

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD083120\
 Data File : VD066491.D
 Acq On : 31 Aug 2020 18:56
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/1/2020 12:38:58 PM

Quant Time: Sep 01 02:23:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	145398	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	201959	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	188509	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	105494	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	83892	58.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.70%	
35) Dibromofluoromethane	7.91	113	65163	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
50) Toluene-d8	10.34	98	241807	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
62) 4-Bromofluorobenzene	12.63	95	87596	53.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	55101	44.576	ug/l	98
3) Chloromethane	2.20	50	33611	38.360	ug/l	100
4) Vinyl Chloride	2.35	62	41506	44.120	ug/l	98
5) Bromomethane	2.76	94	37451	53.224	ug/l	93
6) Chloroethane	2.91	64	28725	47.686	ug/l	96
7) Trichlorofluoromethane	3.27	101	136896	53.514	ug/l	95
8) Diethyl Ether	3.71	74	25377	44.275	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	4.09	101	57831	45.808	ug/l	96
10) Methyl Iodide	4.30	142	62160	43.170	ug/l	92
11) Tert butyl alcohol	5.22	59	21845	271.034	ug/l #	90
12) 1,1-Dichloroethene	4.06	96	52003	43.883	ug/l	94
13) Acrolein	3.92	56	8119	128.262	ug/l	92
14) Allyl chloride	4.72	41	62672	39.622	ug/l #	73
15) Acrylonitrile	5.42	53	48165	209.444	ug/l	99
16) Acetone	4.16	43	55263	215.039	ug/l	97
17) Carbon Disulfide	4.41	76	141434	39.382	ug/l	100
18) Methyl Acetate	4.71	43	20174	41.826	ug/l #	89
19) Methyl tert-butyl Ether	5.47	73	150322	52.681	ug/l	98
20) Methylene Chloride	4.96	84	64699	46.693	ug/l #	91
21) trans-1,2-Dichloroethene	5.47	96	63274	45.869	ug/l	96
22) Diisopropyl ether	6.36	45	125641	41.027	ug/l #	87
23) Vinyl Acetate	6.30	43	408898	215.683	ug/l	95
24) 1,1-Dichloroethane	6.26	63	97091	44.863	ug/l #	93
25) 2-Butanone	7.21	43	57382	196.683	ug/l	95
26) 2,2-Dichloropropane	7.20	77	120726	52.048	ug/l	96
27) cis-1,2-Dichloroethene	7.21	96	69237	46.842	ug/l	98
28) Bromochloromethane	7.55	49	32862	44.083	ug/l	81
29) Tetrahydrofuran	7.56	42	32039	193.345	ug/l #	88
30) Chloroform	7.71	83	127705	51.002	ug/l	99
31) Cyclohexane	7.98	56	71845	36.299	ug/l	87
32) 1,1,1-Trichloroethane	7.90	97	140005	54.633	ug/l	98
36) 1,1-Dichloropropene	8.10	75	86243	46.801	ug/l	99
37) Ethyl Acetate	7.29	43	25790	41.149	ug/l #	93
38) Carbon Tetrachloride	8.09	117	138367	57.633	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	96940	44.658	ug/l	99
40) Benzene	8.35	78	226861	46.798	ug/l	94
41) Methacrylonitrile	7.53	41	18020m	46.623	ug/l	
42) 1,2-Dichloroethane	8.42	62	101408	59.394	ug/l	95
43) Isopropyl Acetate	8.45	43	57358	45.596	ug/l	99
44) Trichloroethene	9.11	130	79478	50.456	ug/l	99
45) 1,2-Dichloropropane	9.38	63	47384	43.116	ug/l	98
46) Dibromomethane	9.47	93	35077	51.263	ug/l	98
47) Bromodichloromethane	9.66	83	101217	53.789	ug/l	99
48) Methyl methacrylate	9.45	41	29189	44.997	ug/l #	83
49) 1,4-Dioxane	9.45	88	7428	934.889	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	133377	219.170	ug/l	98
52) Toluene	10.40	92	167721	51.068	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	92765	51.953	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	96110	47.954	ug/l #	86
55) 1,1,2-Trichloroethane	10.80	97	43752	47.232	ug/l	89
56) Ethyl methacrylate	10.66	69	49577	46.233	ug/l #	83
57) 1,3-Dichloropropane	10.94	76	72695	47.443	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	97767	219.518	ug/l	90
59) 2-Hexanone	10.98	43	93747	218.395	ug/l	97
60) Dibromochloromethane	11.14	129	72917	52.222	ug/l	99
61) 1,2-Dibromoethane	11.24	107	43140	47.323	ug/l	100
64) Tetrachloroethene	10.87	164	72733	50.862	ug/l	96
65) Chlorobenzene	11.67	112	187946	50.114	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	80464	52.499	ug/l	97
67) Ethyl Benzene	11.74	91	336008	50.897	ug/l	95
68) m/p-Xylenes	11.85	106	259252	103.031	ug/l	96
69) o-Xylene	12.18	106	119837	51.194	ug/l	98
70) Styrene	12.20	104	209001	51.999	ug/l	97
71) Bromoform	12.36	173	44918	51.657	ug/l #	97
73) Isopropylbenzene	12.48	105	341068	48.262	ug/l	100
74) N-amyl acetate	12.29	43	51461	40.318	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	40095	39.716	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	37140m	50.043	ug/l	
77) Bromobenzene	12.76	156	87714	48.901	ug/l	95
78) n-propylbenzene	12.82	91	370913	45.775	ug/l	96
79) 2-Chlorotoluene	12.91	91	221147	47.785	ug/l	97
80) 1,3,5-Trimethylbenzene	12.96	105	298206	48.872	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	14937	42.722	ug/l	87
82) 4-Chlorotoluene	13.01	91	231119	47.137	ug/l	95
83) tert-Butylbenzene	13.23	119	262410	49.513	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	306029	51.063	ug/l	97
85) sec-Butylbenzene	13.40	105	326002	46.948	ug/l	98
86) p-Isopropyltoluene	13.52	119	334571	49.969	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	160892	48.053	ug/l	97
88) 1,4-Dichlorobenzene	13.60	146	161371	48.001	ug/l	99
89) n-Butylbenzene	13.84	91	272781	46.168	ug/l	98
90) Hexachloroethane	14.11	117	59621	45.077	ug/l	93
91) 1,2-Dichlorobenzene	13.89	146	143844	49.905	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10469	49.444	ug/l	83

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	114418	50.847	ug/l	98
94) Hexachlorobutadiene	15.27	225	73700	52.704	ug/l	96
95) Naphthalene	15.40	128	174783	49.454	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	97019	50.330	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

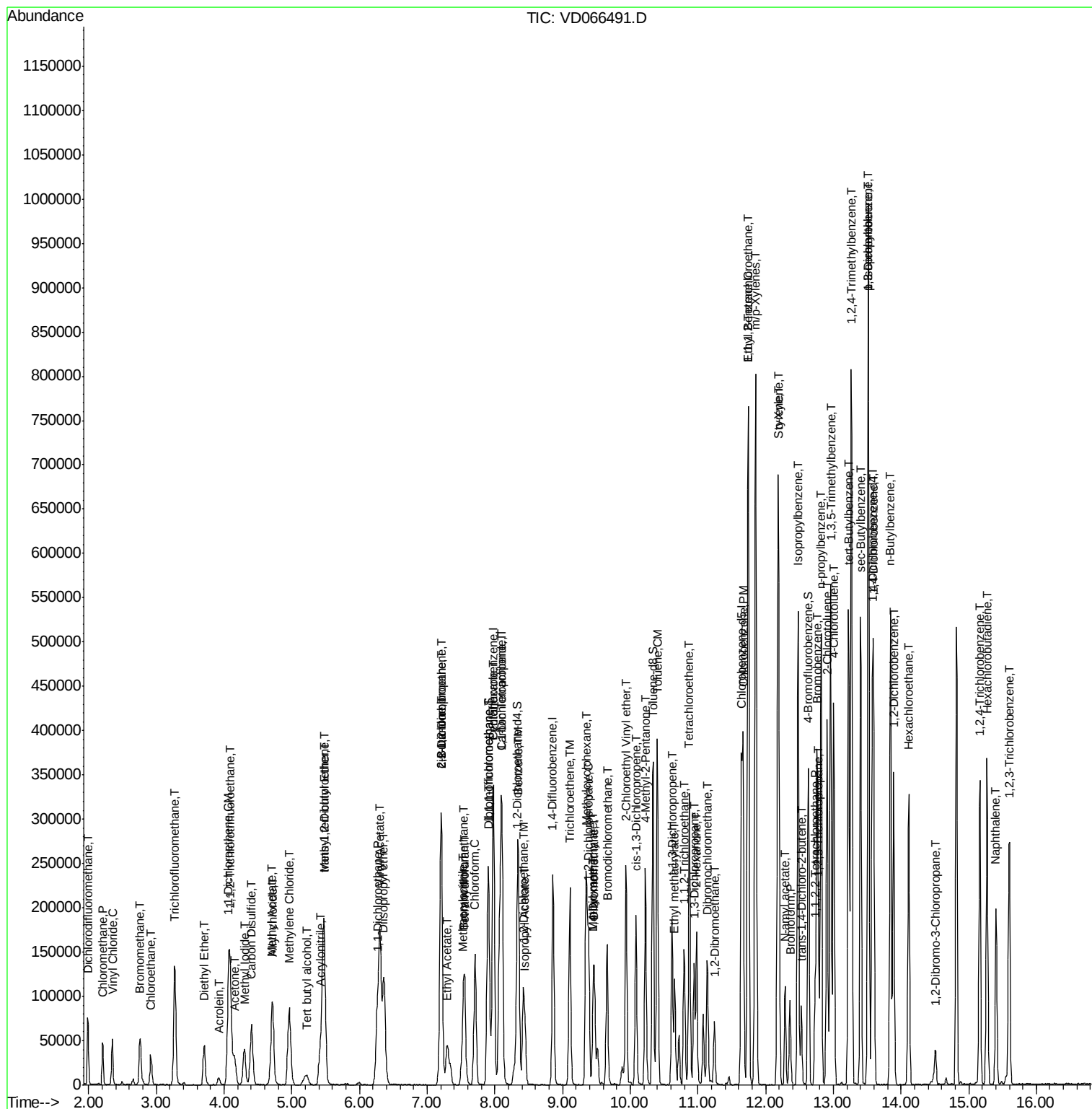
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD083120\
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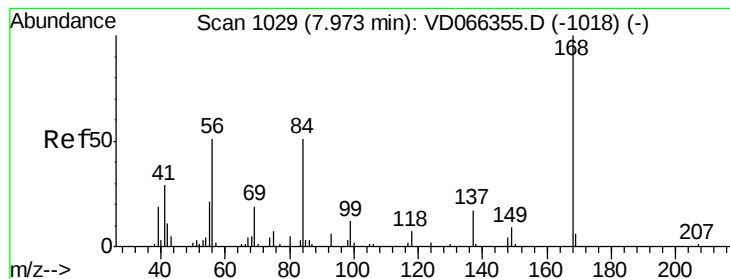
Instrument :
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Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 145398

Ion Ratio Lower Upper

168 100

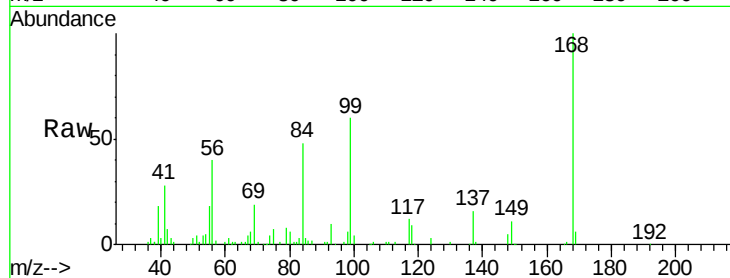
99 60.2 45.4 68.0

Manual Integrations

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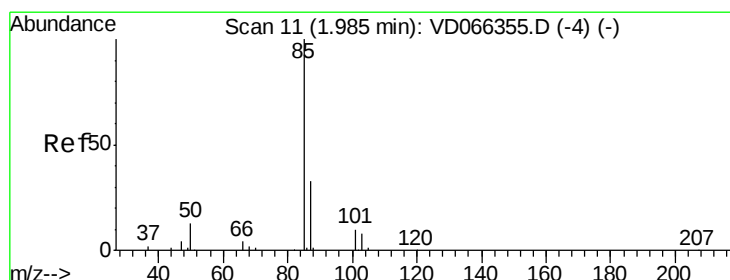
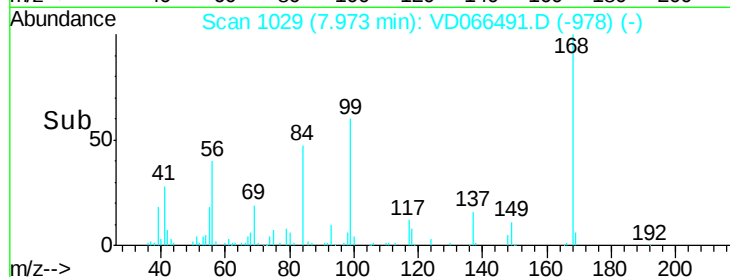
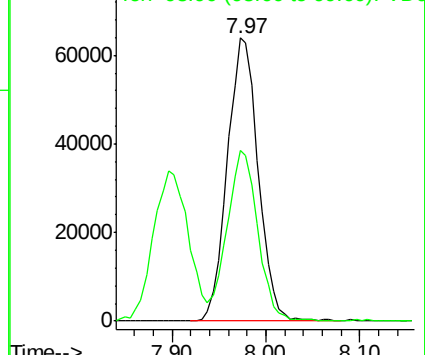
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 44.576 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066491.D

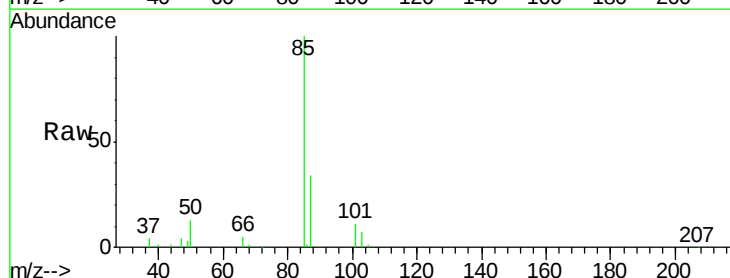
Acq: 31 Aug 2020 18:56

Tgt Ion: 85 Resp: 55101

Ion Ratio Lower Upper

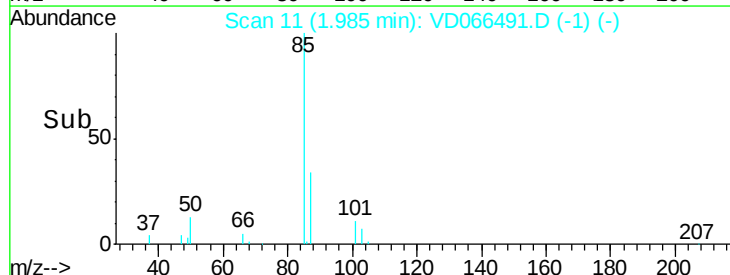
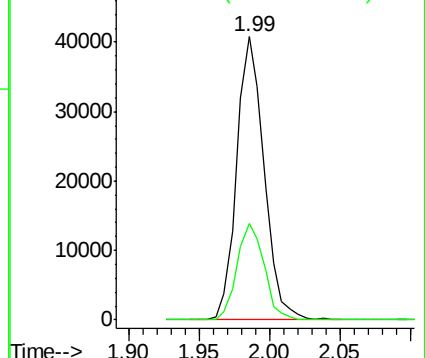
85 100

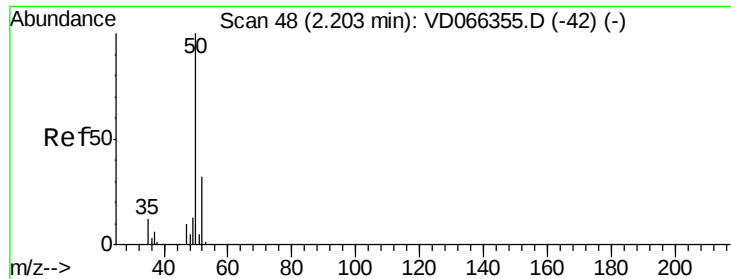
87 34.2 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 38.360 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.00 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 33611

Ion Ratio Lower Upper

50 100

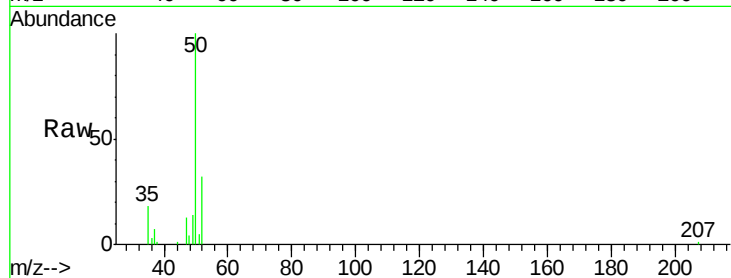
52 32.1 25.7 38.5

Manual Integrations

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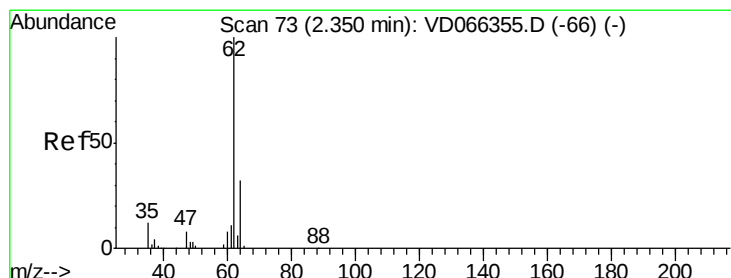
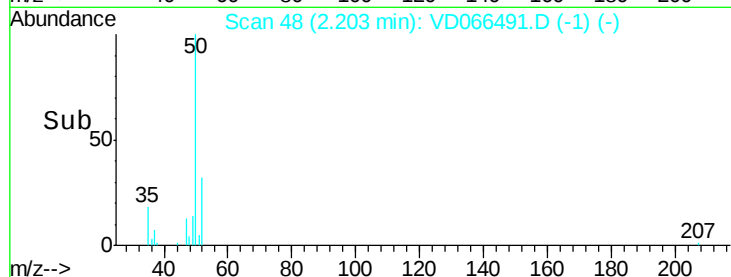
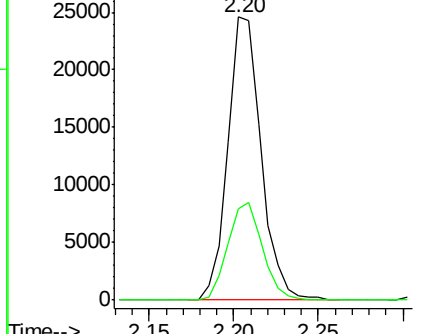
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 44.120 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066491.D

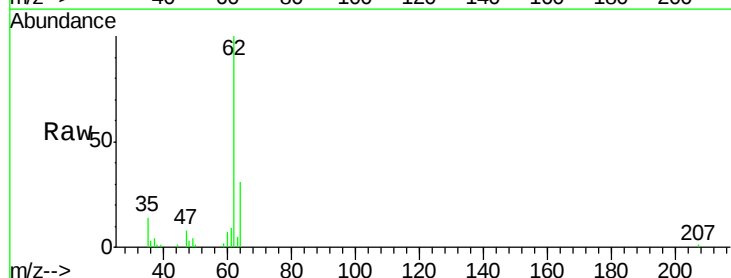
Acq: 31 Aug 2020 18:56

Tgt Ion: 62 Resp: 41506

Ion Ratio Lower Upper

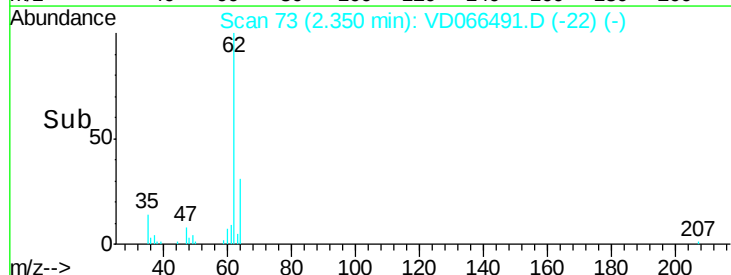
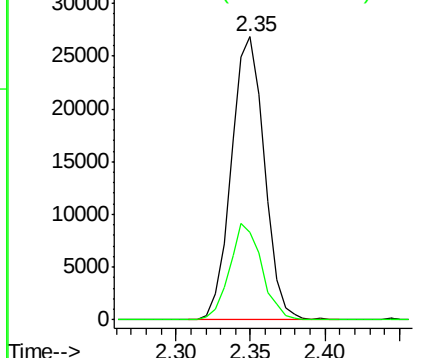
62 100

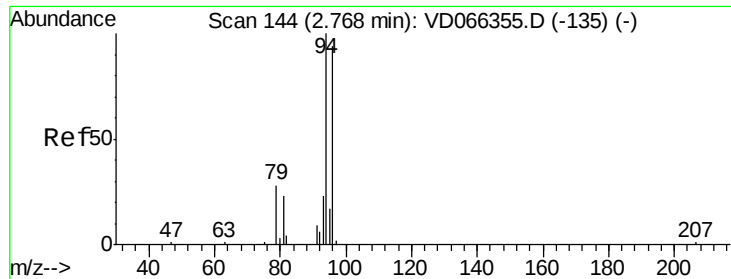
64 30.9 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 53.224 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066491.D

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Tot Ion: 94 Resp: 37451

Ion Ratio Lower Upper

94 100

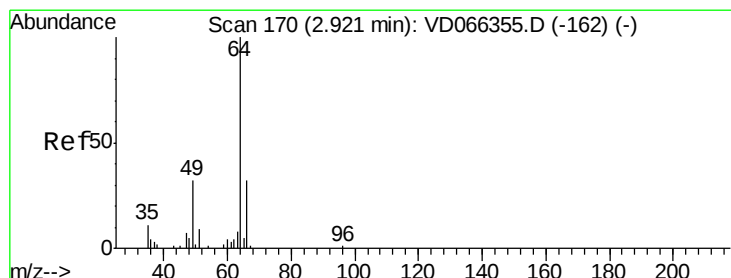
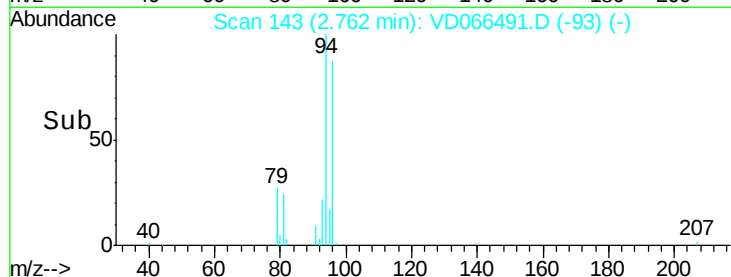
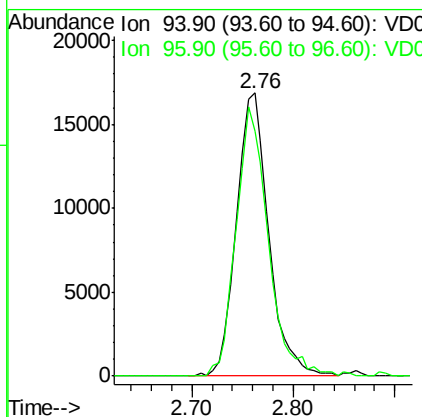
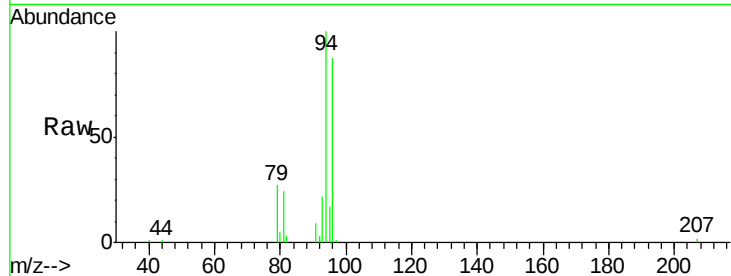
96 86.7 75.0 112.4

Manual Integrations

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#6

Chloroethane

Concen: 47.686 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD066491.D

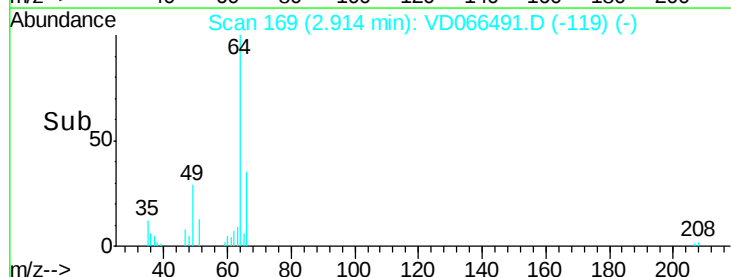
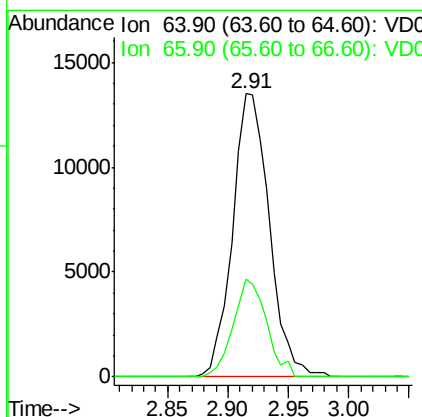
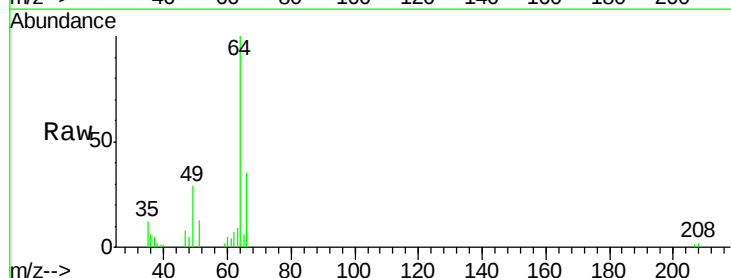
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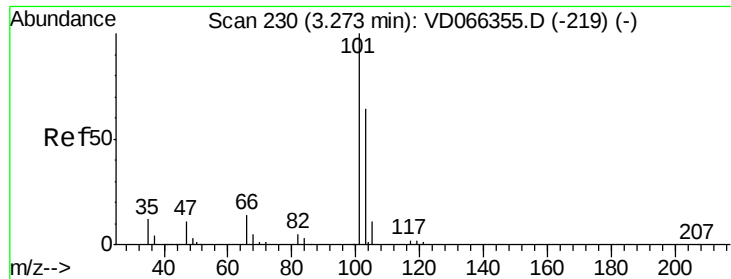
Tgt Ion: 64 Resp: 28725

Ion Ratio Lower Upper

64 100

66 34.7 25.9 38.9





#7

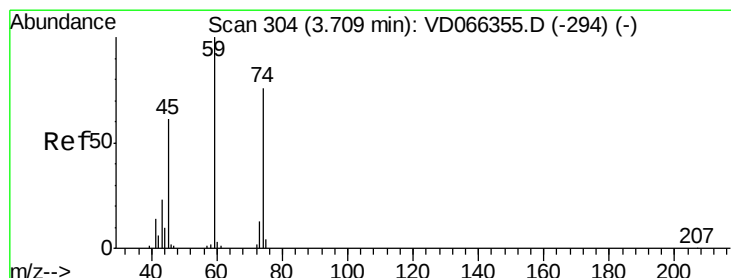
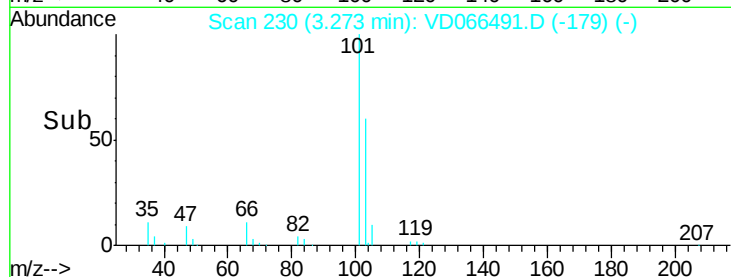
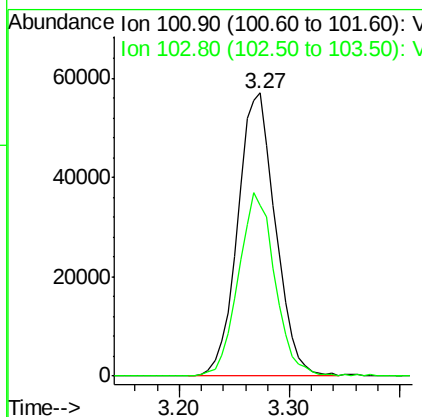
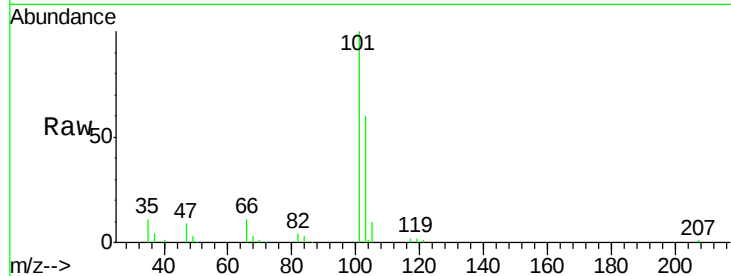
Trichlorofluoromethane
 Concen: 53.514 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066491.D
 Acq: 31 Aug 2020 18:56

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	60.3	51.4	77.0

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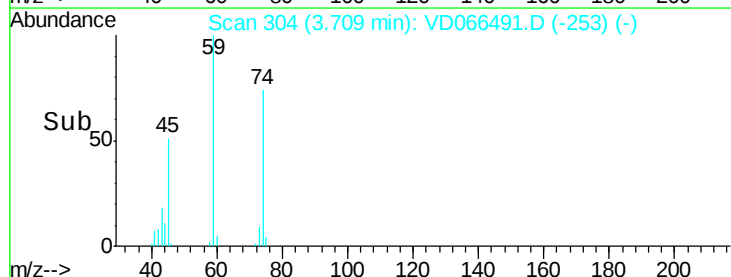
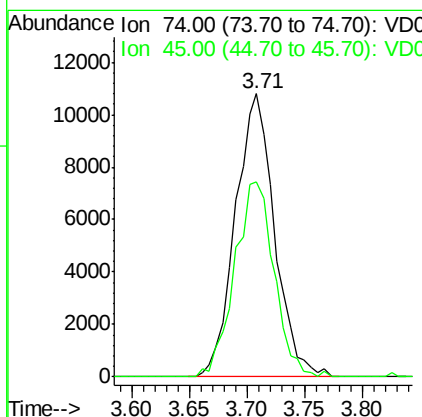
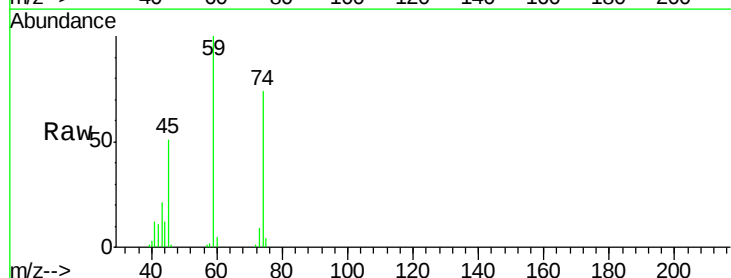
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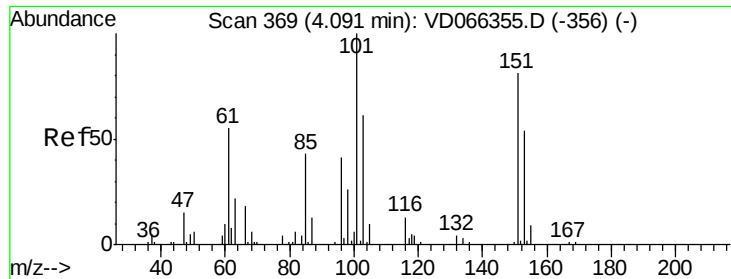


#8

Diethyl Ether
 Concen: 44.275 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066491.D
 Acq: 31 Aug 2020 18:56

Tgt Ion	Ratio	Lower	Upper
74	100		
45	69.6	42.8	128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.808 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.00 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

Instrument :

MSVOA_D

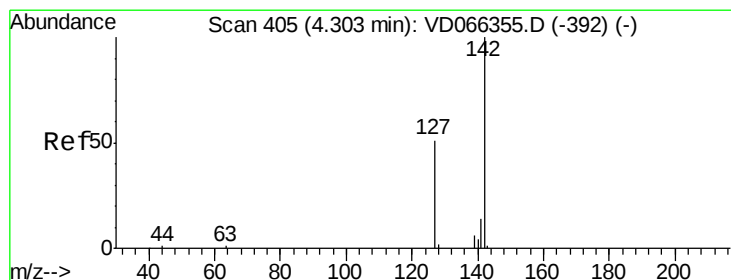
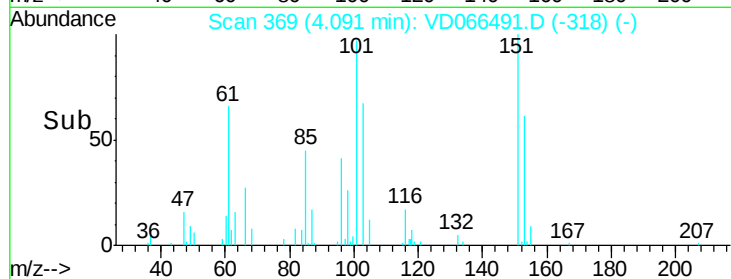
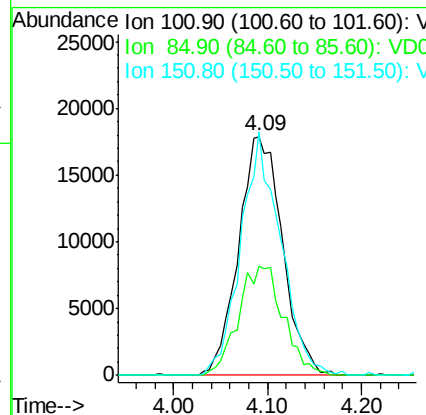
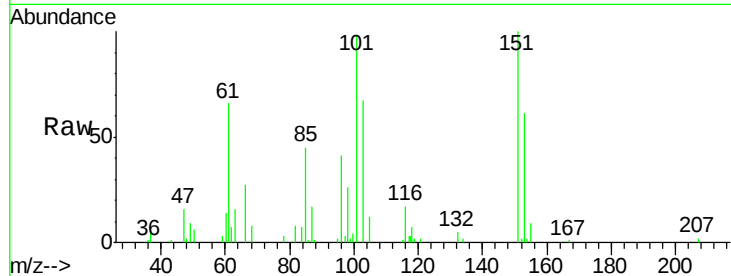
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	57831
Ion Ratio	Lower	Upper	
101	100		
85	46.8	36.4	54.6
151	92.6	70.5	105.7

