

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081020\
 Data File : VD066162.D
 Acq On : 10 Aug 2020 14:04
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/11/2020 3:19:23 PM

Quant Time: Aug 11 05:30:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	321816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	455795	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	422231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	220295	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	150629	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	
35) Dibromofluoromethane	7.91	113	153755	53.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.50%	
50) Toluene-d8	10.34	98	582692	54.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.38%	
62) 4-Bromofluorobenzene	12.63	95	206591	53.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.58%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.99	85	114937	40.538	ug/l	100
3) Chloromethane	2.20	50	90007	40.809	ug/l	96
4) Vinyl Chloride	2.34	62	92369	47.304	ug/l	99
5) Bromomethane	2.76	94	58453	45.120	ug/l	94
6) Chloroethane	2.91	64	54984	45.873	ug/l	91
7) Trichlorofluoromethane	3.27	101	227504	44.690	ug/l	99
8) Diethyl Ether	3.70	74	66007	45.953	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	138672	45.900	ug/l	99
10) Methyl Iodide	4.30	142	149541	53.782	ug/l	98
11) Tert butyl alcohol	5.21	59	45069	203.094	ug/l #	76
12) 1,1-Dichloroethene	4.06	96	131607	46.177	ug/l	96
13) Acrolein	3.92	56	62850	275.015	ug/l	99
14) Allyl chloride	4.71	41	204010	47.249	ug/l	100
15) Acrylonitrile	5.41	53	143793	237.559	ug/l	98
16) Acetone	4.16	43	136508	250.580	ug/l	98
17) Carbon Disulfide	4.40	76	393671	43.443	ug/l	97
18) Methyl Acetate	4.71	43	59706	43.149	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	301370	46.134	ug/l	99
20) Methylene Chloride	4.96	84	159425	51.056	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	147897	45.173	ug/l	93
22) Diisopropyl ether	6.36	45	402671	47.160	ug/l	97
23) Vinyl Acetate	6.30	43	1195401	238.978	ug/l	100
24) 1,1-Dichloroethane	6.26	63	240760	45.563	ug/l	98
25) 2-Butanone	7.21	43	179072	223.490	ug/l	97
26) 2,2-Dichloropropane	7.20	77	225201	47.551	ug/l	100
27) cis-1,2-Dichloroethene	7.20	96	161360	46.988	ug/l	99
28) Bromochloromethane	7.54	49	93911	50.601	ug/l	97
29) Tetrahydrofuran	7.56	42	114043	229.727	ug/l	99
30) Chloroform	7.71	83	256026	46.143	ug/l	90
31) Cyclohexane	7.98	56	226290	44.988	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	238611	45.866	ug/l	99
36) 1,1-Dichloropropene	8.11	75	203794	47.581	ug/l	99
37) Ethyl Acetate	7.29	43	80685	47.545	ug/l	99
38) Carbon Tetrachloride	8.09	117	223727	46.841	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	250395	48.361	ug/l	96
40) Benzene	8.35	78	558401	46.997	ug/l	100
41) Methacrylonitrile	7.52	41	45964	46.066	ug/l	96
42) 1,2-Dichloroethane	8.42	62	161128	46.162	ug/l	99
43) Isopropyl Acetate	8.45	43	163397	48.868	ug/l	98
44) Trichloroethene	9.11	130	168642	47.102	ug/l	100
45) 1,2-Dichloropropane	9.38	63	138378	47.619	ug/l	91
46) Dibromomethane	9.47	93	76047	47.510	ug/l	99
47) Bromodichloromethane	9.66	83	201730	47.684	ug/l	93
48) Methyl methacrylate	9.46	41	83298	48.789	ug/l	97
49) 1,4-Dioxane	9.46	88	17474	849.717	ug/l	89
51) 4-Methyl-2-Pentanone	10.23	43	408176	237.659	ug/l	99
52) Toluene	10.40	92	369941	47.317	ug/l	97
53) t-1,3-Dichloropropene	10.62	75	193962	48.312	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	225628	47.966	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	106373	46.151	ug/l	95
56) Ethyl methacrylate	10.66	69	133961	48.382	ug/l	97
57) 1,3-Dichloropropane	10.94	76	179642	46.948	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	361365	290.147	ug/l	99
59) 2-Hexanone	10.98	43	285233	236.637	ug/l	98
60) Dibromochloromethane	11.14	129	147664	46.405	ug/l	99
61) 1,2-Dibromoethane	11.24	107	105498	47.594	ug/l	99
64) Tetrachloroethene	10.87	164	149583	46.135	ug/l	97
65) Chlorobenzene	11.67	112	401897	46.888	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	156744	46.737	ug/l	99
67) Ethyl Benzene	11.74	91	710355	47.824	ug/l	99
68) m/p-Xylenes	11.86	106	545199	94.737	ug/l	97
69) o-Xylene	12.18	106	250966	47.940	ug/l	99
70) Styrene	12.20	104	445031	48.507	ug/l	99
71) Bromoform	12.36	173	91841	46.220	ug/l #	100
73) Isopropylbenzene	12.48	105	703847	47.864	ug/l	98
74) N-amyl acetate	12.29	43	154815	47.809	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	113582	45.297	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	77196m	42.020	ug/l	
77) Bromobenzene	12.76	156	176193	46.545	ug/l	99
78) n-propylbenzene	12.82	91	830332	48.575	ug/l	99
79) 2-Chlorotoluene	12.91	91	465856	47.650	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	595262	48.403	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	40717	48.994	ug/l	97
82) 4-Chlorotoluene	13.01	91	487507	47.237	ug/l	100
83) tert-Butylbenzene	13.23	119	513303	47.460	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	595673	48.399	ug/l	99
85) sec-Butylbenzene	13.41	105	708174	48.498	ug/l	99
86) p-Isopropyltoluene	13.52	119	663867	48.473	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	327057	45.970	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	329333	46.416	ug/l	99
89) n-Butylbenzene	13.85	91	605534	49.348	ug/l	100
90) Hexachloroethane	14.12	117	125460	45.932	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	290861	46.228	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	18632	43.234	ug/l	95

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	219824	47.409	ug/l	99
94) Hexachlorobutadiene	15.27	225	132163	48.404	ug/l	98
95) Naphthalene	15.41	128	373360	49.418	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	192053	46.920	ug/l	99

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

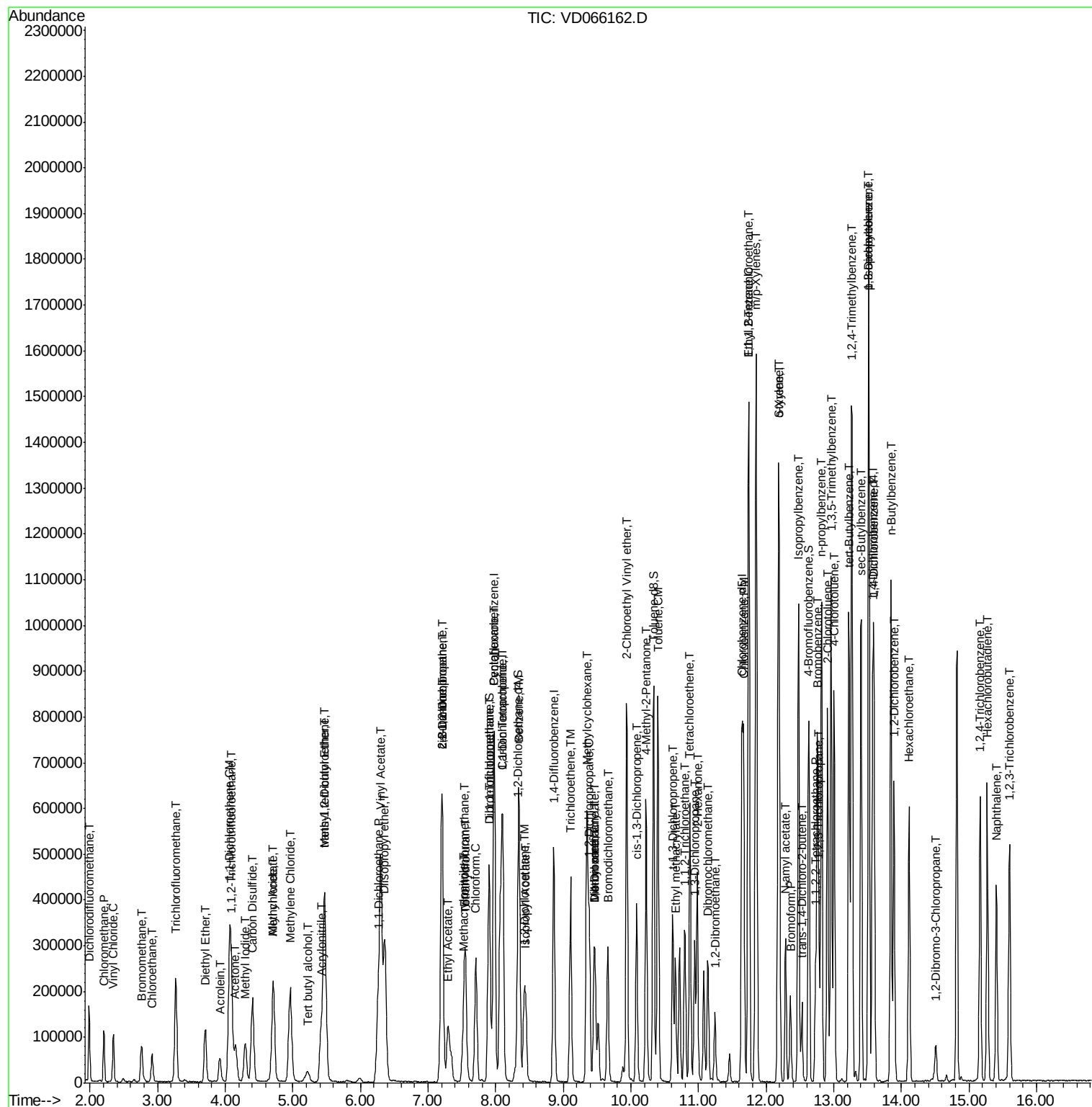
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Data File : VD066162.D
Acq On : 10 Aug 2020 14:04
Operator : VA/SY
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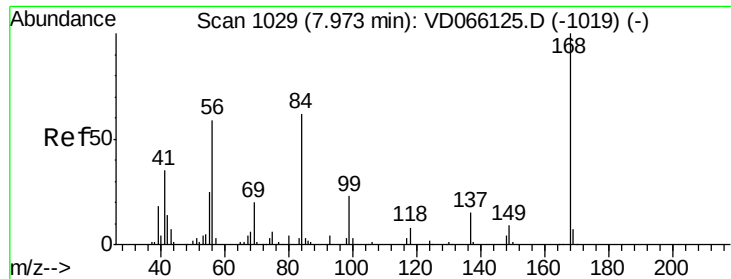
Instrument :
MSVOA_D
Client Sample Id :
VSTDCCC050

Manual Integrations
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066162.D

Acq: 10 Aug 2020 14:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 321816

Ion Ratio Lower Upper

168 100

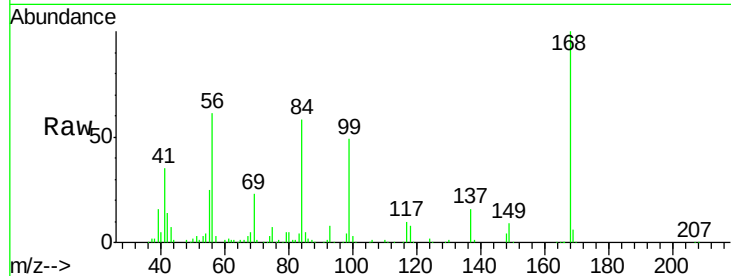
99 49.0 42.2 63.4

Manual Integrations

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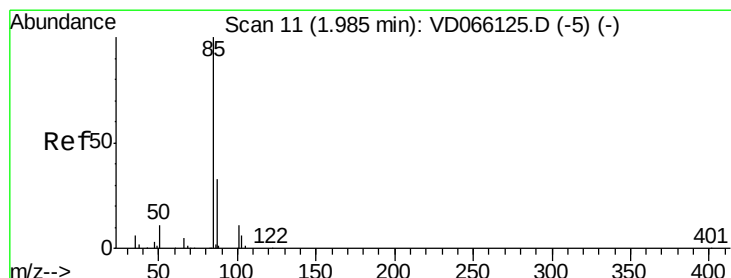
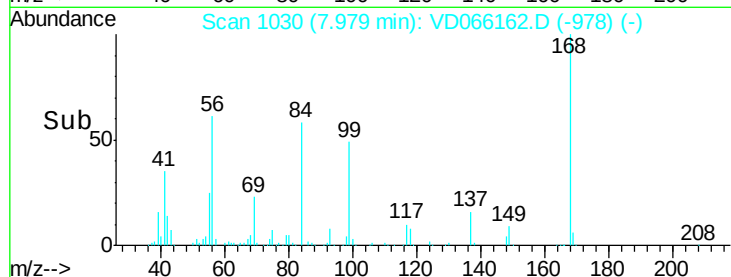
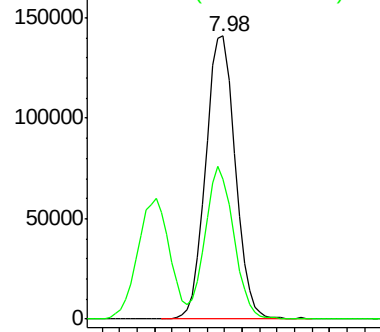
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 40.538 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066162.D

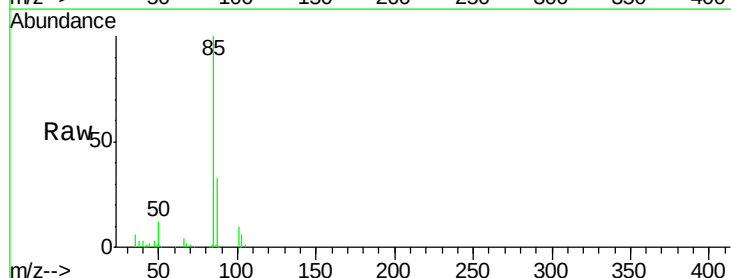
Acq: 10 Aug 2020 14:04

Tgt Ion: 85 Resp: 114937

Ion Ratio Lower Upper

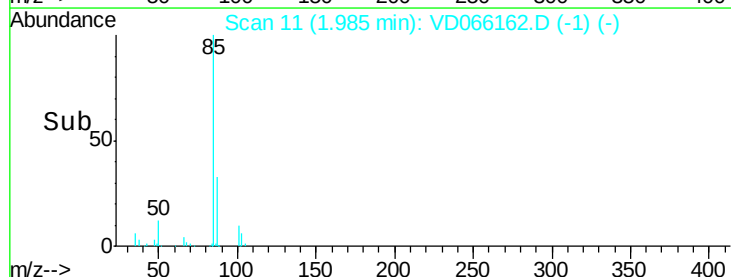
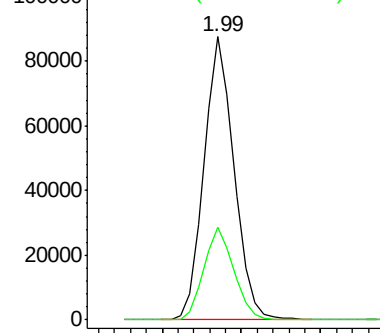
85 100

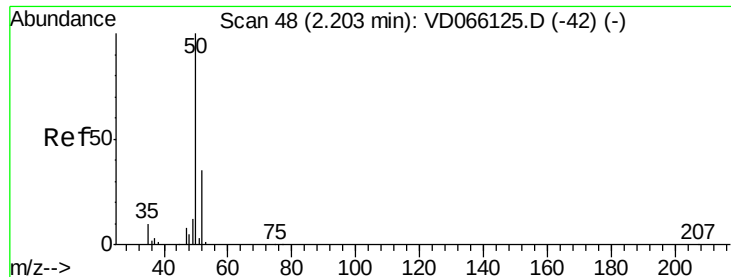
87 32.8 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 40.809 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.00 min

Lab File: VD066162.D

Acq: 10 Aug 2020 14:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 90007

Ion Ratio Lower Upper

50 100

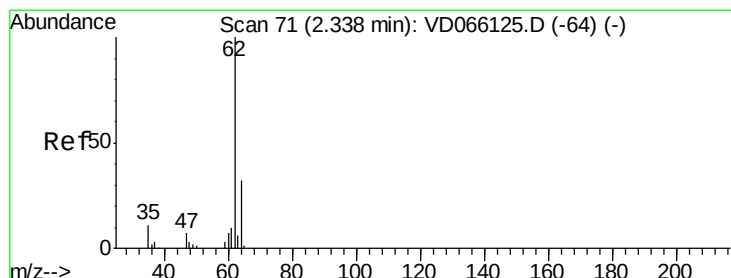
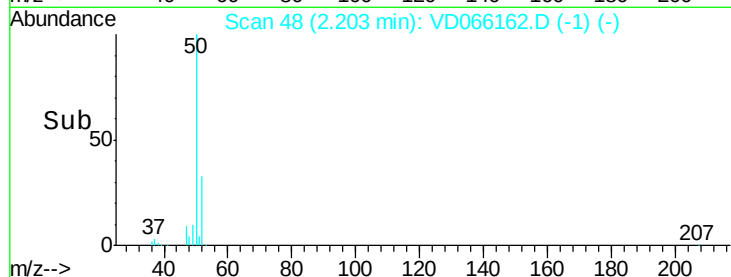
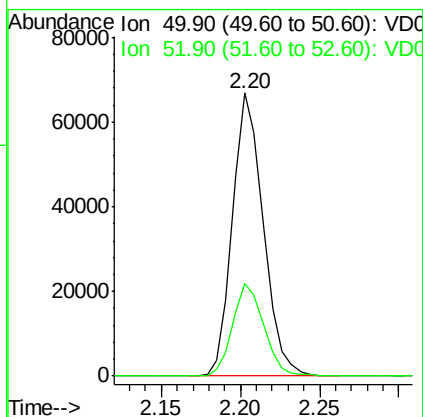
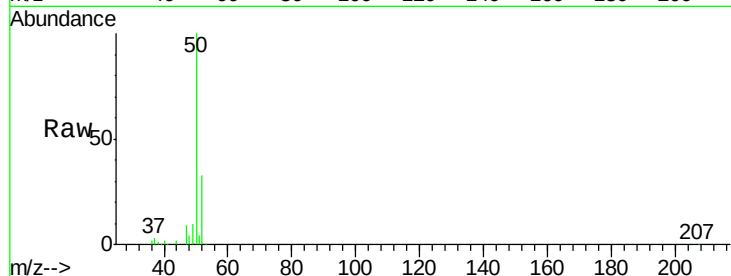
52 32.5 27.9 41.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.304 ug/l

RT: 2.34 min Scan# 72

Delta R.T. 0.01 min

Lab File: VD066162.D

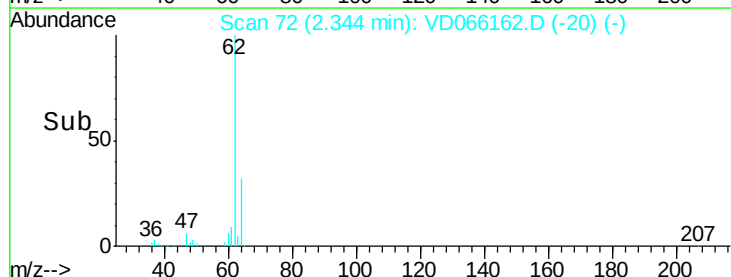
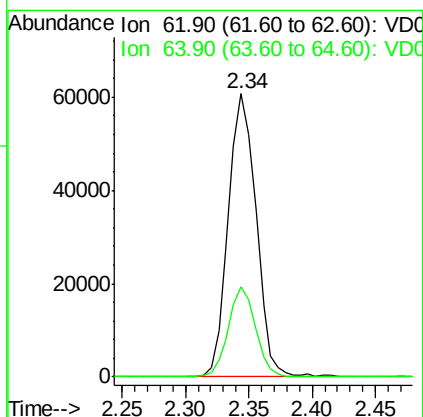
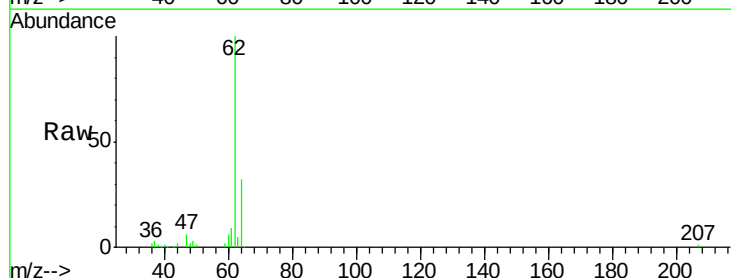
Acq: 10 Aug 2020 14:04

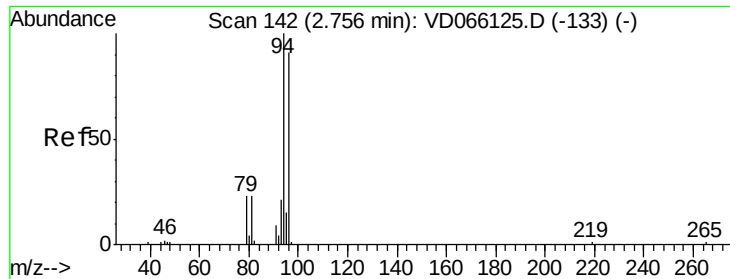
Tgt Ion: 62 Resp: 92369

Ion Ratio Lower Upper

62 100

64 31.9 25.8 38.8





#5

Bromomethane

Concen: 45.120 ug/l

RT: 2.76 min Scan# 143

Delta R.T. 0.01 min

Lab File: VD066162.D

Acq: 10 Aug 2020 14:04

Instrument :

MSVOA_D

ClientSampleId :

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Tot Ion: 94 Resp: 58453

Ion Ratio Lower Upper

94 100

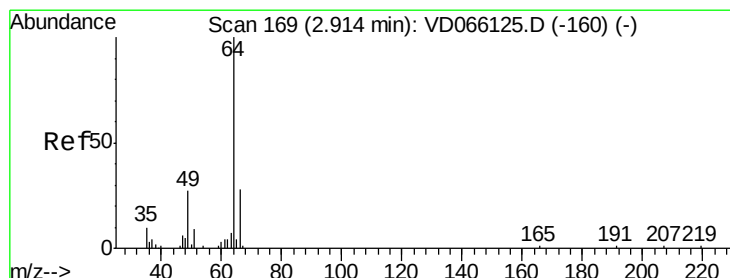
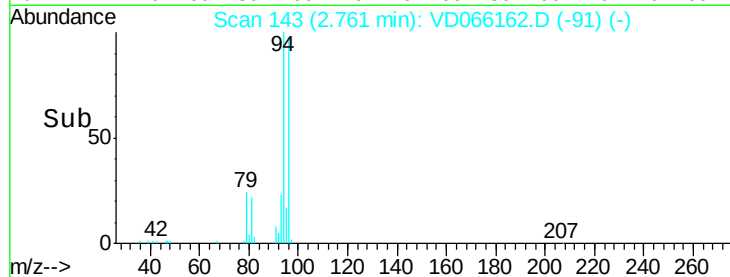
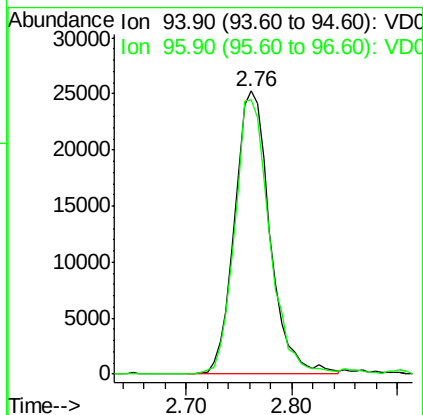
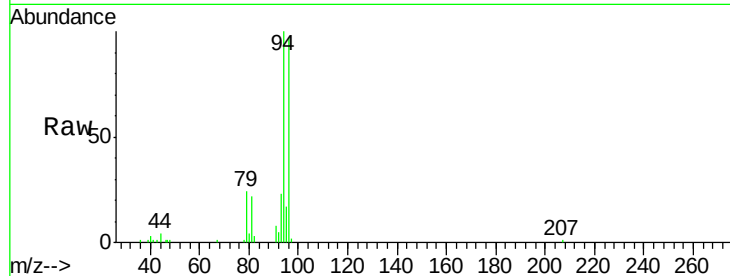
96 96.9 72.6 109.0

Manual Integrations

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#6

Chloroethane

Concen: 45.873 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.00 min

Lab File: VD066162.D

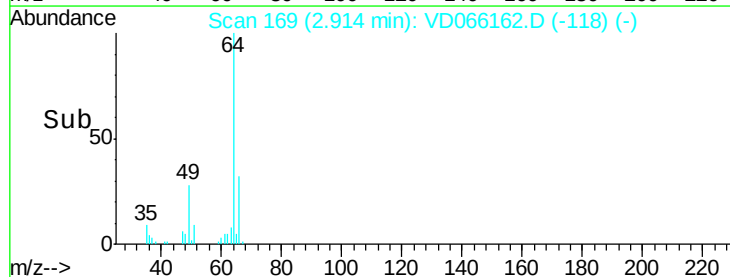
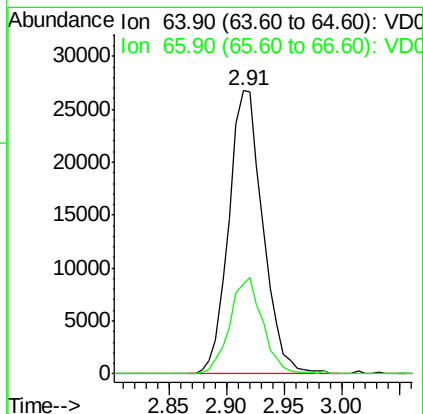
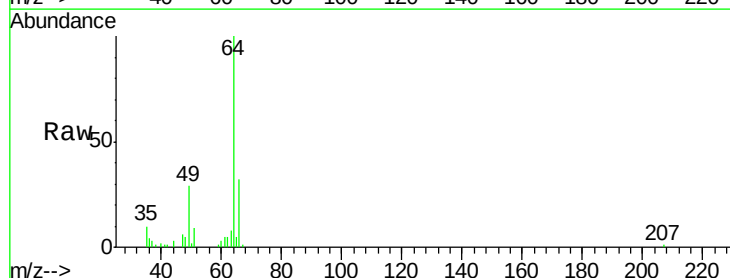
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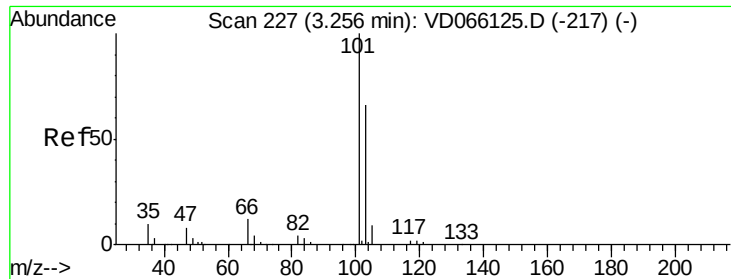
Tgt Ion: 64 Resp: 54984

Ion Ratio Lower Upper

64 100

66 32.0 22.0 33.0





#7

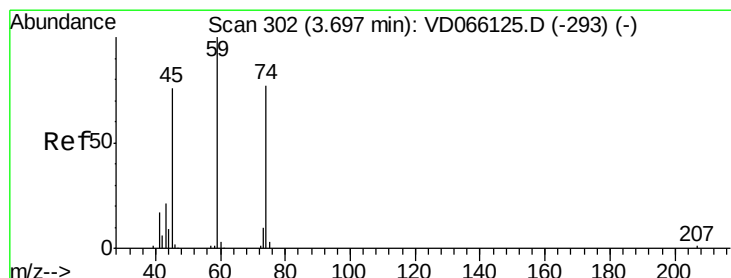
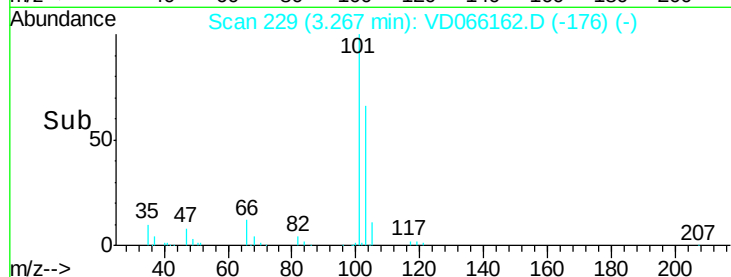
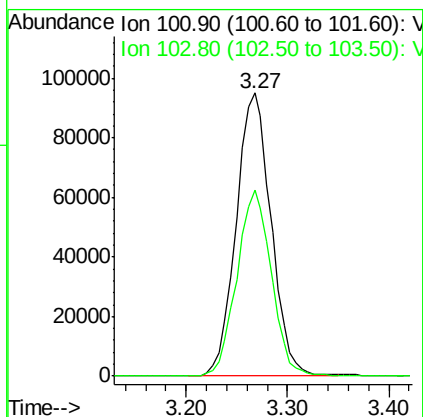
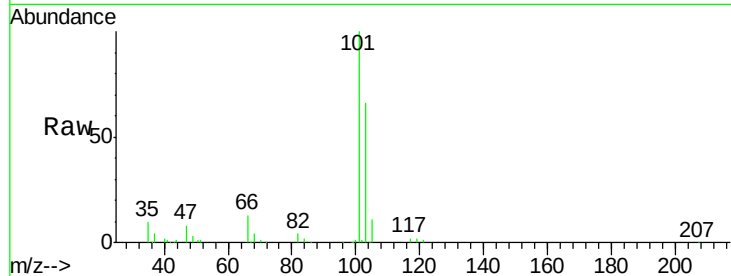
Trichlorofluoromethane
Concen: 44.690 ug/l
RT: 3.27 min Scan# 229
Delta R.T. 0.01 min
Lab File: VD066162.D
Acq: 10 Aug 2020 14:04

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	227504		
103	65.9	53.0	79.6	

Manual Integrations
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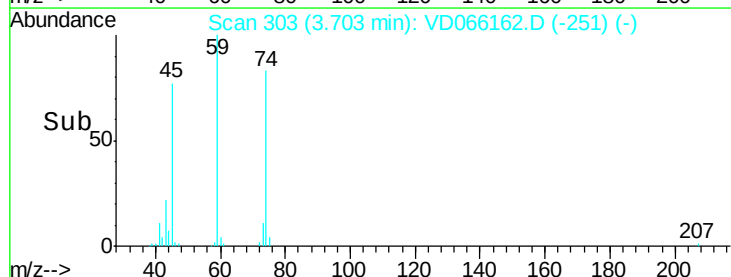
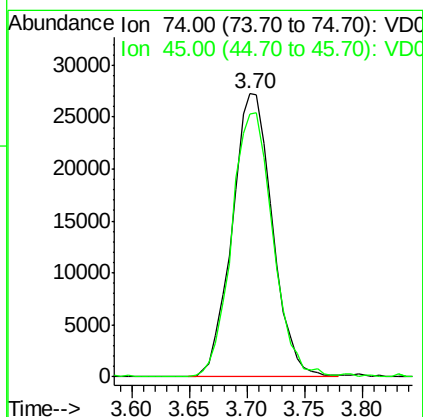
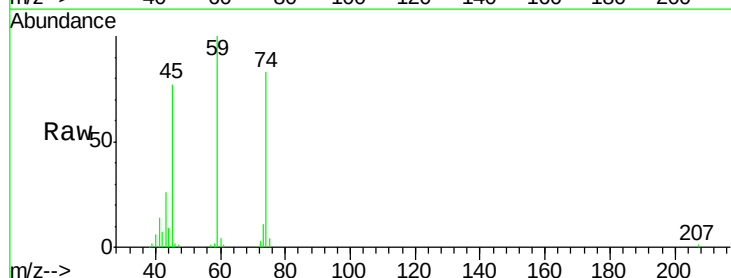
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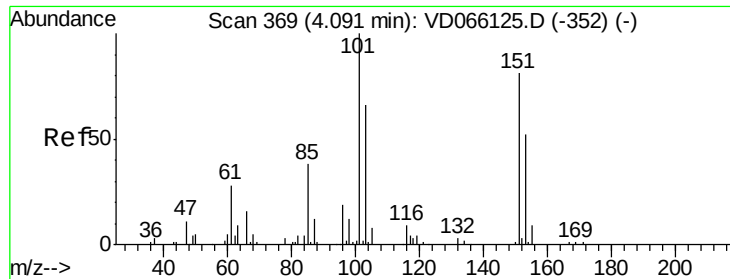


#8

Diethyl Ether
Concen: 45.953 ug/l
RT: 3.70 min Scan# 303
Delta R.T. 0.01 min
Lab File: VD066162.D
Acq: 10 Aug 2020 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	66007		
45	95.6	48.4	145.2	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.900 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.01 min

Lab File: VD066162.D

Acq: 10 Aug 2020 14:04

Instrument :

