

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092520\
 Data File : VD066887.D
 Acq On : 25 Sep 2020 22:33
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/29/2020 11:45:27 AM

Quant Time: Sep 26 06:45:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	399366	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	645910	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	598898	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	278402	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	188991	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
35) Dibromofluoromethane	7.91	113	195733	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	
50) Toluene-d8	10.34	98	700202	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
62) 4-Bromofluorobenzene	12.63	95	246213	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.99	85	132702	47.344	ug/l	94
3) Chloromethane	2.20	50	157808	43.007	ug/l	100
4) Vinyl Chloride	2.35	62	152141	41.969	ug/l	99
5) Bromomethane	2.77	94	118483	46.501	ug/l	95
6) Chloroethane	2.93	64	102812	45.671	ug/l	98
7) Trichlorofluoromethane	3.27	101	344593	46.286	ug/l	96
8) Diethyl Ether	3.71	74	104717	55.404	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.09	101	201169	46.599	ug/l	98
10) Methyl Iodide	4.30	142	209151	54.903	ug/l	96
11) Tert butyl alcohol	5.22	59	63150	271.550	ug/l #	83
12) 1,1-Dichloroethene	4.07	96	186305	47.640	ug/l	99
13) Acrolein	3.92	56	82091	284.689	ug/l	90
14) Allyl chloride	4.71	41	278380	48.477	ug/l	97
15) Acrylonitrile	5.43	53	217440	259.600	ug/l	98
16) Acetone	4.16	43	169520	204.439	ug/l	100
17) Carbon Disulfide	4.41	76	550195	46.018	ug/l	99
18) Methyl Acetate	4.72	43	105062	57.317	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	461402	54.329	ug/l	100
20) Methylene Chloride	4.97	84	244786	55.318	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	229744	50.737	ug/l	90
22) Diisopropyl ether	6.36	45	617443	52.294	ug/l	98
23) Vinyl Acetate	6.30	43	1624600	253.394	ug/l	99
24) 1,1-Dichloroethane	6.27	63	387100	49.007	ug/l	97
25) 2-Butanone	7.21	43	253903	254.802	ug/l	95
26) 2,2-Dichloropropane	7.21	77	323921	44.742	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	256257	52.086	ug/l	97
28) Bromochloromethane	7.54	49	170852	52.357	ug/l #	98
29) Tetrahydrofuran	7.56	42	169358	265.247	ug/l	98
30) Chloroform	7.71	83	425868	50.017	ug/l	96
31) Cyclohexane	7.98	56	313093	44.053	ug/l	94
32) 1,1,1-Trichloroethane	7.90	97	379740	49.302	ug/l	99
36) 1,1-Dichloropropene	8.11	75	310964	48.528	ug/l	99
37) Ethyl Acetate	7.29	43	123433	53.284	ug/l	98
38) Carbon Tetrachloride	8.10	117	339250	48.425	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	356166	48.410	ug/l	98
40) Benzene	8.34	78	908303	50.860	ug/l	97
41) Methacrylonitrile	7.52	41	60621m	42.553	ug/l	
42) 1,2-Dichloroethane	8.42	62	260436	49.329	ug/l	100
43) Isopropyl Acetate	8.45	43	231862	51.915	ug/l	99
44) Trichloroethene	9.11	130	256635	50.416	ug/l	96
45) 1,2-Dichloropropane	9.38	63	227295	50.585	ug/l	99
46) Dibromomethane	9.47	93	126168	51.680	ug/l	95
47) Bromodichloromethane	9.66	83	332882	50.758	ug/l	99
48) Methyl methacrylate	9.45	41	109972	49.942	ug/l	97
49) 1,4-Dioxane	9.46	88	30270	1104.154	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	603470	266.666	ug/l	99
52) Toluene	10.40	92	601950	52.328	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	292619	52.423	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	354143	52.032	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	174290	51.932	ug/l	97
56) Ethyl methacrylate	10.66	69	199627	55.524	ug/l	98
57) 1,3-Dichloropropane	10.94	76	291466	52.594	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	413082	242.651	ug/l	98
59) 2-Hexanone	10.98	43	403541	264.422	ug/l	97
60) Dibromochloromethane	11.14	129	232075	52.983	ug/l	97
61) 1,2-Dibromoethane	11.24	107	169540	54.312	ug/l	97
64) Tetrachloroethene	10.87	164	222115	51.559	ug/l	98
65) Chlorobenzene	11.67	112	642941	51.574	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	244726	51.868	ug/l	99
67) Ethyl Benzene	11.74	91	1135847	51.877	ug/l	99
68) m/p-Xylenes	11.85	106	879683	106.117	ug/l	99
69) o-Xylene	12.18	106	401638	53.582	ug/l	100
70) Styrene	12.19	104	700155	53.786	ug/l	99
71) Bromoform	12.36	173	126994	53.160	ug/l	98
73) Isopropylbenzene	12.48	105	1088774	54.136	ug/l	99
74) N-amyl acetate	12.28	43	211675	53.895	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	183422	52.854	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	136718m	59.258	ug/l	
77) Bromobenzene	12.76	156	255311	54.279	ug/l	97
78) n-propylbenzene	12.82	91	1282712	53.015	ug/l	98
79) 2-Chlorotoluene	12.91	91	736730	53.434	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	933134	54.681	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	52657	57.101	ug/l	94
82) 4-Chlorotoluene	13.00	91	773605	53.226	ug/l	99
83) tert-Butylbenzene	13.23	119	782494	55.802	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	929781	54.945	ug/l	99
85) sec-Butylbenzene	13.40	105	1082254	53.670	ug/l	99
86) p-Isopropyltoluene	13.52	119	992399	54.598	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	488970	52.618	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	481517	52.170	ug/l	98
89) n-Butylbenzene	13.84	91	907400	52.522	ug/l	100
90) Hexachloroethane	14.11	117	190829	51.713	ug/l	96
91) 1,2-Dichlorobenzene	13.89	146	423707	53.294	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	29751	53.292	ug/l	95

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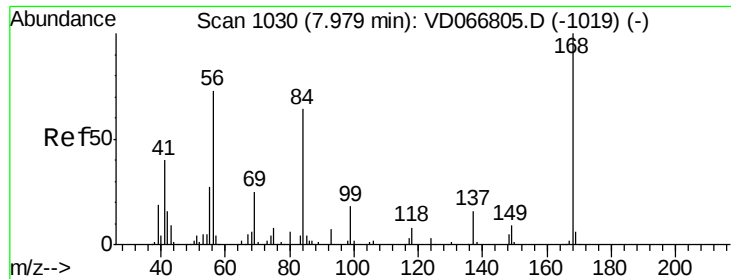
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	280558	56.057	ug/l	97
94) Hexachlorobutadiene	15.27	225	158210	52.752	ug/l	97
95) Naphthalene	15.40	128	501501	59.020	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	244914	56.696	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 399366

Ion Ratio Lower Upper

168 100

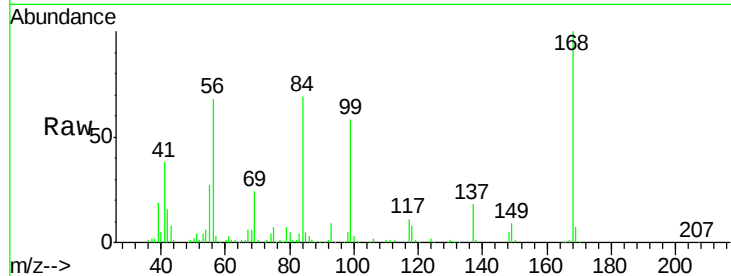
99 57.5 46.6 69.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

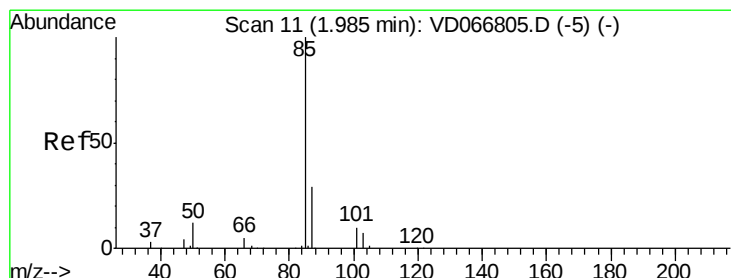
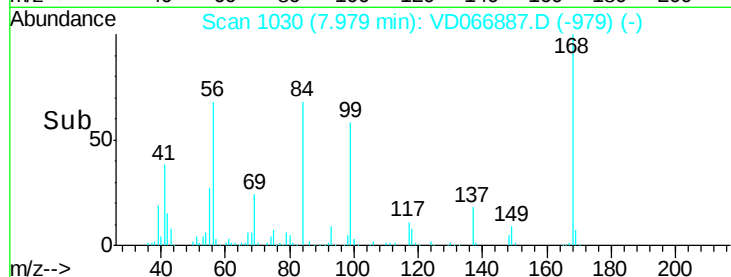
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 47.344 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066887.D

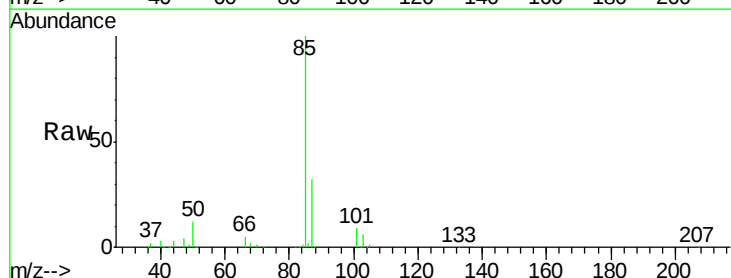
Acq: 25 Sep 2020 22:33

Tgt Ion: 85 Resp: 132702

Ion Ratio Lower Upper

85 100

87 32.4 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

100000

80000

60000

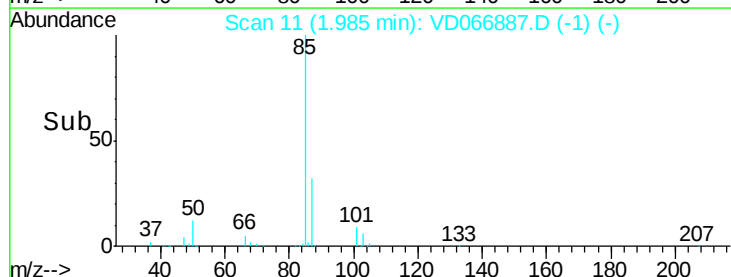
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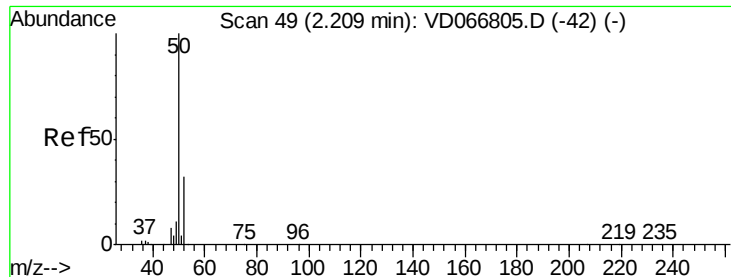
20000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 43.007 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 157808

Ion Ratio Lower Upper

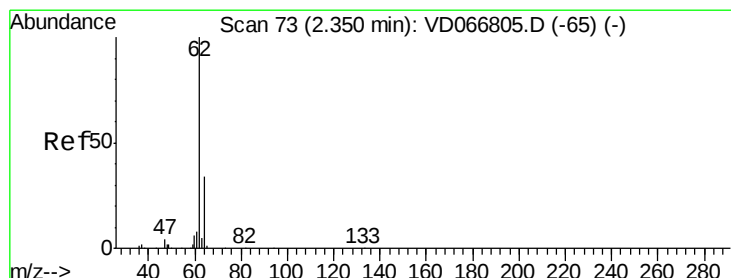
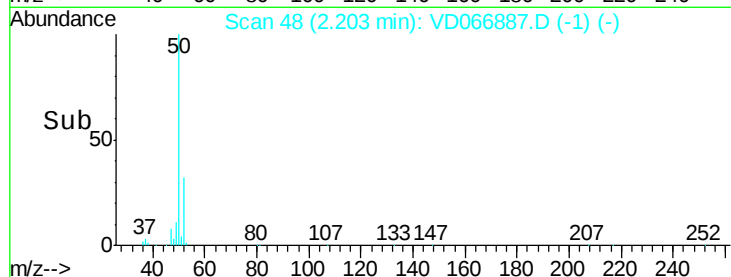
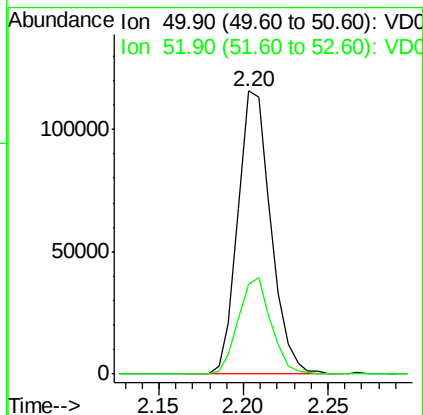
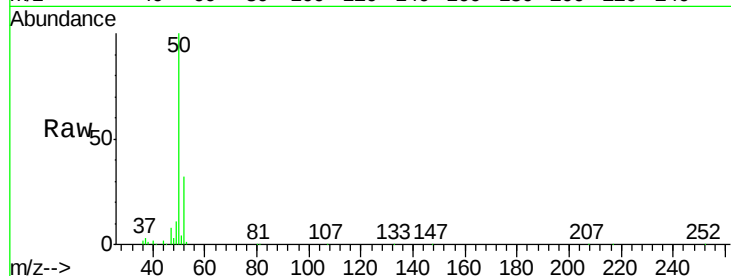
50 100

52 31.7 25.5 38.3

Manual Integrations
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#4

Vinyl Chloride

Concen: 41.969 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066887.D

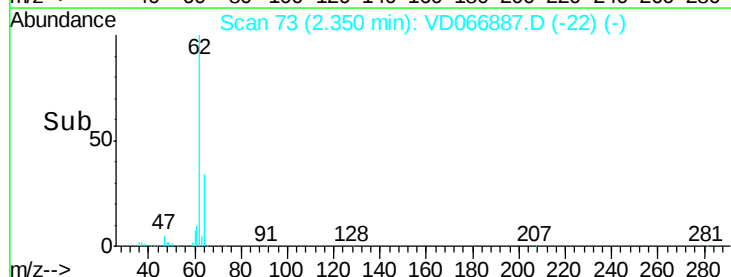
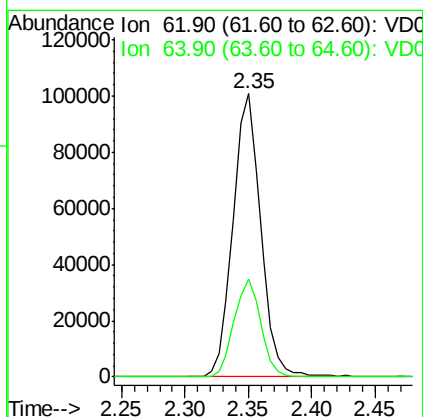
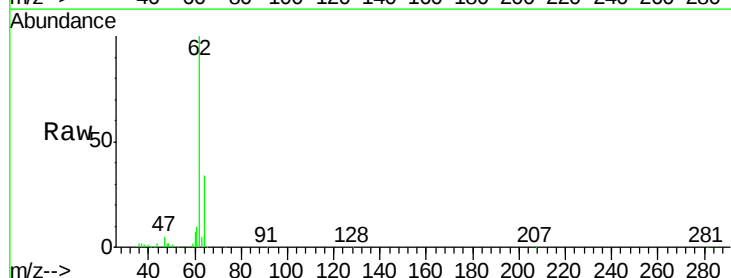
Acq: 25 Sep 2020 22:33

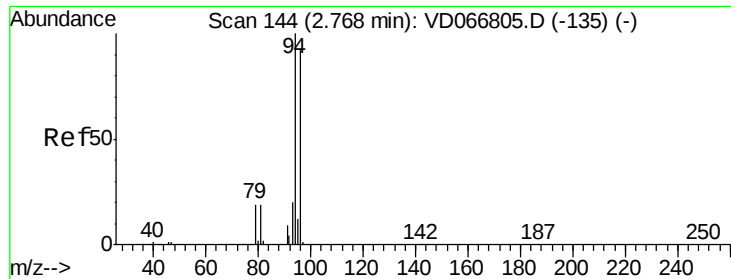
Tgt Ion: 62 Resp: 152141

Ion Ratio Lower Upper

62 100

64 34.4 27.0 40.4





#5

Bromomethane

Concen: 46.501 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 118483

Ion Ratio Lower Upper

94 100

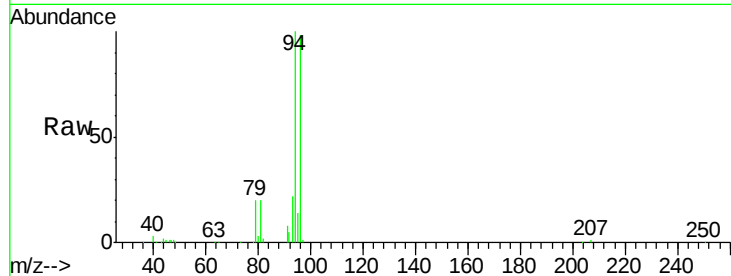
96 98.1 74.3 111.5

Manual Integrations

APPROVED

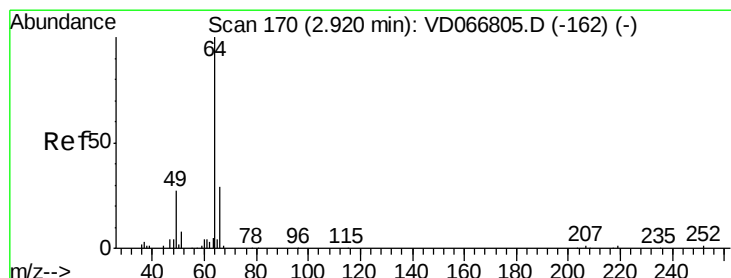
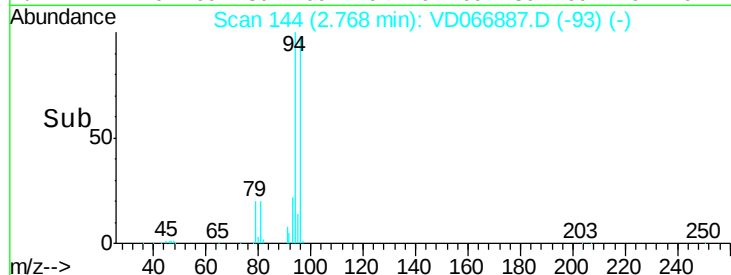
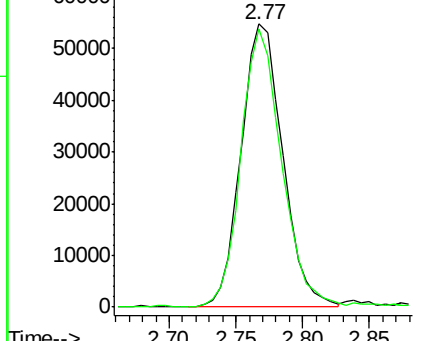
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 45.671 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD066887.D

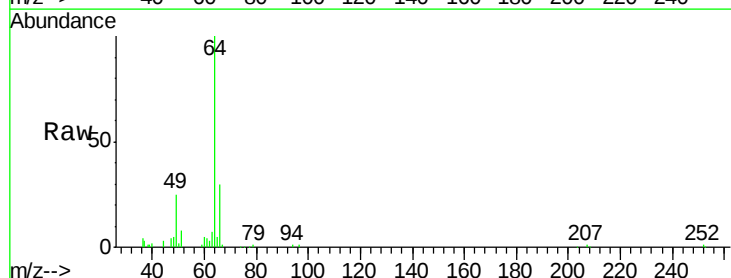
Acq: 25 Sep 2020 22:33

Tgt Ion: 64 Resp: 102812

Ion Ratio Lower Upper

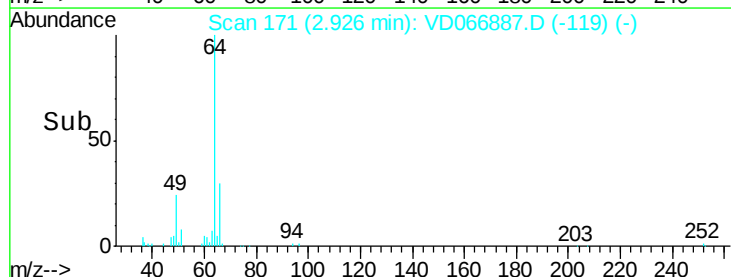
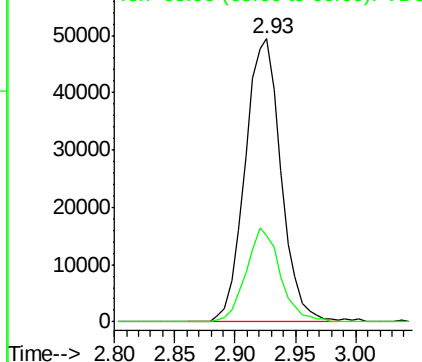
64 100

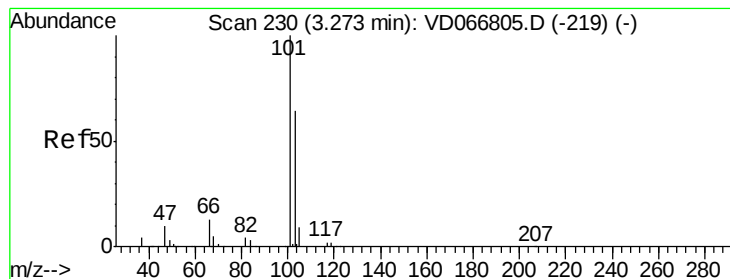
66 30.3 23.3 34.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

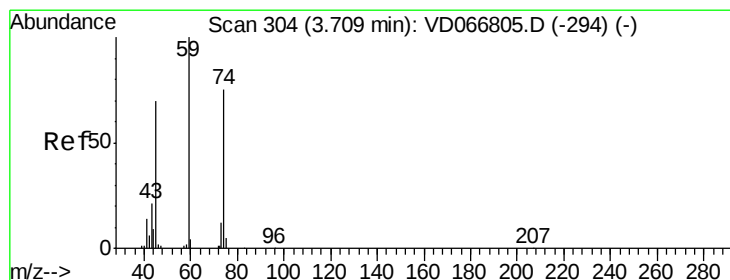
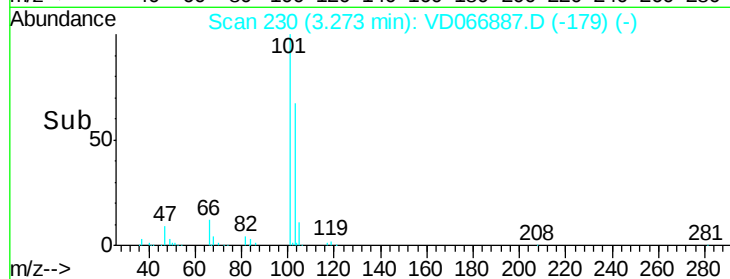
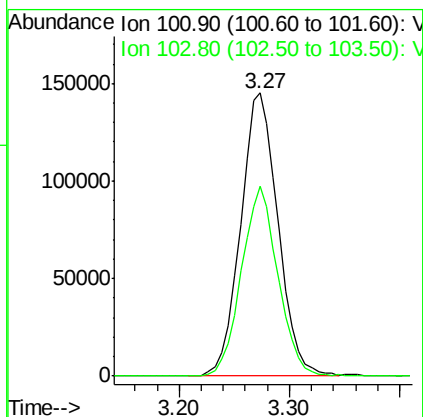
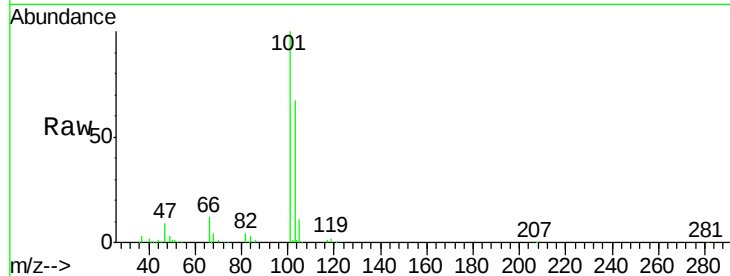
Trichlorofluoromethane
 Concen: 46.286 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD066887.D
 Acq: 25 Sep 2020 22:33

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Tot Ion	Ratio	Lower	Upper
101	100		
103	67.1	51.0	76.6

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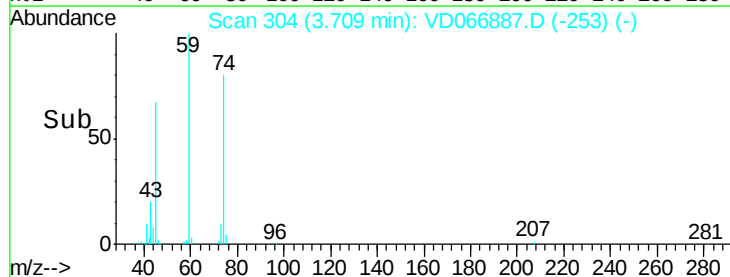
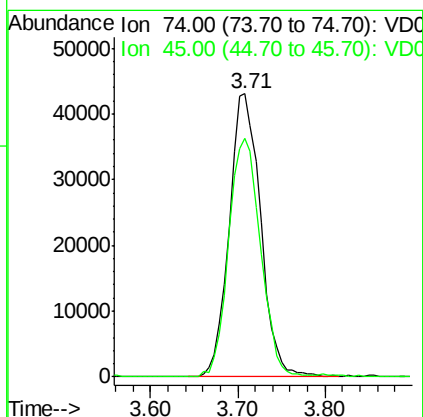
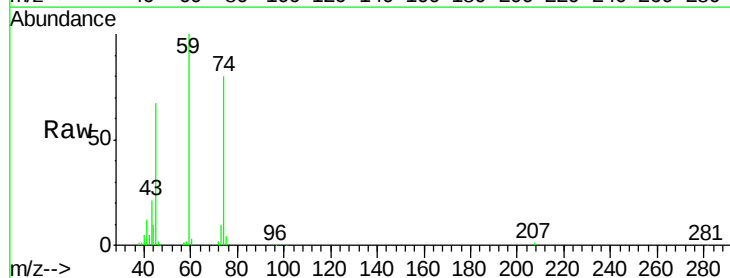
MMDadoda
 9/29/2020 11:45:27 AM

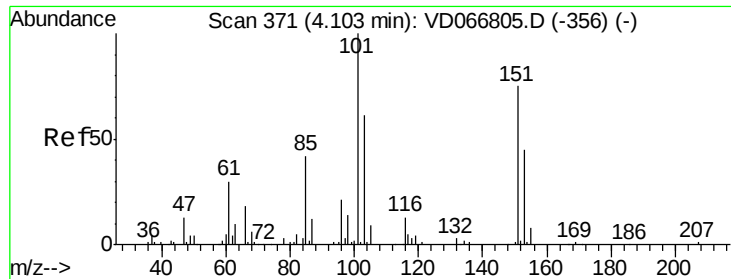


#8

Diethyl Ether
 Concen: 55.404 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD066887.D
 Acq: 25 Sep 2020 22:33

Tgt Ion	Ratio	Lower	Upper
74	100		
45	85.6	46.0	138.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.599 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Instrument :

MSVOA_D

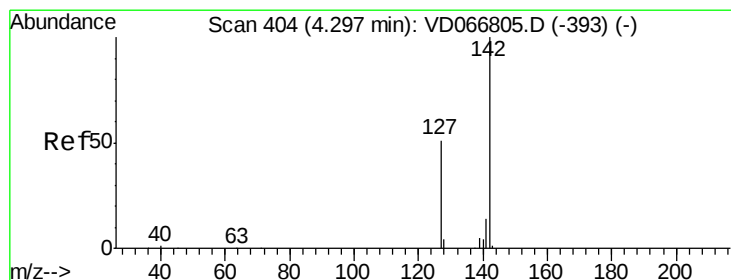
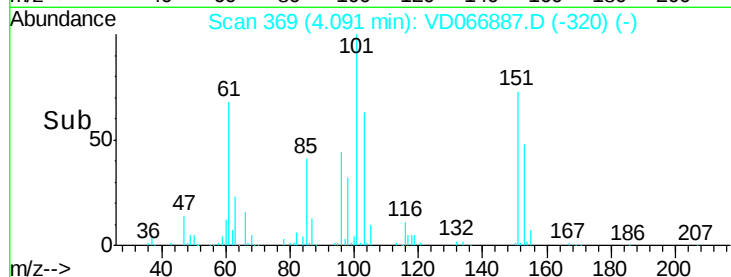
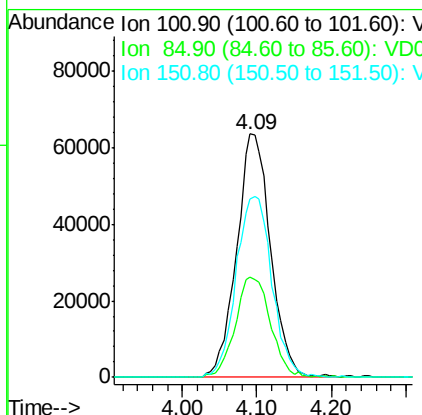
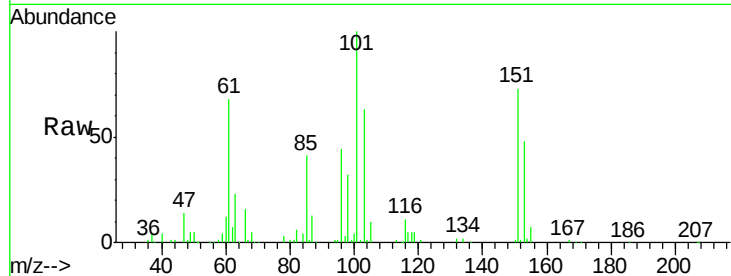
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	201169
Ion Ratio	Lower	Upper	
101	100		
85	42.8	35.4	53.2
151	78.5	61.4	92.0

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#10

Methyl Iodide

Concen: 54.903 ug/l

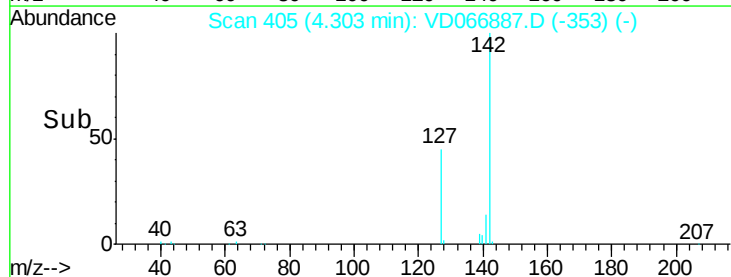
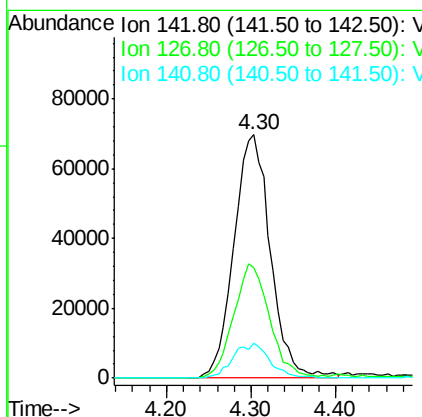
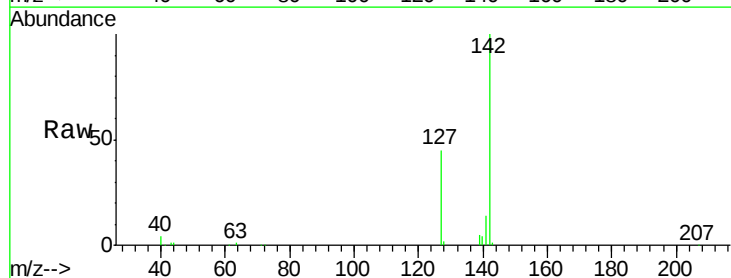
RT: 4.30 min Scan# 405

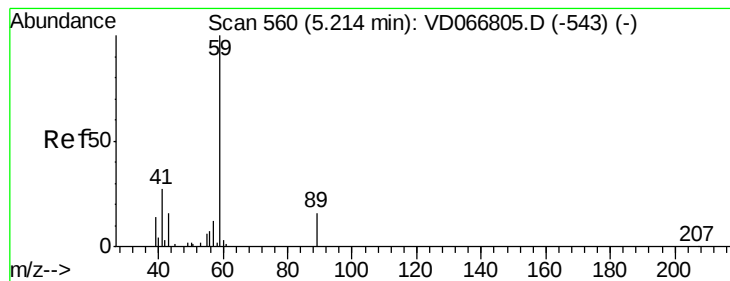
Delta R.T. 0.01 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Tgt Ion:	142	Resp:	209151
Ion Ratio	Lower	Upper	
142	100		
127	46.2	39.4	59.0
141	14.5	12.1	18.1