Manual Integrations
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9/1/2020 12:38:58 PM



#10

Methyl Iodide

Concen: 43.170 ug/l

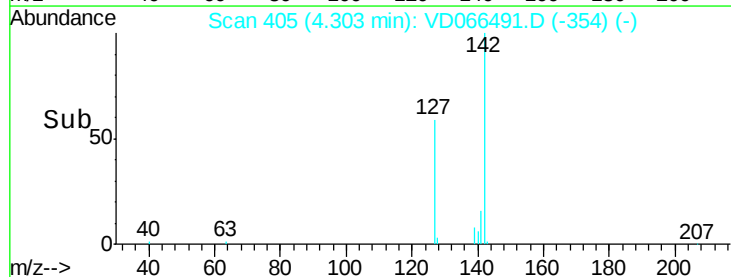
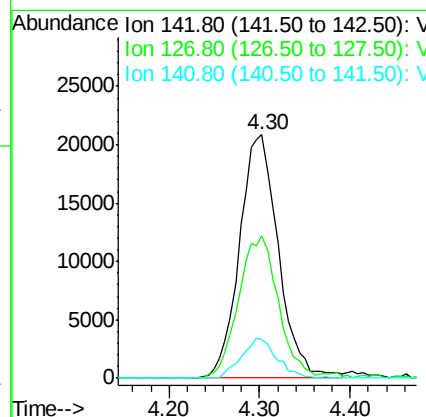
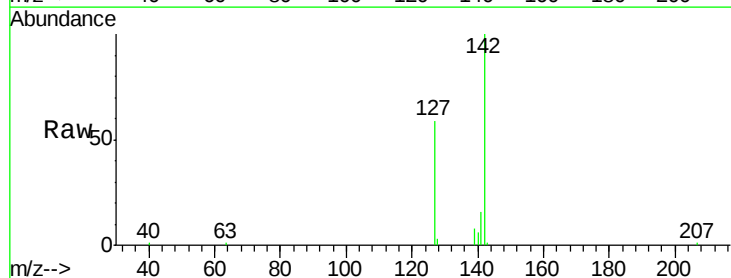
RT: 4.30 min Scan# 405

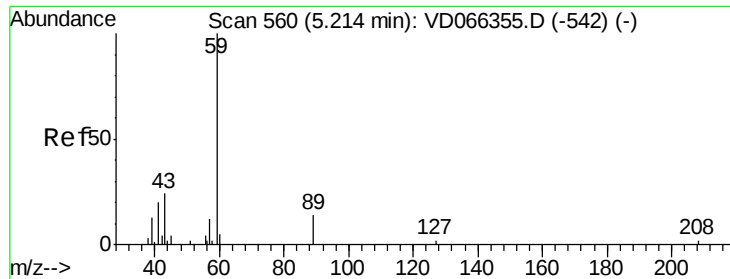
Delta R.T. -0.00 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

Tgt Ion:	142	Resp:	62160
Ion Ratio	Lower	Upper	
142	100		
127	59.4	41.8	62.8
141	14.7	11.8	17.6





#11

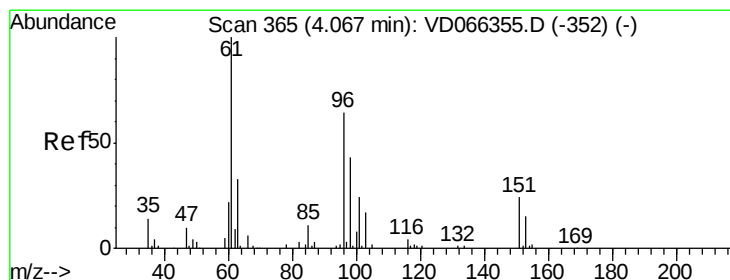
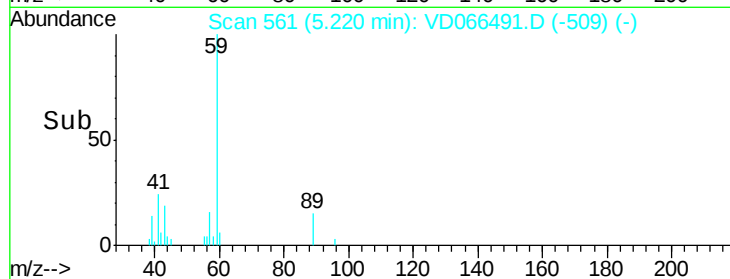
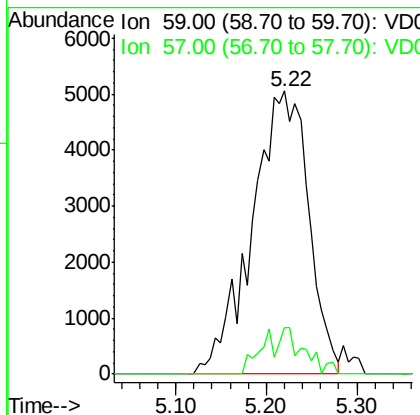
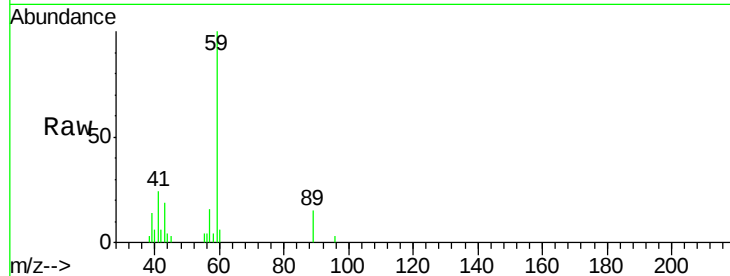
Tert butyl alcohol
 Concen: 271.034 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. 0.01 min
 Lab File: VD066491.D
 Acq: 31 Aug 2020 18:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	7.2	9.0	13.4#

Manual Integrations
 APPROVED

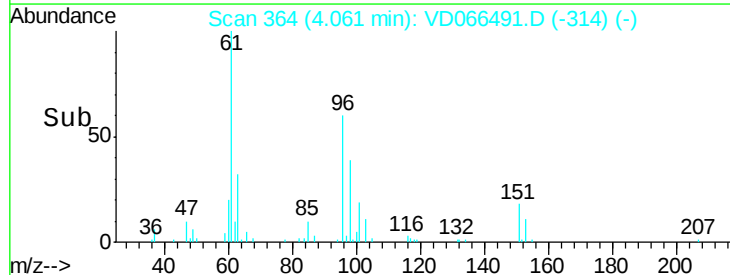
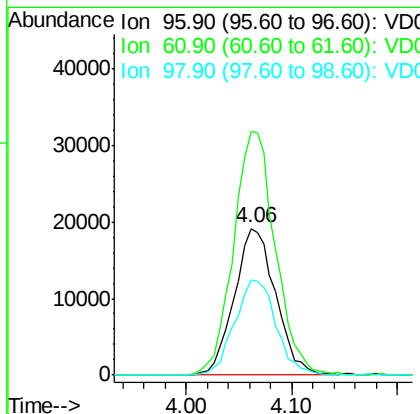
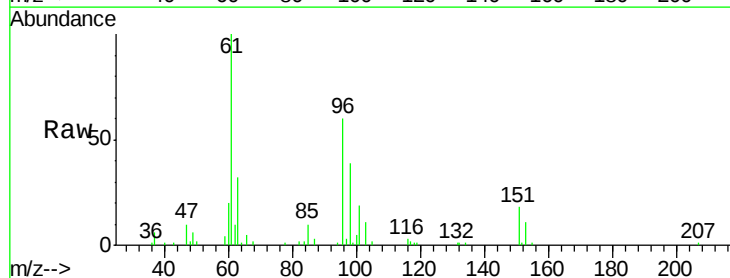
MMDadoda
 9/1/2020 12:38:58 PM

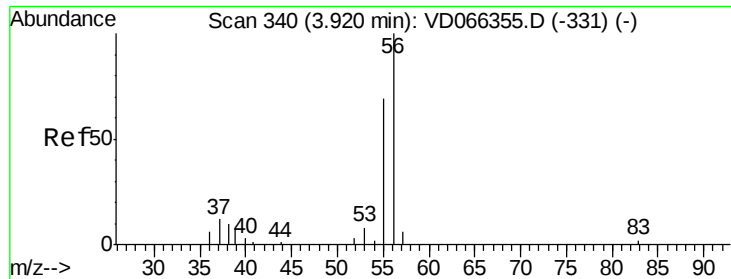


#12

1,1-Dichloroethene
 Concen: 43.883 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VD066491.D
 Acq: 31 Aug 2020 18:56

Tgt Ion	Ratio	Lower	Upper
96	100		
61	165.8	124.3	186.5
98	64.6	53.2	79.8





#13

Acrolein

Concen: 128.262 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 8119

Ion Ratio Lower Upper

56 100

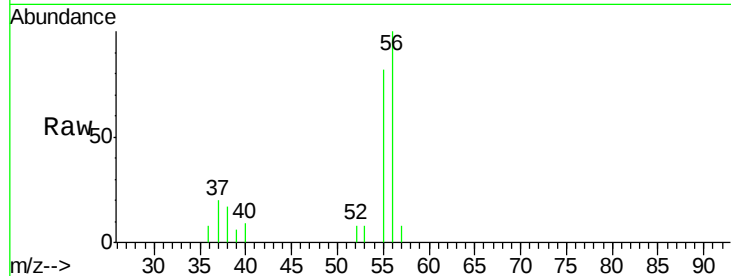
55 76.2 55.5 83.3

Manual Integrations

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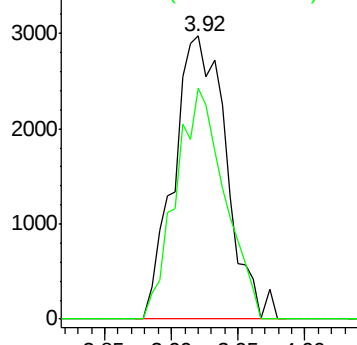
MMDadoda

9/1/2020 12:38:58 PM

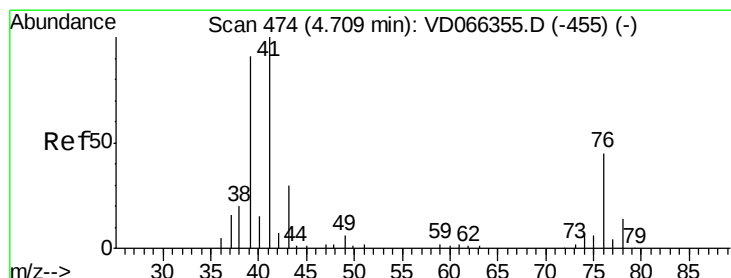
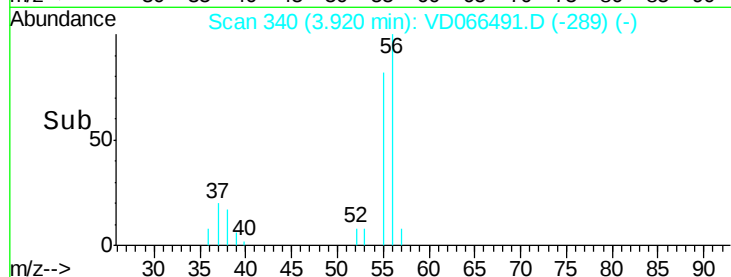


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



Time-->



#14

Allyl chloride

Concen: 39.622 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

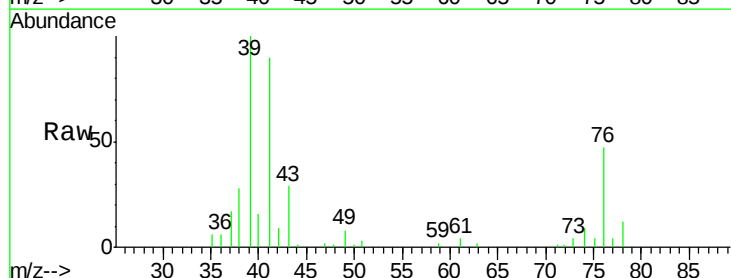
Tgt Ion: 41 Resp: 62672

Ion Ratio Lower Upper

41 100

39 123.3 72.8 109.2#

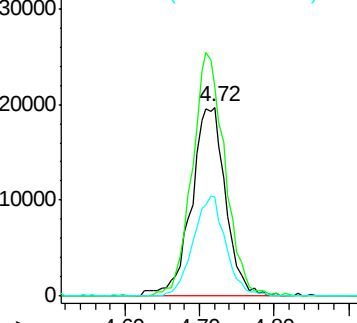
76 50.2 34.0 51.0



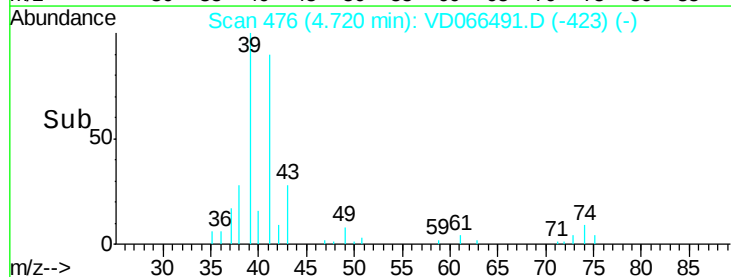
Abundance Ion 41.00 (40.70 to 41.70): VDC

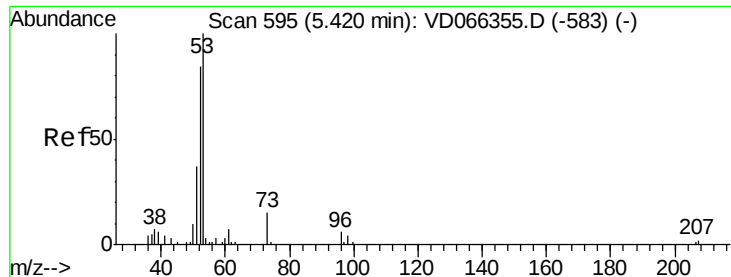
Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC



Time-->





#15

Acrylonitrile

Concen: 209.444 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

Instrument :

MSVOA_D

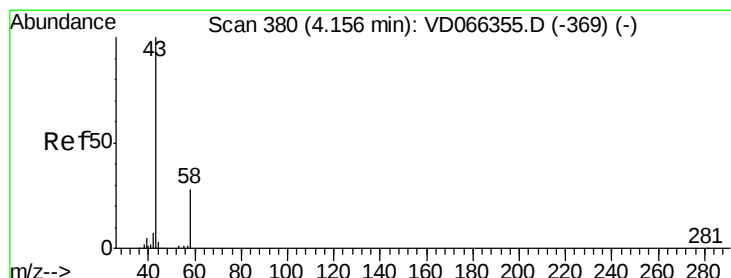
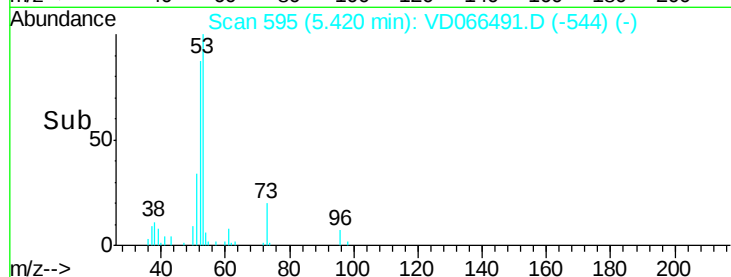
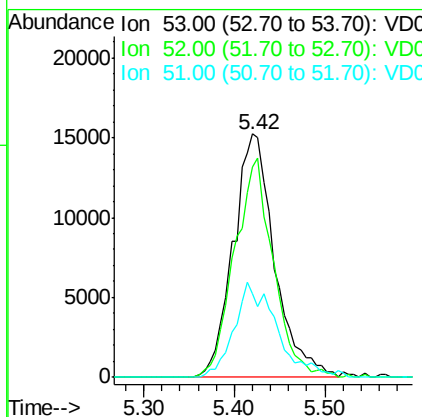
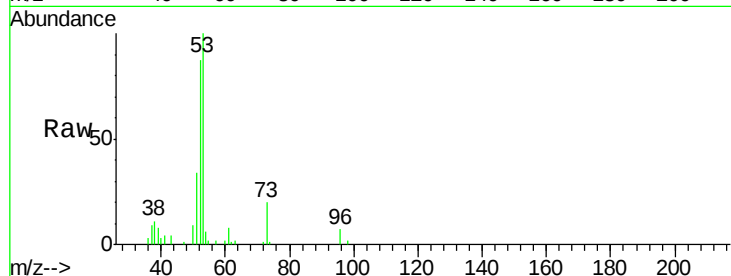
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	48165
Ion Ratio	Lower	Upper	
53	100		
52	85.1	68.1	102.1
51	40.5	33.8	50.6

Manual Integrations
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#16

Acetone

Concen: 215.039 ug/l

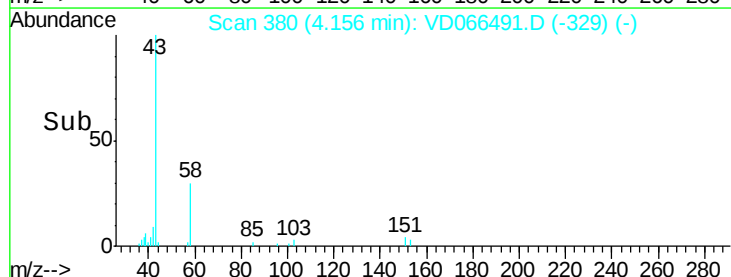
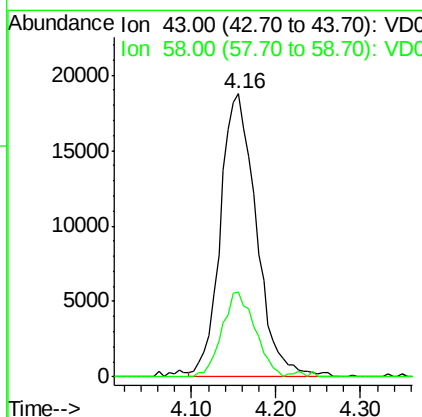
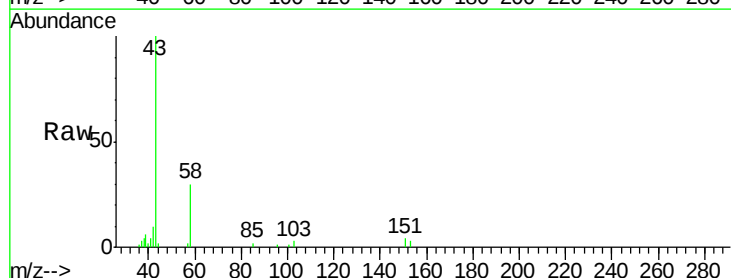
RT: 4.16 min Scan# 380

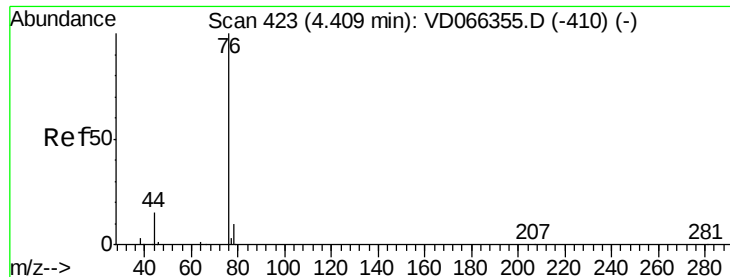
Delta R.T. -0.00 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

Tgt Ion:	43	Resp:	55263
Ion Ratio	Lower	Upper	
43	100		
58	30.0	22.7	34.1





#17

Carbon Disulfide

Concen: 39.382 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 141434

Ion Ratio Lower Upper

76 100

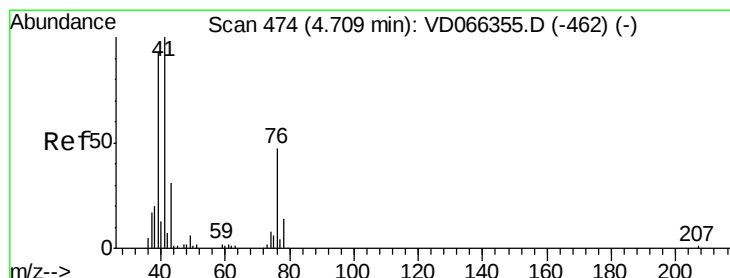
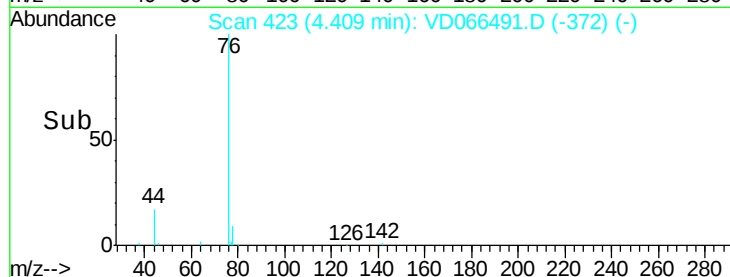
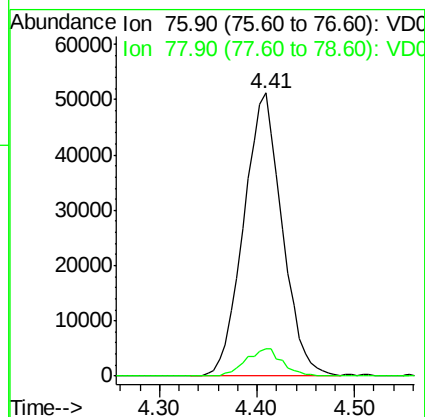
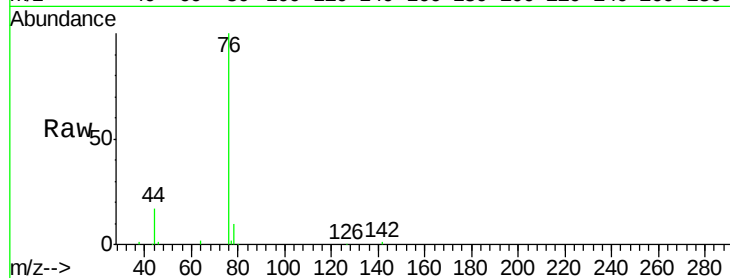
78 9.5 7.7 11.5

Manual Integrations

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9/1/2020 12:38:58 PM



#18

Methyl Acetate

Concen: 41.826 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066491.D

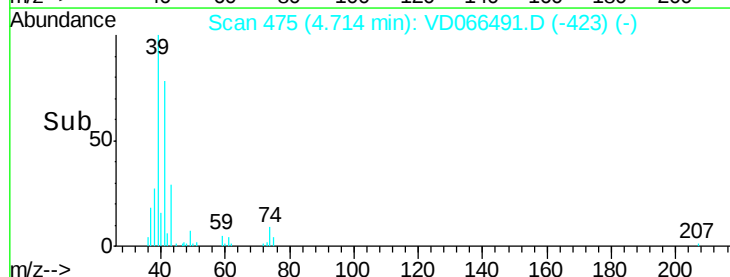
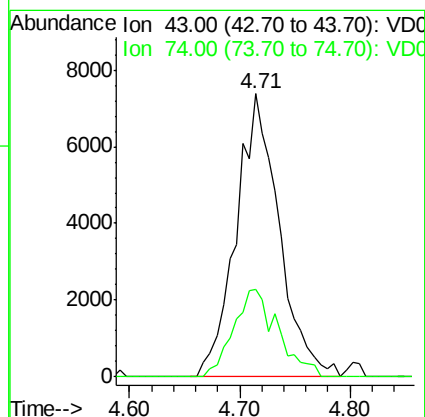
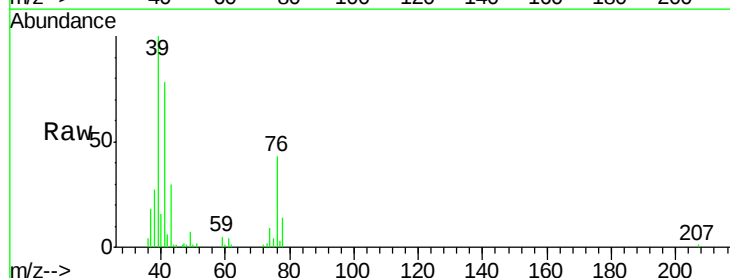
Acq: 31 Aug 2020 18:56

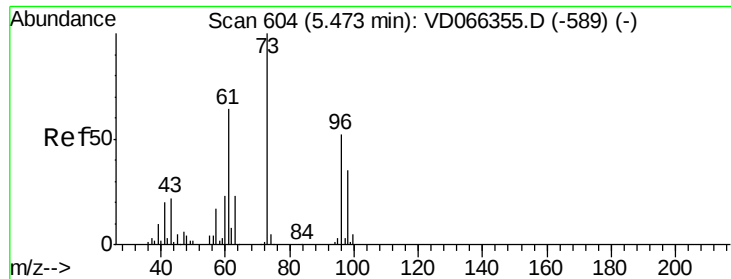
Tgt Ion: 43 Resp: 20174

Ion Ratio Lower Upper

43 100

74 31.8 21.0 31.6#





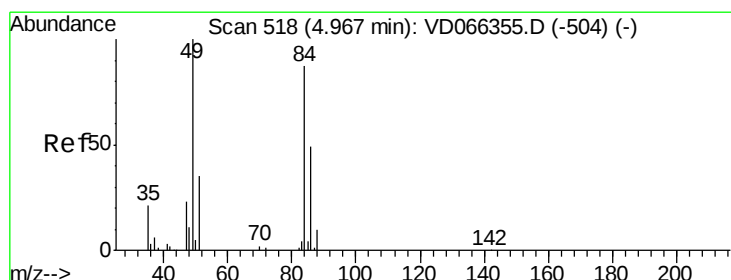
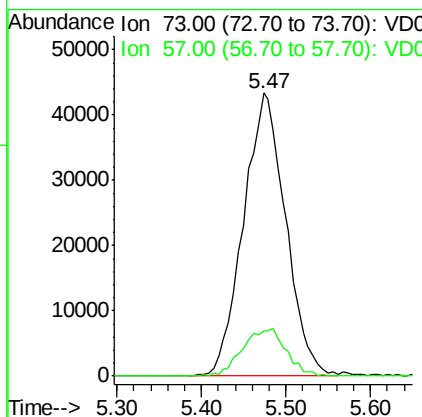
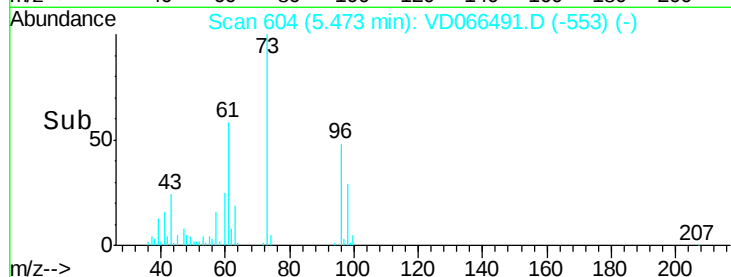
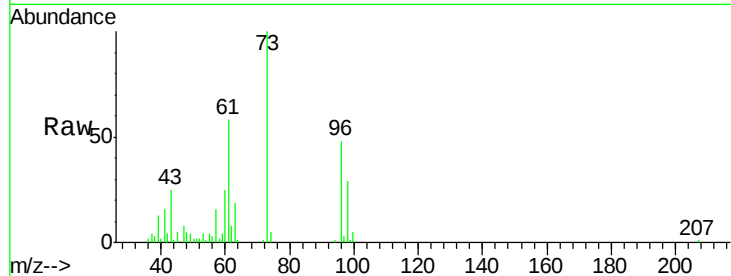
#19
Methvl tert-butvl Ether
Concen: 52.681 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.00 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 150322
Ion Ratio Lower Upper
73 100
57 16.2 13.8 20.6

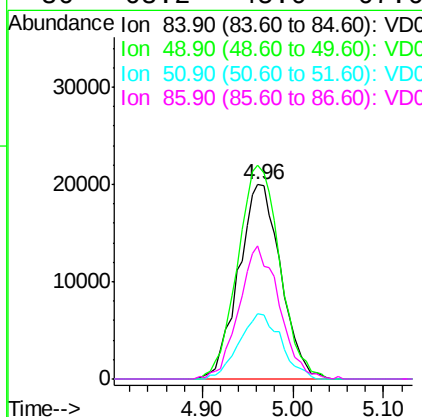
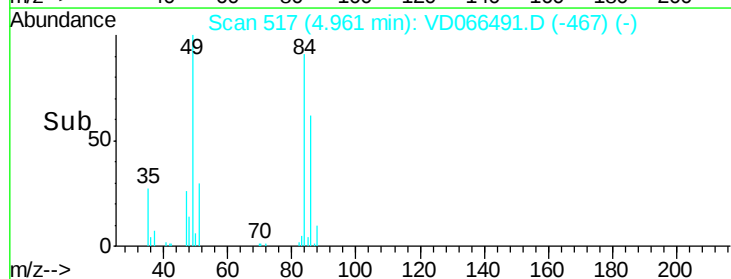
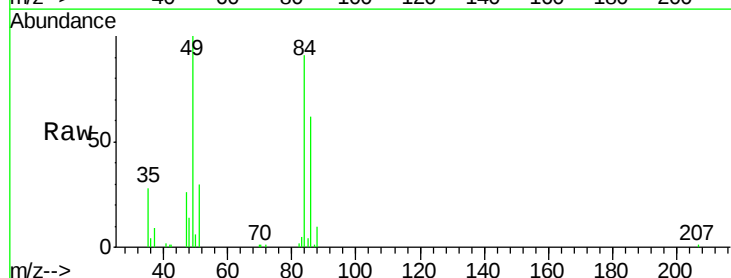
Manual Integrations
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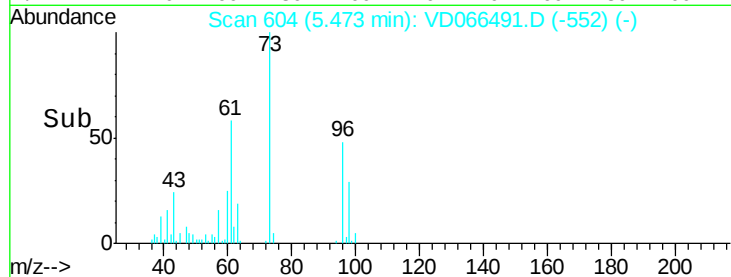
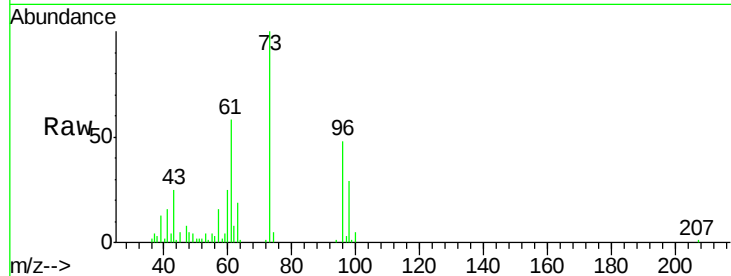
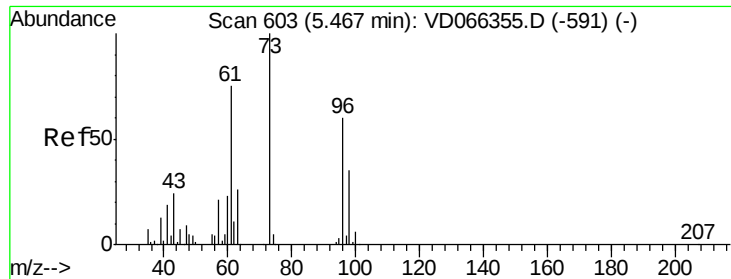
MMDadoda
9/1/2020 12:38:58 PM



#20
Methylene Chloride
Concen: 46.693 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Tgt Ion: 84 Resp: 64699
Ion Ratio Lower Upper
84 100
49 109.8 92.5 138.7
51 33.4 32.5 48.7
86 68.2 45.0 67.6#