MSVOA_D

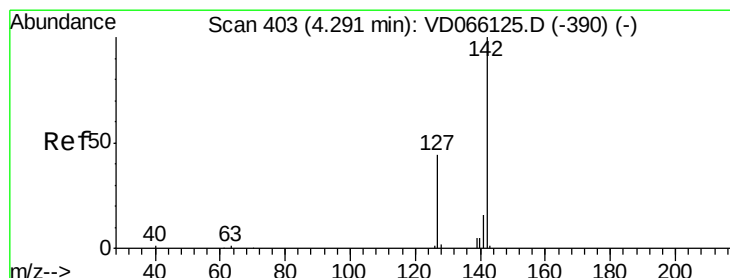
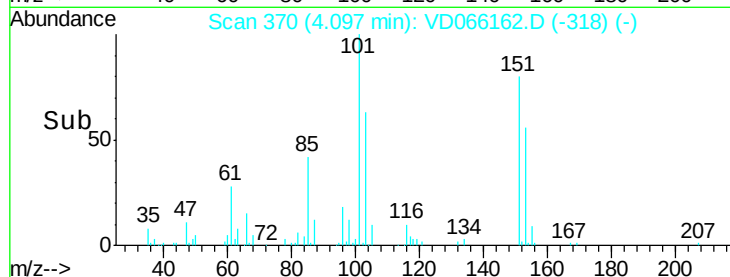
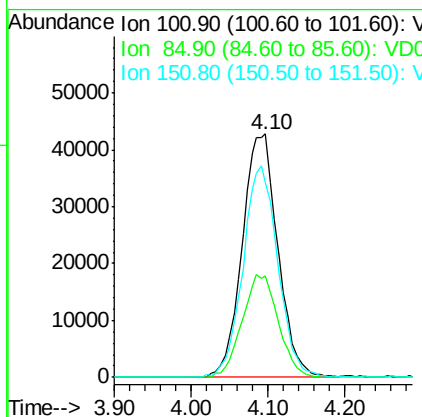
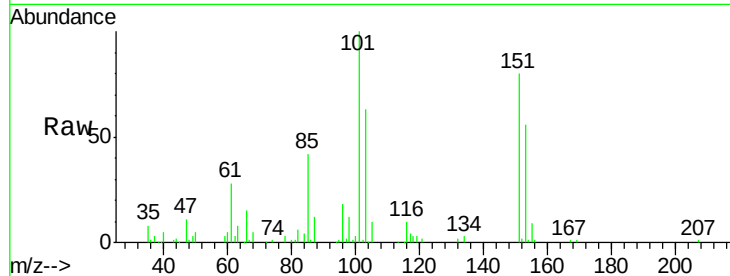
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	138672
Ion Ratio	Lower	Upper	
101	100		
85	42.7	33.5	50.3
151	85.1	67.8	101.8

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#10

Methyl Iodide

Concen: 53.782 ug/l

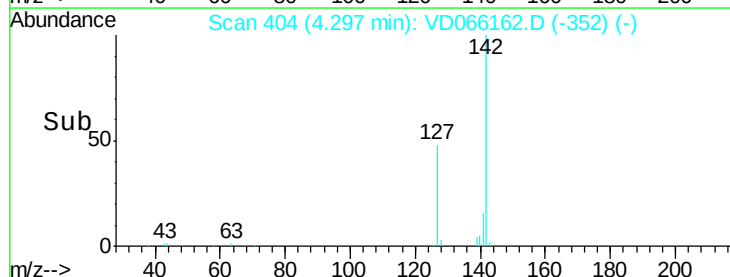
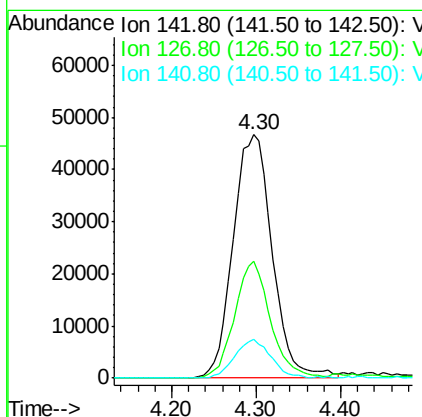
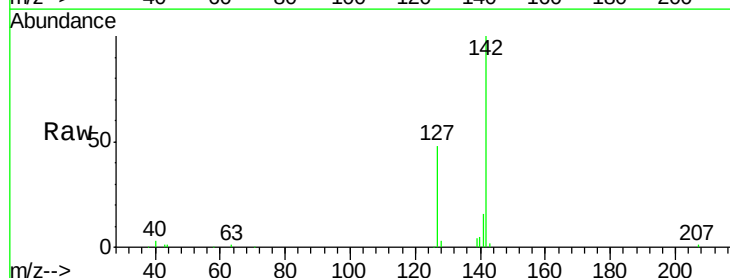
RT: 4.30 min Scan# 404

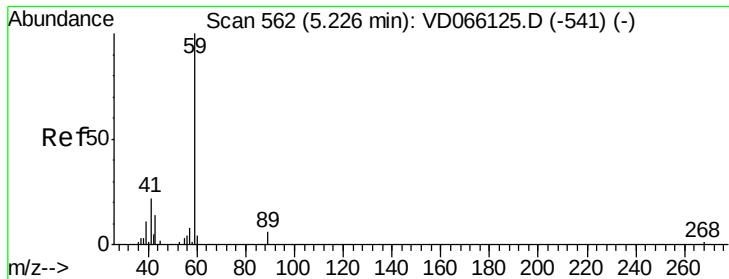
Delta R.T. 0.01 min

Lab File: VD066162.D

Acq: 10 Aug 2020 14:04

Tgt Ion:	142	Resp:	149541
Ion Ratio	Lower	Upper	
142	100		
127	43.7	36.2	54.4
141	14.7	12.6	18.8





#11

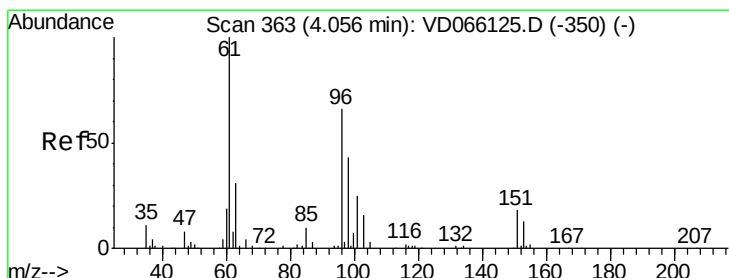
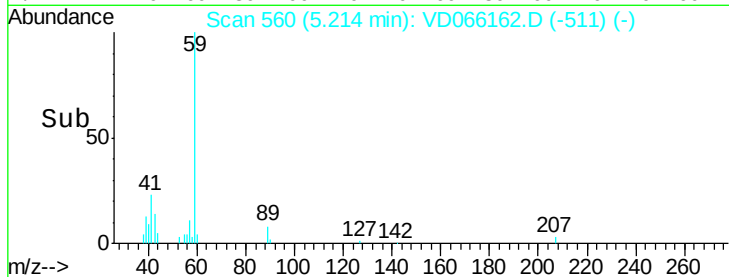
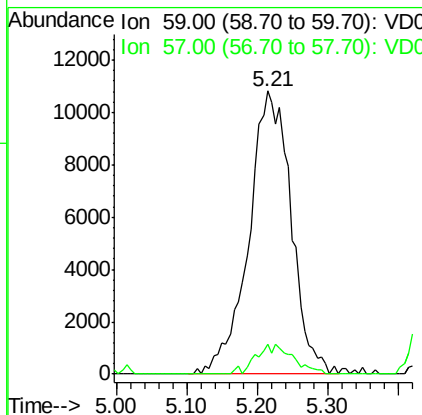
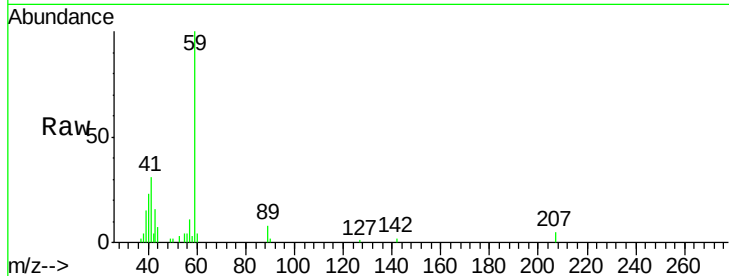
Tert butyl alcohol
Concen: 203.094 ug/l
RT: 5.21 min Scan# 560
Delta R.T. -0.01 min
Lab File: VD066162.D
Acq: 10 Aug 2020 14:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.0	10.4#

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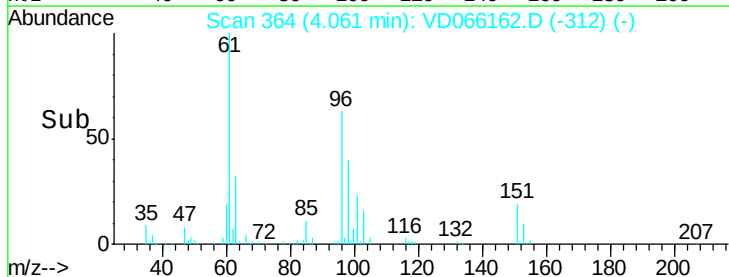
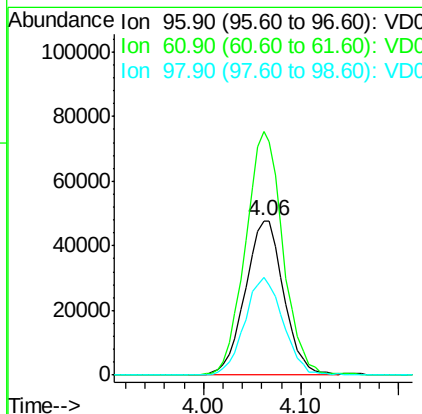
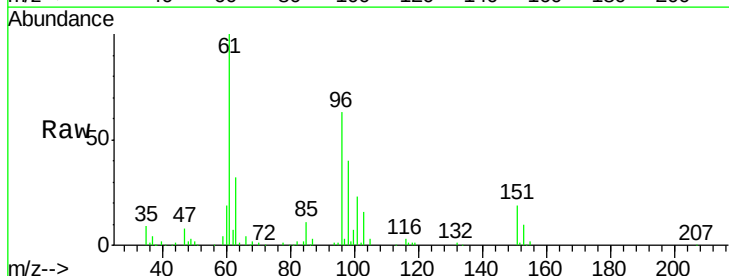
MMDadoda
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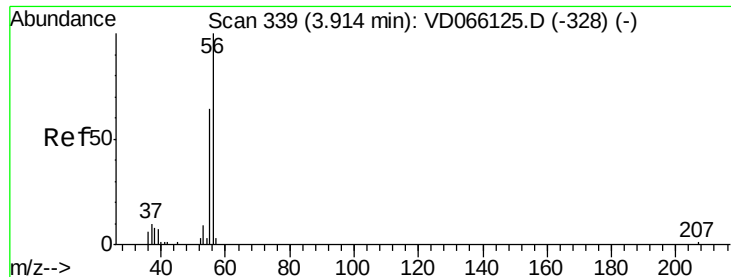


#12

1,1-Dichloroethene
Concen: 46.177 ug/l
RT: 4.06 min Scan# 364
Delta R.T. 0.01 min
Lab File: VD066162.D
Acq: 10 Aug 2020 14:04

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.7	121.6	182.4
98	63.7	52.0	78.0





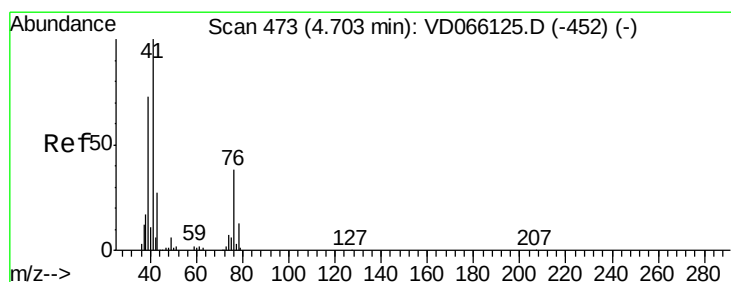
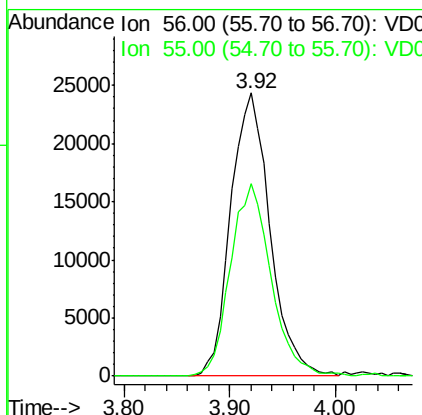
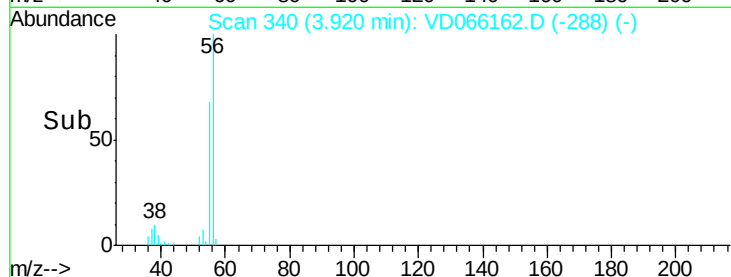
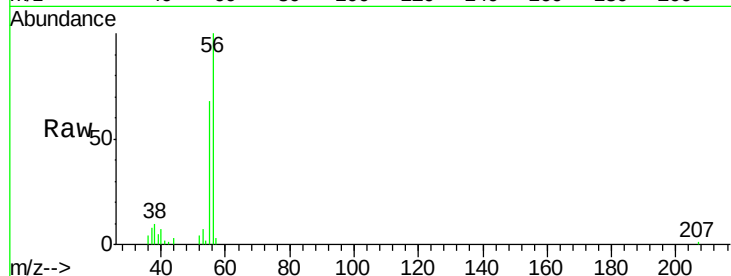
#13
Acrolein
Concen: 275.015 ug/l
RT: 3.92 min Scan# 340
Delta R.T. 0.01 min
Lab File: VD066162.D
Acq: 10 Aug 2020 14:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	62850
Ion Ratio	Lower	Upper	
56	100		
55	70.1	56.7	85.1

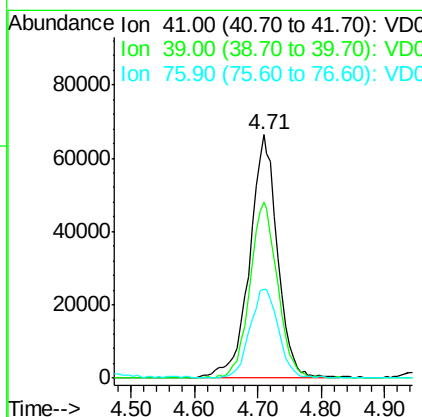
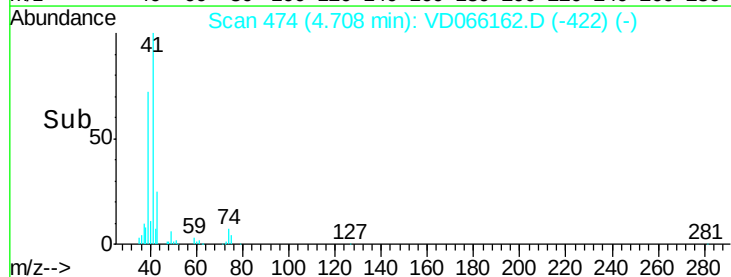
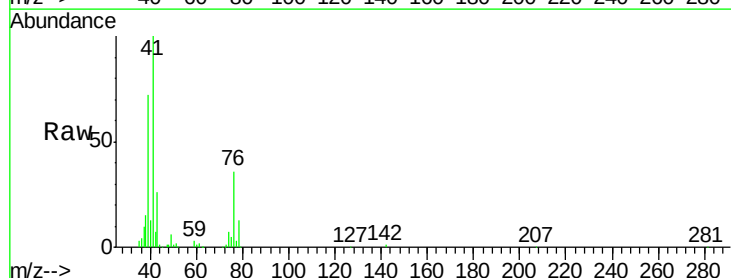
Manual Integrations
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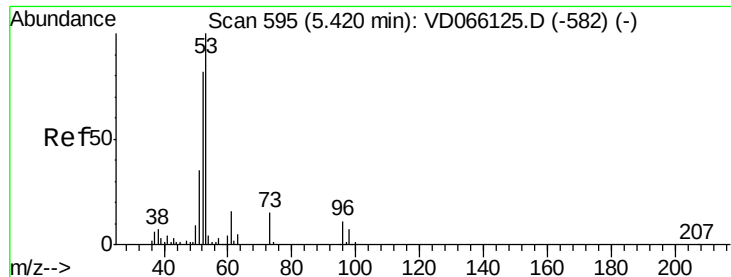
MMDadoda
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#14
Allyl chloride
Concen: 47.249 ug/l
RT: 4.71 min Scan# 474
Delta R.T. 0.01 min
Lab File: VD066162.D
Acq: 10 Aug 2020 14:04

Tgt Ion	41	Resp	204010
Ion Ratio	Lower	Upper	
41	100		
39	72.0	57.4	86.0
76	37.7	30.1	45.1





#15

Acrylonitrile

Concen: 237.559 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD066162.D

Acq: 10 Aug 2020 14:04

Instrument :

MSVOA_D

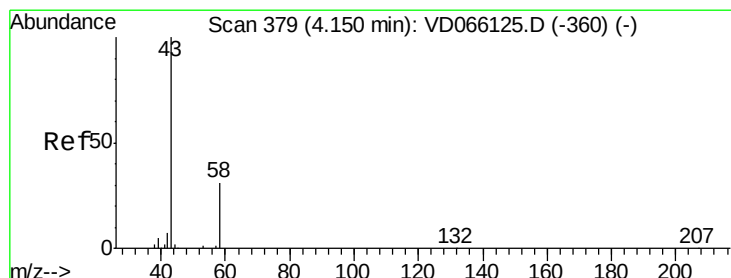
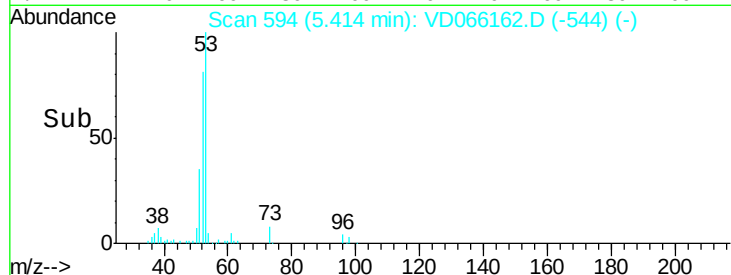
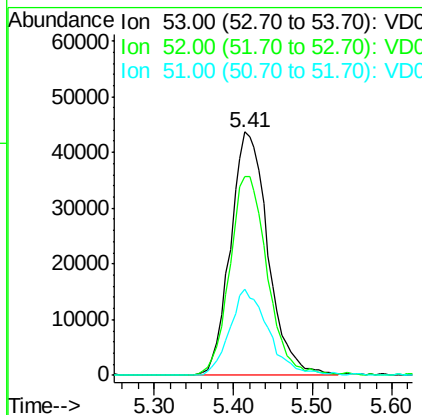
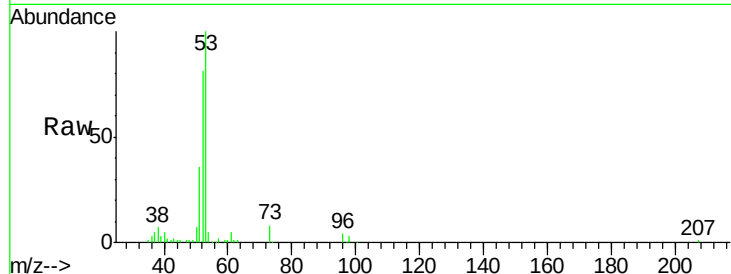
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	143793
Ion Ratio		Lower	Upper
53	100		
52	81.5	66.1	99.1
51	36.4	30.8	46.2

Manual Integrations
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#16

Acetone

Concen: 250.580 ug/l

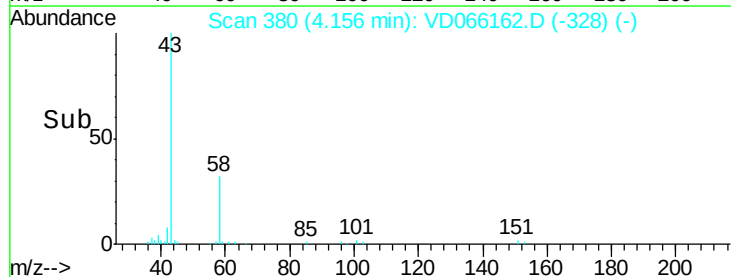
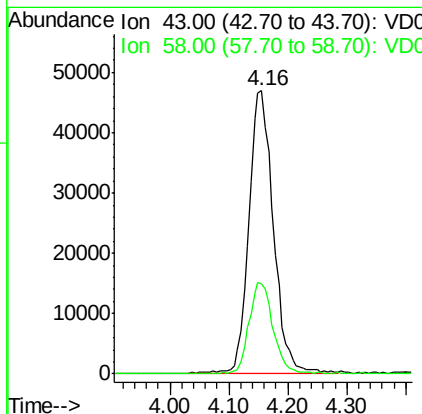
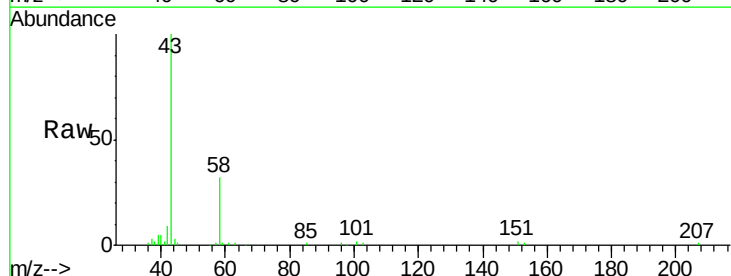
RT: 4.16 min Scan# 380

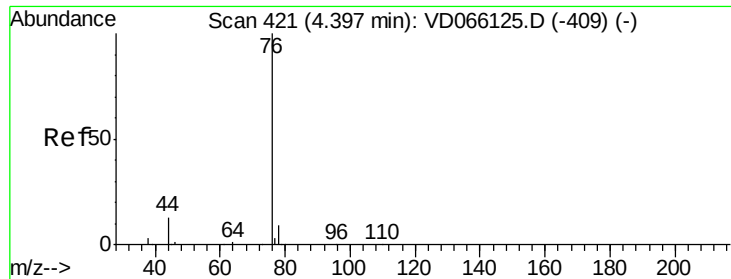
Delta R.T. 0.01 min

Lab File: VD066162.D

Acq: 10 Aug 2020 14:04

Tgt Ion:	43	Resp:	136508
Ion Ratio		Lower	Upper
43	100		
58	32.0	24.7	37.1





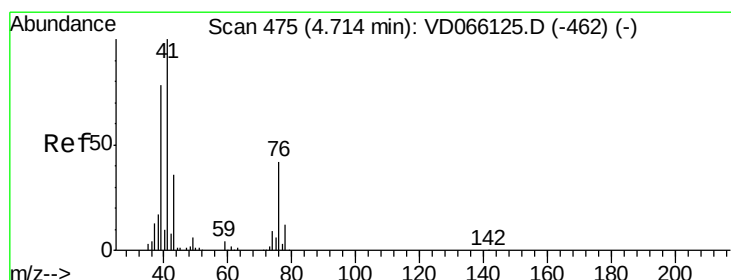
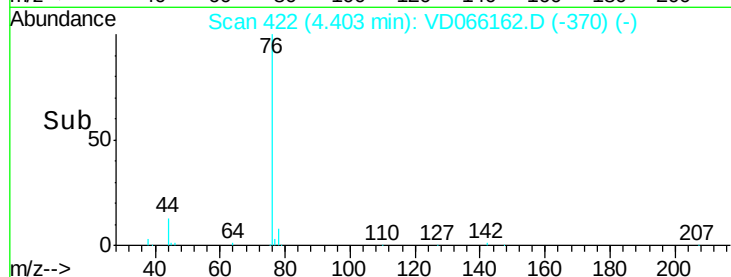
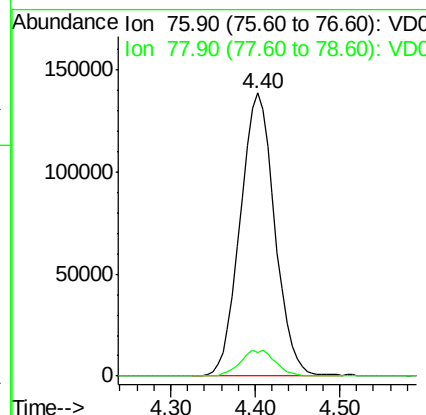
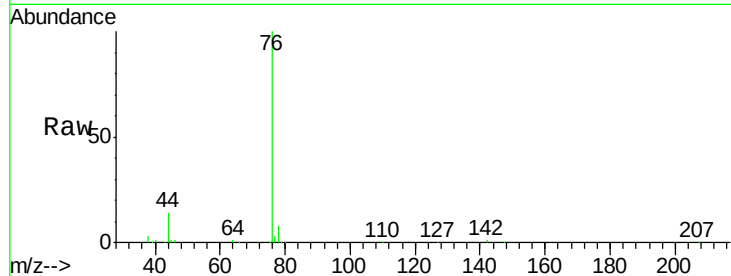
#17
Carbon Disulfide
Concen: 43.443 ug/l
RT: 4.40 min Scan# 422
Delta R.T. 0.01 min
Lab File: VD066162.D
Acq: 10 Aug 2020 14:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.5	11.3

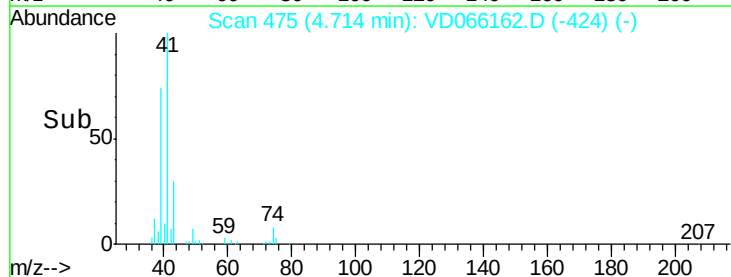
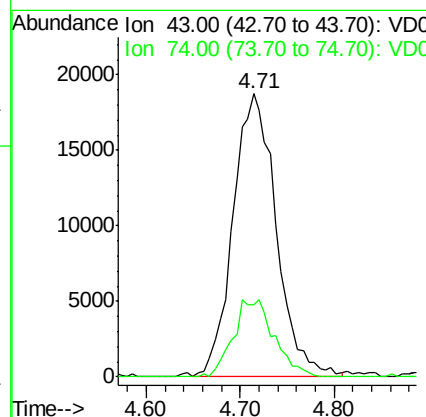
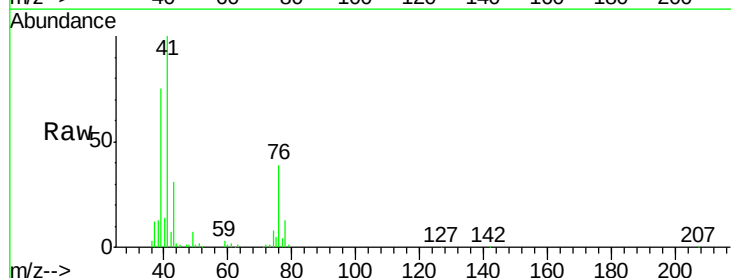
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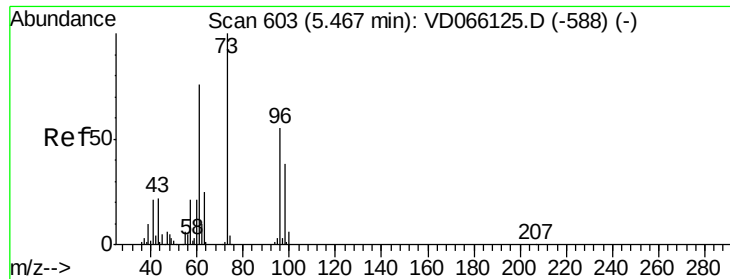
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#18
Methyl Acetate
Concen: 43.149 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.00 min
Lab File: VD066162.D
Acq: 10 Aug 2020 14:04

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.0	21.2	31.8





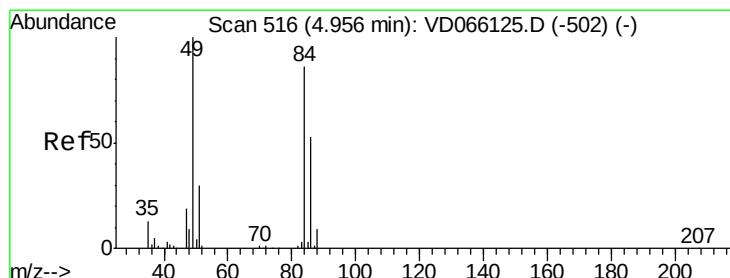
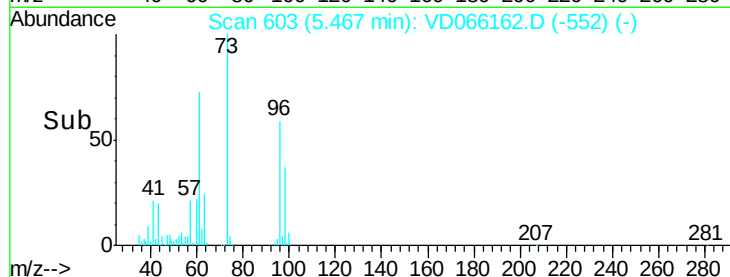
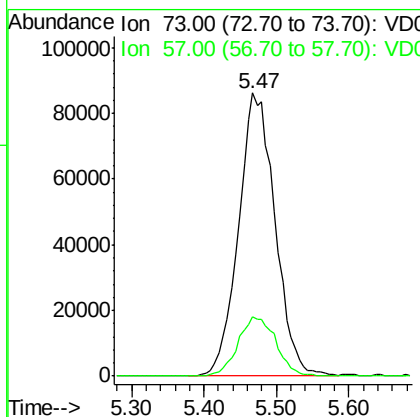
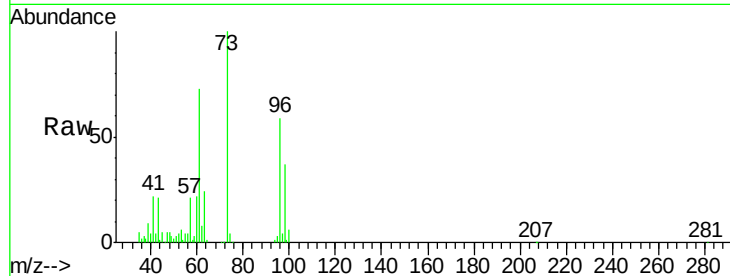
#19
Methyl tert-butyl Ether
Concen: 46.134 ug/l
RT: 5.47 min Scan# 603
Delta R.T. -0.00 min
Lab File: VD066162.D
Acq: 10 Aug 2020 14:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 301370
Ion Ratio Lower Upper
73 100
57 20.9 17.1 25.7

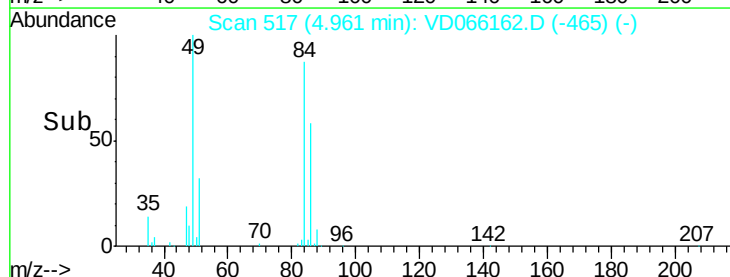
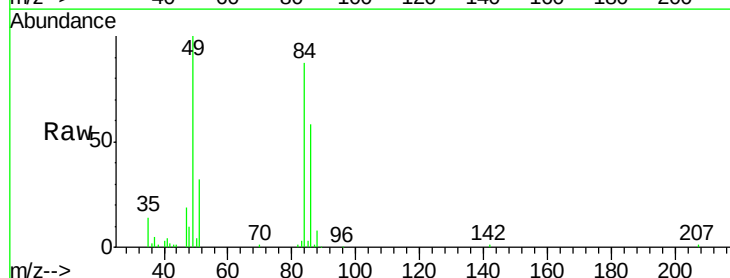
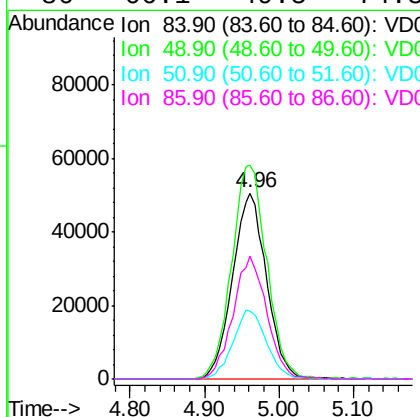
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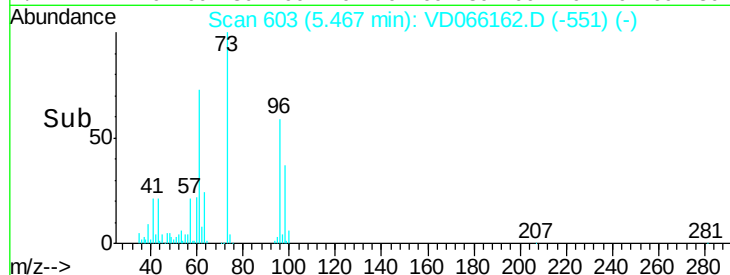
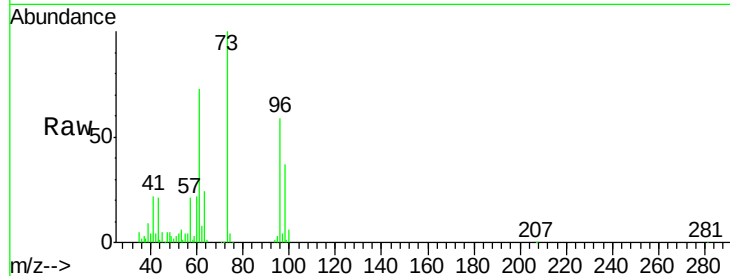
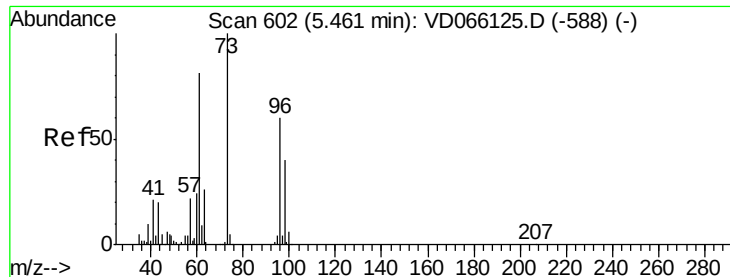
MMDadoda
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#20
Methylene Chloride
Concen: 51.056 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.01 min
Lab File: VD066162.D
Acq: 10 Aug 2020 14:04

Tgt Ion: 84 Resp: 159425
Ion Ratio Lower Upper
84 100
49 114.8 93.5 140.3
51 36.8 28.2 42.4
86 66.1 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 45.173 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.01 min

