

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110520\
 Data File : VD067542.D
 Acq On : 05 Nov 2020 17:34
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/6/2020 9:24:35 AM

Quant Time: Nov 06 00:44:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	320672	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	460049	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	422040	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	214483	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	129727	46.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.54%	
35) Dibromofluoromethane	7.92	113	132918	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	
50) Toluene-d8	10.34	98	458039	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
62) 4-Bromofluorobenzene	12.64	95	166644	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.99	85	123252	47.230	ug/l	99
3) Chloromethane	2.21	50	81624	40.876	ug/l	99
4) Vinyl Chloride	2.35	62	88914	39.937	ug/l	97
5) Bromomethane	2.77	94	73227	40.580	ug/l	97
6) Chloroethane	2.92	64	55902	40.728	ug/l	94
7) Trichlorofluoromethane	3.27	101	260664	45.218	ug/l	97
8) Diethyl Ether	3.71	74	56600	48.728	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.09	101	134527	46.232	ug/l	98
10) Methyl Iodide	4.30	142	137525	44.097	ug/l	99
11) Tert butyl alcohol	5.22	59	35937	301.580	ug/l #	94
12) 1,1-Dichloroethene	4.07	96	122695	45.842	ug/l	99
13) Acrolein	3.92	56	30455	245.310	ug/l	98
14) Allyl chloride	4.71	41	131832	46.022	ug/l	99
15) Acrylonitrile	5.42	53	106247	247.446	ug/l	99
16) Acetone	4.16	43	96777	230.646	ug/l	99
17) Carbon Disulfide	4.41	76	360521	43.958	ug/l	99
18) Methyl Acetate	4.71	43	39899	46.016	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	263714	49.952	ug/l #	92
20) Methylene Chloride	4.97	84	139384	47.027	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	140325	45.013	ug/l	95
22) Diisopropyl ether	6.36	45	271074	48.561	ug/l	96
23) Vinyl Acetate	6.31	43	742343	254.055	ug/l	97
24) 1,1-Dichloroethane	6.26	63	211257	46.260	ug/l	99
25) 2-Butanone	7.21	43	107864	240.583	ug/l	91
26) 2,2-Dichloropropane	7.21	77	219439	45.530	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	155420	48.032	ug/l	98
28) Bromochloromethane	7.54	49	78801	48.511	ug/l	98
29) Tetrahydrofuran	7.56	42	69970	260.537	ug/l	99
30) Chloroform	7.71	83	258025	47.361	ug/l	99
31) Cyclohexane	7.99	56	170314	41.880	ug/l #	89
32) 1,1,1-Trichloroethane	7.91	97	257077	45.733	ug/l	98
36) 1,1-Dichloropropene	8.11	75	186493	47.358	ug/l	98
37) Ethyl Acetate	7.29	43	51421	50.296	ug/l #	95
38) Carbon Tetrachloride	8.10	117	249559	48.776	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	220676	47.612	ug/l	94
40) Benzene	8.36	78	512297	48.026	ug/l	100
41) Methacrylonitrile	7.52	41	28500m	46.636	ug/l	
42) 1,2-Dichloroethane	8.43	62	160723	48.767	ug/l	99
43) Isopropyl Acetate	8.46	43	102254	50.573	ug/l	100
44) Trichloroethene	9.11	130	169984	48.465	ug/l	91
45) 1,2-Dichloropropane	9.39	63	112925	48.964	ug/l	97
46) Dibromomethane	9.48	93	72002	49.102	ug/l	98
47) Bromodichloromethane	9.67	83	200001	50.180	ug/l	99
48) Methyl methacrylate	9.46	41	49983	47.878	ug/l	92
49) 1,4-Dioxane	9.46	88	16003	1075.010	ug/l #	95
51) 4-Methyl-2-Pentanone	10.23	43	252008	260.611	ug/l	99
52) Toluene	10.41	92	347433	48.628	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	175687	51.468	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	198775	49.012	ug/l	99
55) 1,1,2-Trichloroethane	10.81	97	96102	49.532	ug/l	96
56) Ethyl methacrylate	10.67	69	105467	52.639	ug/l	96
57) 1,3-Dichloropropane	10.95	76	154034	49.336	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	250357	267.952	ug/l	100
59) 2-Hexanone	10.99	43	179089	264.878	ug/l	100
60) Dibromochloromethane	11.14	129	142767	49.743	ug/l	98
61) 1,2-Dibromoethane	11.25	107	99174	50.930	ug/l	99
64) Tetrachloroethene	10.88	164	146157	46.761	ug/l	98
65) Chlorobenzene	11.67	112	389533	47.915	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	154829	48.321	ug/l	99
67) Ethyl Benzene	11.75	91	685011	49.241	ug/l	98
68) m/p-Xylenes	11.86	106	525674	97.128	ug/l	100
69) o-Xylene	12.18	106	235738	48.786	ug/l	99
70) Styrene	12.20	104	413515	49.111	ug/l	98
71) Bromoform	12.37	173	83596	51.156	ug/l #	98
73) Isopropylbenzene	12.48	105	662464	47.791	ug/l	99
74) N-amyl acetate	12.29	43	91666	50.256	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.73	83	93540	49.487	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	56654m	43.786	ug/l	
77) Bromobenzene	12.77	156	166307	48.853	ug/l	98
78) n-propylbenzene	12.83	91	750576	47.339	ug/l	100
79) 2-Chlorotoluene	12.91	91	436952	48.515	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	574046	48.478	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	30563	47.957	ug/l	95
82) 4-Chlorotoluene	13.01	91	461841	47.812	ug/l	99
83) tert-Butylbenzene	13.23	119	476662	47.497	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	575810	48.851	ug/l	99
85) sec-Butylbenzene	13.41	105	653046	48.204	ug/l	99
86) p-Isopropyltoluene	13.52	119	620901	47.460	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	303928	46.788	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	305116	46.388	ug/l	99
89) n-Butylbenzene	13.84	91	543275	48.077	ug/l	99
90) Hexachloroethane	14.11	117	115937	47.059	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	267900	47.653	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	17968	53.689	ug/l	91

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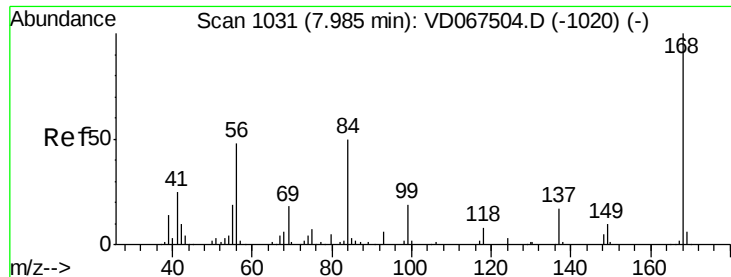
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	182575	47.849	ug/l	98
94) Hexachlorobutadiene	15.27	225	115350	45.169	ug/l	99
95) Naphthalene	15.40	128	302004	51.287	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	160807	49.214	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 320672

Ion Ratio Lower Upper

168 100

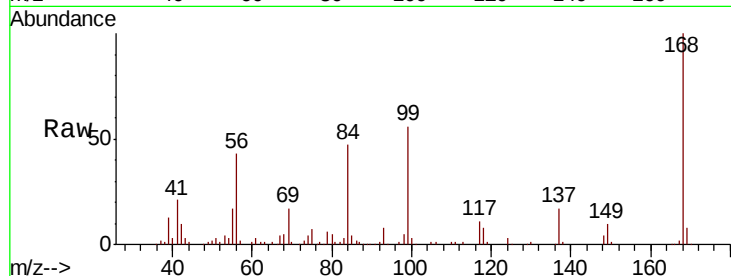
99 55.5 45.0 67.6

Manual Integrations

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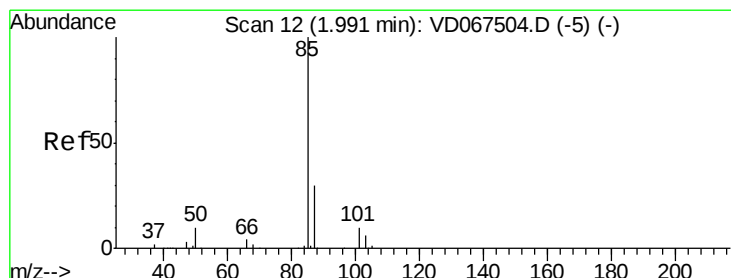
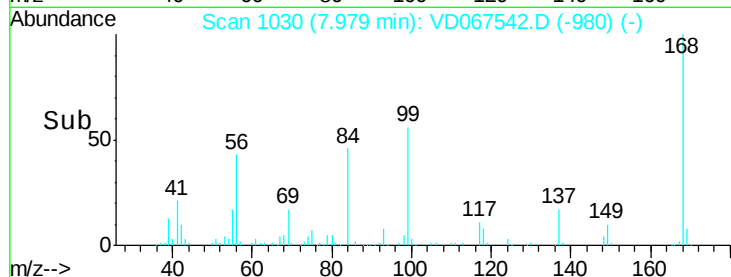
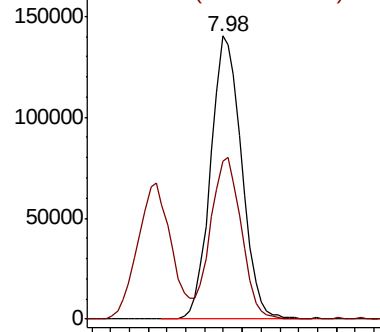
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11/6/2020 9:24:35 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 47.230 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067542.D

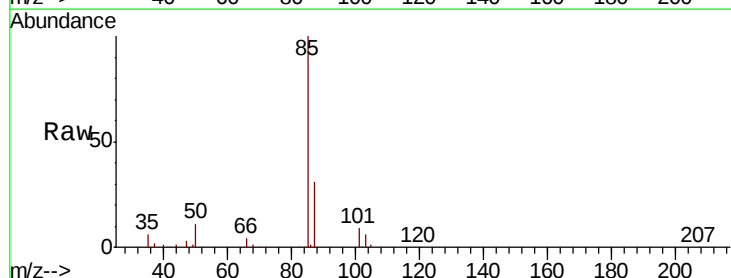
Acq: 05 Nov 2020 17:34

Tgt Ion: 85 Resp: 123252

Ion Ratio Lower Upper

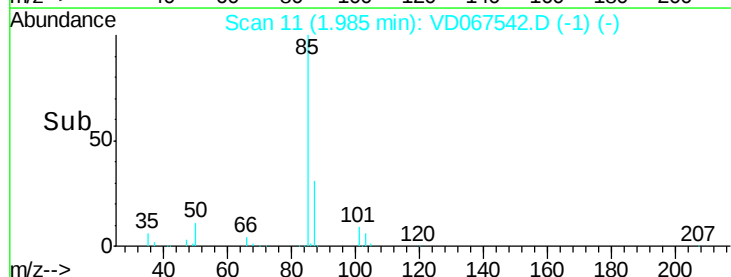
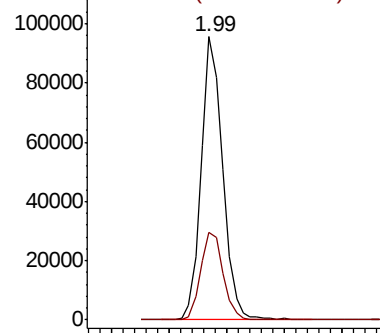
85 100