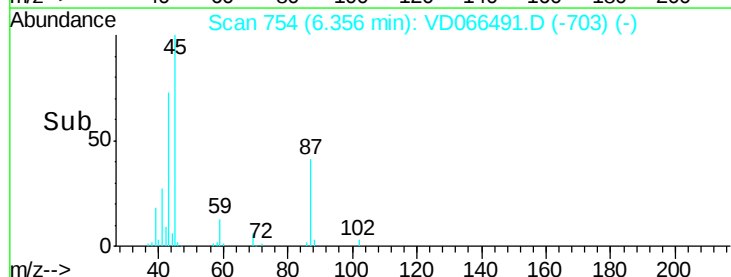
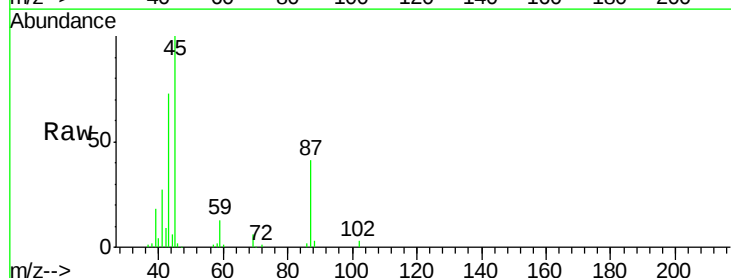
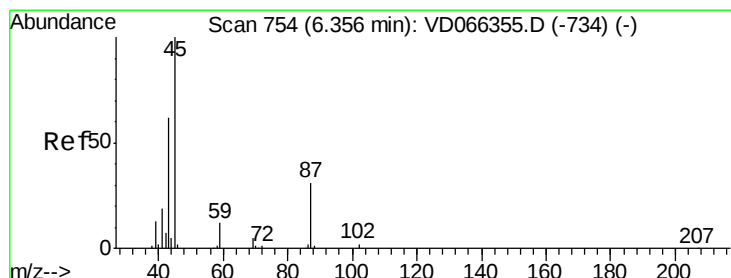
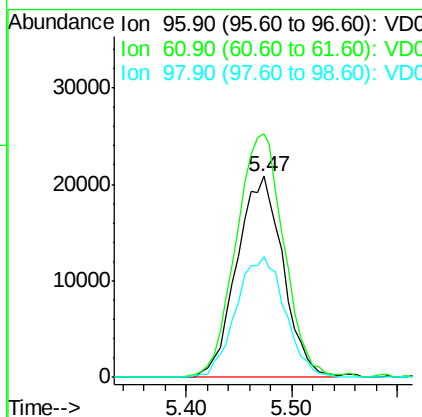
#21
trans-1,2-Dichloroethene
Concen: 45.869 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.01 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Tot Ion	Ratio	Lower	Upper
96	100		
61	120.4	101.1	151.7
98	59.8	47.0	70.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

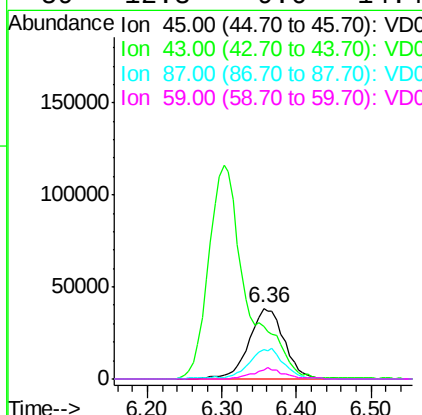
Manual Integrations
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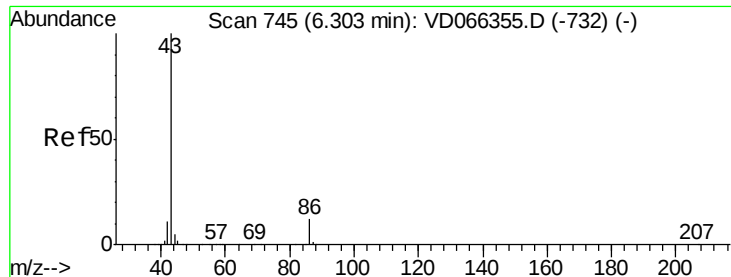
MMDadoda
9/1/2020 12:38:58 PM



#22
Diisopropyl ether
Concen: 41.027 ug/l
RT: 6.36 min Scan# 754
Delta R.T. -0.00 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Tgt Ion	Ratio	Lower	Upper
45	100		
43	72.4	49.8	74.8
87	41.1	25.0	37.6
59	12.3	9.6	14.4





#23

Vinyl Acetate

Concen: 215.683 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 408898

Ion Ratio Lower Upper

43 100

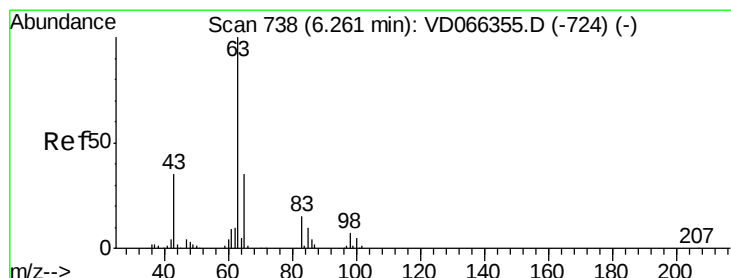
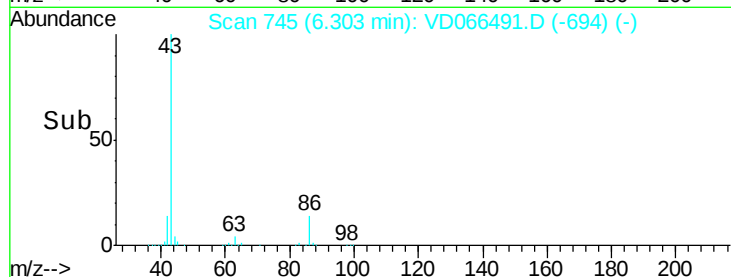
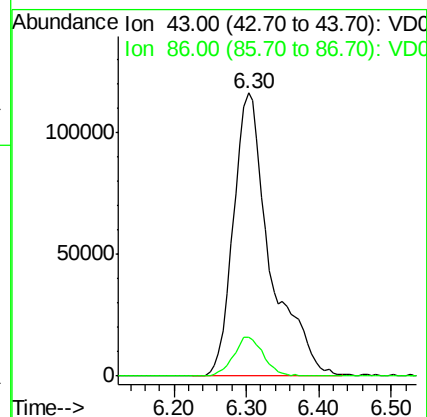
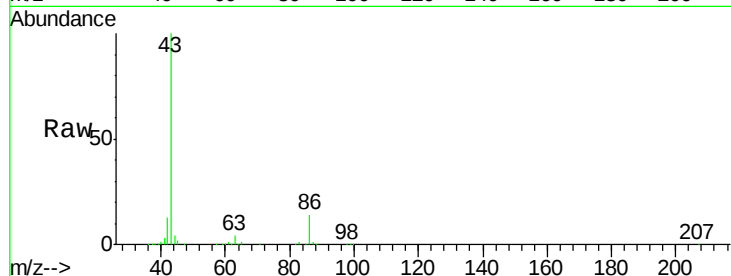
86 13.6 9.4 14.0

Manual Integrations

APPROVED

MMDadoda

9/1/2020 12:38:58 PM



#24

1,1-Dichloroethane

Concen: 44.863 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

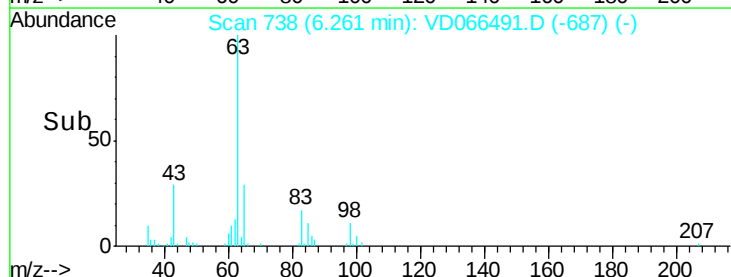
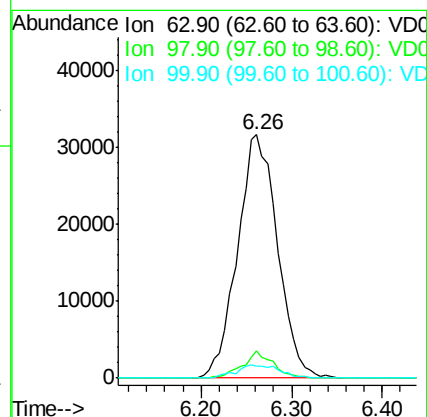
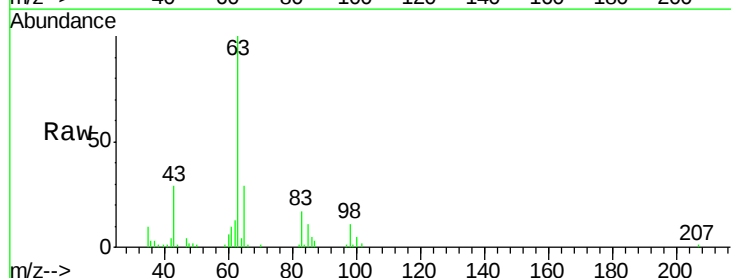
Tgt Ion: 63 Resp: 97091

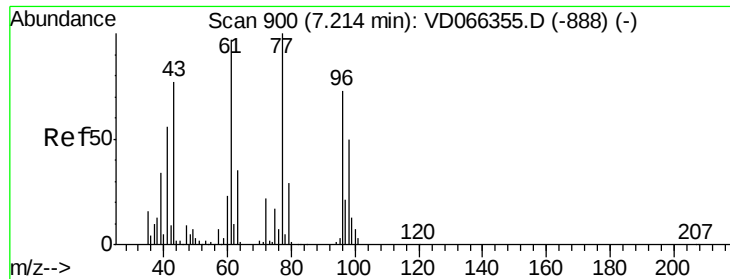
Ion Ratio Lower Upper

63 100

98 11.3 3.5 10.6#

100 5.0 2.5 7.6





#25

2-Butanone

Concen: 196.683 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 57382

Ion Ratio Lower Upper

43 100

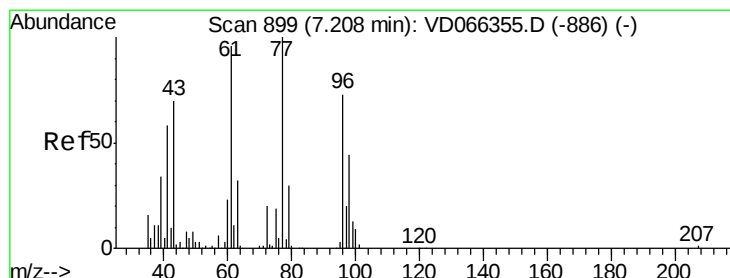
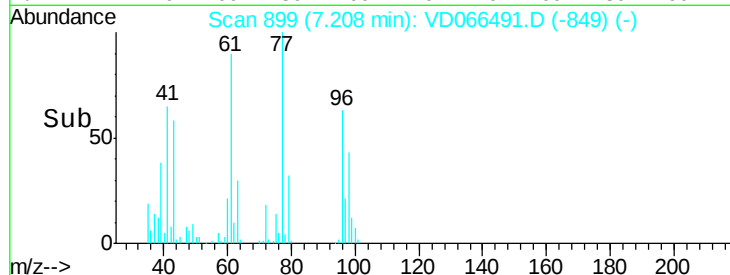
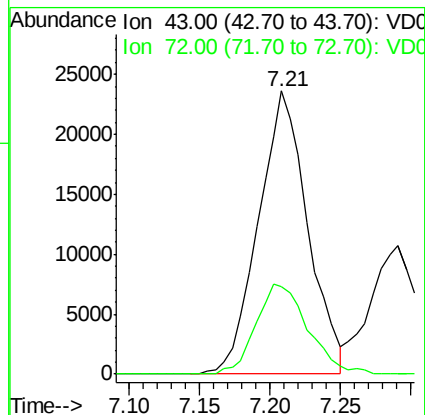
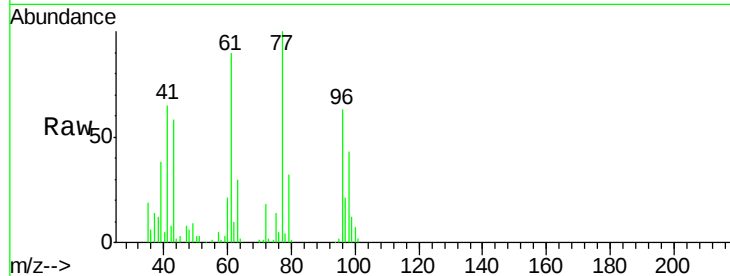
72 30.8 22.5 33.7

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#26

2,2-Dichloropropane

Concen: 52.048 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066491.D

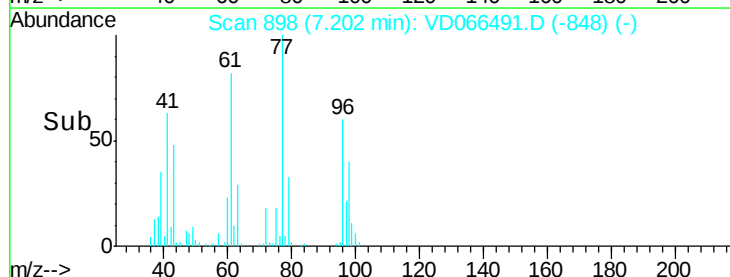
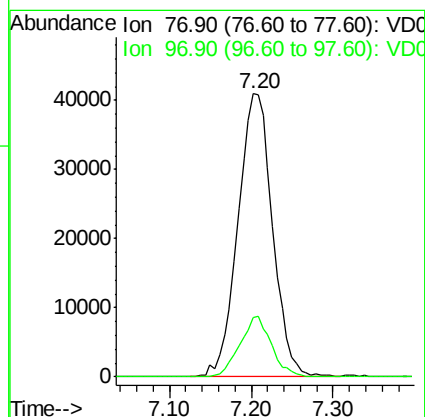
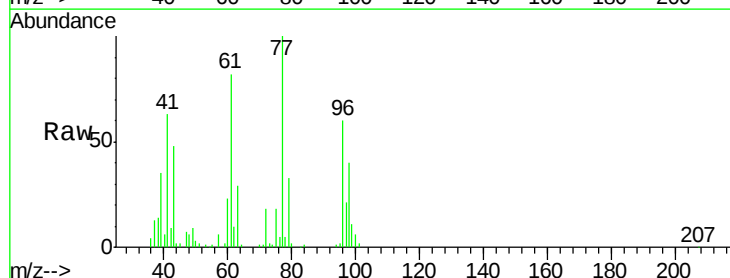
Acq: 31 Aug 2020 18:56

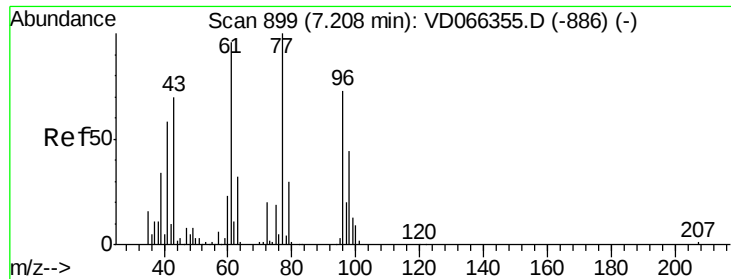
Tgt Ion: 77 Resp: 120726

Ion Ratio Lower Upper

77 100

97 19.3 10.7 31.9





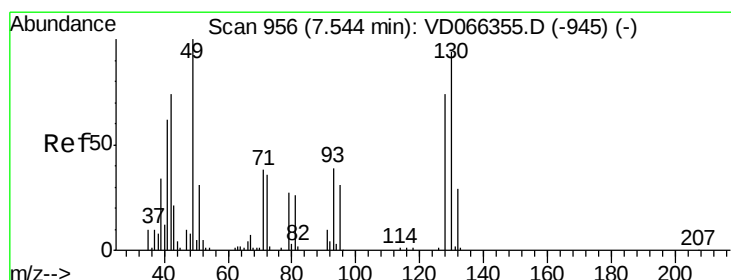
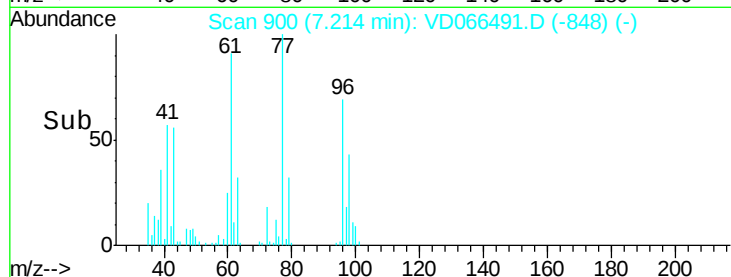
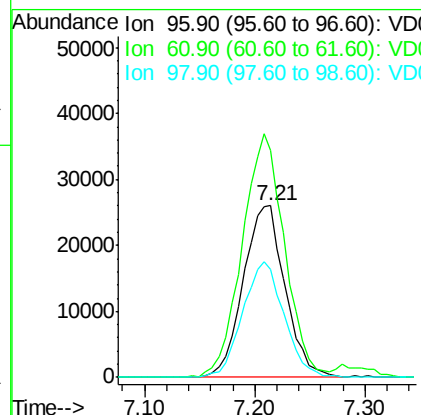
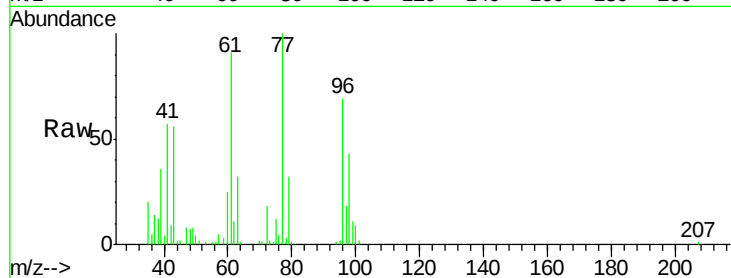
#27
 cis-1,2-Dichloroethene
 Concen: 46.842 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VD066491.D
 Acq: 31 Aug 2020 18:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	69237		
61	143.2	0.0	281.4	
98	66.8	0.0	132.2	

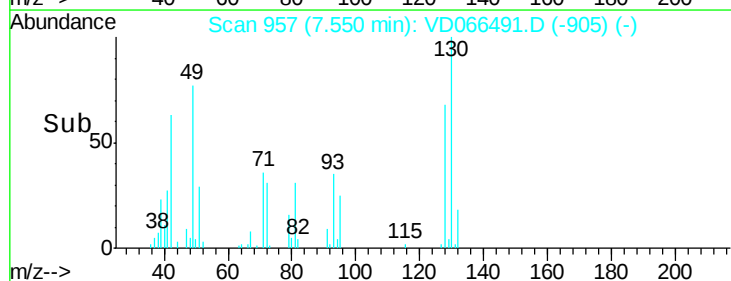
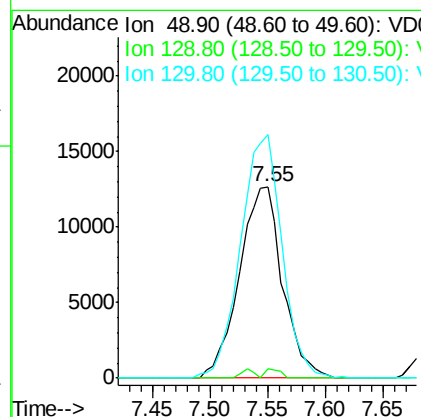
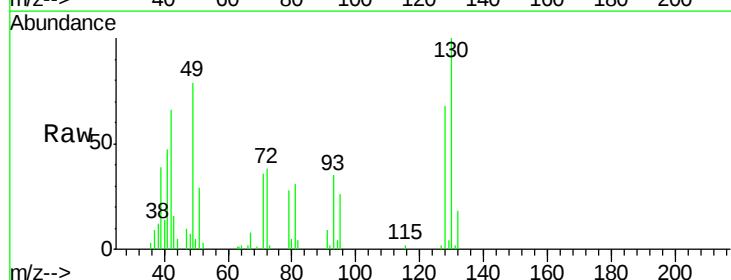
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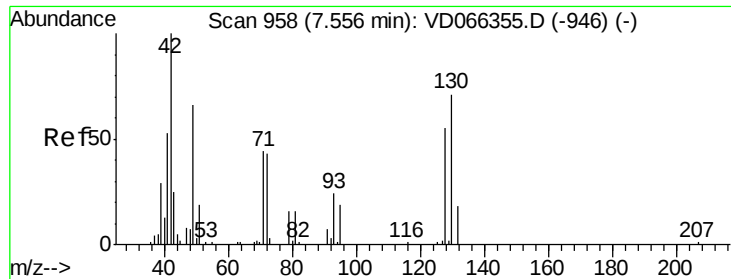
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#28
 Bromochloromethane
 Concen: 44.083 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.01 min
 Lab File: VD066491.D
 Acq: 31 Aug 2020 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	32862		
129	1.7	0.0	3.0	
130	122.6	82.6	124.0	





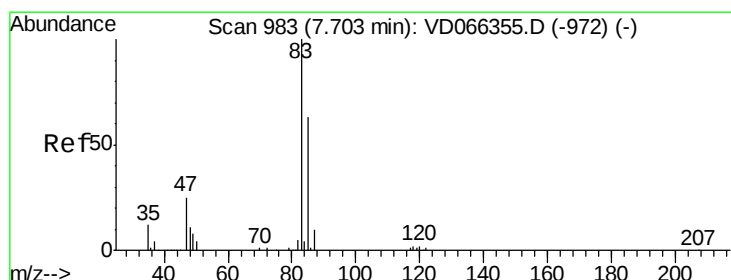
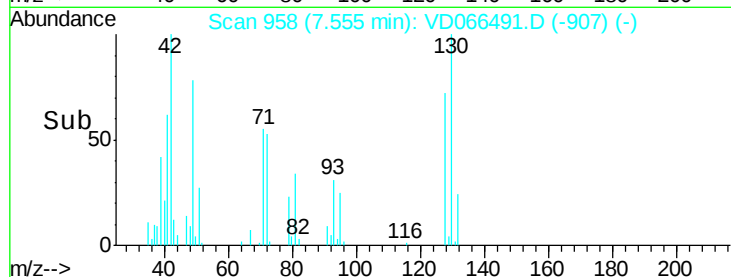
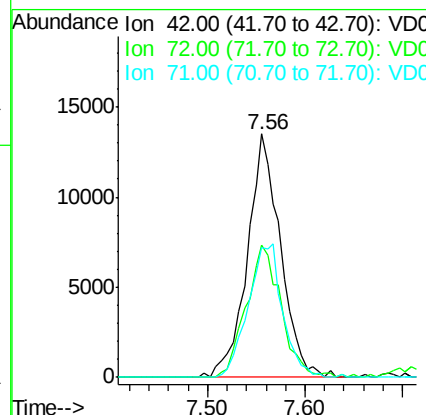
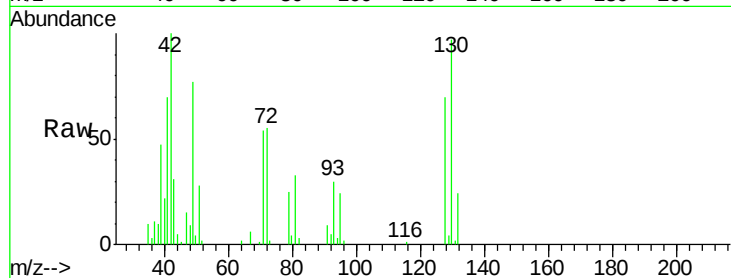
#29
Tetrahydrofuran
Concen: 193.345 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.00 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	57.3	41.0	61.4
71	57.3	37.2	55.8

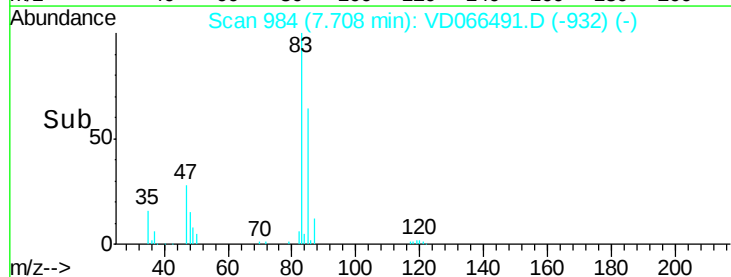
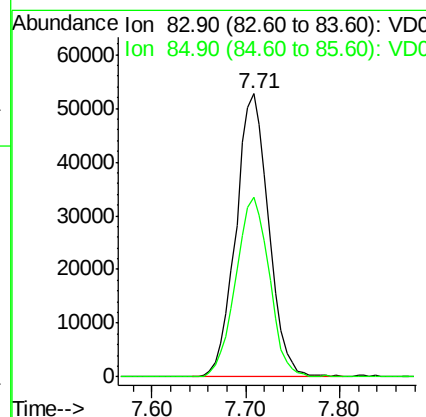
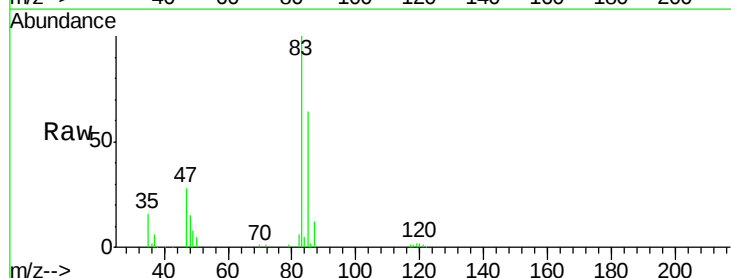
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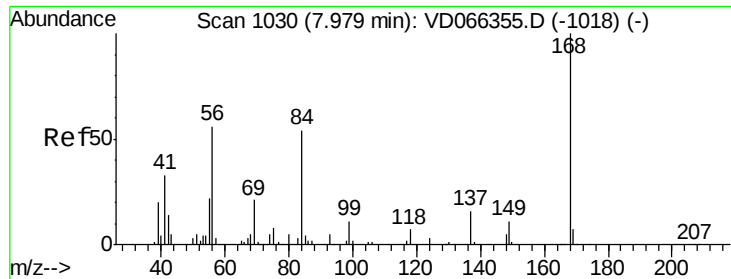
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#30
Chloroform
Concen: 51.002 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.01 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.3	75.5





#31

Cvclohexane

Concen: 36.299 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

Instrument :

MSVOA_D

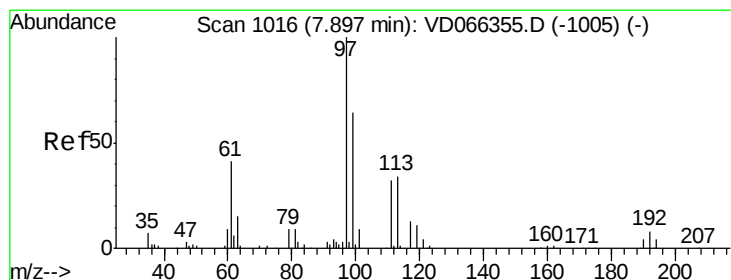
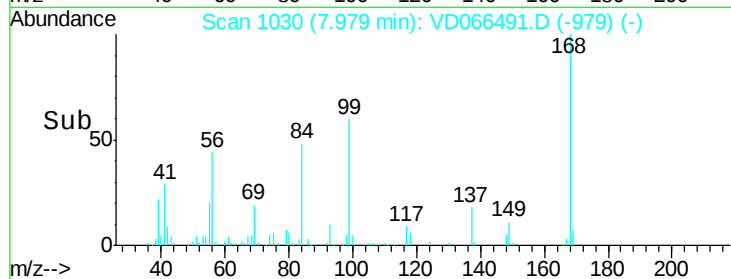
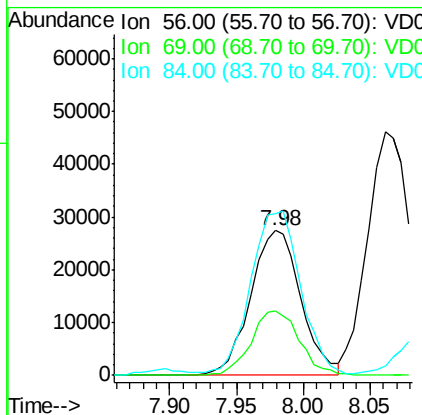
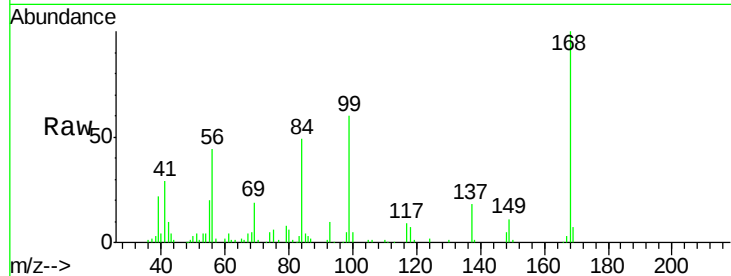
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	71845
Ion	Ratio	Lower	Upper
56	100		
69	43.1	29.6	44.4
84	109.6	76.6	115.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 54.633 ug/l

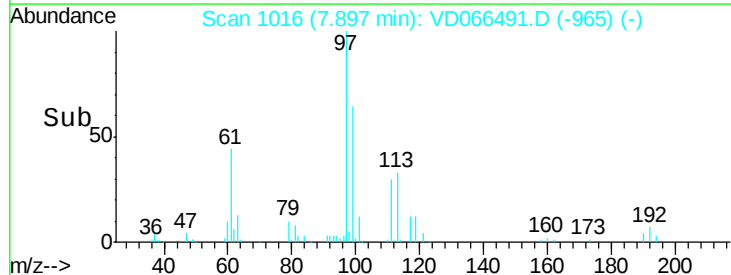
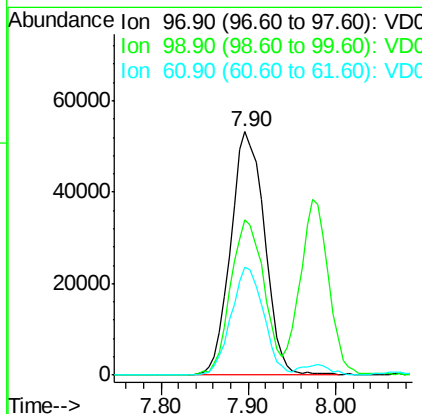
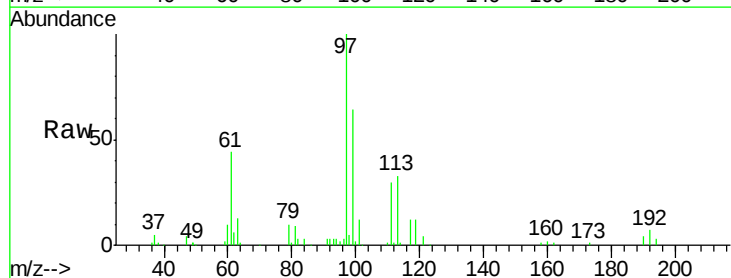
RT: 7.90 min Scan# 1016

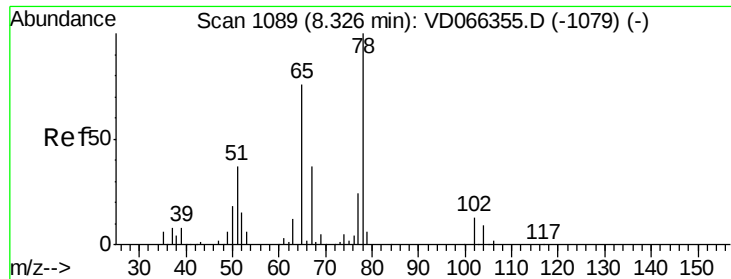
Delta R.T. -0.00 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

Tgt Ion:	97	Resp:	140005
Ion	Ratio	Lower	Upper
97	100		
99	62.9	51.5	77.3
61	42.3	33.3	49.9





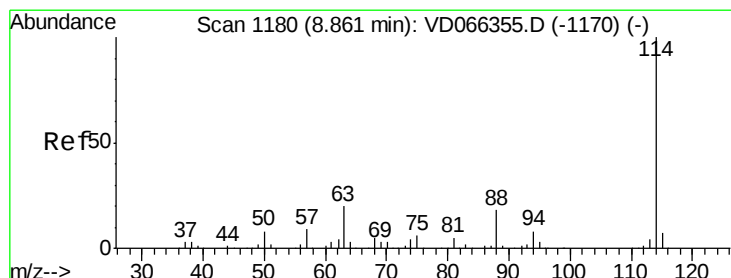
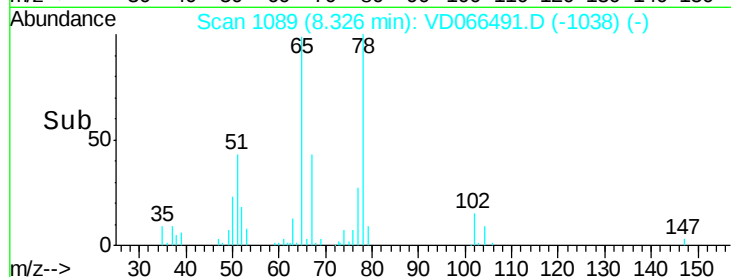
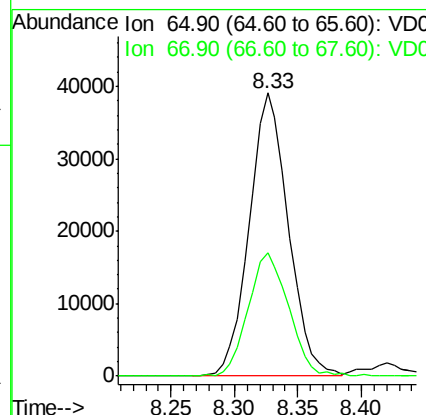
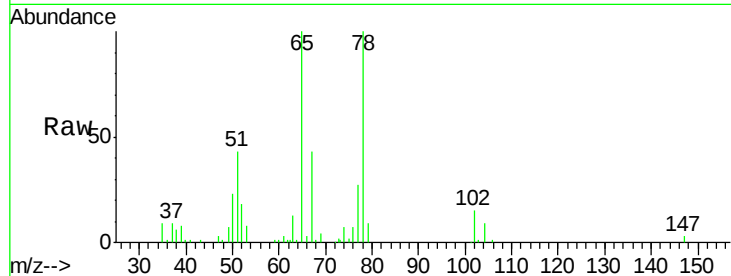
#33
 1,2-Dichloroethane-d4
 Concen: 58.852 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066491.D
 Acq: 31 Aug 2020 18:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	44.9	0.0	101.6