#11

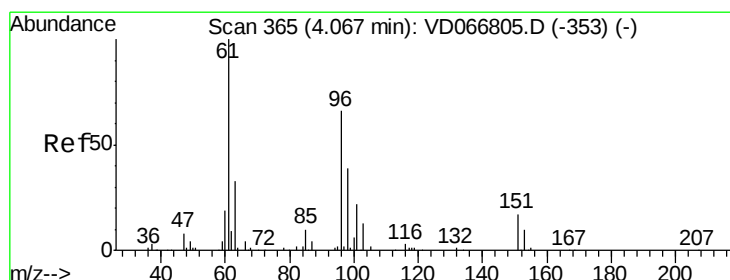
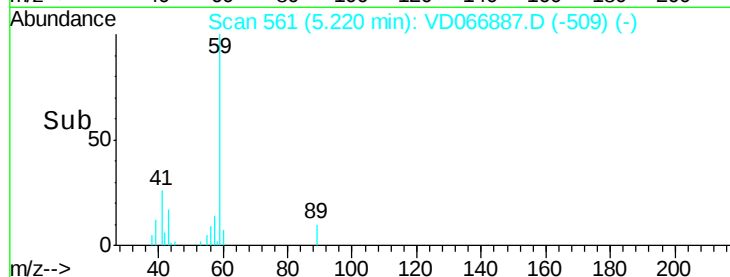
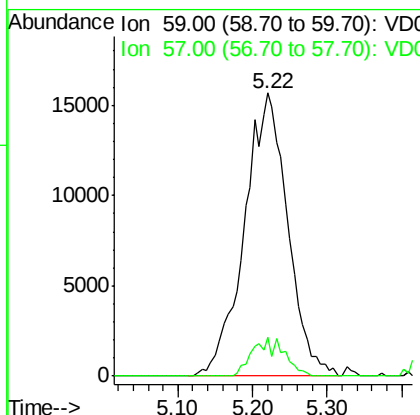
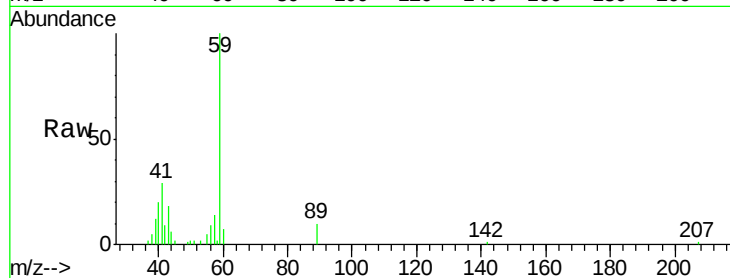
Tert butyl alcohol
Concen: 271.550 ug/l
RT: 5.22 min Scan# 561
Delta R.T. 0.01 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	4.2	8.3	12.5#

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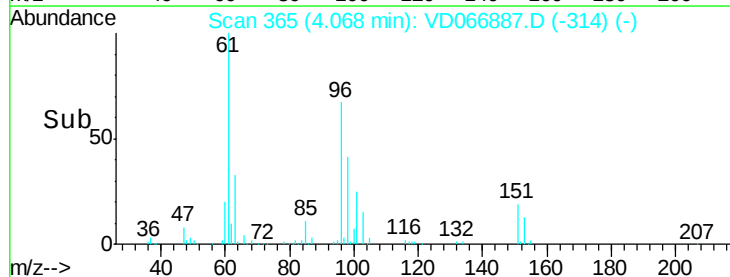
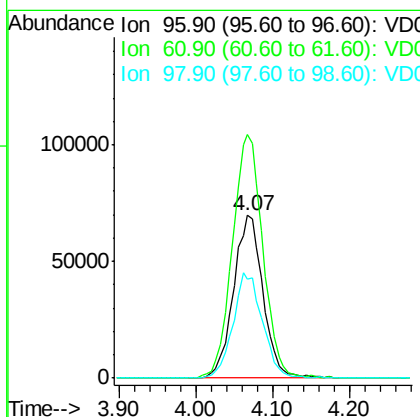
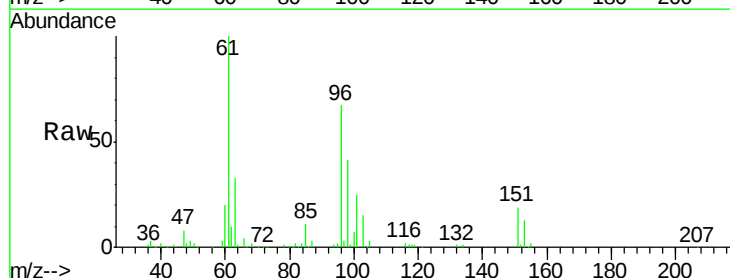
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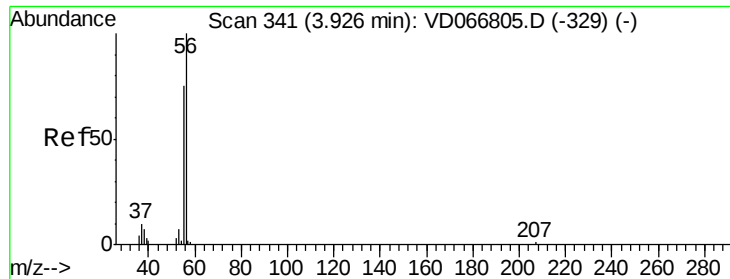


#12

1,1-Dichloroethene
Concen: 47.640 ug/l
RT: 4.07 min Scan# 365
Delta R.T. 0.00 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.8	120.8	181.2
98	60.8	47.7	71.5





#13

Acrolein

Concen: 284.689 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 82091

Ion Ratio Lower Upper

56 100

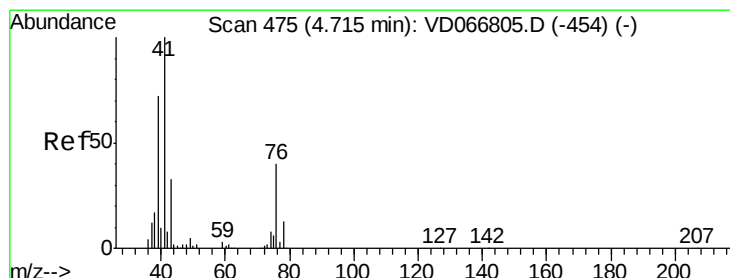
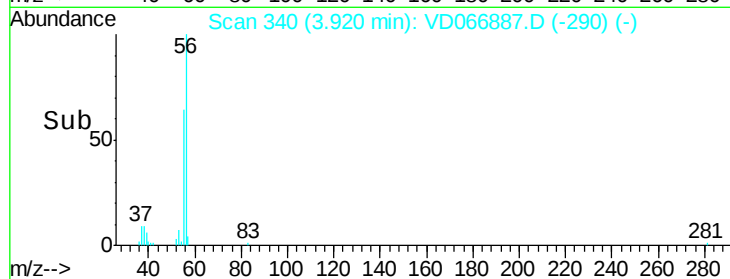
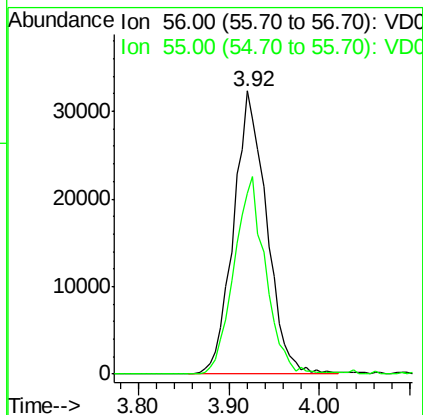
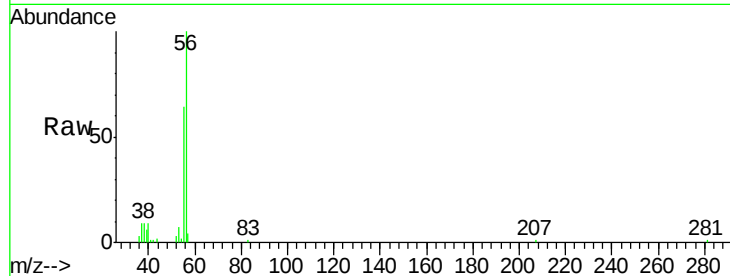
55 66.5 60.3 90.5

Manual Integrations

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#14

Allyl chloride

Concen: 48.477 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

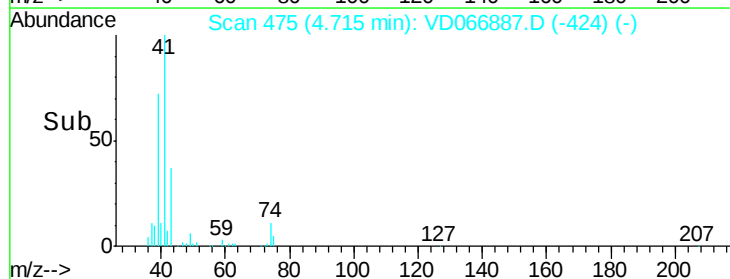
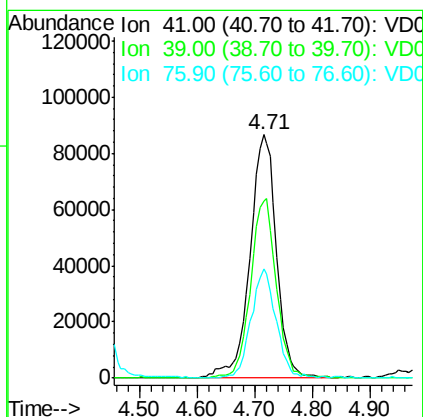
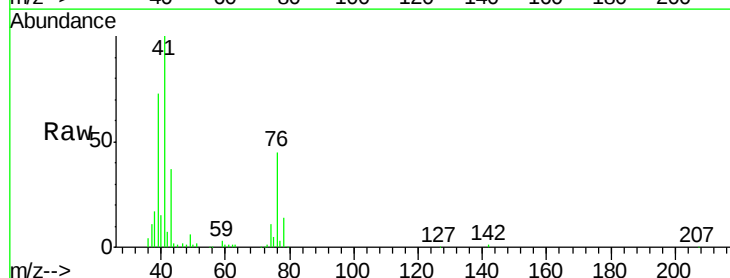
Tgt Ion: 41 Resp: 278380

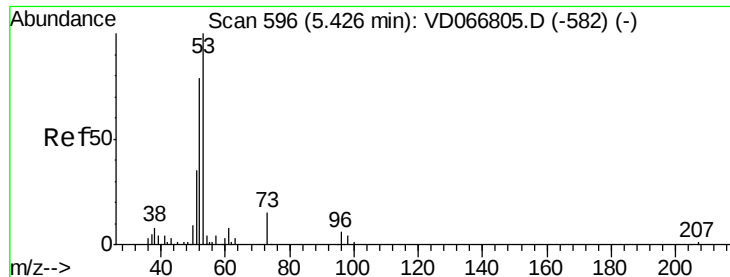
Ion Ratio Lower Upper

41 100

39 71.6 57.8 86.8

76 42.2 30.9 46.3





#15

Acrylonitrile

Concen: 259.600 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.00 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Instrument :

MSVOA_D

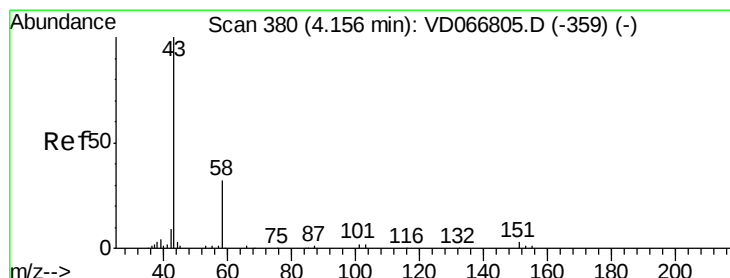
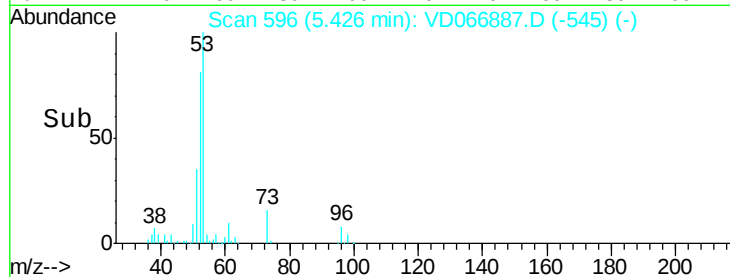
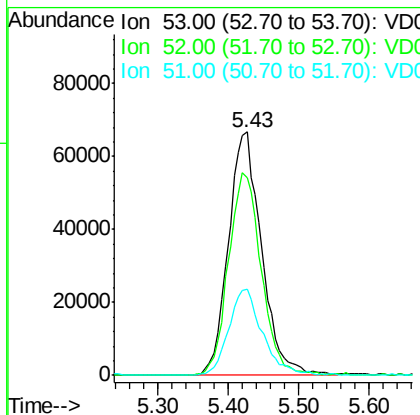
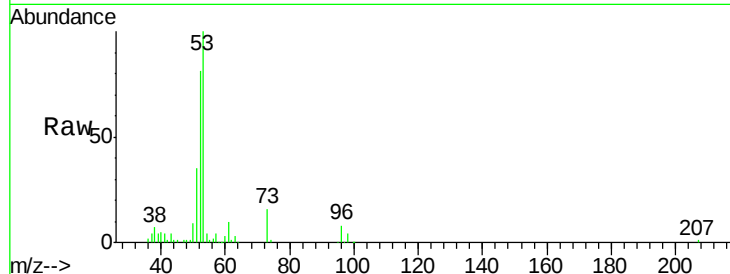
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	217440
Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.2	97.8
51	36.2	30.6	46.0

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#16

Acetone

Concen: 204.439 ug/l

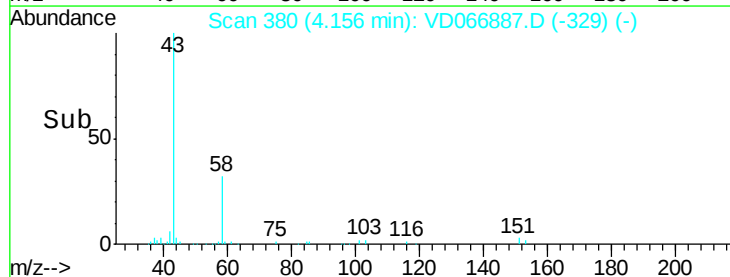
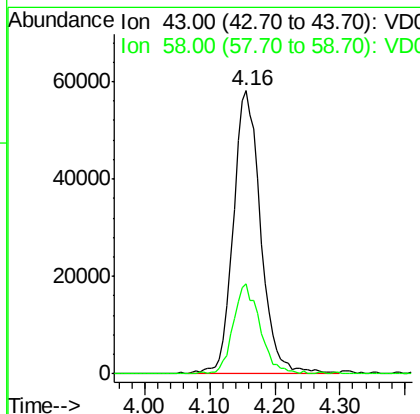
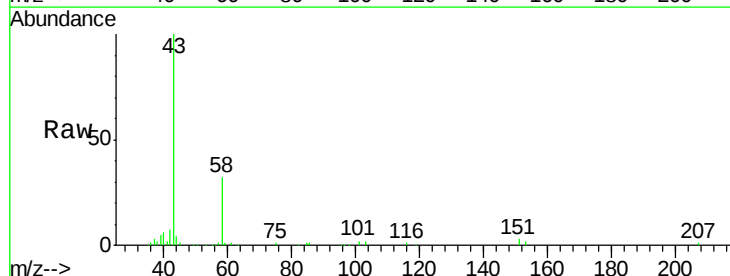
RT: 4.16 min Scan# 380

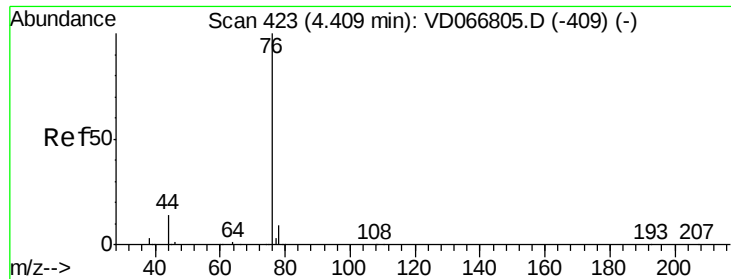
Delta R.T. 0.00 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Tgt Ion:	43	Resp:	169520
Ion	Ratio	Lower	Upper
43	100		
58	31.8	25.6	38.4





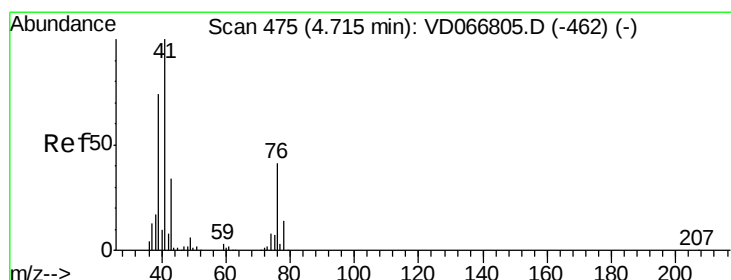
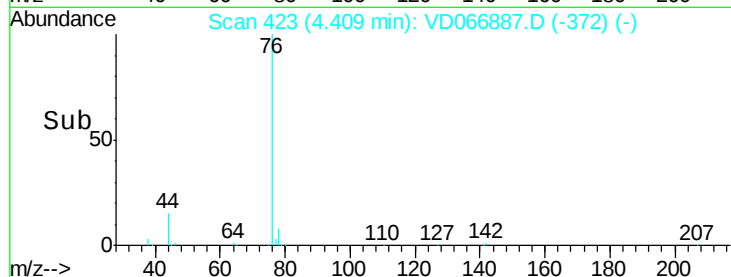
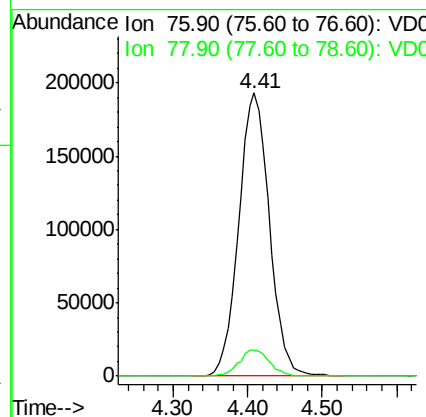
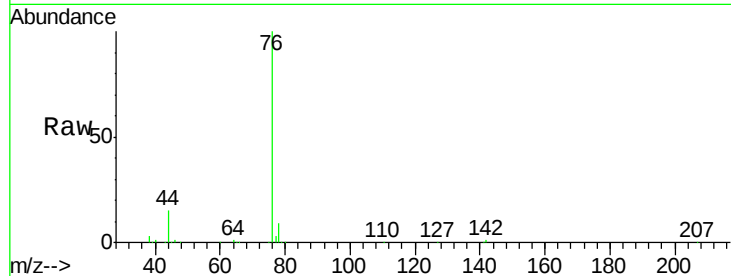
#17
Carbon Disulfide
Concen: 46.018 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
76	100	550195		
78	9.0		7.6	11.4

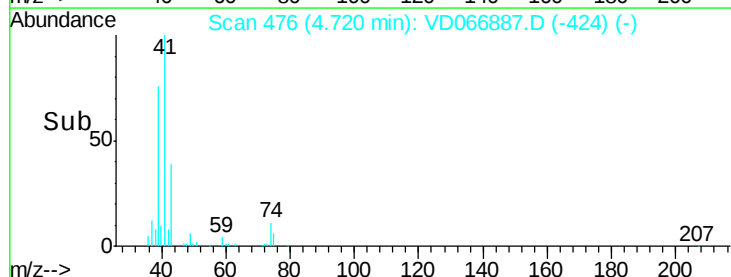
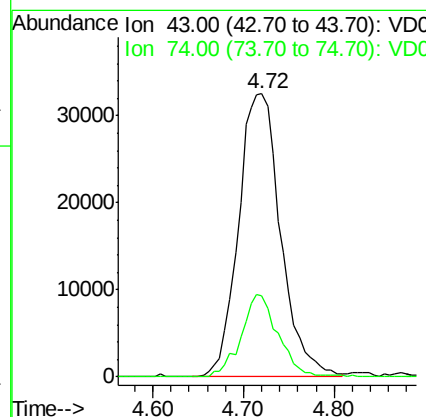
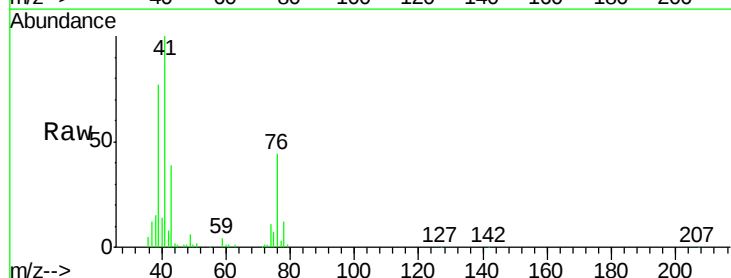
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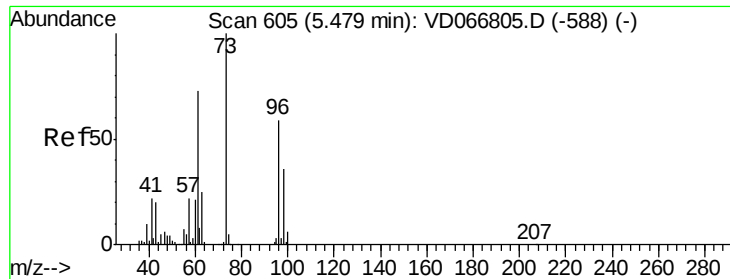
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#18
Methyl Acetate
Concen: 57.317 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	105062		
74	25.3		20.3	30.5





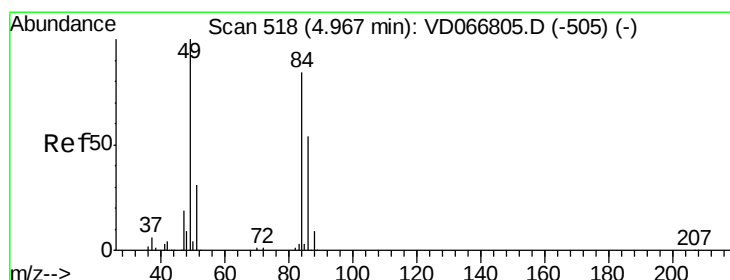
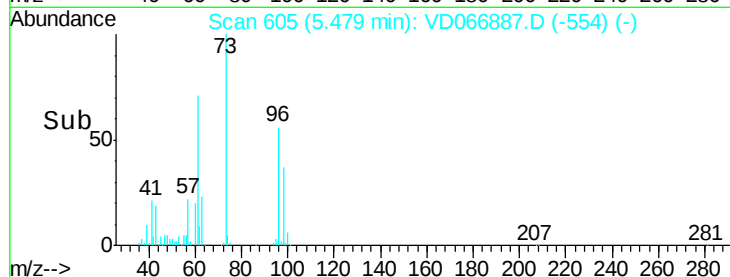
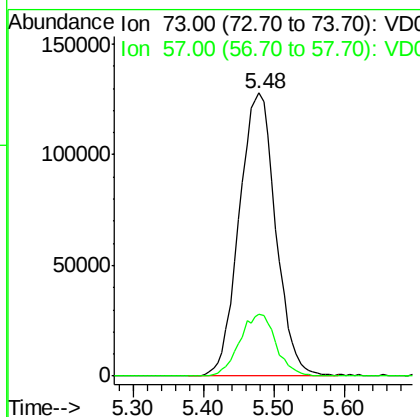
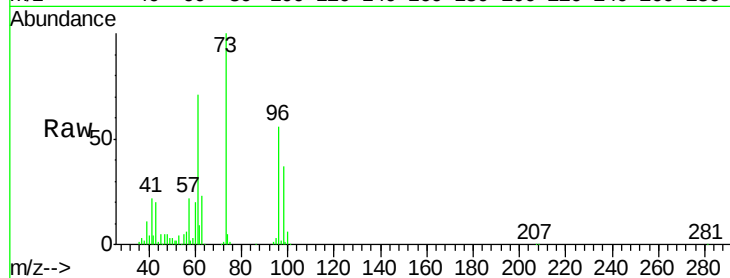
#19
Methyl tert-butyl Ether
Concen: 54.329 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.00 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 461402
Ion Ratio Lower Upper
73 100
57 21.7 17.4 26.2

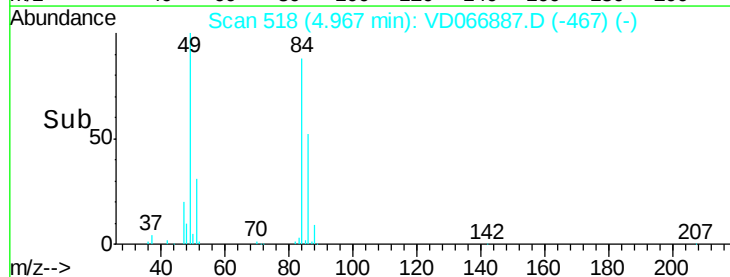
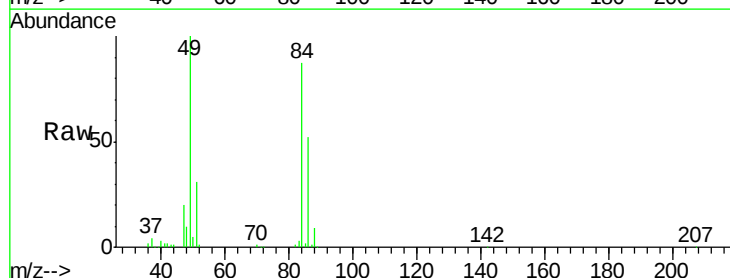
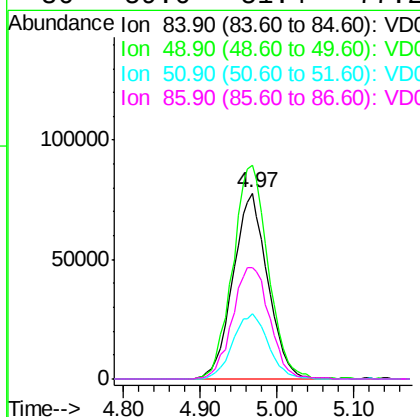
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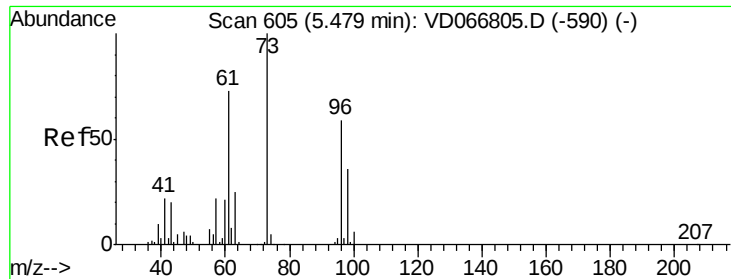
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#20
Methylene Chloride
Concen: 55.318 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

Tgt Ion: 84 Resp: 244786
Ion Ratio Lower Upper
84 100
49 114.7 95.4 143.2
51 35.1 29.7 44.5
86 59.6 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 50.737 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Instrument :

MSVOA_D

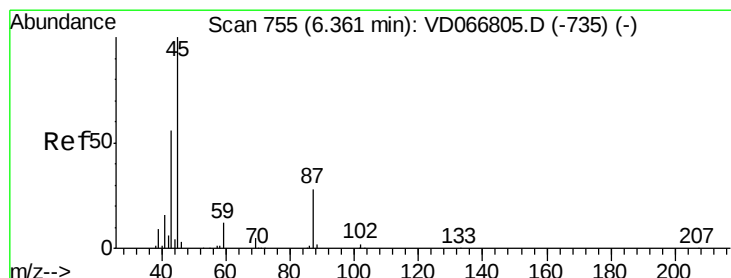
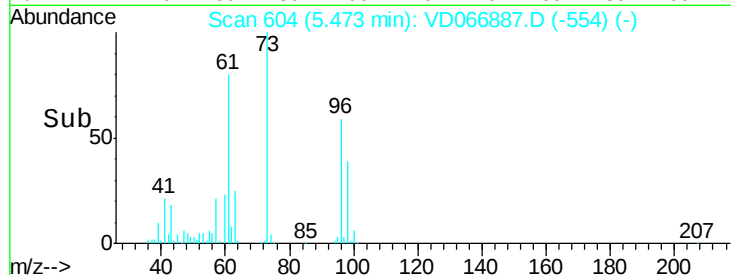
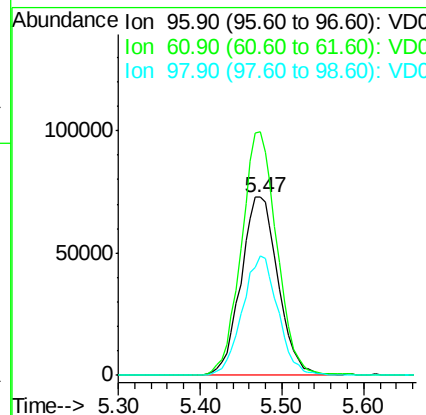
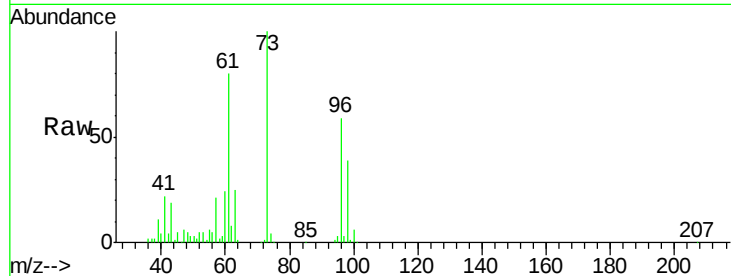
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	229744
Ion	Ratio	Lower	Upper
96	100		
61	136.6	98.9	148.3
98	66.9	48.4	72.6

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#22

Diisopropyl ether

Concen: 52.294 ug/l

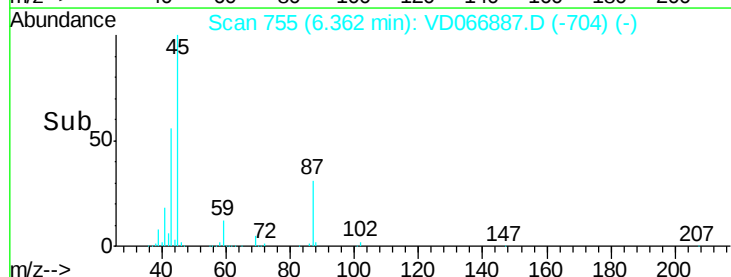
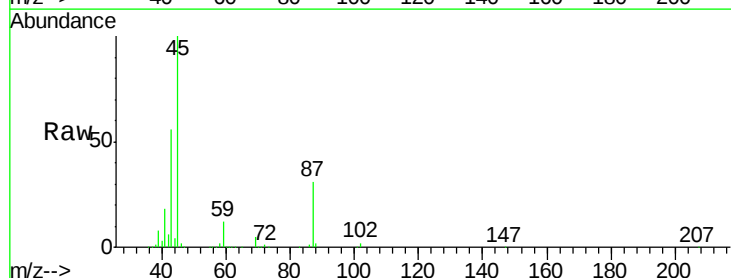
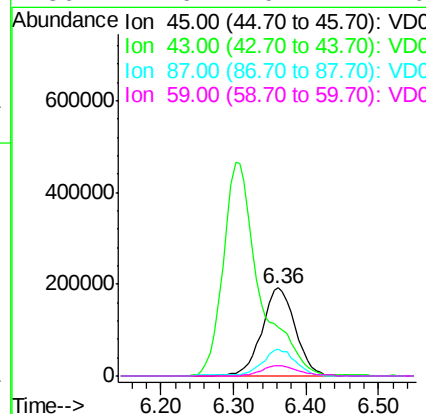
RT: 6.36 min Scan# 755

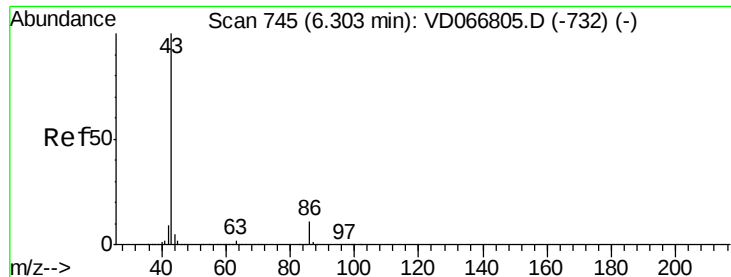
Delta R.T. 0.00 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Tgt Ion:	45	Resp:	617443
Ion	Ratio	Lower	Upper
45	100		
43	54.8	44.5	66.7
87	30.7	22.9	34.3
59	11.6	9.4	14.0