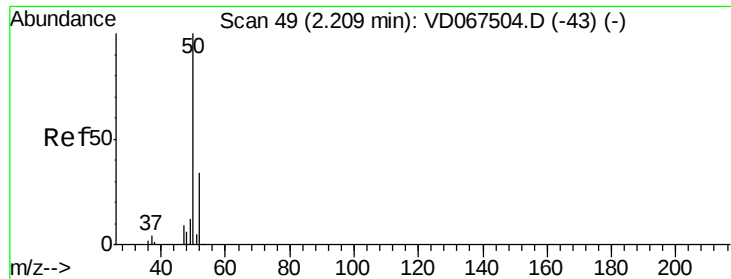
87 30.8 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 40.876 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 81624

Ion Ratio Lower Upper

50 100

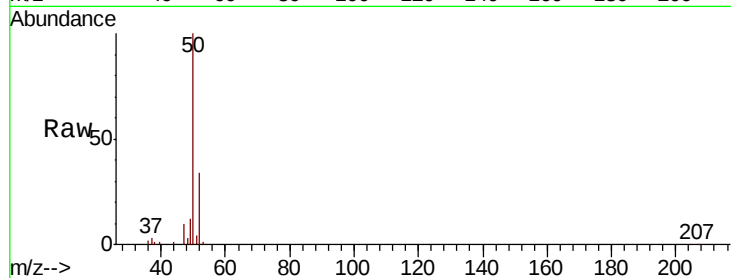
52 34.5 27.3 40.9

Manual Integrations

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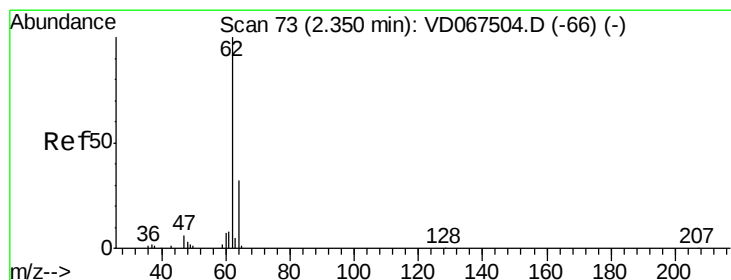
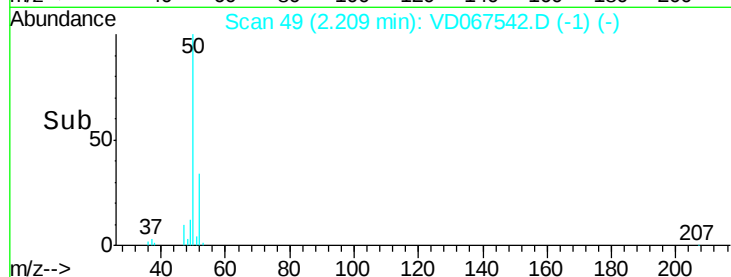
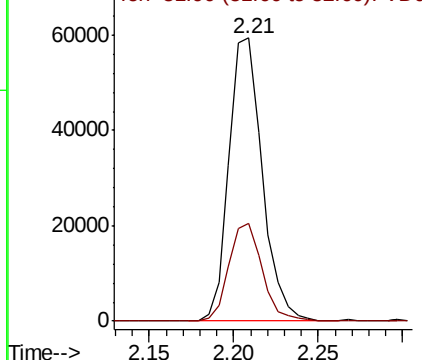
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 39.937 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD067542.D

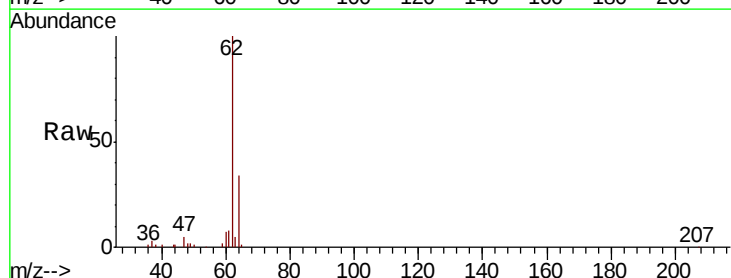
Acq: 05 Nov 2020 17:34

Tgt Ion: 62 Resp: 88914

Ion Ratio Lower Upper

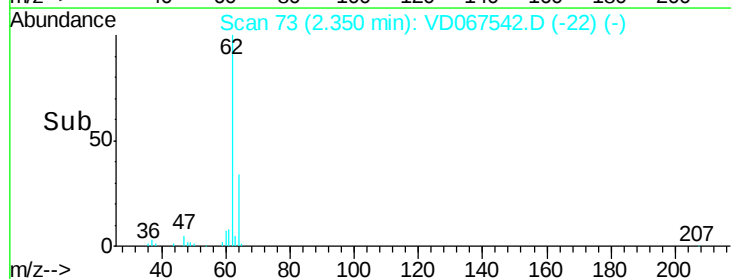
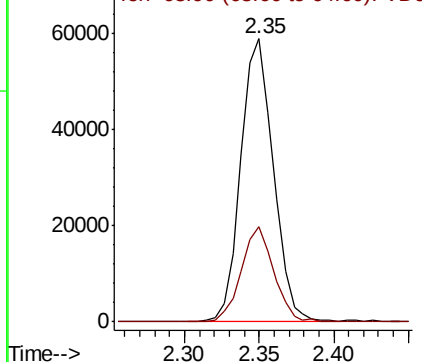
62 100

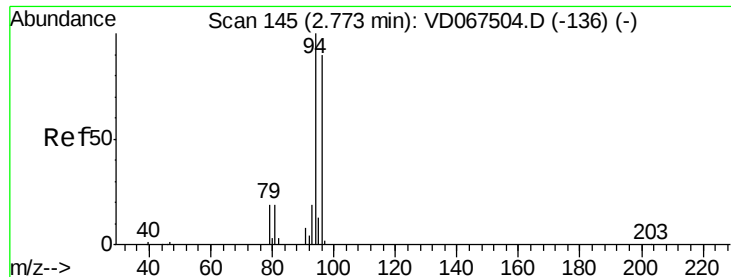
64 33.9 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 40.580 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 73227

Ion Ratio Lower Upper

94 100

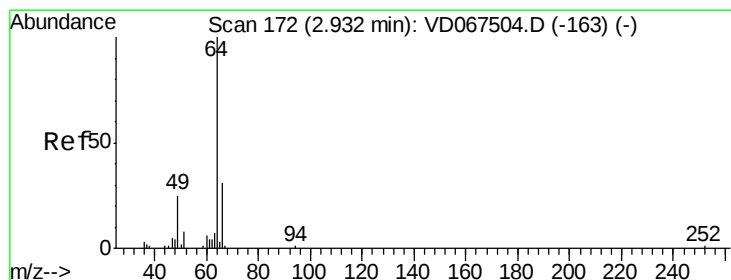
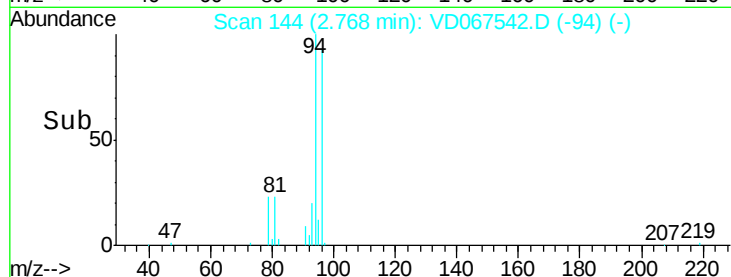
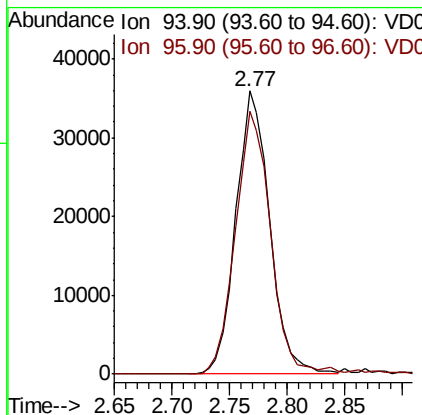
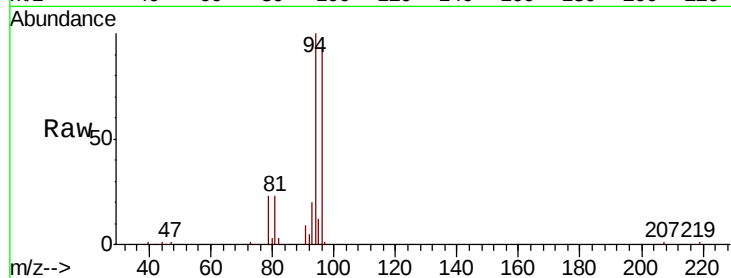
96 92.9 72.2 108.2

Manual Integrations

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#6

Chloroethane

Concen: 40.728 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD067542.D

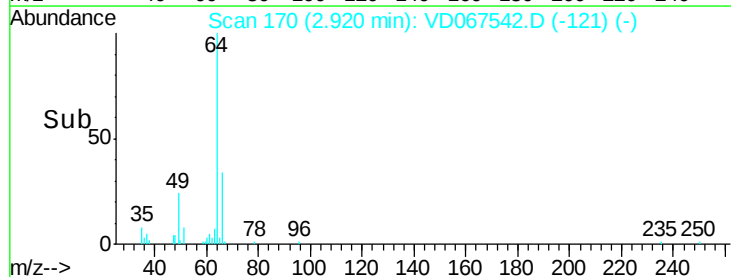
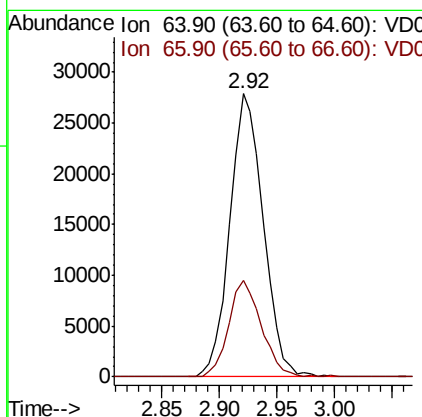
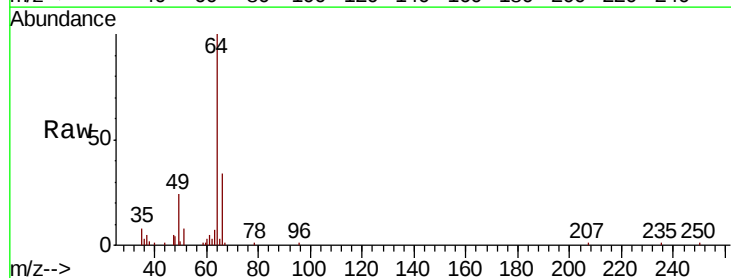
Acq: 05 Nov 2020 17:34