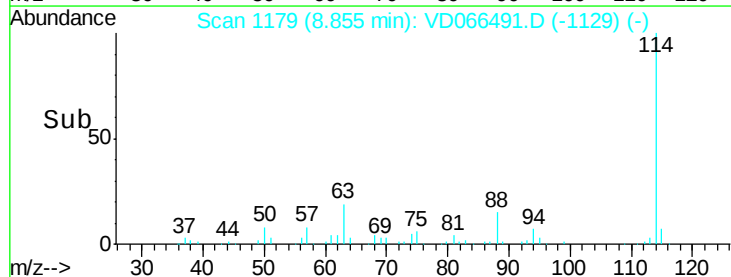
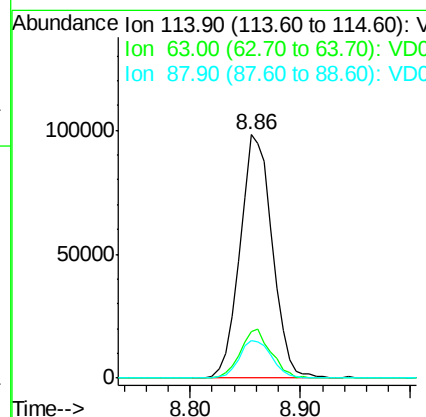
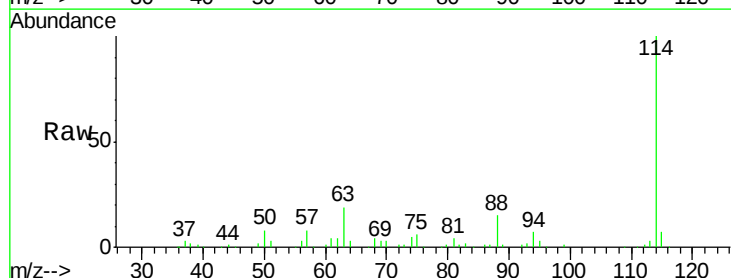
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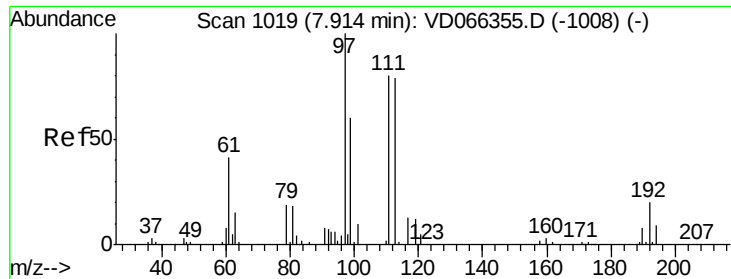
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: VD066491.D
 Acq: 31 Aug 2020 18:56

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	40.8
88	15.2	0.0	35.4





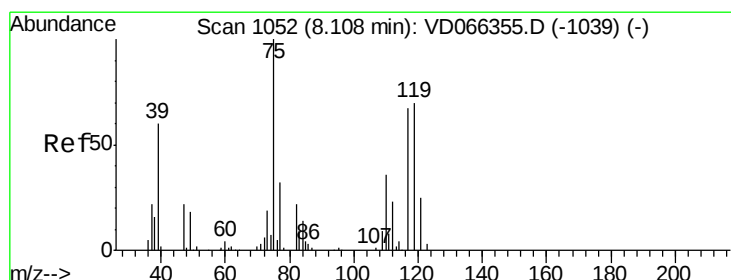
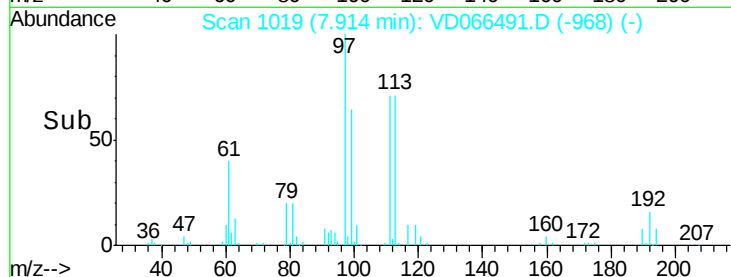
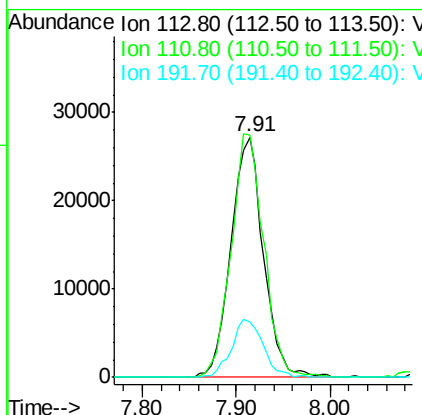
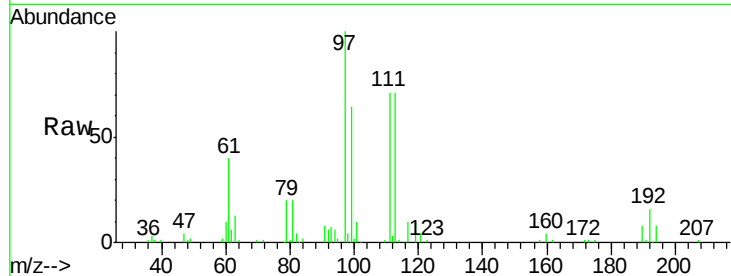
#35
 Dibromofluoromethane
 Concen: 51.599 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066491.D
 Acq: 31 Aug 2020 18:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	80.3	120.5
192	23.6	19.0	28.6

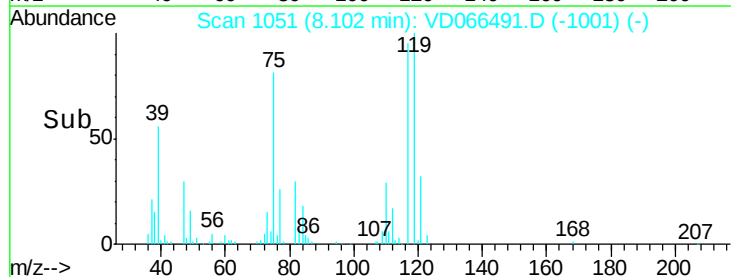
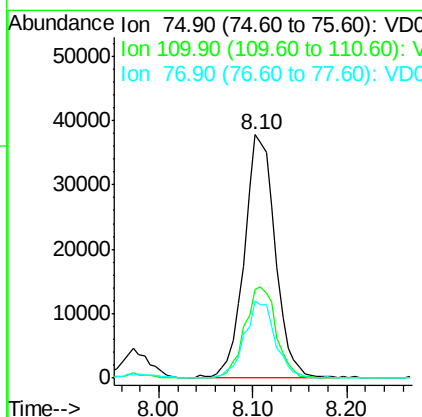
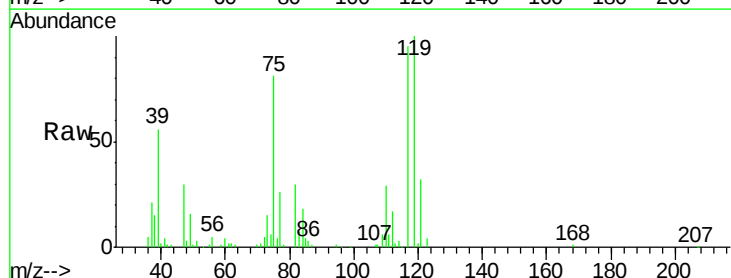
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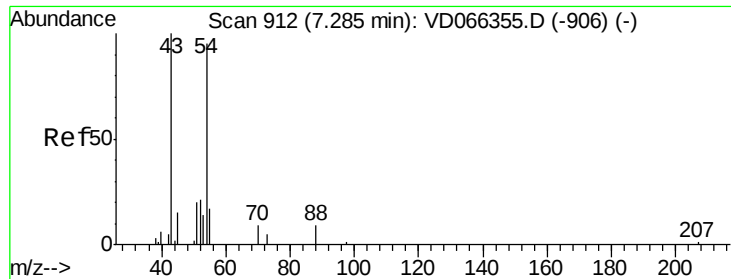
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#36
 1,1-Dichloropropene
 Concen: 46.801 ug/l
 RT: 8.10 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VD066491.D
 Acq: 31 Aug 2020 18:56

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.1	18.7	56.1
77	31.3	25.2	37.8





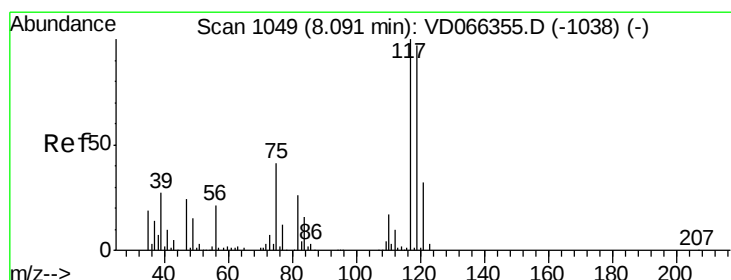
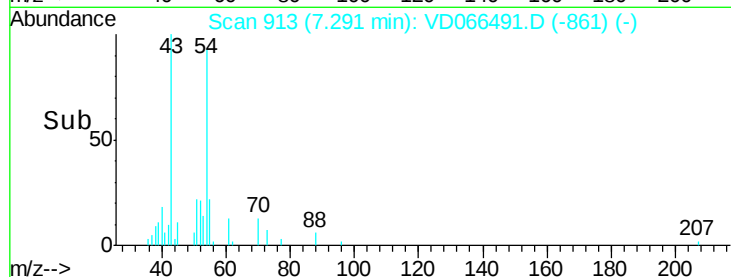
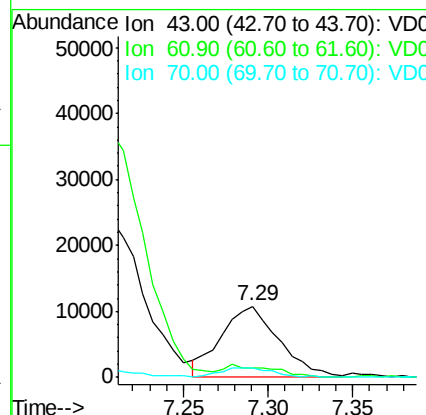
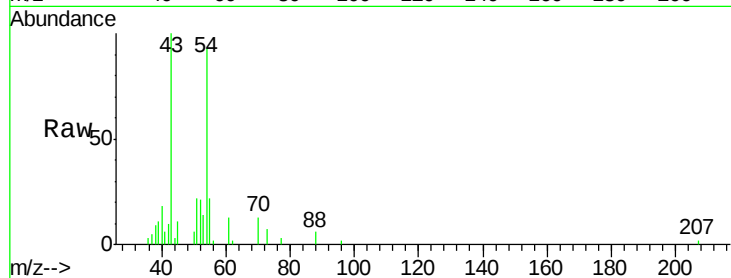
#37
Ethyl Acetate
Concen: 41.149 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.6	13.3	19.9
70	12.5	3.5	5.3

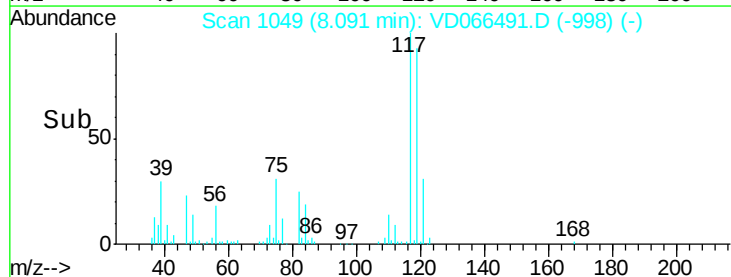
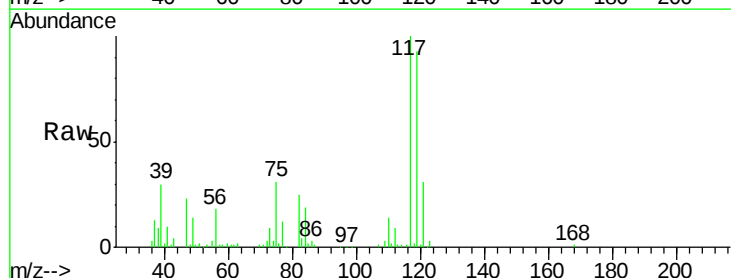
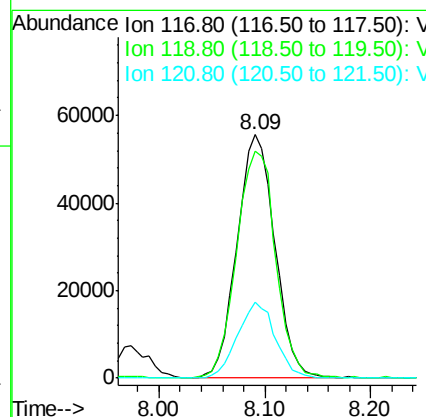
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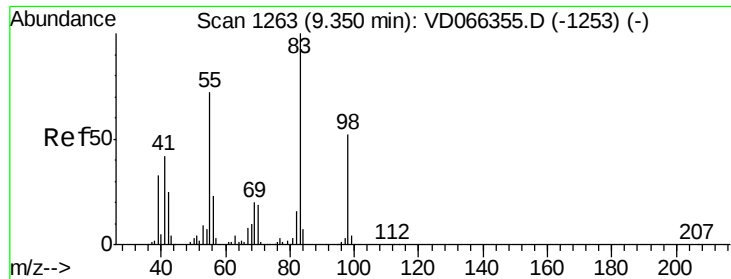
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#38
Carbon Tetrachloride
Concen: 57.633 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.0	77.2	115.8
121	31.1	25.8	38.8





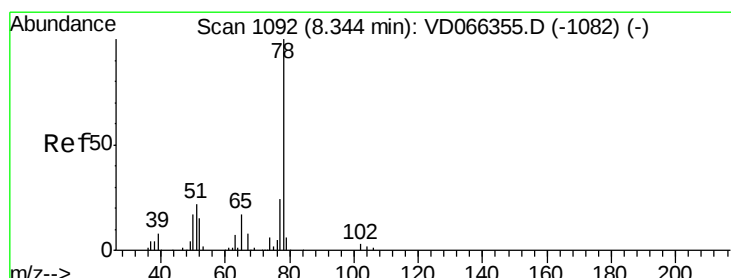
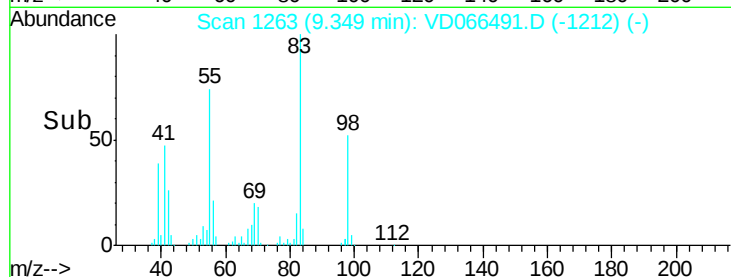
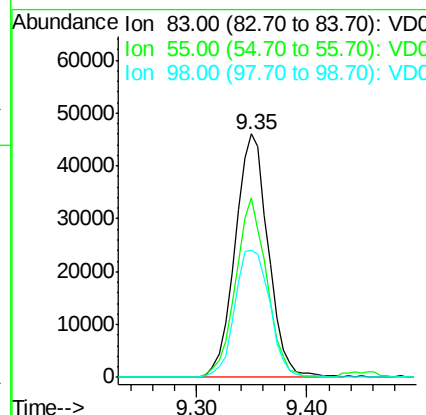
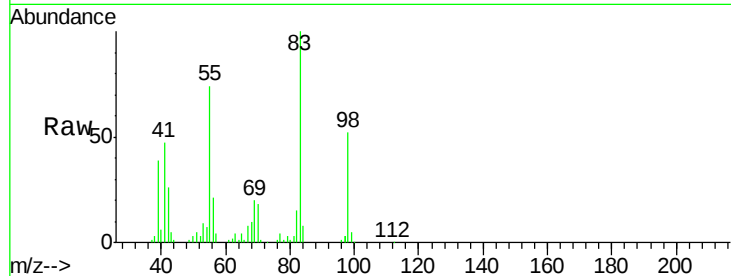
#39
Methvlcvclohexane
Concen: 44.658 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.6	58.0	87.0
98	52.4	41.9	62.9

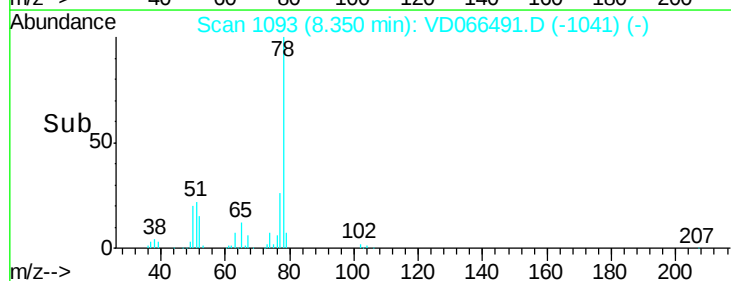
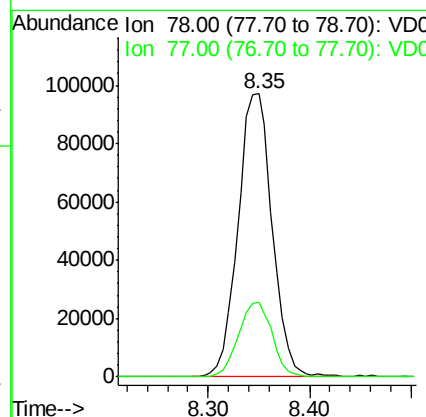
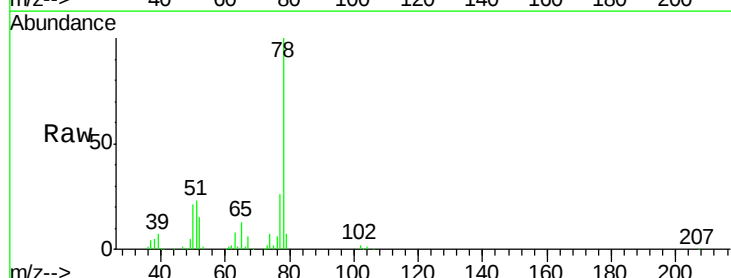
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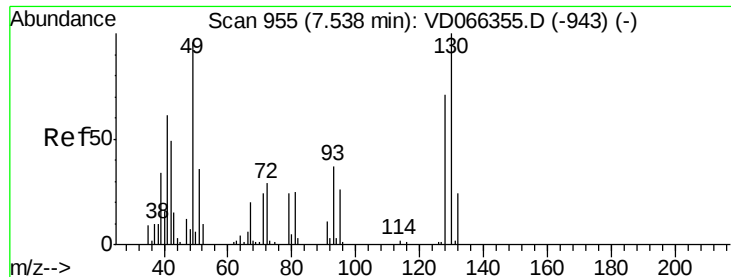
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#40
Benzene
Concen: 46.798 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Tgt Ion	Ratio	Lower	Upper
78	100		
77	26.4	18.8	28.2





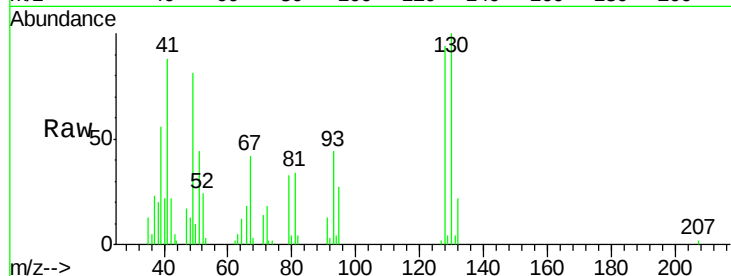
#41
Methacrylonitrile
Concen: 46.623 ug/l m
RT: 7.53 min Scan# 953
Delta R.T. -0.01 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

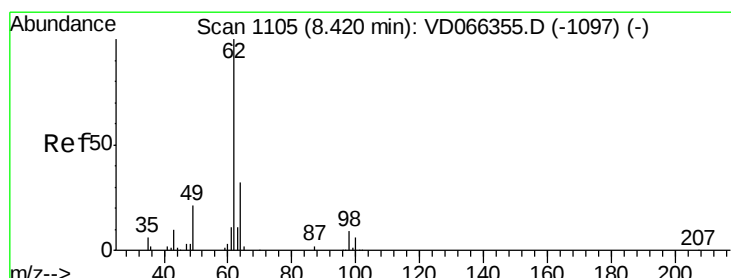
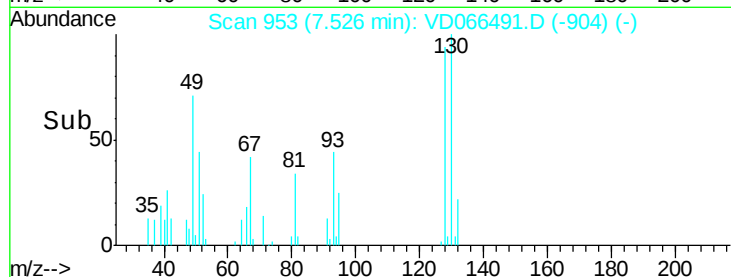
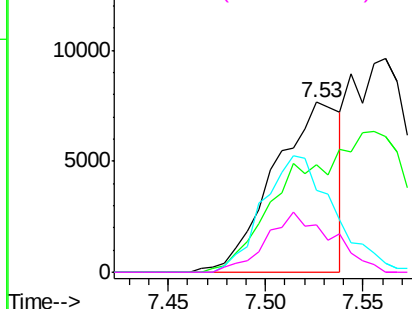
Tot Ion	Ratio	Lower	Upper
41	100		
39	150.7	51.8	77.8#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

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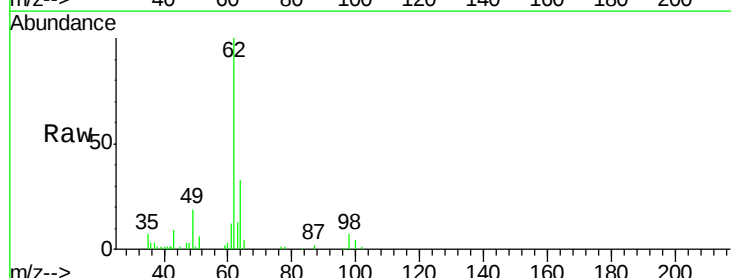


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

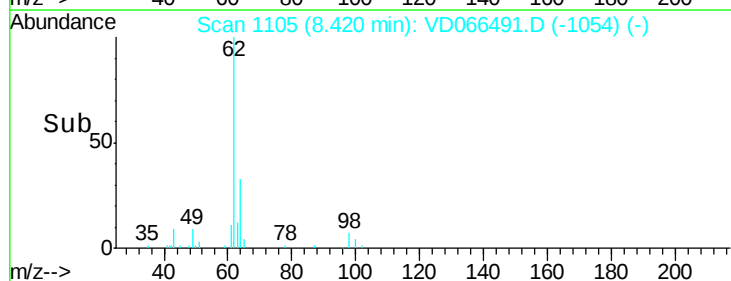
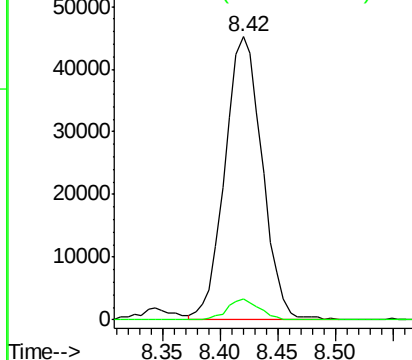


#42
1,2-Dichloroethane
Concen: 59.394 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Tgt Ion	Ratio	Lower	Upper
62	100		
98	6.4	0.0	16.2



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC





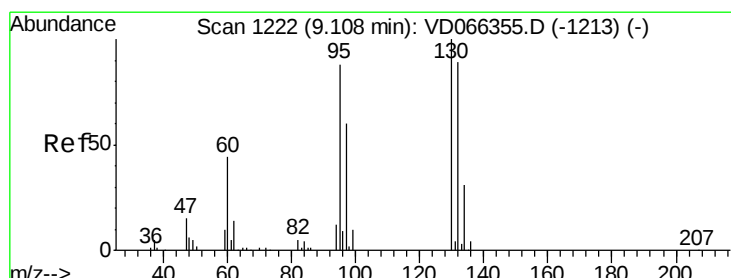
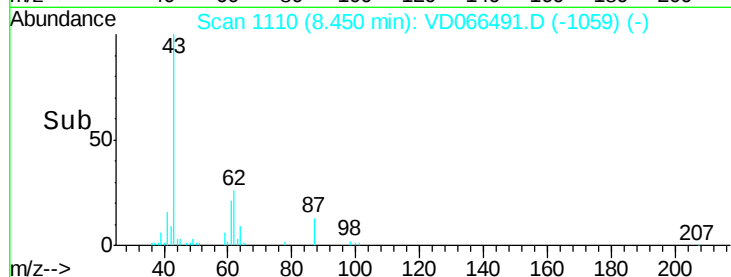
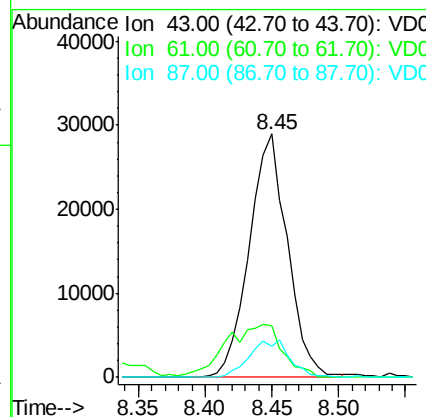
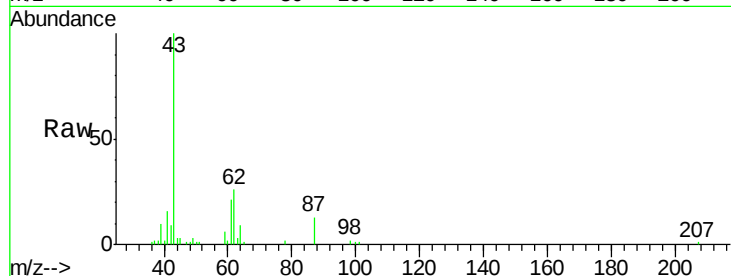
#43
Isopropyl Acetate
Concen: 45.596 ug/l
RT: 8.45 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	57358
Ion	Ratio	Lower	Upper
43	100		
61	32.6	26.5	39.7
87	16.1	11.9	17.9

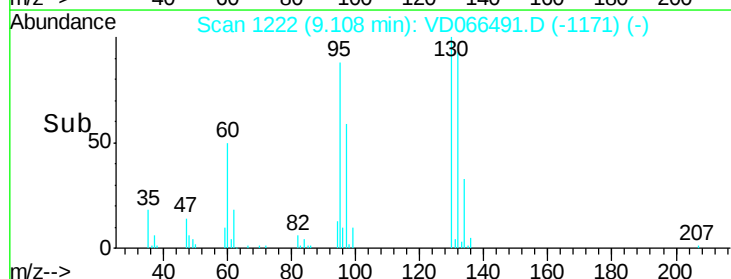
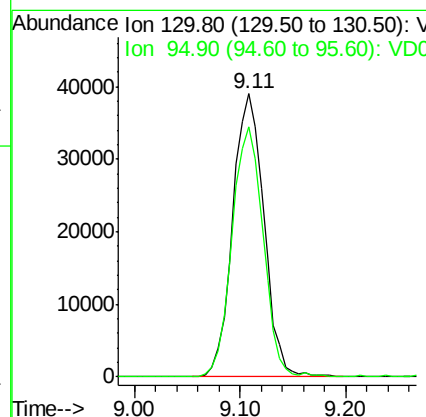
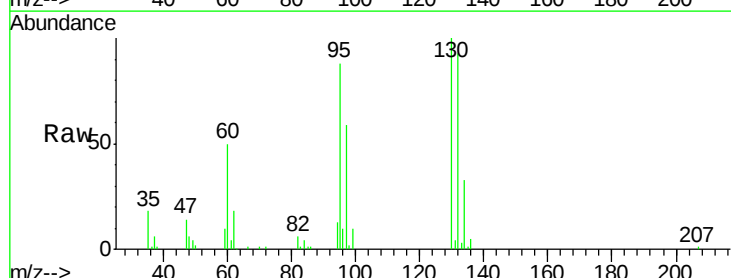
Manual Integrations
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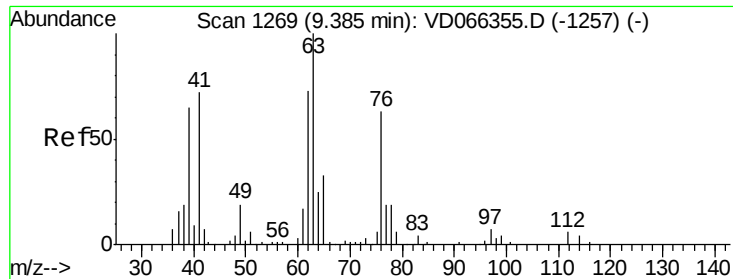
MMDadoda
9/1/2020 12:38:58 PM



#44
Trichloroethene
Concen: 50.456 ug/l
RT: 9.11 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Tgt Ion	130	Resp	79478
Ion	Ratio	Lower	Upper
130	100		
95	88.3	0.0	175.6





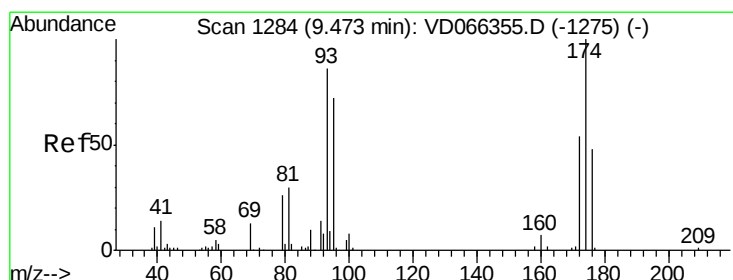
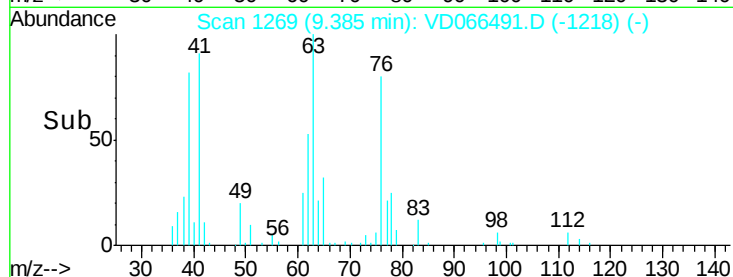
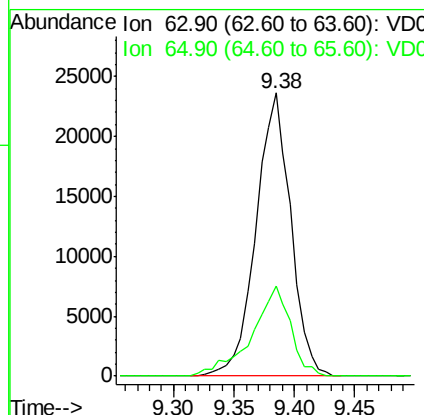
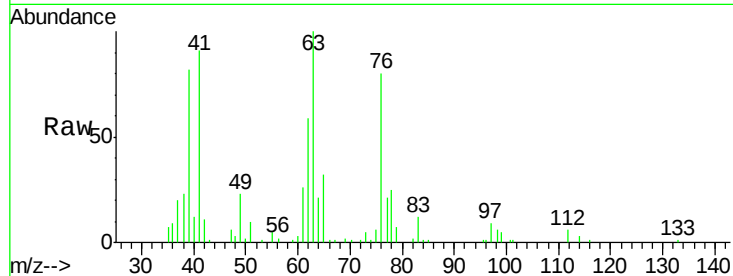
#45
 1,2-Dichloropropane
 Concen: 43.116 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VD066491.D
 Acq: 31 Aug 2020 18:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 47384
 Ion Ratio Lower Upper
 63 100
 65 31.8 26.4 39.6

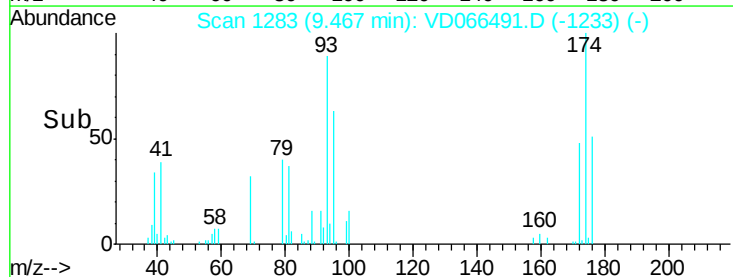
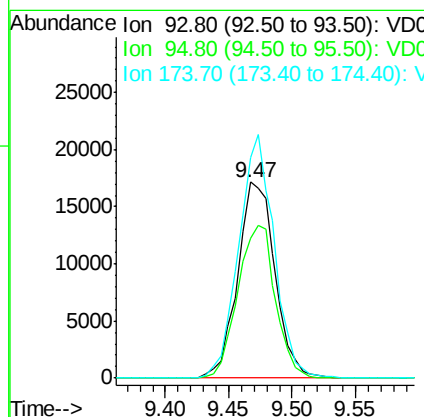
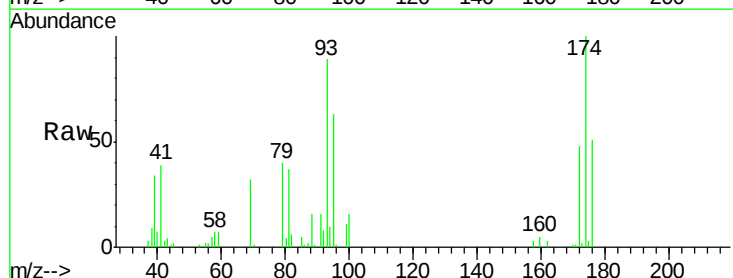
Manual Integrations
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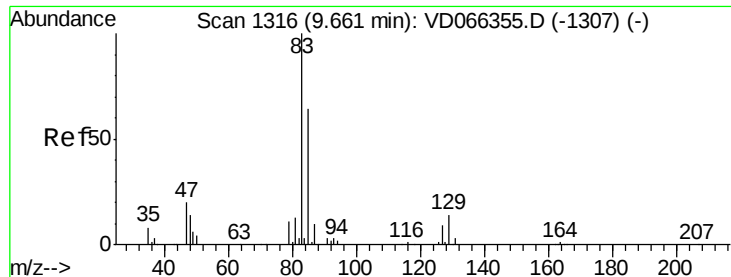
MMDadoda
 9/1/2020 12:38:58 PM