#23

Vinyl Acetate

Concen: 253.394 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1624600

Ion Ratio Lower Upper

43 100

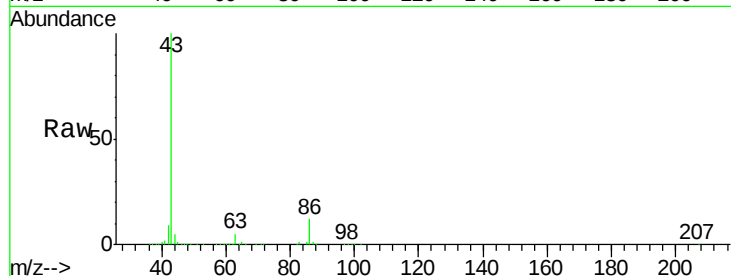
86 11.7 8.9 13.3

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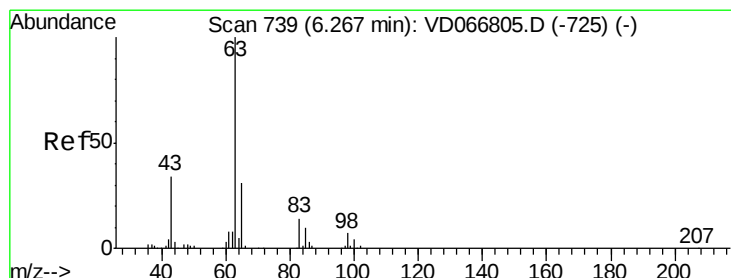
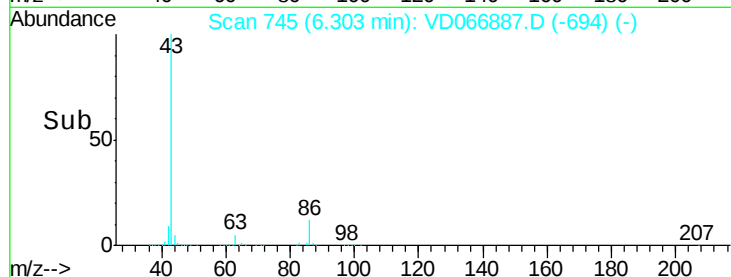
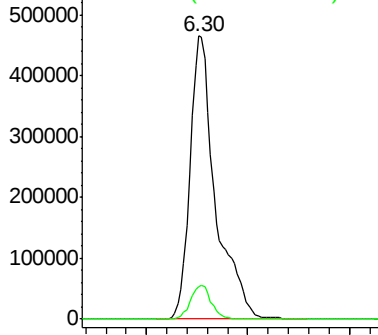
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 49.007 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

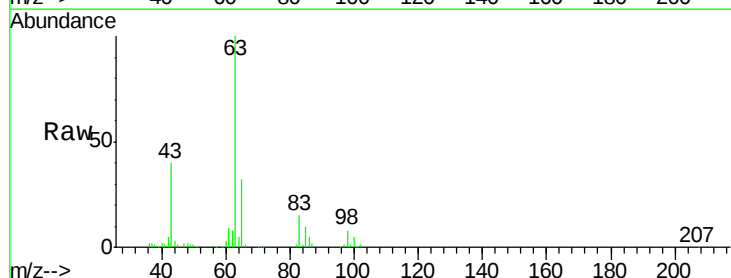
Tgt Ion: 63 Resp: 387100

Ion Ratio Lower Upper

63 100

98 8.1 3.7 11.1

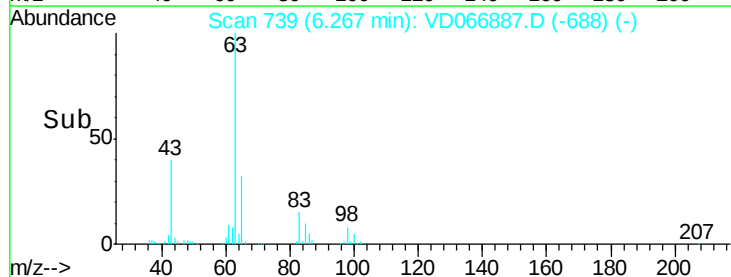
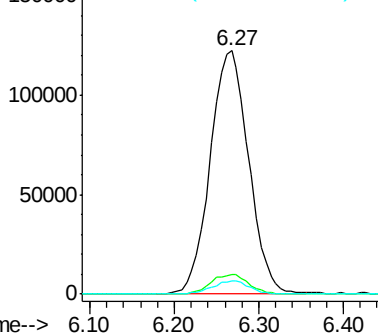
100 5.4 1.8 5.5

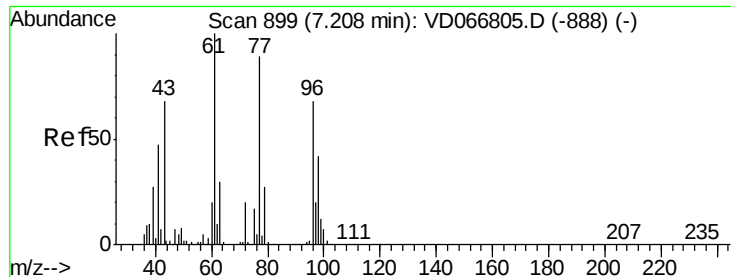


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 254.802 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 253903

Ion Ratio Lower Upper

43 100

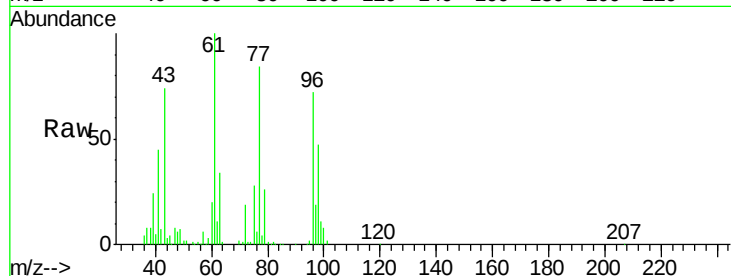
72 25.9 22.9 34.3

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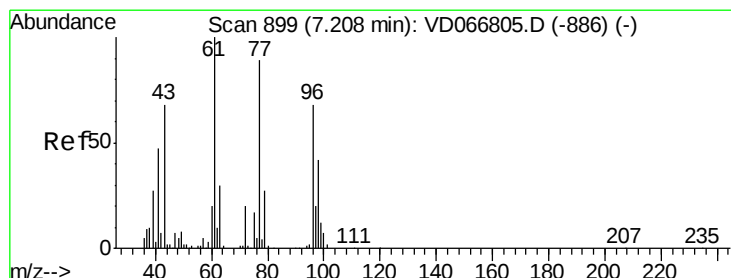
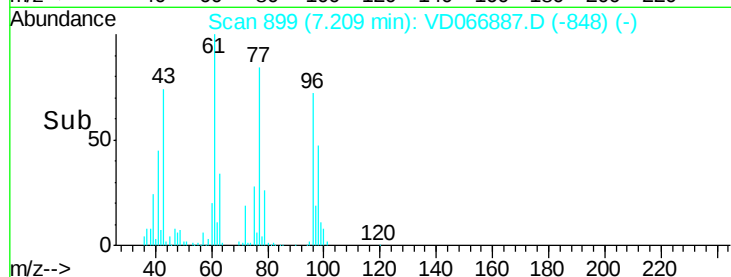
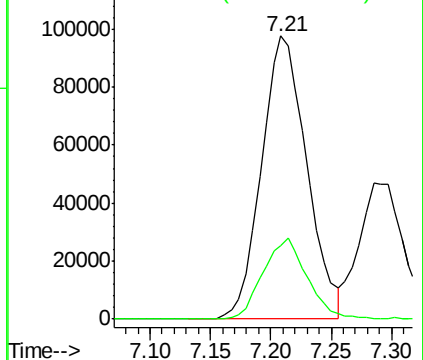
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 44.742 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066887.D

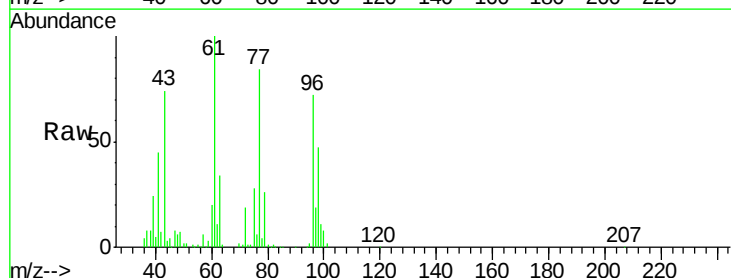
Acq: 25 Sep 2020 22:33

Tgt Ion: 77 Resp: 323921

Ion Ratio Lower Upper

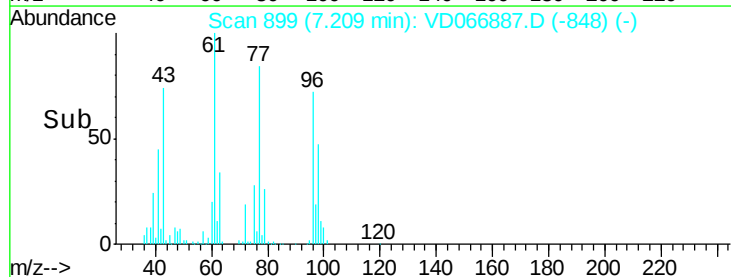
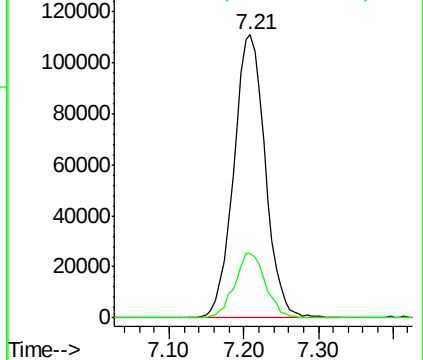
77 100

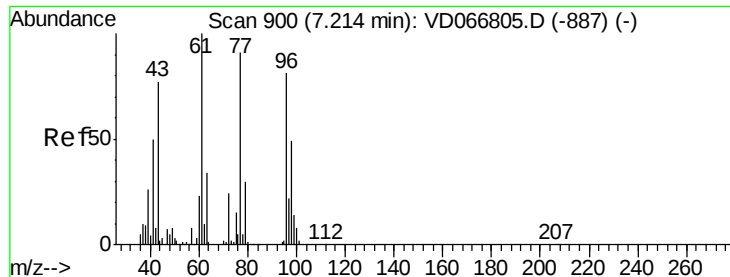
97 22.5 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





#27

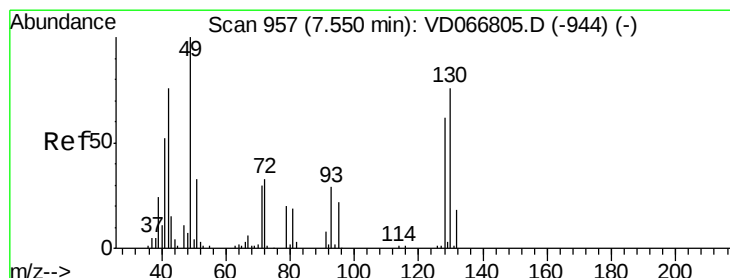
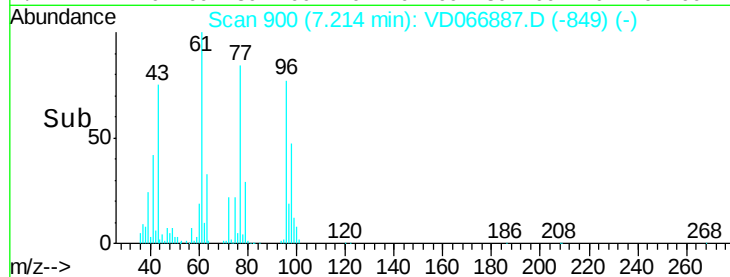
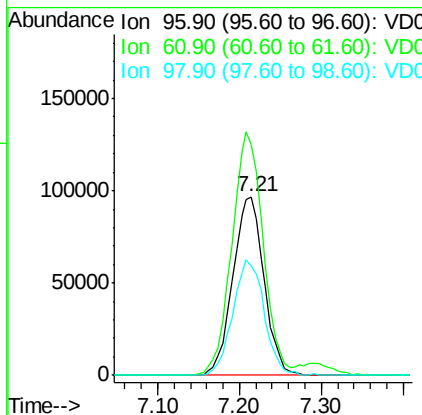
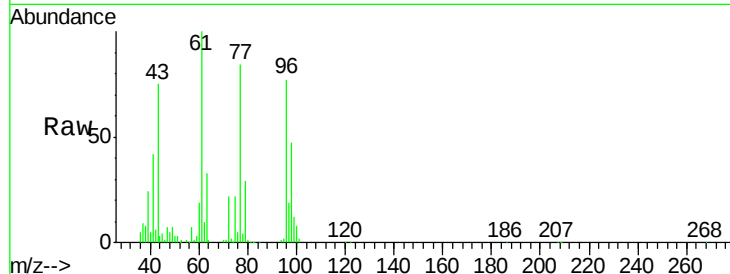
cis-1,2-Dichloroethene
 Concen: 52.086 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD066887.D
 Acq: 25 Sep 2020 22:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	256257		
61	136.9	0.0	283.8	
98	64.9	0.0	128.4	

Manual Integrations
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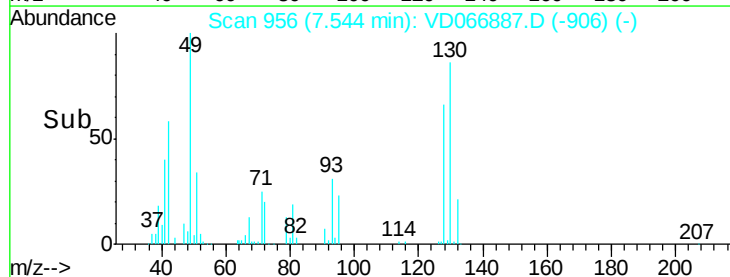
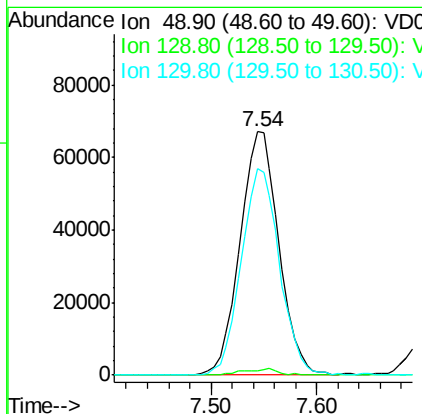
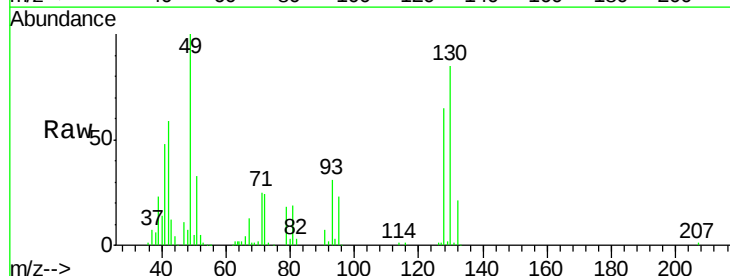
MMDadoda
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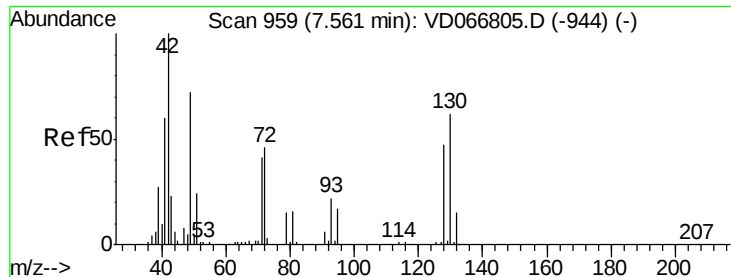


#28

Bromochloromethane
 Concen: 52.357 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD066887.D
 Acq: 25 Sep 2020 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	170852		
129	2.3	0.0	2.0#	
130	84.1	65.9	98.9	





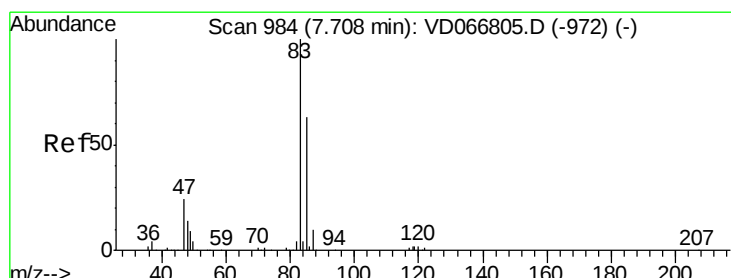
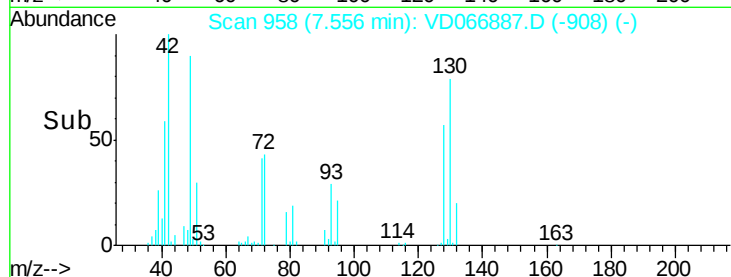
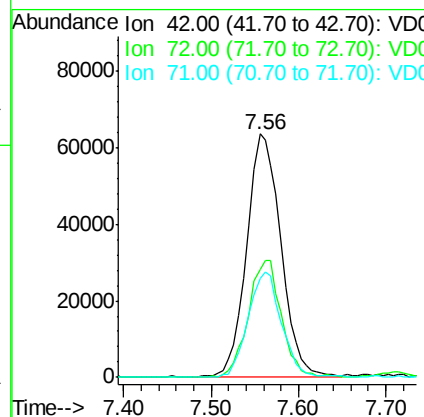
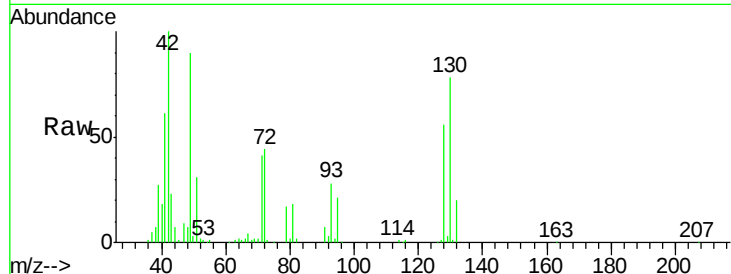
#29
Tetrahydrofuran
Concen: 265.247 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
42	100	169358		
72	46.5	36.2	54.4	
71	41.9	32.4	48.6	

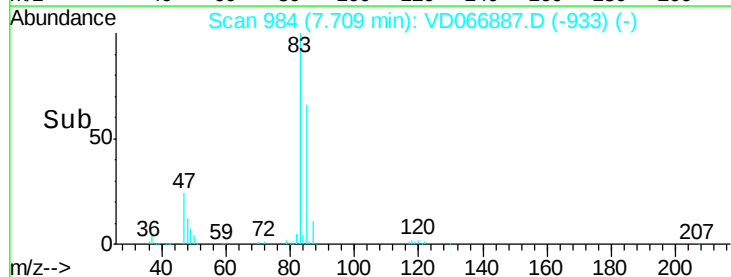
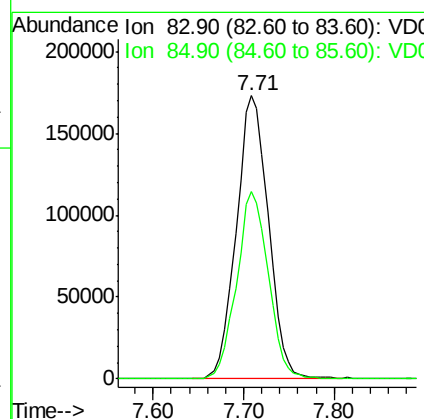
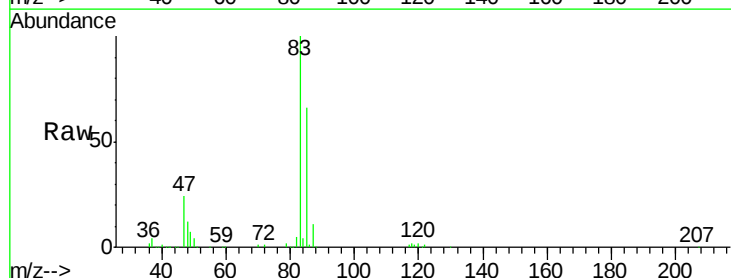
Manual Integrations
APPROVED

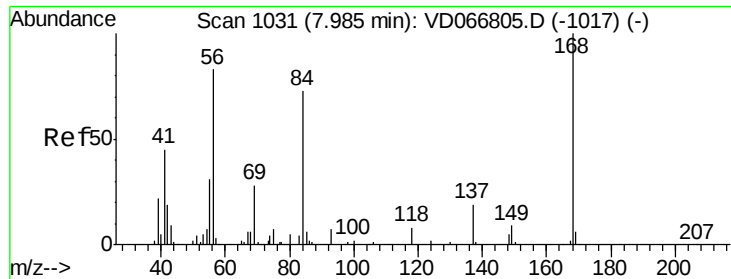
MMDadoda
9/29/2020 11:45:27 AM



#30
Chloroform
Concen: 50.017 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	425868		
85	66.3	50.6	75.8	





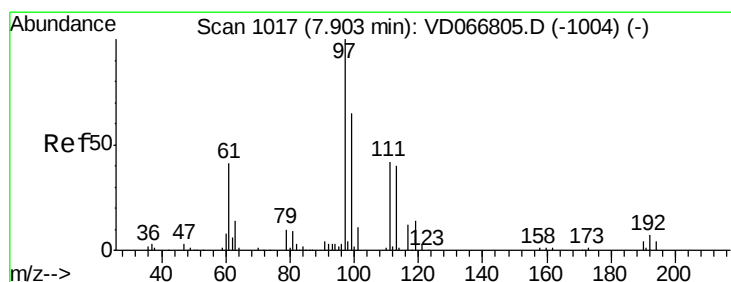
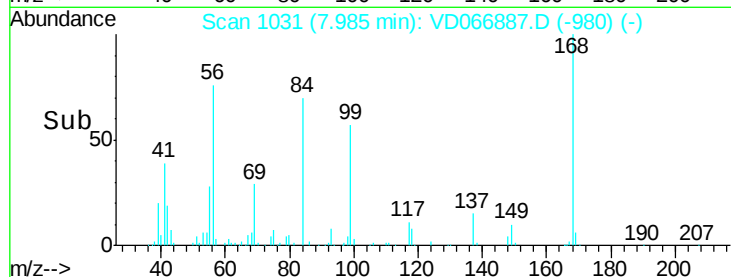
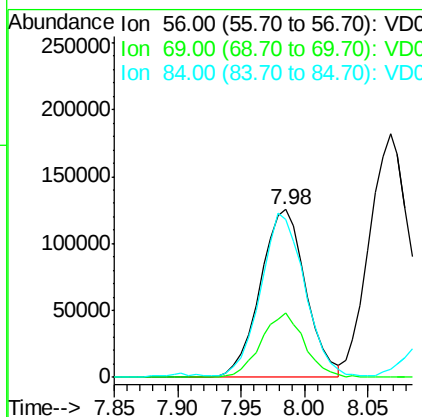
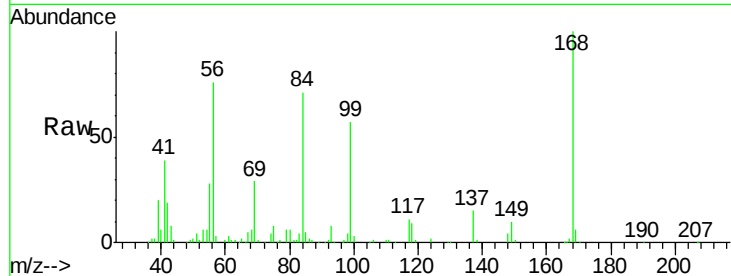
#31
Cyclohexane
Concen: 44.053 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.2	27.0	40.4
84	92.9	70.2	105.4

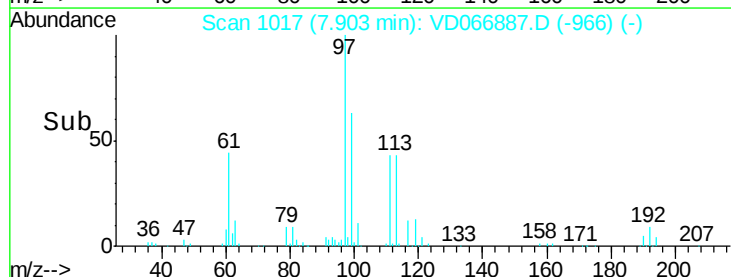
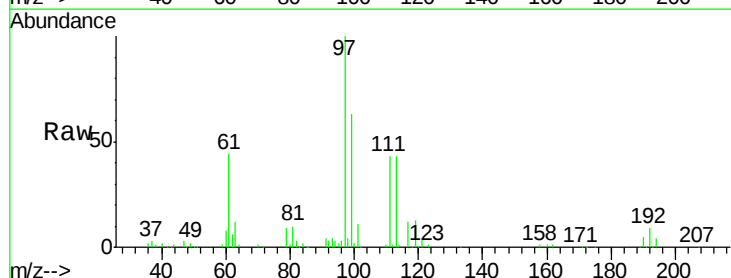
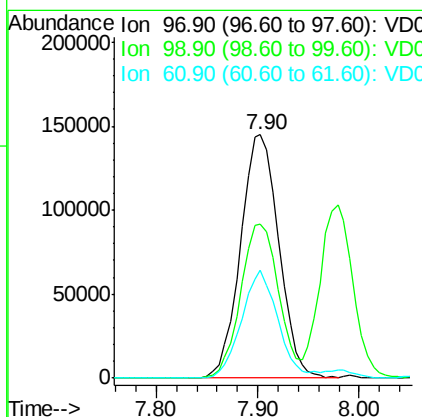
Manual Integrations
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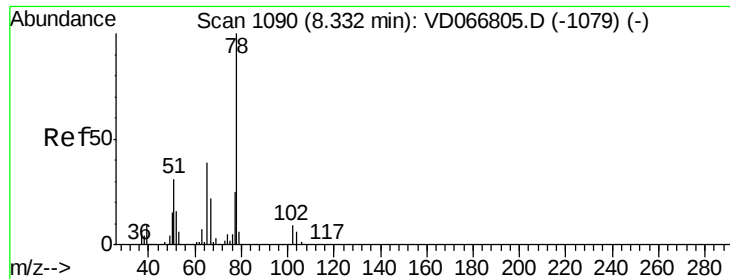
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9/29/2020 11:45:27 AM



#32
1,1,1-Trichloroethane
Concen: 49.302 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.5	77.3
61	41.7	34.2	51.4





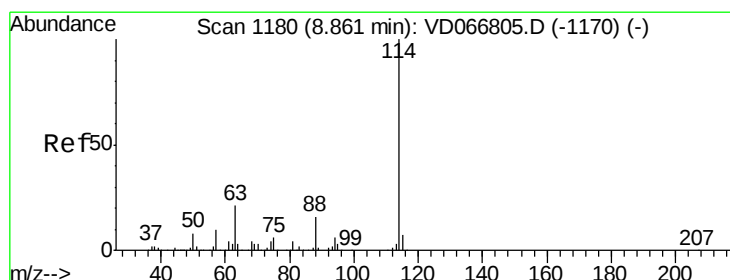
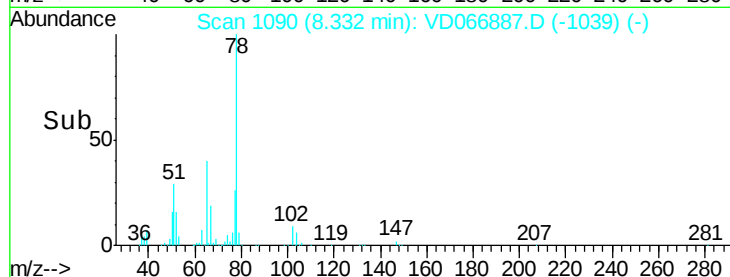
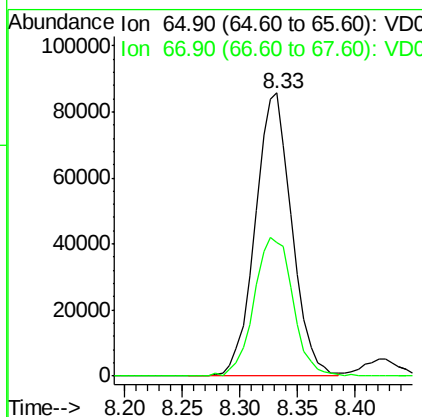
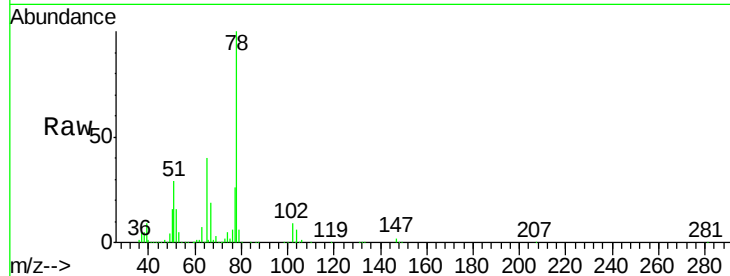
#33
 1,2-Dichloroethane-d4
 Concen: 48.350 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD066887.D
 Acq: 25 Sep 2020 22:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	188991		
67	52.2	0.0	107.2	

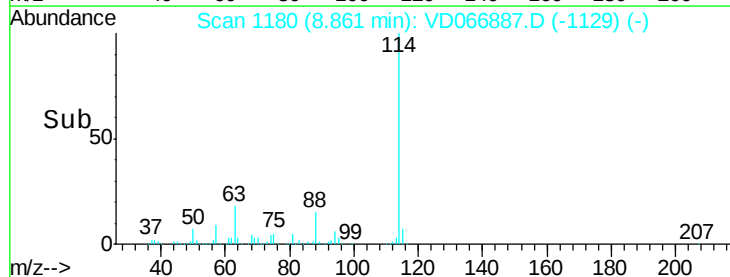
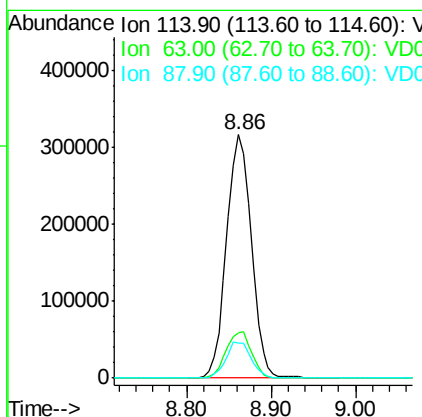
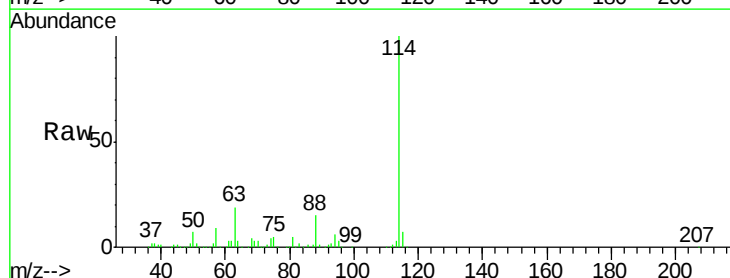
Manual Integrations
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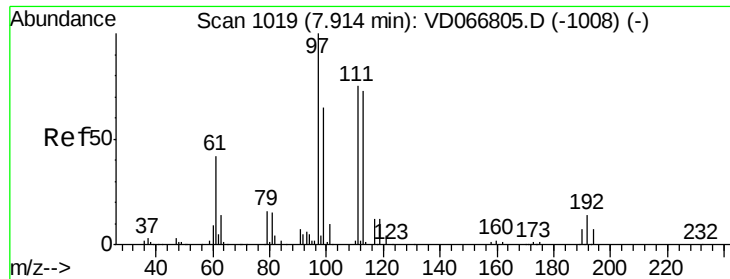
MMDadoda
 9/29/2020 11:45:27 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066887.D
 Acq: 25 Sep 2020 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	645910		
63	18.5	0.0	42.6	
88	14.6	0.0	32.6	