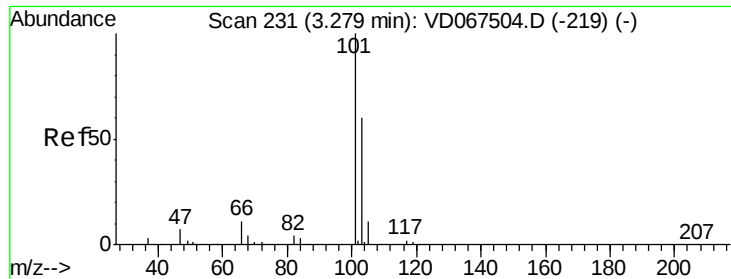
Tgt Ion: 64 Resp: 55902

Ion Ratio Lower Upper

64 100

66 33.9 24.6 36.8





#7

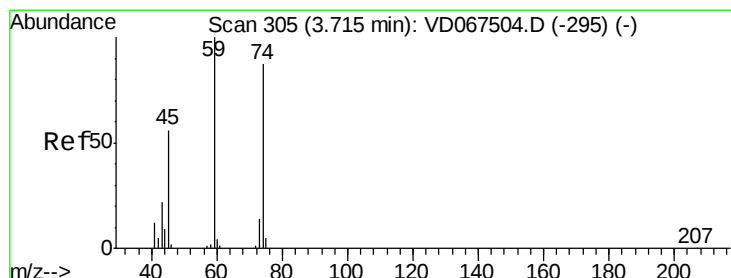
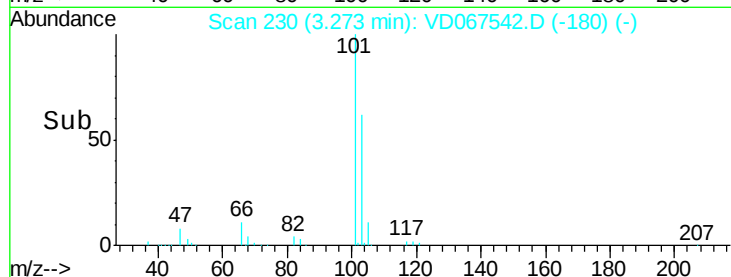
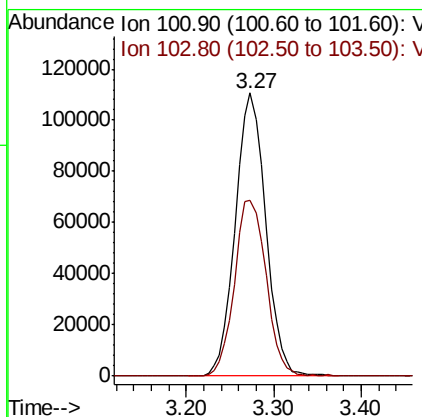
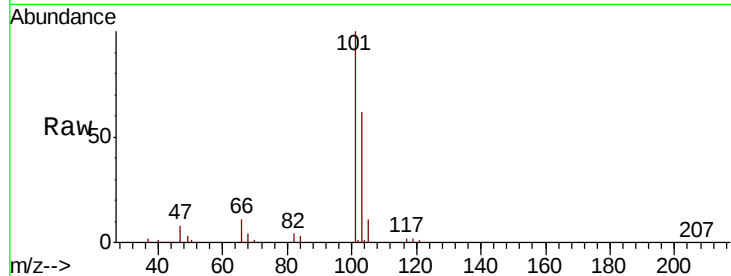
Trichlorofluoromethane
Concen: 45.218 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.01 min
Lab File: VD067542.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		260664		
103	62.1	48.1	72.1		

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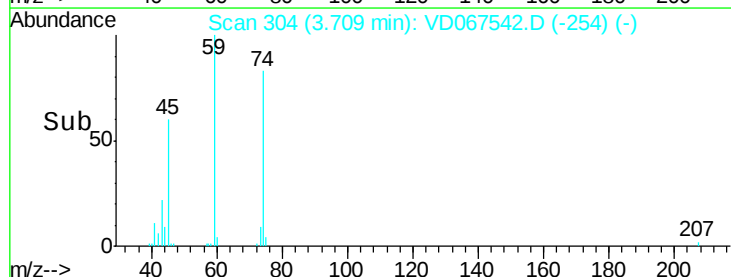
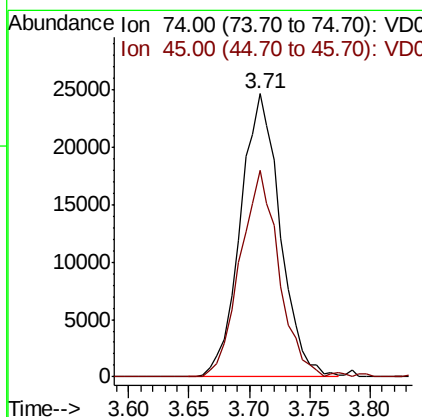
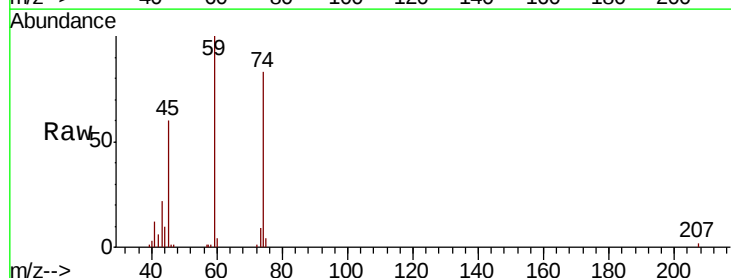
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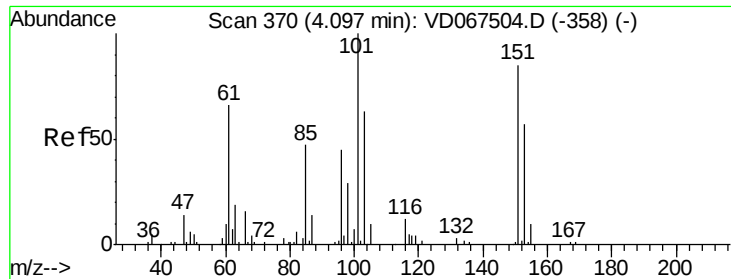


#8

Diethyl Ether
Concen: 48.728 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.01 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		56600		
45	70.7	38.2	114.6		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.232 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD067542.D

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Instrument :

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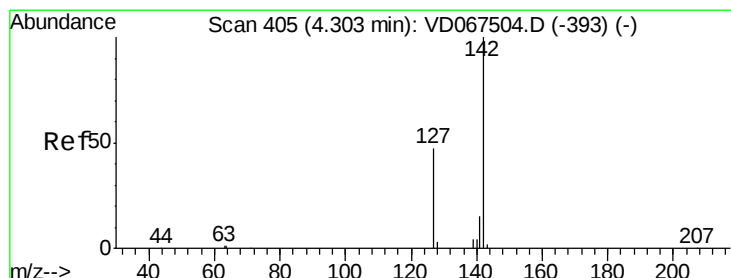
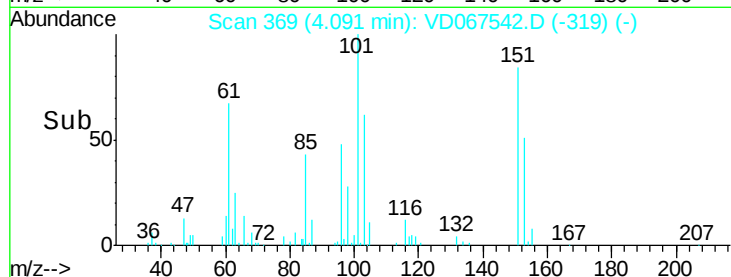
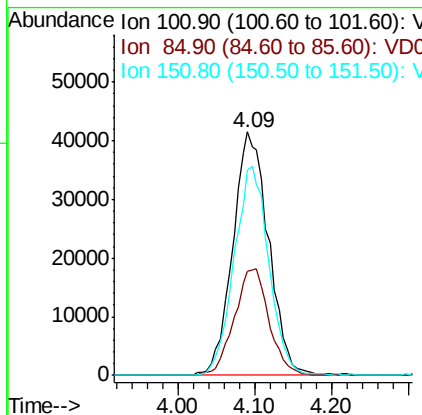
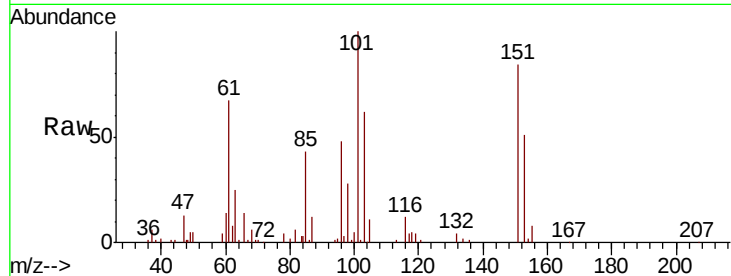
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	134527
Ion Ratio	Lower	Upper	
101	100		
85	42.7	34.4	51.6
151	83.2	68.1	102.1

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#10

Methyl Iodide

Concen: 44.097 ug/l

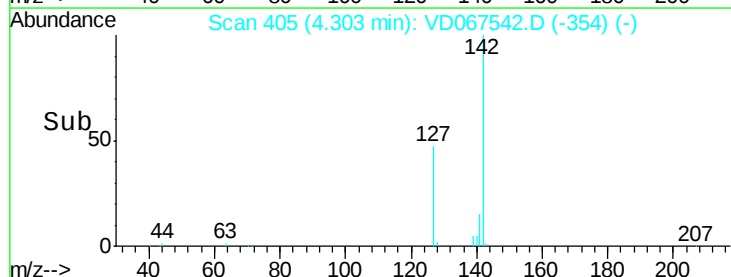
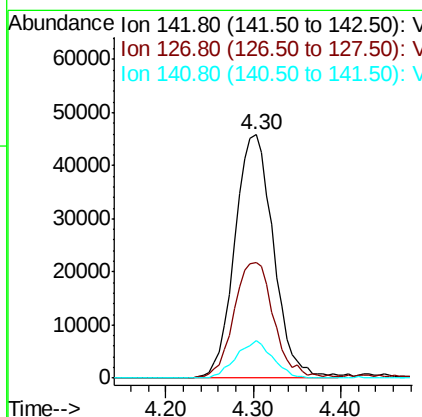
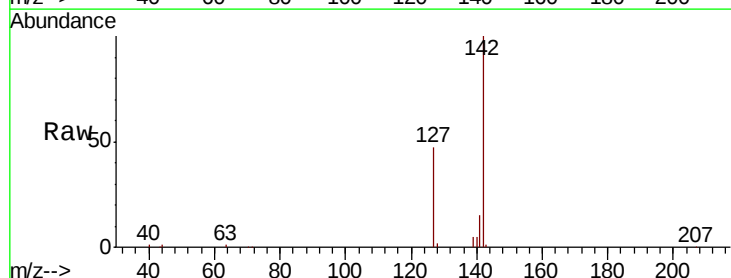
RT: 4.30 min Scan# 405

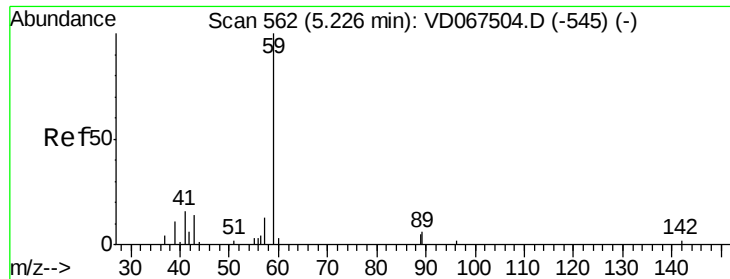
Delta R.T. -0.00 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Tgt Ion:	142	Resp:	137525
Ion Ratio	Lower	Upper	
142	100		
127	49.1	40.0	60.0
141	14.6	11.7	17.5