Lab File: VD066162.D

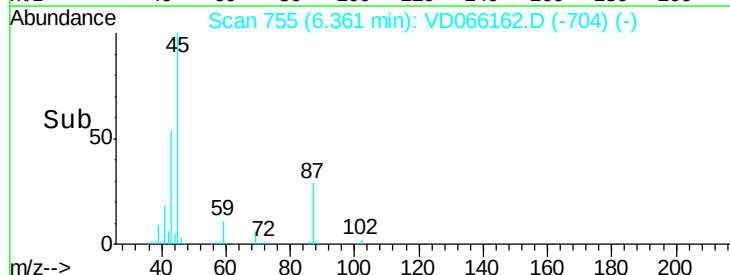
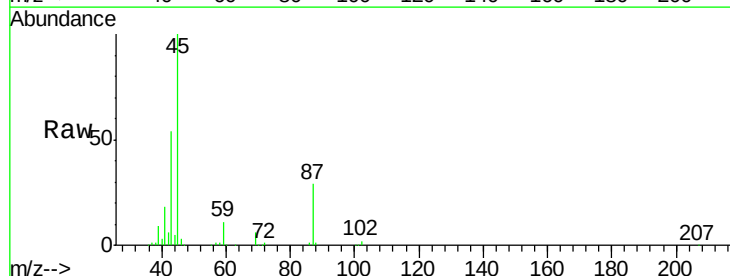
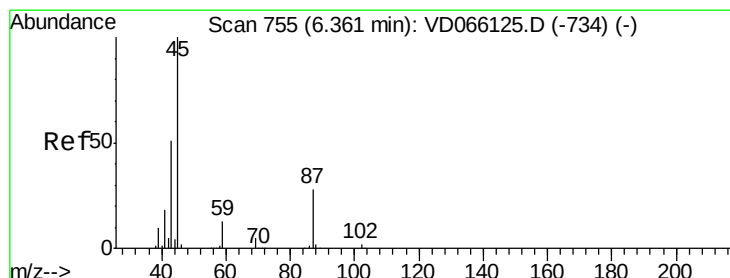
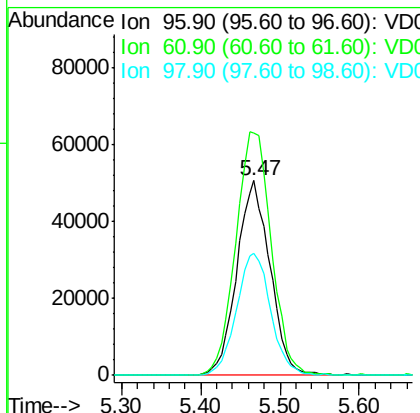
Acq: 10 Aug 2020 14:04

Tot Ion:	96	Resp:	147897
Ion	Ratio	Lower	Upper
96	100		
61	124.8	106.9	160.3
98	63.0	53.4	80.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
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#22

Diisopropyl ether

Concen: 47.160 ug/l

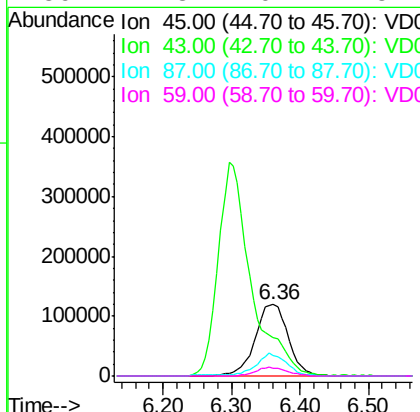
RT: 6.36 min Scan# 755

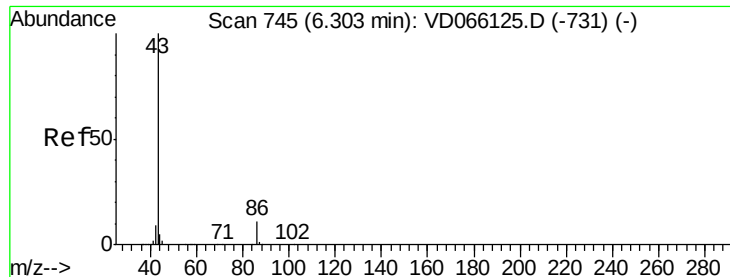
Delta R.T. -0.00 min

Lab File: VD066162.D

Acq: 10 Aug 2020 14:04

Tgt Ion:	45	Resp:	402671
Ion	Ratio	Lower	Upper
45	100		
43	53.7	41.2	61.8
87	29.1	22.8	34.2
59	11.3	10.2	15.2





#23

Vinyl Acetate

Concen: 238.978 ug/l

RT: 6.30 min Scan# 744

Delta R.T. -0.01 min

Lab File: VD066162.D

Acq: 10 Aug 2020 14:04

Tot Ion: 43 Resp: 1195401

Ion Ratio Lower Upper

43 100

86 11.4 9.1 13.7

Instrument :

MSVOA_D

ClientSampleId :

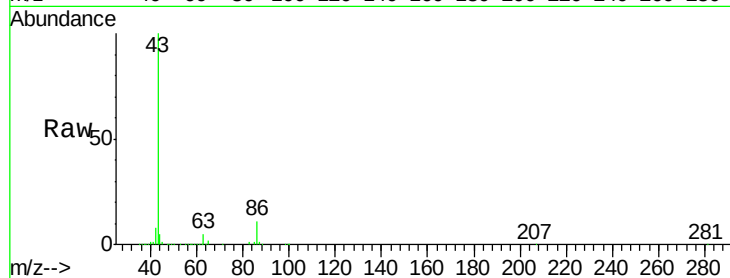
VSTDCCC050

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

400000

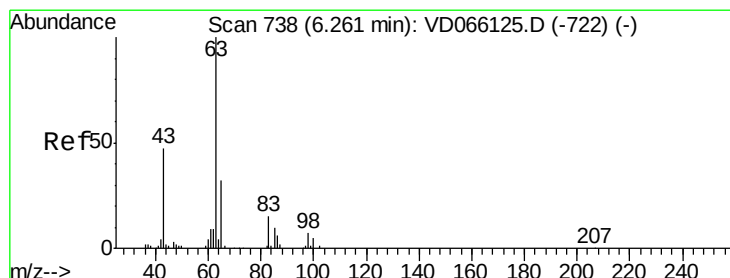
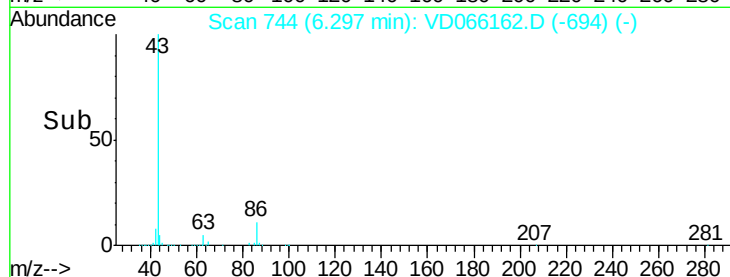
300000

200000

100000

0

Time--> 6.10 6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 45.563 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD066162.D

Acq: 10 Aug 2020 14:04

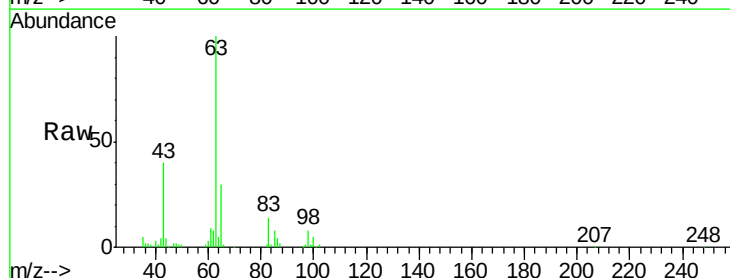
Tgt Ion: 63 Resp: 240760

Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.5

100 5.5 2.4 7.2



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

6.26

100000

80000

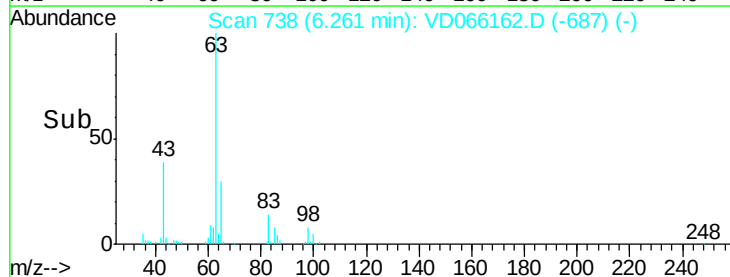
60000

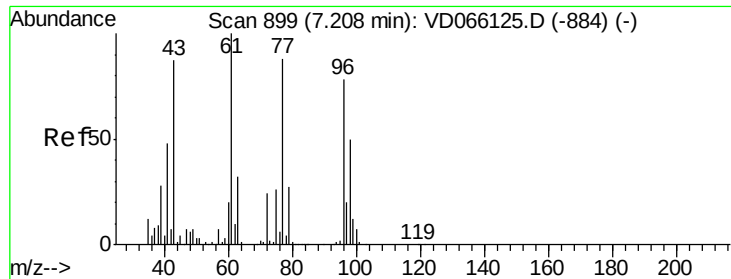
40000

20000

0

Time--> 6.10 6.20 6.30 6.40





#25

2-Butanone

Concen: 223.490 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066162.D

Acq: 10 Aug 2020 14:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 179072

Ion Ratio Lower Upper

43 100

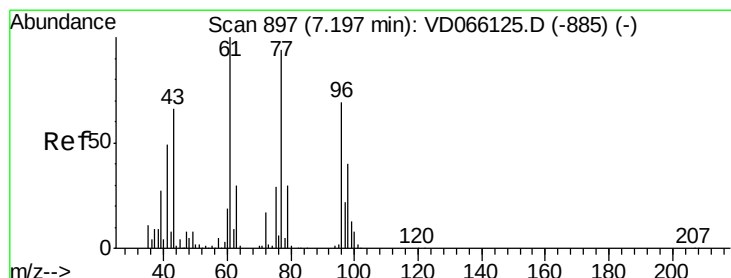
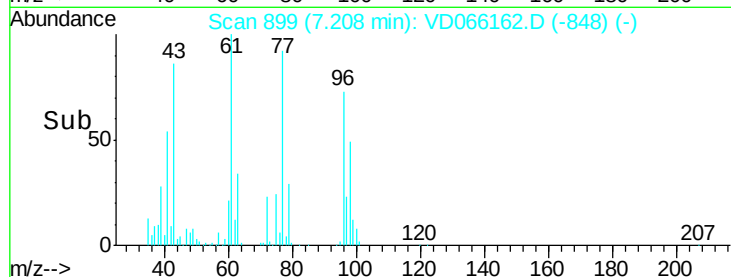
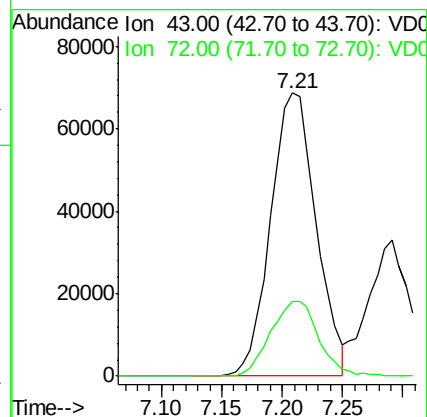
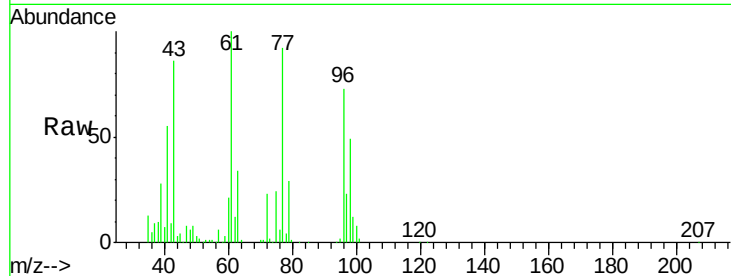
72 26.4 22.2 33.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 47.551 ug/l

RT: 7.20 min Scan# 898

Delta R.T. 0.01 min

Lab File: VD066162.D

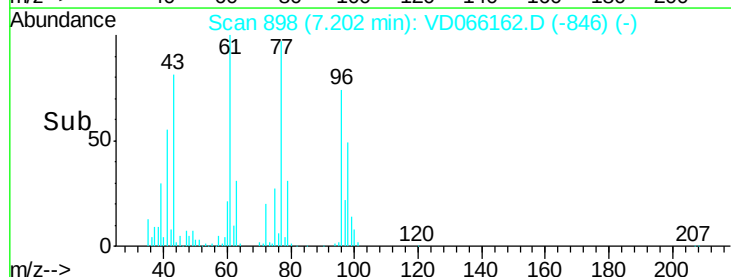
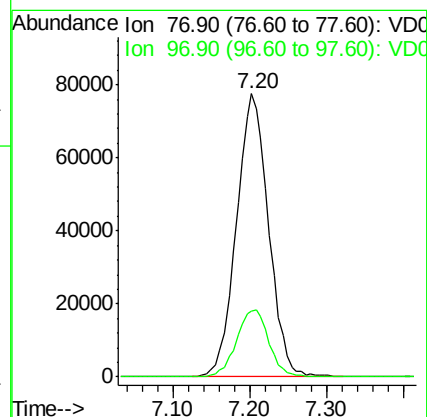
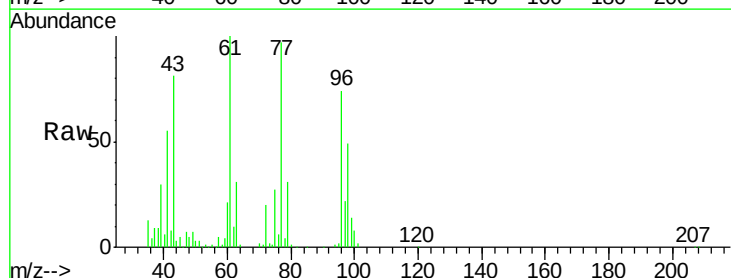
Acq: 10 Aug 2020 14:04

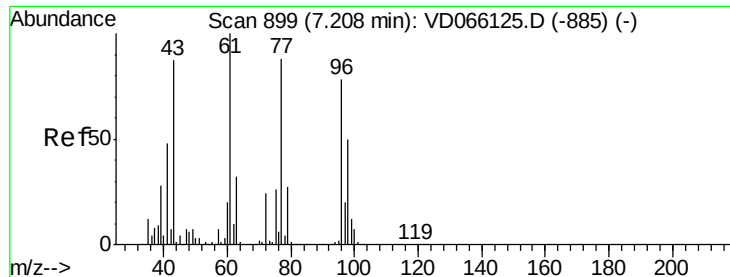
Tgt Ion: 77 Resp: 225201

Ion Ratio Lower Upper

77 100

97 23.6 11.8 35.3





#27

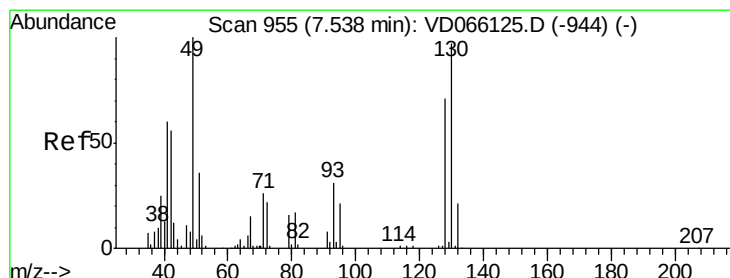
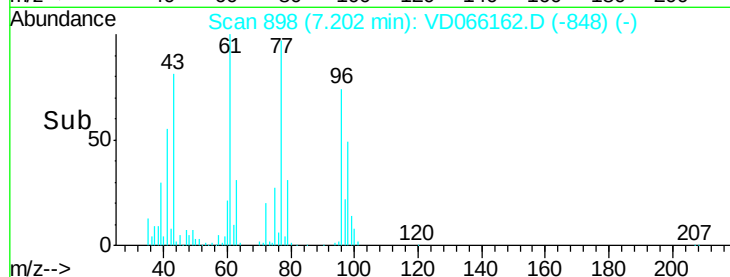
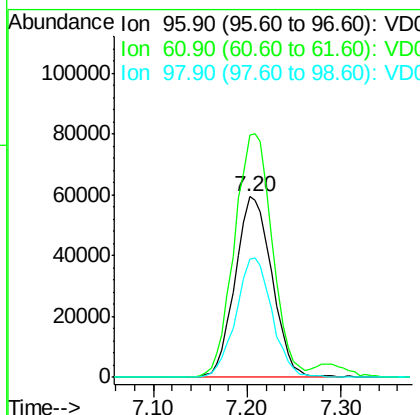
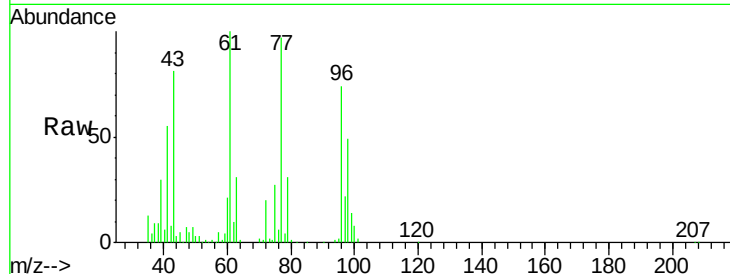
cis-1,2-Dichloroethene
Concen: 46.988 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD066162.D
Acq: 10 Aug 2020 14:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	161360		
61	138.7	0.0	281.6	
98	64.8	0.0	130.8	

Manual Integrations
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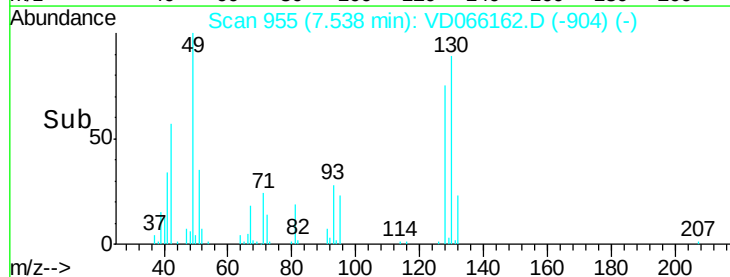
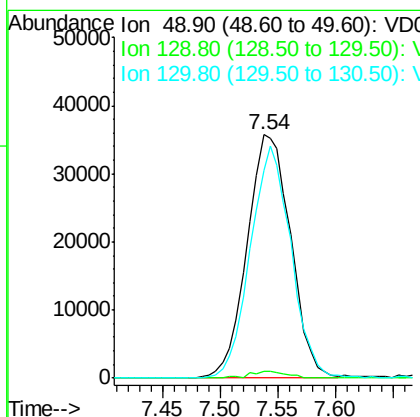
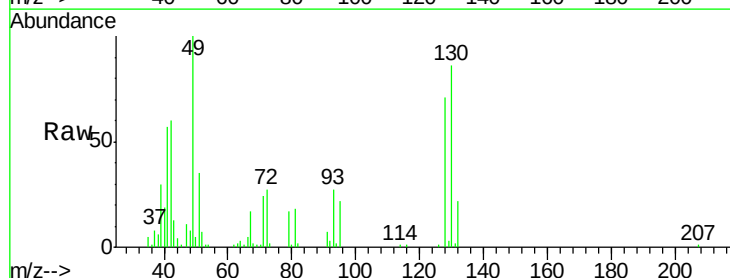
MMDadoda
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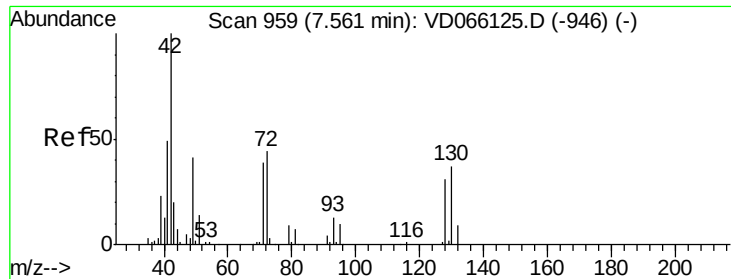


#28

Bromochloromethane
Concen: 50.601 ug/l
RT: 7.54 min Scan# 955
Delta R.T. -0.00 min
Lab File: VD066162.D
Acq: 10 Aug 2020 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	93911		
129	2.3	0.0	6.0	
130	89.2	73.8	110.6	





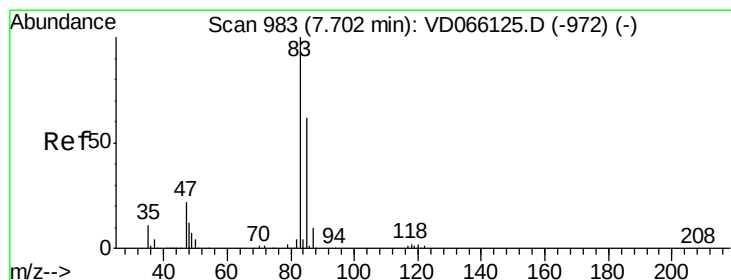
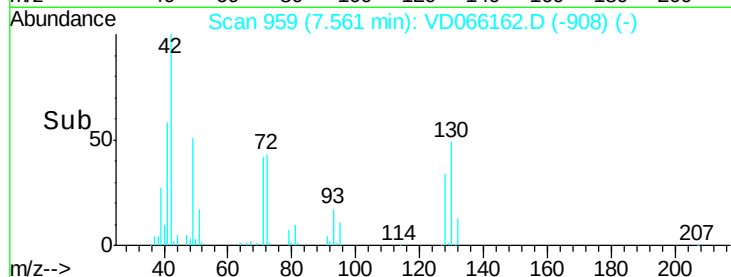
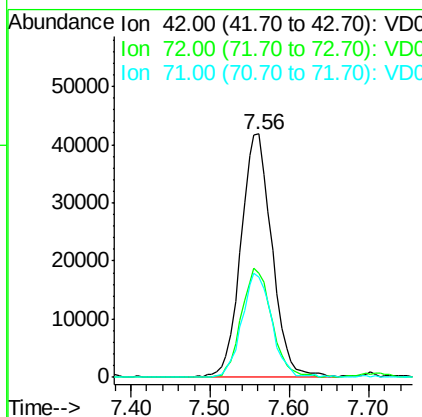
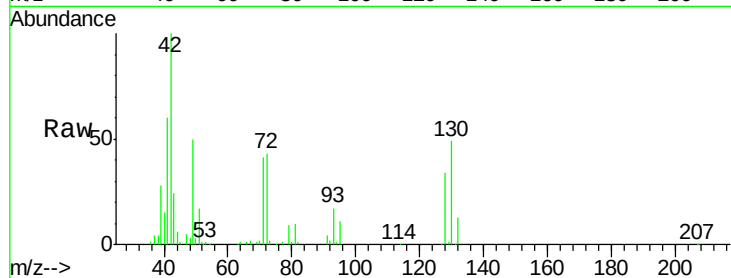
#29
Tetrahydrofuran
Concen: 229.727 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066162.D
Acq: 10 Aug 2020 14:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.8	34.8	52.2
71	40.8	33.5	50.3

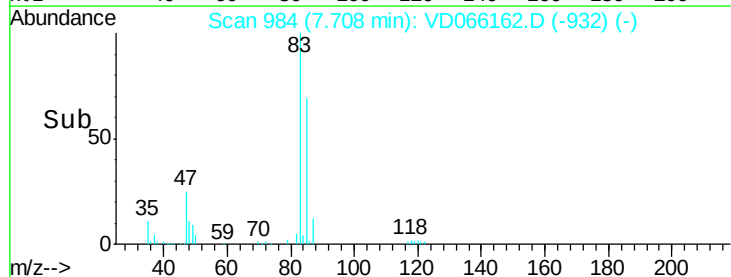
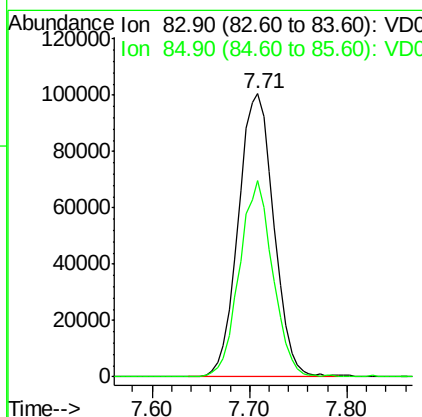
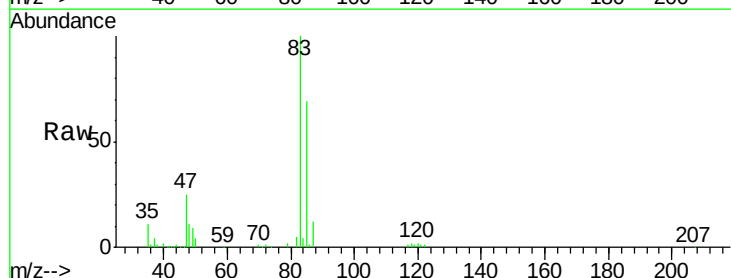
Manual Integrations
APPROVED

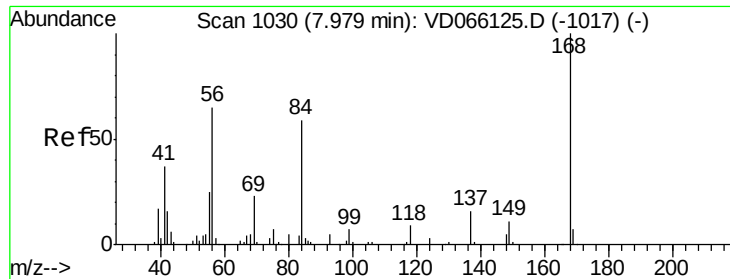
MMDadoda
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#30
Chloroform
Concen: 46.143 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.01 min
Lab File: VD066162.D
Acq: 10 Aug 2020 14:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	69.3	49.5	74.3





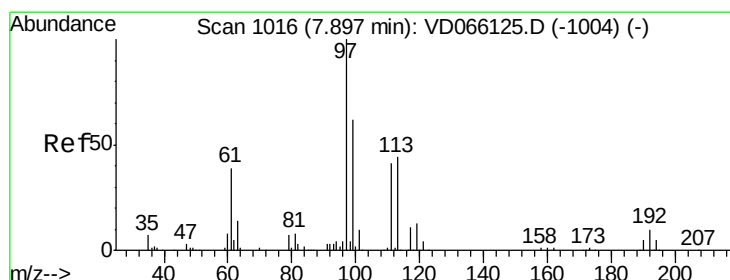
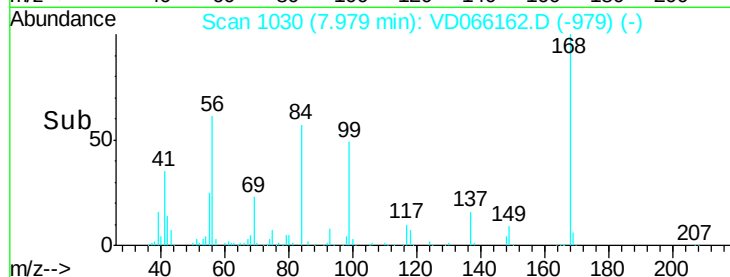
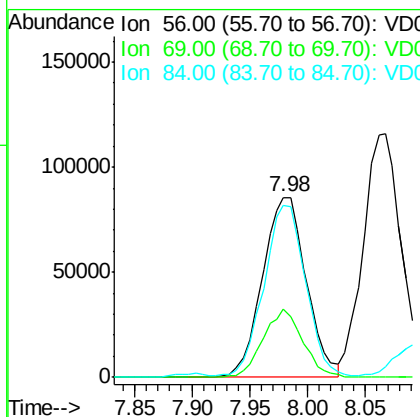
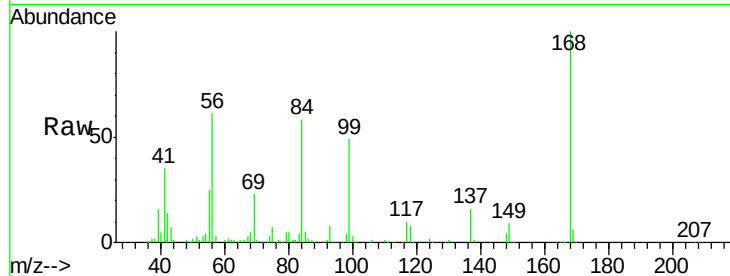
#31
Cyclohexane
Concen: 44.988 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066162.D
Acq: 10 Aug 2020 14:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.6	28.8	43.2
84	93.6	73.0	109.6

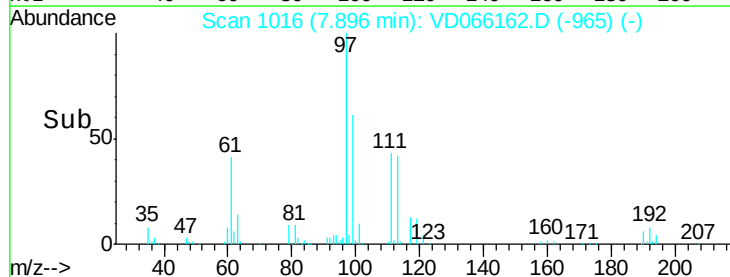
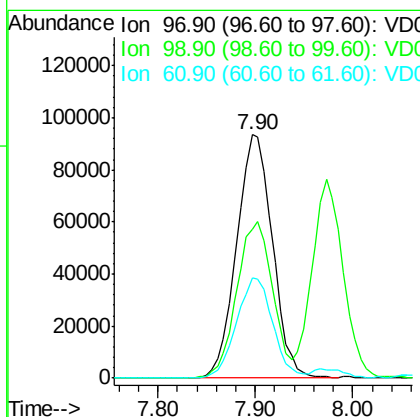
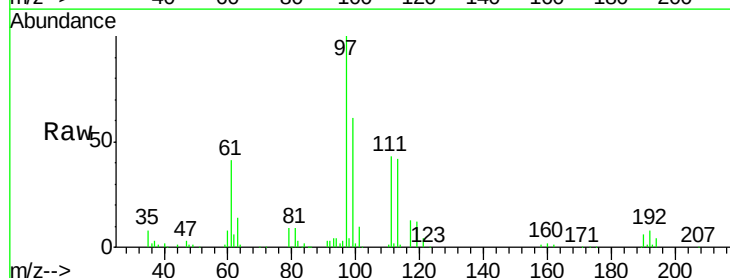
Manual Integrations
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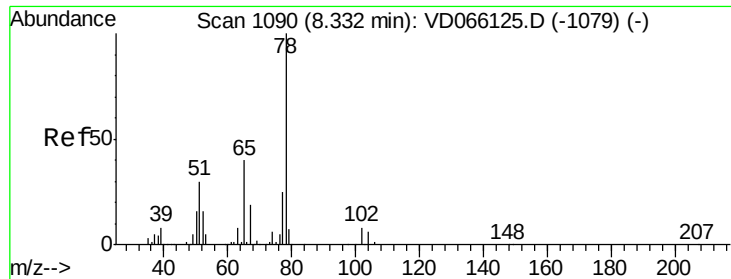
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#32
1,1,1-Trichloroethane
Concen: 45.866 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VD066162.D
Acq: 10 Aug 2020 14:04

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.1	76.7
61	41.6	32.7	49.1





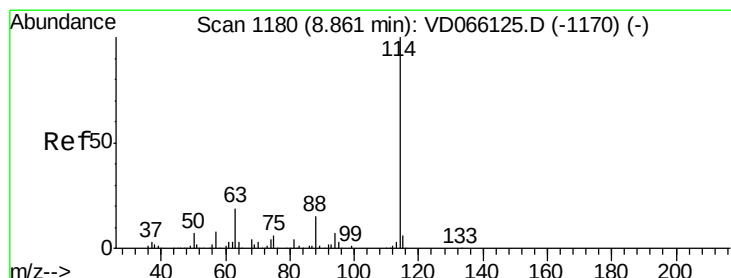
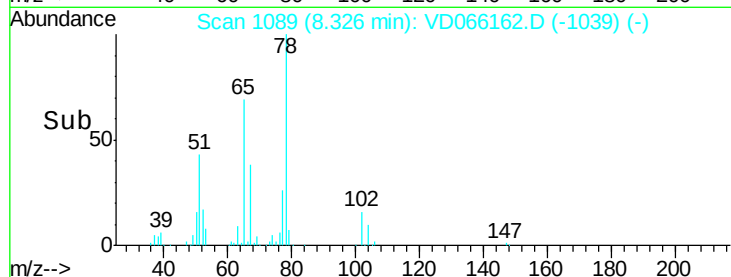
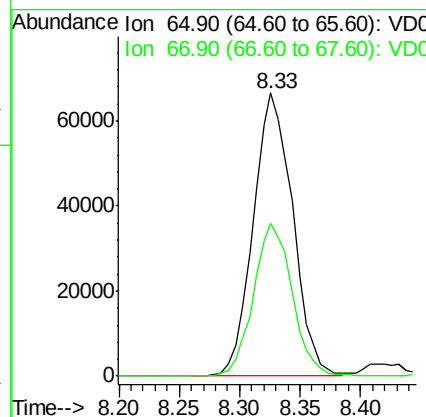
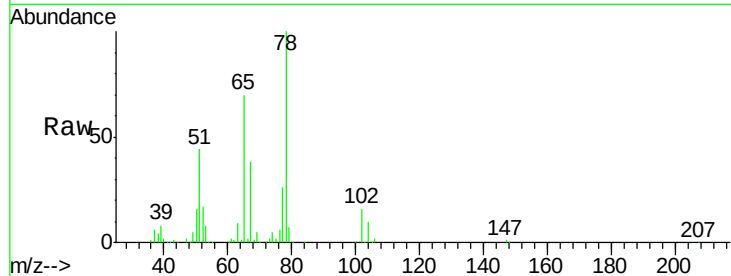
#33
 1,2-Dichloroethane-d4
 Concen: 52.464 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066162.D
 Acq: 10 Aug 2020 14:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	150629		
67	52.7	0.0	104.6	