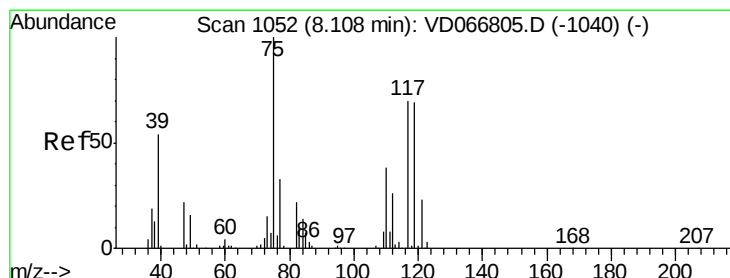
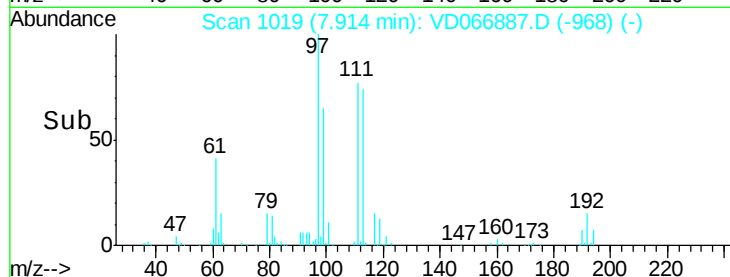
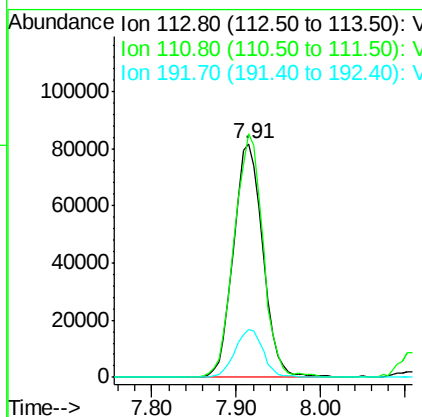
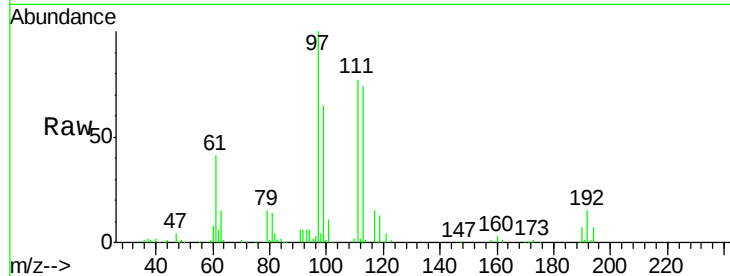
#35
 Dibromofluoromethane
 Concen: 47.632 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD066887.D
 Acq: 25 Sep 2020 22:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	195733		
111	102.7	81.8	122.8	
192	19.7	14.4	21.6	

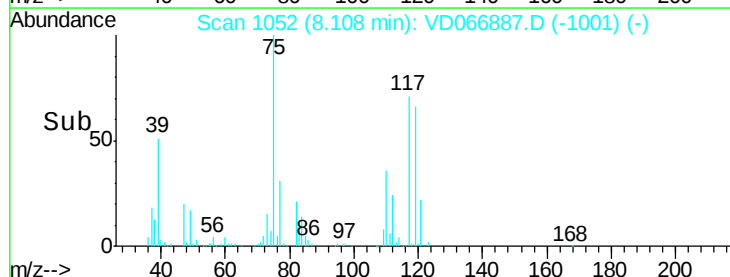
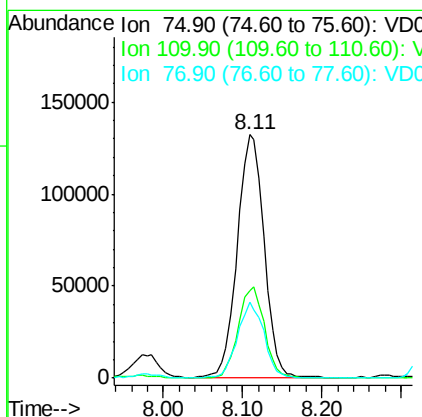
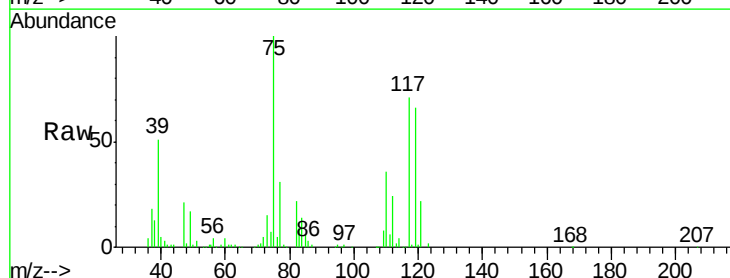
Manual Integrations
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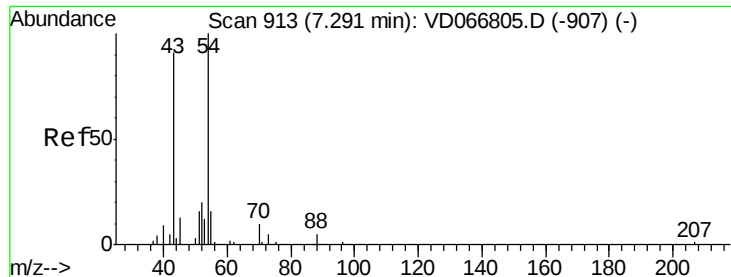
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 9/29/2020 11:45:27 AM



#36
 1,1-Dichloropropene
 Concen: 48.528 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VD066887.D
 Acq: 25 Sep 2020 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	310964		
110	36.7	17.9	53.8	
77	30.8	25.0	37.6	





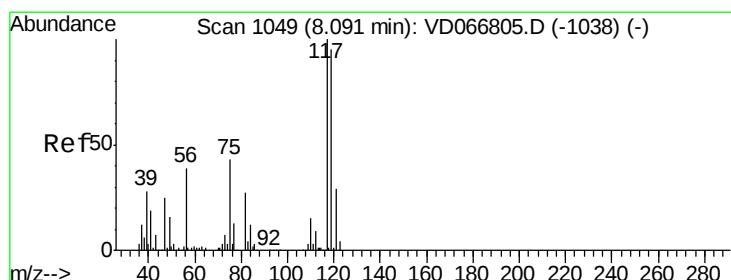
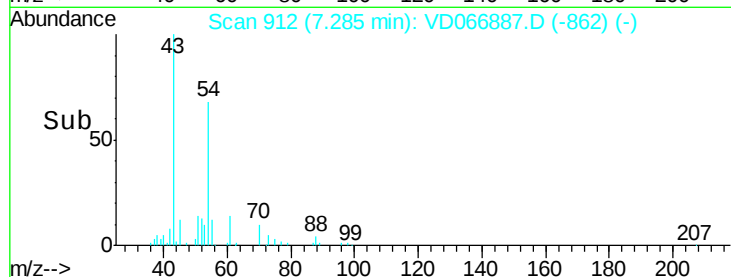
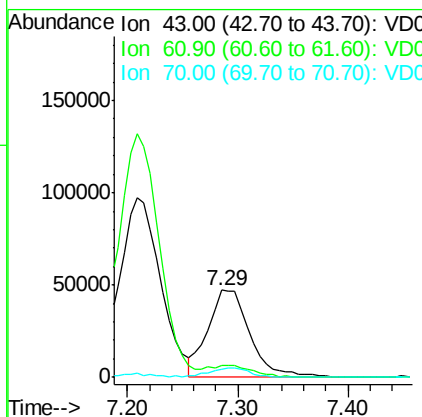
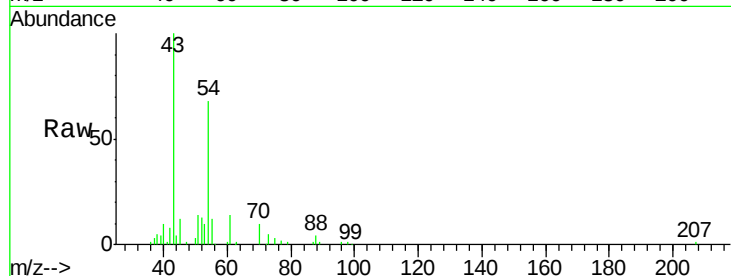
#37
Ethyl Acetate
Concen: 53.284 ug/l
RT: 7.29 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
61	13.9	9.8	14.8	
70	10.8	8.5	12.7	

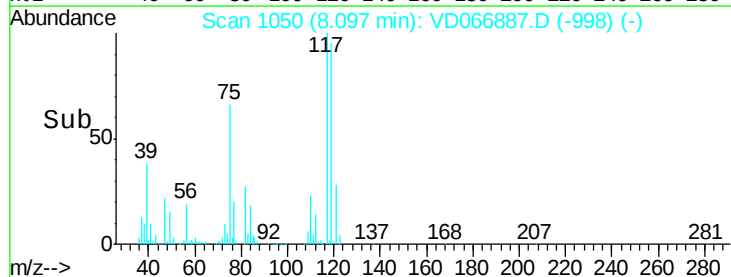
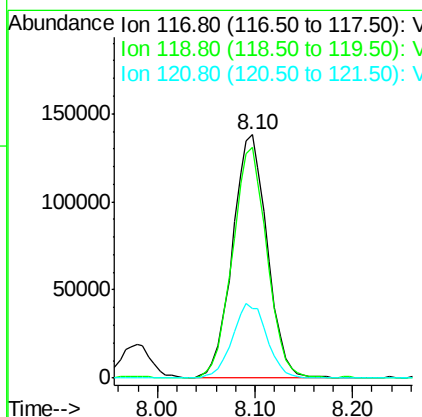
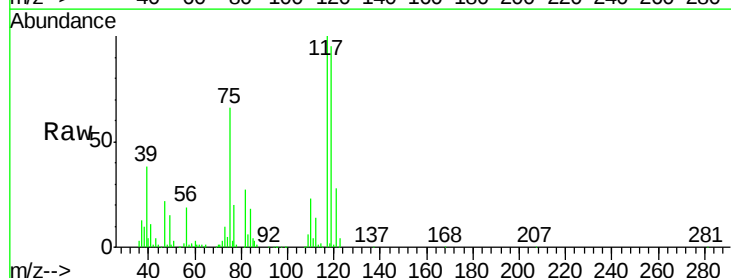
Manual Integrations
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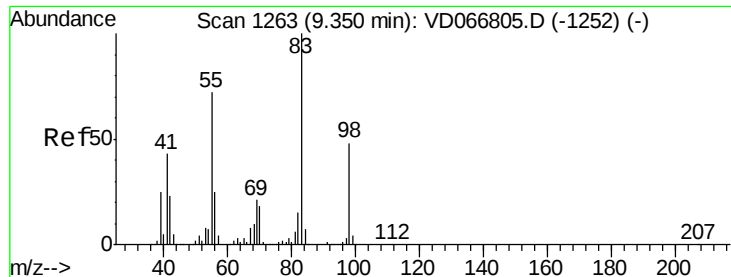
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#38
Carbon Tetrachloride
Concen: 48.425 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.8	75.8	113.8	
121	28.5	23.4	35.0	





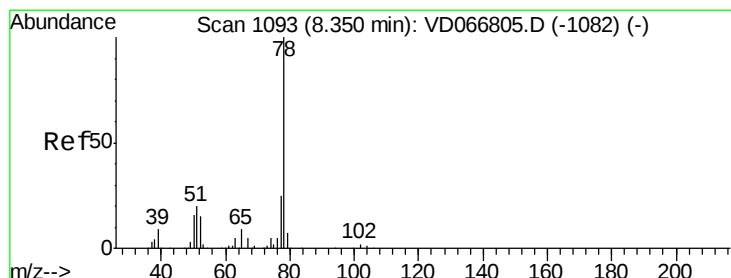
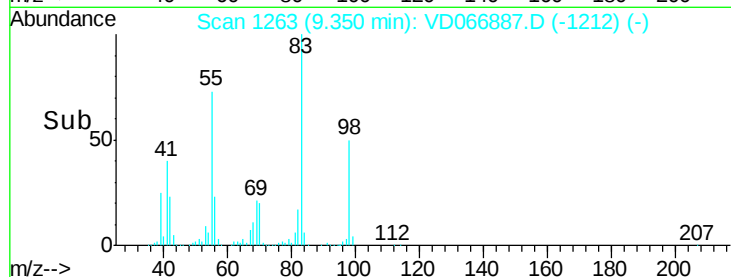
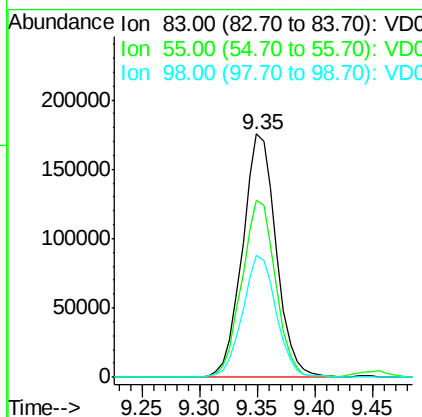
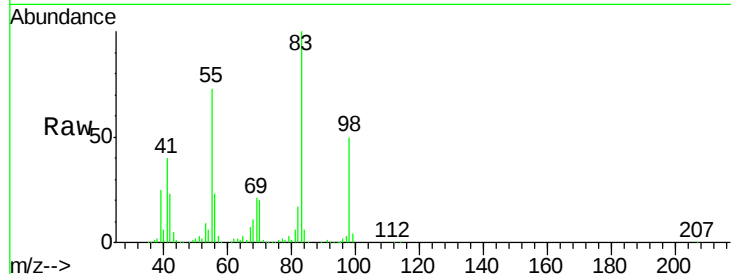
#39
Methvlcvclohexane
Concen: 48.410 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	356166		
55	72.7		57.7	86.5
98	50.1		38.4	57.6

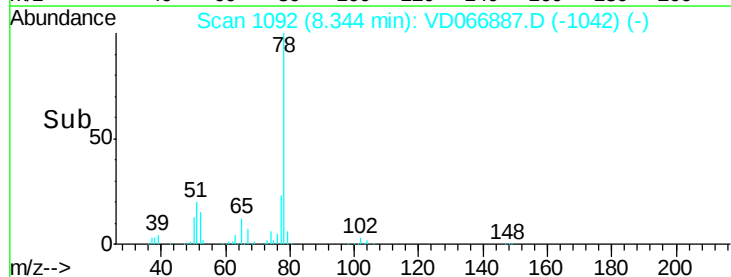
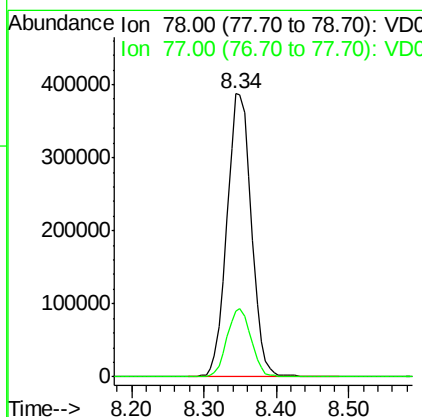
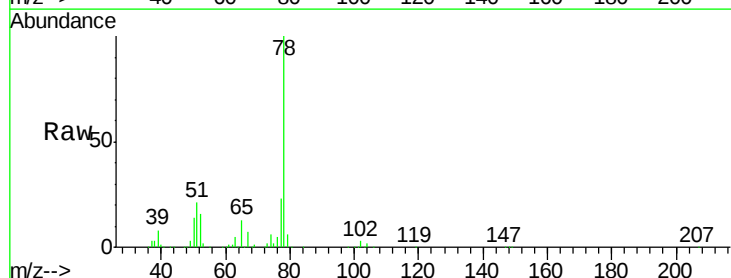
Manual Integrations
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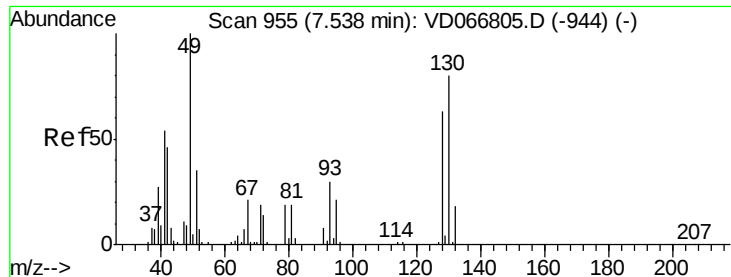
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#40
Benzene
Concen: 50.860 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	908303		
77	23.3		19.9	29.9





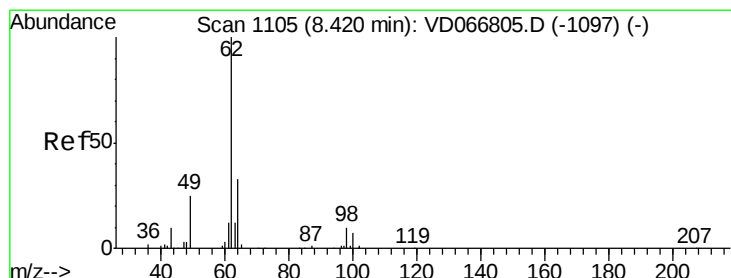
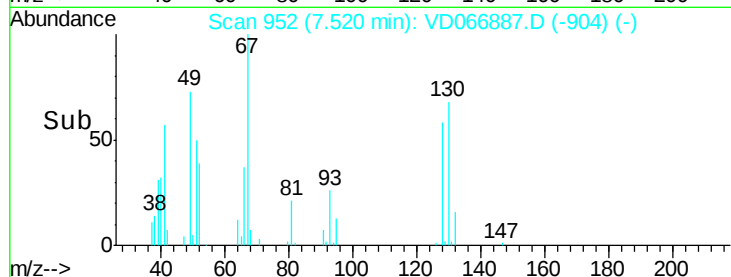
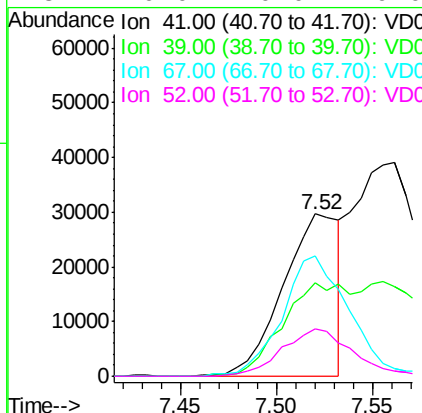
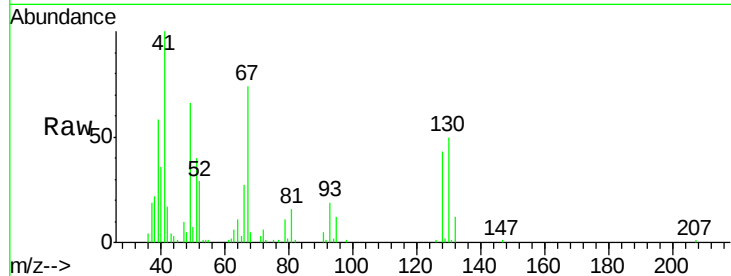
#41
Methacrylonitrile
Concen: 42.553 ug/l m
RT: 7.52 min Scan# 952
Delta R.T. -0.02 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

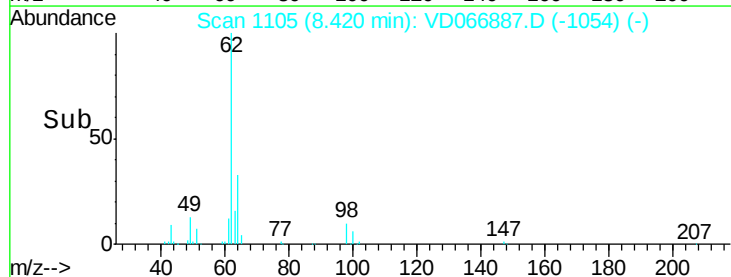
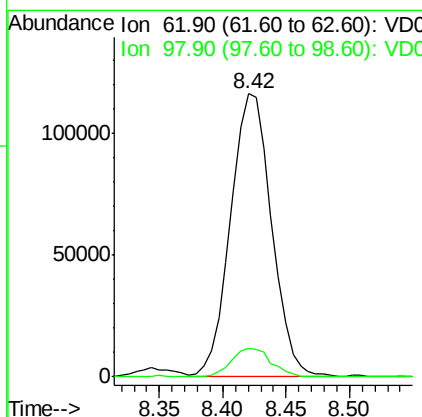
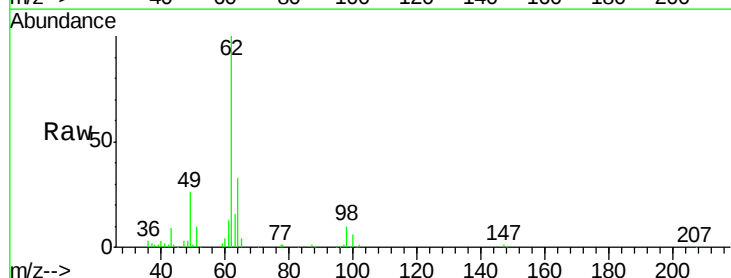
Manual Integrations
APPROVED

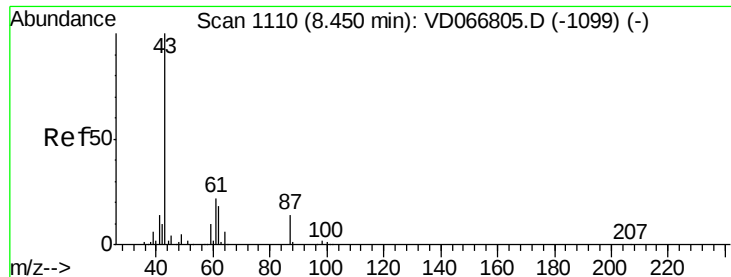
MMDadoda
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#42
1,2-Dichloroethane
Concen: 49.329 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.8





#43

Isopropyl Acetate

Concen: 51.915 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Instrument :

MSVOA_D

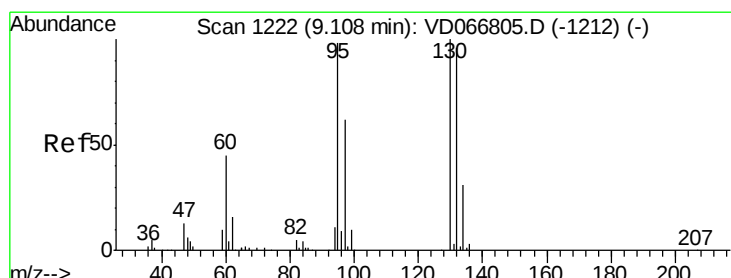
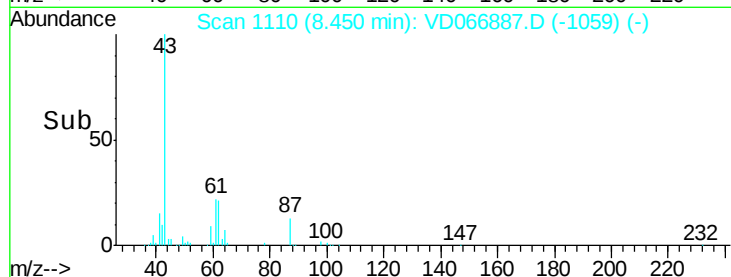
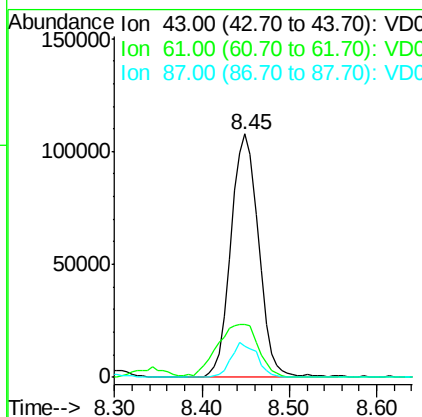
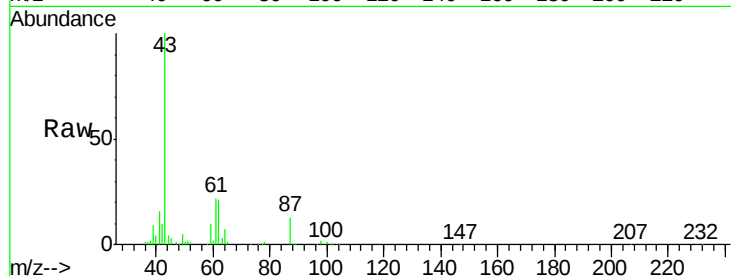
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	231862
Ion	Ratio	Lower	Upper
43	100		
61	32.9	26.2	39.4
87	13.6	11.5	17.3

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#44

Trichloroethene

Concen: 50.416 ug/l

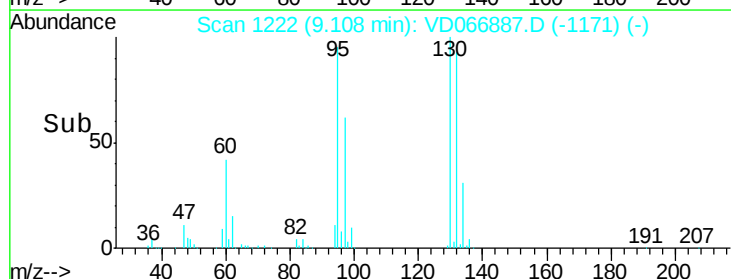
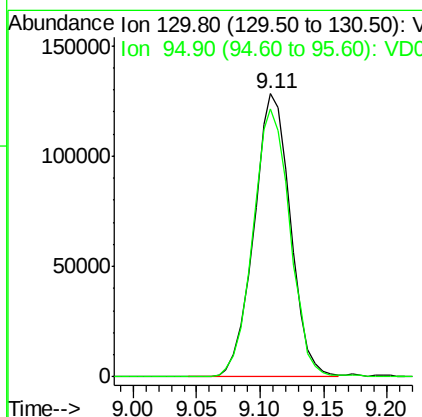
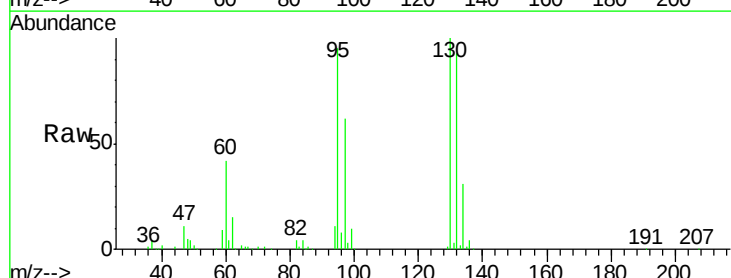
RT: 9.11 min Scan# 1222

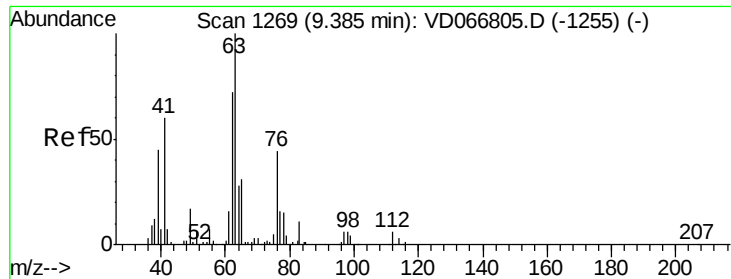
Delta R.T. 0.00 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Tgt Ion:	130	Resp:	256635
Ion	Ratio	Lower	Upper
130	100		
95	94.6	0.0	197.0





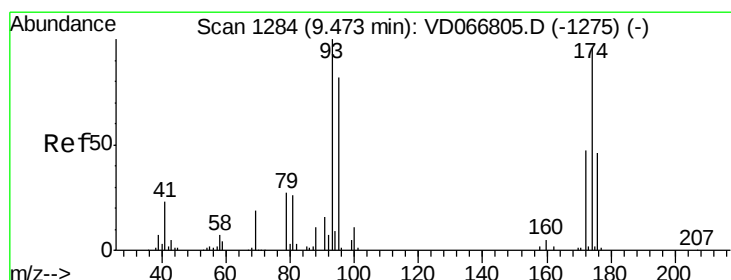
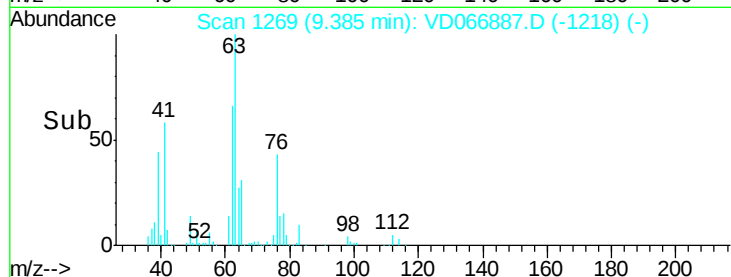
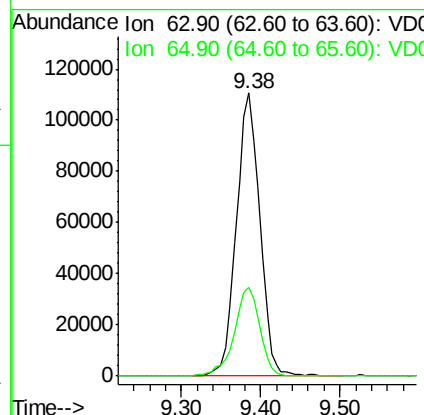
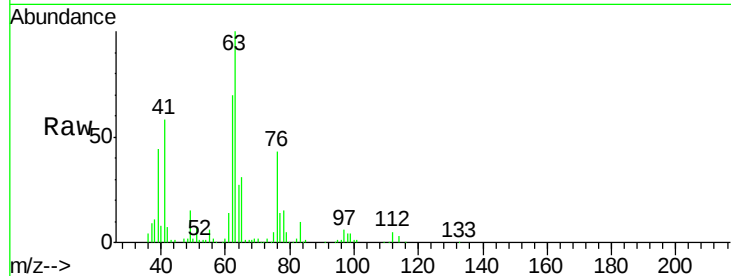
#45
 1,2-Dichloropropane
 Concen: 50.585 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD066887.D
 Acq: 25 Sep 2020 22:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.3	24.7	37.1

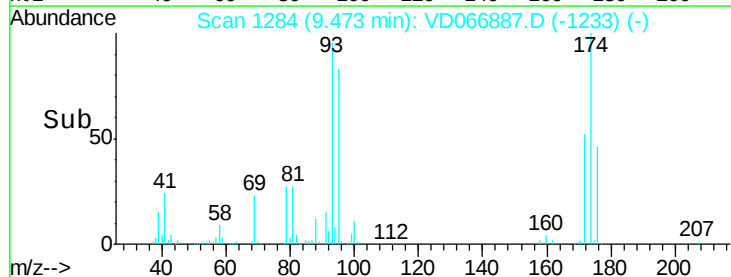
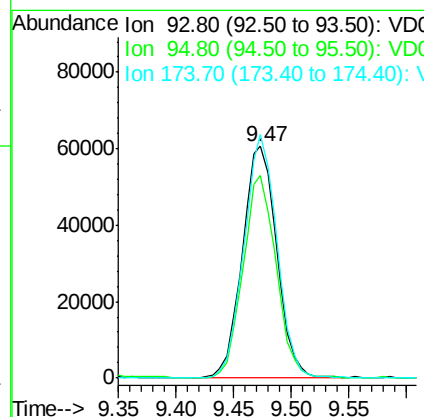
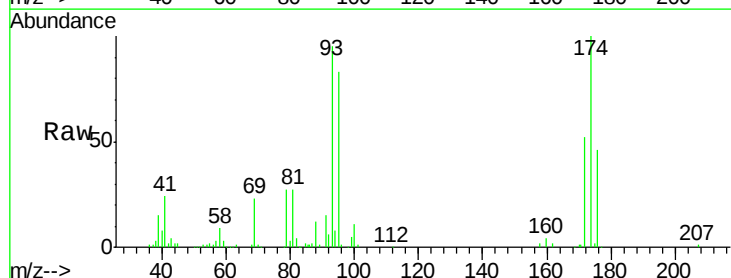
Manual Integrations
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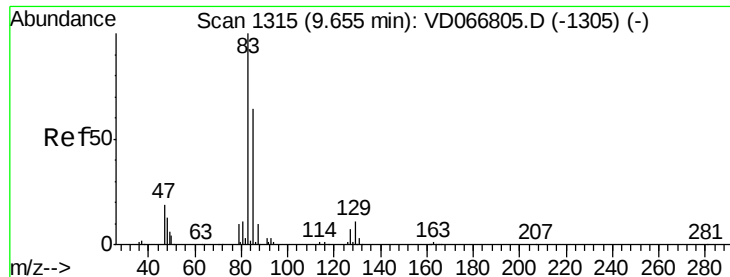
MMDadoda
 9/29/2020 11:45:27 AM



#46
 Dibromomethane
 Concen: 51.680 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD066887.D
 Acq: 25 Sep 2020 22:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.1	65.3	97.9
174	100.5	75.4	113.2





#47

Bromodichloromethane

Concen: 50.758 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Instrument :