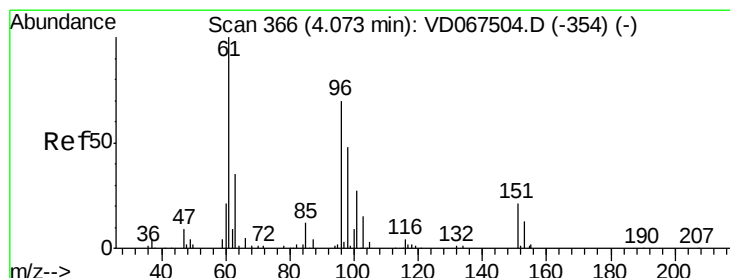
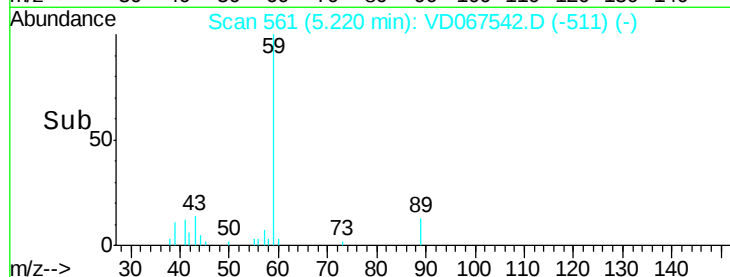
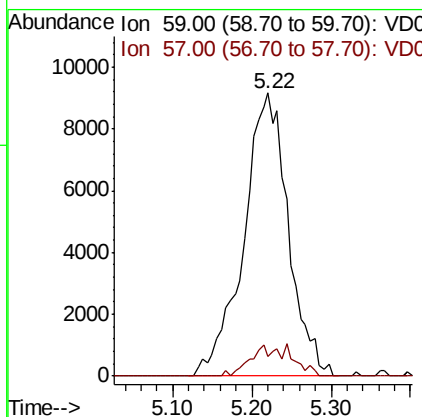
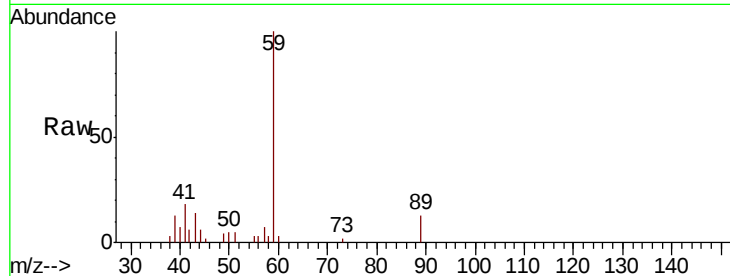
#11
Tert butyl alcohol
Concen: 301.580 ug/l
RT: 5.22 min Scan# 561
Delta R.T. -0.01 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 35937
Ion Ratio Lower Upper
59 100
57 5.3 5.9 8.9#

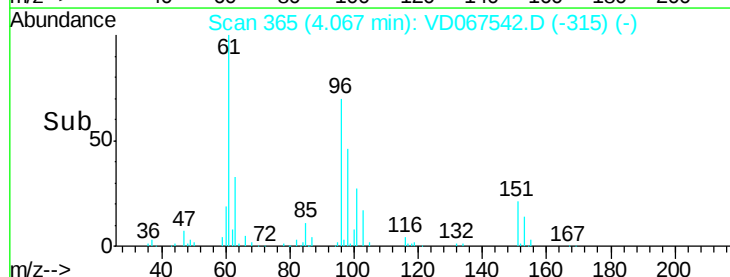
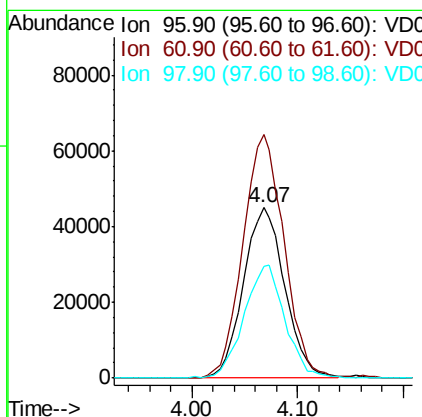
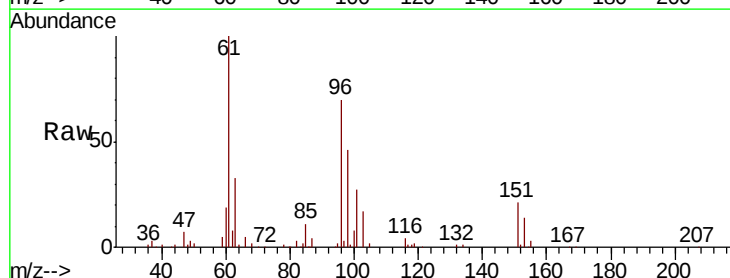
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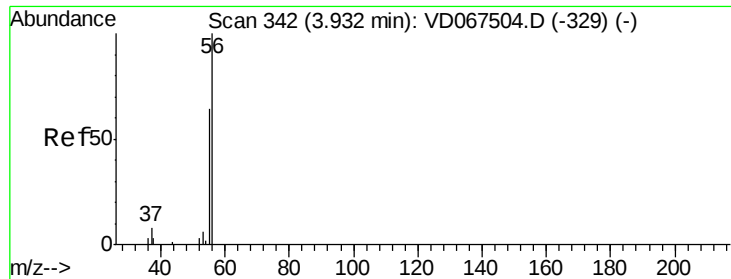
MMDadoda
11/6/2020 9:24:35 AM



#12
1,1-Dichloroethene
Concen: 45.842 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.01 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Tgt Ion: 96 Resp: 122695
Ion Ratio Lower Upper
96 100
61 143.1 114.5 171.7
98 65.9 54.5 81.7





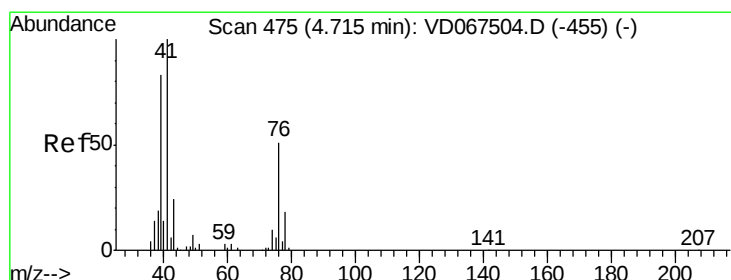
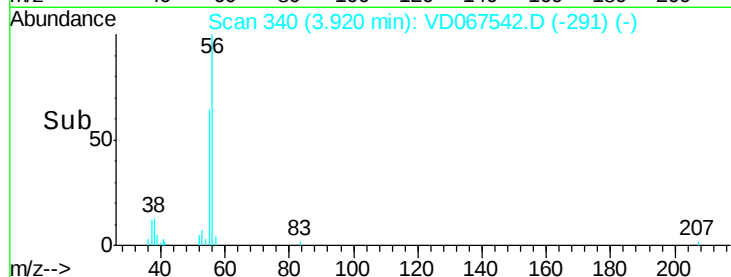
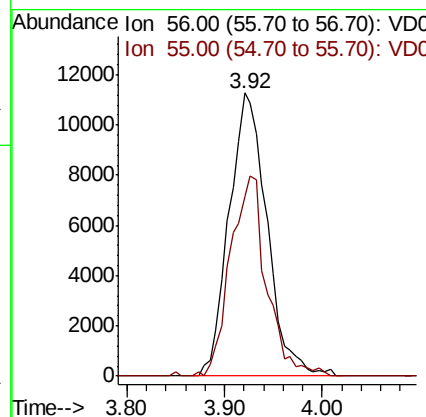
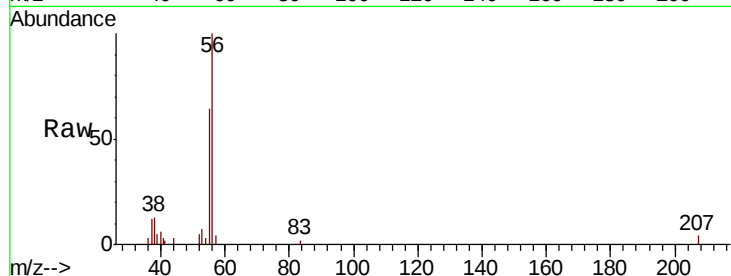
#13
Acrolein
Concen: 245.310 ug/l
RT: 3.92 min Scan# 340
Delta R.T. -0.01 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	30455
Ion Ratio	100	Lower	Upper
55	67.9	55.8	83.8

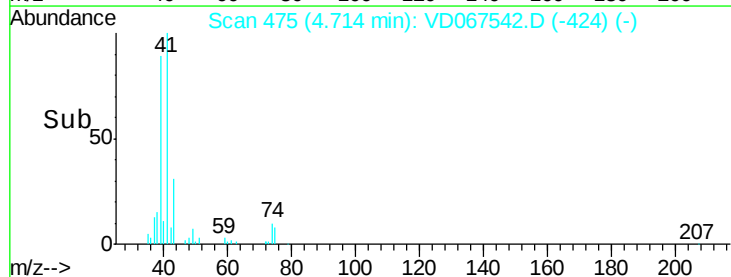
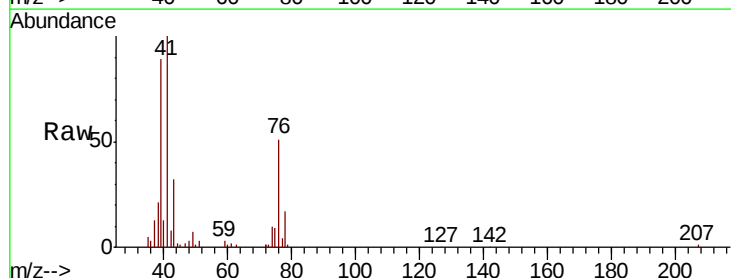
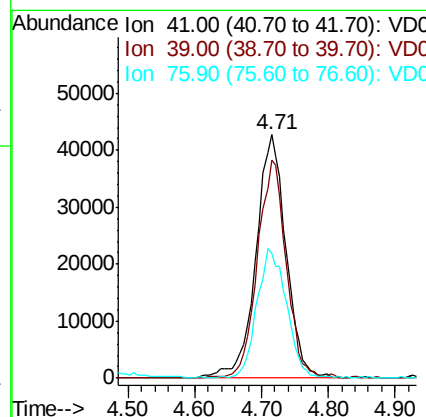
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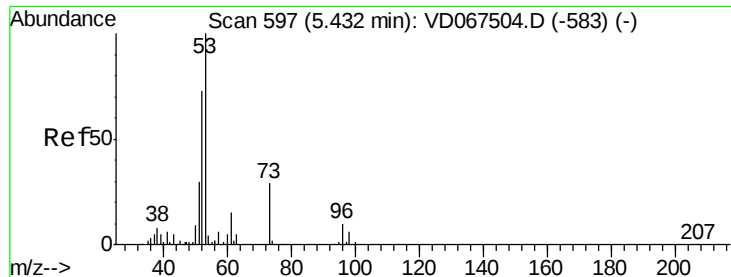
MMDadoda
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#14
Allyl chloride
Concen: 46.022 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.00 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Tgt Ion	41	Resp	131832
Ion Ratio	100	Lower	Upper
39	85.7	67.4	101.0
76	52.3	42.2	63.2