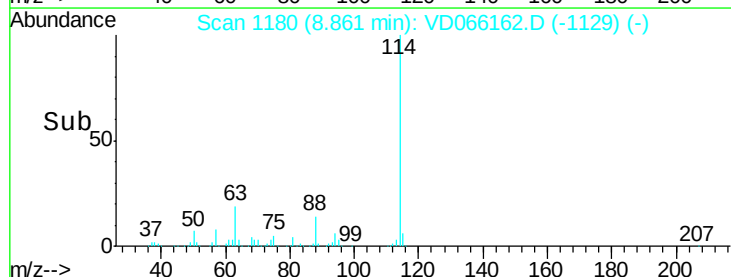
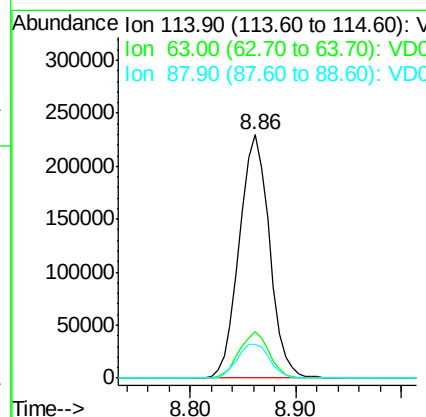
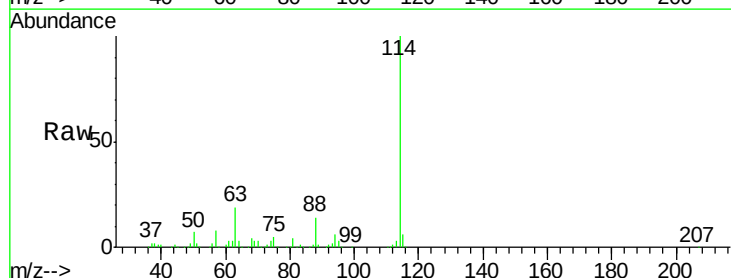
Manual Integrations
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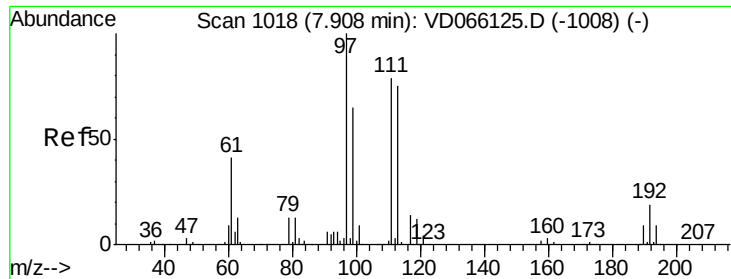
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066162.D
 Acq: 10 Aug 2020 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	455795		
63	19.0	0.0	38.6	
88	13.7	0.0	30.0	





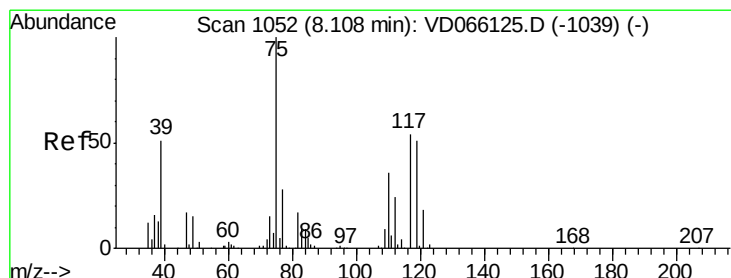
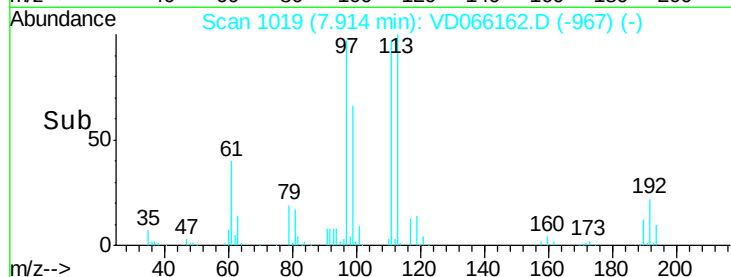
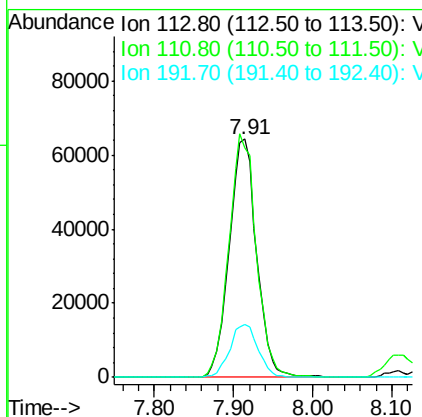
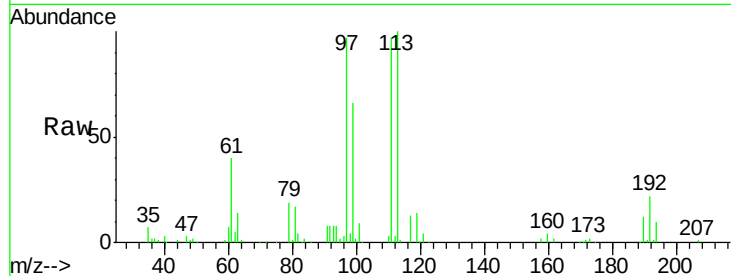
#35
 Dibromofluoromethane
 Concen: 53.250 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066162.D
 Acq: 10 Aug 2020 14:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	153755		
111	101.9	80.7	121.1	
192	22.9	18.4	27.6	

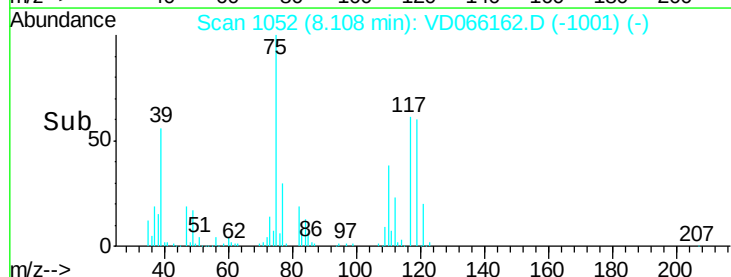
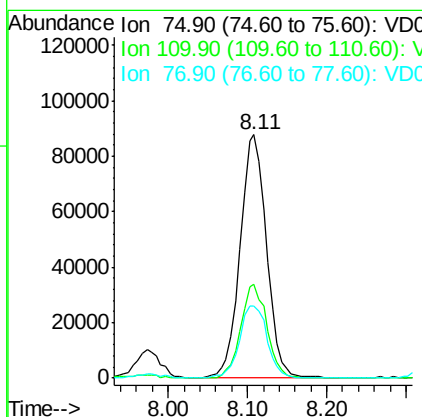
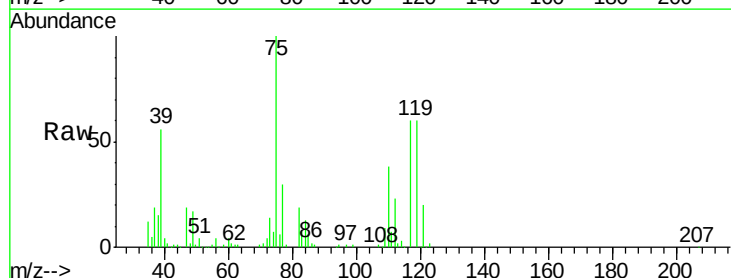
Manual Integrations
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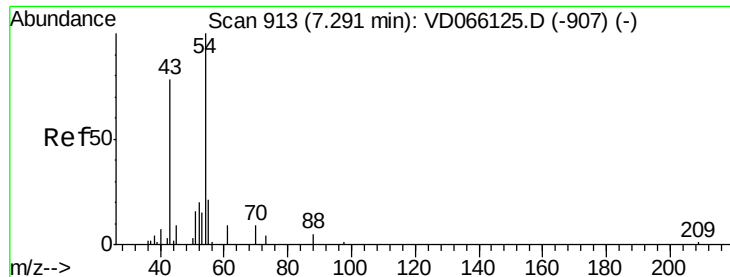
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#36
 1,1-Dichloropropene
 Concen: 47.581 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066162.D
 Acq: 10 Aug 2020 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	203794		
110	37.8	18.8	56.3	
77	30.9	24.2	36.2	





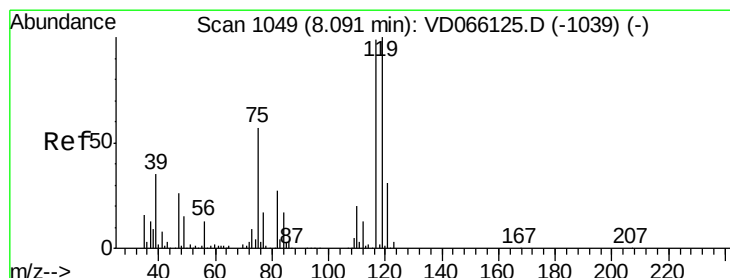
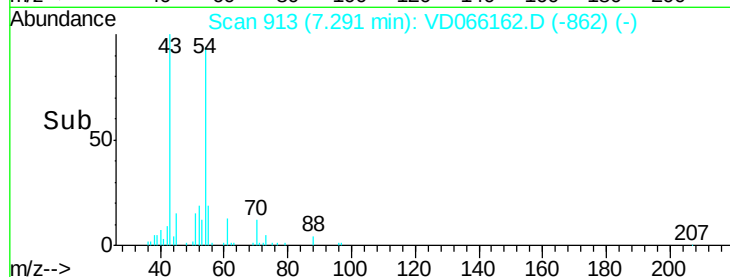
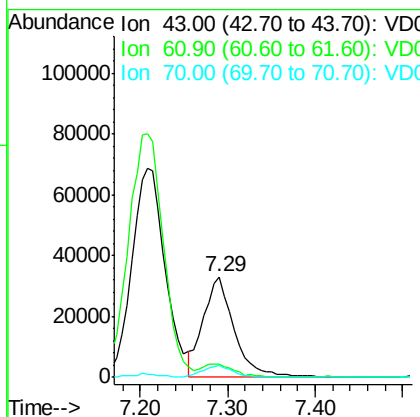
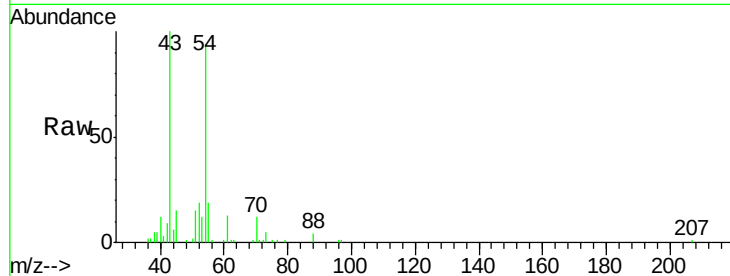
#37
Ethyl Acetate
Concen: 47.545 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066162.D
Acq: 10 Aug 2020 14:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	12.0	18.0
70	11.0	9.7	14.5

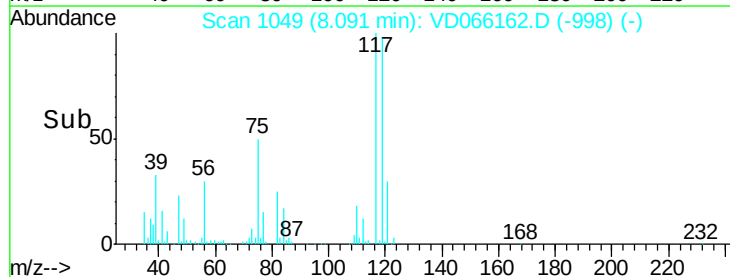
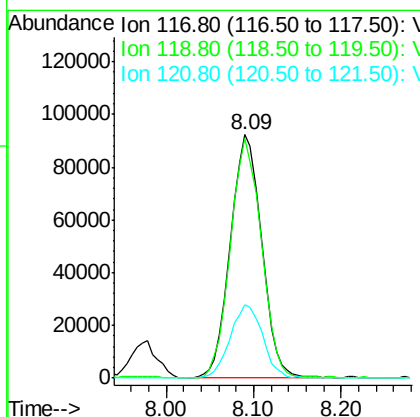
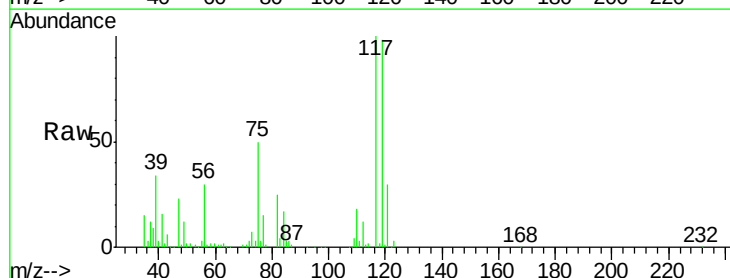
Manual Integrations
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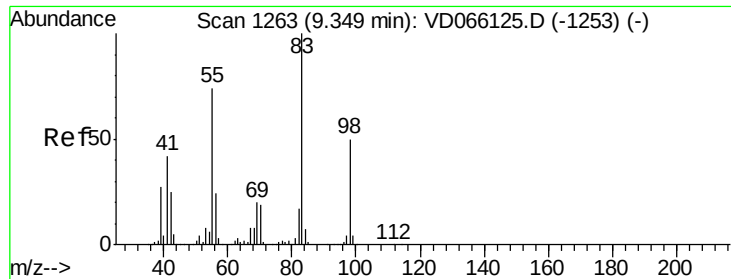
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#38
Carbon Tetrachloride
Concen: 46.841 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066162.D
Acq: 10 Aug 2020 14:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.5	81.0	121.4
121	30.2	24.8	37.2





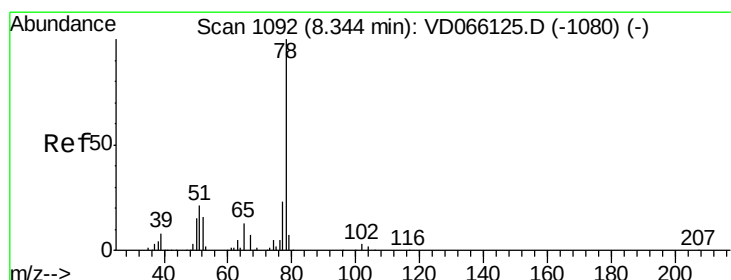
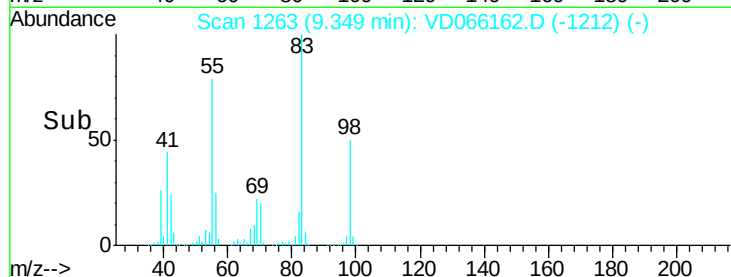
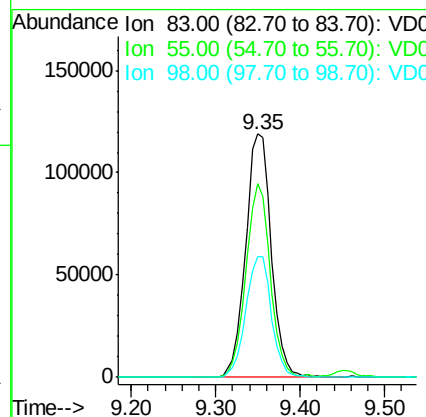
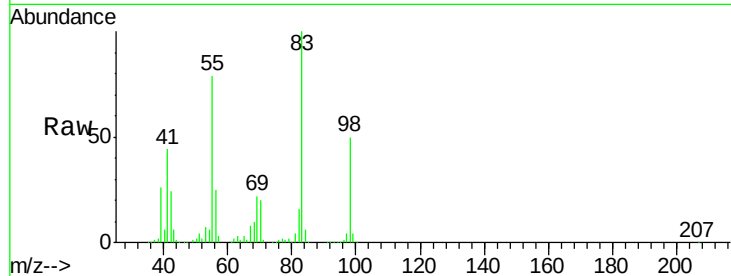
#39
Methylvlcyclohexane
Concen: 48.361 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066162.D
Acq: 10 Aug 2020 14:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	250395		
55	79.4		59.2	88.8
98	49.8		39.8	59.6

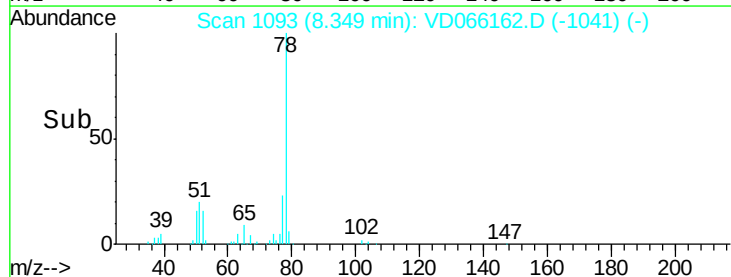
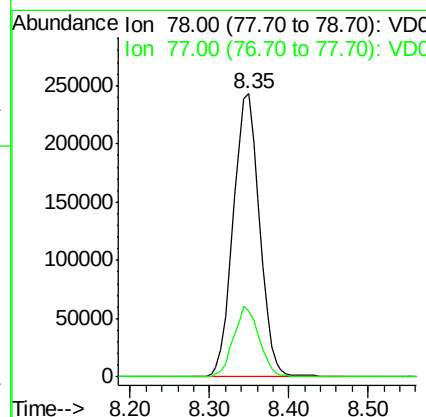
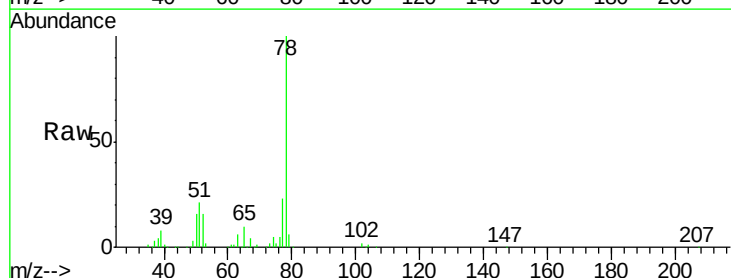
Manual Integrations
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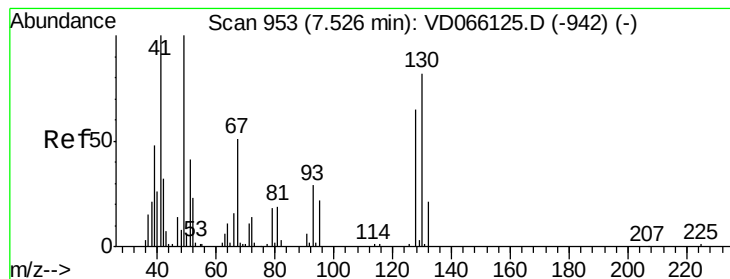
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#40
Benzene
Concen: 46.997 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066162.D
Acq: 10 Aug 2020 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	558401		
77	23.4		18.6	27.8





#41

Methacrylonitrile

Concen: 46.066 ug/l

RT: 7.52 min Scan# 952

Delta R.T. -0.01 min

Lab File: VD066162.D

Acq: 10 Aug 2020 14:04

Instrument :

MSVOA_D

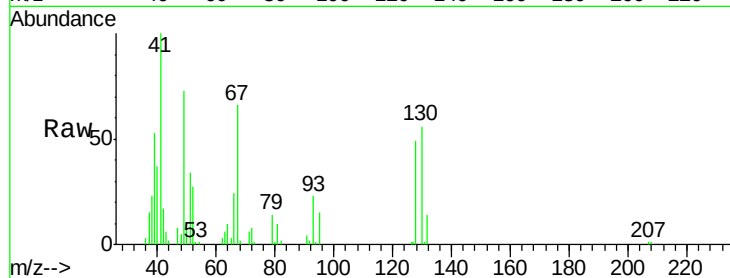
ClientSampleId :

VSTDCCC050

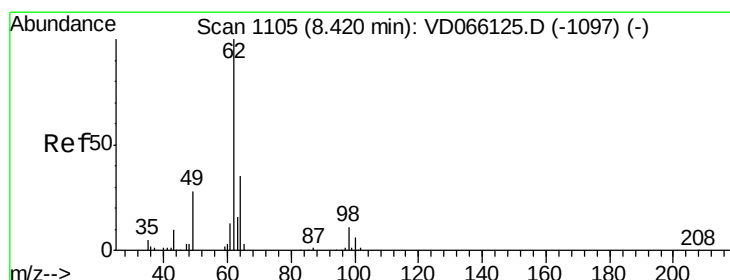
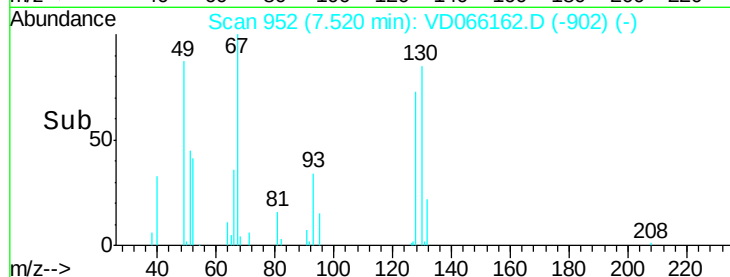
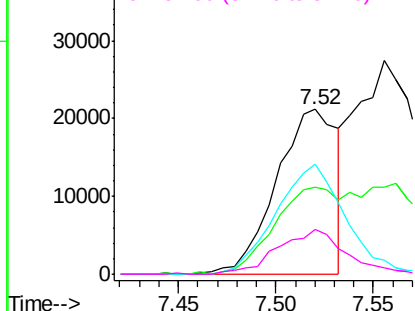
Tot Ion:	41	Resp:	45964
Ion	Ratio	Lower	Upper
41	100		
39	54.9	47.5	71.3
67	75.9	59.1	88.7
52	30.5	25.4	38.0

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



#42

1,2-Dichloroethane

Concen: 46.162 ug/l

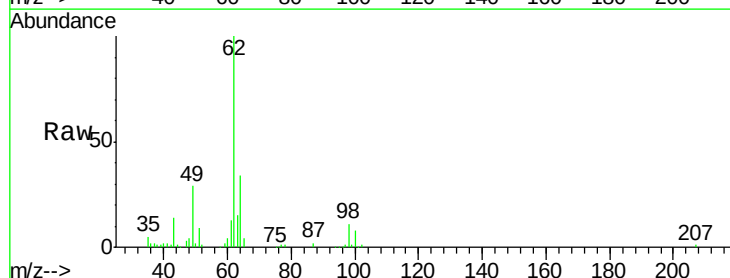
RT: 8.42 min Scan# 1105

Delta R.T. -0.00 min

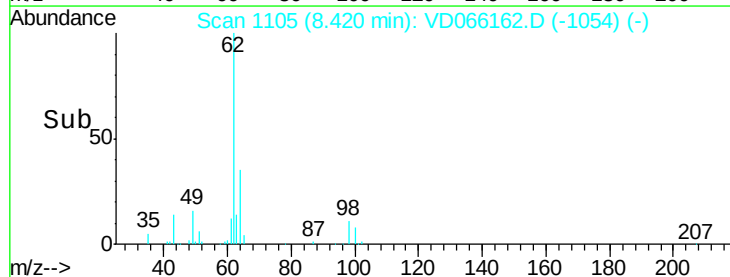
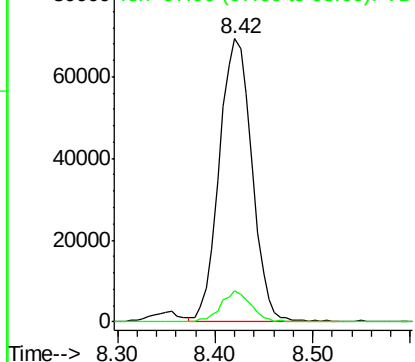
Lab File: VD066162.D

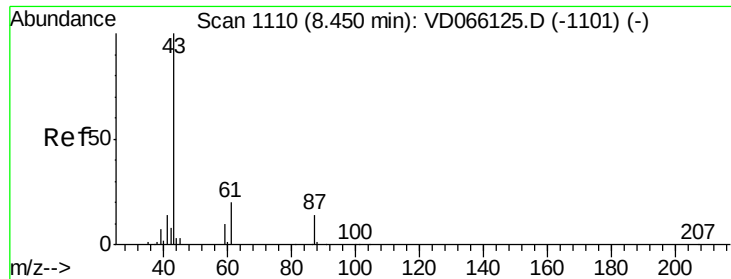
Acq: 10 Aug 2020 14:04

Tgt Ion:	62	Resp:	161128
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.4



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





#43

Isopropyl Acetate

Concen: 48.868 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066162.D

Acq: 10 Aug 2020 14:04

Instrument :

MSVOA_D

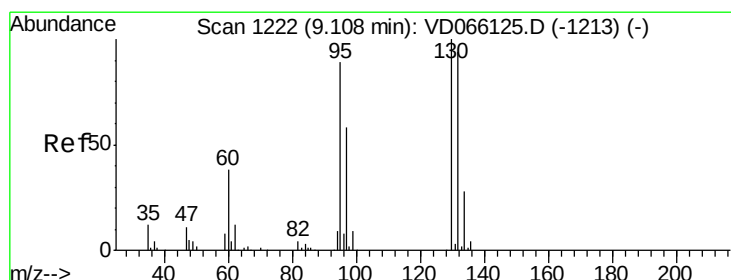
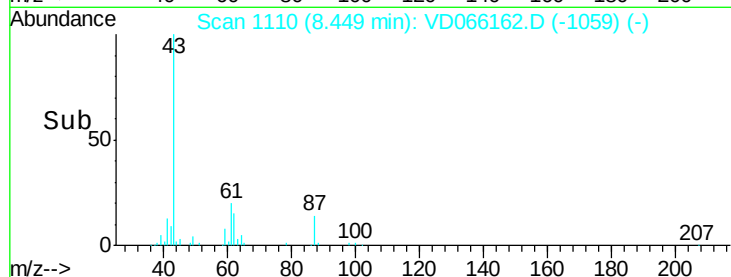
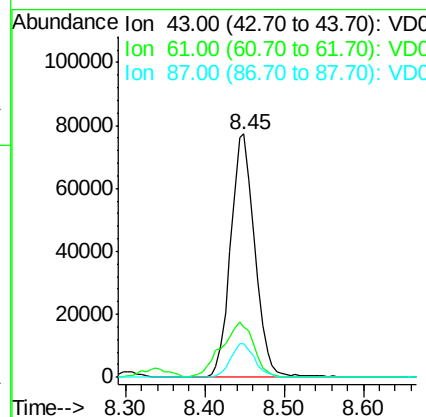
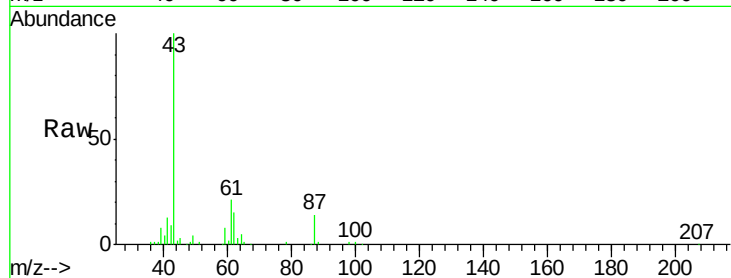
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	163397
Ion	Ratio	Lower	Upper
43	100		
61	30.4	25.5	38.3
87	13.6	11.2	16.8

Manual Integrations
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#44

Trichloroethene

Concen: 47.102 ug/l

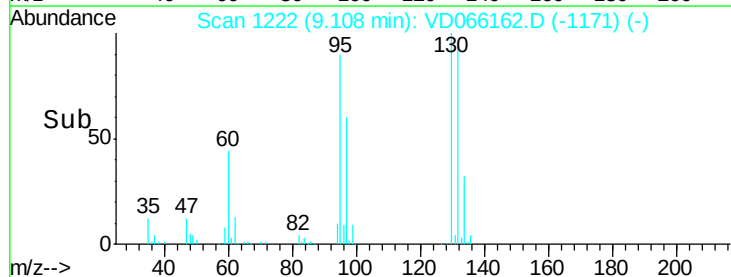
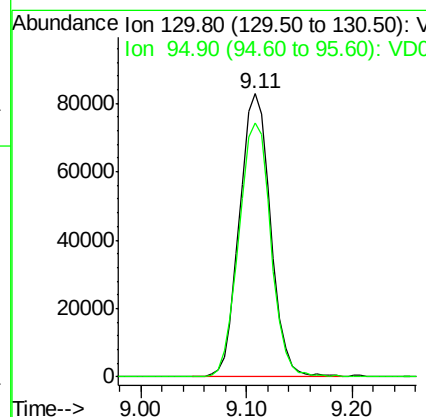
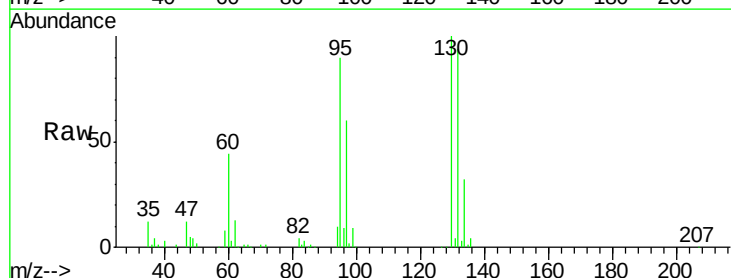
RT: 9.11 min Scan# 1222

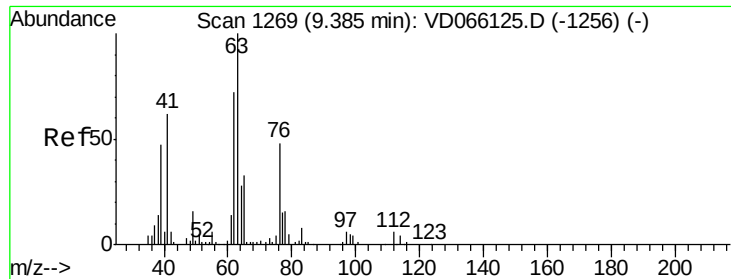
Delta R.T. -0.00 min

Lab File: VD066162.D

Acq: 10 Aug 2020 14:04

Tgt Ion:	130	Resp:	168642
Ion	Ratio	Lower	Upper
130	100		
95	89.5	0.0	178.4





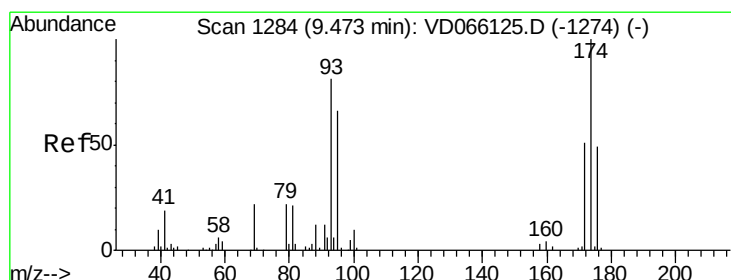
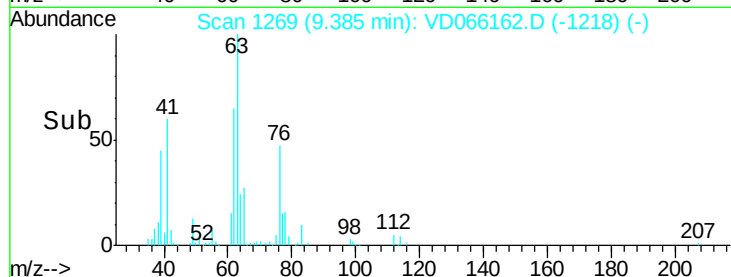
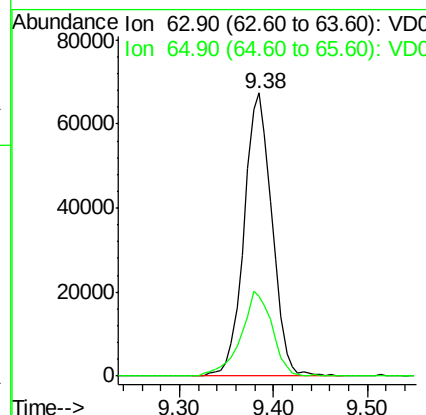
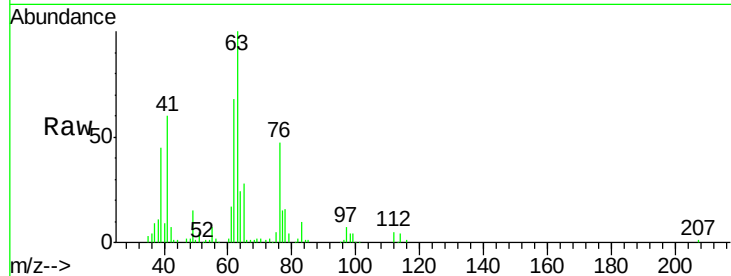
#45
 1,2-Dichloropropane
 Concen: 47.619 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VD066162.D
 Acq: 10 Aug 2020 14:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.1	26.5	39.7