MSVOA_D

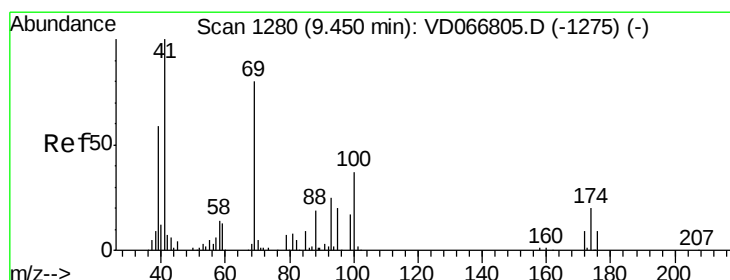
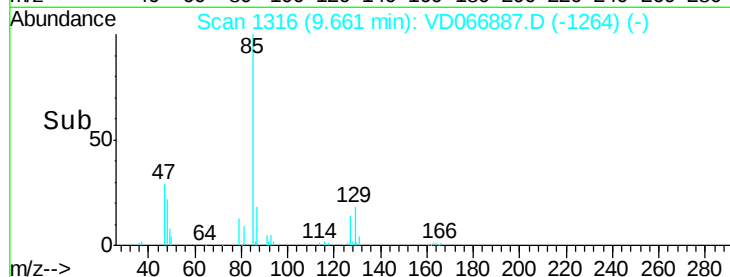
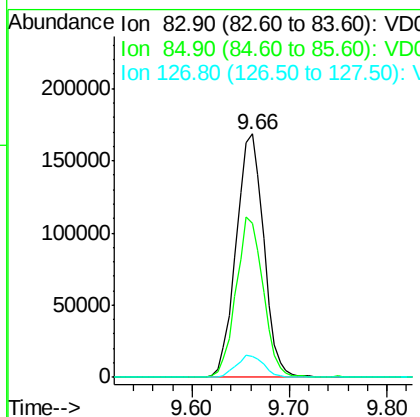
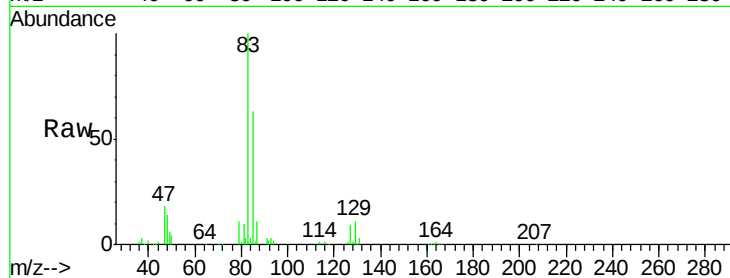
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	332882
Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.9	76.3
127	8.8	5.9	8.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.942 ug/l

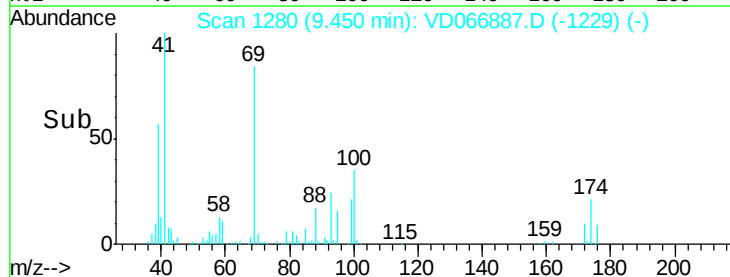
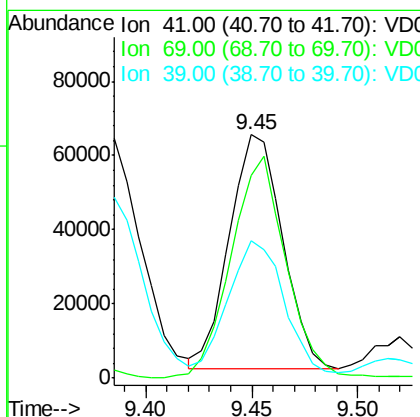
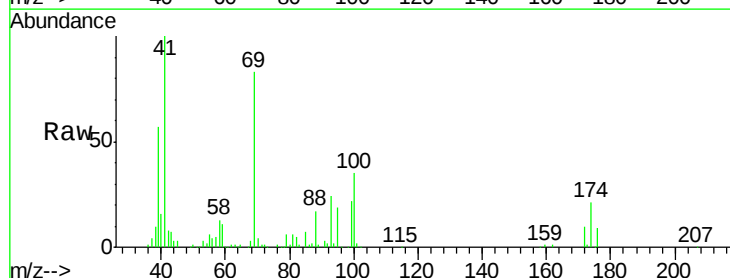
RT: 9.45 min Scan# 1280

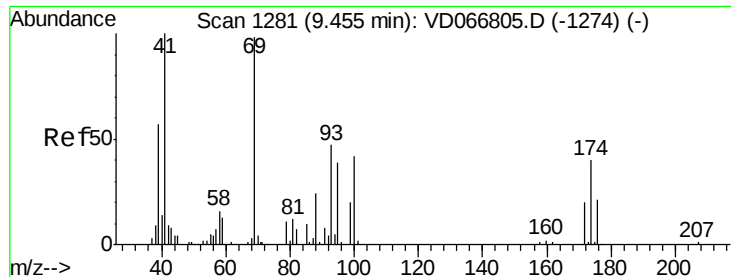
Delta R.T. 0.00 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Tgt Ion:	41	Resp:	109972
Ion	Ratio	Lower	Upper
41	100		
69	97.4	74.5	111.7
39	58.7	47.0	70.6





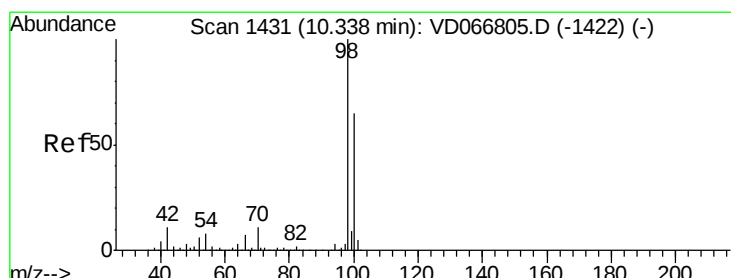
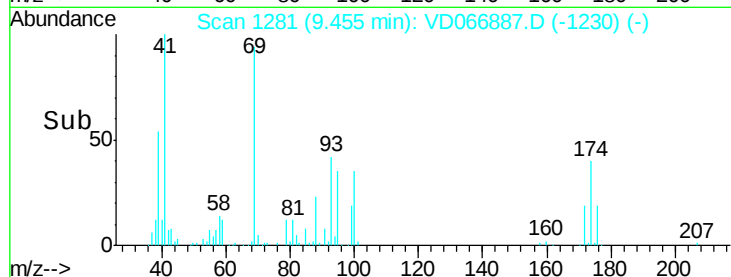
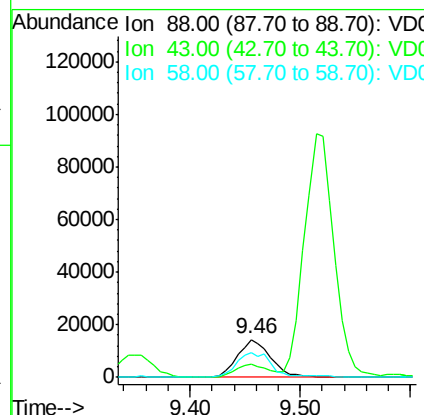
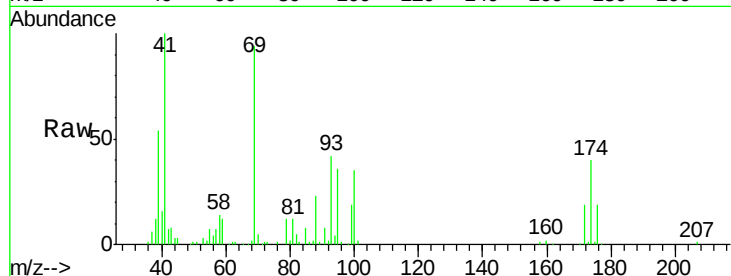
#49
1,4-Dioxane
Concen: 1104.154 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	30270
Ion	Ratio	Lower	Upper
88	100		
43	34.7	27.7	41.5
58	66.1	55.5	83.3

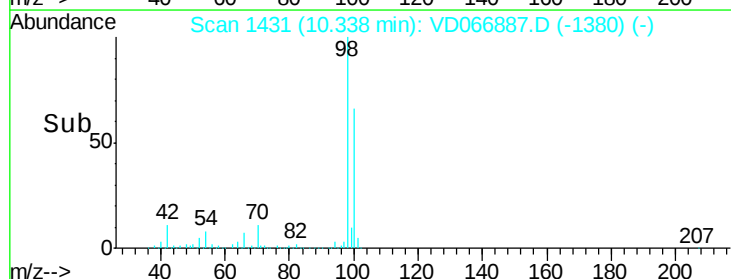
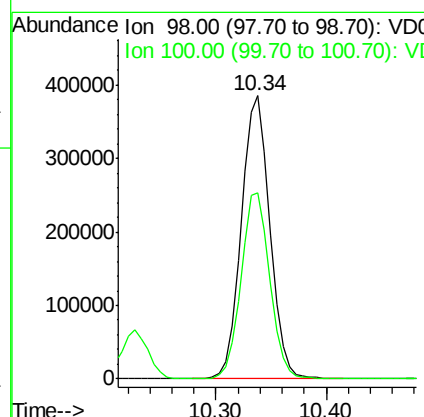
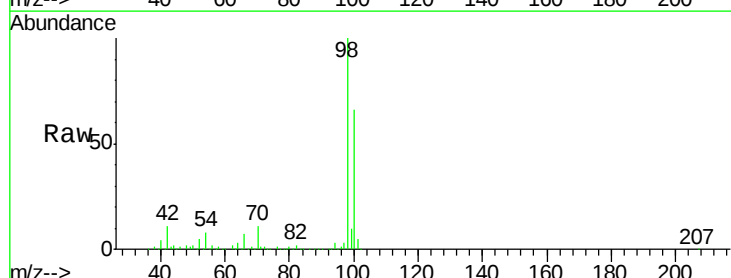
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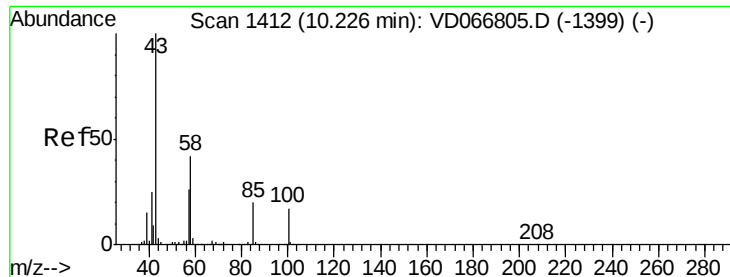
MMDadoda
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#50
Toluene-d8
Concen: 50.011 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

Tgt Ion	98	Resp	700202
Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 266.666 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 603470

Ion Ratio Lower Upper

43 100

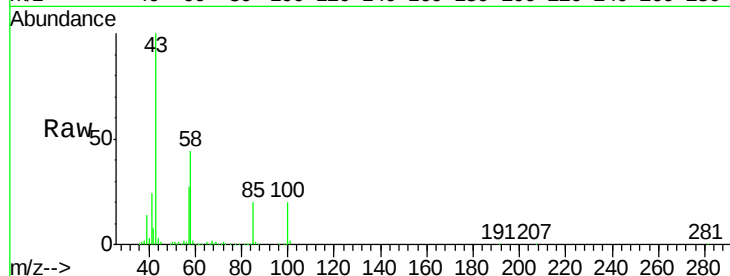
58 40.8 32.2 48.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.23

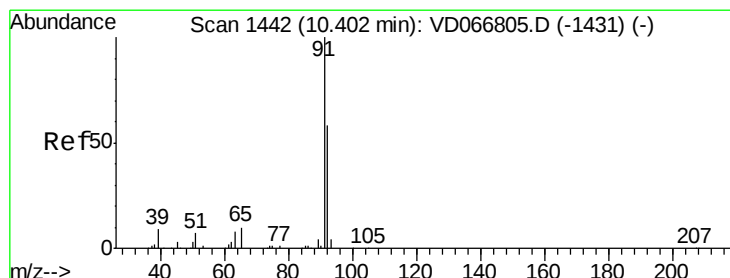
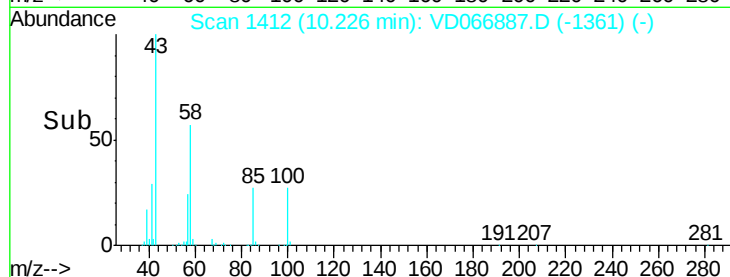
300000

200000

100000

0

Time--> 10.10 10.20 10.30



#52

Toluene

Concen: 52.328 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066887.D

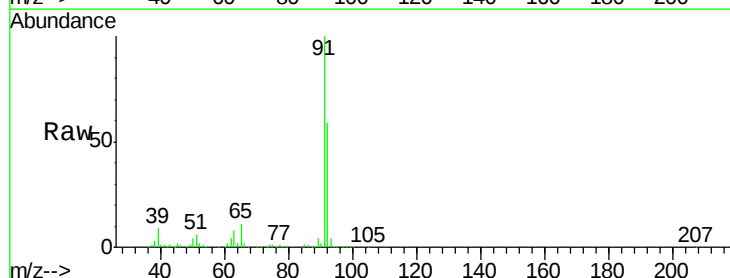
Acq: 25 Sep 2020 22:33

Tgt Ion: 92 Resp: 601950

Ion Ratio Lower Upper

92 100

91 169.8 134.6 202.0



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.40

600000

500000

400000

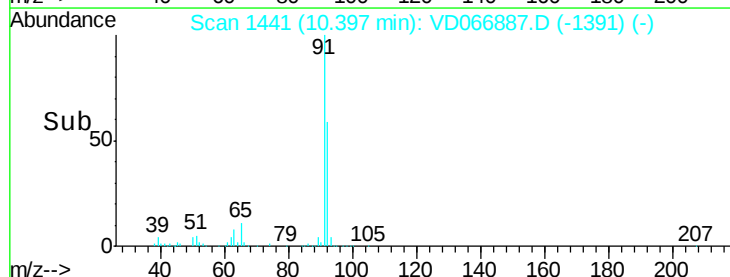
300000

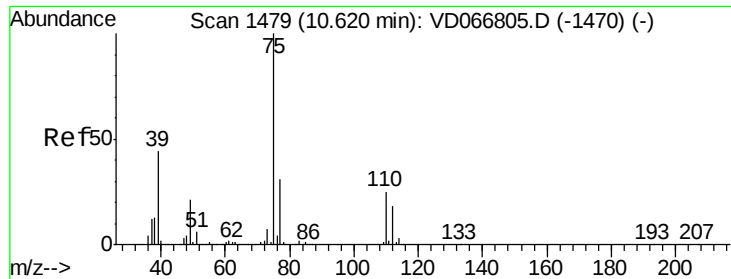
200000

100000

0

Time--> 10.30 10.40 10.50





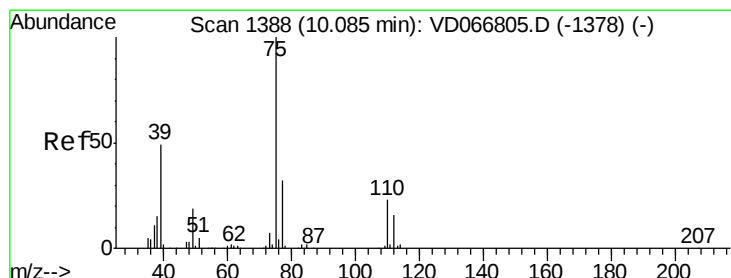
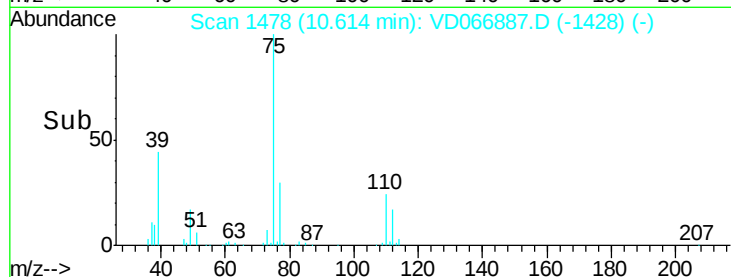
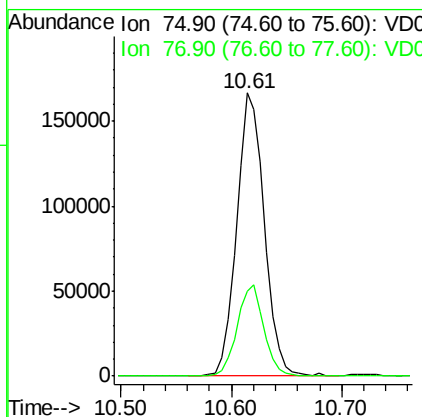
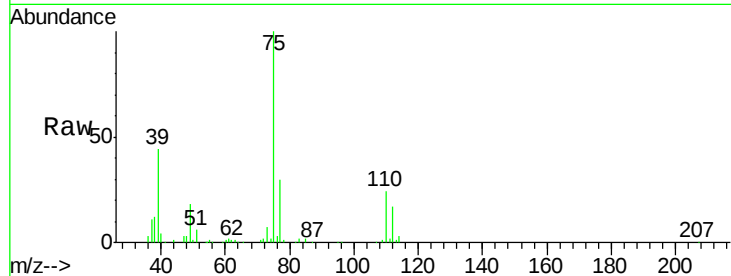
#53
 t-1,3-Dichloropropene
 Concen: 52.423 ug/l
 RT: 10.61 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: VD066887.D
 Acq: 25 Sep 2020 22:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.2	24.5	36.7

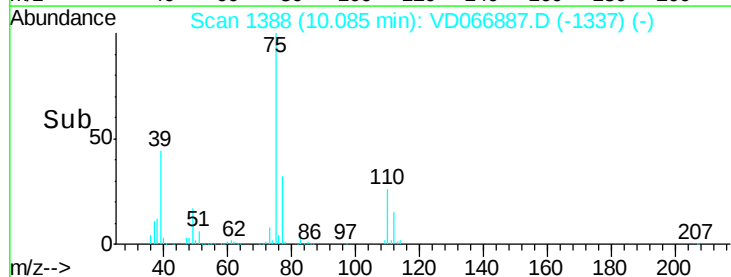
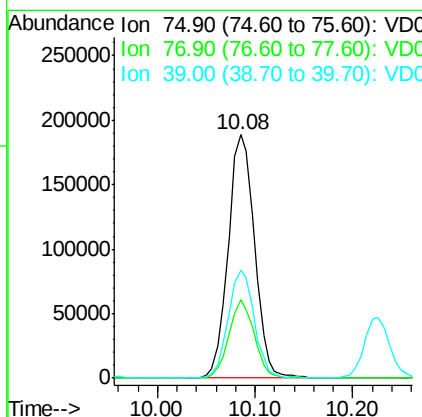
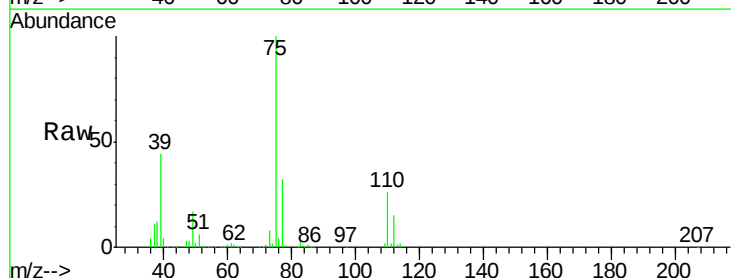
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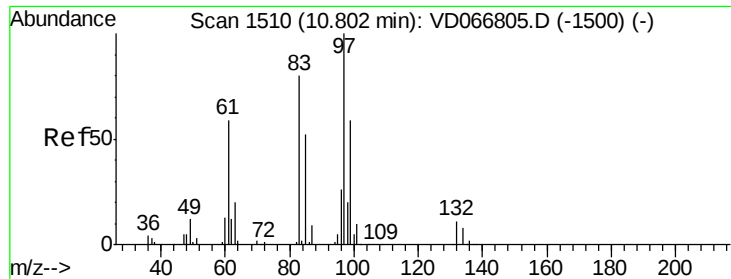
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#54
 cis-1,3-Dichloropropene
 Concen: 52.032 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VD066887.D
 Acq: 25 Sep 2020 22:33

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.6	38.4
39	44.3	39.2	58.8





#55

1,1,2-Trichloroethane

Concen: 51.932 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Instrument :

MSVOA_D

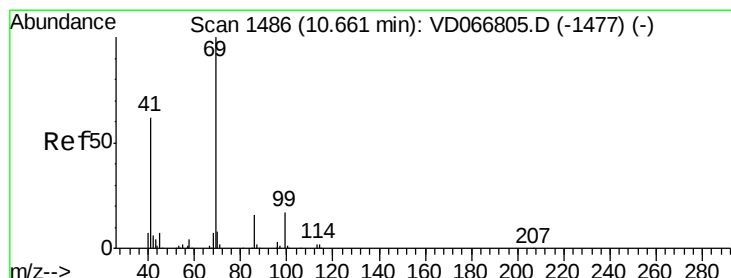
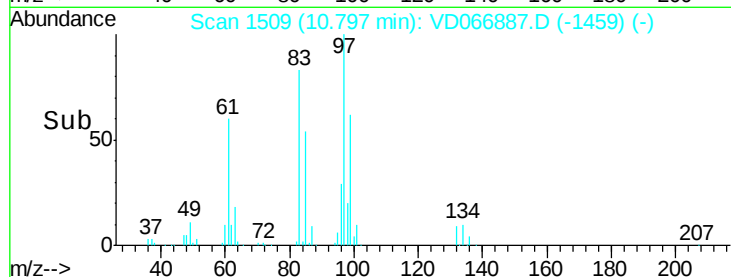
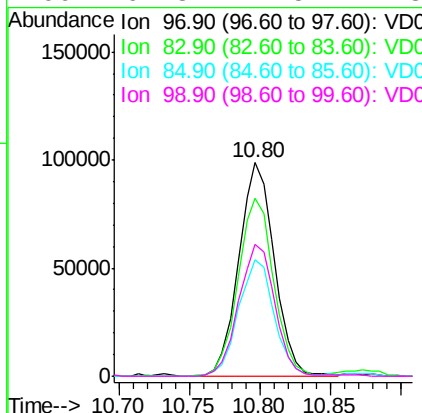
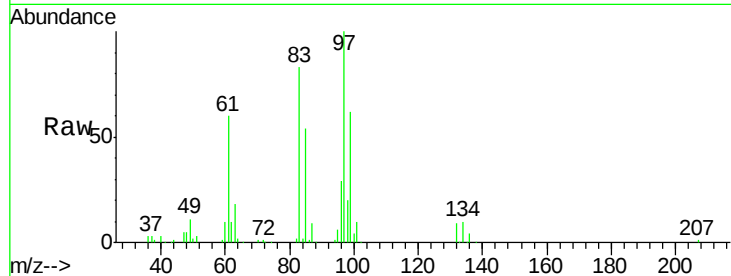
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	174290
Ion	Ratio	Lower	Upper
97	100		
83	83.3	64.2	96.2
85	54.3	41.9	62.9
99	61.8	47.5	71.3

Manual Integrations
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#56

Ethyl methacrylate

Concen: 55.524 ug/l

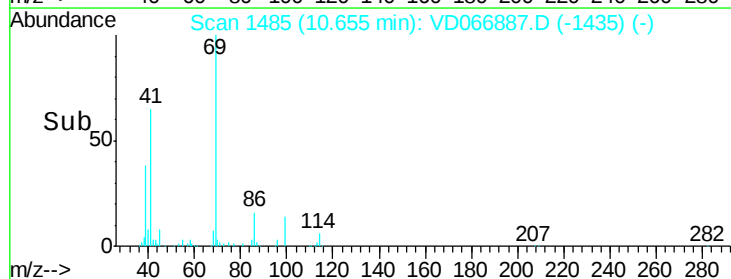
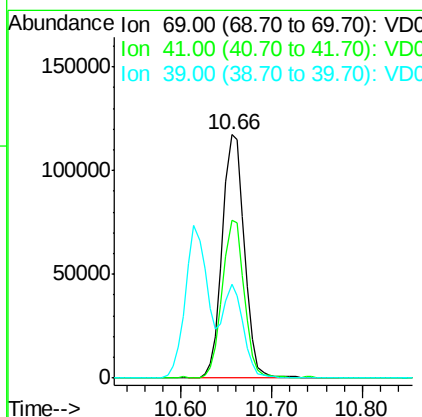
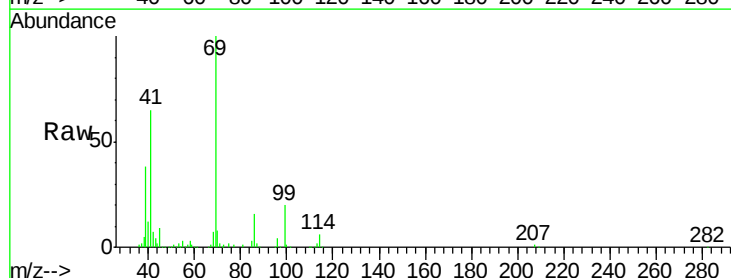
RT: 10.66 min Scan# 1485

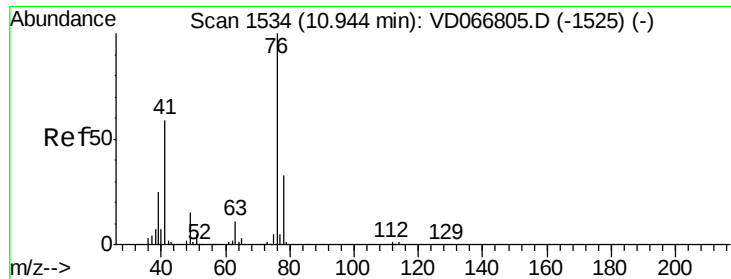
Delta R.T. -0.01 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Tgt Ion:	69	Resp:	199627
Ion	Ratio	Lower	Upper
69	100		
41	63.8	52.2	78.2
39	35.5	26.6	40.0





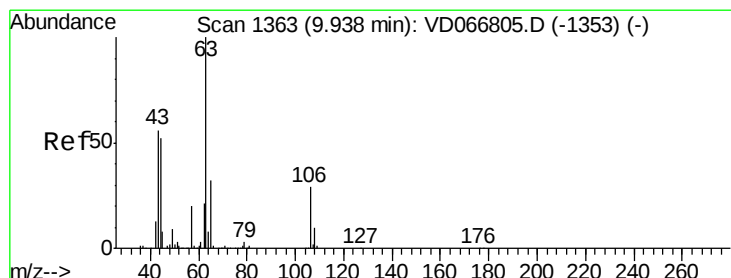
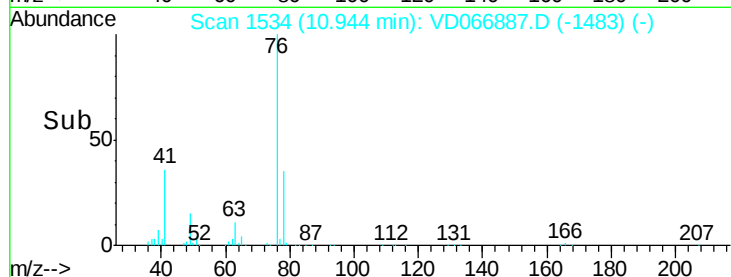
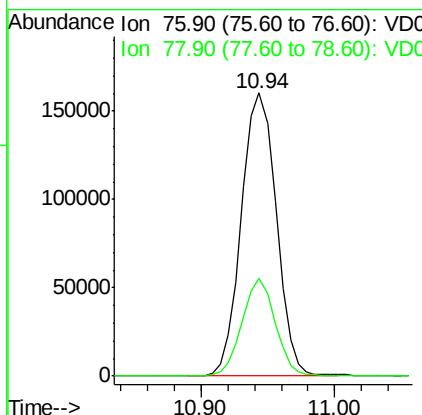
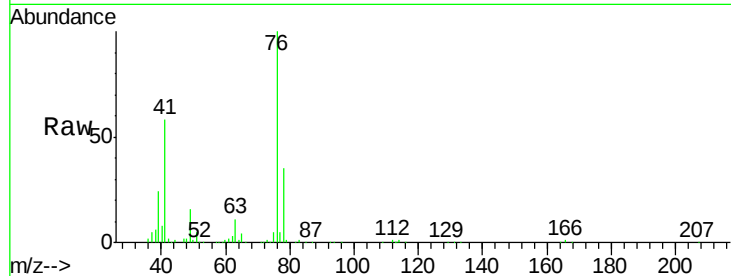
#57
 1,3-Dichloropropane
 Concen: 52.594 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VD066887.D
 Acq: 25 Sep 2020 22:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	26.3	39.5

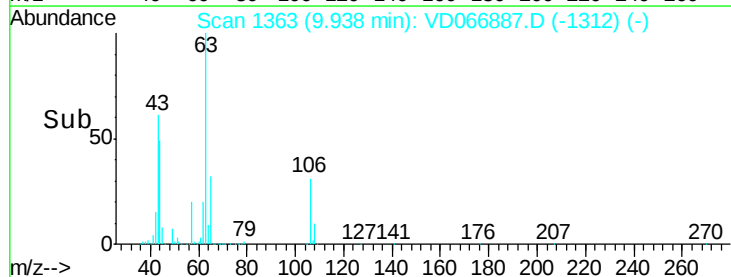
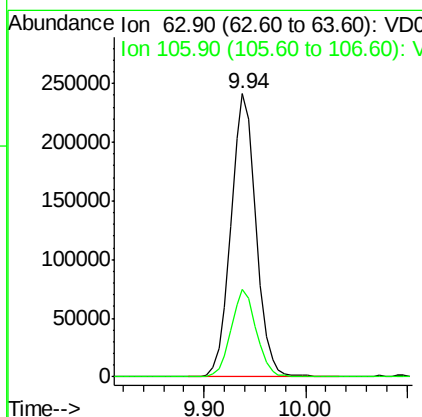
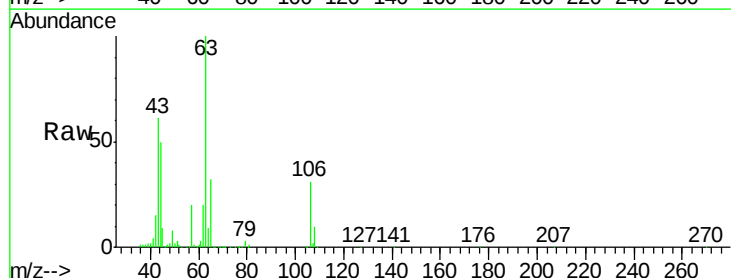
Manual Integrations
 APPROVED

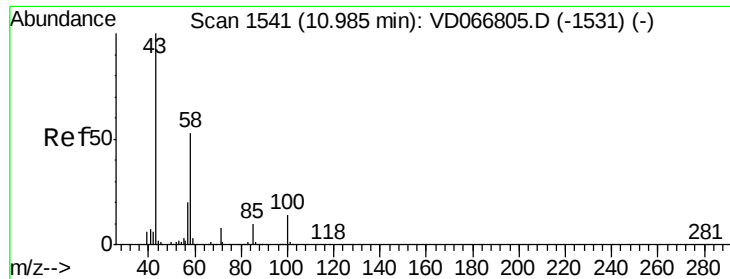
MMDadoda
 9/29/2020 11:45:27 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 242.651 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066887.D
 Acq: 25 Sep 2020 22:33

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.9	23.8	35.6





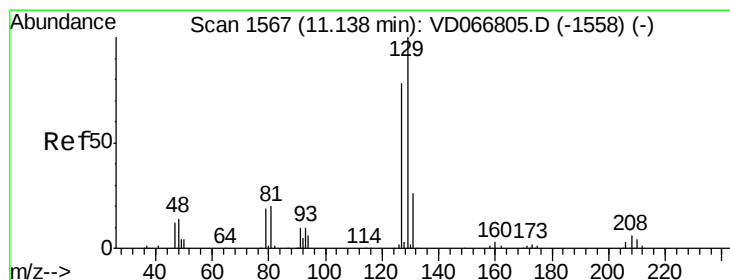
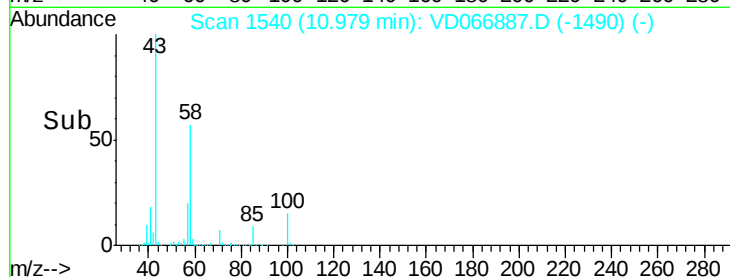
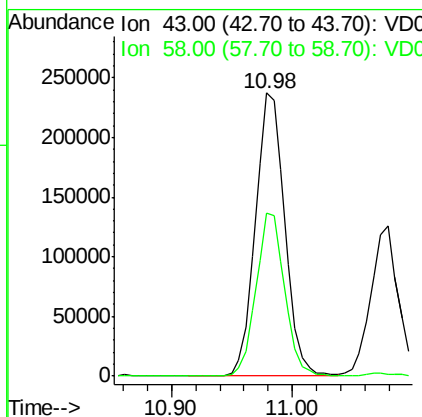
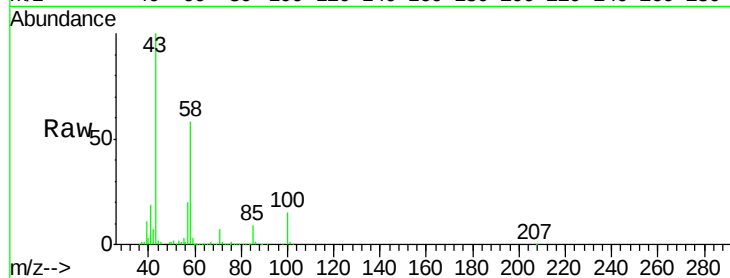
#59
2-Hexanone
Concen: 264.422 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 403541
Ion Ratio Lower Upper
43 100
58 56.3 27.0 80.8