#15

Acrylonitrile

Concen: 247.446 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Instrument :

MSVOA_D

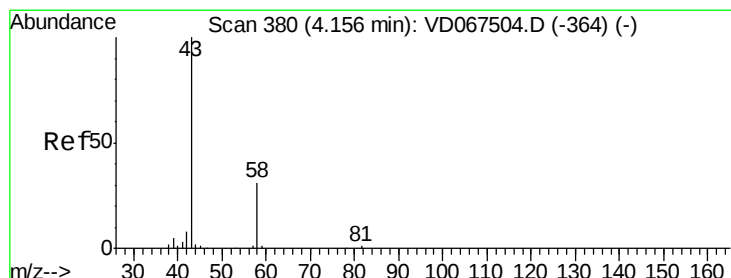
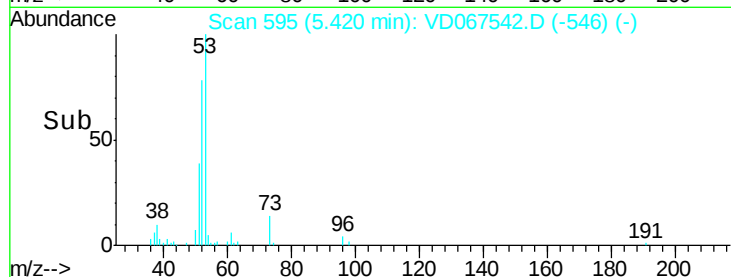
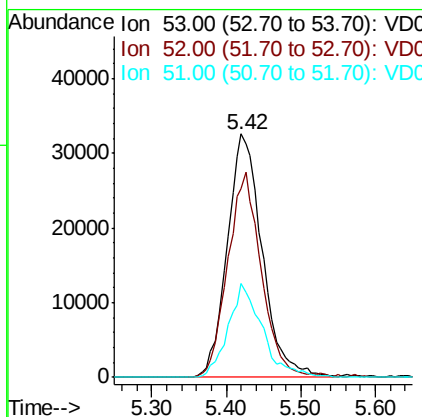
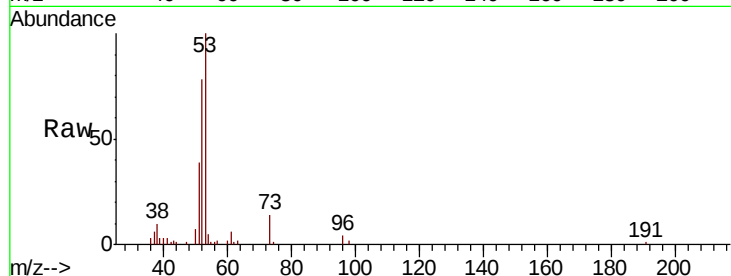
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	106247
Ion Ratio	Lower	Upper	
53	100		
52	80.4	64.8	97.2
51	37.7	29.5	44.3

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#16

Acetone

Concen: 230.646 ug/l

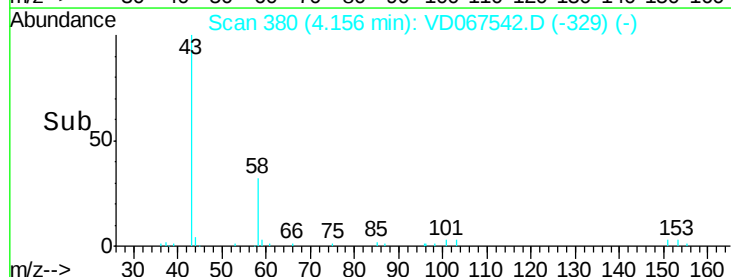
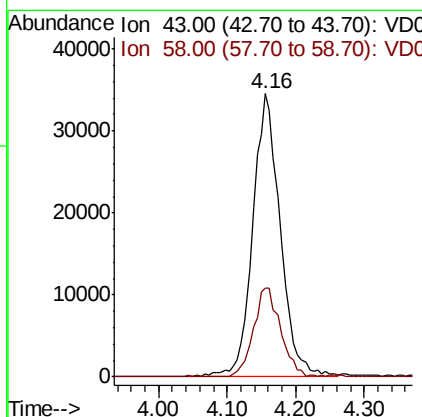
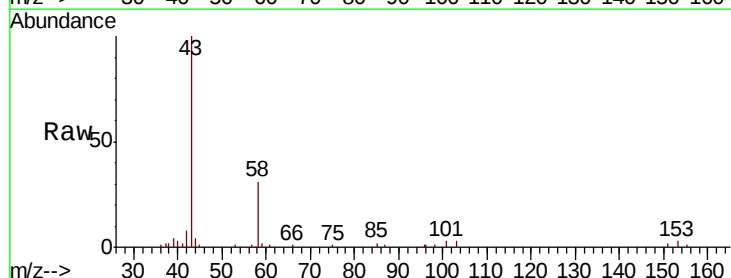
RT: 4.16 min Scan# 380

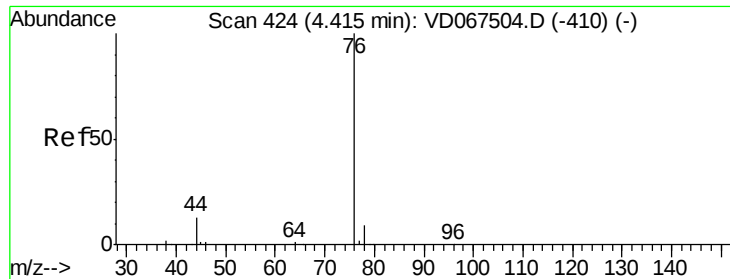
Delta R.T. -0.00 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Tgt Ion:	43	Resp:	96777
Ion Ratio	Lower	Upper	
43	100		
58	30.9	25.2	37.8





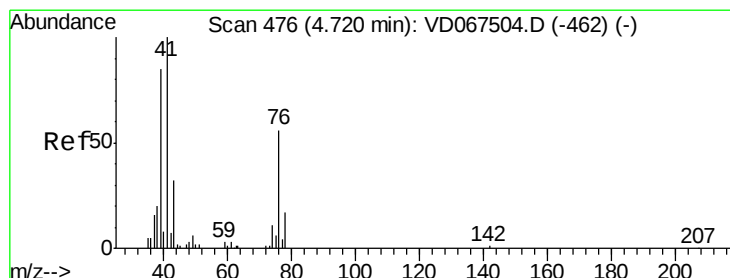
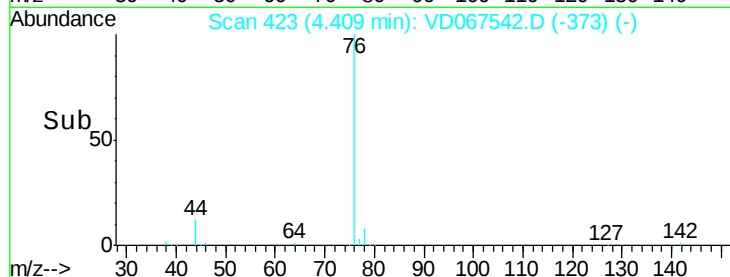
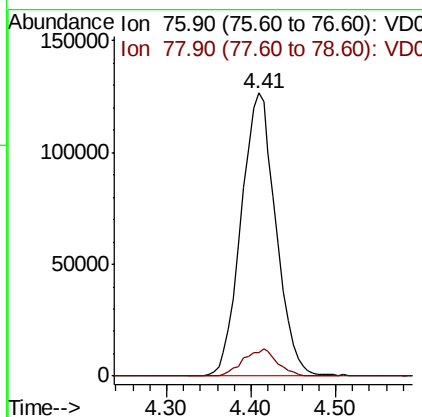
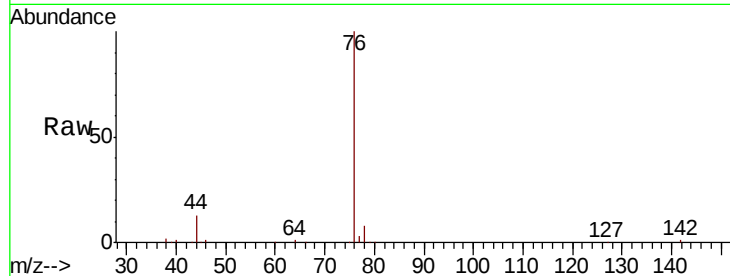
#17
Carbon Disulfide
Concen: 43.958 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.01 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.2	10.8

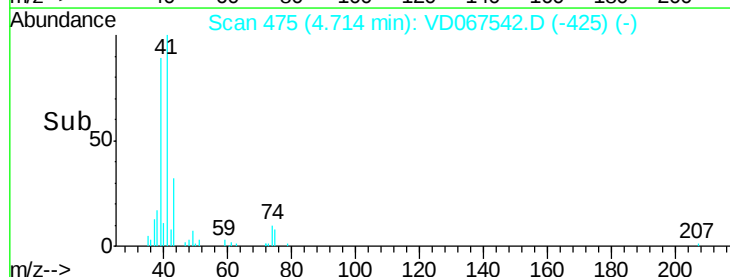
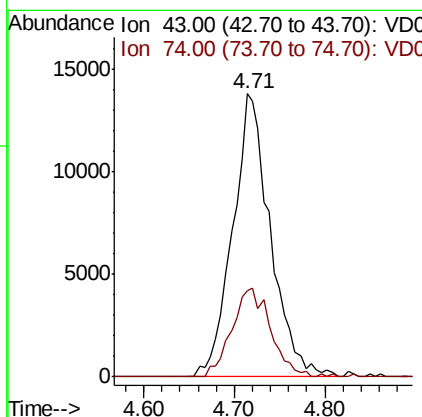
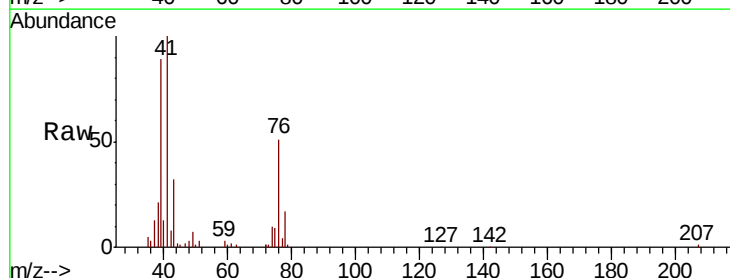
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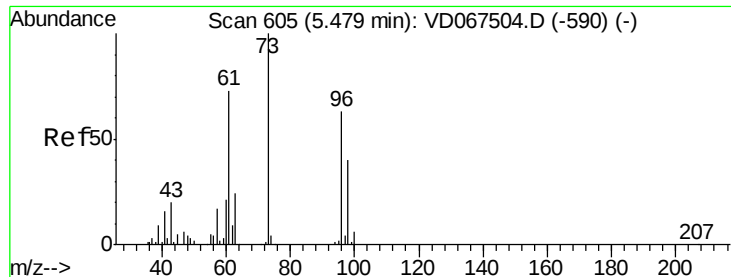
MMDadoda
11/6/2020 9:24:35 AM



#18
Methyl Acetate
Concen: 46.016 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Tgt Ion	Ratio	Lower	Upper
43	100		
74	32.2	27.2	40.8