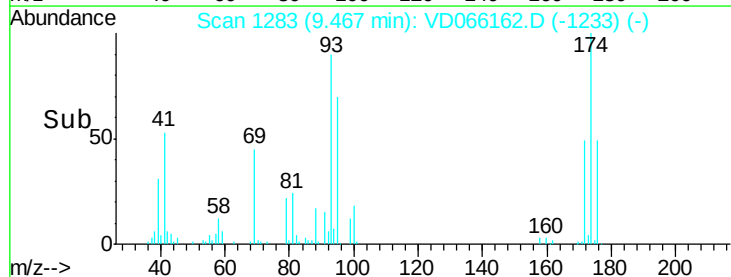
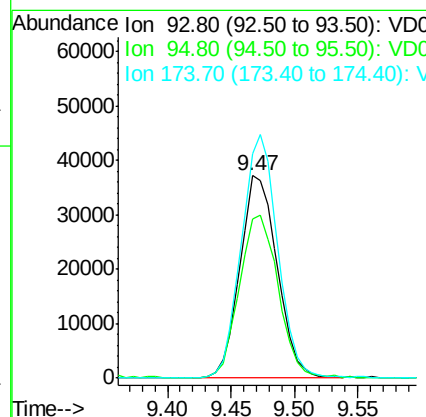
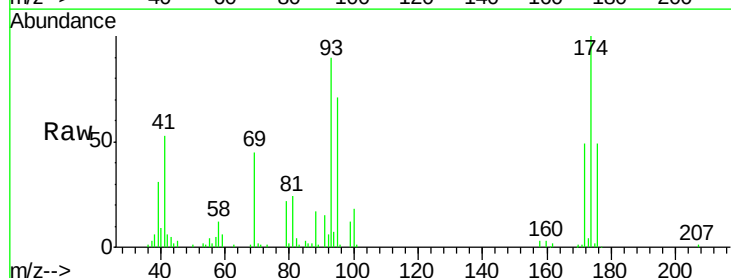
Manual Integrations
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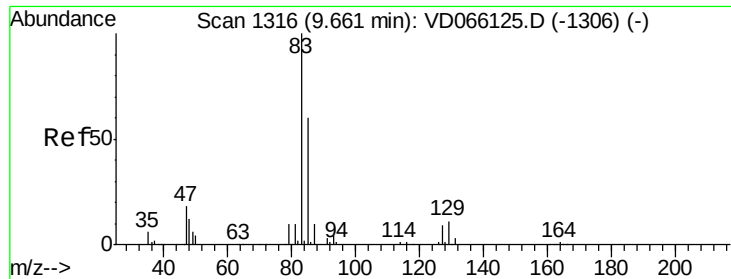
MMDadoda
 8/11/2020 3:19:23 PM



#46
 Dibromomethane
 Concen: 47.510 ug/l
 RT: 9.47 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: VD066162.D
 Acq: 10 Aug 2020 14:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.0	65.8	98.6
174	117.2	92.8	139.2





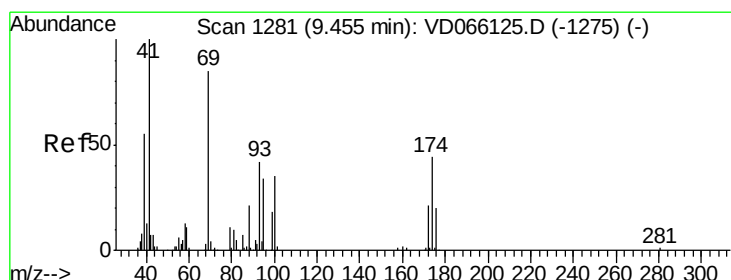
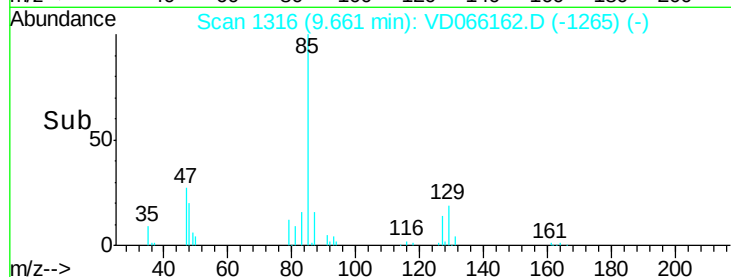
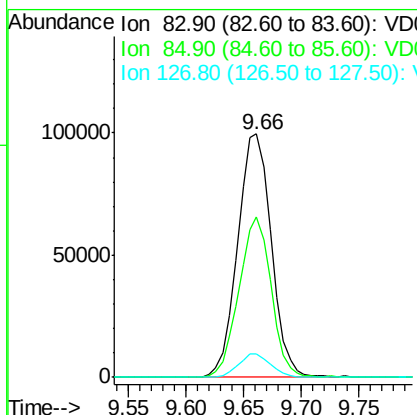
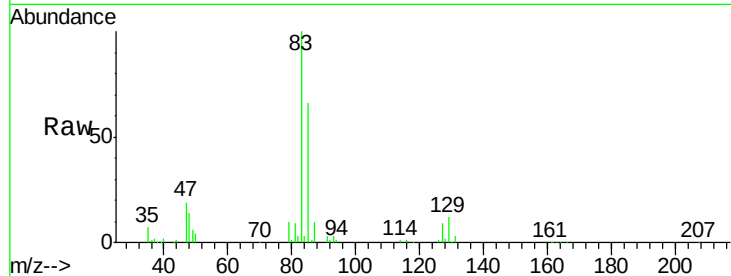
#47
Bromodichloromethane
Concen: 47.684 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VD066162.D
Acq: 10 Aug 2020 14:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	201730		
85	65.9	48.2	72.4	
127	9.4	7.3	10.9	

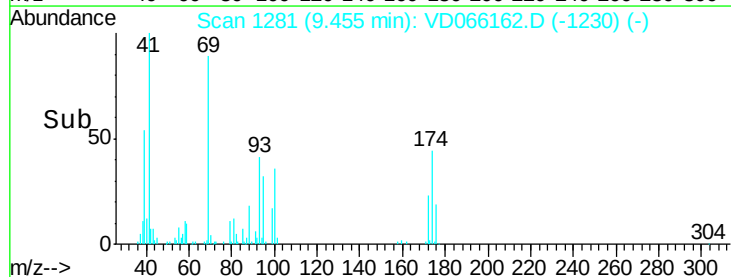
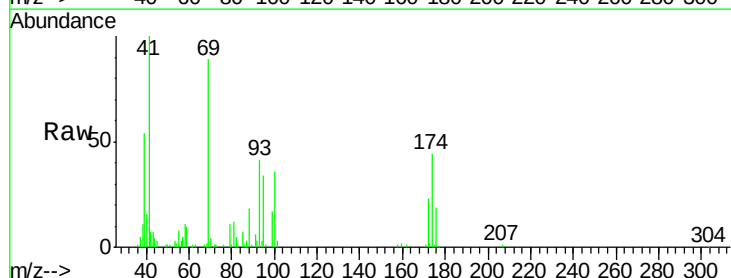
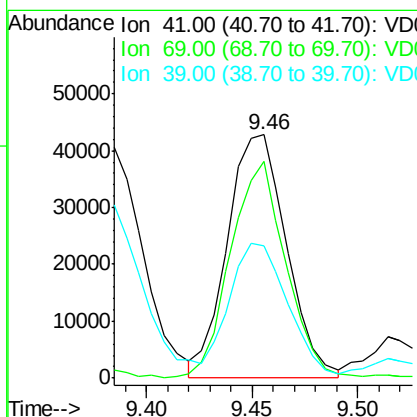
Manual Integrations
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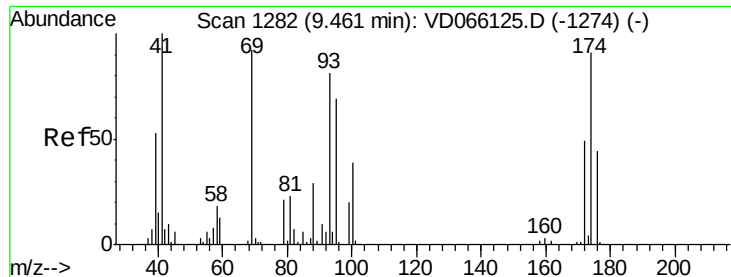
MMDadoda
8/11/2020 3:19:23 PM



#48
Methyl methacrylate
Concen: 48.789 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VD066162.D
Acq: 10 Aug 2020 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	83298		
69	83.0	63.9	95.9	
39	51.4	42.6	64.0	





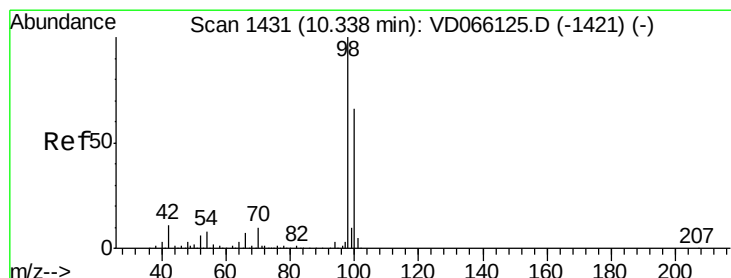
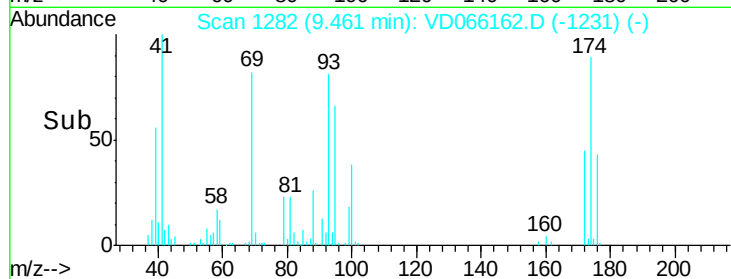
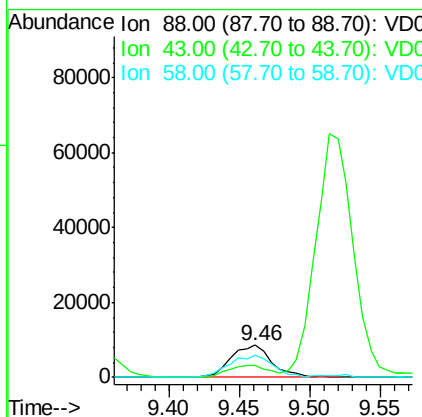
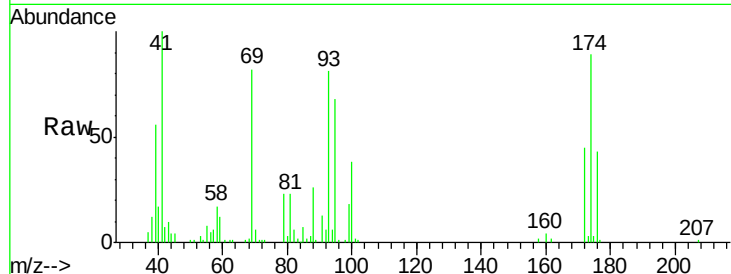
#49
1,4-Dioxane
Concen: 849.717 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VD066162.D
Acq: 10 Aug 2020 14:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	17474
Ion Ratio	Lower	Upper	
88	100		
43	37.6	27.5	41.3
58	73.0	50.2	75.4

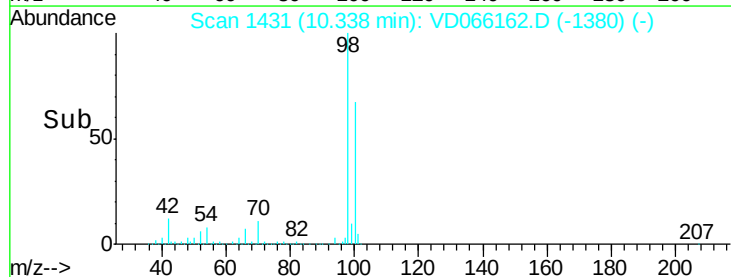
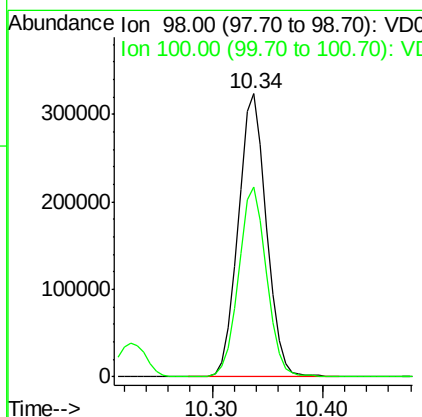
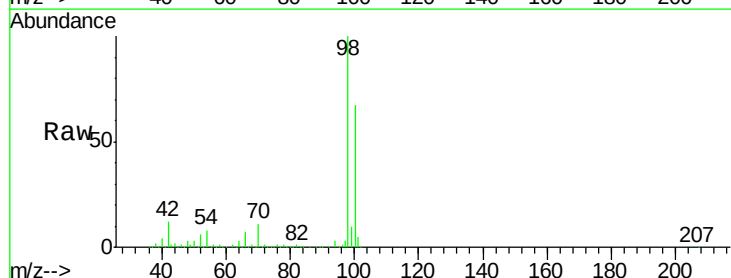
Manual Integrations
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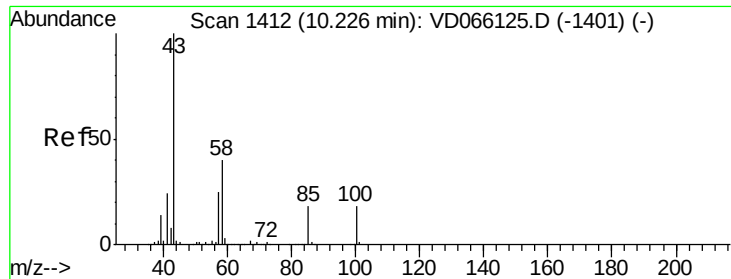
MMDadoda
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#50
Toluene-d8
Concen: 54.686 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066162.D
Acq: 10 Aug 2020 14:04

Tgt Ion	98	Resp	582692
Ion Ratio	Lower	Upper	
98	100		
100	66.5	52.6	78.8





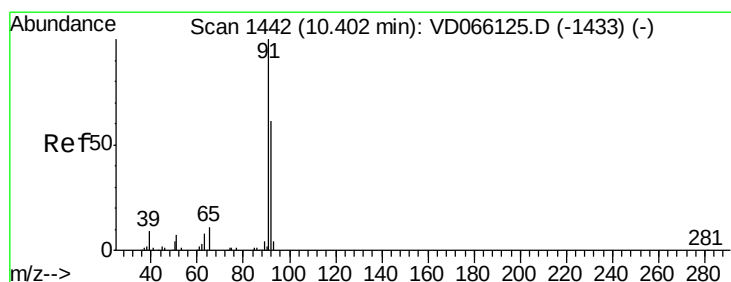
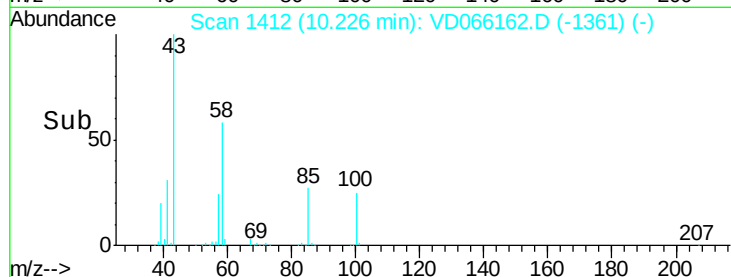
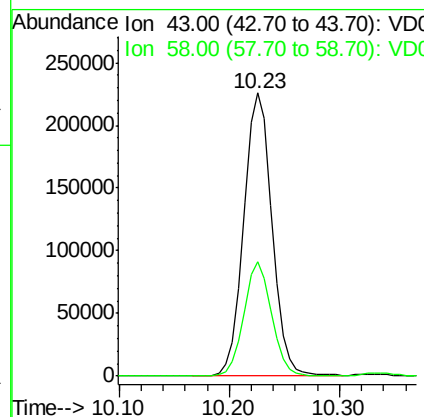
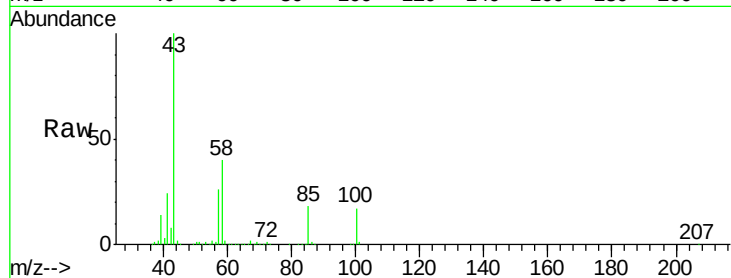
#51
4-Methyl-2-Pentanone
Concen: 237.659 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. -0.00 min
Lab File: VD066162.D
Acq: 10 Aug 2020 14:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 408176
Ion Ratio Lower Upper
43 100
58 39.4 31.1 46.7

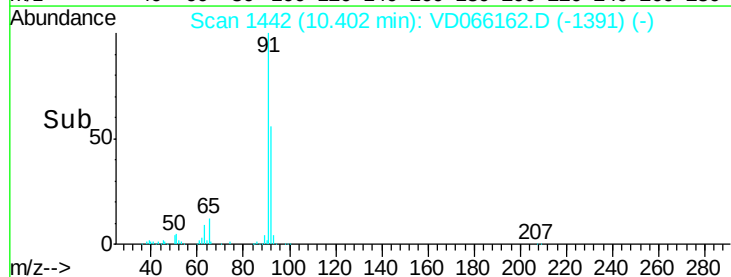
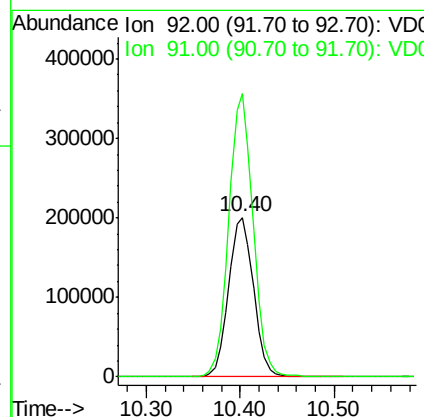
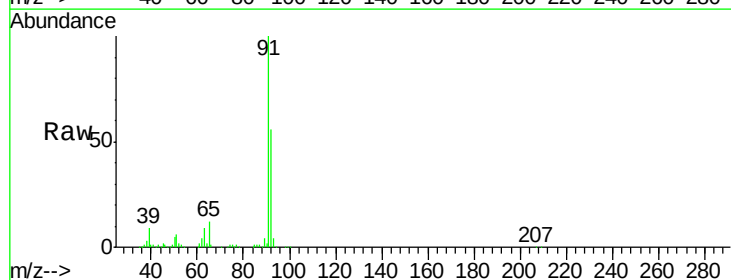
Manual Integrations
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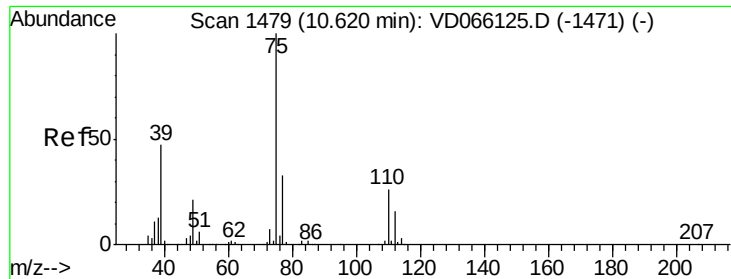
MMDadoda
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#52
Toluene
Concen: 47.317 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. -0.00 min
Lab File: VD066162.D
Acq: 10 Aug 2020 14:04

Tgt Ion: 92 Resp: 369941
Ion Ratio Lower Upper
92 100
91 172.7 135.2 202.8





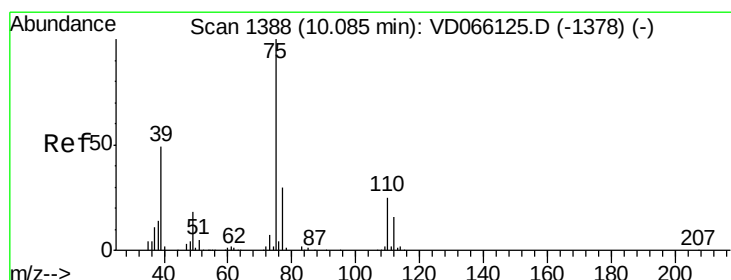
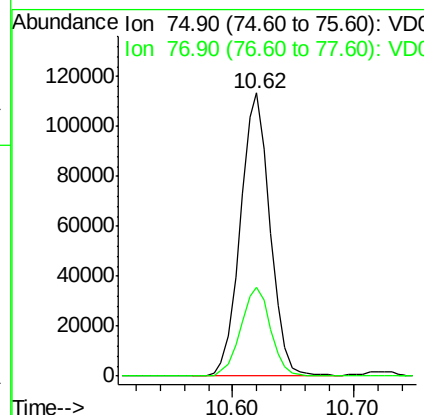
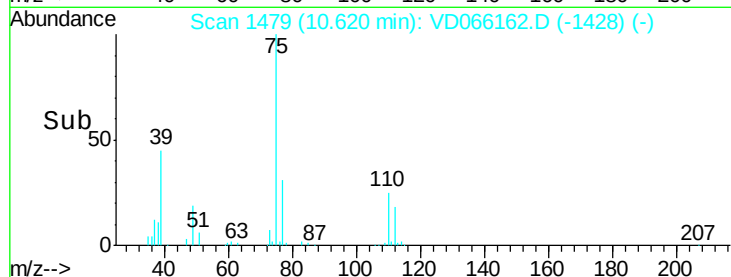
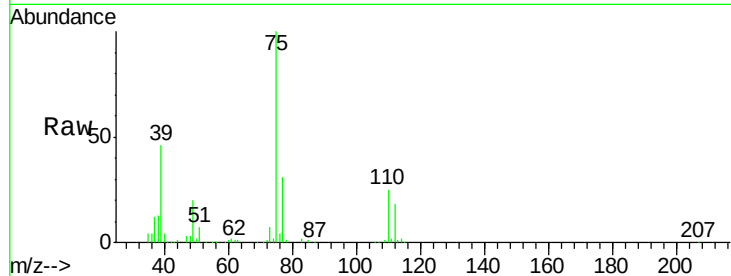
#53
 t-1,3-Dichloropropene
 Concen: 48.312 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: VD066162.D
 Acq: 10 Aug 2020 14:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 193962
 Ion Ratio Lower Upper
 75 100
 77 31.5 26.2 39.2

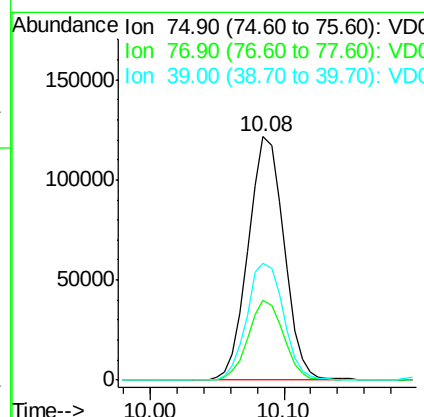
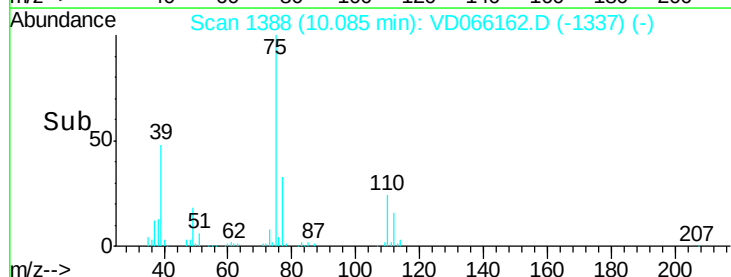
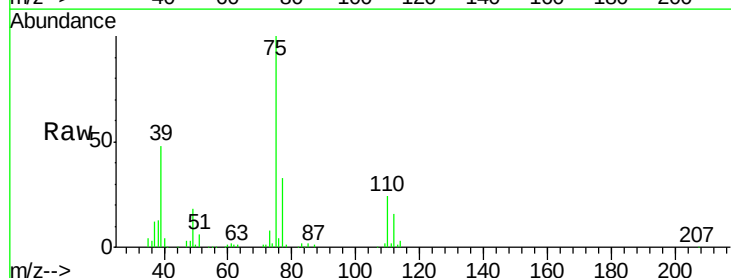
Manual Integrations
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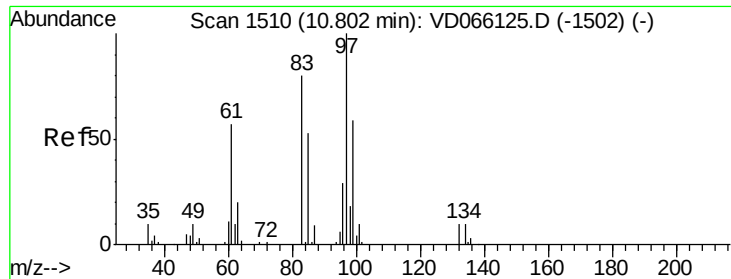
MMDadoda
 8/11/2020 3:19:23 PM



#54
 cis-1,3-Dichloropropene
 Concen: 47.966 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VD066162.D
 Acq: 10 Aug 2020 14:04

Tgt Ion: 75 Resp: 225628
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.3 36.5
 39 48.3 39.3 58.9





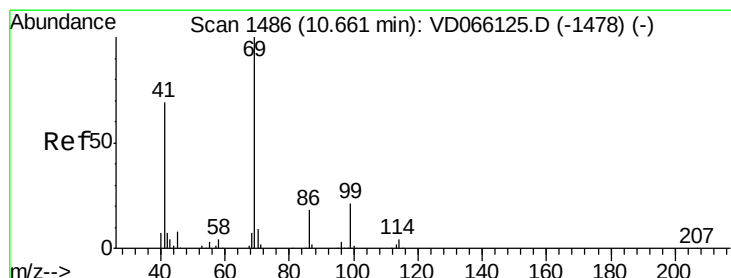
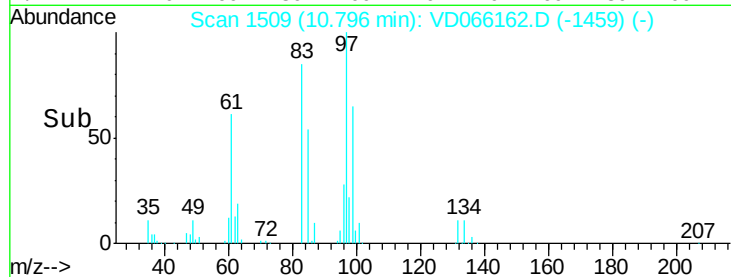
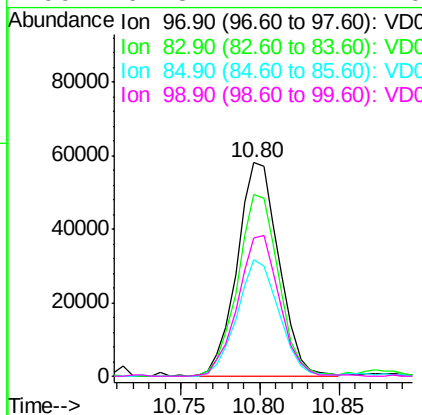
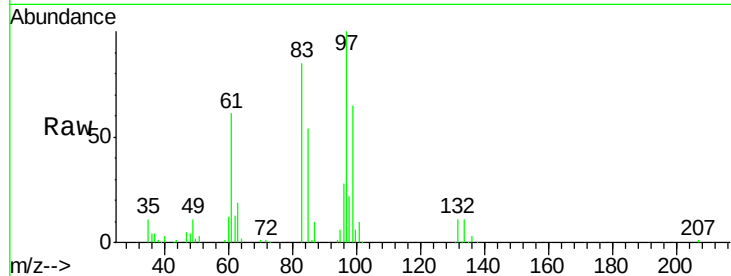
#55
 1,1,2-Trichloroethane
 Concen: 46.151 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066162.D
 Acq: 10 Aug 2020 14:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	106373
Ion	Ratio	Lower	Upper
97	100		
83	85.2	63.9	95.9
85	54.3	42.5	63.7
99	64.8	47.4	71.0

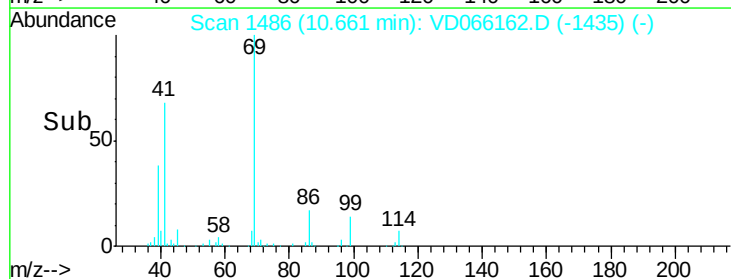
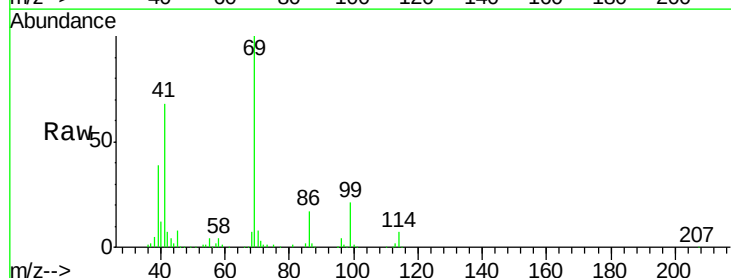
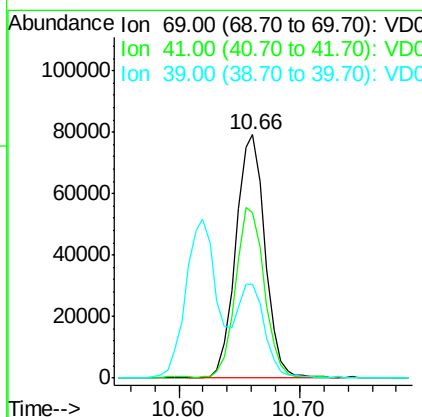
Manual Integrations
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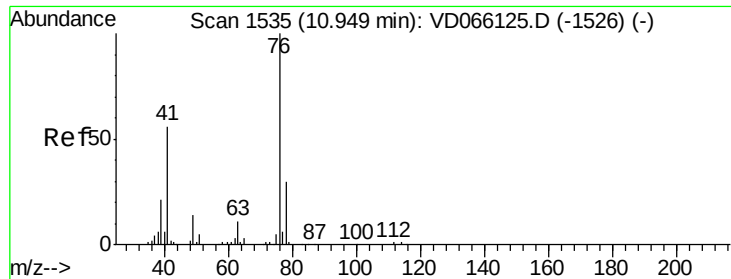
MMDadoda
 8/11/2020 3:19:23 PM



#56
 Ethyl methacrylate
 Concen: 48.382 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD066162.D
 Acq: 10 Aug 2020 14:04

Tgt Ion:	69	Resp:	133961
Ion	Ratio	Lower	Upper
69	100		
41	69.8	54.1	81.1
39	34.5	28.6	43.0





#57

1,3-Dichloropropane

Concen: 46.948 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.01 min

Lab File: VD066162.D

Acq: 10 Aug 2020 14:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 179642

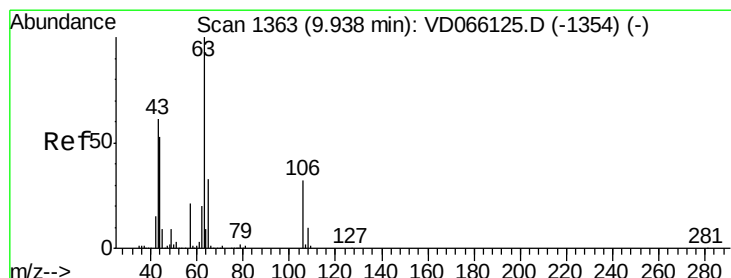
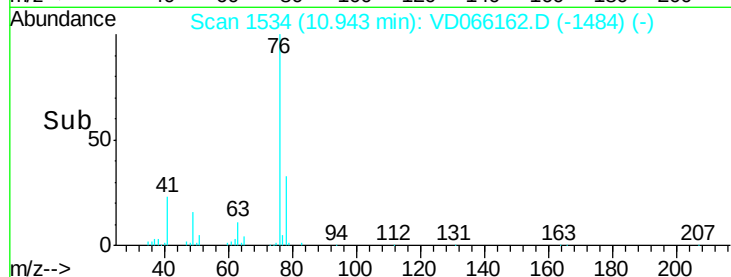
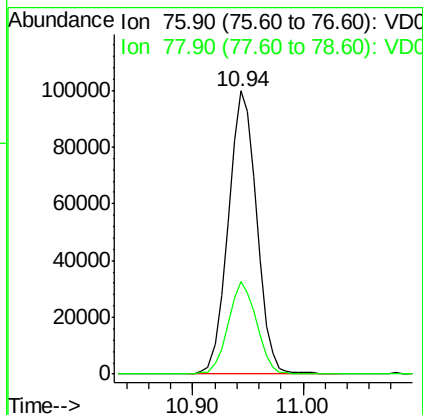
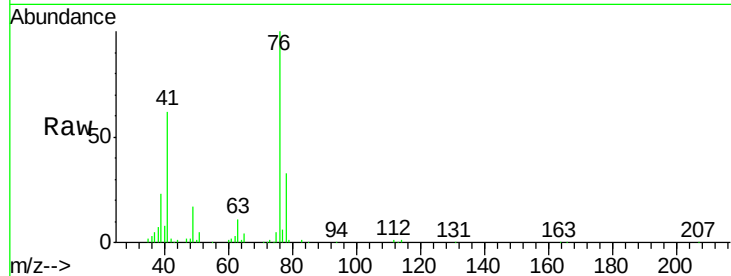
Ion Ratio Lower Upper

76 100

78 32.8 25.5 38.3

Manual Integrations
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MMDadoda
8/11/2020 3:19:23 PM



#58

2-Chloroethyl Vinyl ether

Concen: 290.147 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VD066162.D

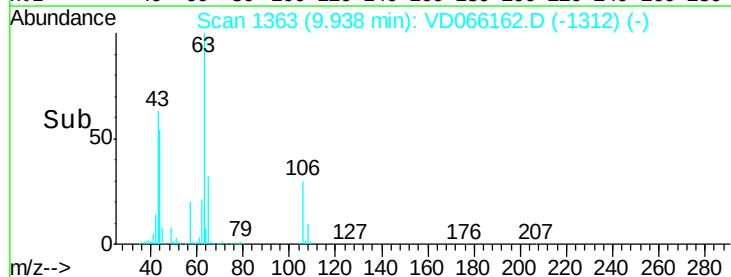
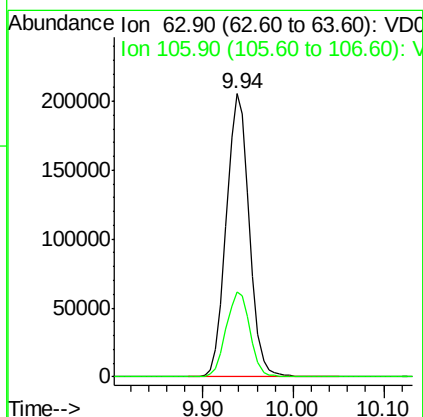
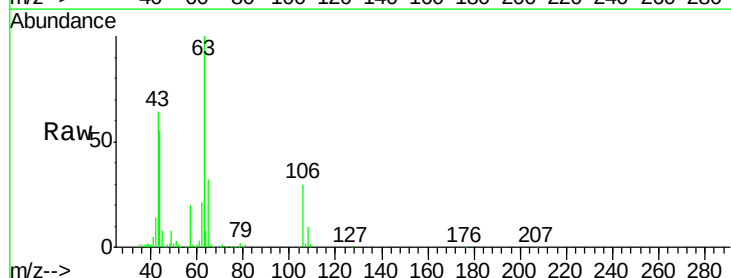
Acq: 10 Aug 2020 14:04