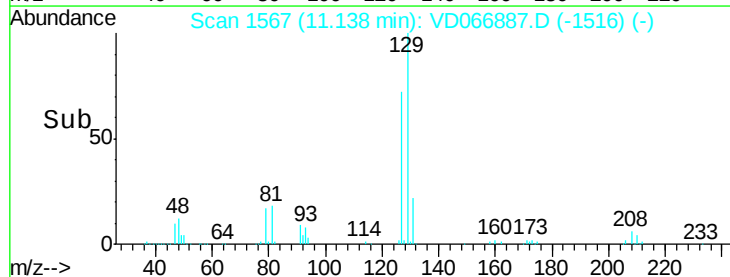
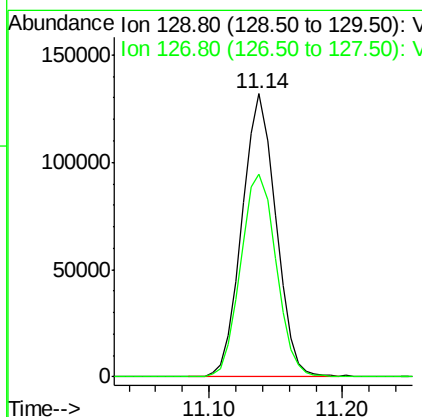
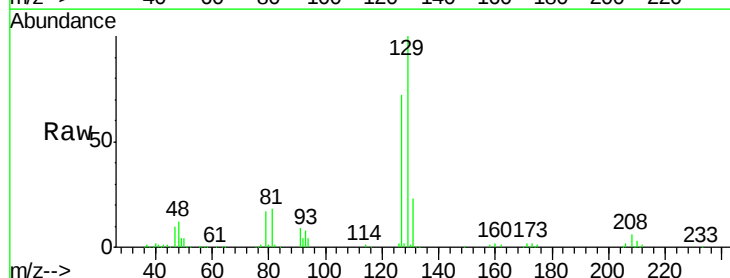
Manual Integrations
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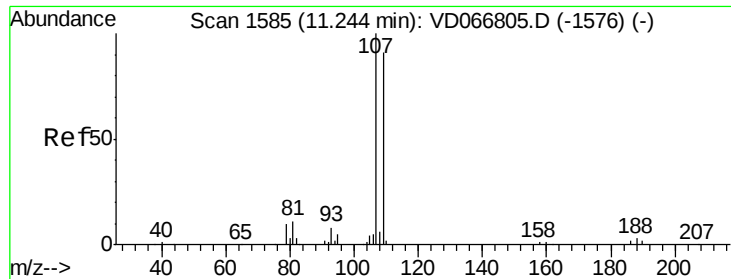
MMDadoda
9/29/2020 11:45:27 AM



#60
Dibromochloromethane
Concen: 52.983 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

Tgt Ion: 129 Resp: 232075
Ion Ratio Lower Upper
129 100
127 75.0 38.6 116.0





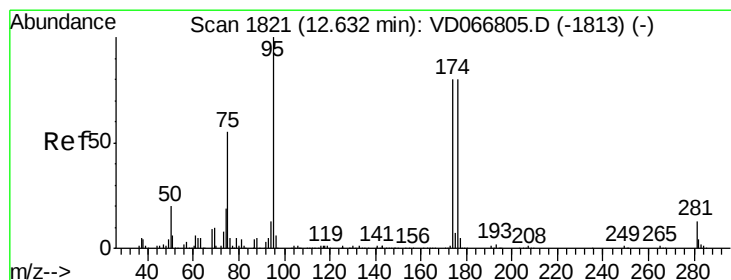
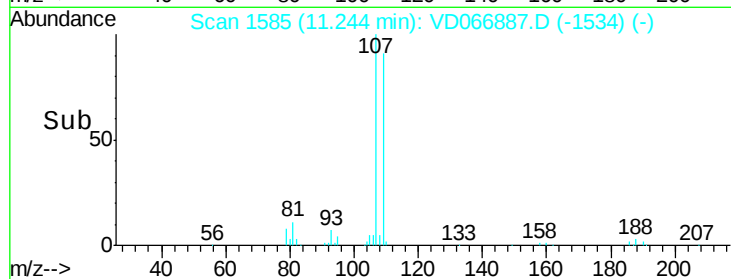
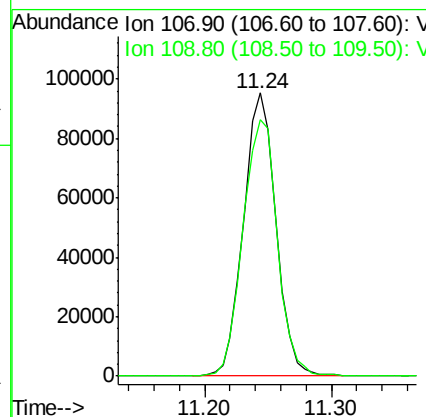
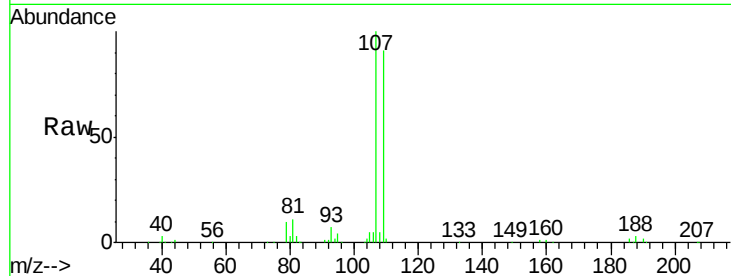
#61
 1,2-Dibromoethane
 Concen: 54.312 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066887.D
 Acq: 25 Sep 2020 22:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.4	75.0	112.4

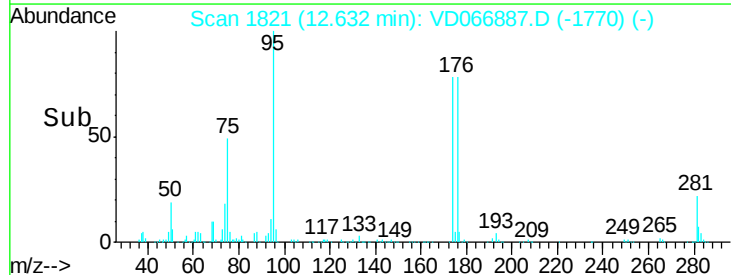
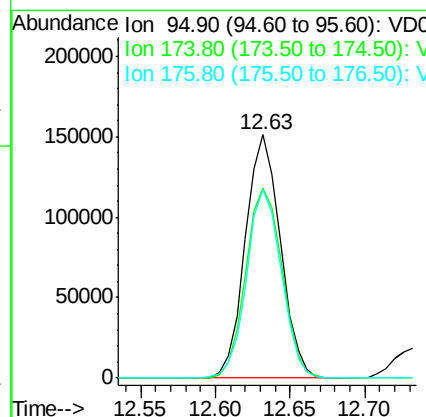
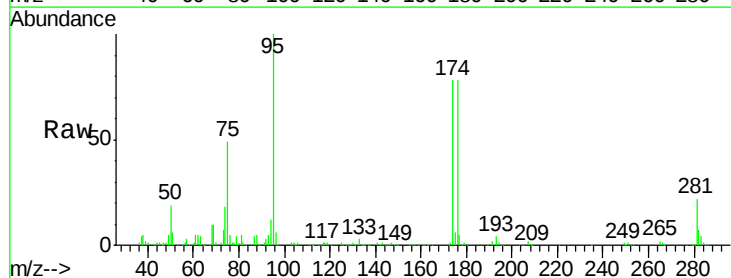
Manual Integrations
 APPROVED

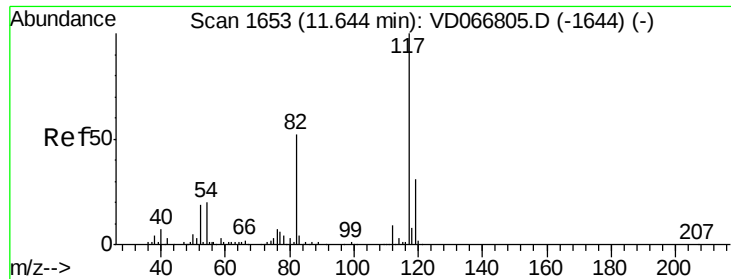
MMDadoda
 9/29/2020 11:45:27 AM



#62
 4-Bromofluorobenzene
 Concen: 51.369 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066887.D
 Acq: 25 Sep 2020 22:33

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.9	0.0	159.8
176	76.8	0.0	154.4





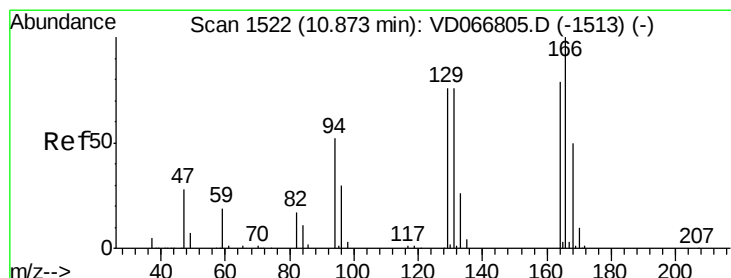
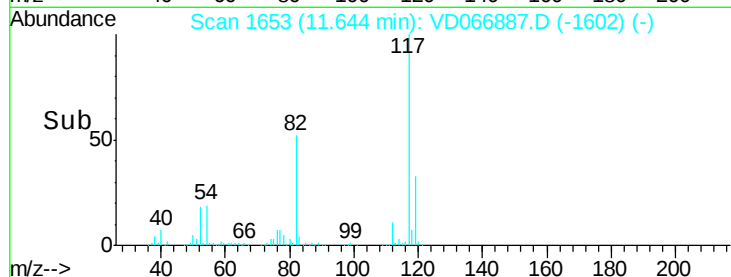
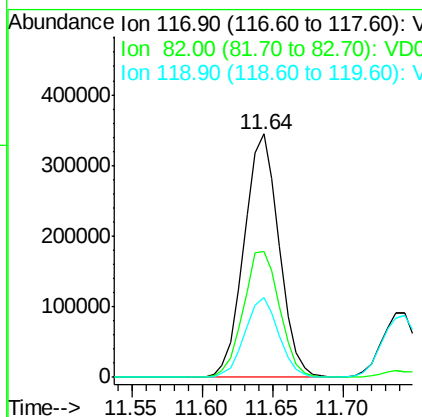
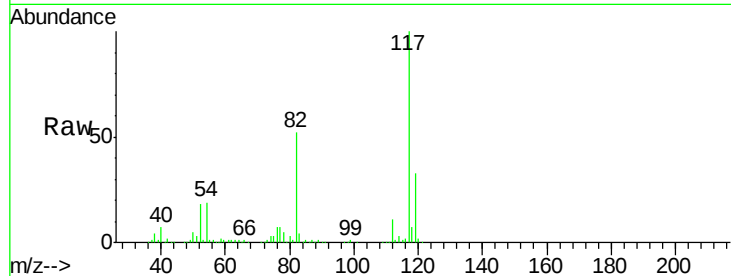
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	598898		
82	51.6		41.8	62.6
119	32.6		24.6	37.0

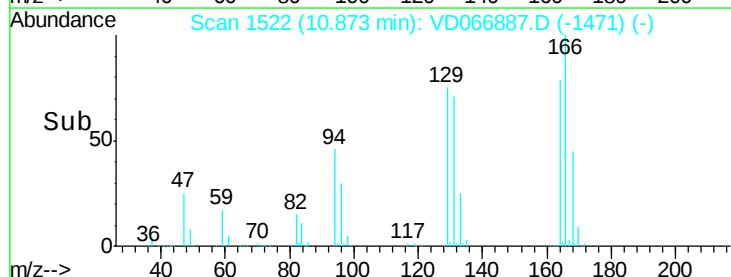
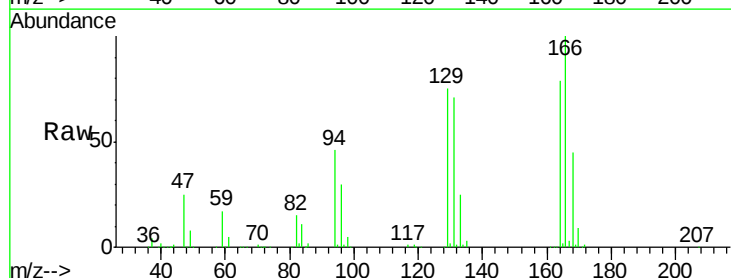
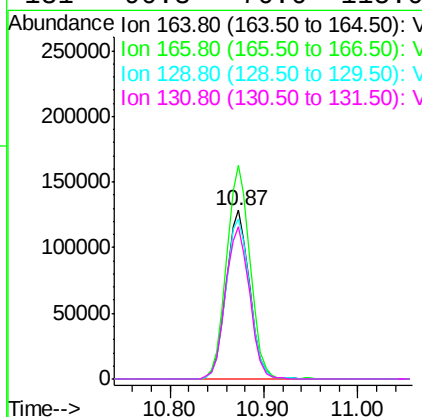
Manual Integrations
APPROVED

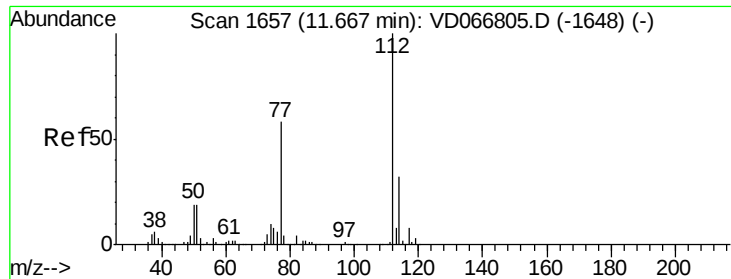
MMDadoda
9/29/2020 11:45:27 AM



#64
Tetrachloroethene
Concen: 51.559 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	222115		
166	126.7		101.1	151.7
129	94.9		77.0	115.4
131	90.3		76.6	115.0





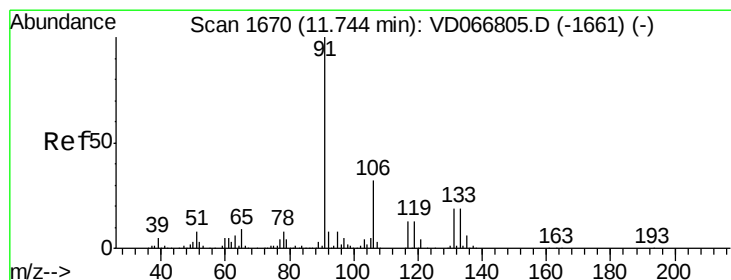
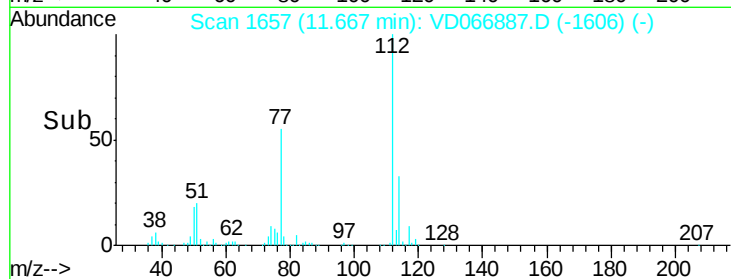
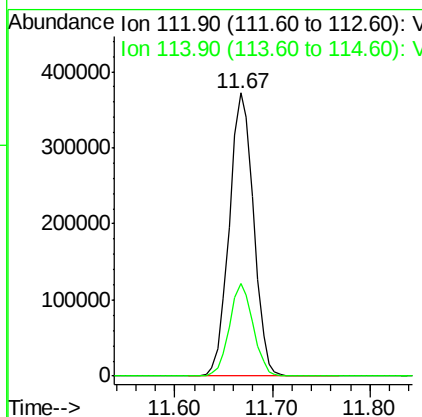
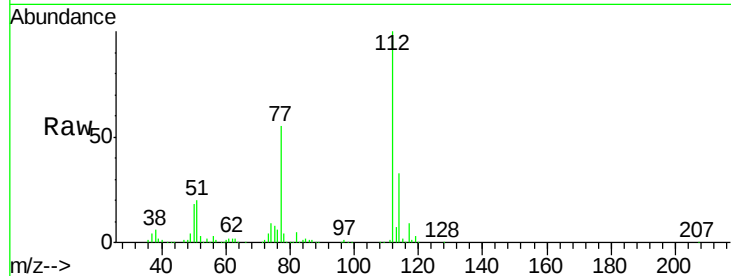
#65
Chlorobenzene
Concen: 51.574 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.4	38.2

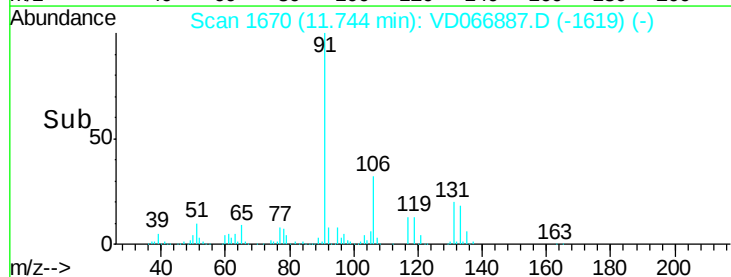
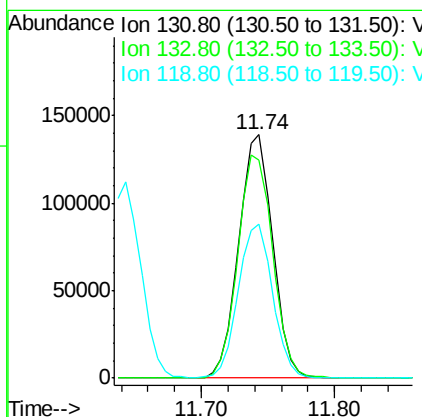
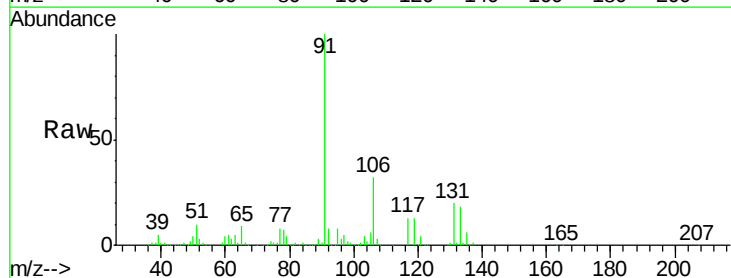
Manual Integrations
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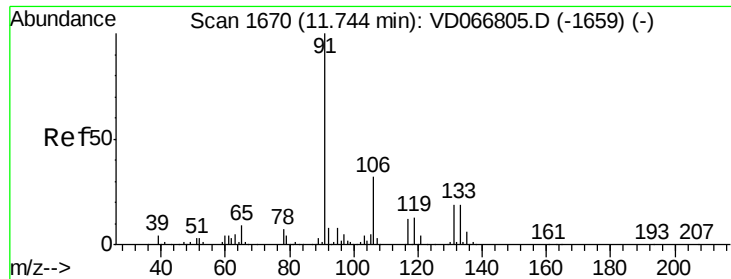
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.868 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.7	46.7	140.1
119	64.3	32.3	96.9





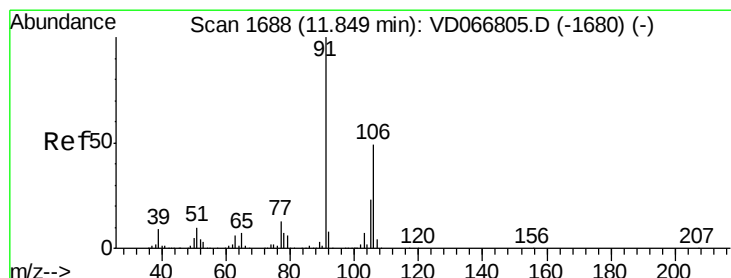
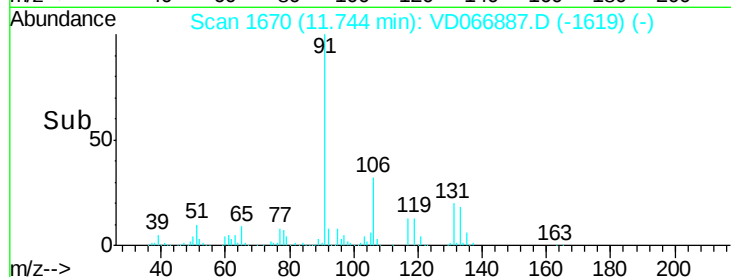
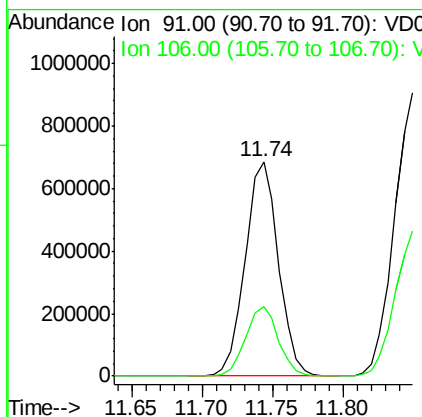
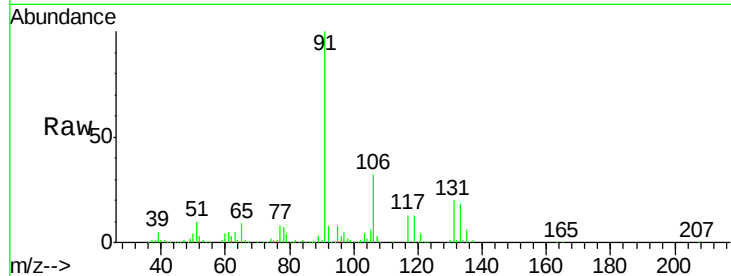
#67
Ethyl Benzene
Concen: 51.877 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1135847
Ion Ratio Lower Upper
91 100
106 32.4 25.6 38.4

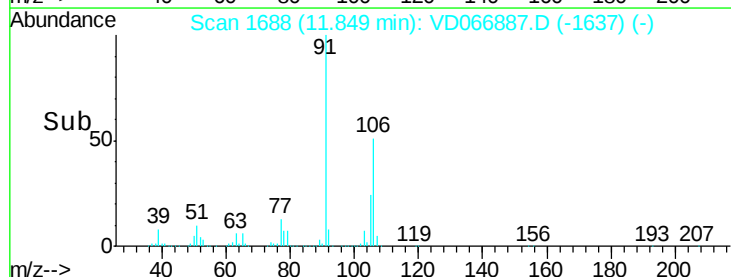
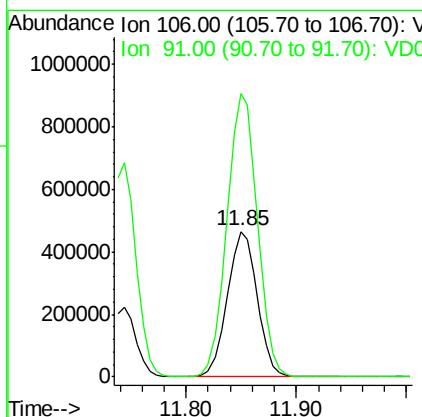
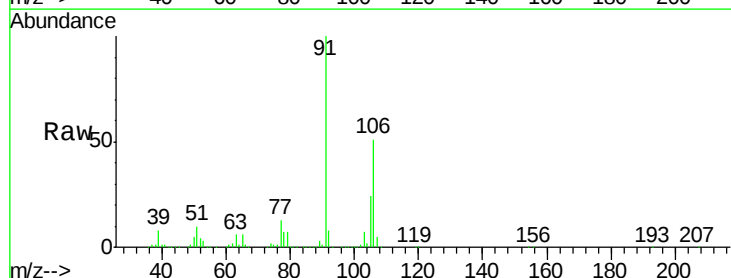
Manual Integrations
APPROVED

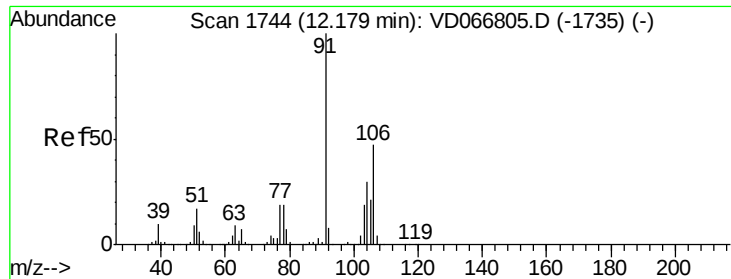
MMDadoda
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#68
m/p-Xylenes
Concen: 106.117 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

Tgt Ion: 106 Resp: 879683
Ion Ratio Lower Upper
106 100
91 198.7 160.7 241.1





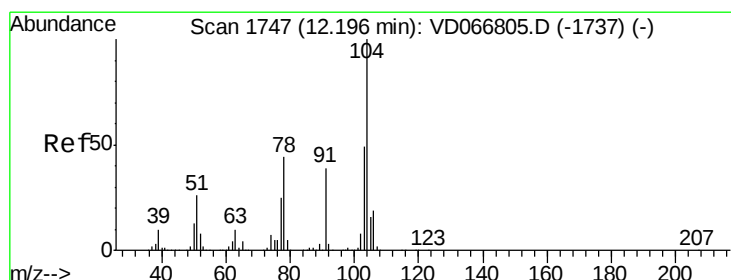
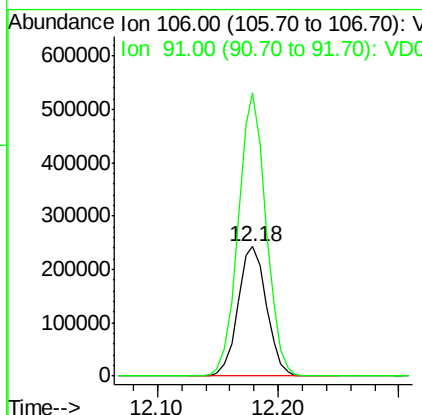
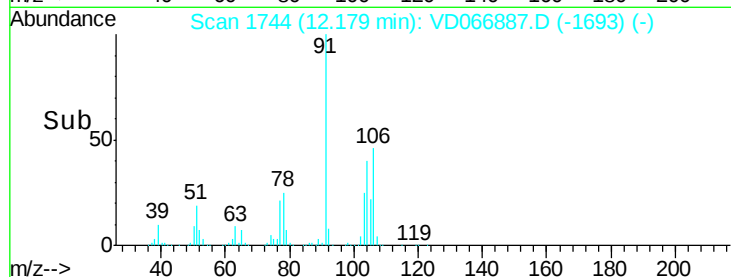
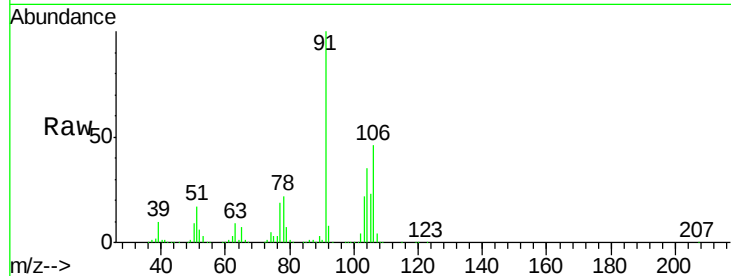
#69
o-Xylene
Concen: 53.582 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		401638		
91	211.7	106.3	318.8		

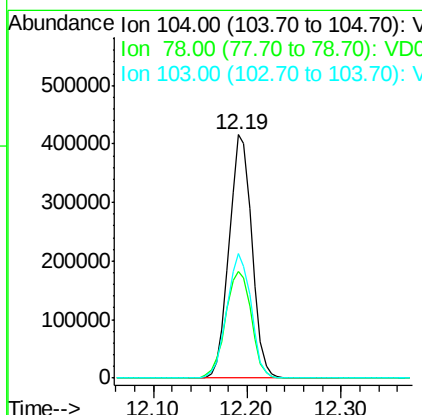
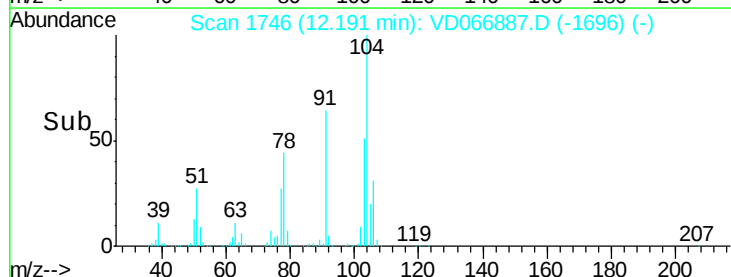
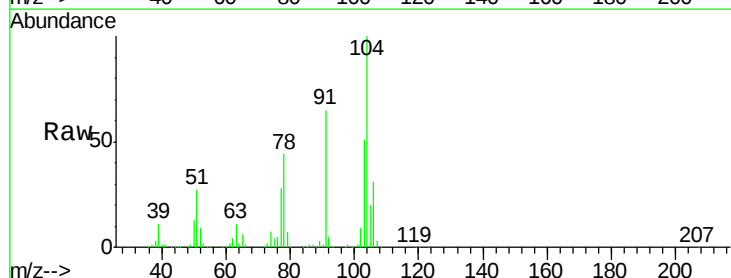
Manual Integrations
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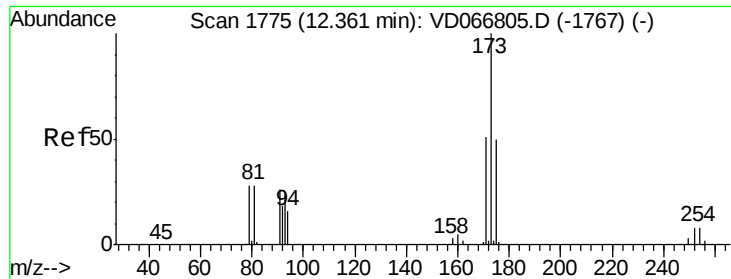
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#70
Styrene
Concen: 53.786 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		700155		
78	49.6	38.9	58.3		
103	54.4	43.2	64.8		





#71

Bromoform

Concen: 53.160 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Instrument :

MSVOA_D

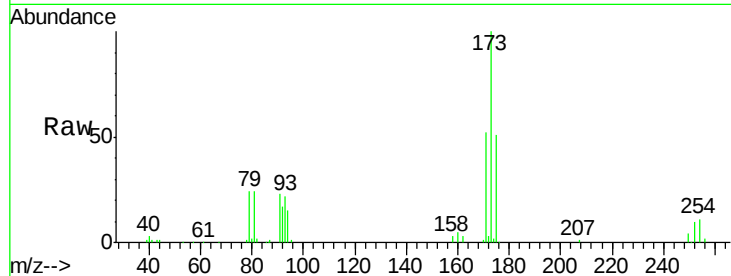
ClientSampleId :

VSTDCCC050

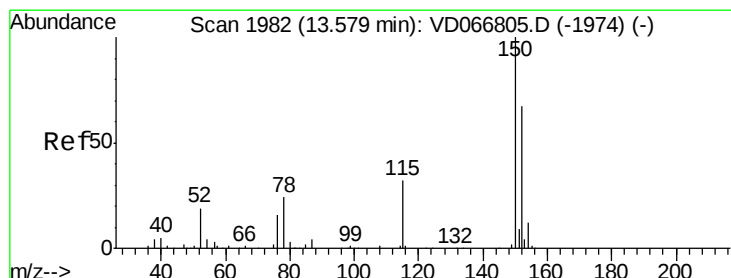
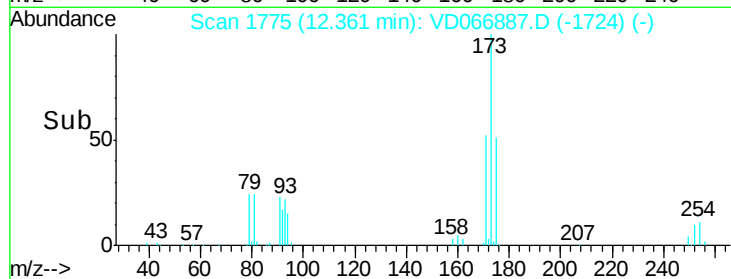
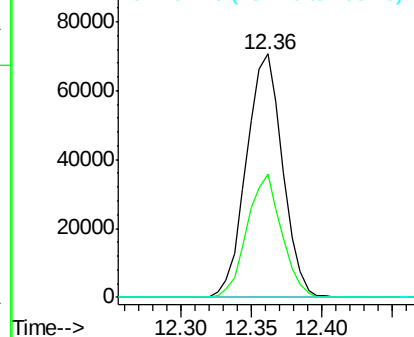
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.9	74.6
254	0.1	0.1	0.1