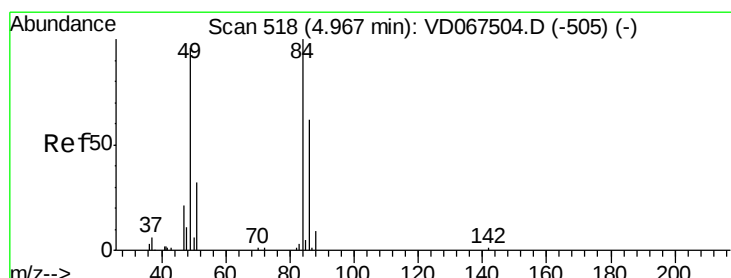
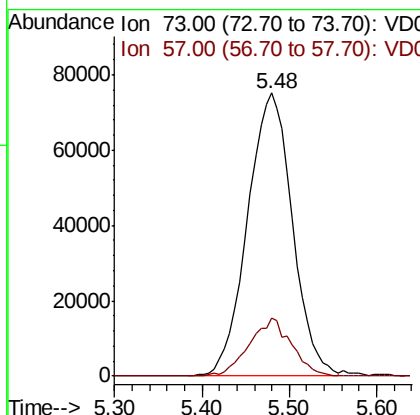
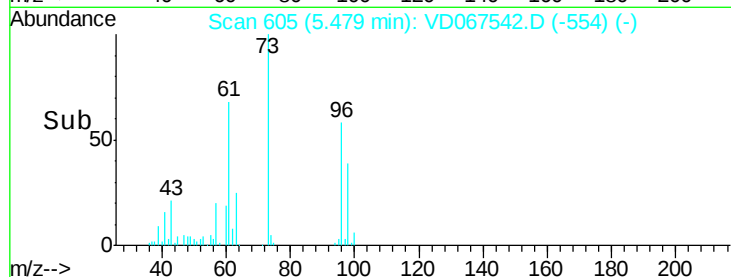
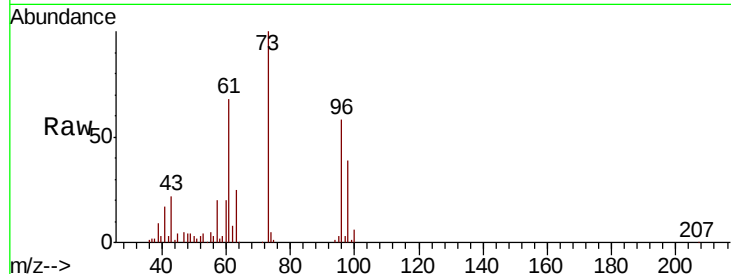
#19
Methyl tert-butyl Ether
Concen: 49.952 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 263714
Ion Ratio Lower Upper
73 100
57 20.4 13.4 20.0#

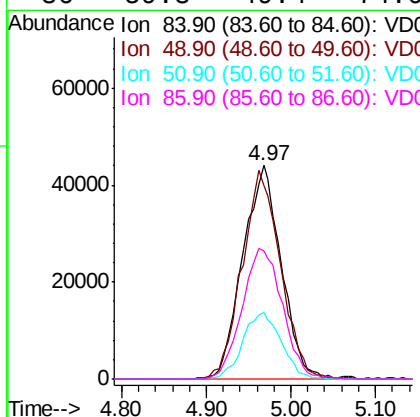
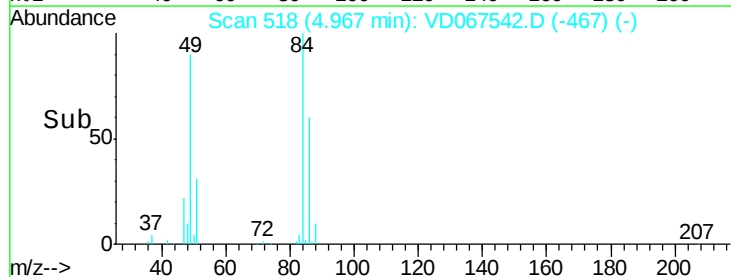
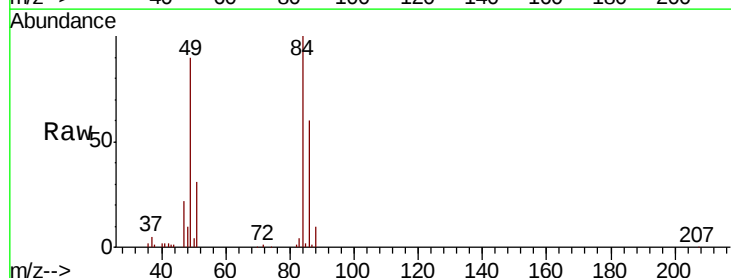
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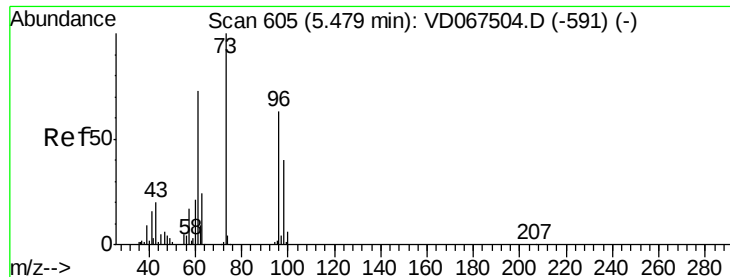
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#20
Methylene Chloride
Concen: 47.027 ug/l
RT: 4.97 min Scan# 518
Delta R.T. -0.00 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Tgt Ion: 84 Resp: 139384
Ion Ratio Lower Upper
84 100
49 90.4 77.0 115.4
51 30.9 25.4 38.2
86 59.8 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 45.013 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Instrument :

MSVOA_D

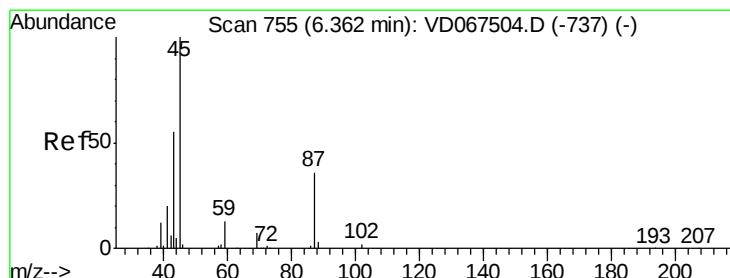
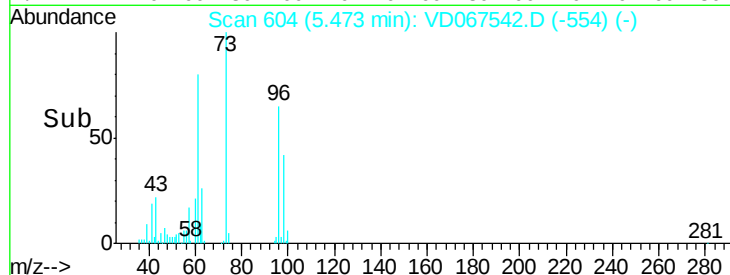
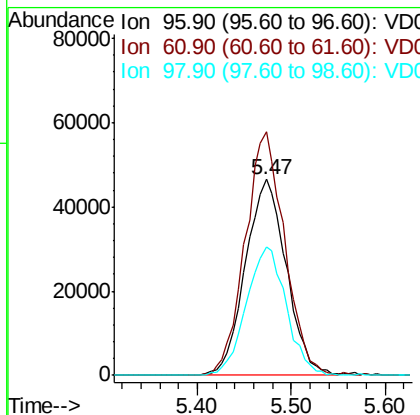
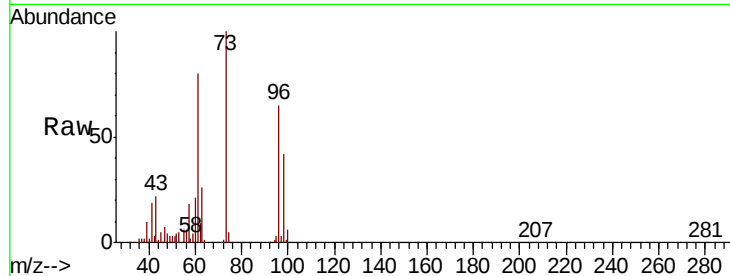
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	140325
Ion	Ratio	Lower	Upper
96	100		
61	124.2	93.0	139.6
98	65.3	50.9	76.3

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#22

Diisopropyl ether

Concen: 48.561 ug/l

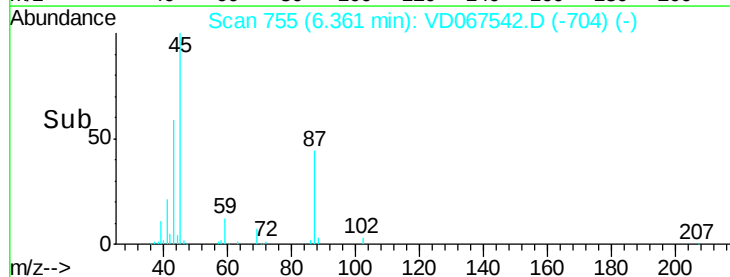
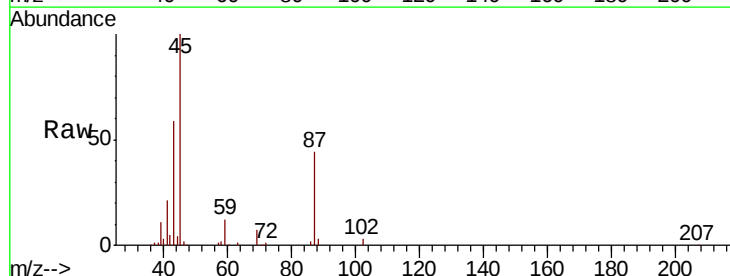
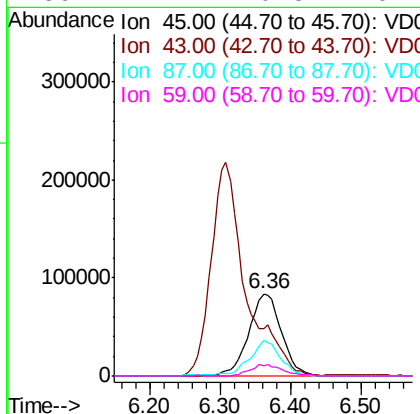
RT: 6.36 min Scan# 755

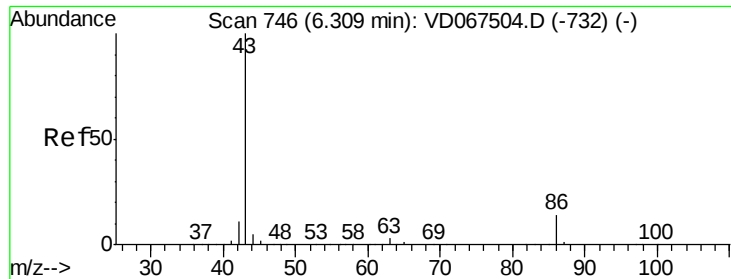
Delta R.T. -0.00 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Tgt Ion:	45	Resp:	271074
Ion	Ratio	Lower	Upper
45	100		
43	57.4	46.2	69.4
87	43.3	29.4	44.2
59	12.2	10.8	16.2