#46
 Dibromomethane
 Concen: 51.263 ug/l
 RT: 9.47 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: VD066491.D
 Acq: 31 Aug 2020 18:56

Tgt Ion: 93 Resp: 35077
 Ion Ratio Lower Upper
 93 100
 95 78.3 66.0 99.0
 174 117.4 94.6 141.8





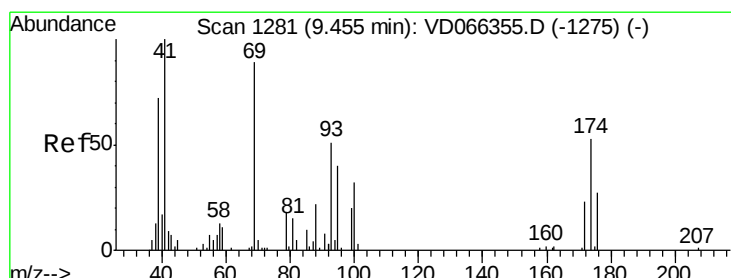
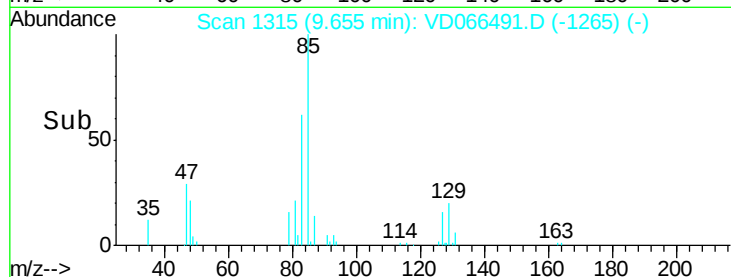
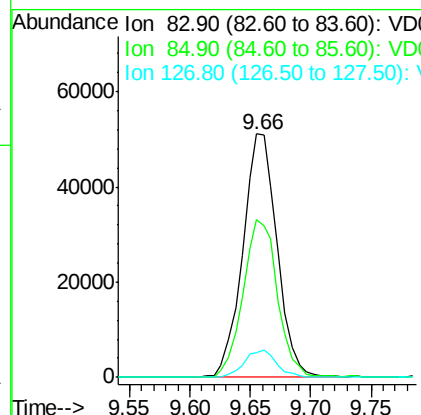
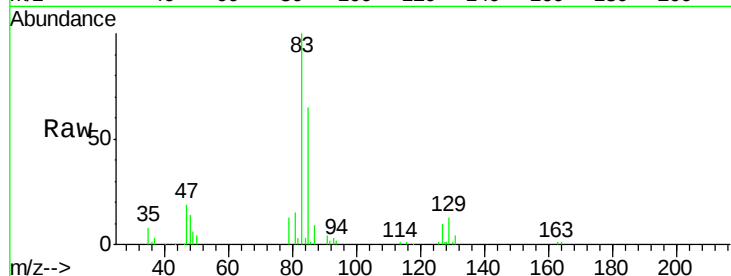
#47
Bromodichloromethane
Concen: 53.789 ug/l
RT: 9.66 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:	83	Resp:	101217
Ion Ratio	Lower	Upper	
83	100		
85	65.0	51.4	77.0
127	10.4	7.4	11.0

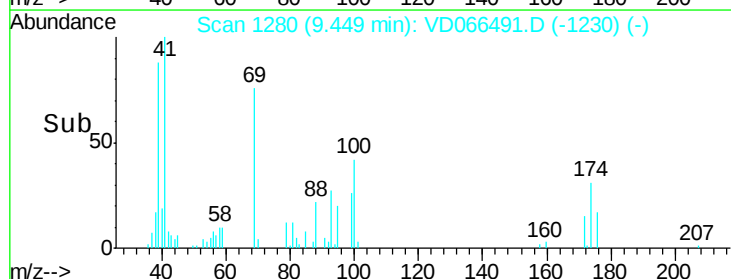
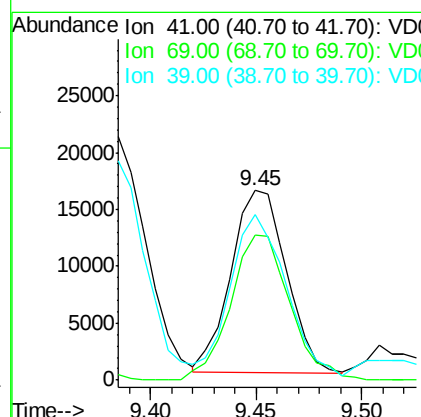
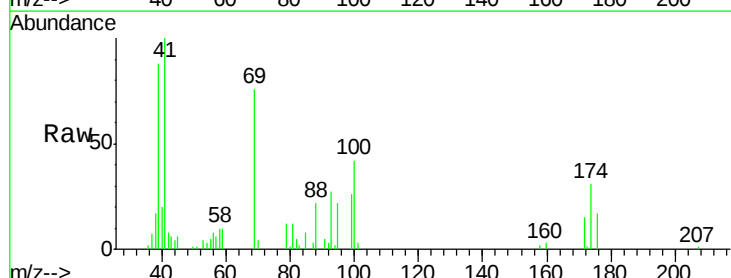
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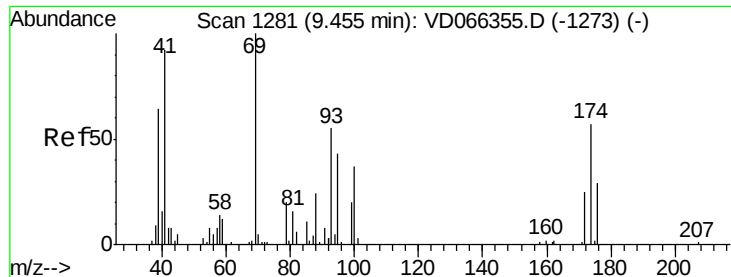
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#48
Methyl methacrylate
Concen: 44.997 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.01 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Tgt Ion:	41	Resp:	29189
Ion Ratio	Lower	Upper	
41	100		
69	85.2	75.5	113.3
39	93.4	57.0	85.4#





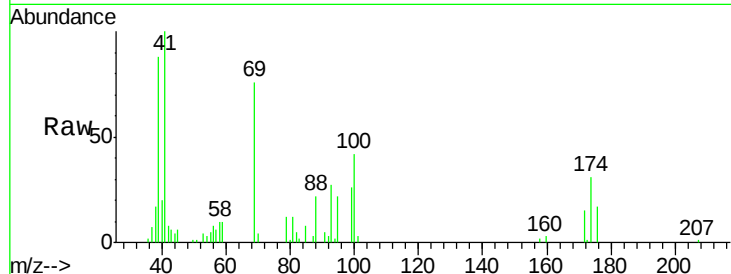
#49
1,4-Dioxane
Concen: 934.889 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.01 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	7428
Ion	Ratio	Lower	Upper
88	100		
43	35.3	29.4	44.0
58	53.4	45.4	68.2

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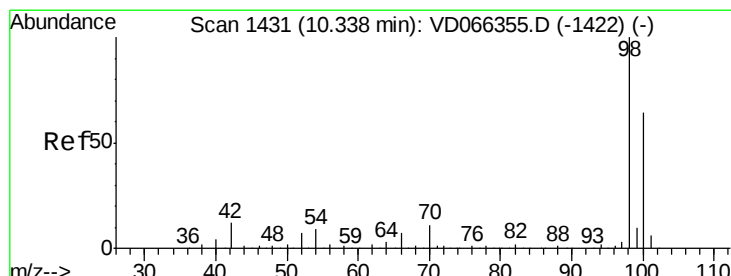
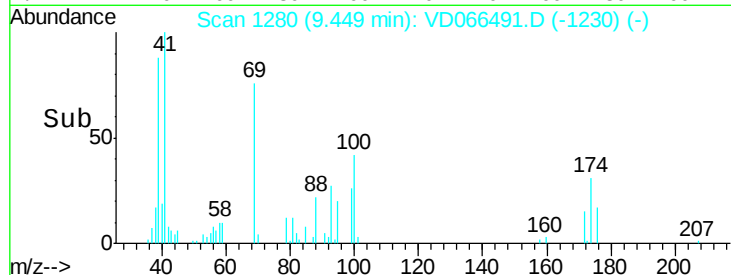
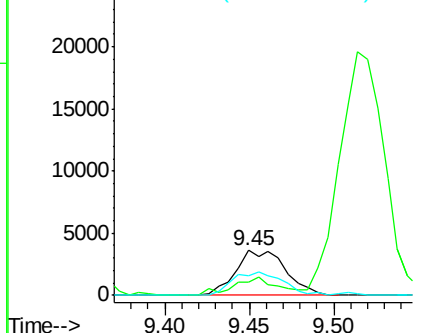


Abundance

Ion 88.00 (87.70 to 88.70): VDC

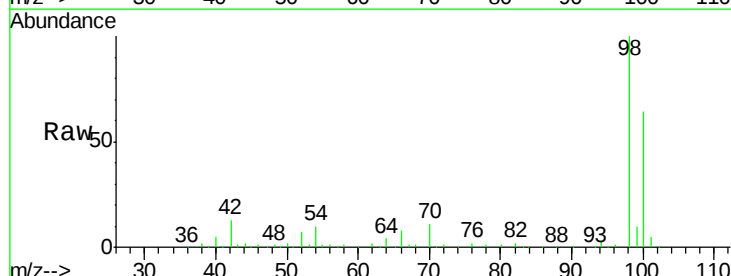
Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50
Toluene-d8
Concen: 52.332 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

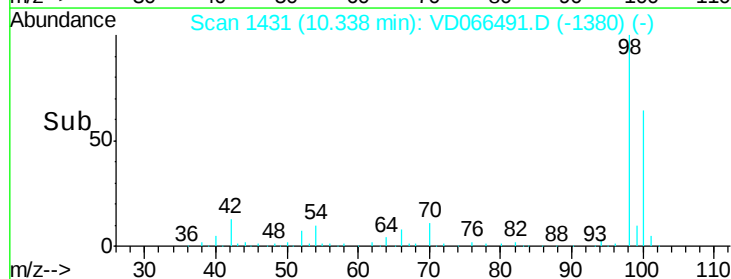
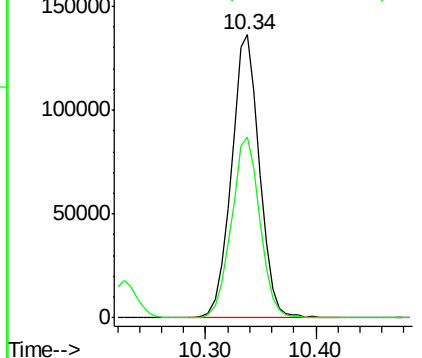
Tgt Ion	98	Resp	241807
Ion	Ratio	Lower	Upper
98	100		
100	65.3	53.0	79.4

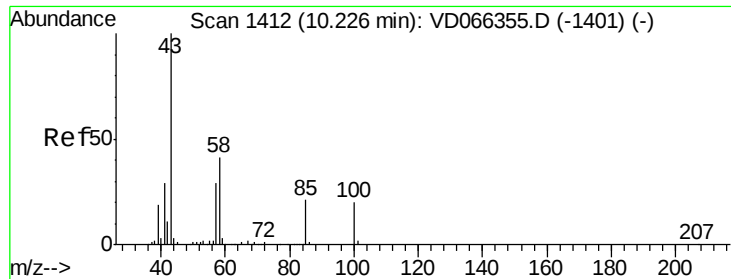


Abundance

Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





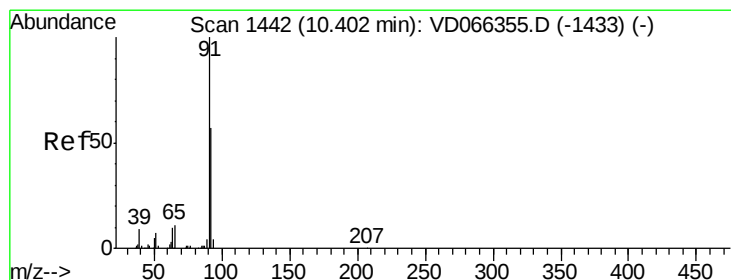
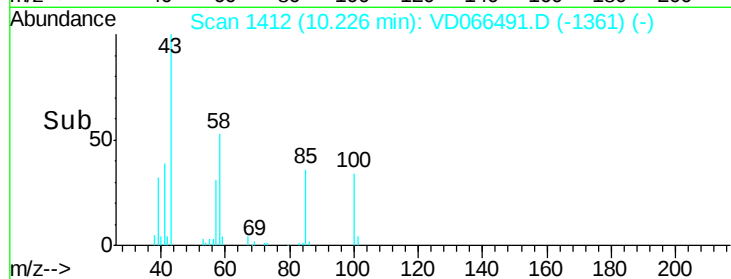
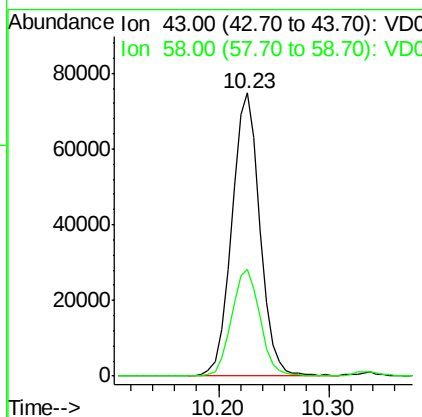
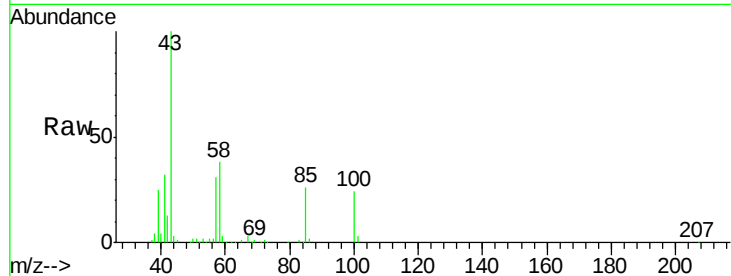
#51
 4-Methyl-2-Pentanone
 Concen: 219.170 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: VD066491.D
 Acq: 31 Aug 2020 18:56

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Tot Ion	43	Resp	133377
Ion Ratio	Lower	Upper	
43	100		
58	38.2	31.4	47.2

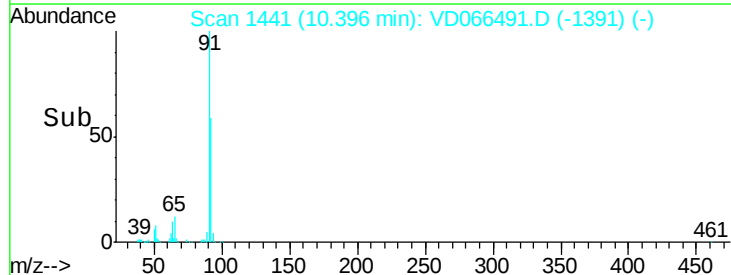
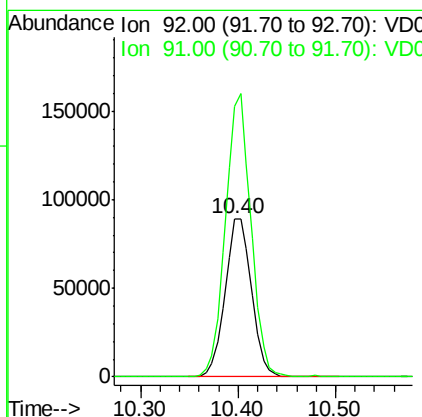
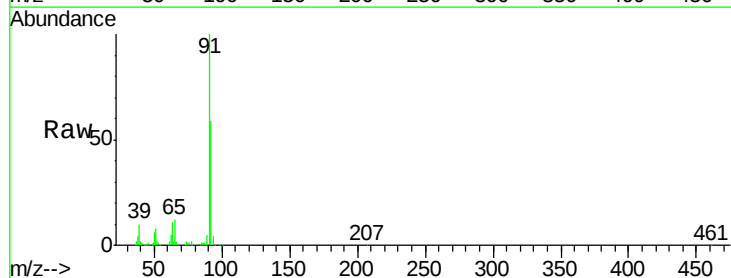
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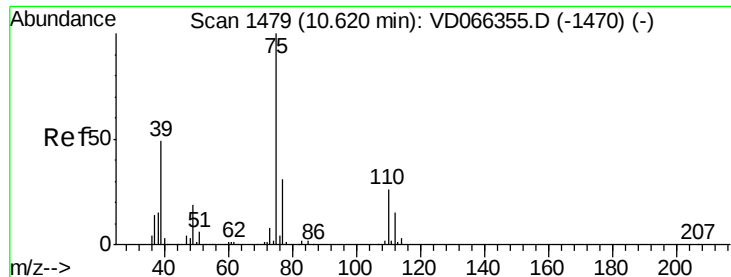
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#52
 Toluene
 Concen: 51.068 ug/l
 RT: 10.40 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VD066491.D
 Acq: 31 Aug 2020 18:56

Tgt Ion	92	Resp	167721
Ion Ratio	Lower	Upper	
92	100		
91	172.2	135.8	203.6





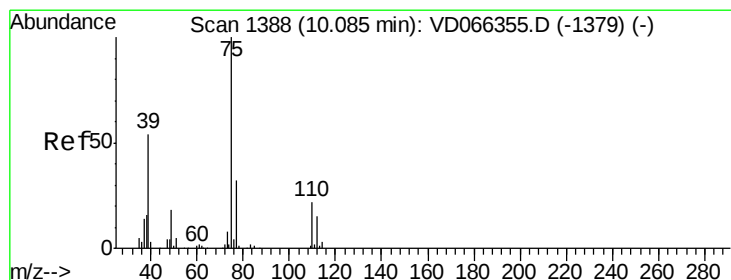
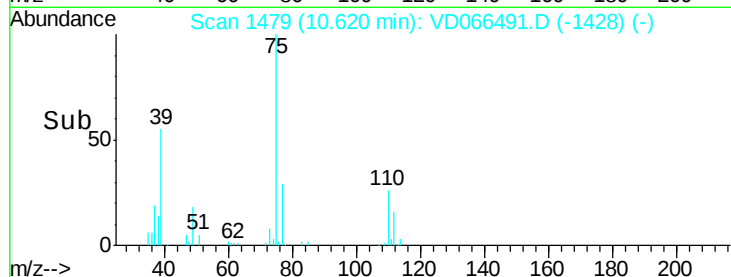
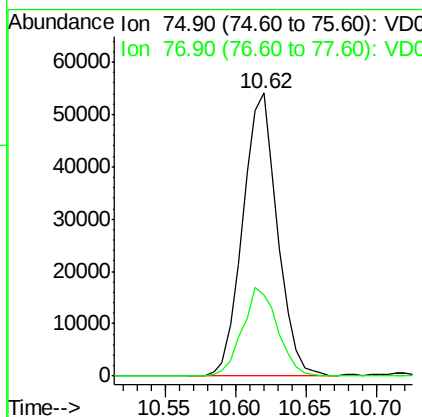
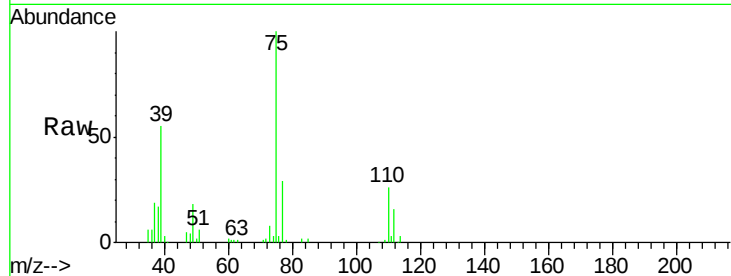
#53
 t-1,3-Dichloropropene
 Concen: 51.953 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: VD066491.D
 Acq: 31 Aug 2020 18:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 92765
 Ion Ratio Lower Upper
 75 100
 77 28.5 24.5 36.7

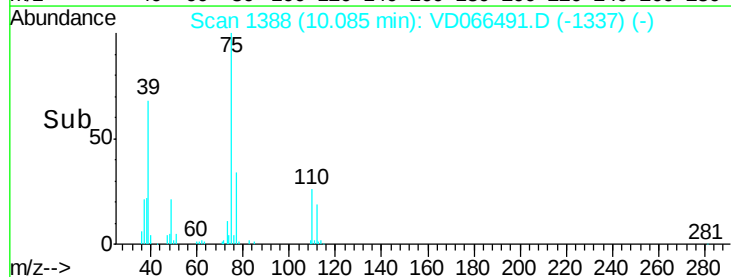
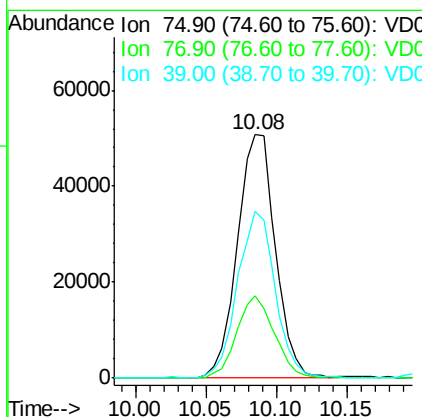
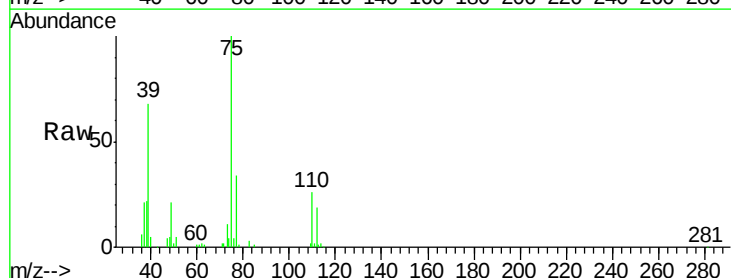
Manual Integrations
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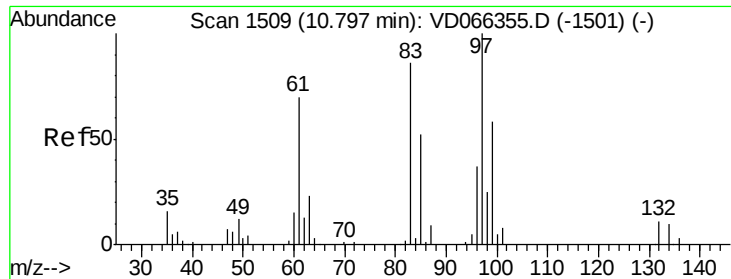
MMDadoda
 9/1/2020 12:38:58 PM



#54
 cis-1,3-Dichloropropene
 Concen: 47.954 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VD066491.D
 Acq: 31 Aug 2020 18:56

Tgt Ion: 75 Resp: 96110
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.6 38.4
 39 68.4 43.4 65.0#





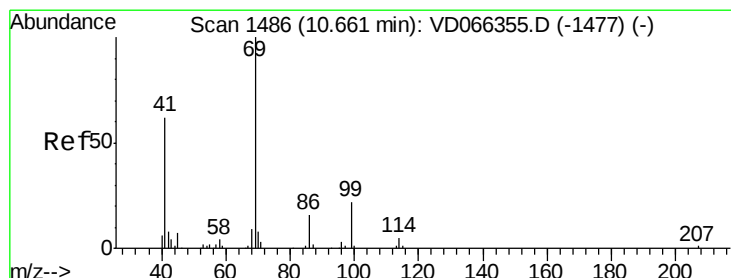
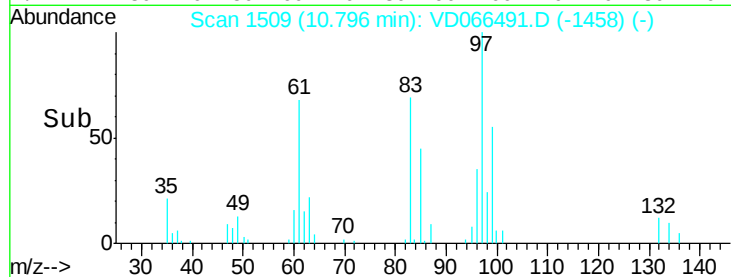
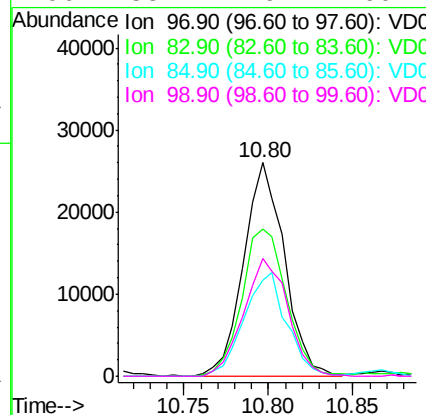
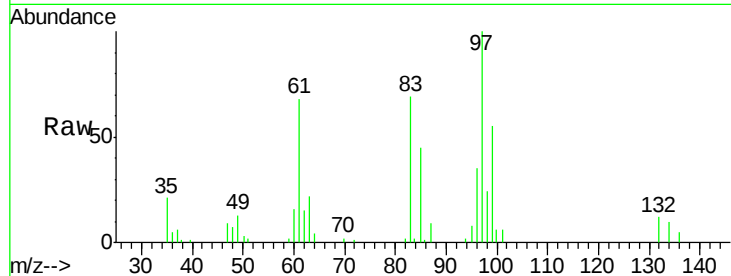
#55
 1,1,2-Trichloroethane
 Concen: 47.232 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VD066491.D
 Acq: 31 Aug 2020 18:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	43752
Ion	Ratio	Lower	Upper
97	100		
83	68.8	68.4	102.6
85	44.8	41.3	61.9
99	55.4	46.1	69.1

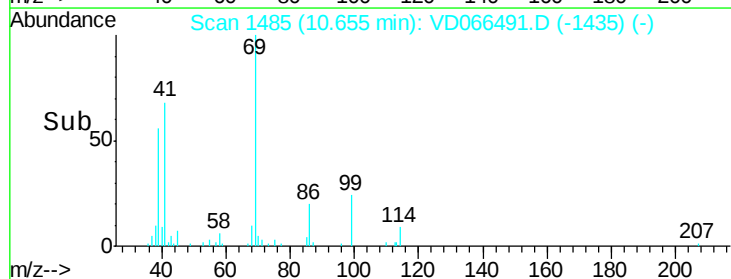
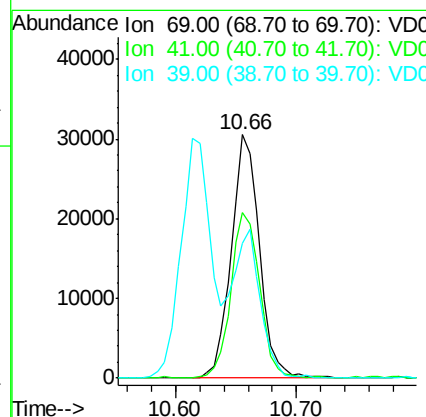
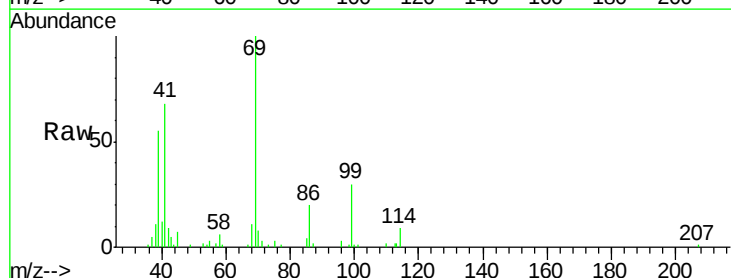
Manual Integrations
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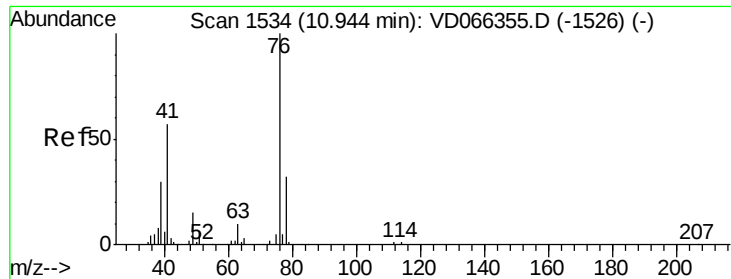
MMDadoda
 9/1/2020 12:38:58 PM



#56
 Ethyl methacrylate
 Concen: 46.233 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066491.D
 Acq: 31 Aug 2020 18:56

Tgt Ion:	69	Resp:	49577
Ion	Ratio	Lower	Upper
69	100		
41	69.4	50.8	76.2
39	60.5	32.9	49.3#





#57

1,3-Dichloropropane

Concen: 47.443 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 72695

Ion Ratio Lower Upper

76 100

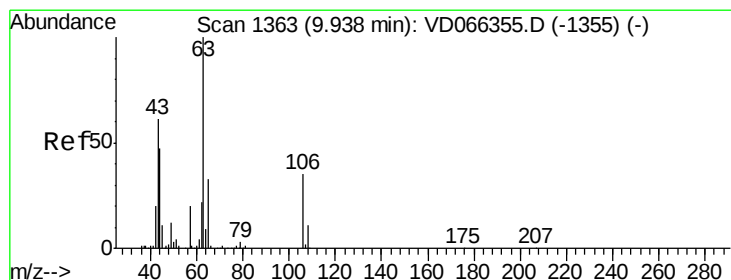
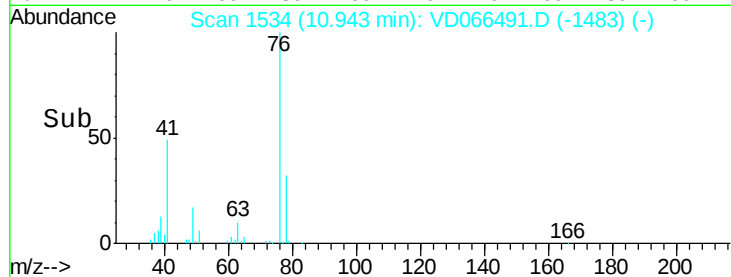
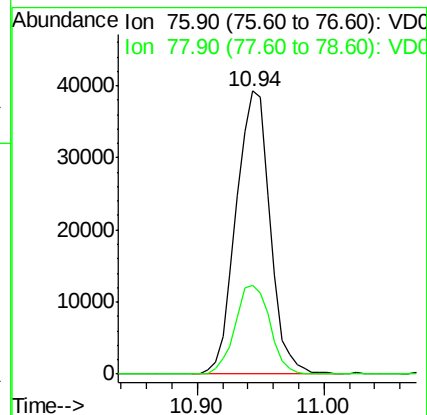
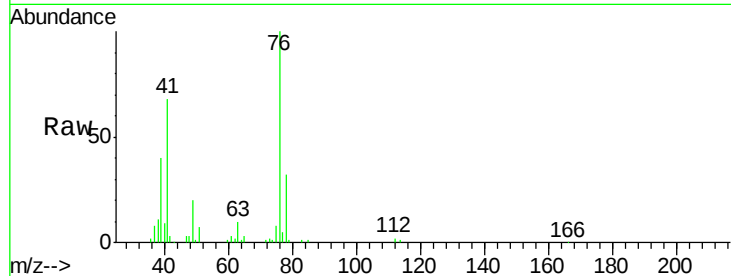
78 32.1 25.6 38.4

Manual Integrations

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9/1/2020 12:38:58 PM



#58

2-Chloroethyl Vinyl ether

Concen: 219.518 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VD066491.D

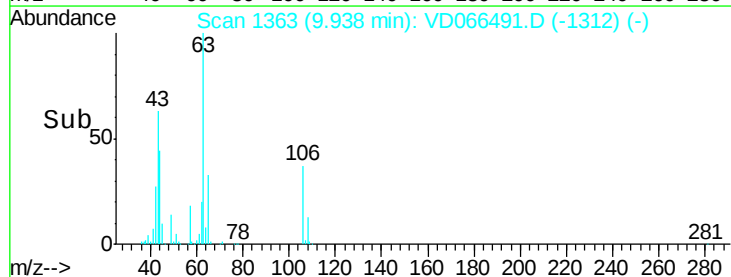
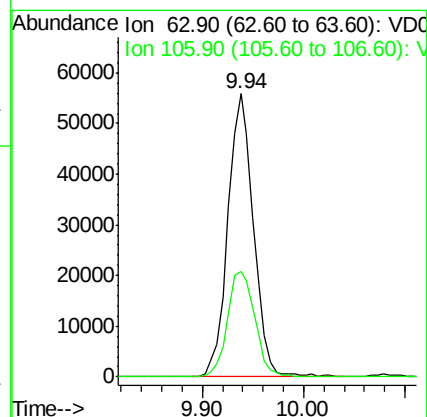
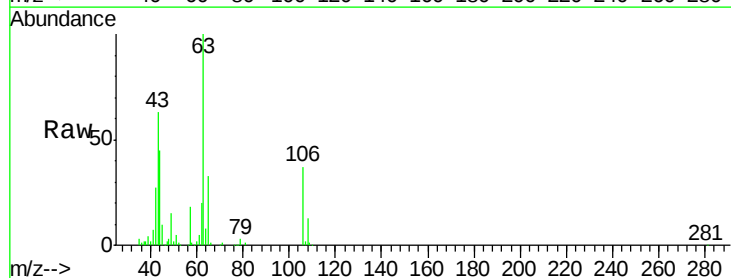
Acq: 31 Aug 2020 18:56