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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

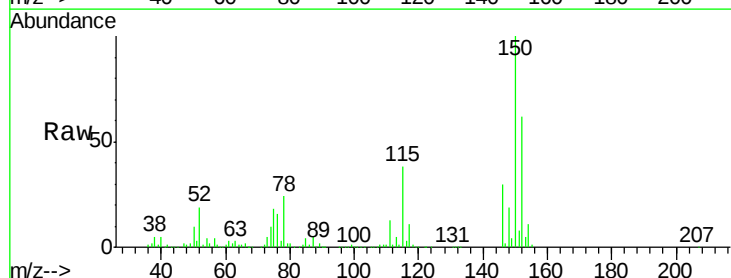
RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

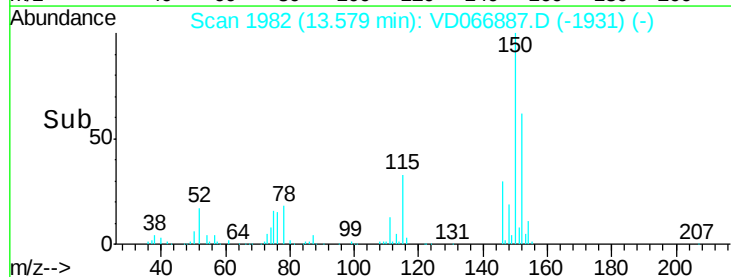
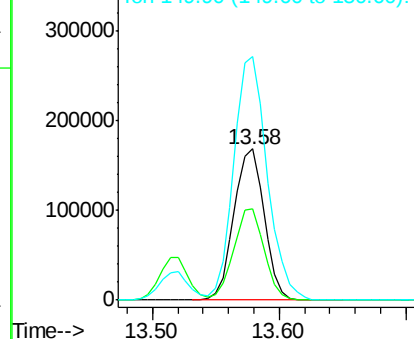
Lab File: VD066887.D

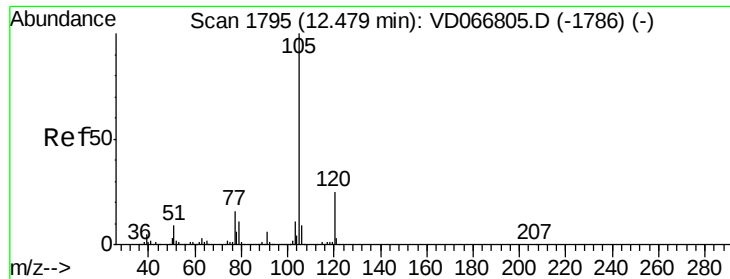
Acq: 25 Sep 2020 22:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.6	30.3	91.0
150	177.3	0.0	346.2



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





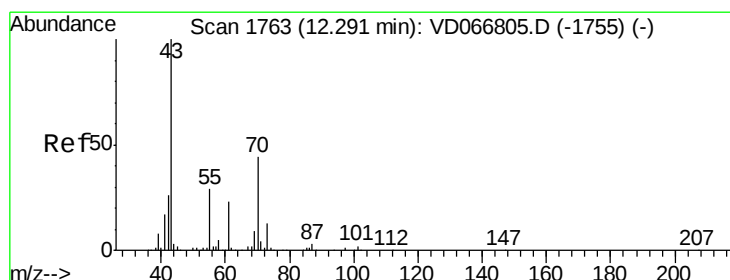
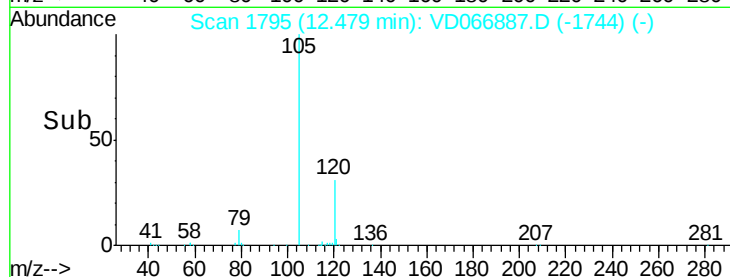
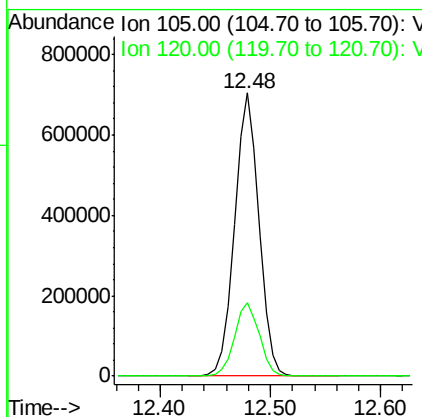
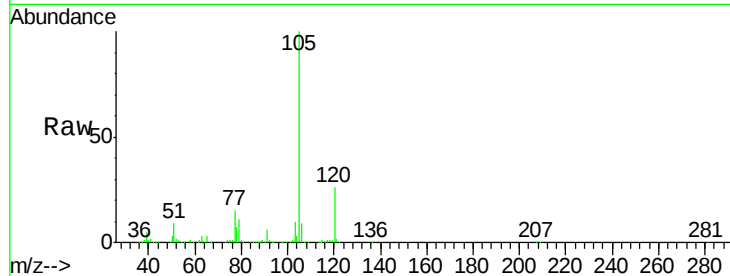
#73
Isopropylbenzene
Concen: 54.136 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:105 Resp: 1088774
Ion Ratio Lower Upper
105 100
120 26.4 12.9 38.6

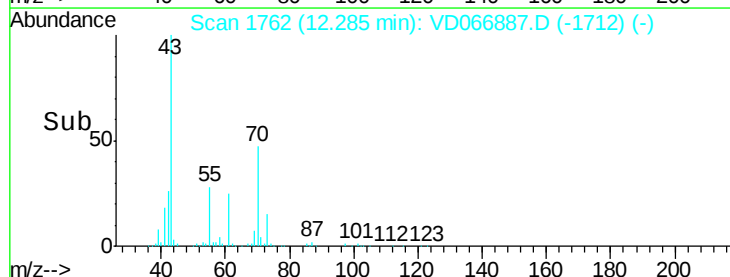
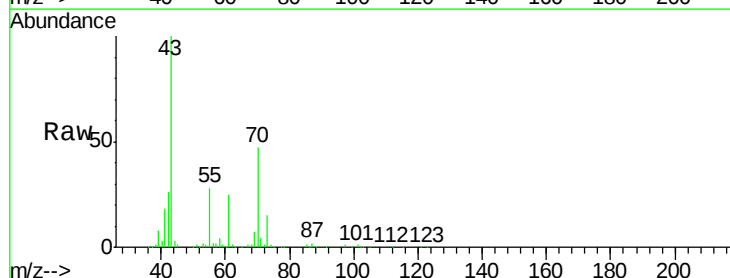
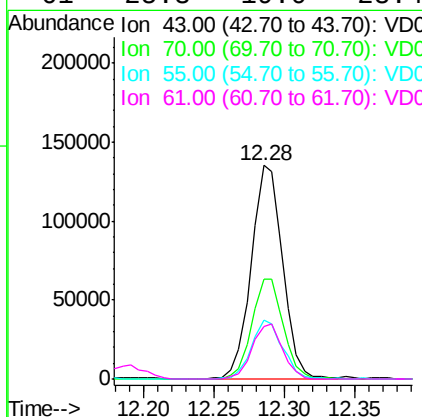
Manual Integrations
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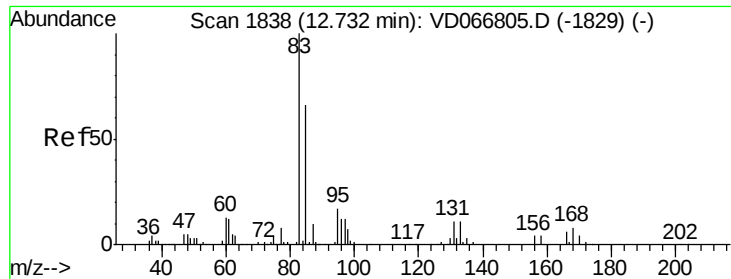
MMDadoda
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#74
N-ethyl acetate
Concen: 53.895 ug/l
RT: 12.28 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

Tgt Ion: 43 Resp: 211675
Ion Ratio Lower Upper
43 100
70 47.0 36.1 54.1
55 27.6 21.8 32.8
61 25.3 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 52.854 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Instrument :

MSVOA_D

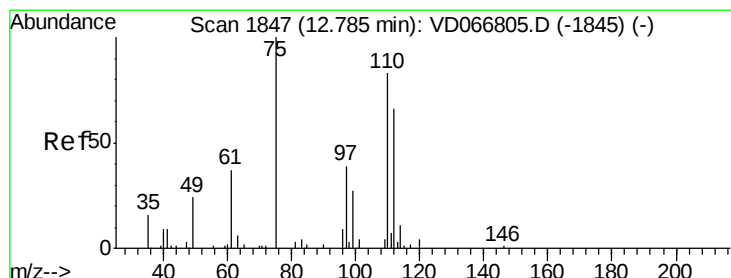
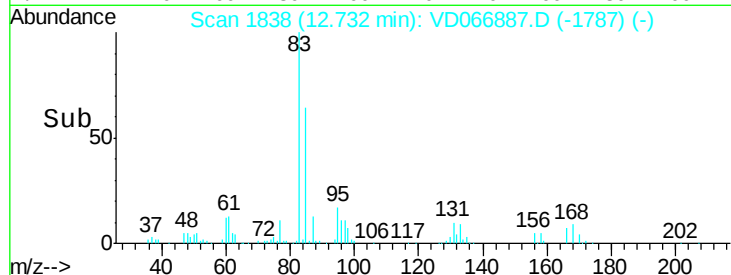
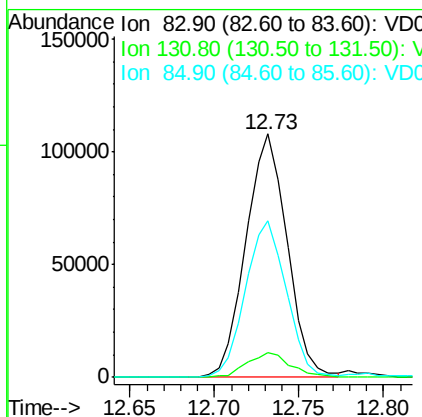
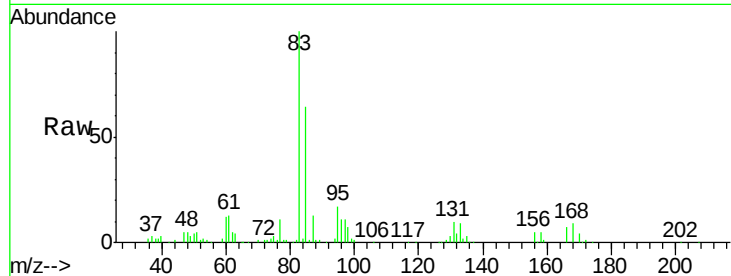
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	183422
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.5	16.7
85	63.8	32.1	96.5

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#76

1,2,3-Trichloropropane

Concen: 59.258 ug/l m

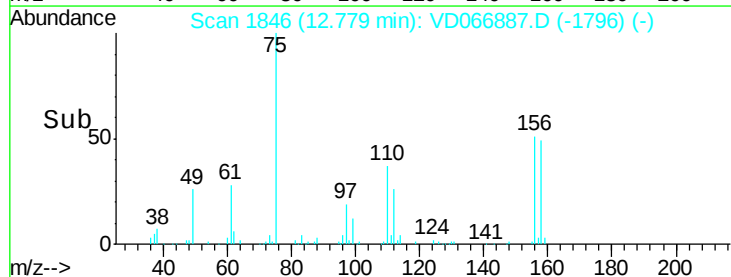
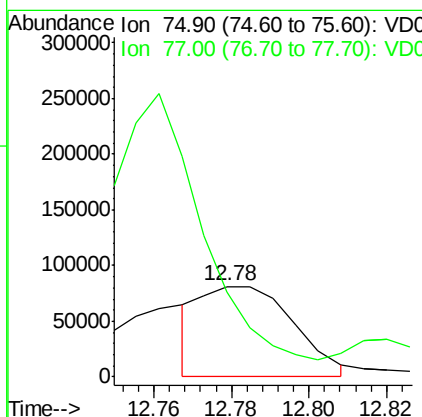
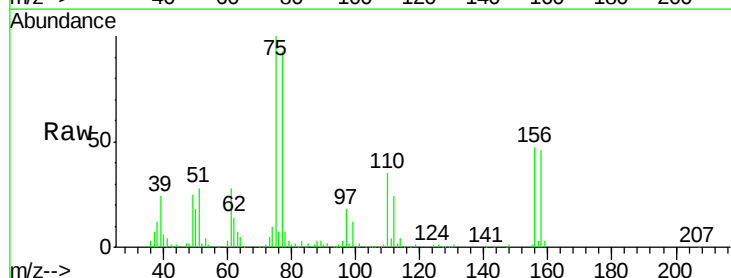
RT: 12.78 min Scan# 1846

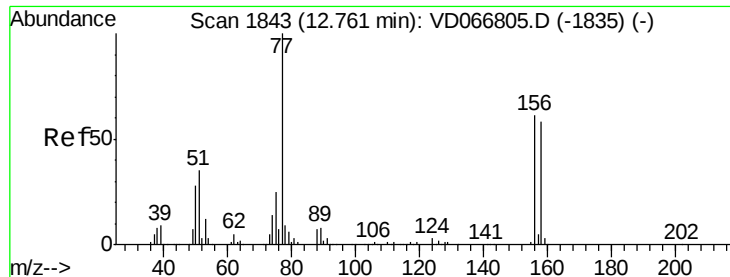
Delta R.T. -0.01 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Tgt Ion:	75	Resp:	136718
Ion Ratio	Lower	Upper	
75	100		
77	336.1	0.0	0.0#





#77

Bromobenzene

Concen: 54.279 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Instrument :

MSVOA_D

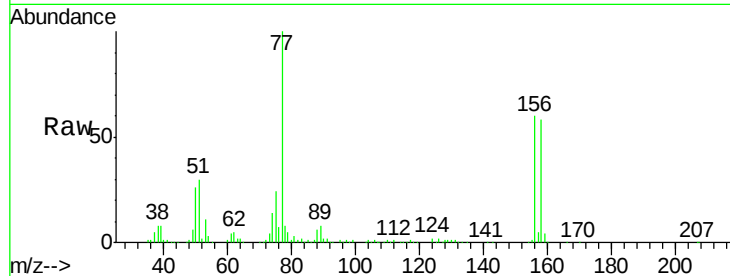
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	255311
Ion Ratio	Lower	Upper	
156	100		
77	180.0	92.3	276.9
158	98.6	47.6	142.9

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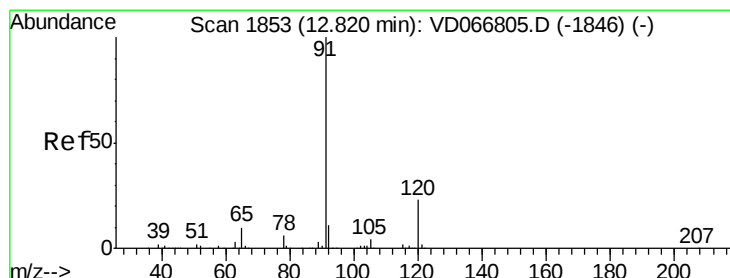
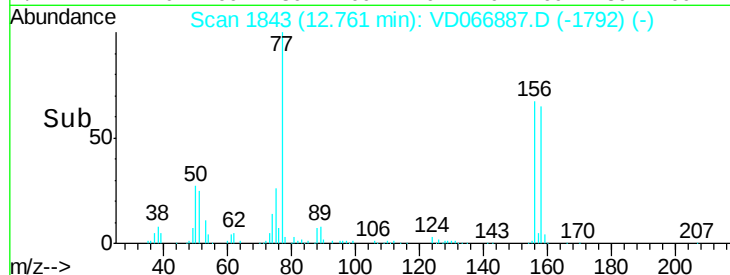
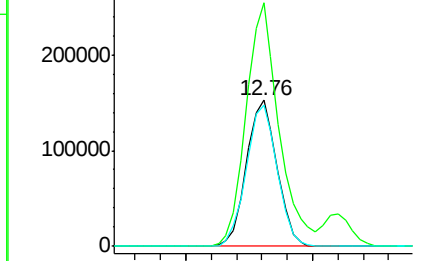
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.015 ug/l

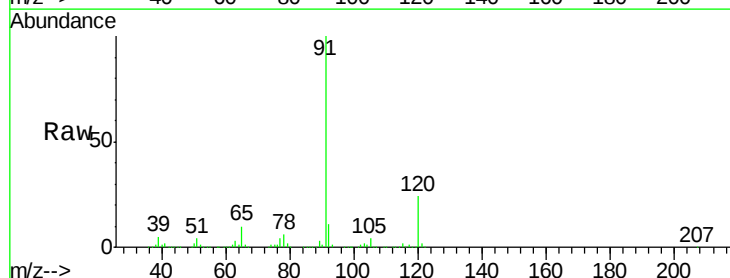
RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066887.D

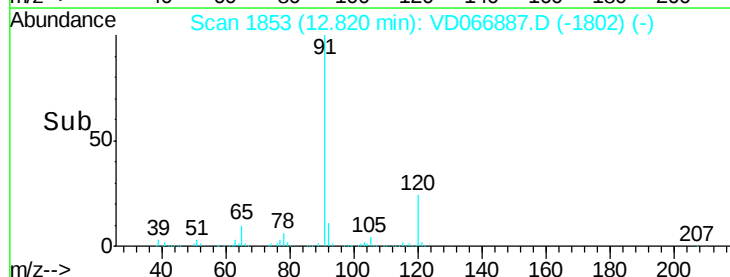
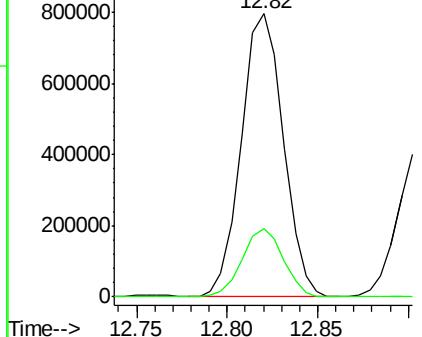
Acq: 25 Sep 2020 22:33

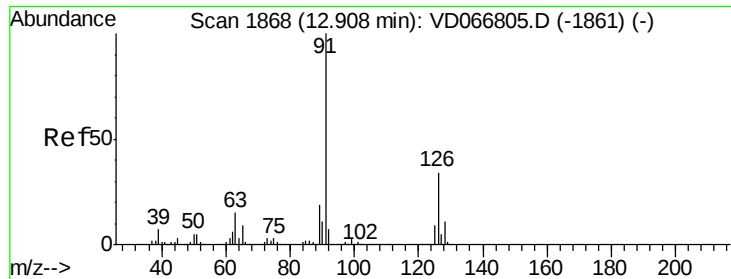
Tgt Ion:	91	Resp:	1282712
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.4	34.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.434 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 736730

Ion Ratio Lower Upper

91 100

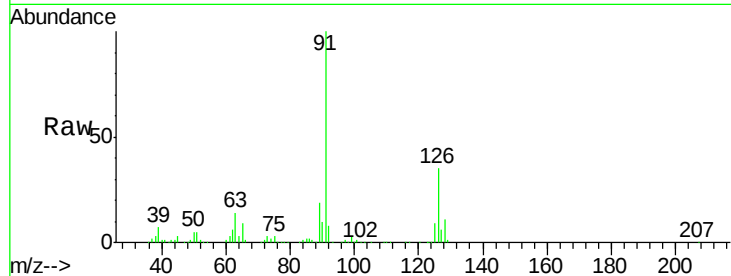
126 34.8 17.0 51.0

Manual Integrations

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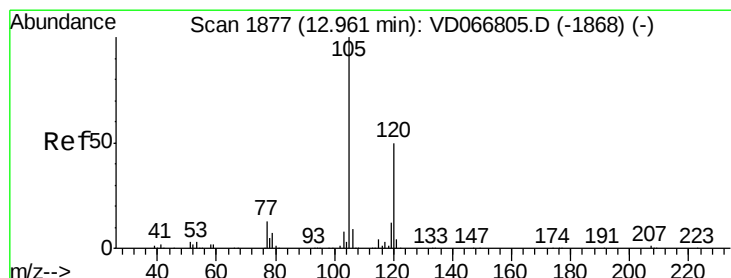
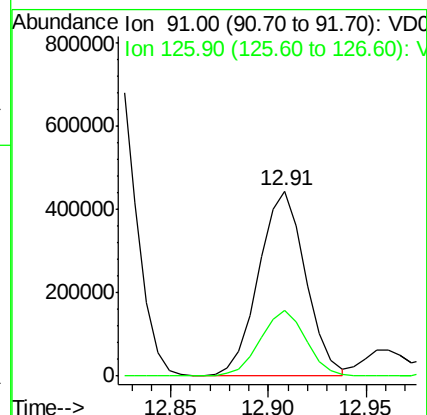
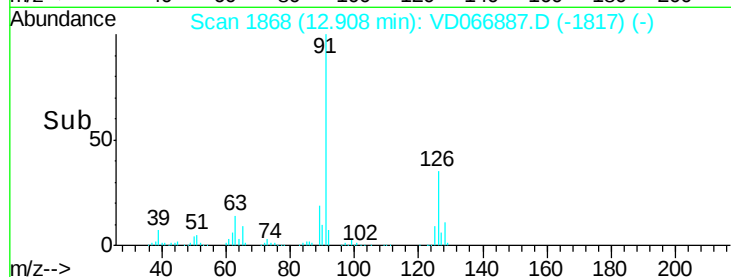
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Abundance Ion 91.00 (90.70 to 91.70): VD066887.D (-1817) (-)

Ion 125.90 (125.60 to 126.60): VD066887.D (-1817) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.681 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066887.D

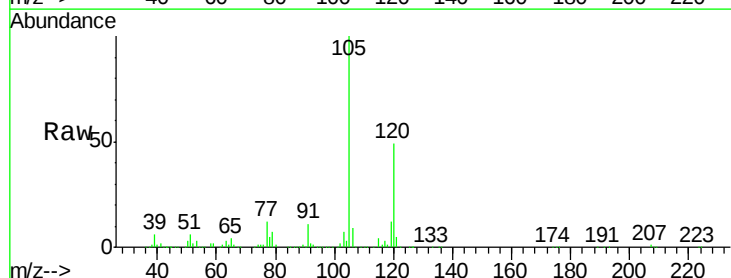
Acq: 25 Sep 2020 22:33

Tgt Ion:105 Resp: 933134

Ion Ratio Lower Upper

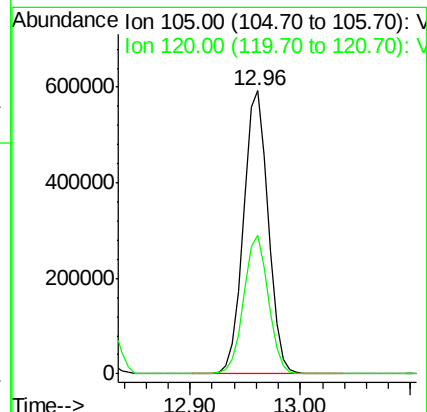
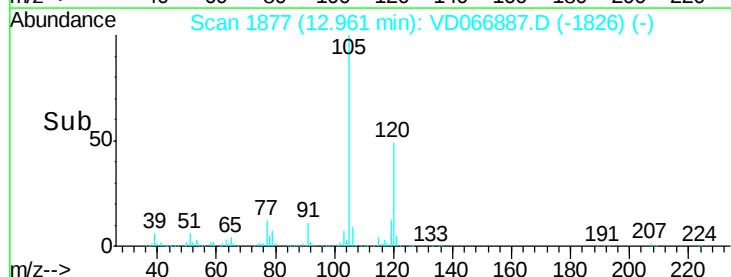
105 100

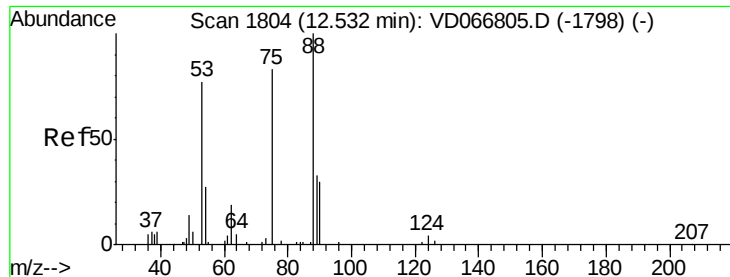
120 49.0 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VD066887.D (-1826) (-)

Ion 120.00 (119.70 to 120.70): VD066887.D (-1826) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 57.101 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Instrument :

MSVOA_D

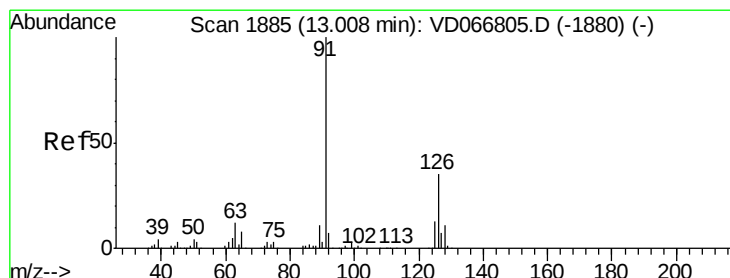
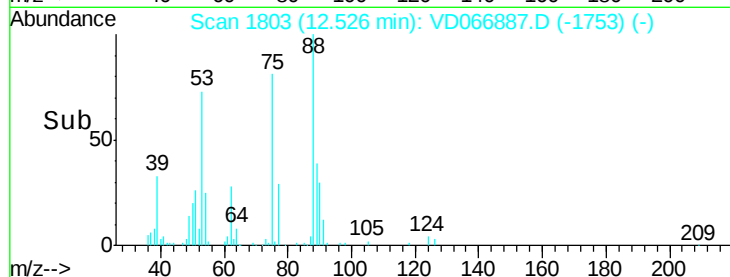
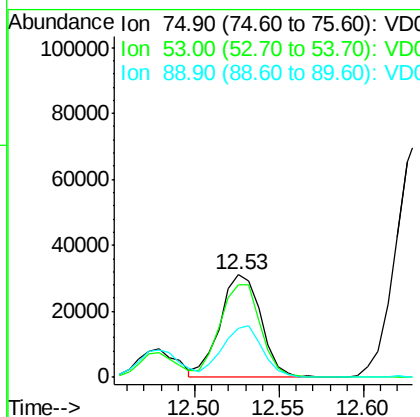
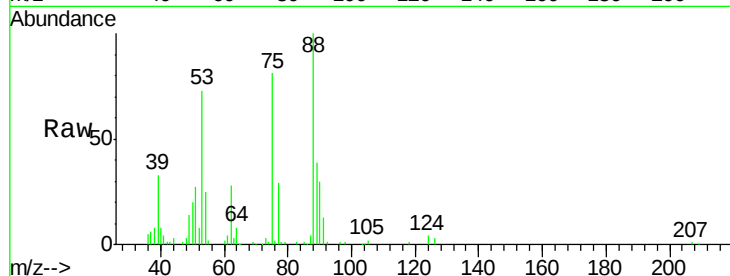
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	52657
Ion	Ratio	Lower	Upper
75	100		
53	89.6	78.5	117.7
89	49.0	38.1	57.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 53.226 ug/l

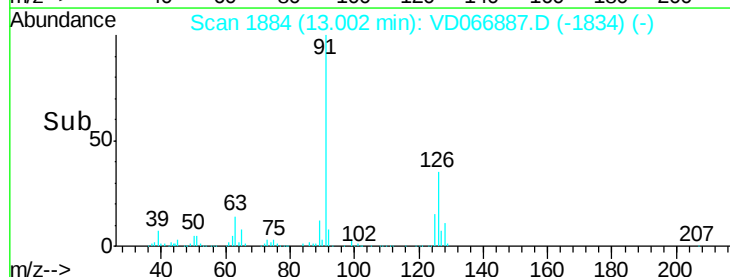
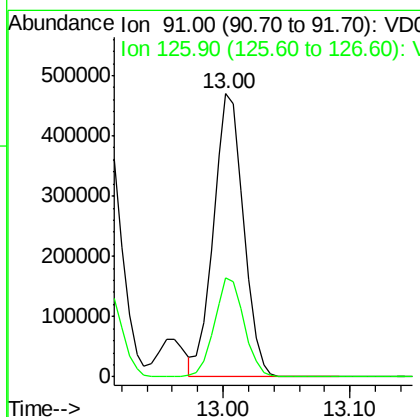
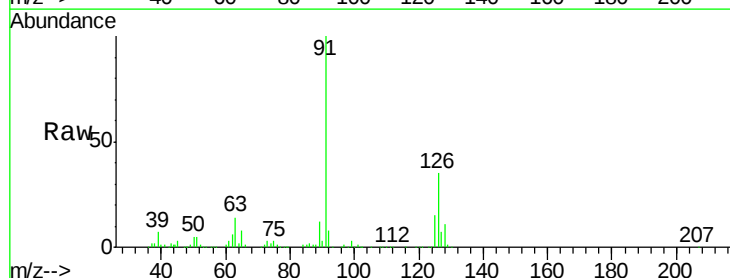
RT: 13.00 min Scan# 1884

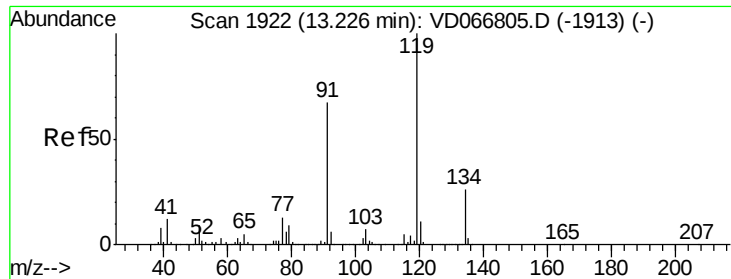
Delta R.T. -0.01 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Tgt Ion:	91	Resp:	773605
Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.1	51.2





#83

tert-Butylbenzene

Concen: 55.802 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Instrument :

MSVOA_D

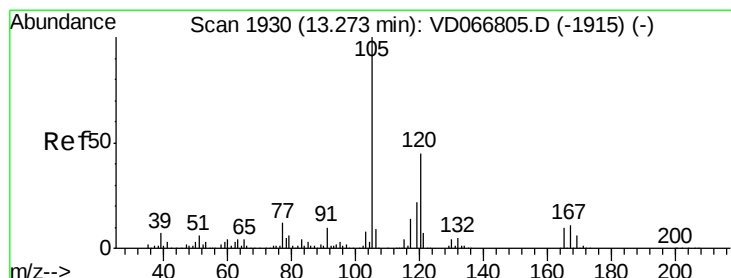
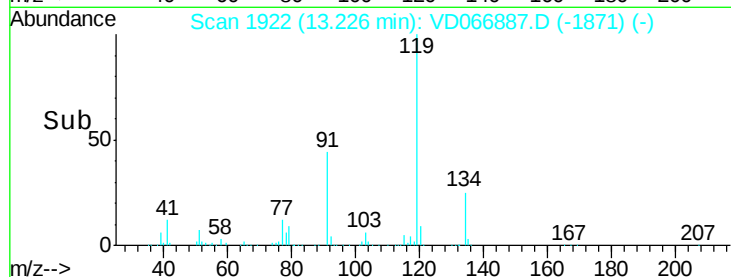
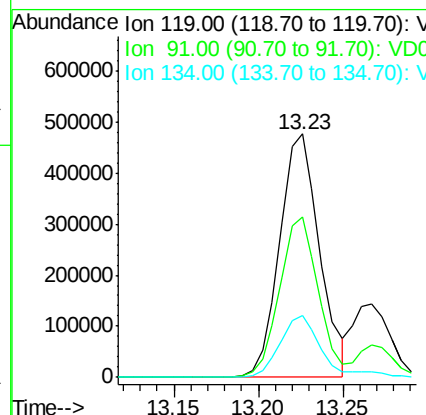
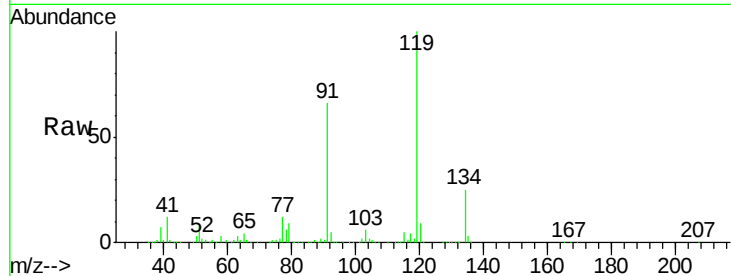
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	782494
Ion Ratio	Lower	Upper	
119	100		
91	63.9	33.6	100.8
134	26.5	13.5	40.4