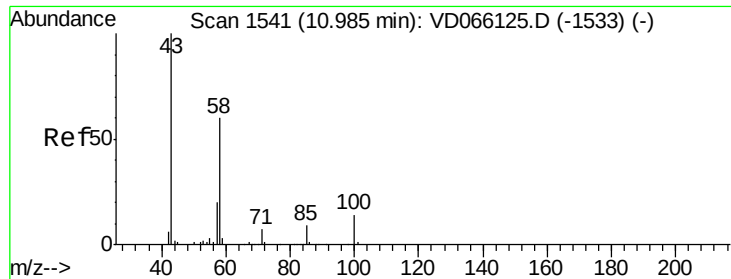
Tgt Ion: 63 Resp: 361365

Ion Ratio Lower Upper

63 100

106 31.3 25.3 37.9





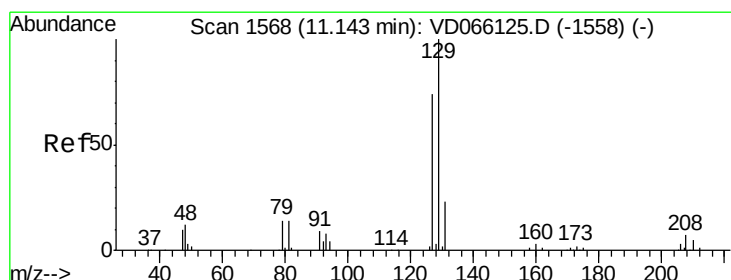
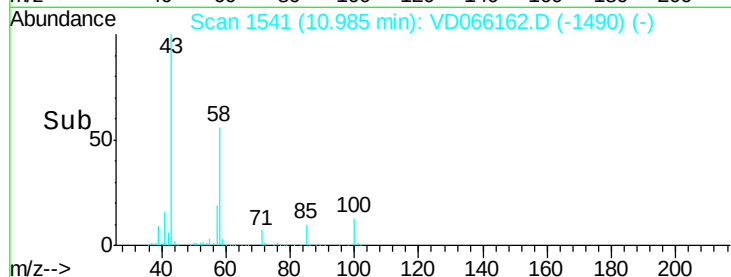
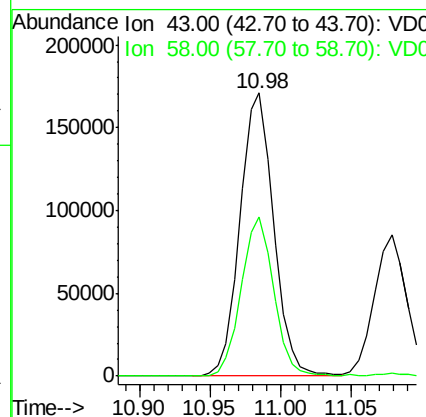
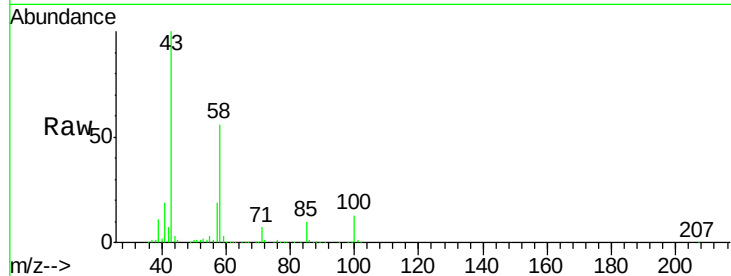
#59
2-Hexanone
Concen: 236.637 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066162.D
Acq: 10 Aug 2020 14:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 285233
Ion Ratio Lower Upper
43 100
58 54.5 27.8 83.4

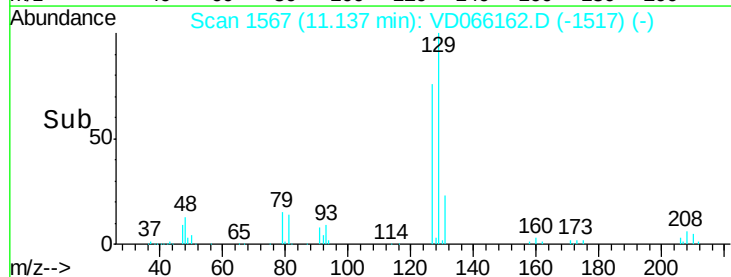
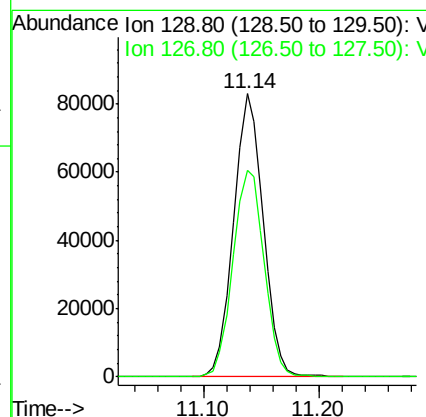
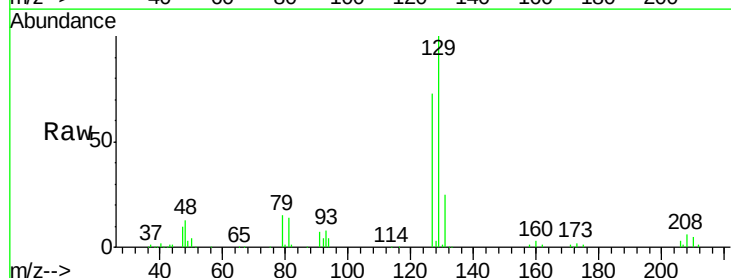
Manual Integrations
APPROVED

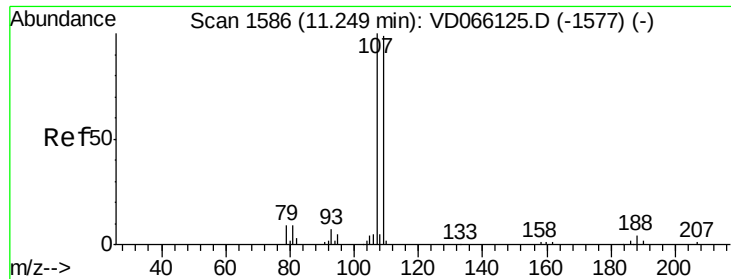
MMDadoda
8/11/2020 3:19:23 PM



#60
Dibromochloromethane
Concen: 46.405 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD066162.D
Acq: 10 Aug 2020 14:04

Tgt Ion: 129 Resp: 147664
Ion Ratio Lower Upper
129 100
127 77.0 38.0 114.1





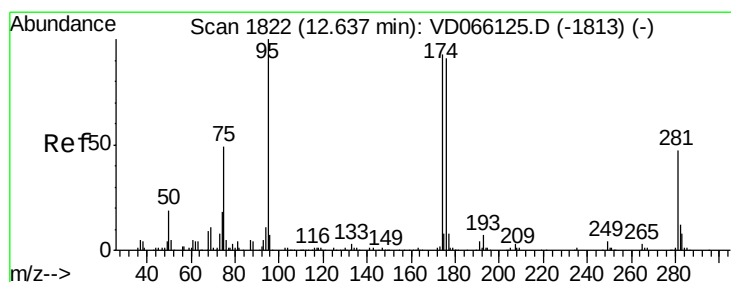
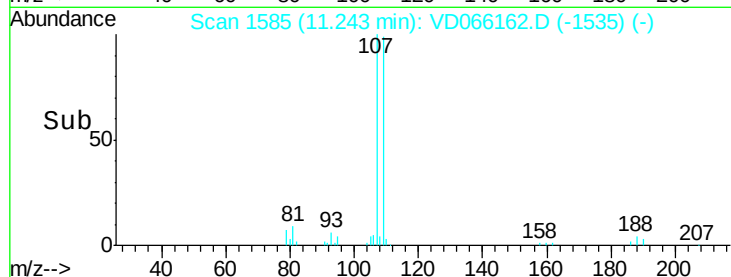
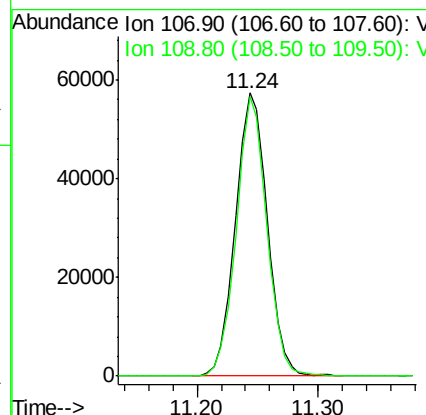
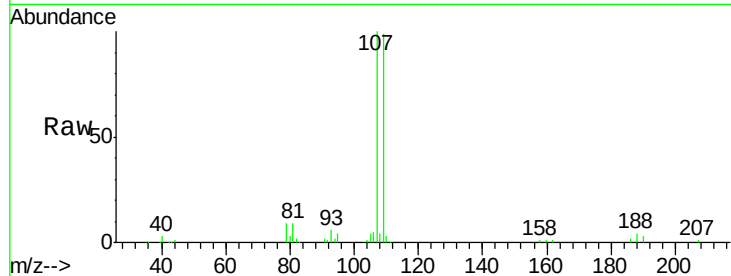
#61
 1,2-Dibromoethane
 Concen: 47.594 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: VD066162.D
 Acq: 10 Aug 2020 14:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.2	76.5	114.7

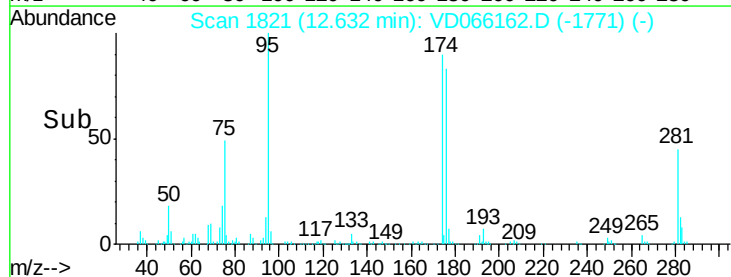
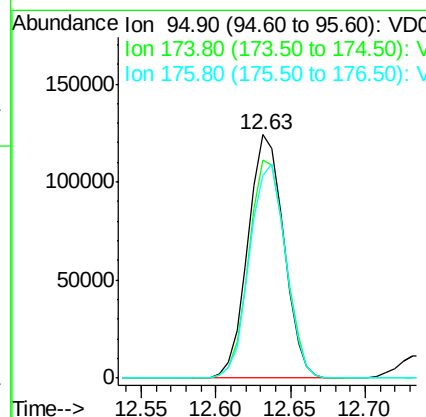
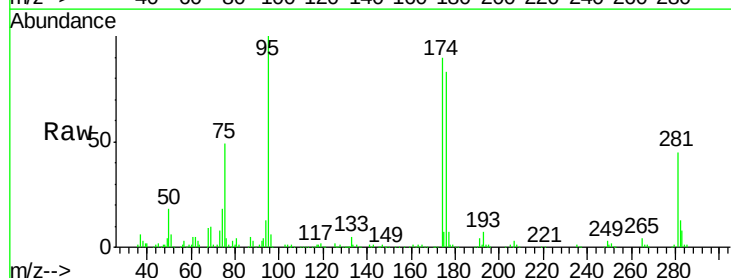
Manual Integrations
 APPROVED

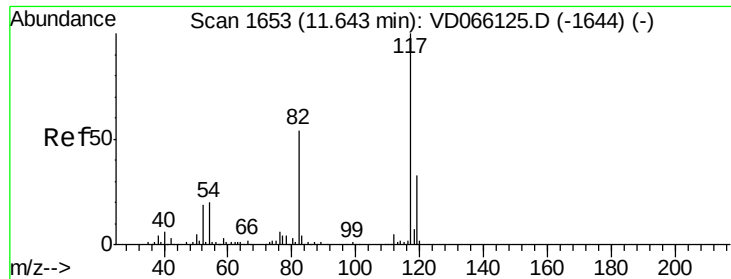
MMDadoda
 8/11/2020 3:19:23 PM



#62
 4-Bromofluorobenzene
 Concen: 53.788 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD066162.D
 Acq: 10 Aug 2020 14:04

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.3	0.0	180.8
176	88.4	0.0	181.2





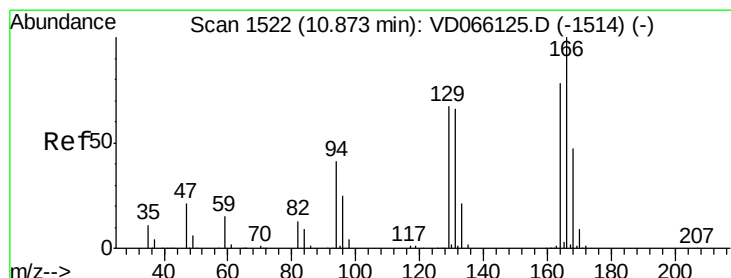
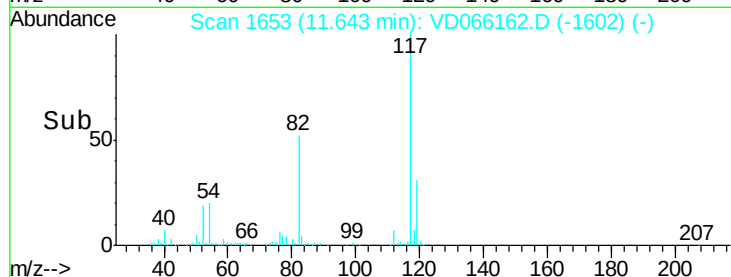
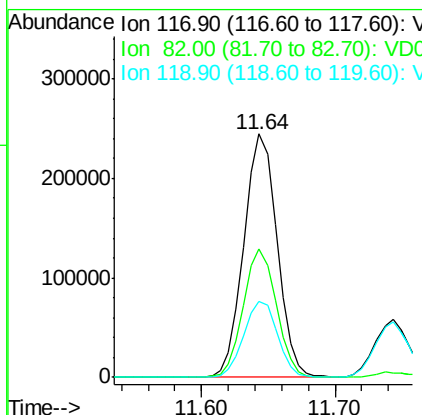
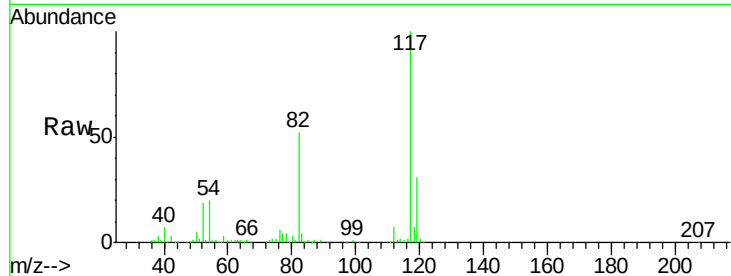
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066162.D
Acq: 10 Aug 2020 14:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	43.0	64.4
119	31.2	26.1	39.1

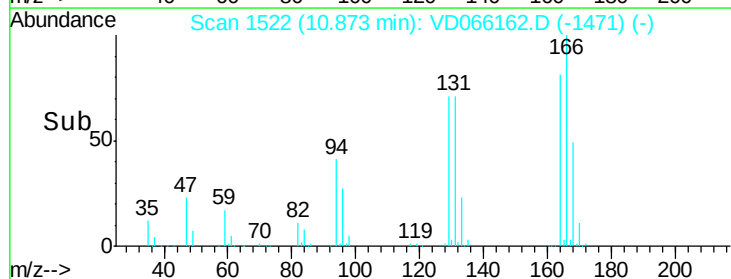
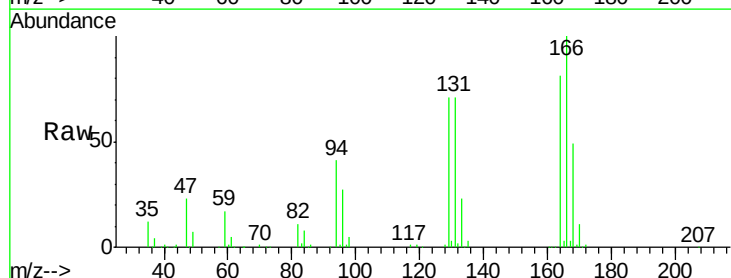
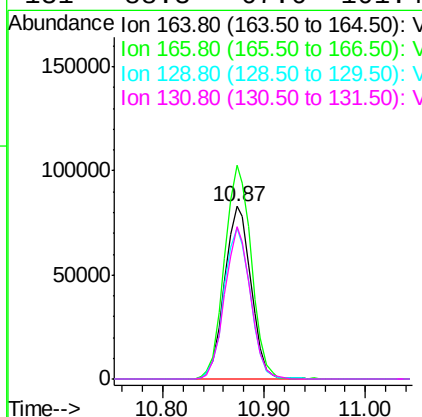
Manual Integrations
APPROVED

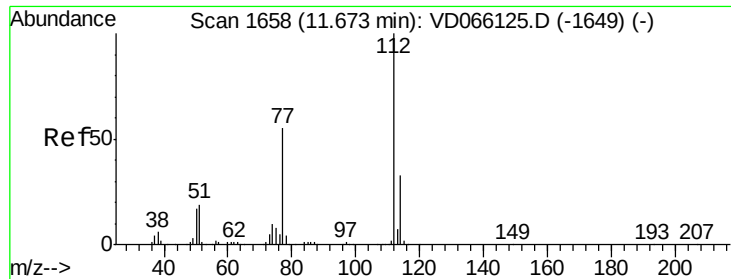
MMDadoda
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#64
Tetrachloroethene
Concen: 46.135 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066162.D
Acq: 10 Aug 2020 14:04

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.6	101.9	152.9
129	87.4	68.1	102.1
131	88.3	67.6	101.4





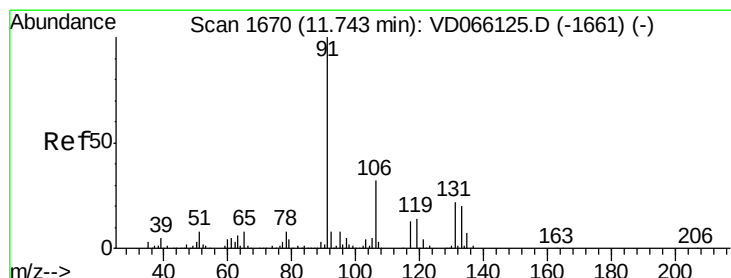
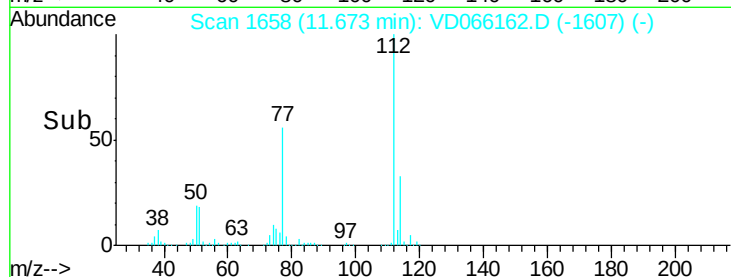
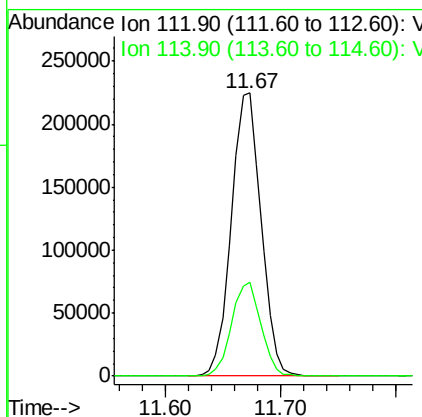
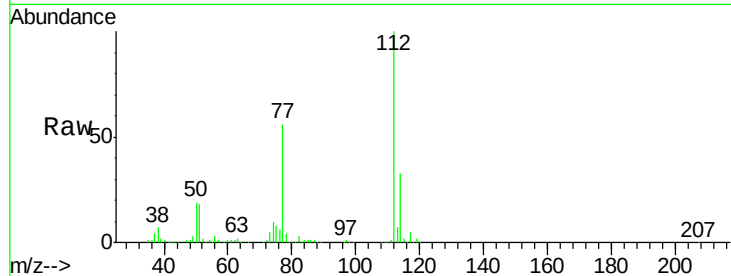
#65
Chlorobenzene
Concen: 46.888 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD066162.D
Acq: 10 Aug 2020 14:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.1	26.1	39.1

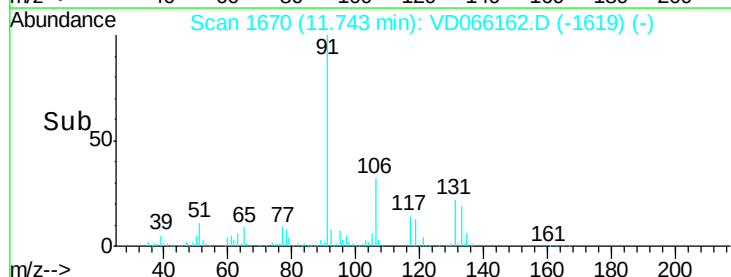
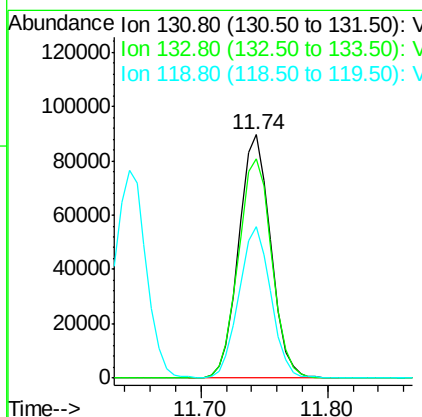
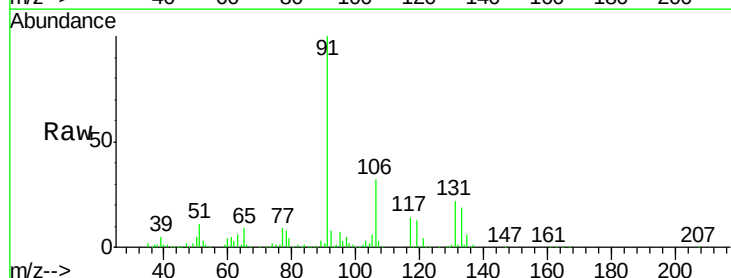
Manual Integrations
APPROVED

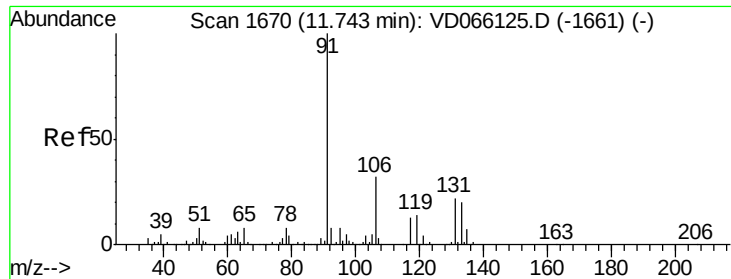
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 46.737 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066162.D
Acq: 10 Aug 2020 14:04

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.2	47.1	141.4
119	62.0	31.6	94.7





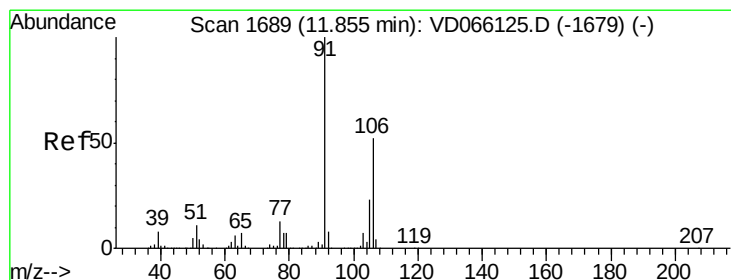
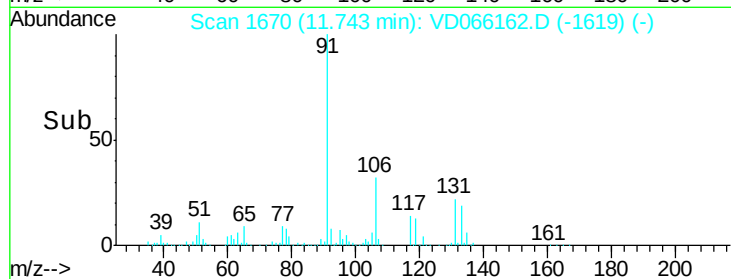
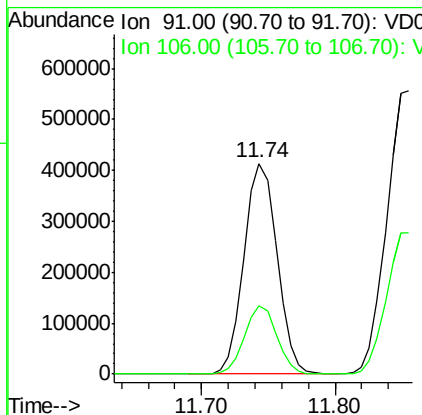
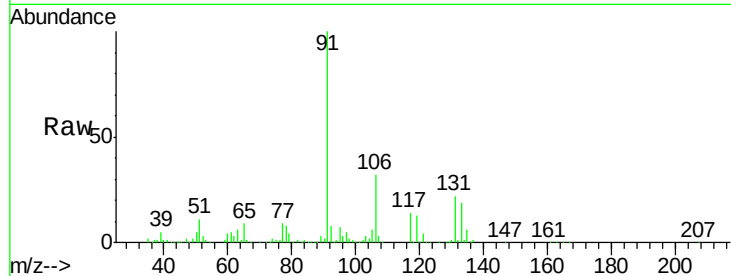
#67
Ethyl Benzene
Concen: 47.824 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066162.D
Acq: 10 Aug 2020 14:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 710355
Ion Ratio Lower Upper
91 100
106 32.4 25.7 38.5

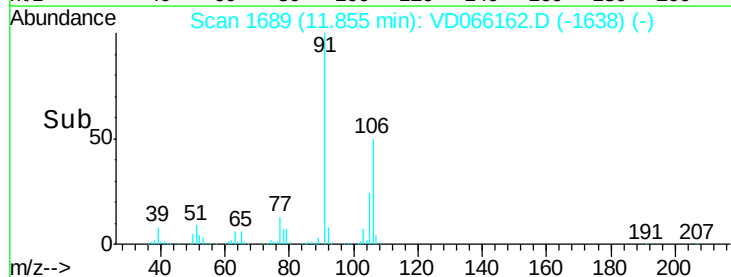
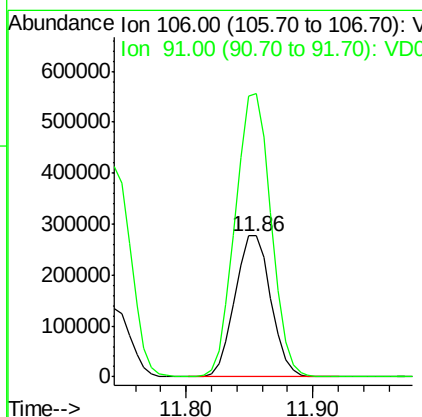
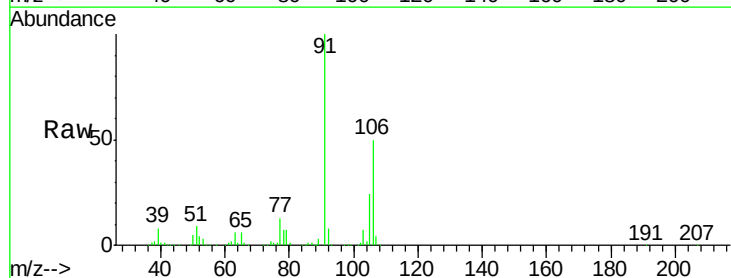
Manual Integrations
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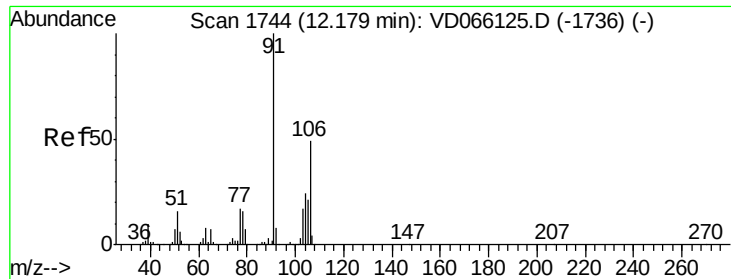
MMDadoda
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#68
m/p-Xylenes
Concen: 94.737 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD066162.D
Acq: 10 Aug 2020 14:04

Tgt Ion: 106 Resp: 545199
Ion Ratio Lower Upper
106 100
91 200.6 156.6 235.0





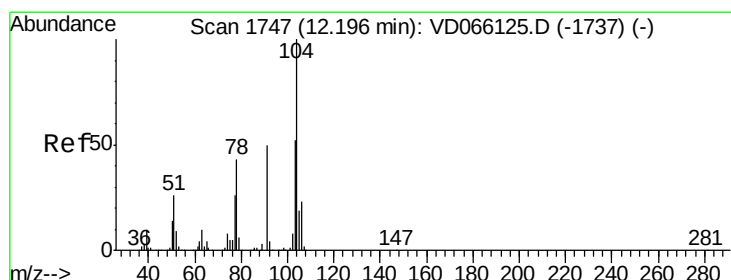
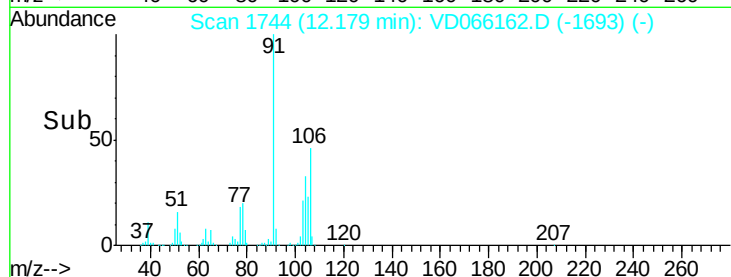
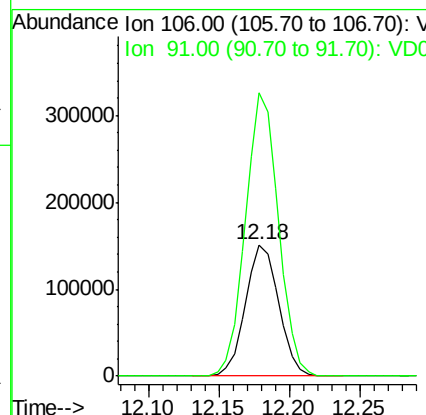
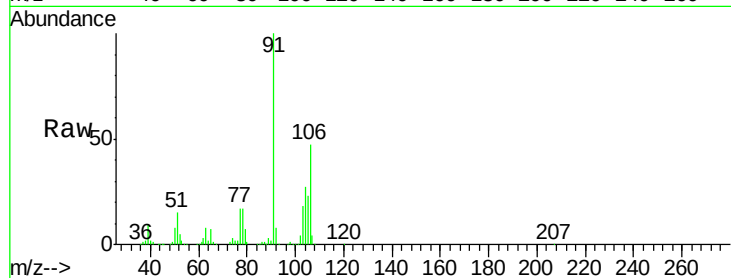
#69
o-Xylene
Concen: 47.940 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066162.D
Acq: 10 Aug 2020 14:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.8	105.7	317.1

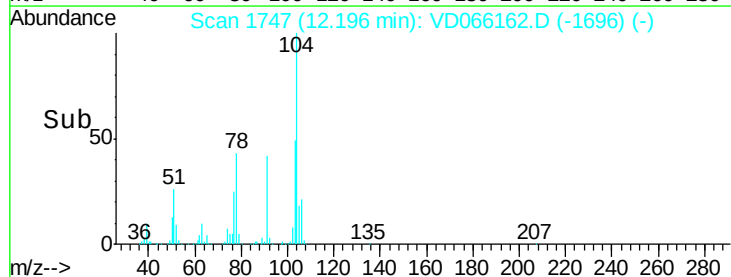
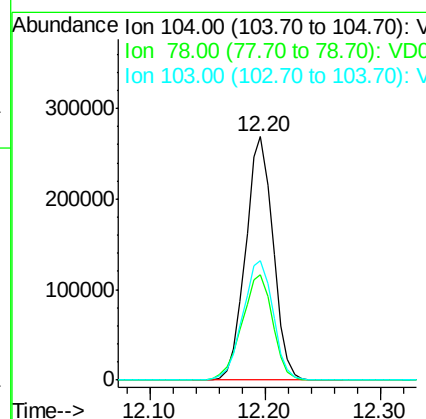
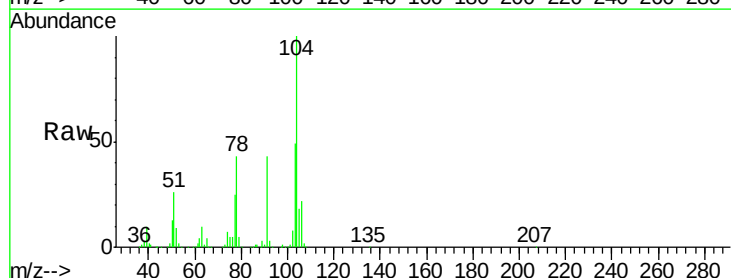
Manual Integrations
APPROVED

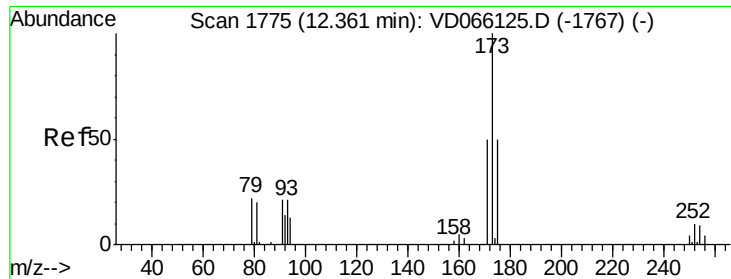
MMDadoda
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#70
Styrene
Concen: 48.507 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066162.D
Acq: 10 Aug 2020 14:04