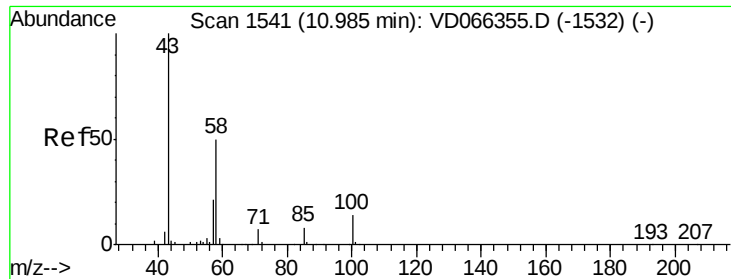
Tgt Ion: 63 Resp: 97767

Ion Ratio Lower Upper

63 100

106 39.8 27.1 40.7





#59

2-Hexanone

Concen: 218.395 ug/l

RT: 10.98 min Scan# 1540

Delta R.T. -0.01 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 93747

Ion Ratio Lower Upper

43 100

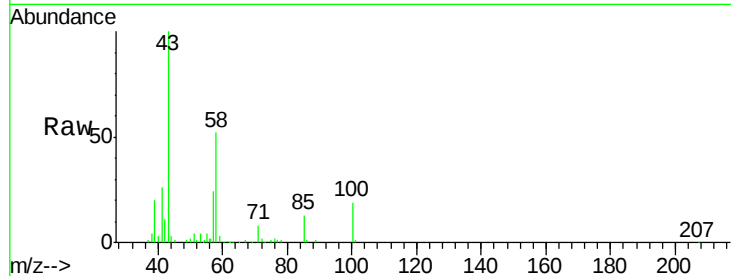
58 50.2 26.3 78.8

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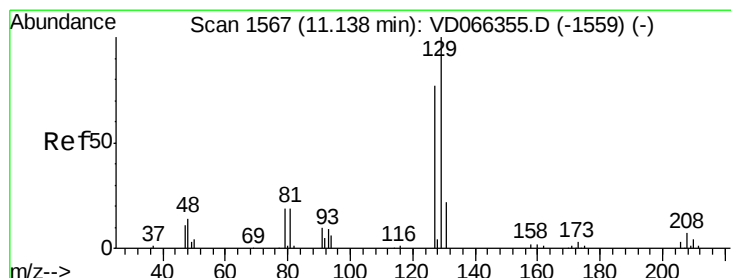
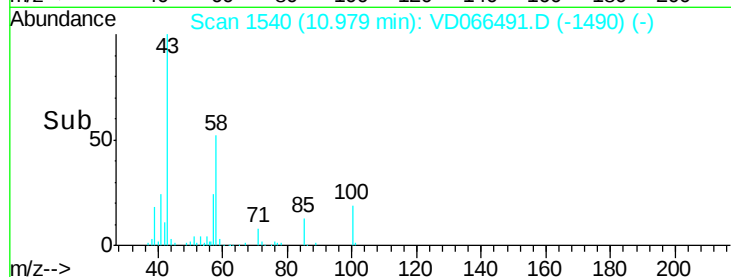
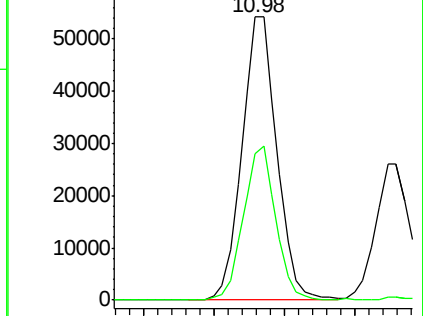
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#60

Dibromochloromethane

Concen: 52.222 ug/l

RT: 11.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VD066491.D

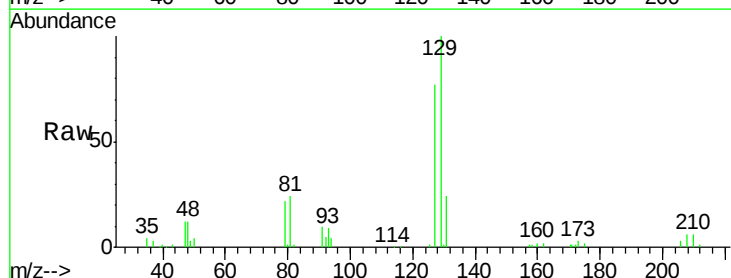
Acq: 31 Aug 2020 18:56

Tgt Ion:129 Resp: 72917

Ion Ratio Lower Upper

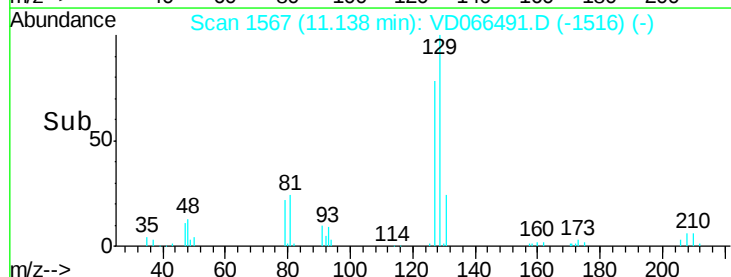
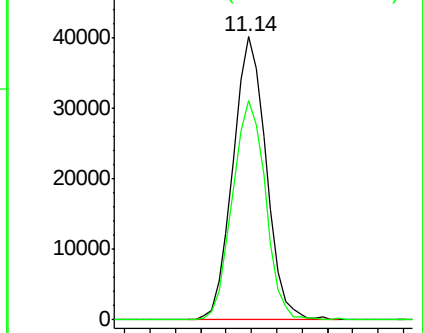
129 100

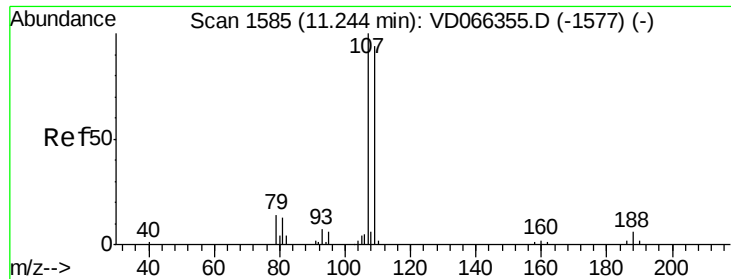
127 77.0 39.0 117.0



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





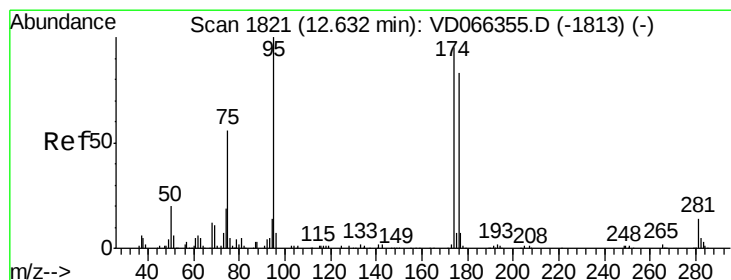
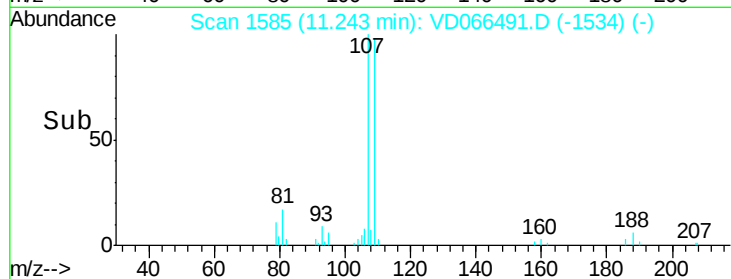
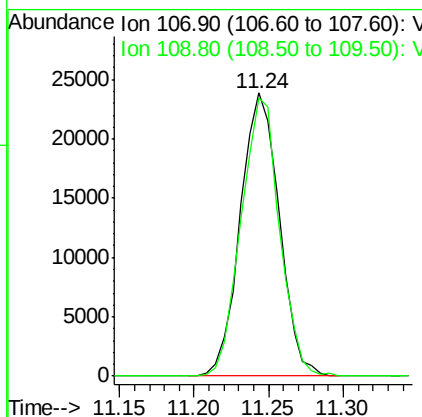
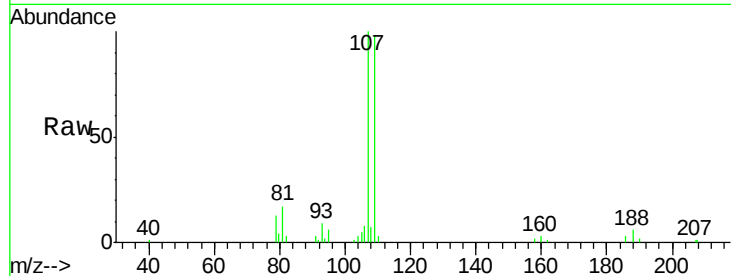
#61
 1,2-Dibromoethane
 Concen: 47.323 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066491.D
 Acq: 31 Aug 2020 18:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 107 Resp: 43140
 Ion Ratio Lower Upper
 107 100
 109 96.8 77.8 116.8

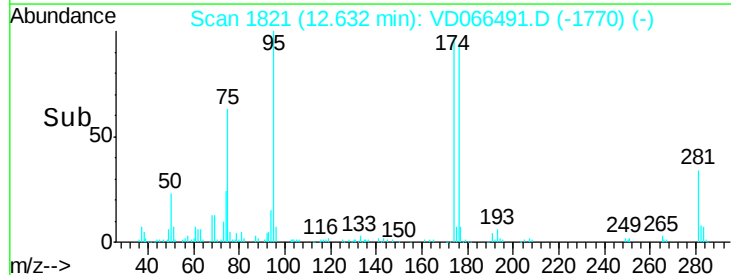
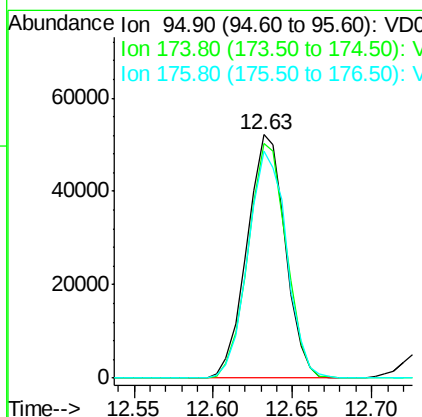
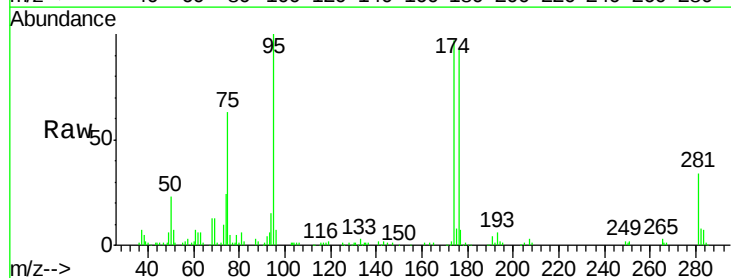
Manual Integrations
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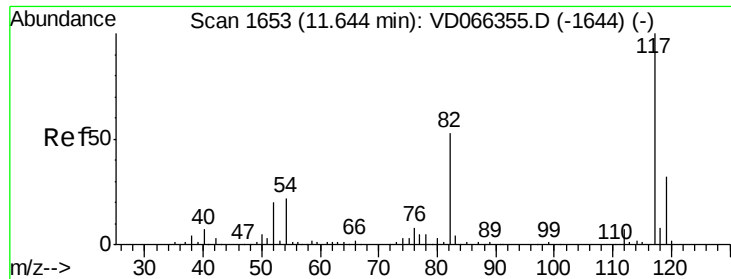
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 53.425 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066491.D
 Acq: 31 Aug 2020 18:56

Tgt Ion: 95 Resp: 87596
 Ion Ratio Lower Upper
 95 100
 174 95.9 0.0 183.4
 176 94.3 0.0 173.8





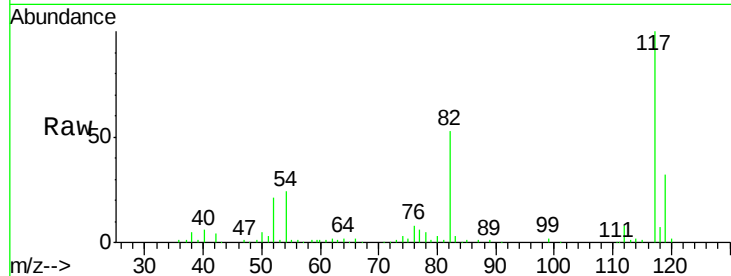
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	42.8	64.2
119	32.1	25.8	38.8

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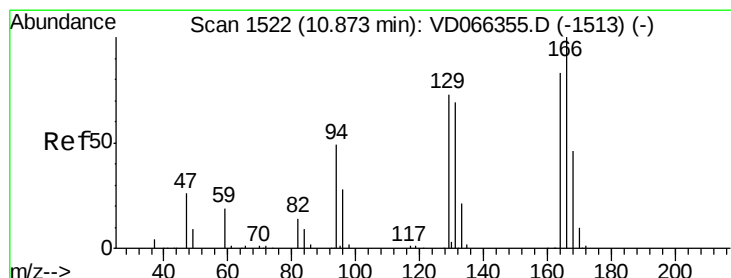
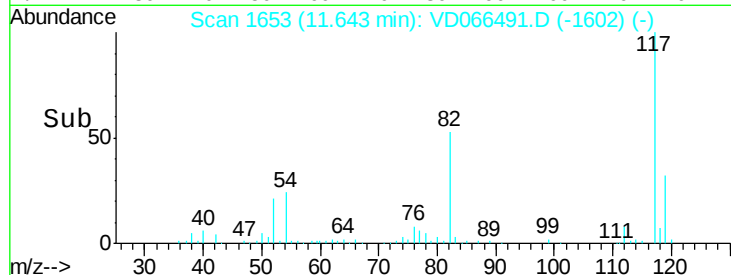
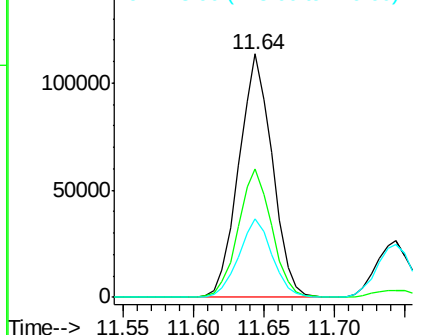


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 50.862 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.3	96.2	144.4
129	81.9	70.3	105.5
131	83.1	66.4	99.6

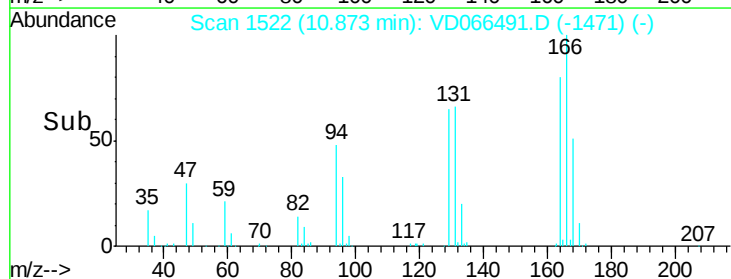
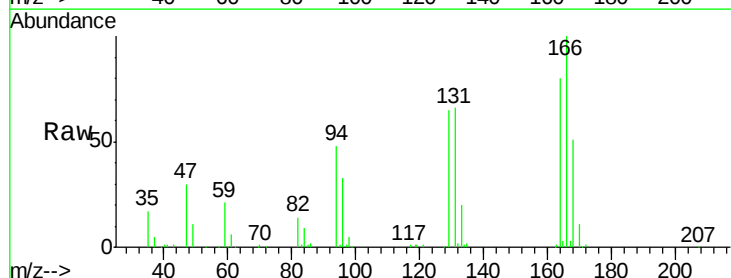
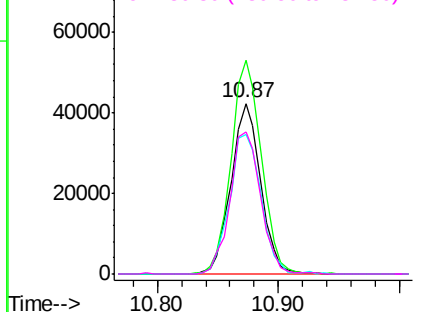
Abundance

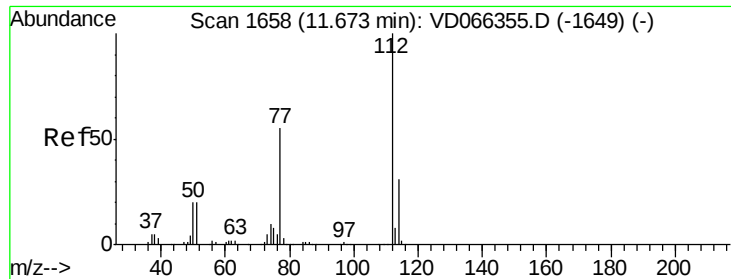
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





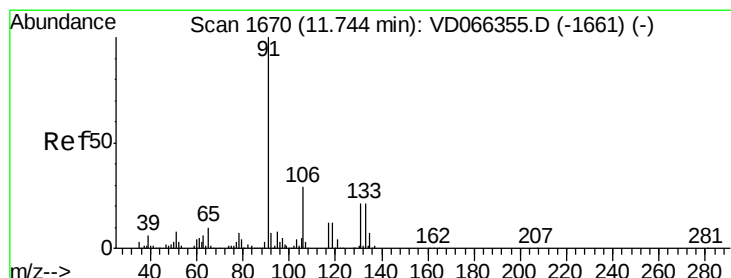
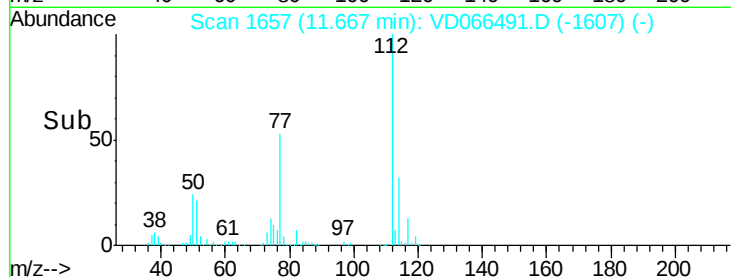
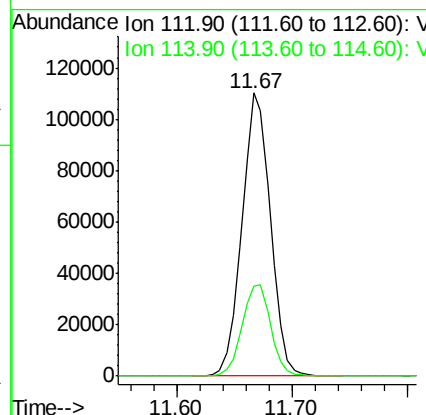
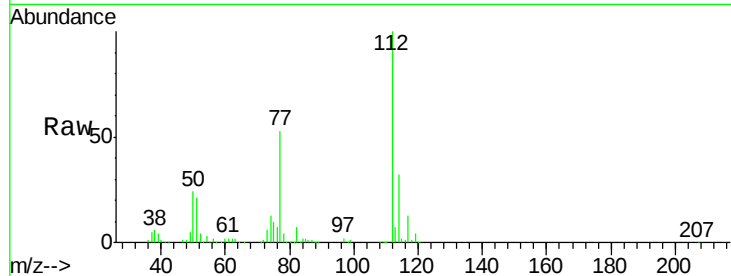
#65
Chlorobenzene
Concen: 50.114 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.1	37.7

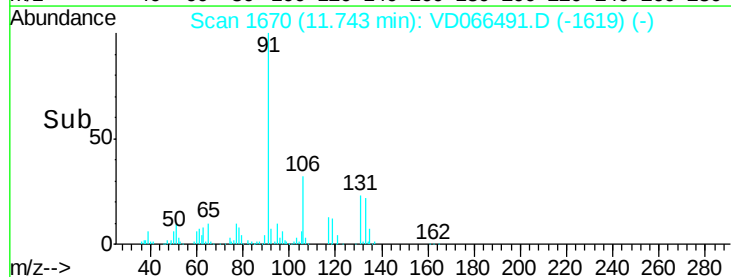
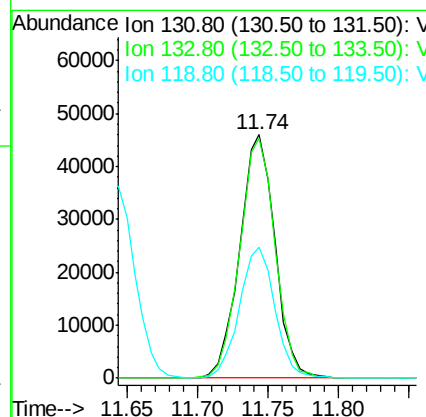
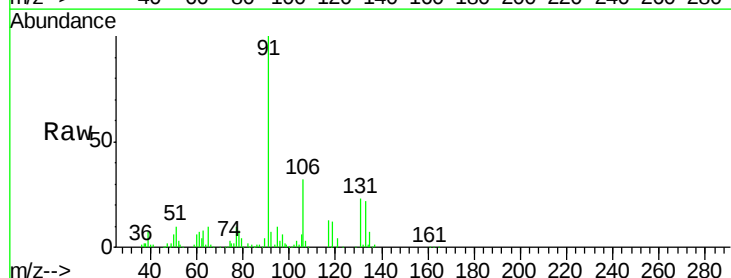
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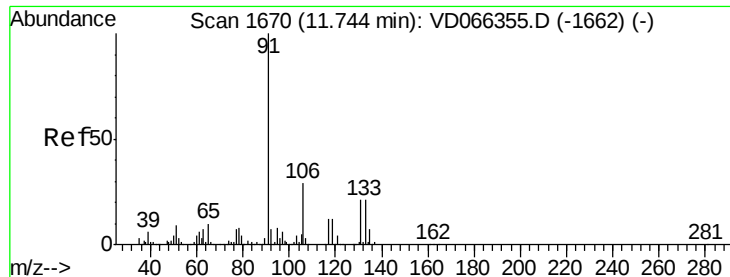
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.499 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Tgt Ion	Ratio	Lower	Upper
131	100		
133	98.4	48.6	145.9
119	54.1	29.0	87.1





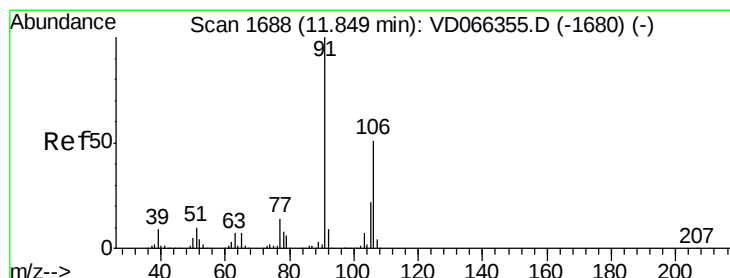
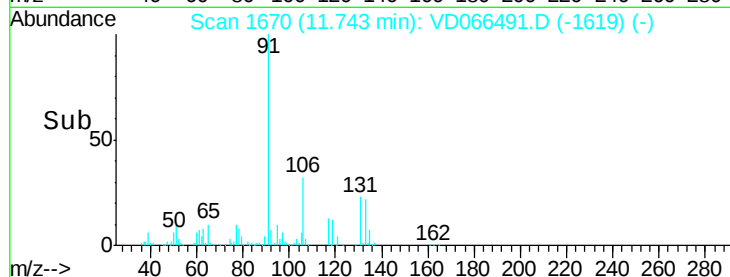
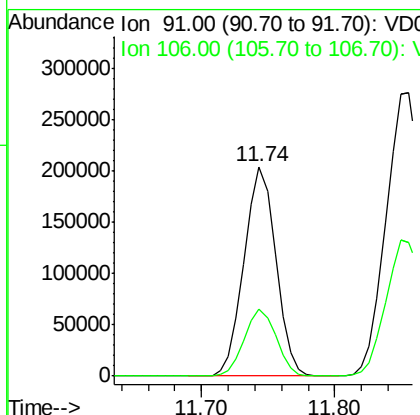
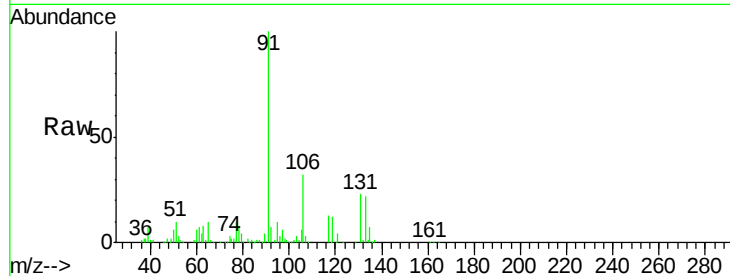
#67
Ethyl Benzene
Concen: 50.897 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 336008
Ion Ratio Lower Upper
91 100
106 31.8 23.4 35.2

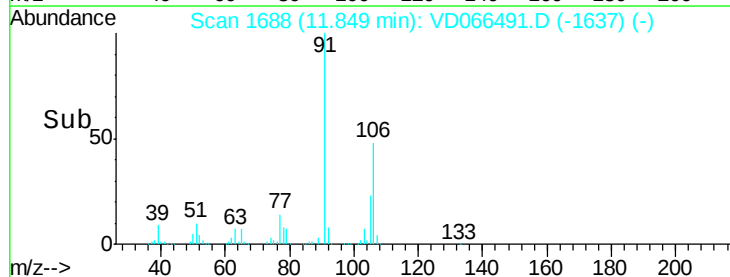
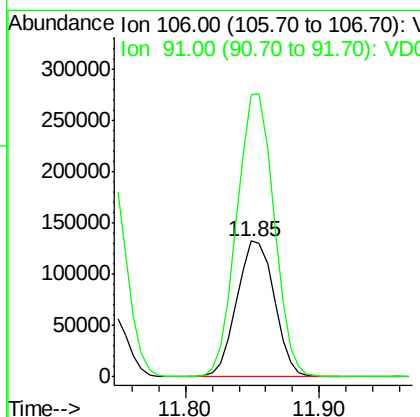
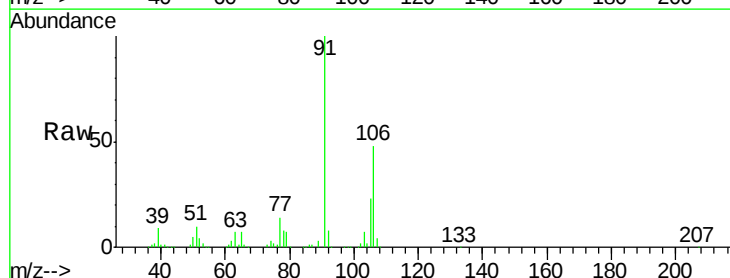
Manual Integrations
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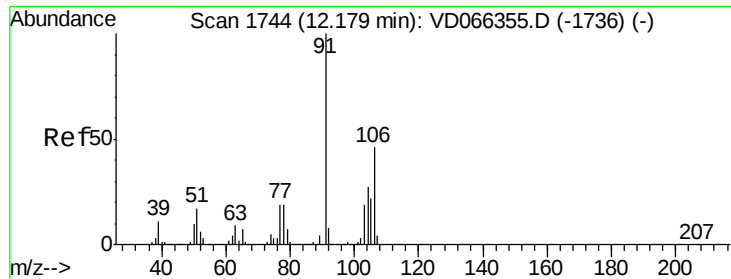
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9/1/2020 12:38:58 PM



#68
m/p-Xylenes
Concen: 103.031 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Tgt Ion: 106 Resp: 259252
Ion Ratio Lower Upper
106 100
91 206.3 160.7 241.1





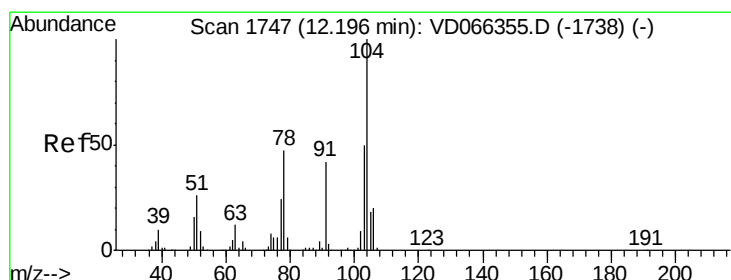
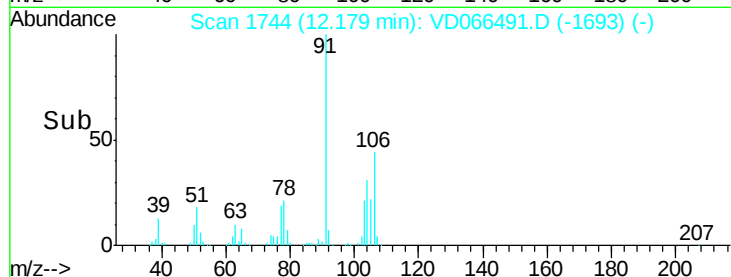
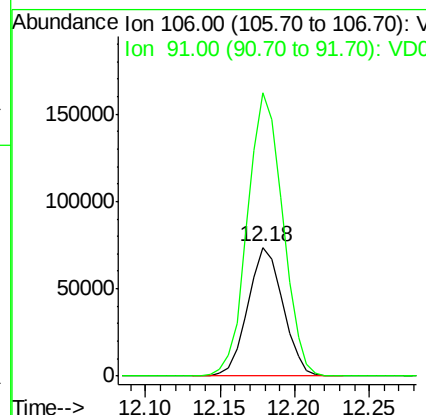
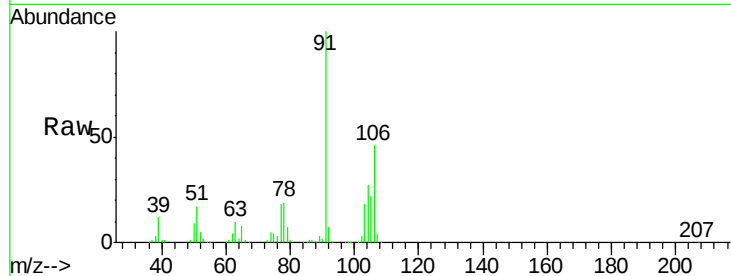
#69
o-Xylene
Concen: 51.194 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	119837		
91	91	221.2	109.1	327.3	

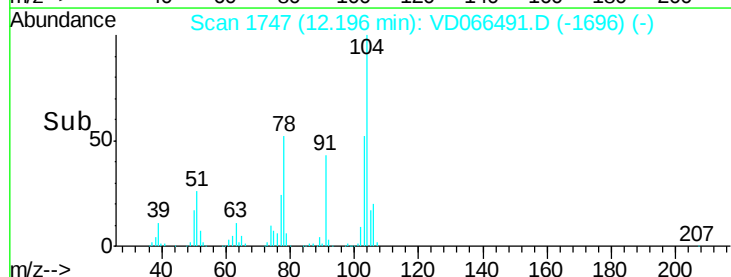
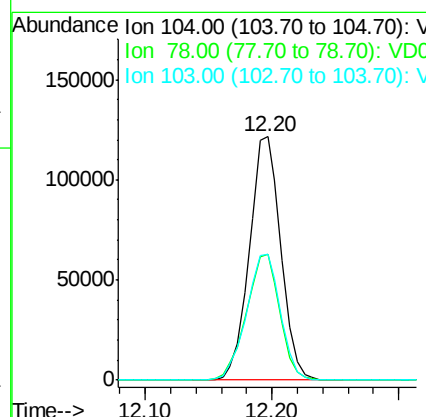
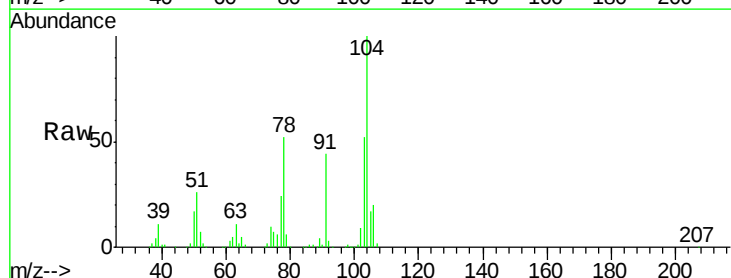
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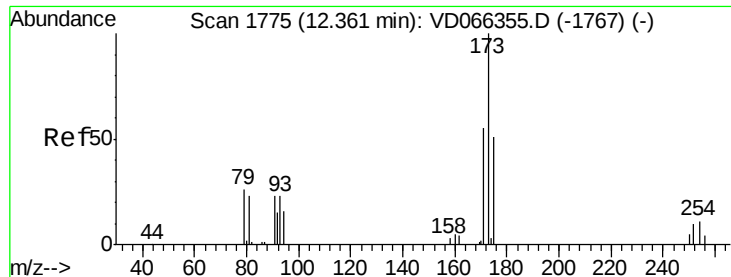
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#70
Styrene
Concen: 51.999 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	209001		
78	78	55.0	41.7	62.5	
103	103	55.6	43.5	65.3	