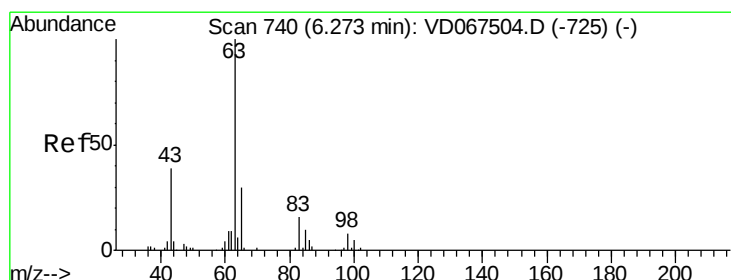
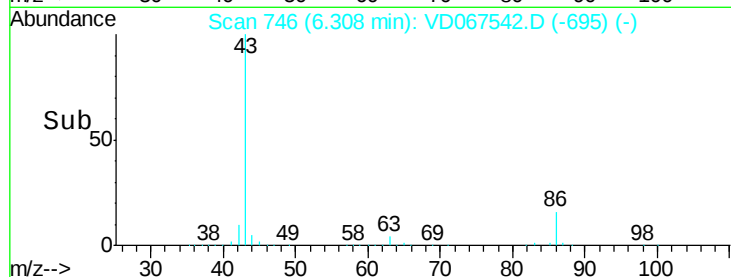
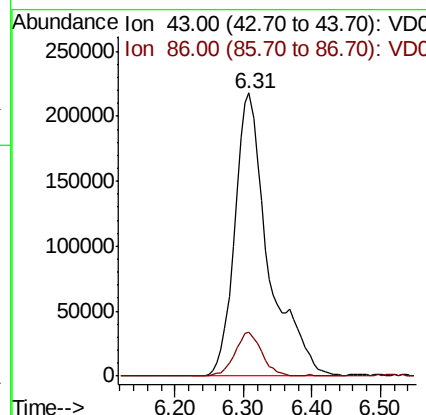
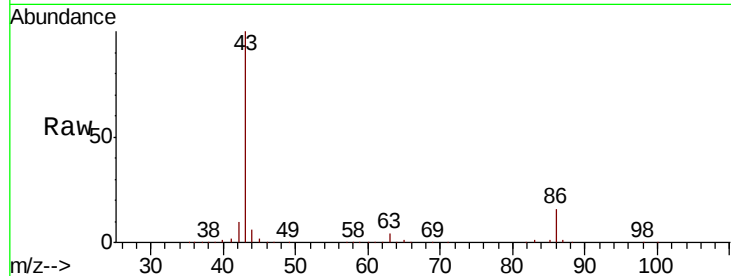
#23
 Vinyl Acetate
 Concen: 254.055 ug/l
 RT: 6.31 min Scan# 746
 Delta R.T. -0.00 min
 Lab File: VD067542.D
 Acq: 05 Nov 2020 17:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
86	15.7	11.6	17.4

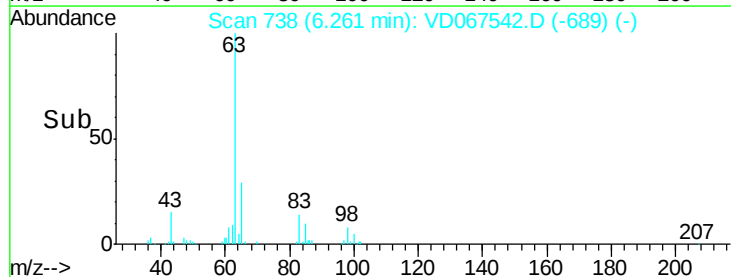
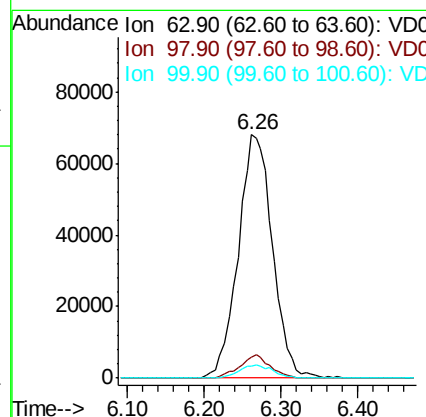
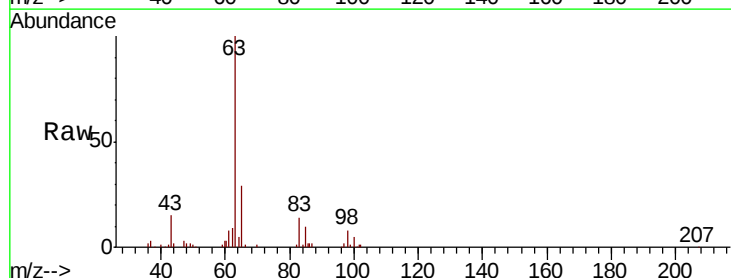
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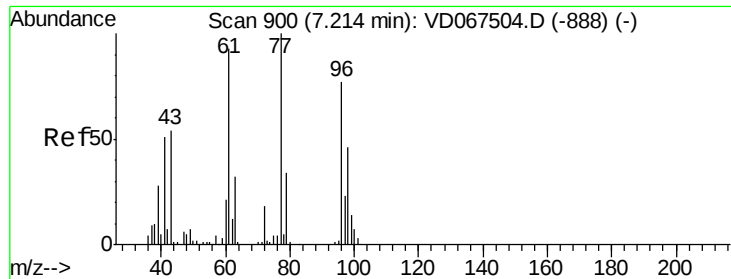
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#24
 1,1-Dichloroethane
 Concen: 46.260 ug/l
 RT: 6.26 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: VD067542.D
 Acq: 05 Nov 2020 17:34

Tgt Ion	Ratio	Lower	Upper
63	100		
98	8.3	3.9	11.5
100	5.1	2.6	7.8





#25

2-Butanone

Concen: 240.583 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 107864

Ion Ratio Lower Upper

43 100

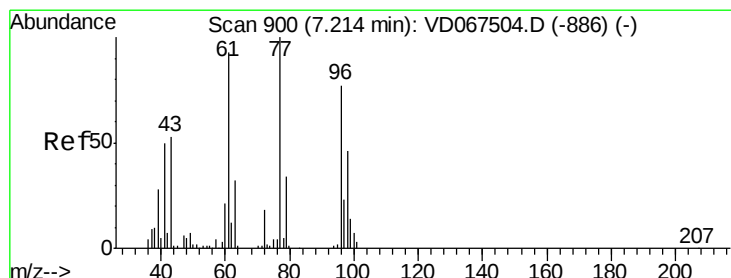
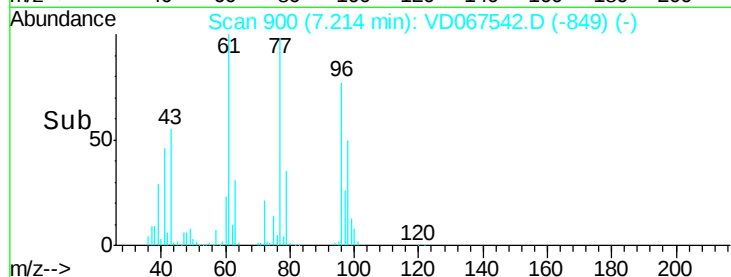
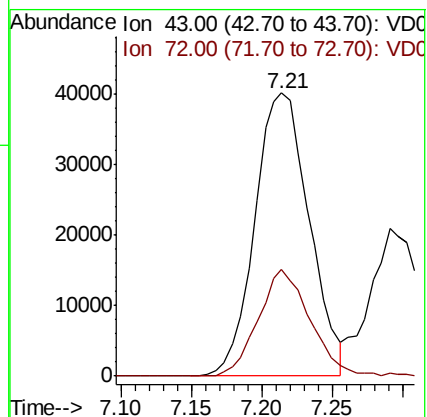
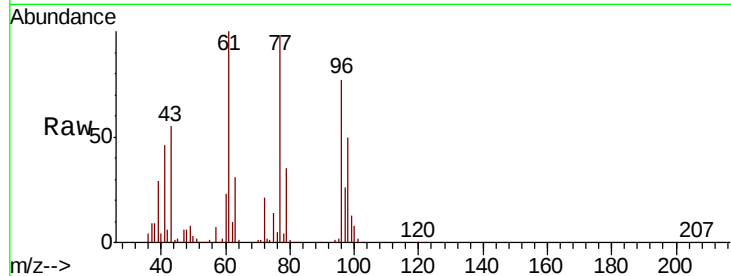
72 37.9 26.4 39.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 45.530 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067542.D

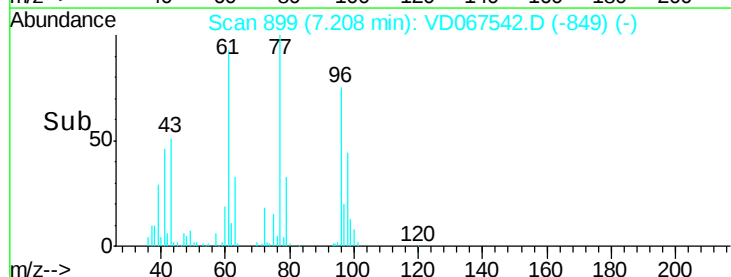
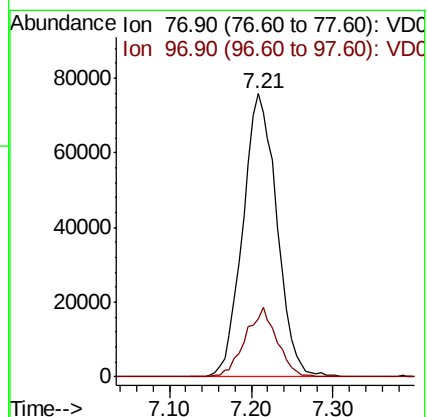
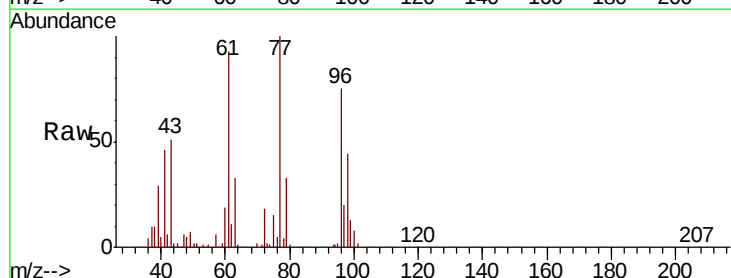
Acq: 05 Nov 2020 17:34