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.3	38.6	58.0
103	53.8	44.1	66.1





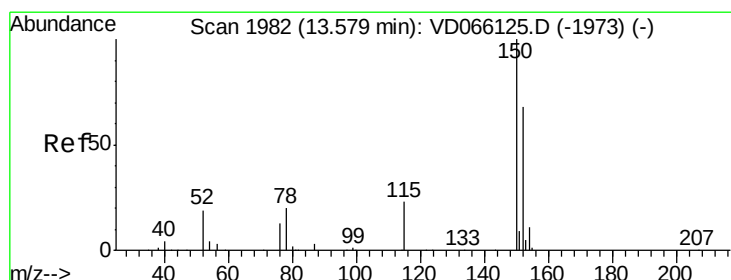
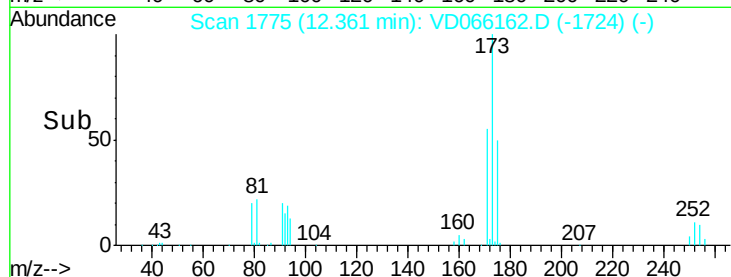
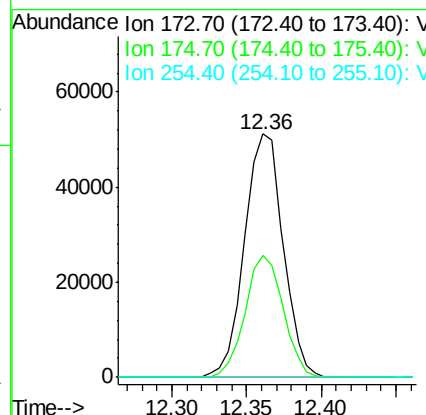
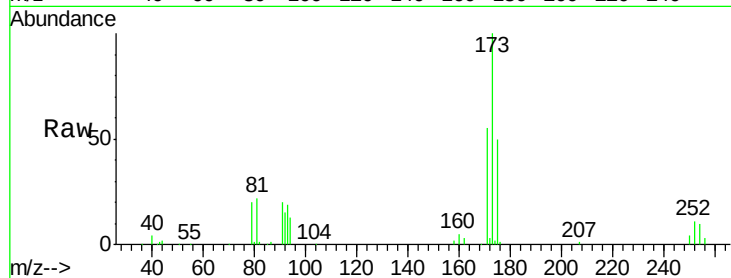
#71
Bromoform
Concen: 46.220 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.00 min
Lab File: VD066162.D
Acq: 10 Aug 2020 14:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.6	73.6
254	0.1	0.2	0.2#

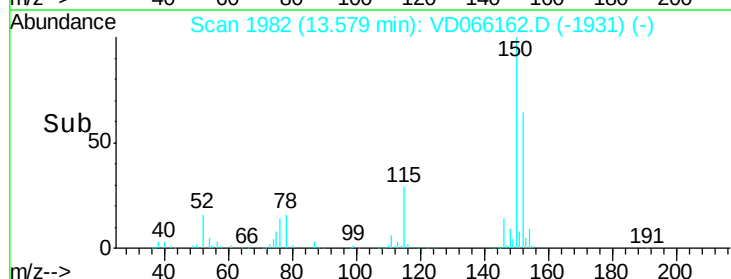
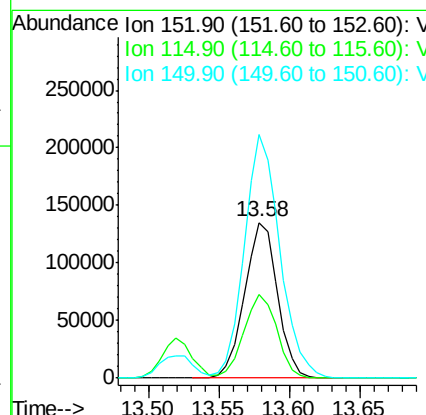
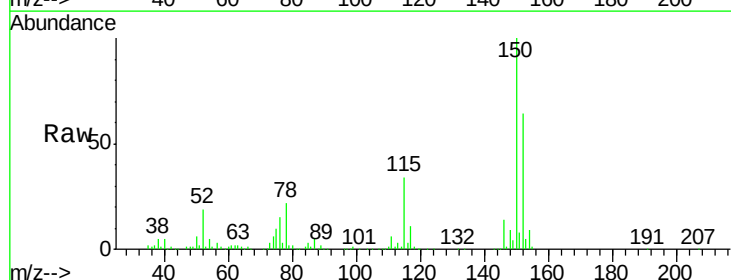
Manual Integrations
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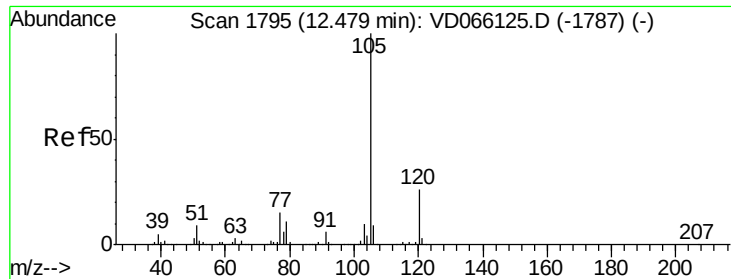
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066162.D
Acq: 10 Aug 2020 14:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.9	28.0	83.9
150	169.4	0.0	346.4





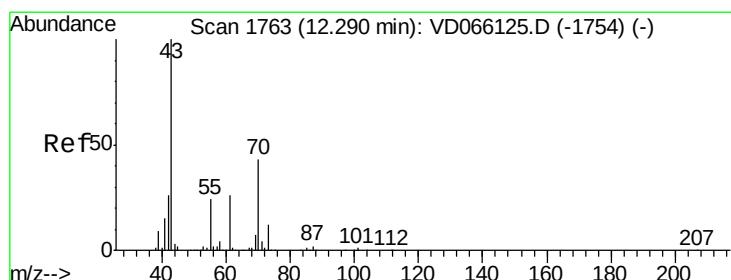
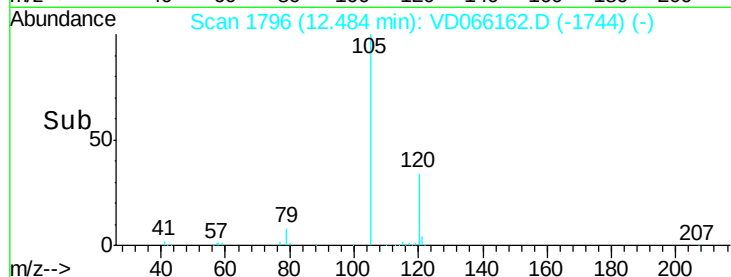
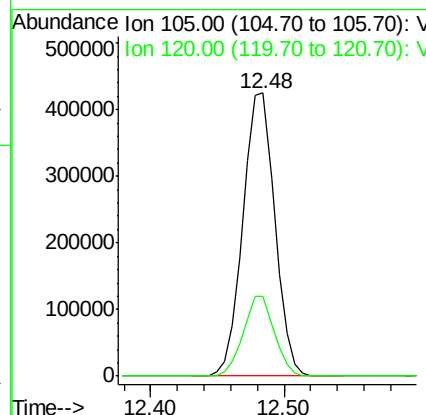
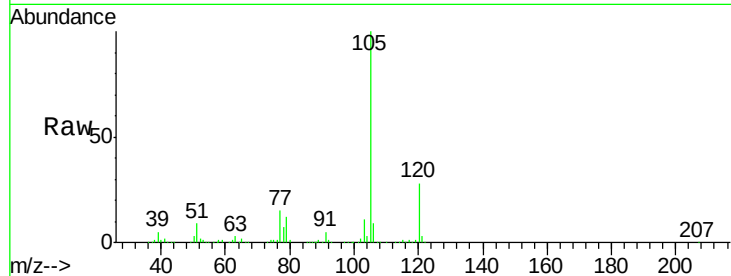
#73
Isopropylbenzene
Concen: 47.864 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. 0.01 min
Lab File: VD066162.D
Acq: 10 Aug 2020 14:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.5	13.3	39.9

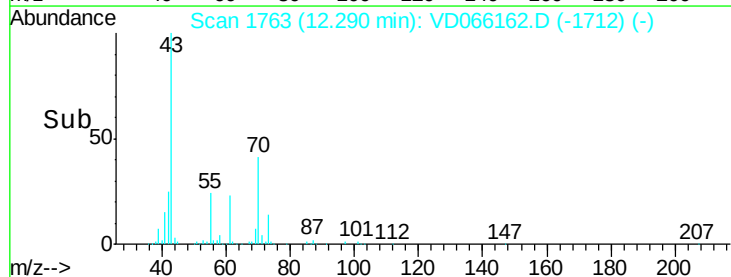
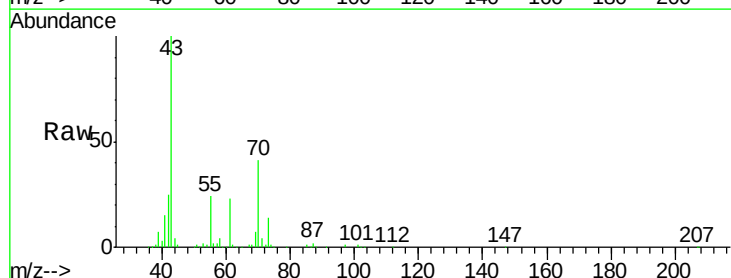
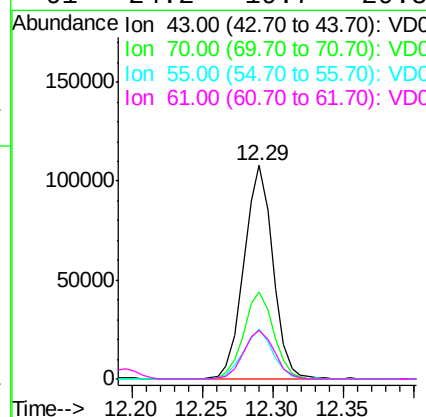
Manual Integrations
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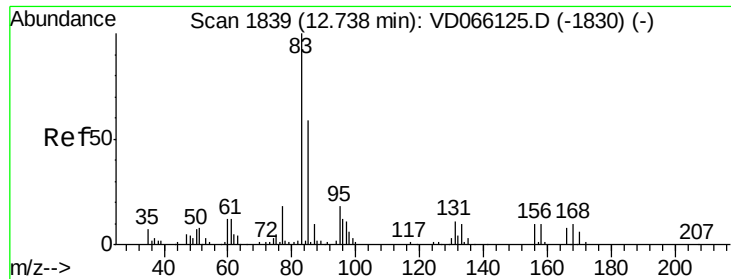
MMDadoda
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#74
N-ethyl acetate
Concen: 47.809 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VD066162.D
Acq: 10 Aug 2020 14:04

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.1	34.9	52.3
55	24.1	19.2	28.8
61	24.2	19.7	29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 45.297 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD066162.D

Acq: 10 Aug 2020 14:04

Instrument :

MSVOA_D

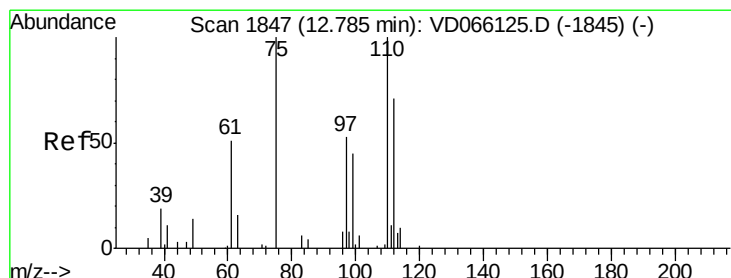
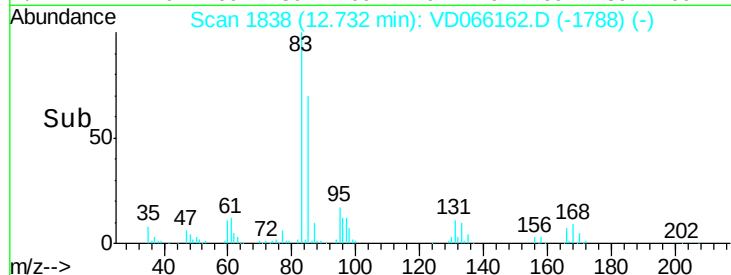
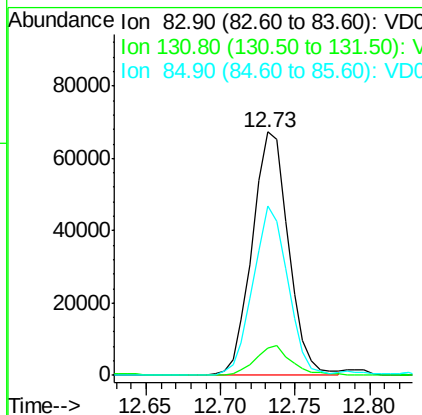
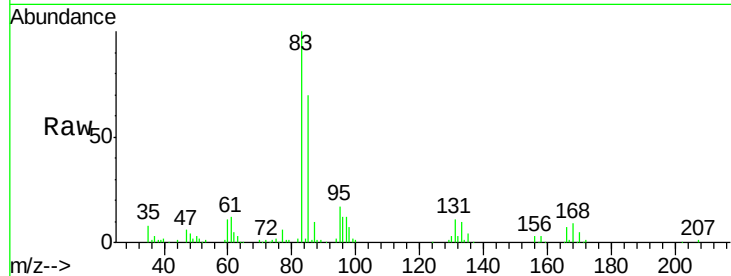
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	113582
Ion Ratio	Lower	Upper	
83	100		
131	11.9	6.2	18.6
85	66.4	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 42.020 ug/l m

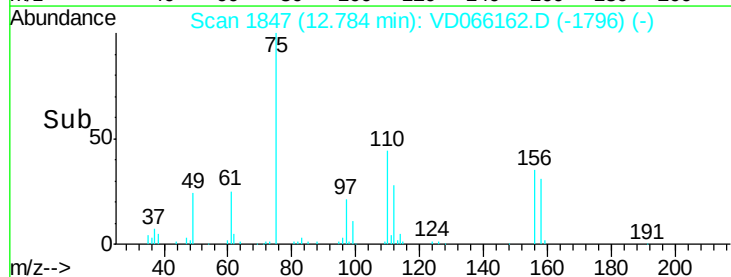
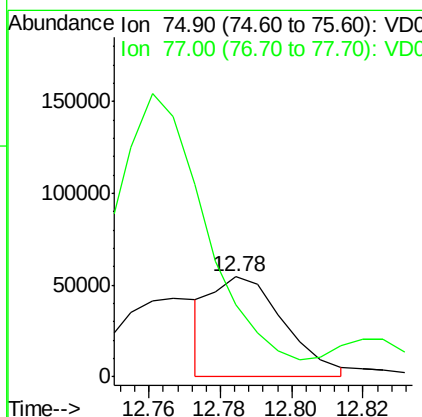
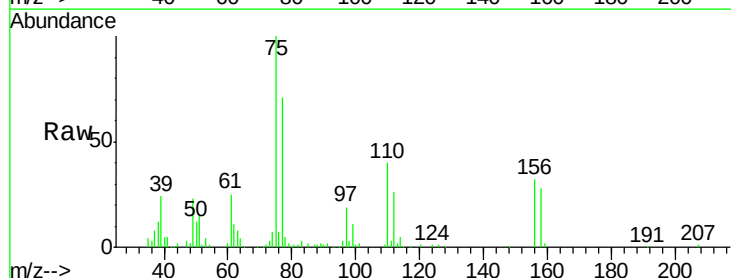
RT: 12.78 min Scan# 1847

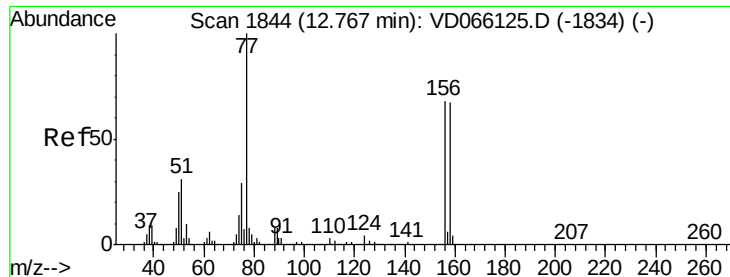
Delta R.T. -0.00 min

Lab File: VD066162.D

Acq: 10 Aug 2020 14:04

Tgt Ion:	75	Resp:	77196
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 46.545 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD066162.D

Acq: 10 Aug 2020 14:04

Instrument :

MSVOA_D

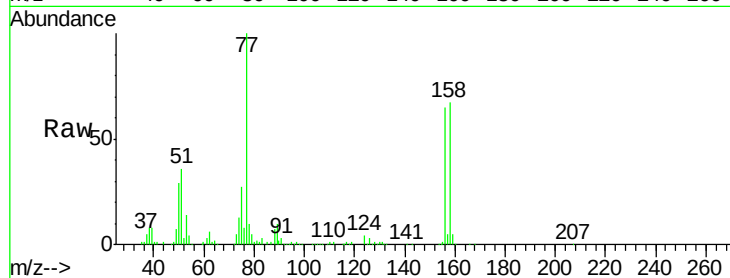
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	163.6	81.0	243.1
158	97.9	48.8	146.3

Manual Integrations
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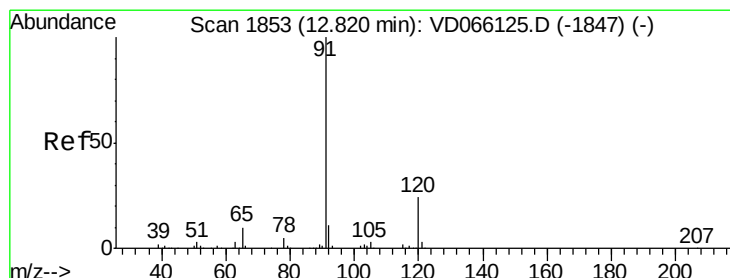
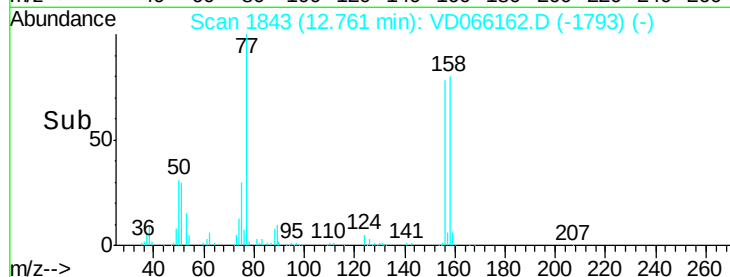
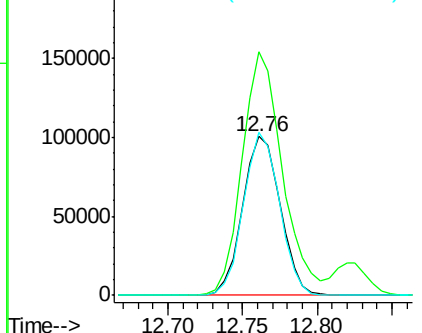
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.575 ug/l

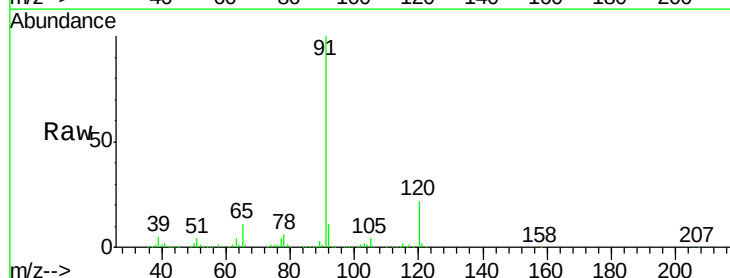
RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066162.D

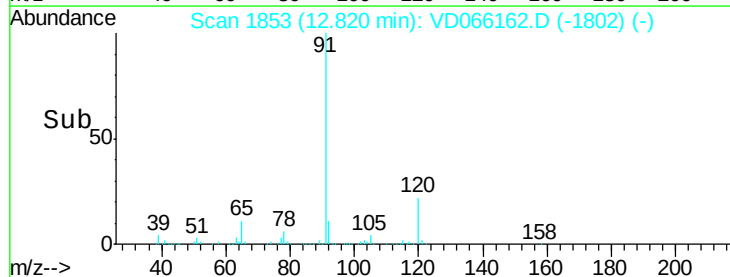
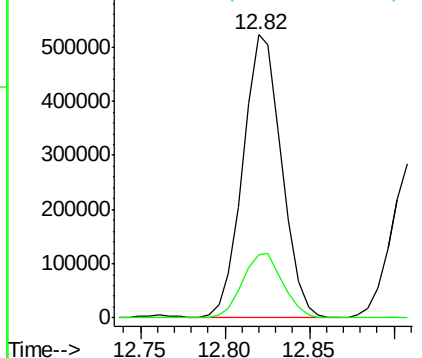
Acq: 10 Aug 2020 14:04

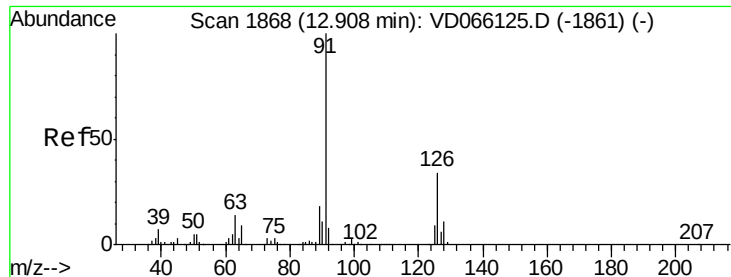
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	12.0	36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.650 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066162.D

Acq: 10 Aug 2020 14:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 465856

Ion Ratio Lower Upper

91 100

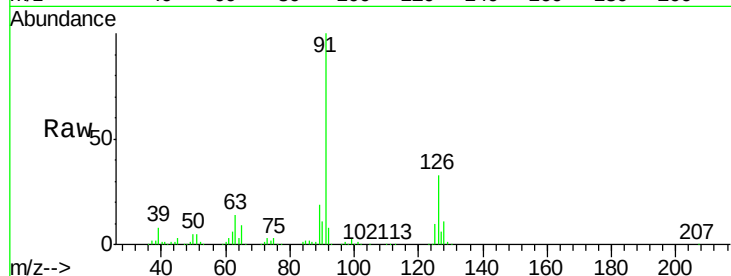
126 35.3 17.5 52.6

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VD066162.D (-1817) (-)

Ion 125.90 (125.60 to 126.60): VD066162.D (-1817) (-)

400000

300000

200000

100000

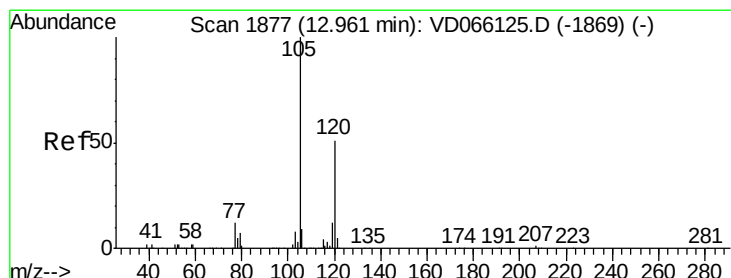
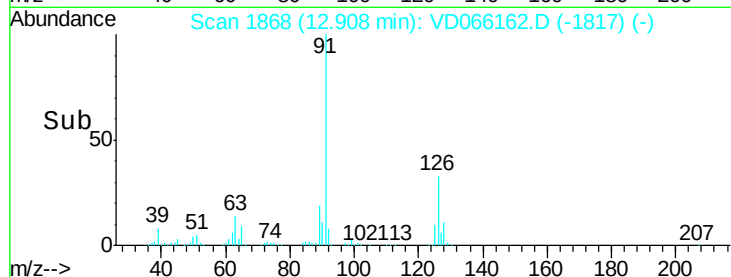
0

12.85

12.90

12.95

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 48.403 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066162.D

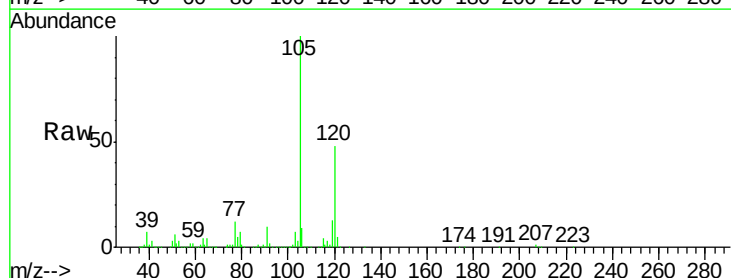
Acq: 10 Aug 2020 14:04

Tgt Ion:105 Resp: 595262

Ion Ratio Lower Upper

105 100

120 50.2 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VD066162.D (-1826) (-)

Ion 120.00 (119.70 to 120.70): VD066162.D (-1826) (-)

400000

300000

200000

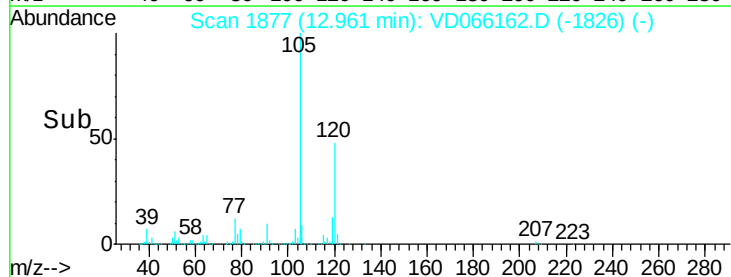
100000

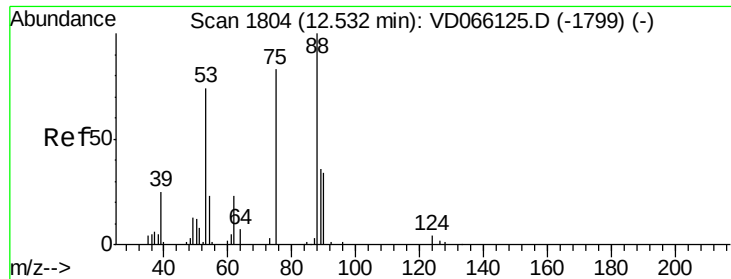
0

12.90

13.00

Time-->





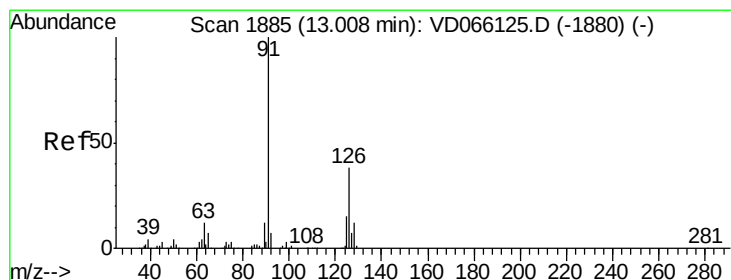
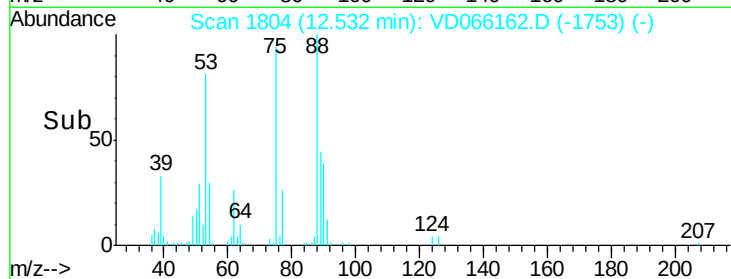
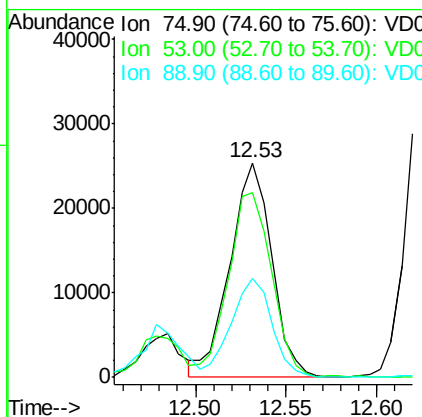
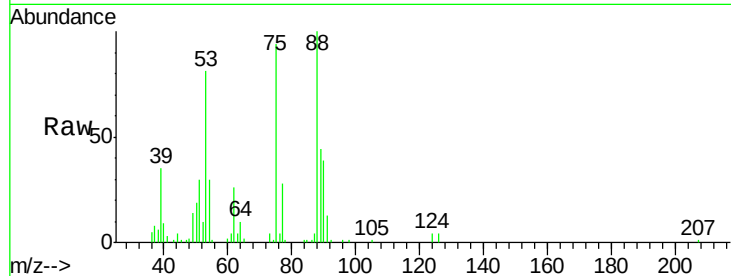
#81
trans-1,4-Dichloro-2-butene
Concen: 48.994 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD066162.D
Acq: 10 Aug 2020 14:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	88.6	73.4	110.2
89	45.2	36.6	55.0

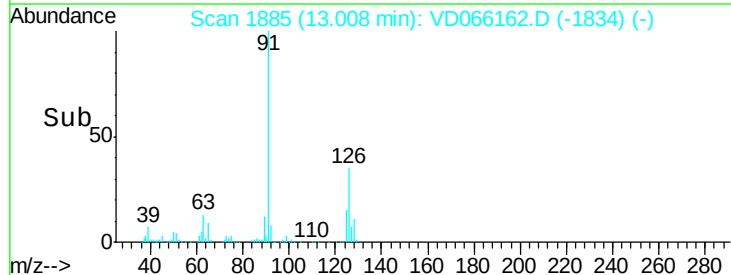
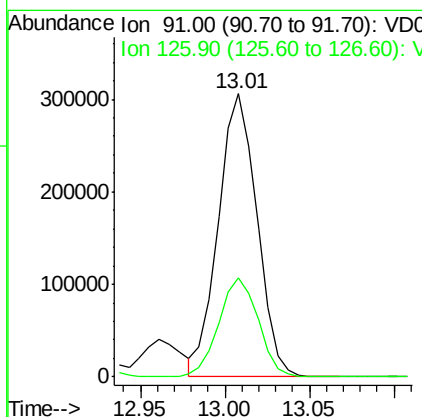
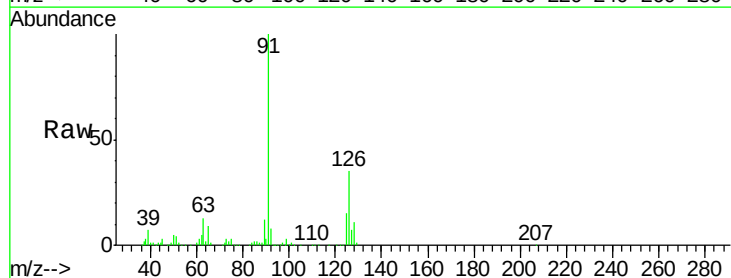
Manual Integrations
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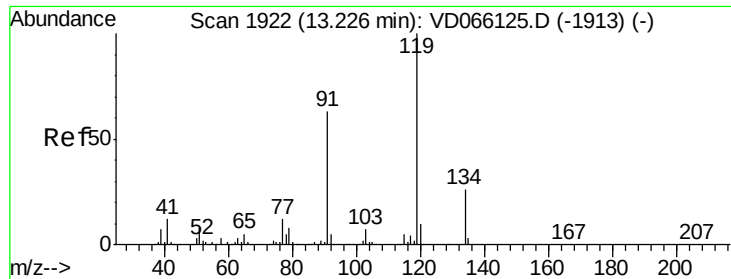
MMDadoda
8/11/2020 3:19:23 PM



#82
4-Chlorotoluene
Concen: 47.237 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD066162.D
Acq: 10 Aug 2020 14:04

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.5	17.8	53.3





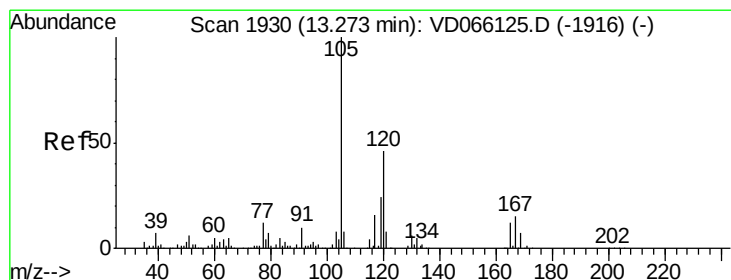
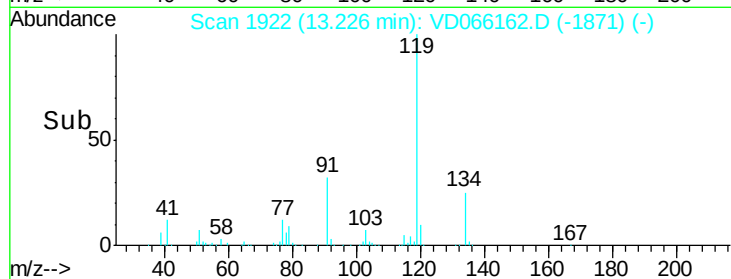
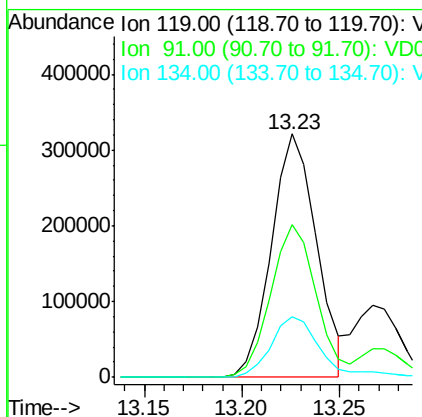
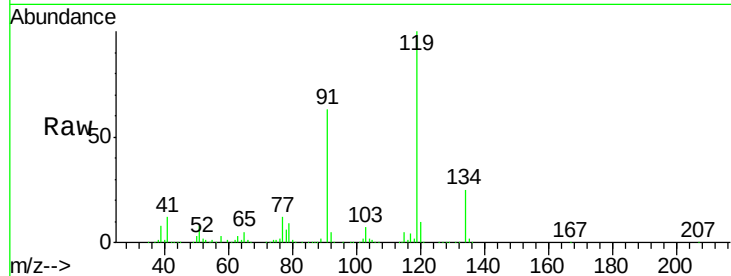
#83
 tert-Butylbenzene
 Concen: 47.460 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD066162.D
 Acq: 10 Aug 2020 14:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.5	30.8	92.4
134	27.5	13.6	40.8