#71

Bromoform

Concen: 51.657 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 44918

Ion Ratio Lower Upper

173 100

175 47.2 24.8 74.3

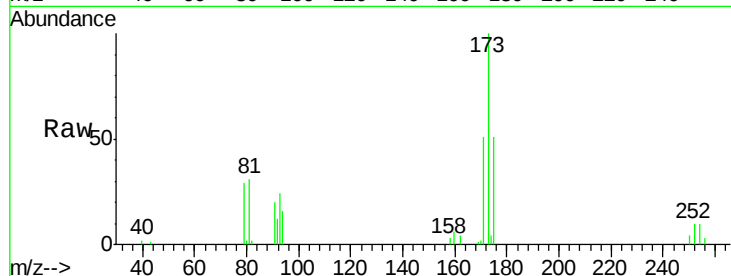
254 0.0 0.0 0.0

Manual Integrations

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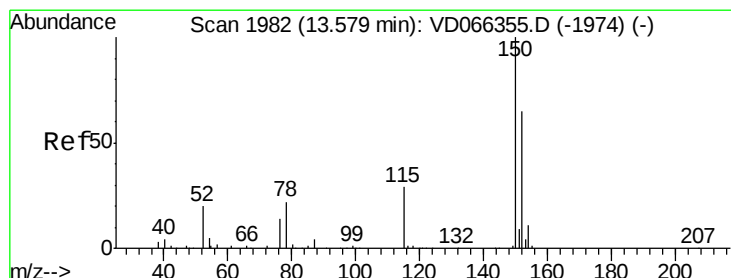
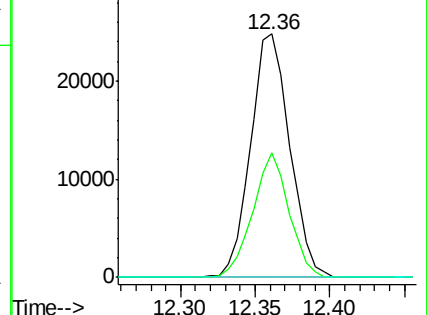
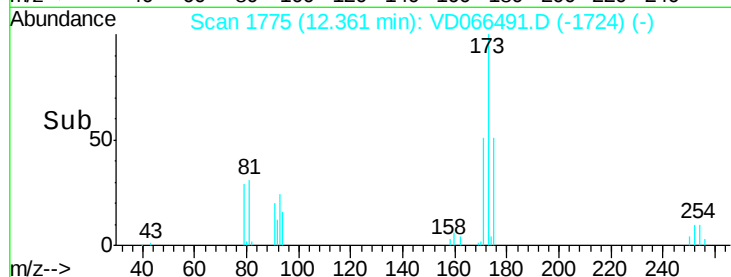
9/1/2020 12:38:58 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

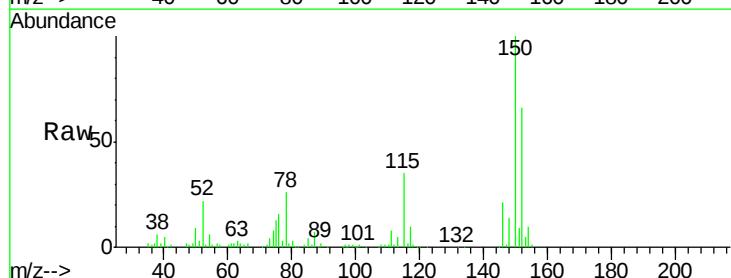
Tgt Ion:152 Resp: 105494

Ion Ratio Lower Upper

152 100

115 55.6 28.3 85.0

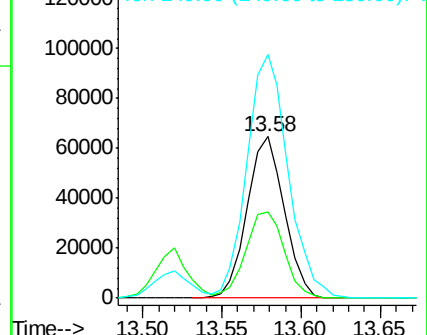
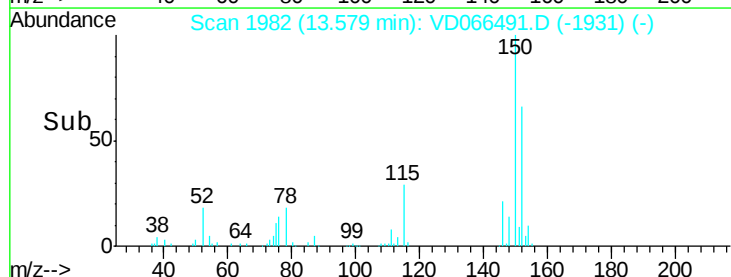
150 167.4 0.0 343.2

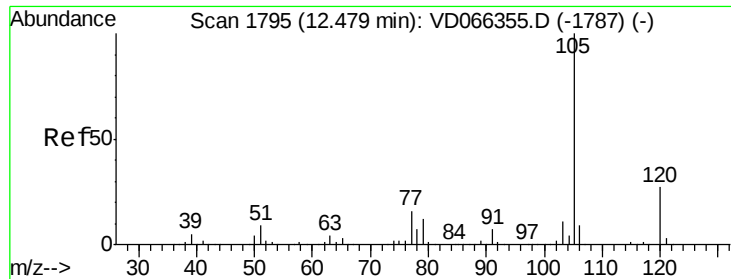


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





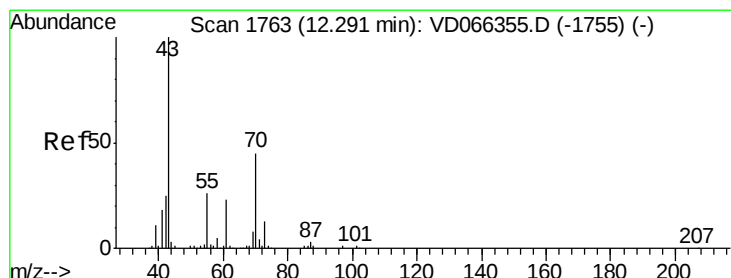
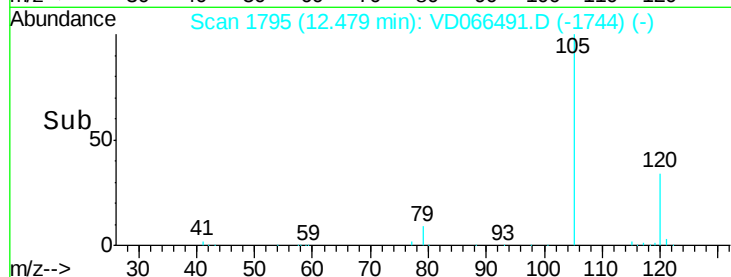
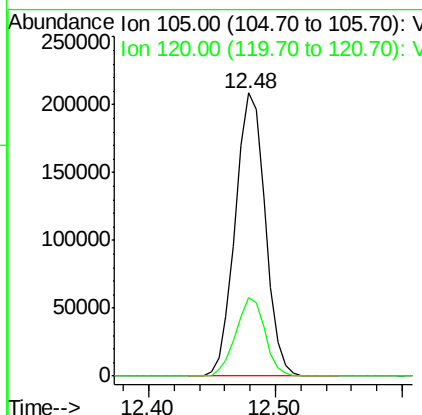
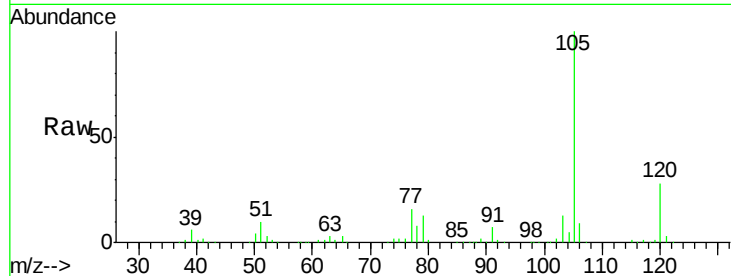
#73
Isopropylbenzene
Concen: 48.262 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 105 Resp: 341068
Ion Ratio Lower Upper
105 100
120 27.1 13.6 40.8

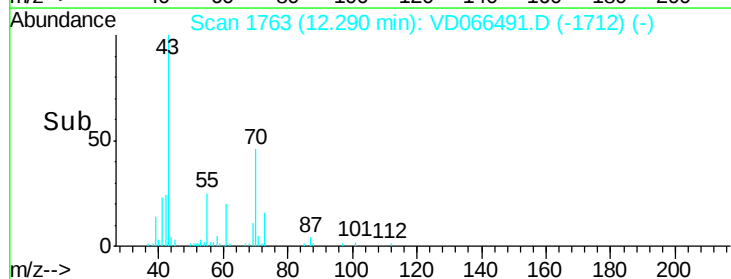
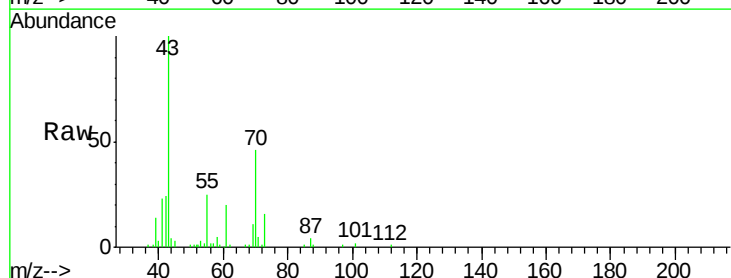
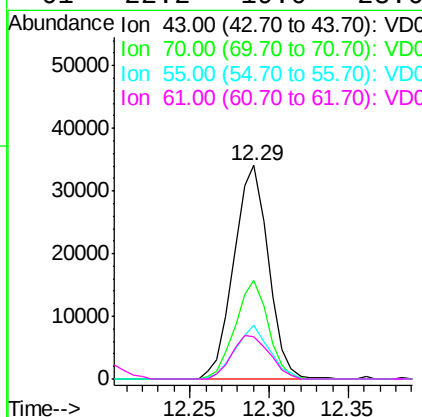
Manual Integrations
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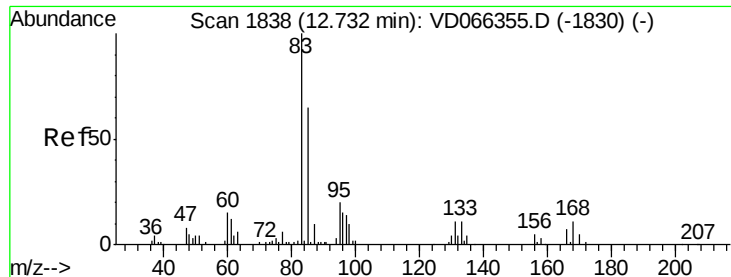
MMDadoda
9/1/2020 12:38:58 PM



#74
N-ethyl acetate
Concen: 40.318 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Tgt Ion: 43 Resp: 51461
Ion Ratio Lower Upper
43 100
70 43.9 34.8 52.2
55 25.0 20.3 30.5
61 22.2 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 39.716 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

Instrument :

MSVOA_D

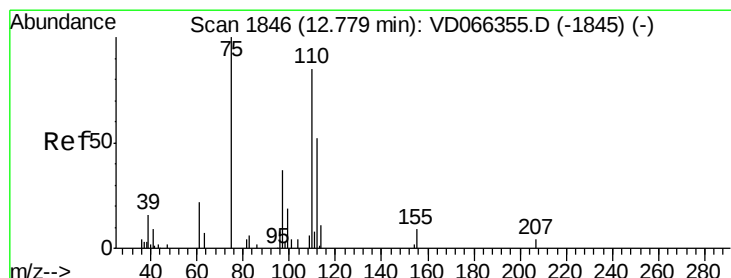
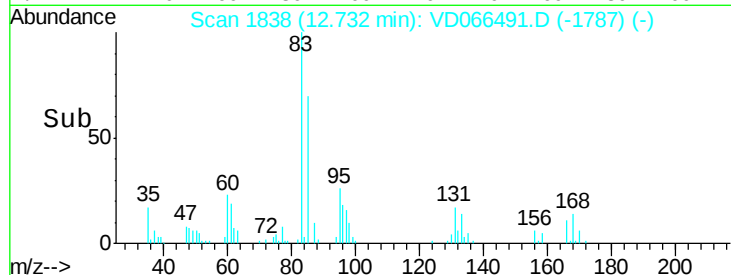
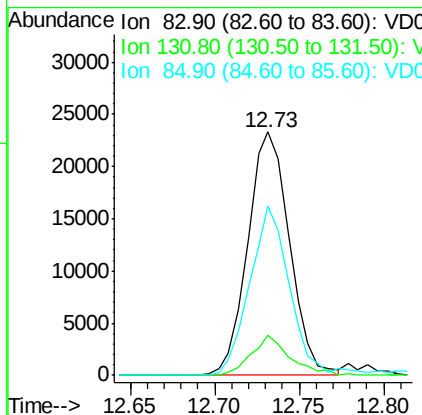
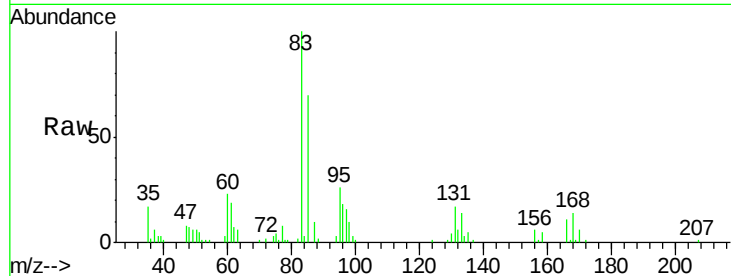
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	40095
Ion	Ratio	Lower	Upper
83	100		
131	15.1	7.0	20.9
85	66.8	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 50.043 ug/l m

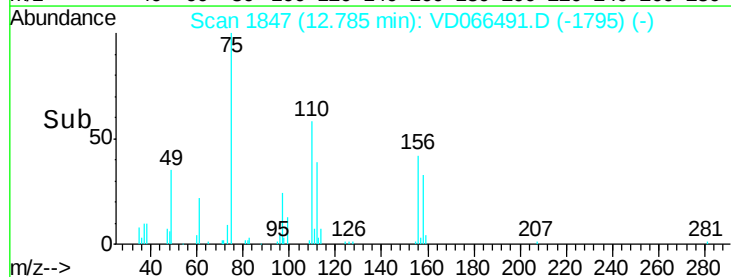
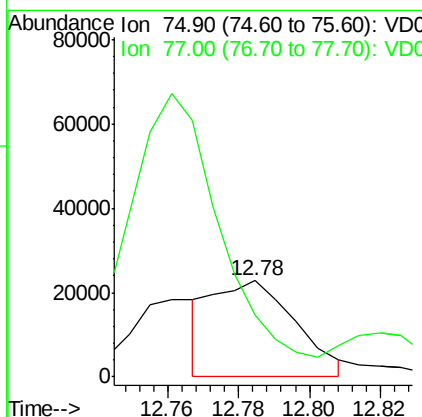
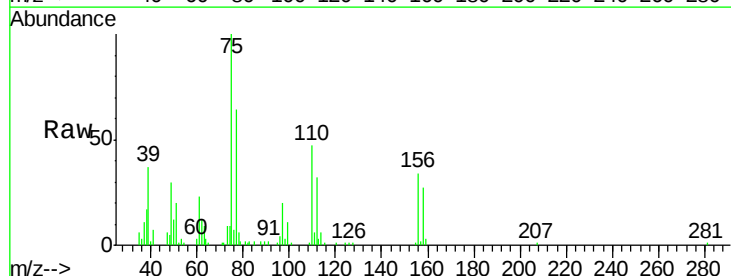
RT: 12.78 min Scan# 1847

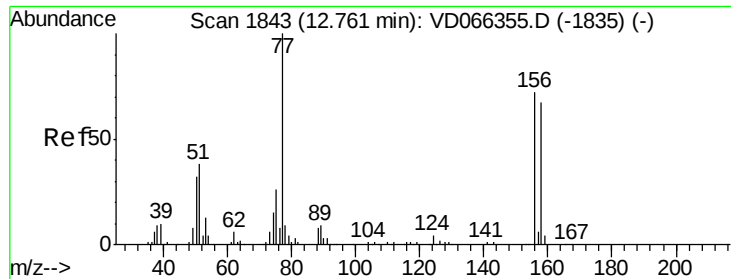
Delta R.T. 0.01 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

Tgt Ion:	75	Resp:	37140
Ion	Ratio	Lower	Upper
75	100		
77	0.0	182.9	548.9#





#77

Bromobenzene

Concen: 48.901 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 87714

Ion Ratio Lower Upper

156 100

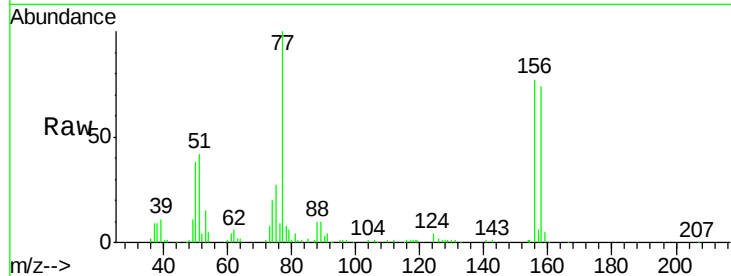
77 142.1 76.1 228.3

158 95.1 47.6 142.9

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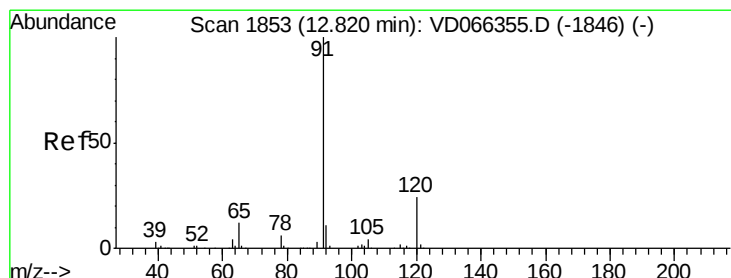
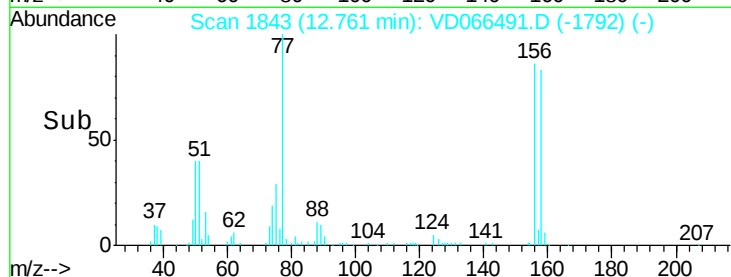
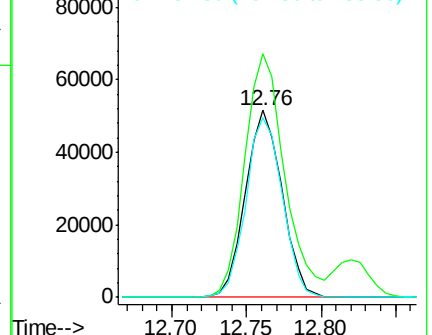
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.775 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066491.D

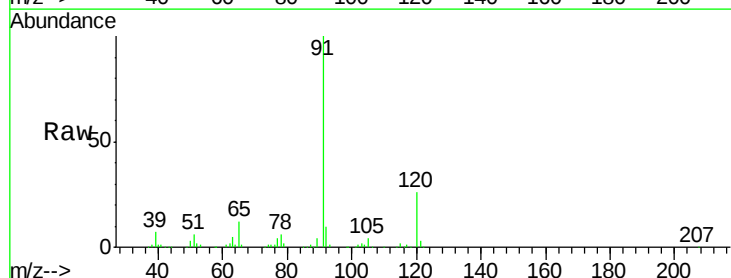
Acq: 31 Aug 2020 18:56

Tgt Ion: 91 Resp: 370913

Ion Ratio Lower Upper

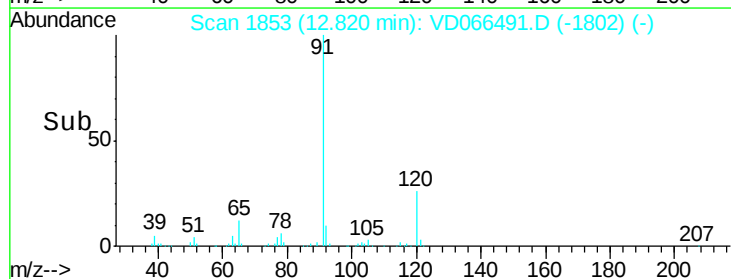
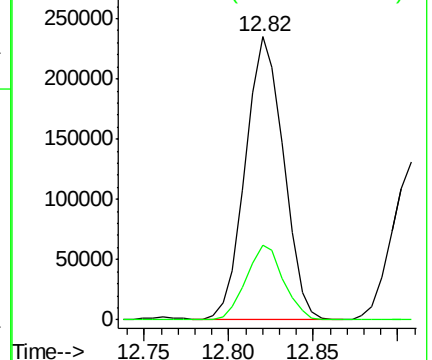
91 100

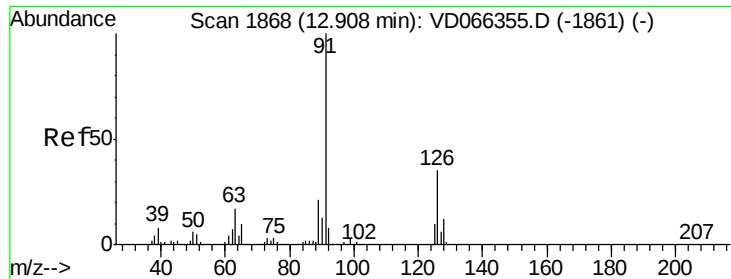
120 25.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.785 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 221147

Ion Ratio Lower Upper

91 100

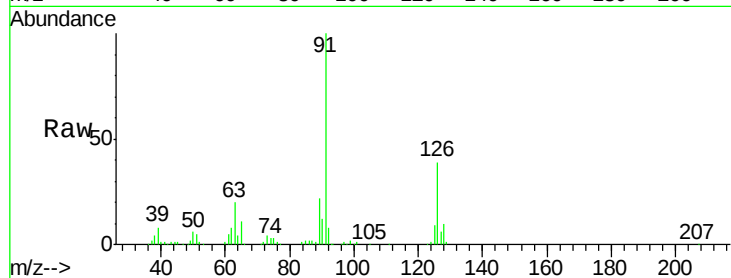
126 37.0 17.7 53.1

Manual Integrations

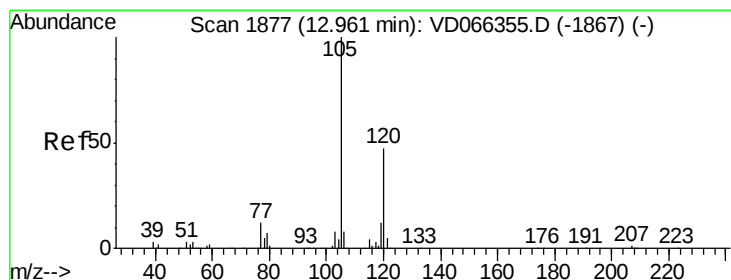
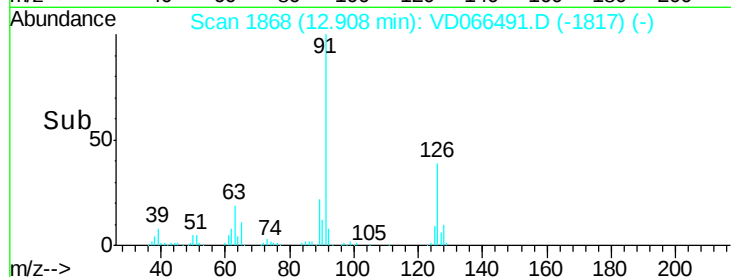
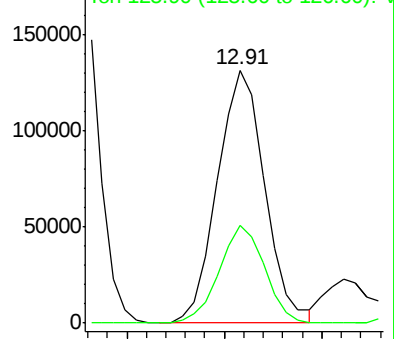
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Abundance Ion 91.00 (90.70 to 91.70): VD066355.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.872 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066491.D

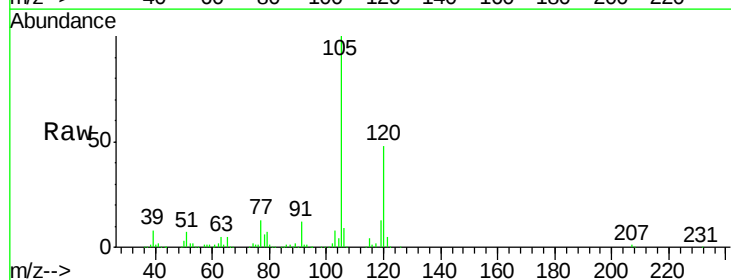
Acq: 31 Aug 2020 18:56

Tgt Ion:105 Resp: 298206

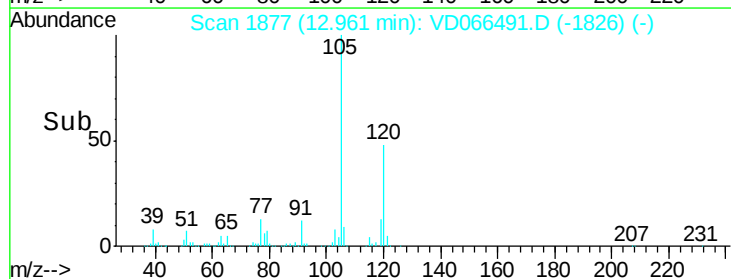
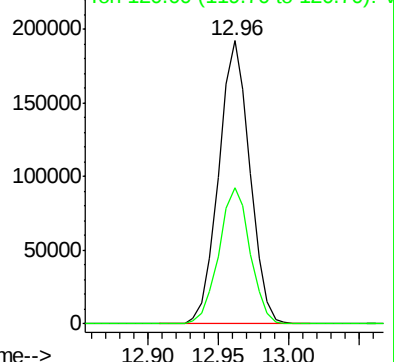
Ion Ratio Lower Upper

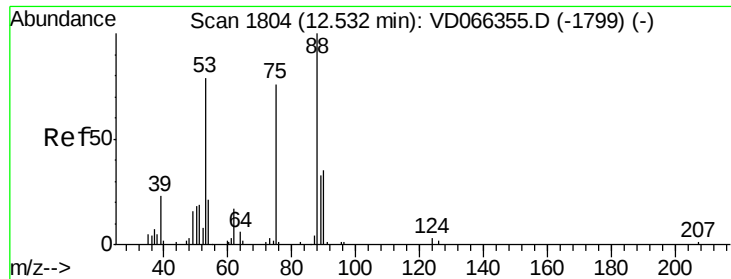
105 100

120 48.4 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VD066355.D (-1867) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 42.722 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

Instrument :

MSVOA_D

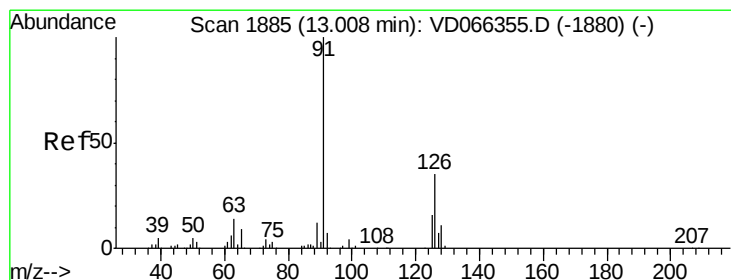
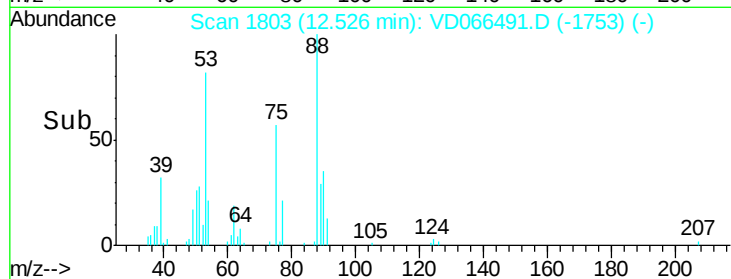
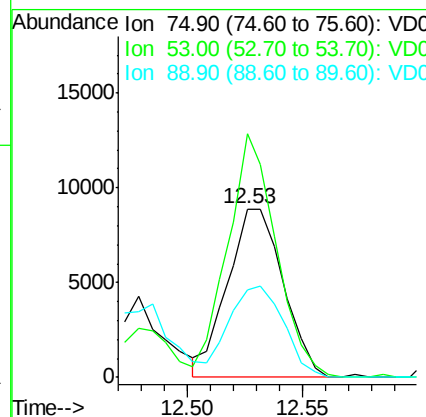
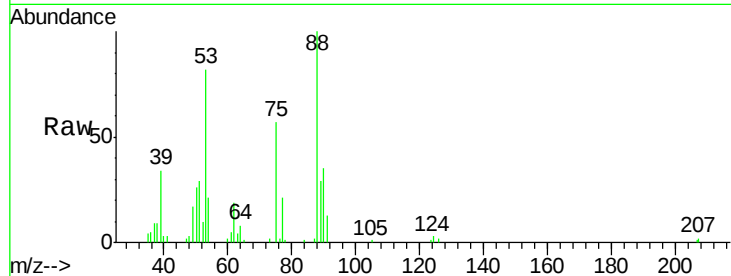
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	14937
Ion	Ratio	Lower	Upper
75	100		
53	126.4	87.4	131.2
89	52.6	39.4	59.0

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#82

4-Chlorotoluene

Concen: 47.137 ug/l

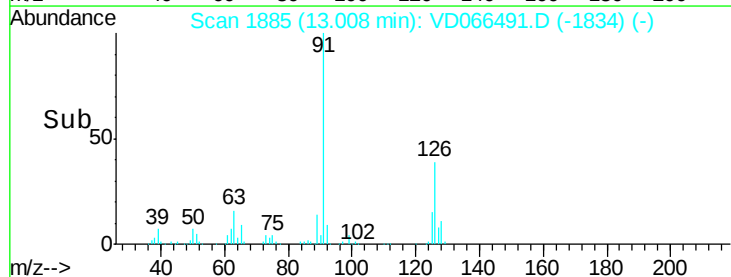
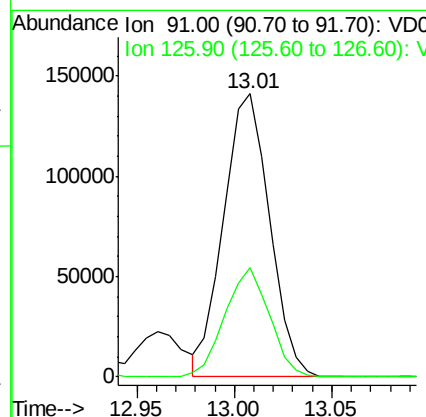
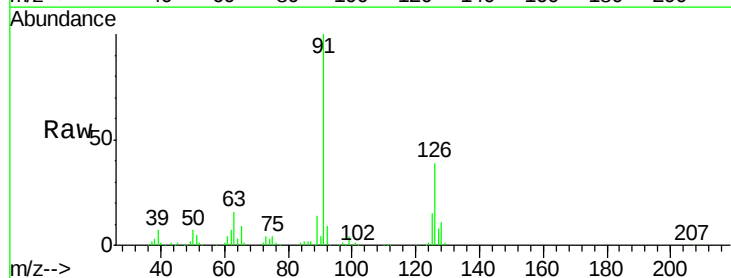
RT: 13.01 min Scan# 1885

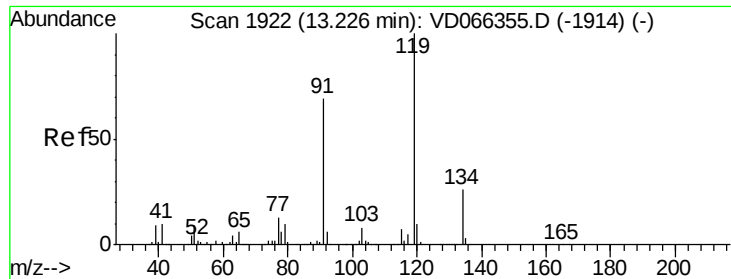
Delta R.T. -0.00 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

Tgt Ion:	91	Resp:	231119
Ion	Ratio	Lower	Upper
91	100		
126	37.5	17.4	52.2





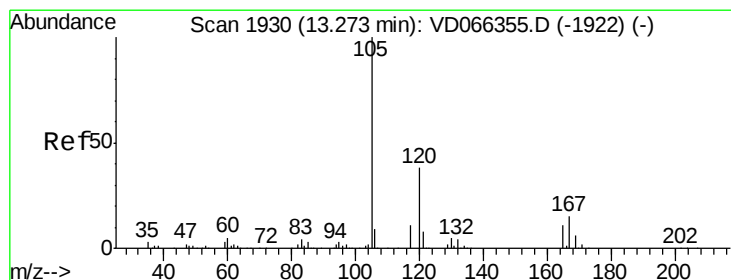
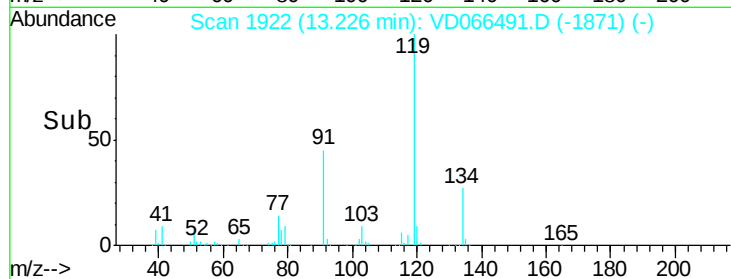
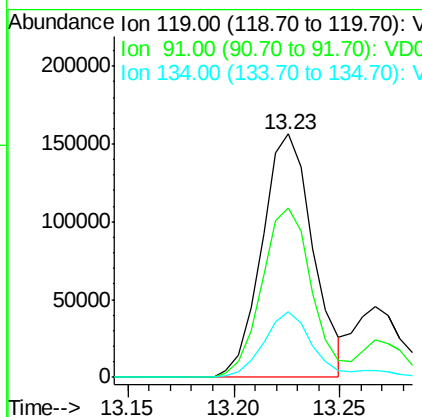
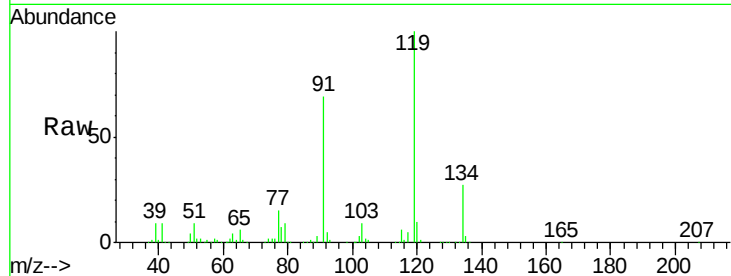
#83
tert-Butylbenzene
Concen: 49.513 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.9	33.5	100.5
134	25.5	13.5	40.4