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#84

1,2,4-Trimethylbenzene

Concen: 54.945 ug/l

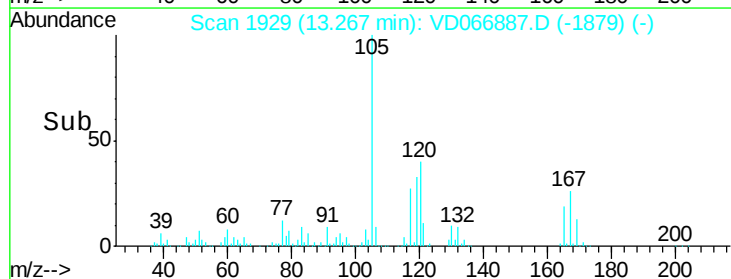
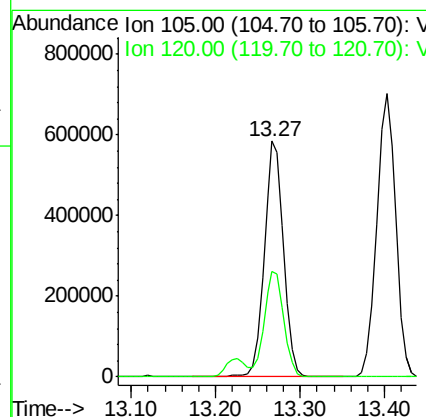
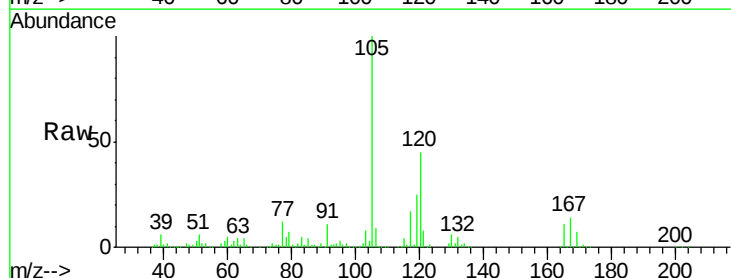
RT: 13.27 min Scan# 1929

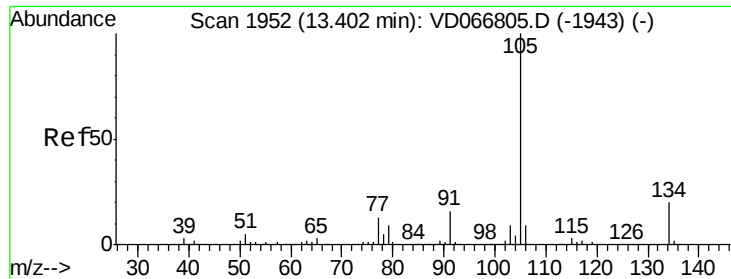
Delta R.T. -0.01 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Tgt Ion:	105	Resp:	929781
Ion Ratio	Lower	Upper	
105	100		
120	44.9	22.3	66.9





#85

sec-Butylbenzene

Concen: 53.670 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1082254

Ion Ratio Lower Upper

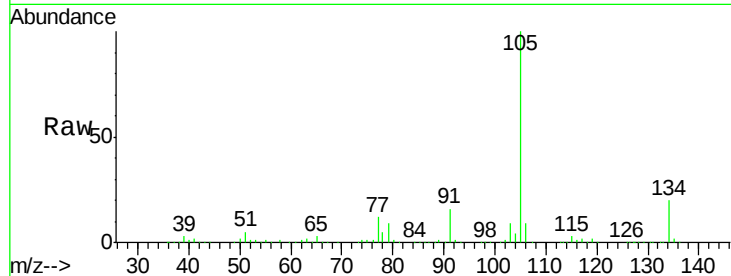
105 100

134 19.7 10.2 30.6

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

800000

600000

400000

200000

0

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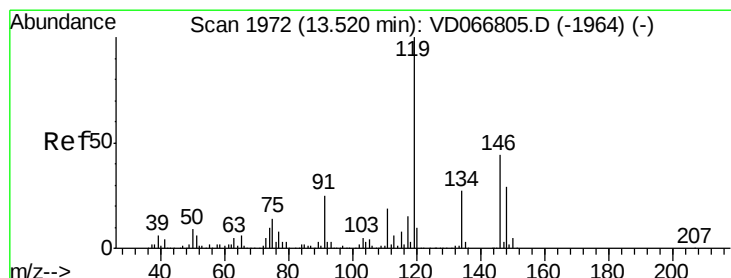
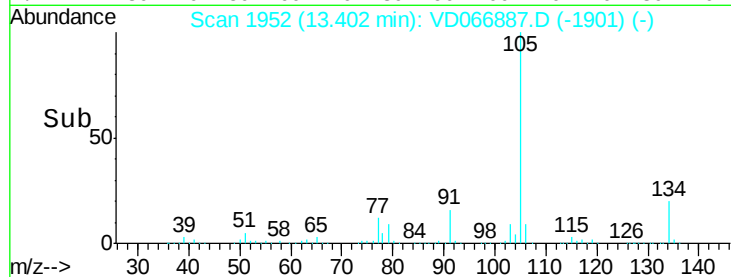
13.40

13.40

13.40

13.40

13.40



#86

p-Isopropyltoluene

Concen: 54.598 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

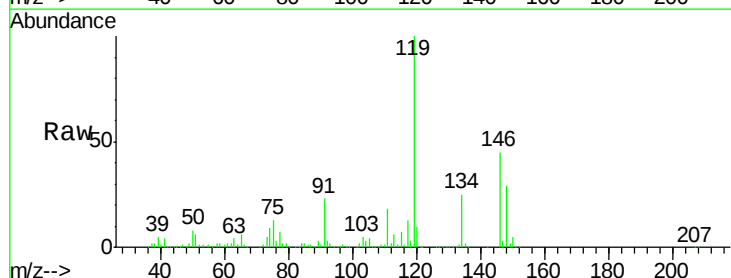
Tgt Ion:119 Resp: 992399

Ion Ratio Lower Upper

119 100

134 25.6 13.0 38.9

91 23.7 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

800000

600000

400000

200000

0

13.52

13.52

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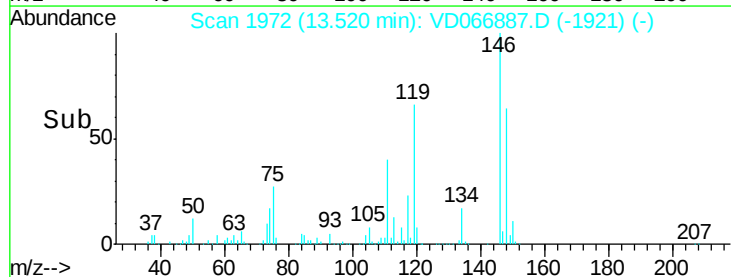
13.52

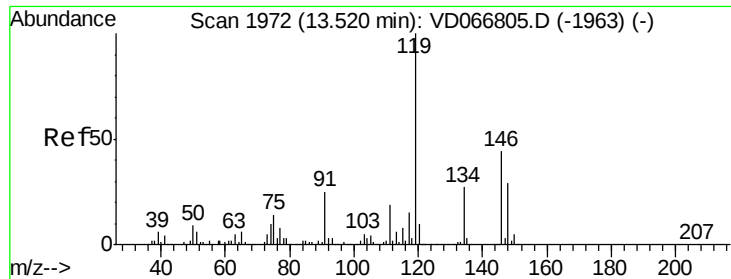
13.52

13.52

13.52

13.52





#87

1,3-Dichlorobenzene

Concen: 52.618 ug/l

RT: 13.51 min Scan# 1971

Delta R.T. -0.01 min

Lab File: VD066887.D

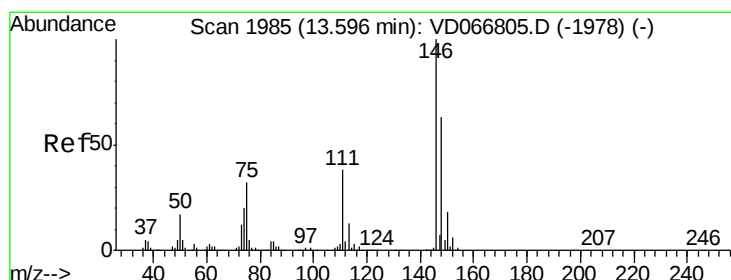
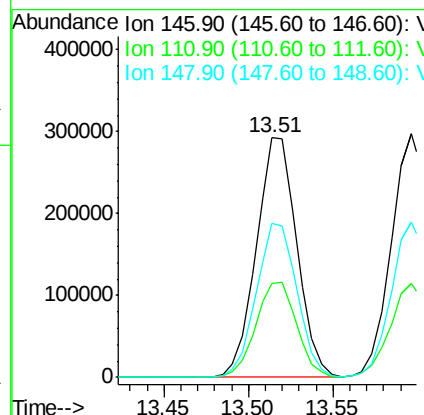
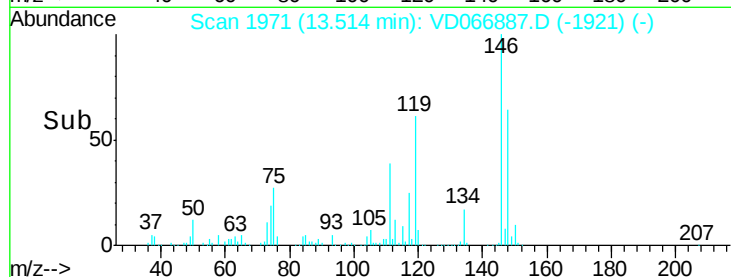
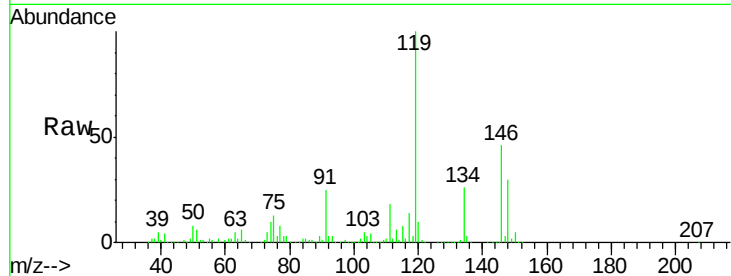
Acq: 25 Sep 2020 22:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	488970		
111	40.1	20.3	60.9	
148	64.2	31.9	95.5	

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#88

1,4-Dichlorobenzene

Concen: 52.170 ug/l

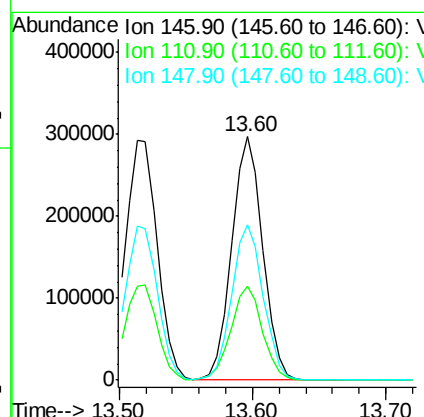
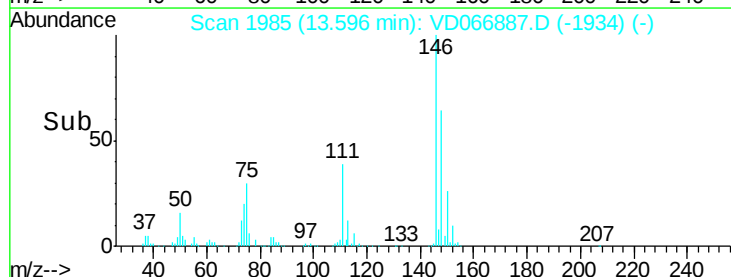
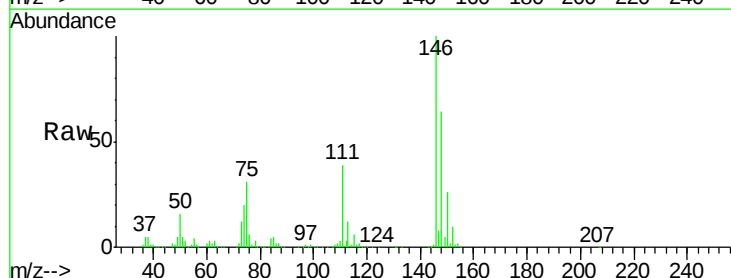
RT: 13.60 min Scan# 1985

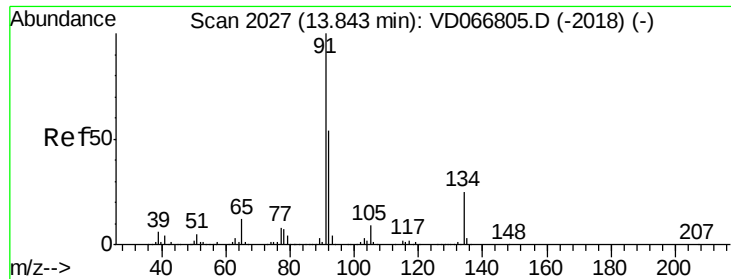
Delta R.T. 0.00 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	481517		
111	39.1	20.2	60.5	
148	64.5	31.6	94.7	





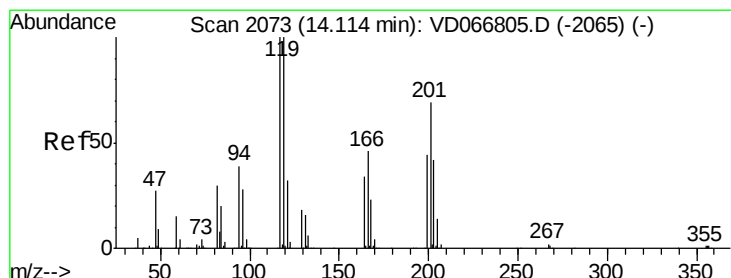
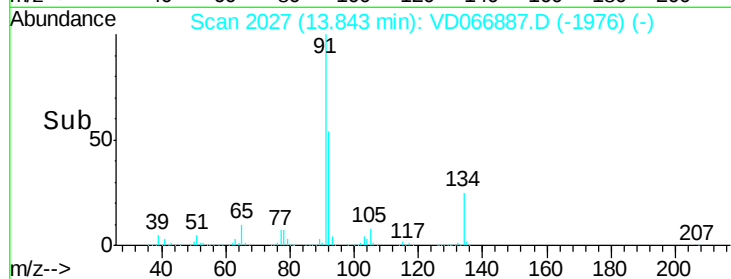
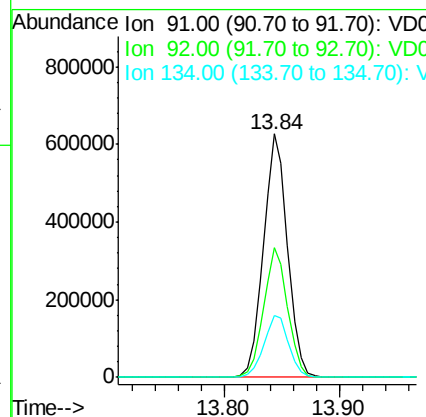
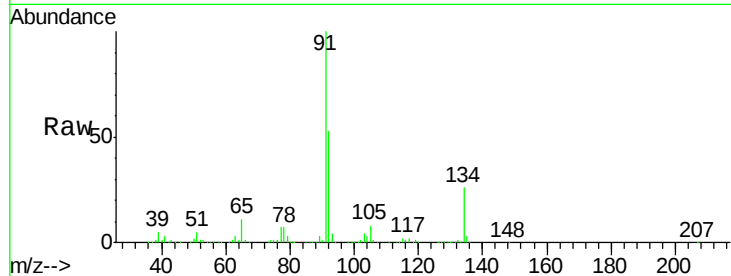
#89
n-Butylbenzene
Concen: 52.522 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.4	26.7	80.0	
134	26.3	13.1	39.1	

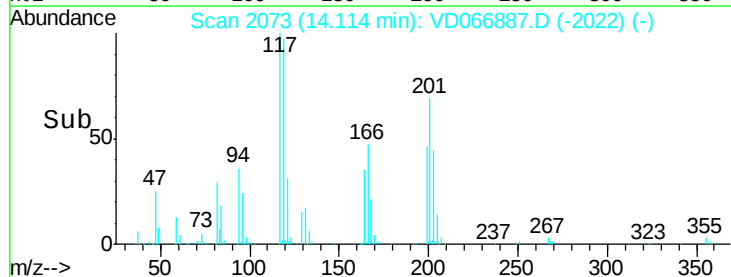
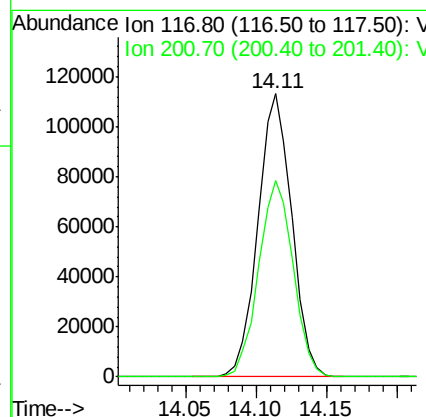
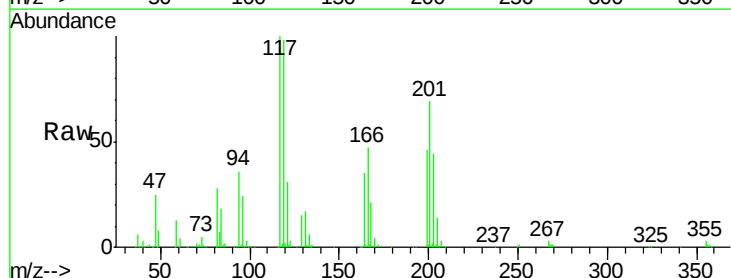
Manual Integrations
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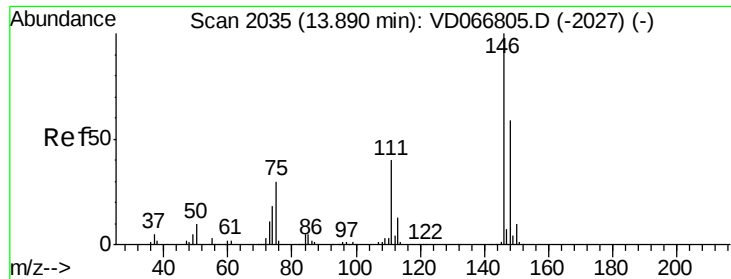
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#90
Hexachloroethane
Concen: 51.713 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	70.8	33.7	101.0	





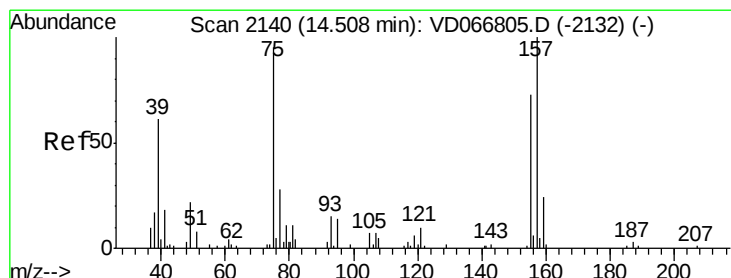
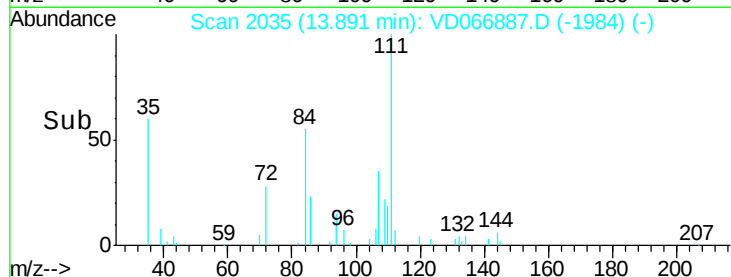
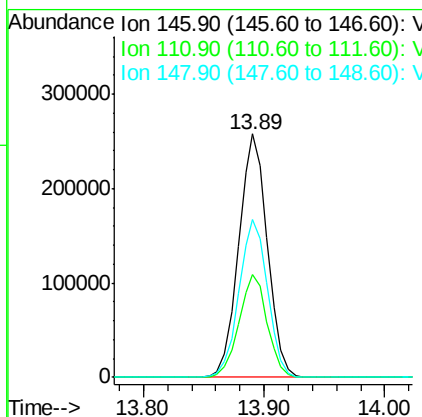
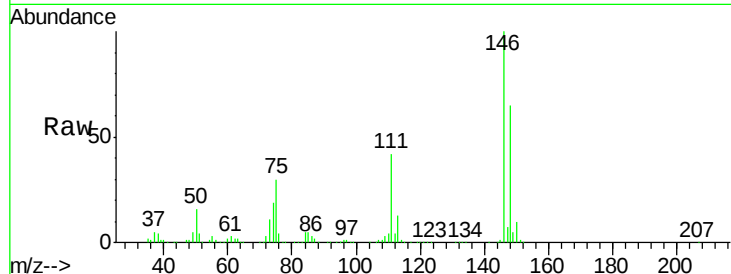
#91
 1,2-Dichlorobenzene
 Concen: 53.294 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066887.D
 Acq: 25 Sep 2020 22:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.9	62.7
148	65.0	31.8	95.3

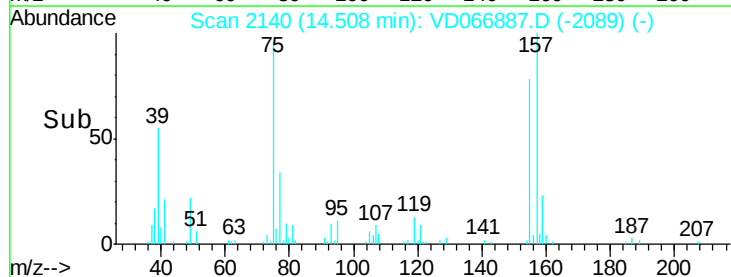
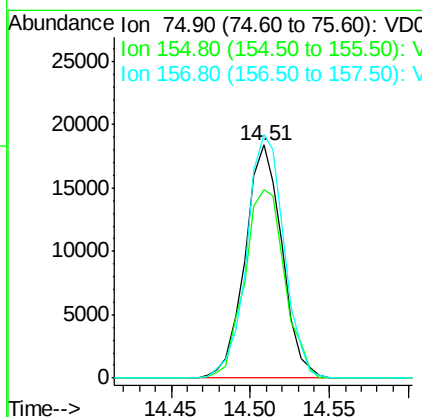
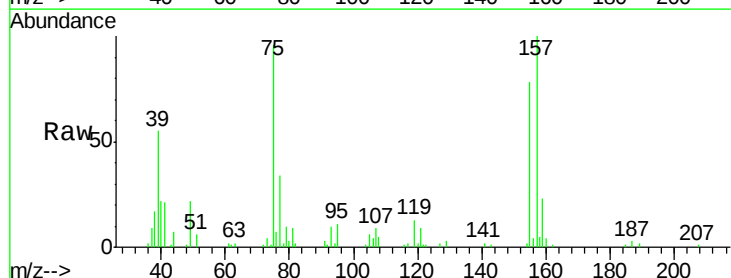
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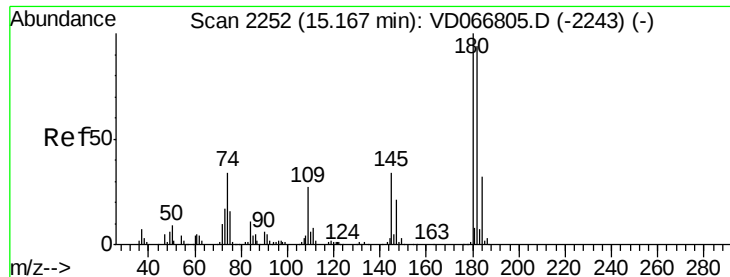
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.292 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VD066887.D
 Acq: 25 Sep 2020 22:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.1	40.4	121.2
157	105.5	51.3	153.9





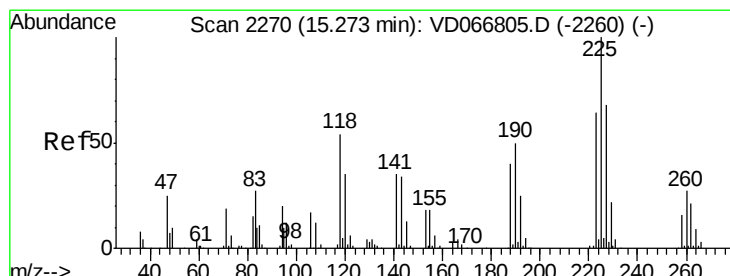
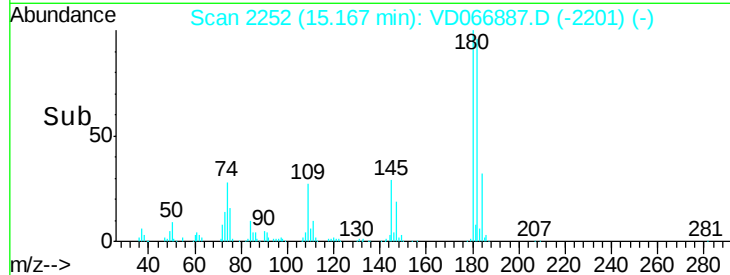
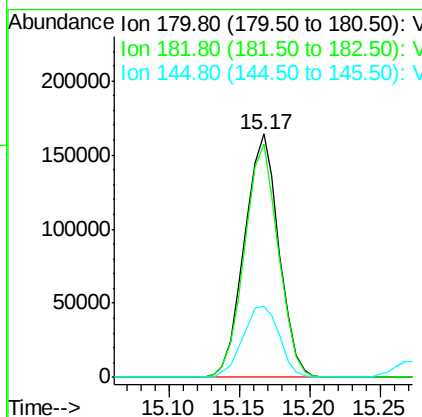
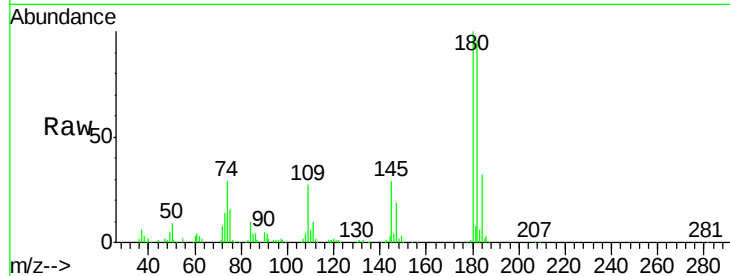
#93
 1,2,4-Trichlorobenzene
 Concen: 56.057 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066887.D
 Acq: 25 Sep 2020 22:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	280558		
182	94.3	48.8	146.3	
145	31.1	16.7	50.0	

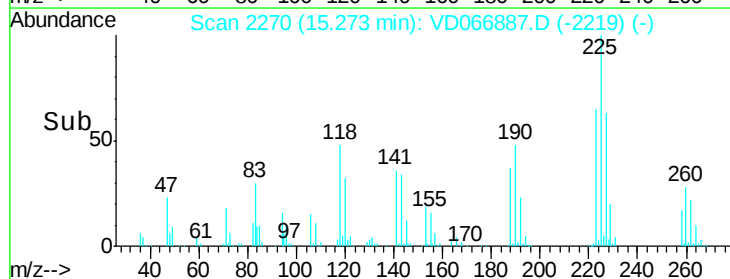
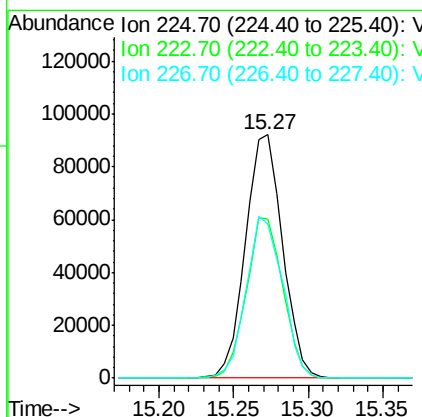
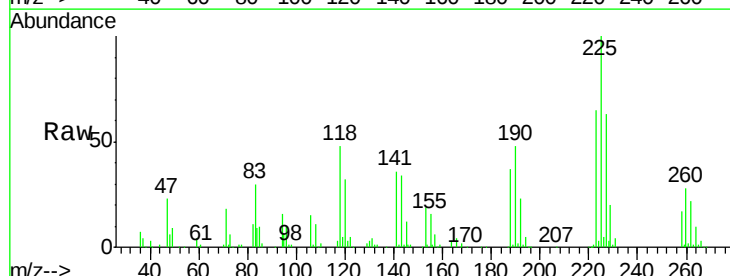
Manual Integrations
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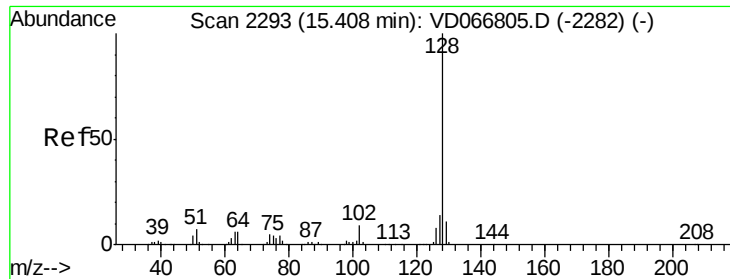
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#94
 Hexachlorobutadiene
 Concen: 52.752 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066887.D
 Acq: 25 Sep 2020 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	158210		
223	65.0	31.1	93.3	
227	65.2	31.7	95.1	





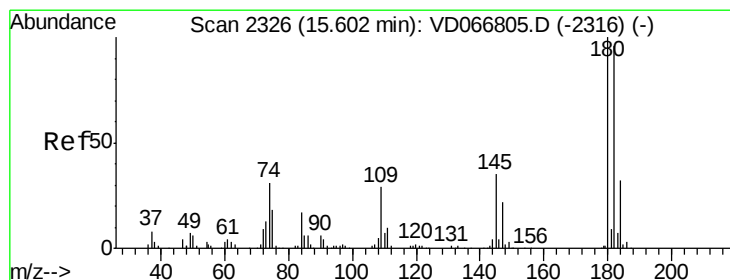
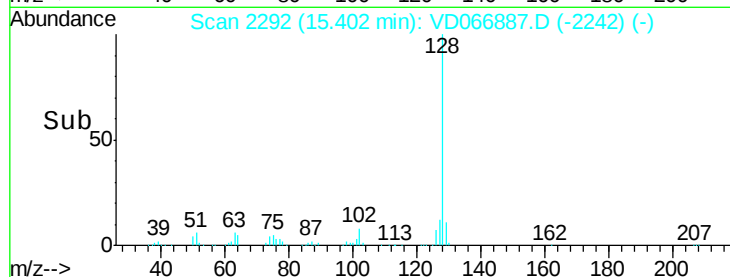
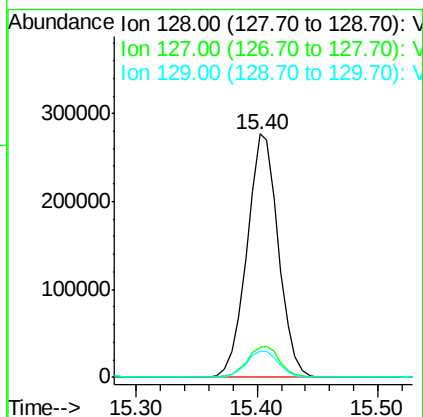
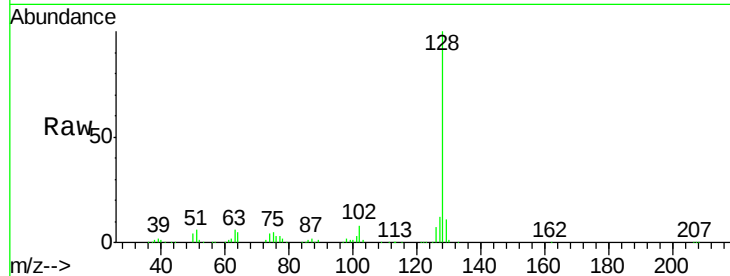
#95
Naphthalene
Concen: 59.020 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	501501		
127	13.1		10.6	16.0
129	11.1		8.9	13.3

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#96
1,2,3-Trichlorobenzene
Concen: 56.696 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	244914		
182	94.8		46.8	140.3
145	33.4		17.0	51.0