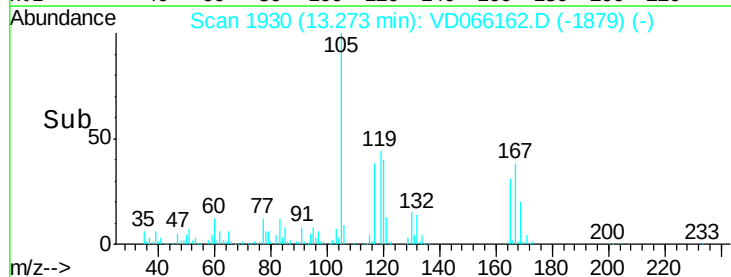
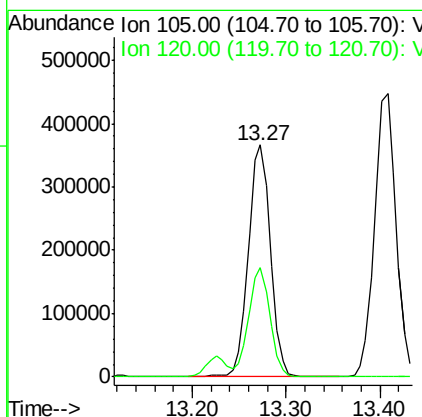
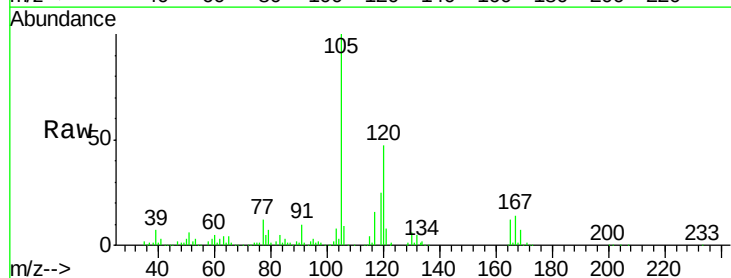
Manual Integrations
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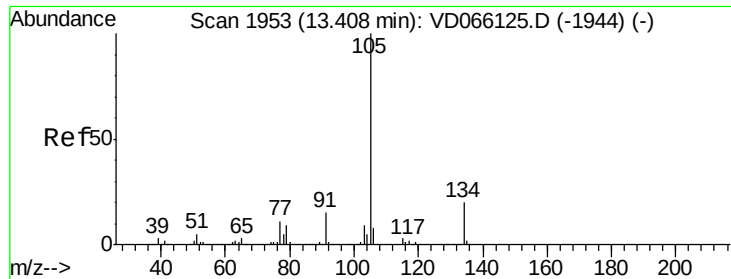
MMDadoda
 8/11/2020 3:19:23 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 48.399 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD066162.D
 Acq: 10 Aug 2020 14:04

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	23.1	69.2





#85

sec-Butylbenzene

Concen: 48.498 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD066162.D

Acq: 10 Aug 2020 14:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 708174

Ion Ratio Lower Upper

105 100

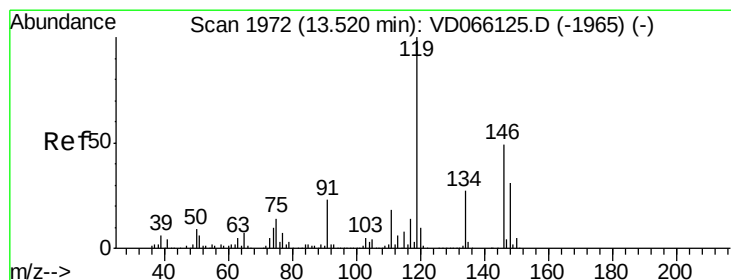
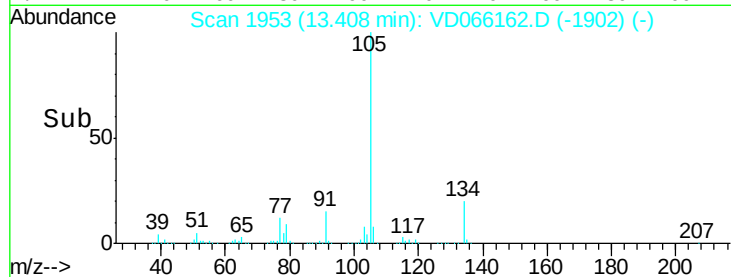
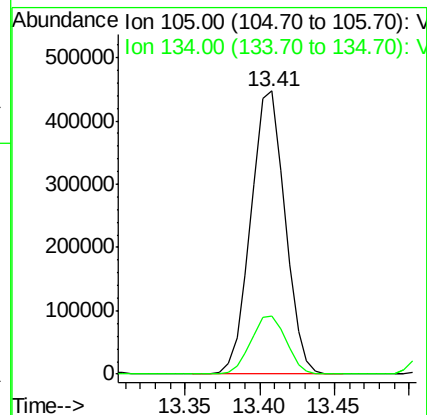
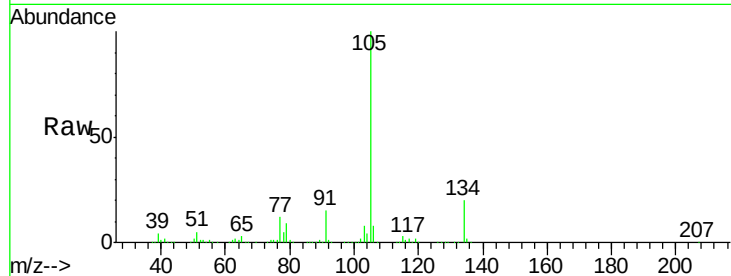
134 21.3 10.4 31.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 48.473 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066162.D

Acq: 10 Aug 2020 14:04

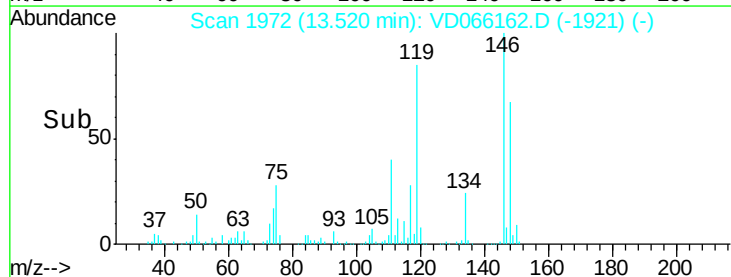
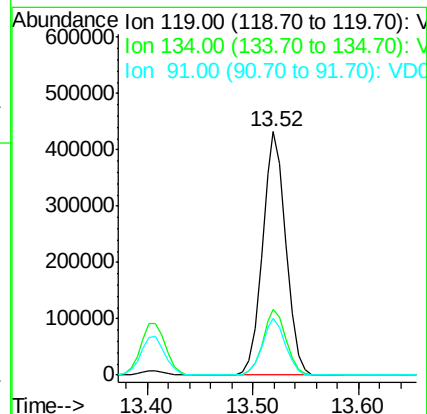
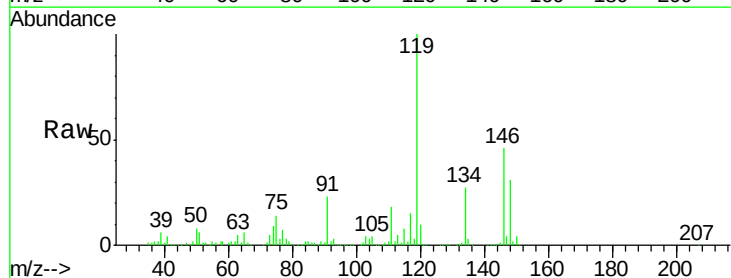
Tgt Ion:119 Resp: 663867

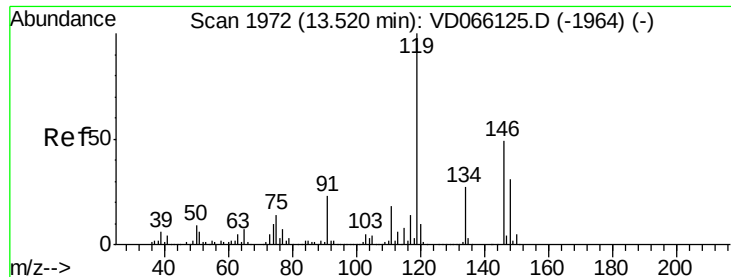
Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

91 23.1 11.2 33.5





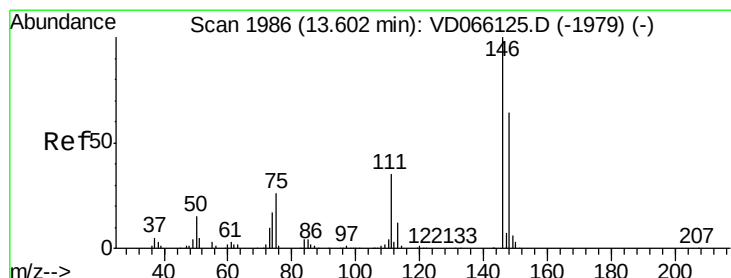
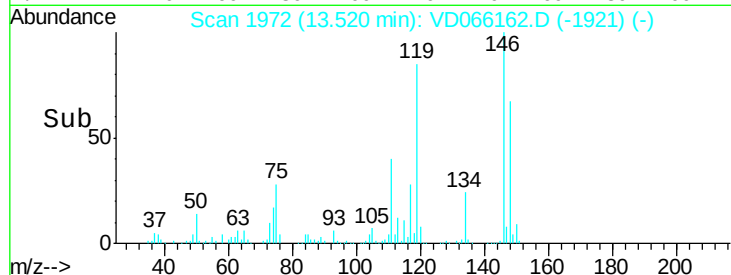
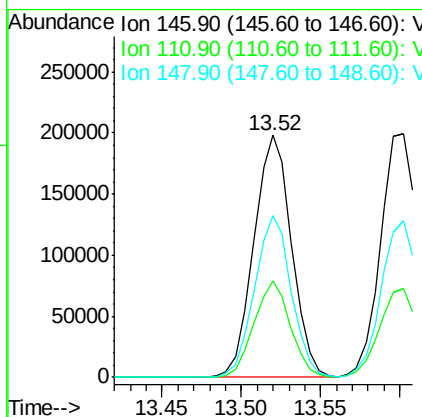
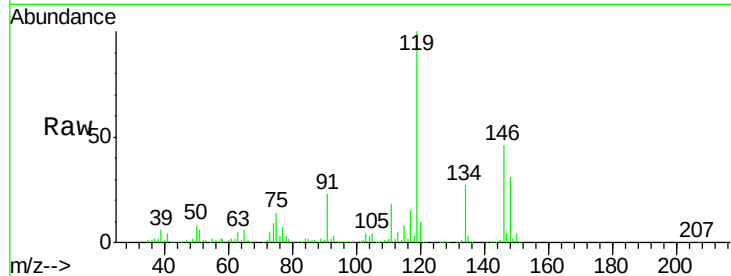
#87
 1,3-Dichlorobenzene
 Concen: 45.970 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066162.D
 Acq: 10 Aug 2020 14:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.9	56.9
148	65.4	31.8	95.3

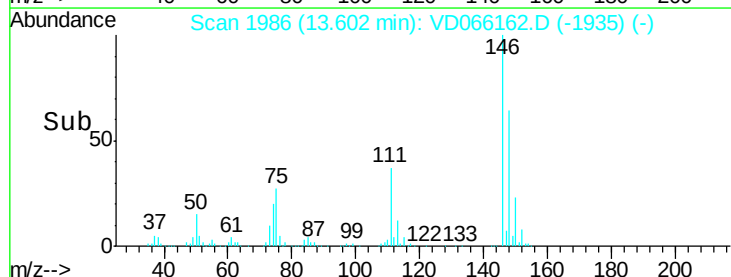
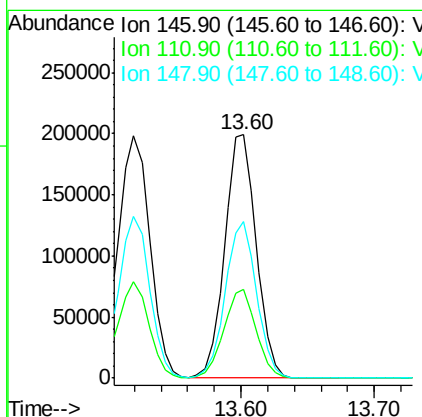
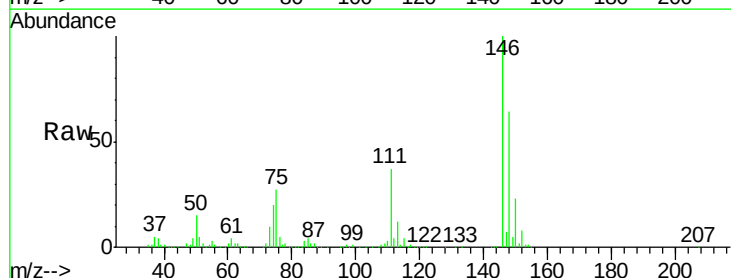
Manual Integrations
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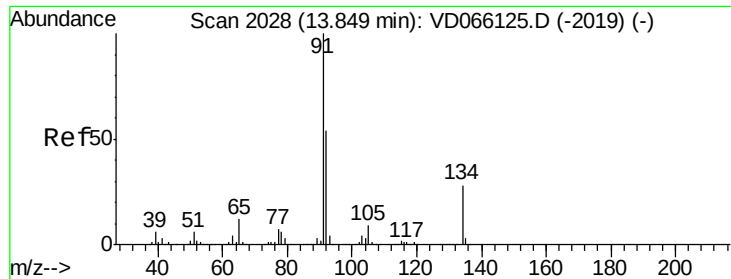
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 8/11/2020 3:19:23 PM



#88
 1,4-Dichlorobenzene
 Concen: 46.416 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD066162.D
 Acq: 10 Aug 2020 14:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.6	55.8
148	63.7	32.4	97.0





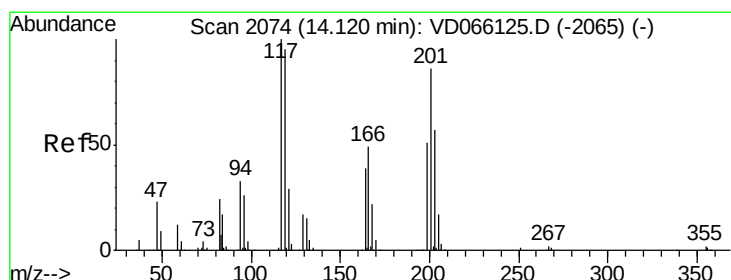
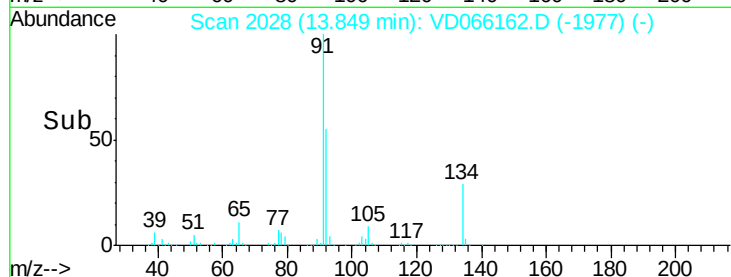
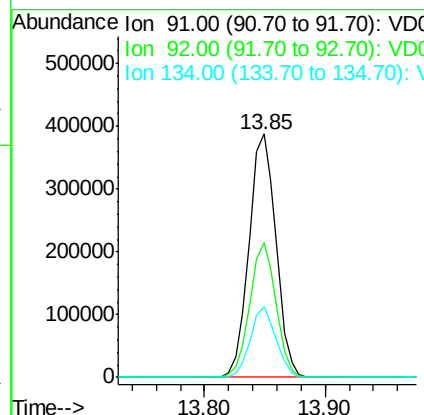
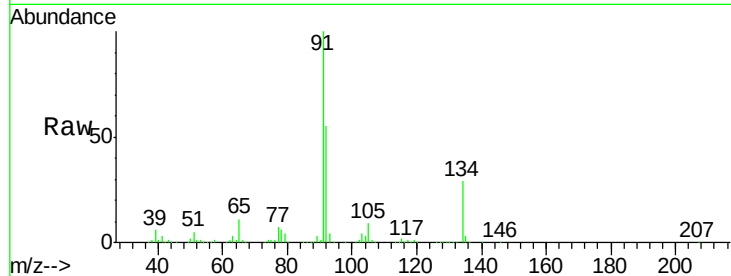
#89
n-Butylbenzene
Concen: 49.348 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD066162.D
Acq: 10 Aug 2020 14:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.8	80.3
134	27.5	14.0	41.9

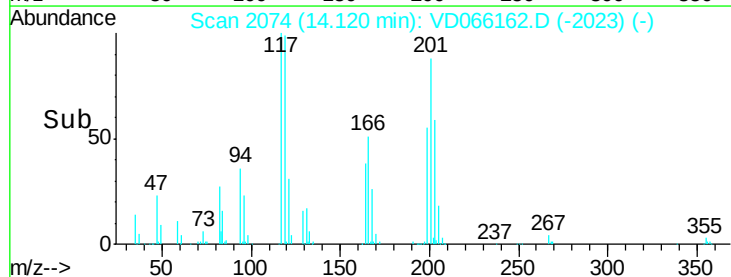
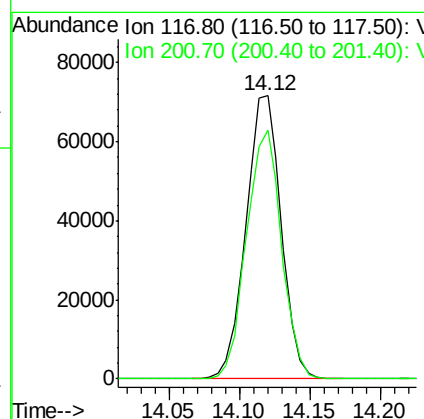
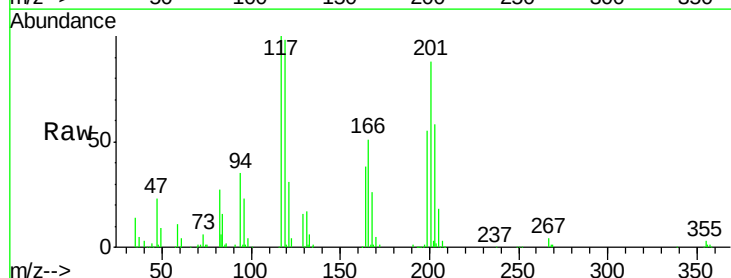
Manual Integrations
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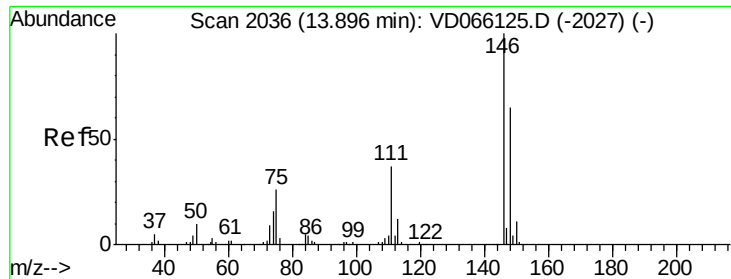
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#90
Hexachloroethane
Concen: 45.932 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD066162.D
Acq: 10 Aug 2020 14:04

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.5	42.7	128.1





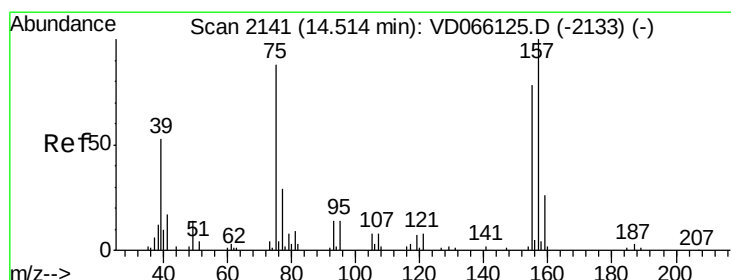
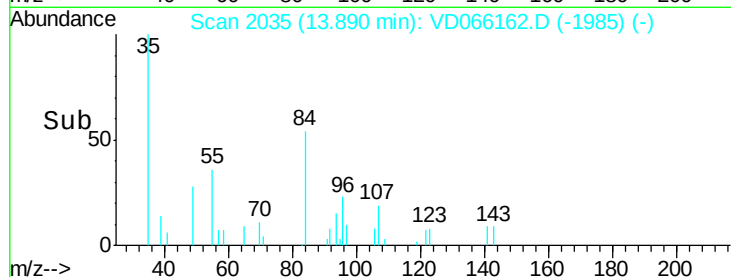
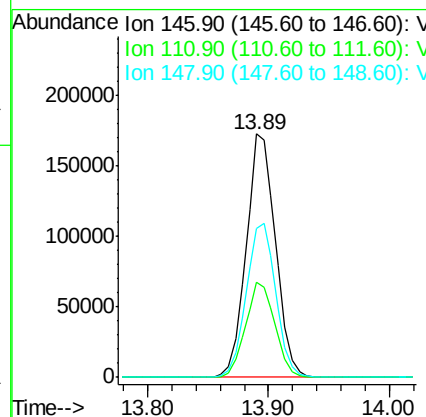
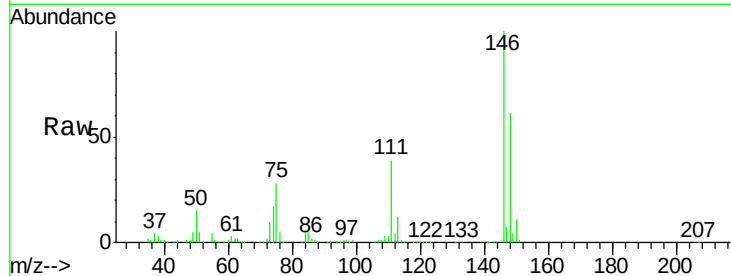
#91
 1,2-Dichlorobenzene
 Concen: 46.228 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD066162.D
 Acq: 10 Aug 2020 14:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	290861		
111	39.2	18.8	56.3	
148	63.9	31.9	95.5	

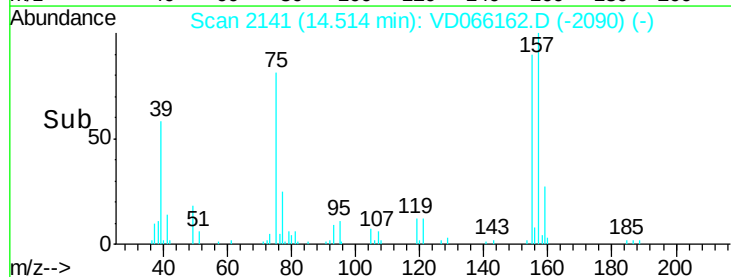
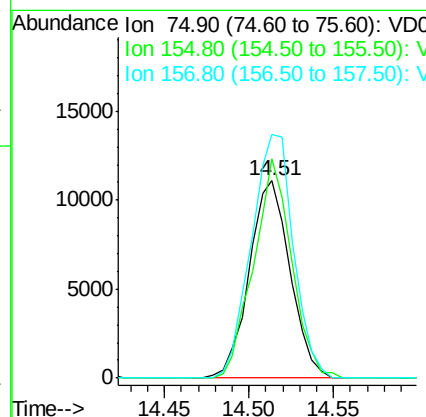
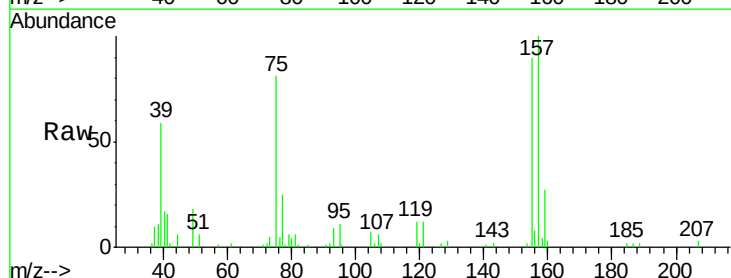
Manual Integrations
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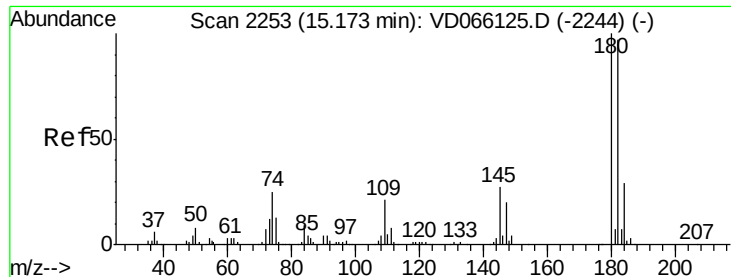
MMDadoda
 8/11/2020 3:19:23 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.234 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VD066162.D
 Acq: 10 Aug 2020 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	18632		
155	103.7	47.7	143.1	
157	127.6	62.1	186.2	





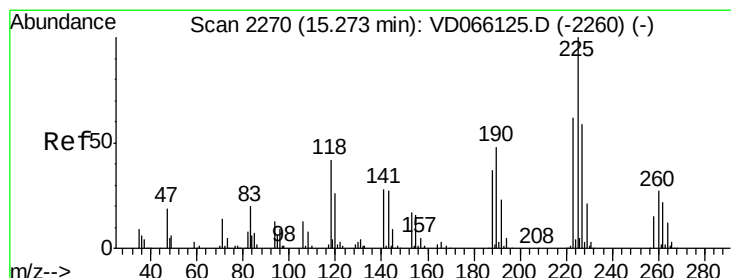
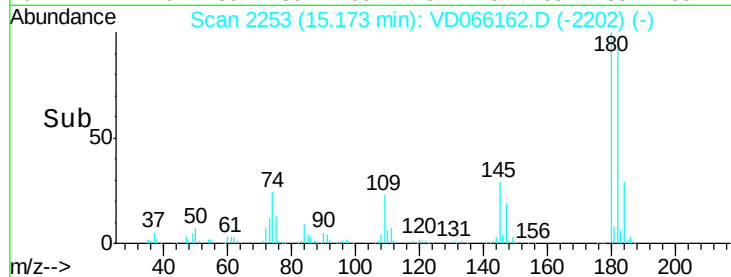
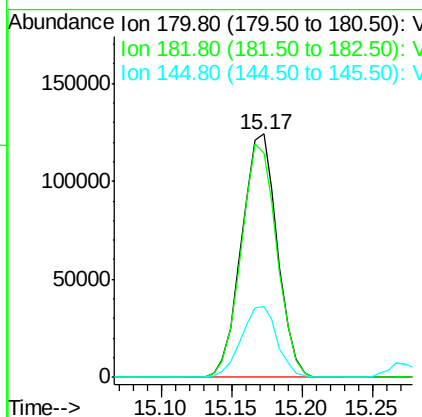
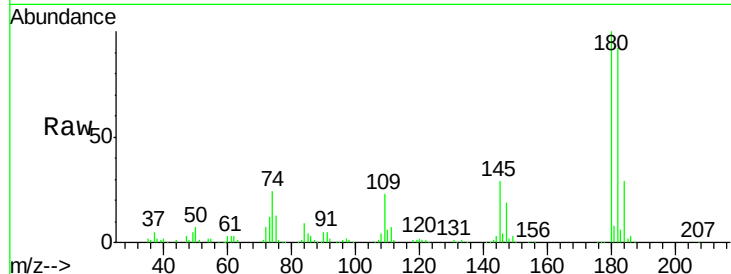
#93
 1,2,4-Trichlorobenzene
 Concen: 47.409 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VD066162.D
 Acq: 10 Aug 2020 14:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	219824		
182	95.9	47.4	142.2	
145	29.5	14.5	43.6	

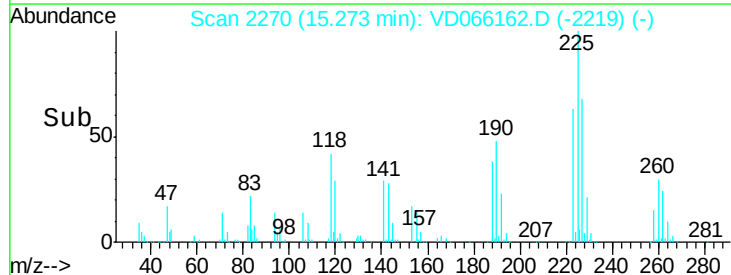
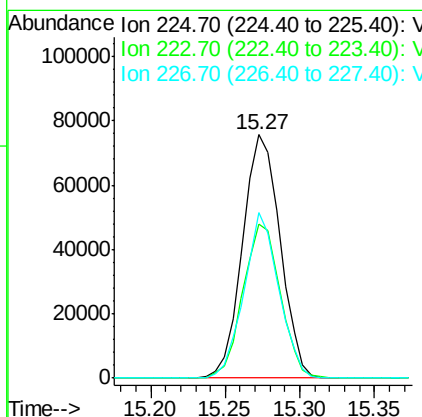
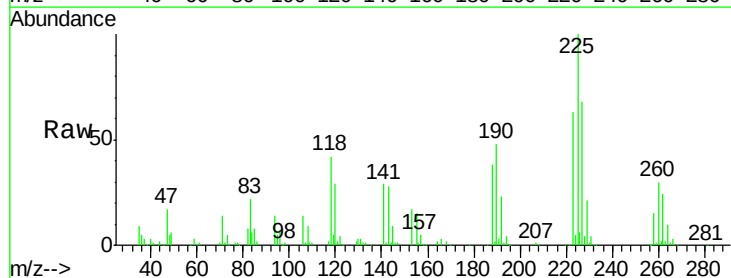
Manual Integrations
 APPROVED

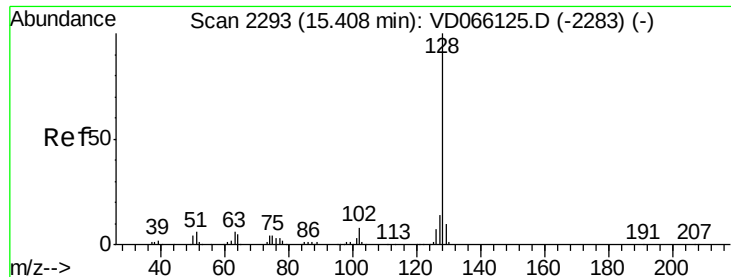
MMDadoda
 8/11/2020 3:19:23 PM



#94
 Hexachlorobutadiene
 Concen: 48.404 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066162.D
 Acq: 10 Aug 2020 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	132163		
223	62.6	32.3	96.9	
227	62.8	32.1	96.5	





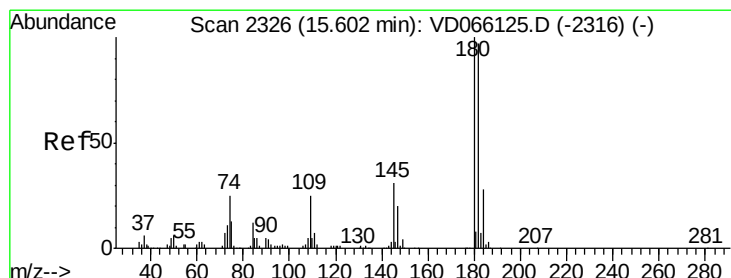
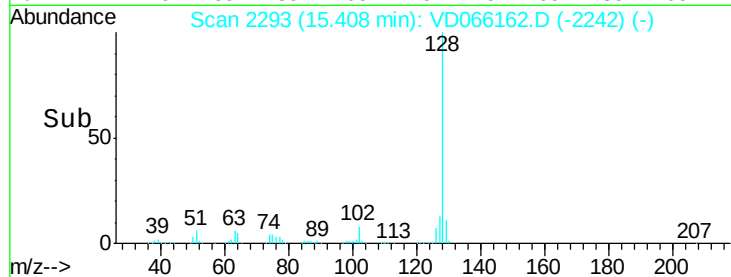
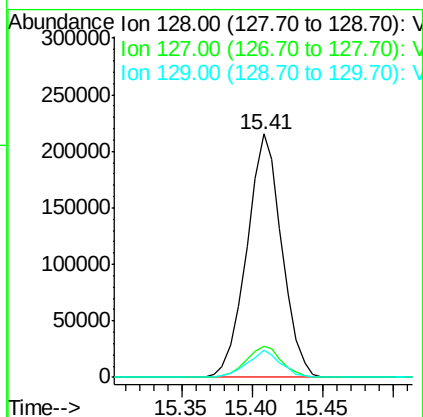
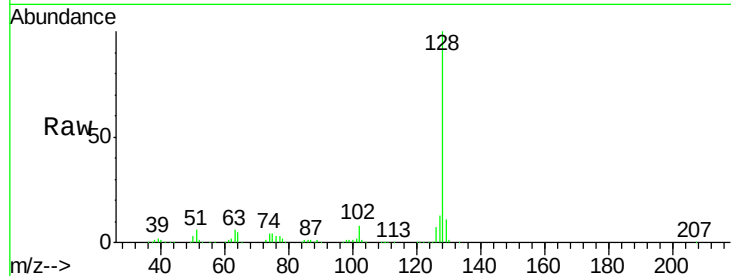
#95
Naphthalene
Concen: 49.418 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066162.D
Acq: 10 Aug 2020 14:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	373360		
127	13.3		11.0	16.4
129	10.5		8.8	13.2

Manual Integrations
APPROVED

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8/11/2020 3:19:23 PM



#96
1,2,3-Trichlorobenzene
Concen: 46.920 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066162.D
Acq: 10 Aug 2020 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	192053		
182	95.7		47.1	141.4
145	30.5		14.9	44.9