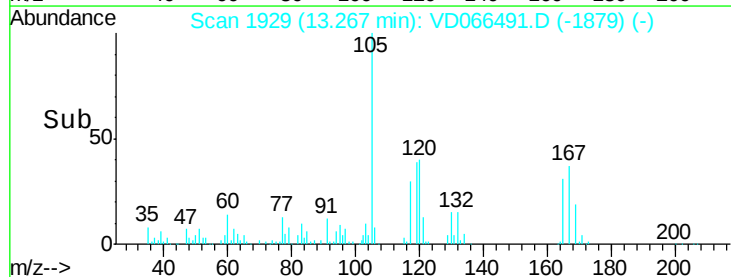
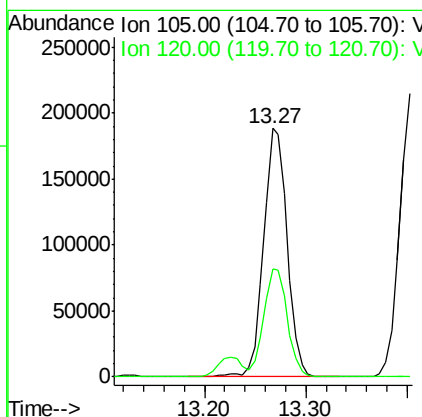
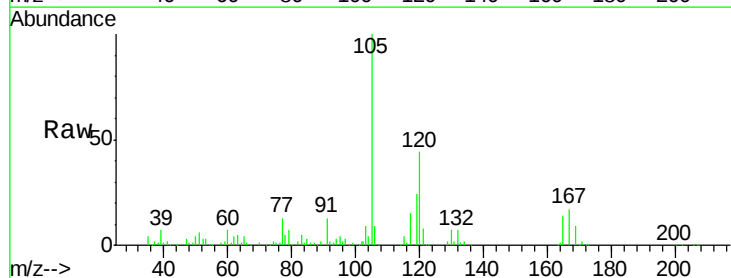
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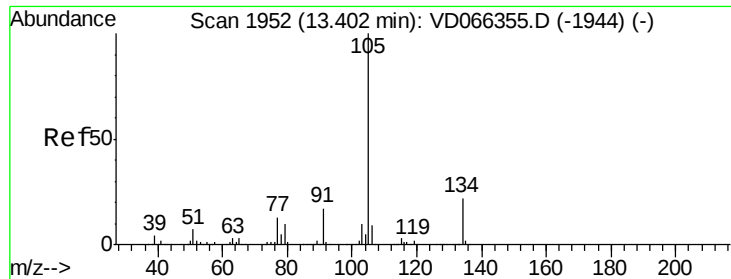
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#84
1,2,4-Trimethylbenzene
Concen: 51.063 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.4	22.6	67.7





#85

sec-Butylbenzene

Concen: 46.948 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 326002

Ion Ratio Lower Upper

105 100

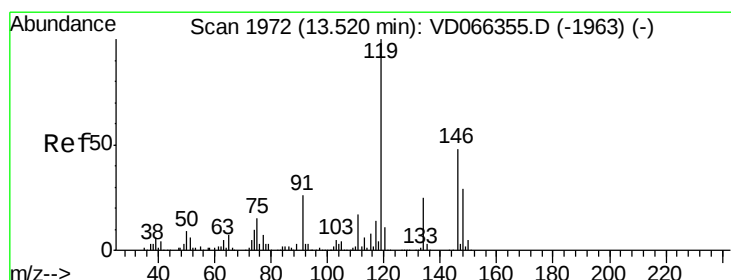
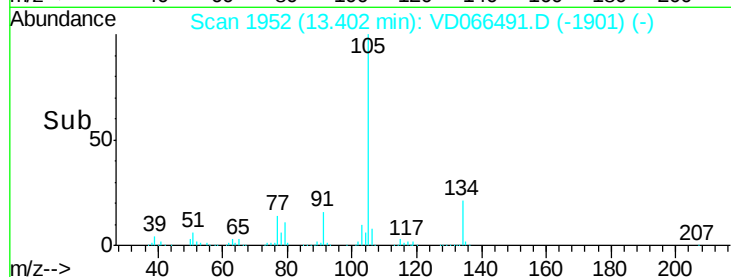
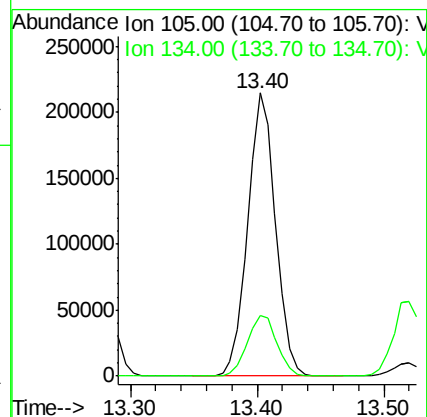
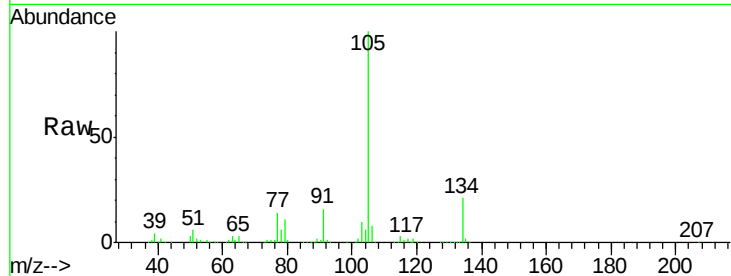
134 22.7 10.8 32.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 49.969 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

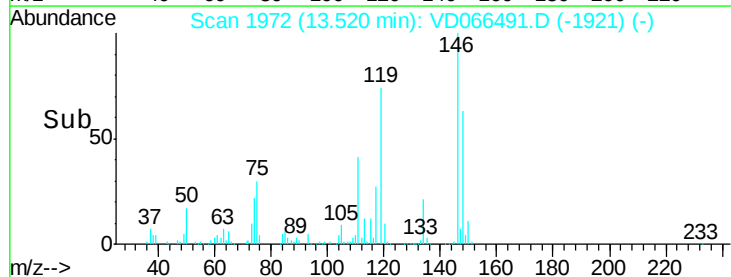
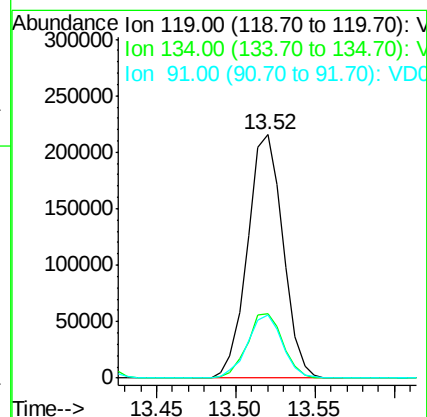
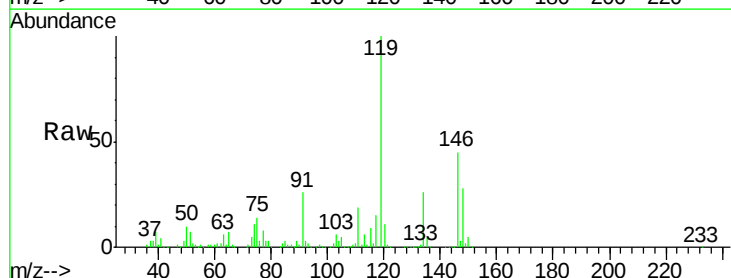
Tgt Ion:119 Resp: 334571

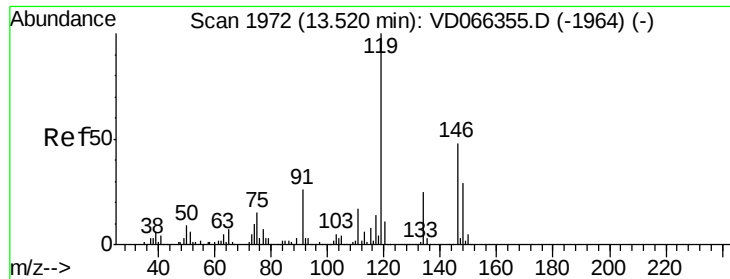
Ion Ratio Lower Upper

119 100

134 26.7 12.8 38.3

91 25.8 12.7 38.0





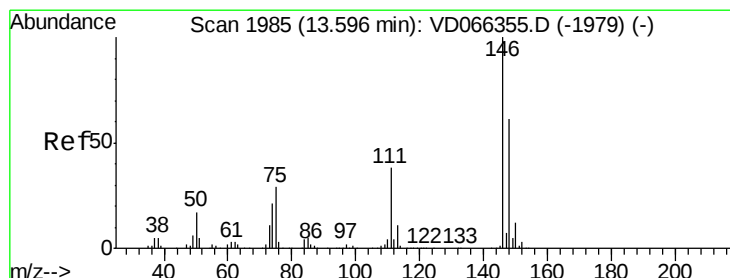
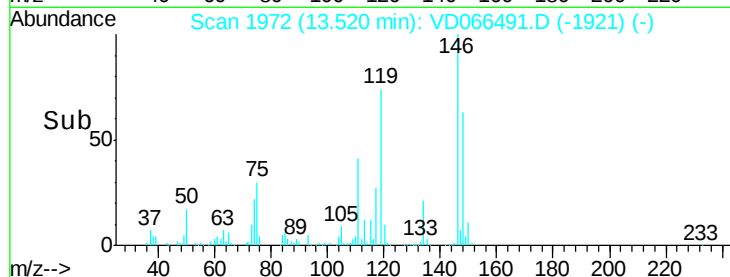
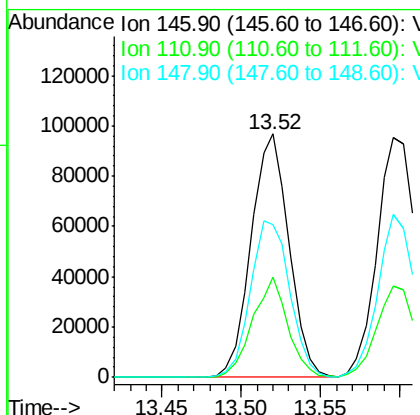
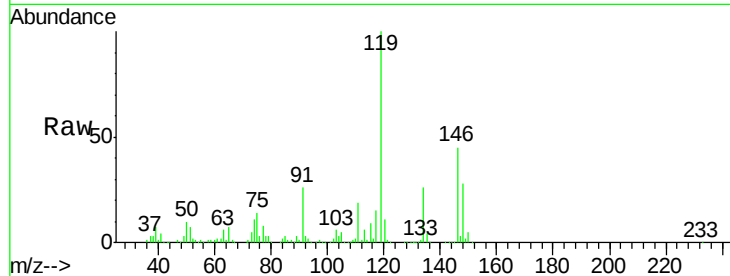
#87
 1,3-Dichlorobenzene
 Concen: 48.053 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066491.D
 Acq: 31 Aug 2020 18:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.9	56.9
148	66.6	31.8	95.3

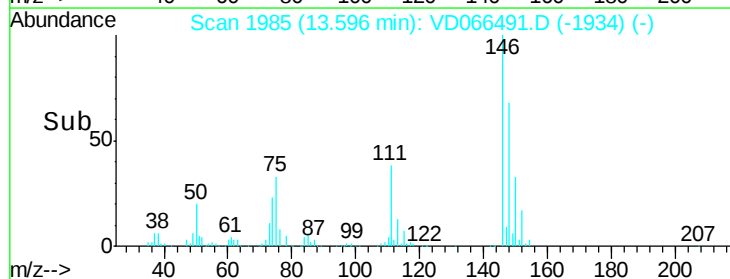
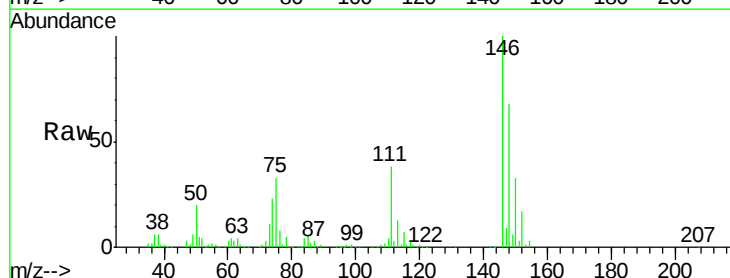
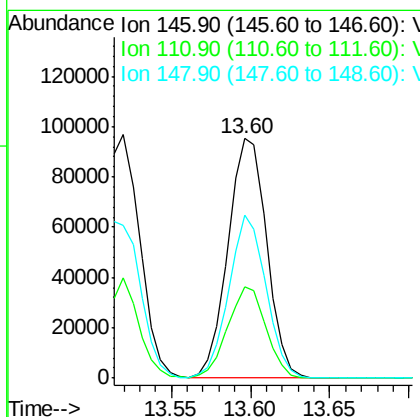
Manual Integrations
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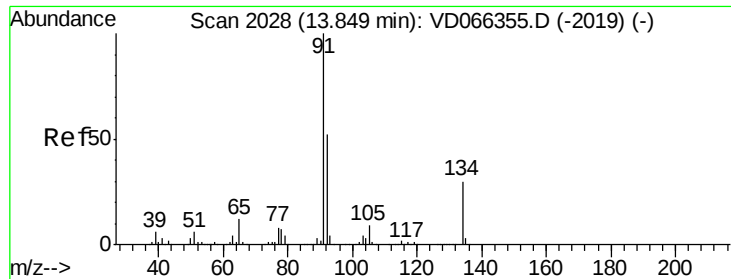
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#88
 1,4-Dichlorobenzene
 Concen: 48.001 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066491.D
 Acq: 31 Aug 2020 18:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.1	57.5
148	65.3	32.1	96.3





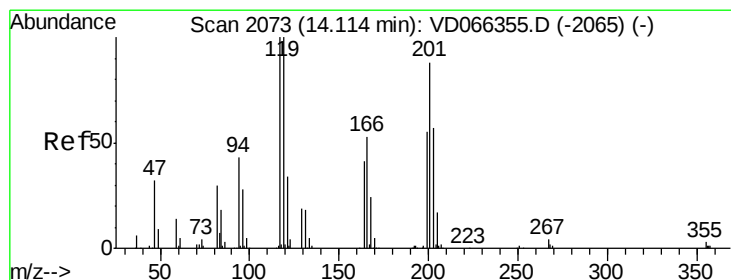
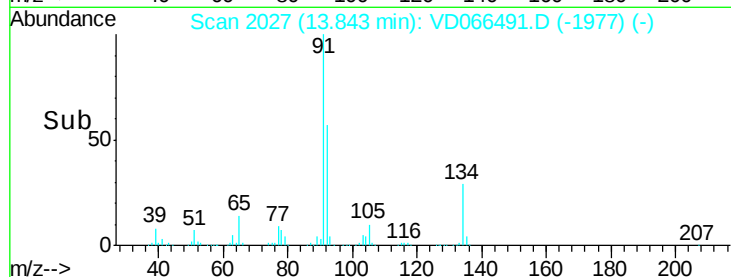
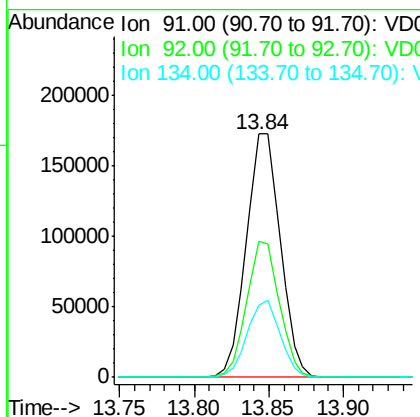
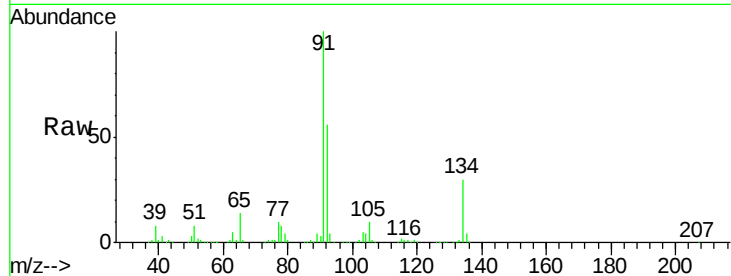
#89
n-Butylbenzene
Concen: 46.168 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	272781		
92	53.9		26.4	79.0
134	30.6		14.4	43.4

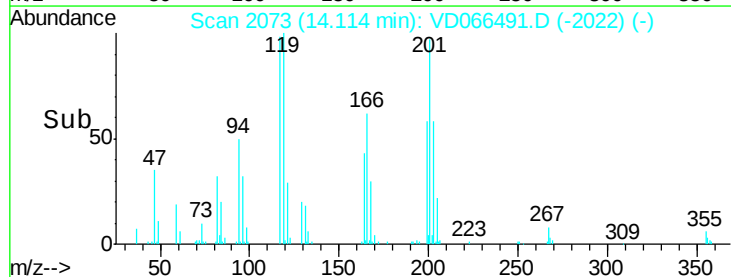
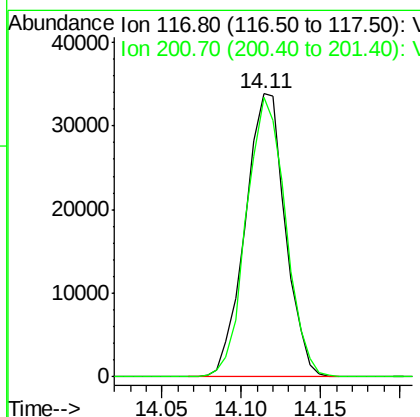
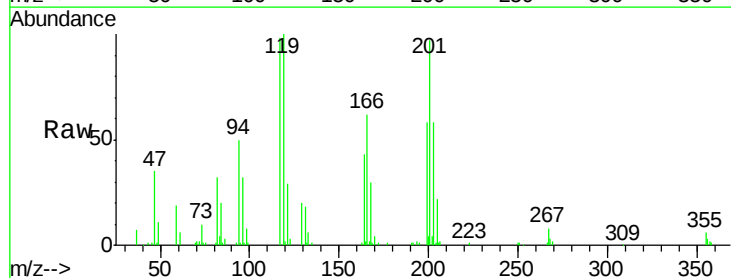
Manual Integrations
APPROVED

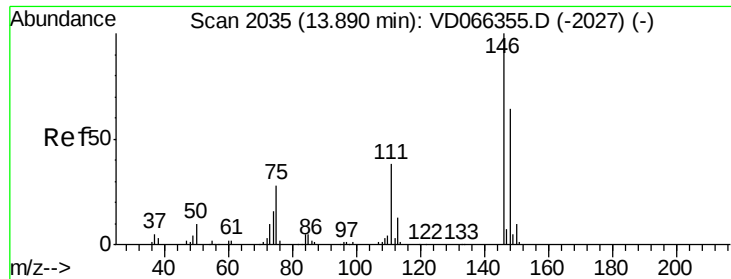
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#90
Hexachloroethane
Concen: 45.077 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	59621		
201	97.0		45.4	136.2





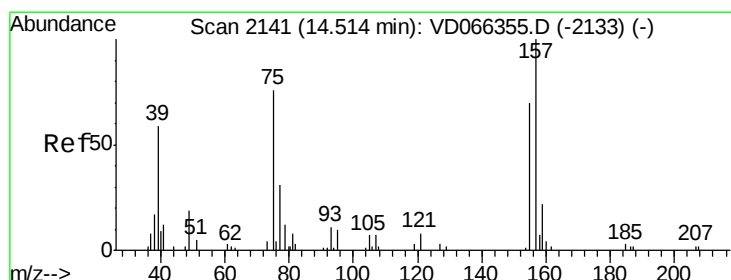
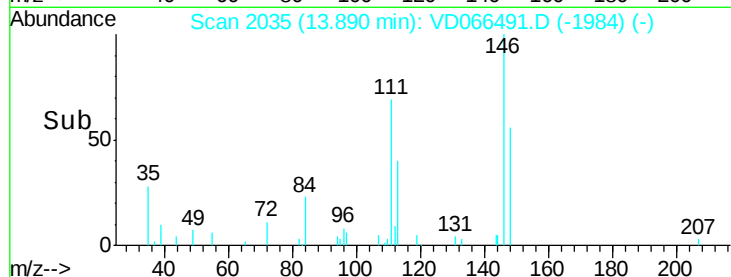
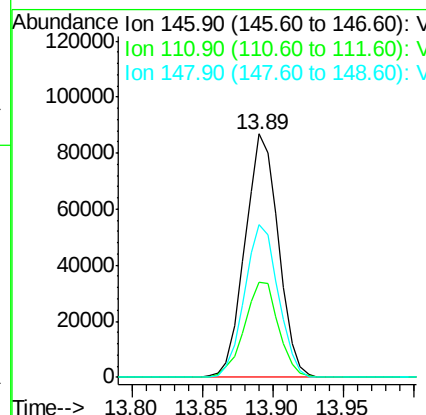
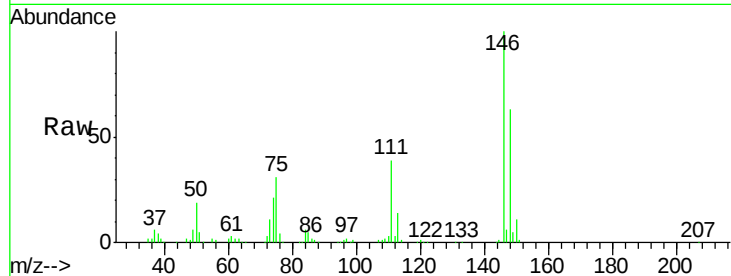
#91
 1,2-Dichlorobenzene
 Concen: 49.905 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066491.D
 Acq: 31 Aug 2020 18:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.9	59.7
148	63.3	32.6	97.8

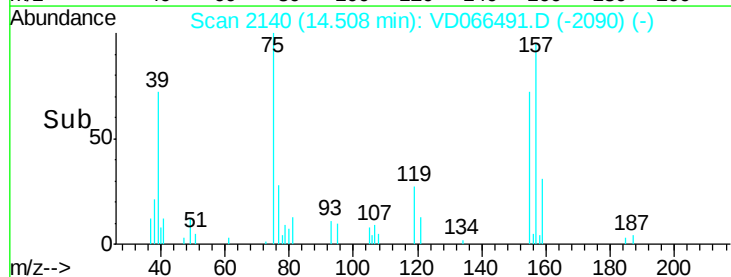
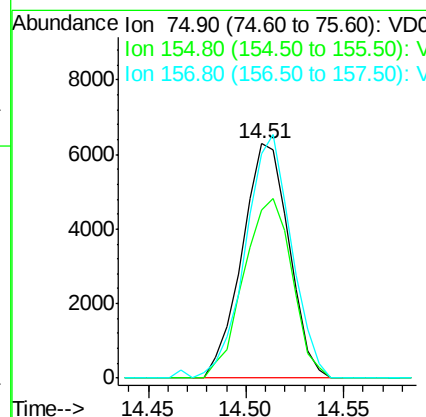
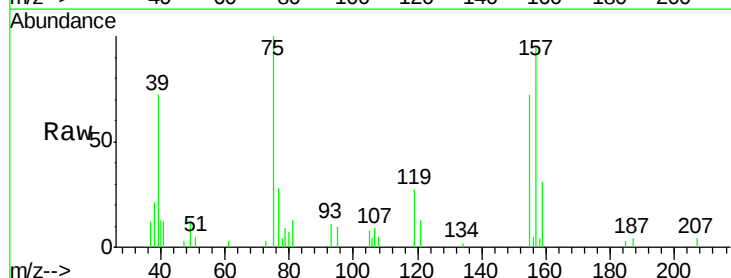
Manual Integrations
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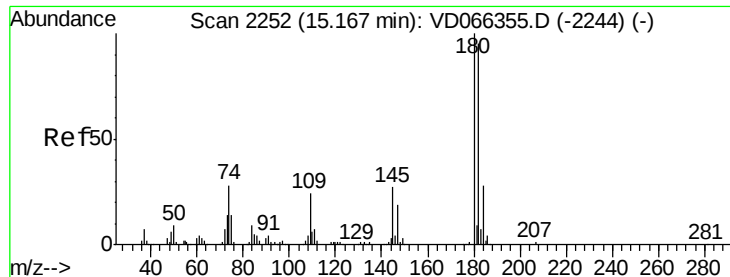
MMDadoda
 9/1/2020 12:38:58 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.444 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066491.D
 Acq: 31 Aug 2020 18:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.9	46.9	140.6
157	102.2	61.0	183.0





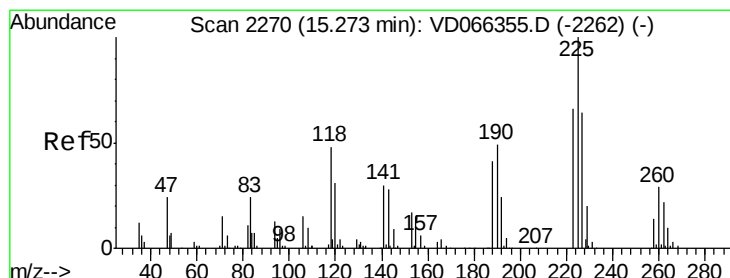
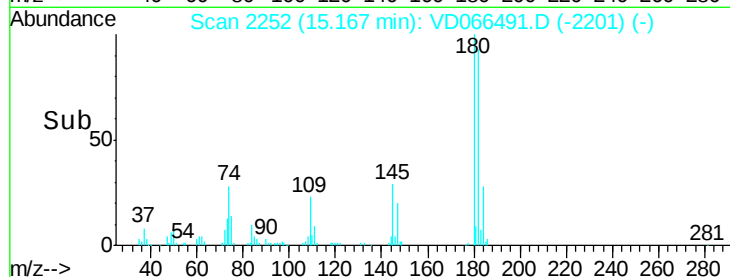
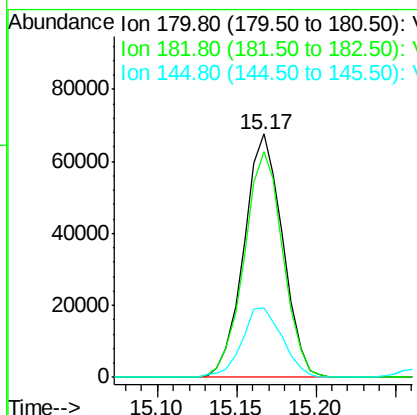
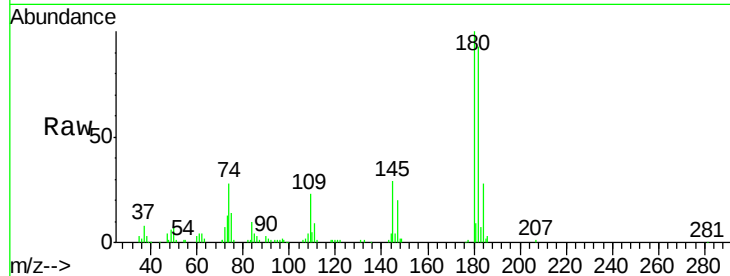
#93
 1,2,4-Trichlorobenzene
 Concen: 50.847 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066491.D
 Acq: 31 Aug 2020 18:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	114418		
182	93.0	48.0	144.0	
145	30.1	15.2	45.6	

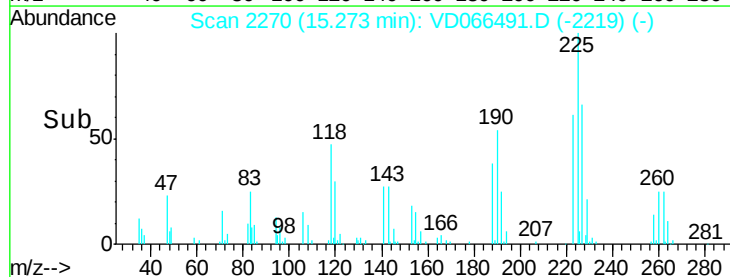
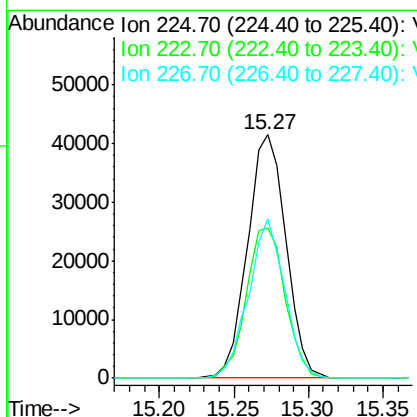
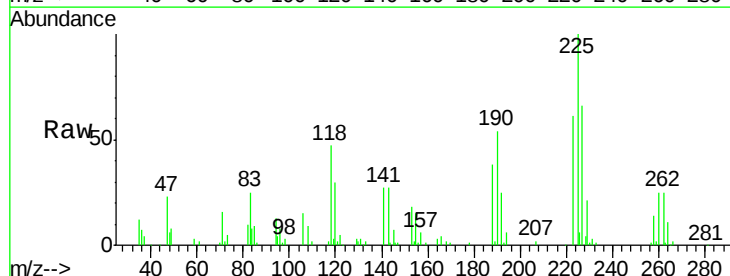
Manual Integrations
 APPROVED

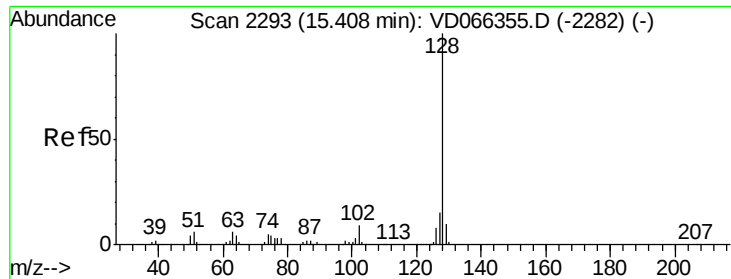
MMDadoda
 9/1/2020 12:38:58 PM



#94
 Hexachlorobutadiene
 Concen: 52.704 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066491.D
 Acq: 31 Aug 2020 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	73700		
223	62.2	32.5	97.4	
227	61.6	33.0	98.9	





#95

Naphthalene

Concen: 49.454 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

Instrument :

MSVOA_D

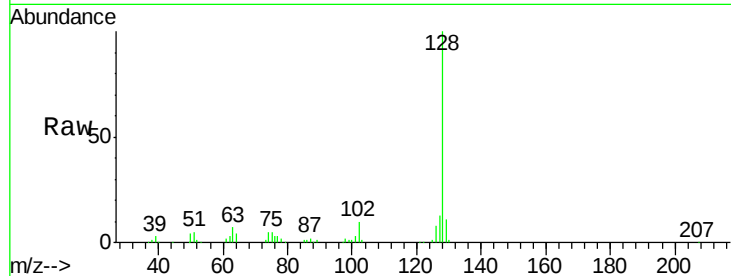
ClientSampleId :

VSTDCCC050EC

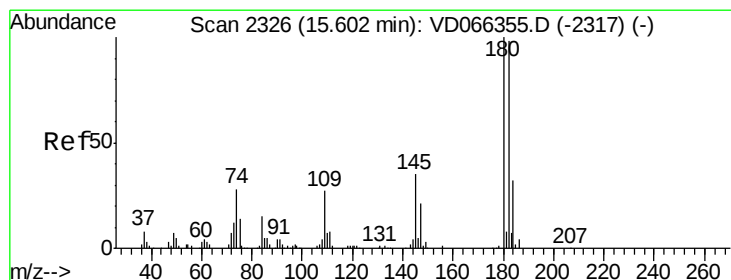
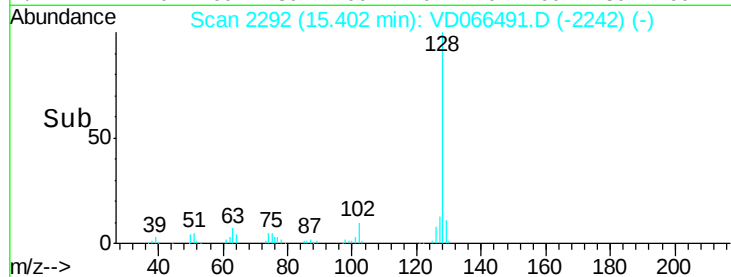
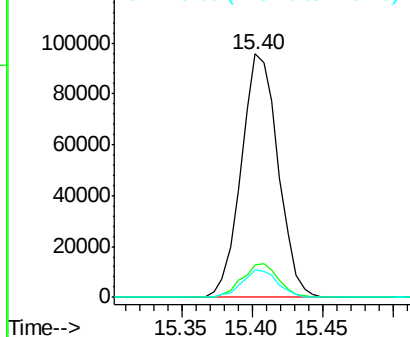
Tot Ion:	128	Resp:	174783
Ion Ratio	Lower	Upper	
128	100		
127	13.8	10.7	16.1
129	10.8	8.6	12.8

Manual Integrations
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9/1/2020 12:38:58 PM



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.330 ug/l

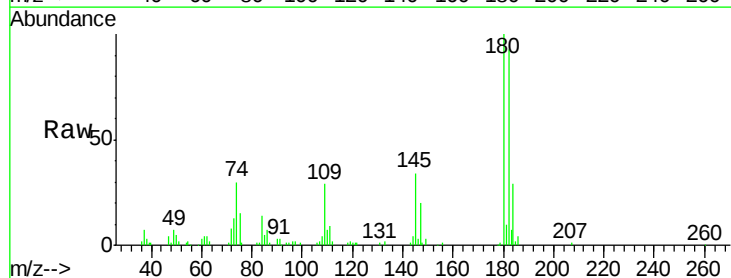
RT: 15.60 min Scan# 2325

Delta R.T. -0.01 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

Tgt Ion:	180	Resp:	97019
Ion Ratio	Lower	Upper	
180	100		
182	94.9	46.7	140.0
145	31.2	16.0	48.0



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