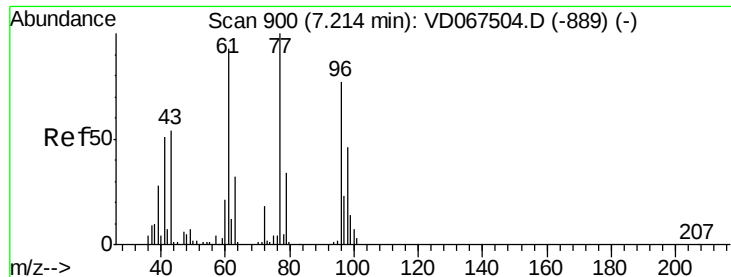
Tgt Ion: 77 Resp: 219439

Ion Ratio Lower Upper

77 100

97 22.7 11.1 33.3





#27

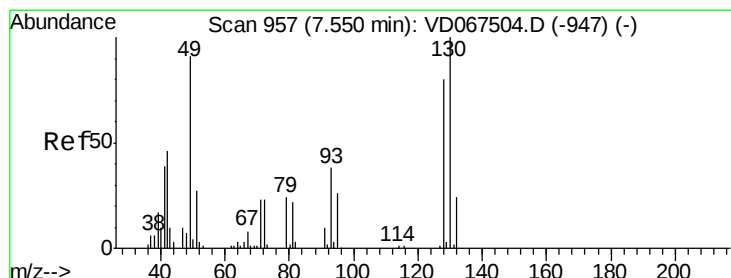
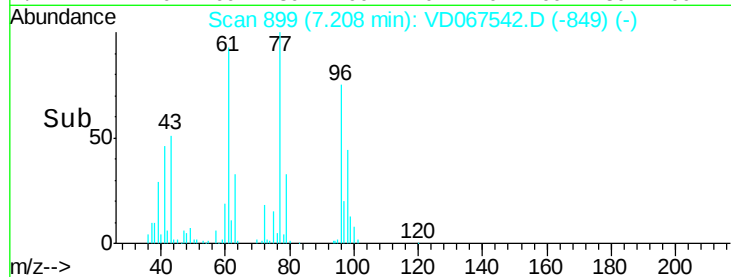
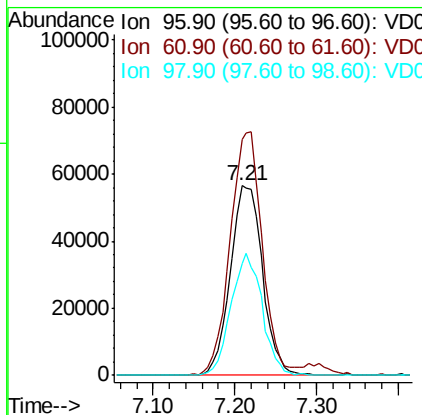
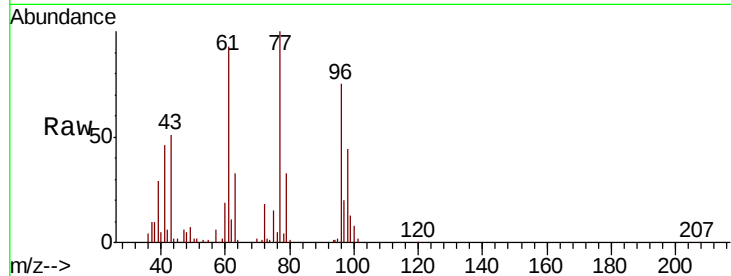
cis-1,2-Dichloroethene
 Concen: 48.032 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD067542.D
 Acq: 05 Nov 2020 17:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	155420		
61	127.3	0.0	251.6	
98	62.0	0.0	128.0	

Manual Integrations
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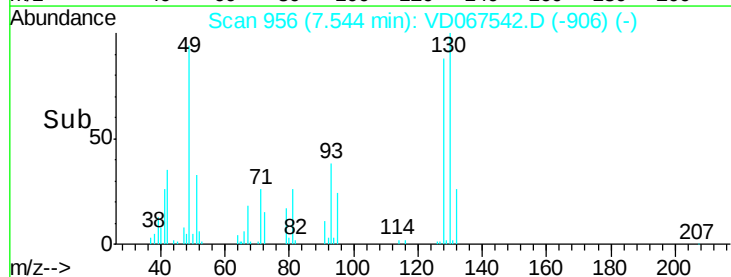
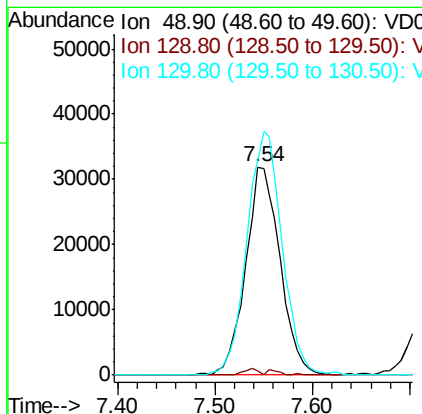
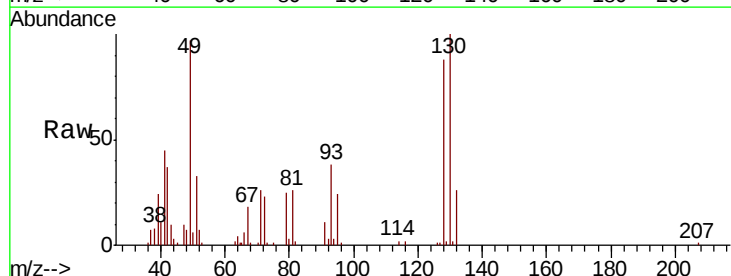
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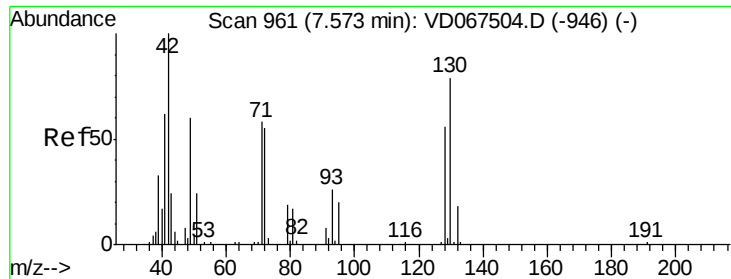


#28

Bromochloromethane
 Concen: 48.511 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD067542.D
 Acq: 05 Nov 2020 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	78801		
129	0.9	0.0	6.4	
130	120.2	94.6	142.0	





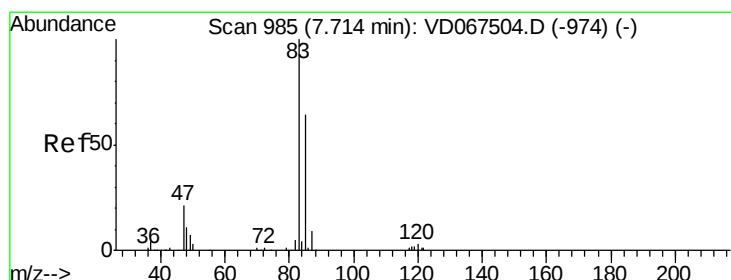
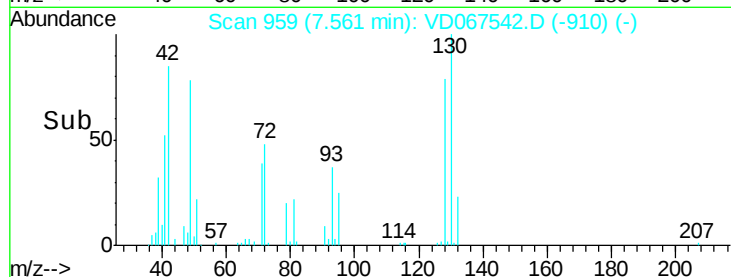
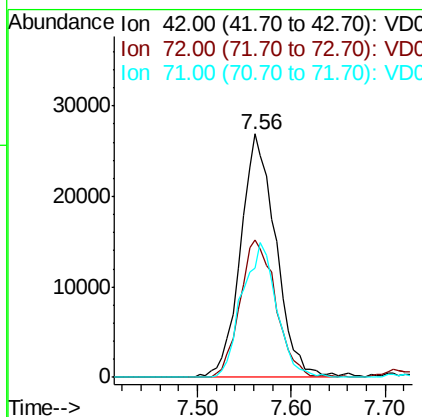
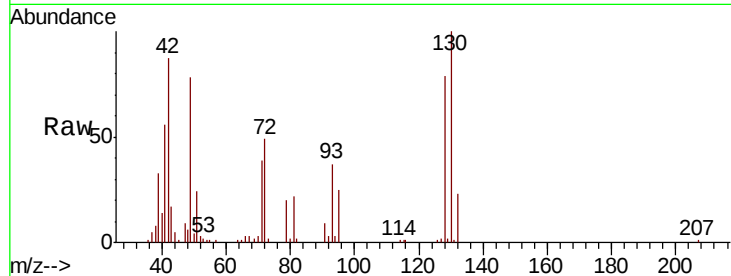
#29
Tetrahydrofuran
Concen: 260.537 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	57.3	46.3	69.5
71	54.1	44.0	66.0

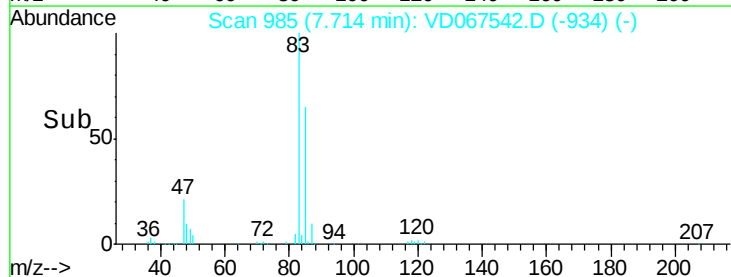
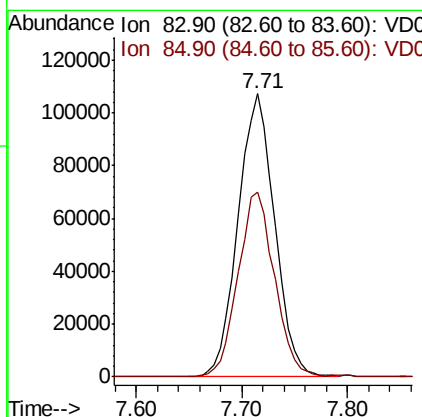
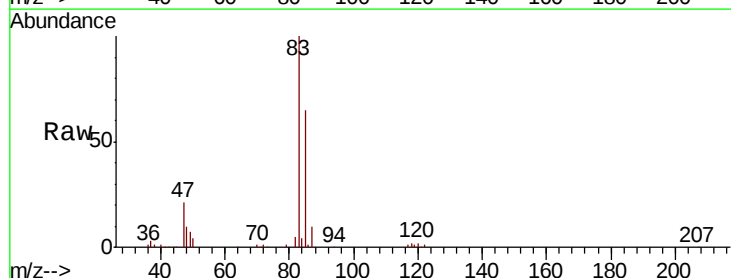
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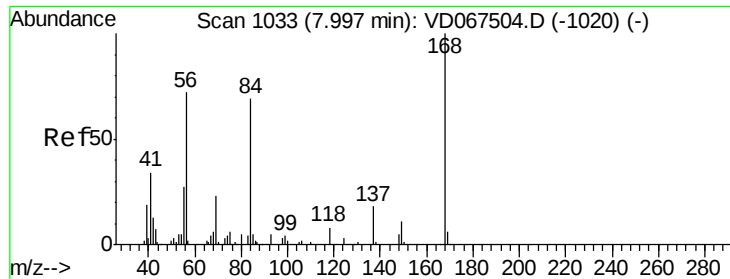
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#30
Chloroform
Concen: 47.361 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.5	77.3





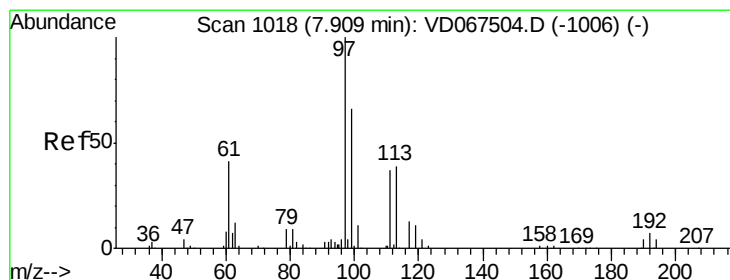
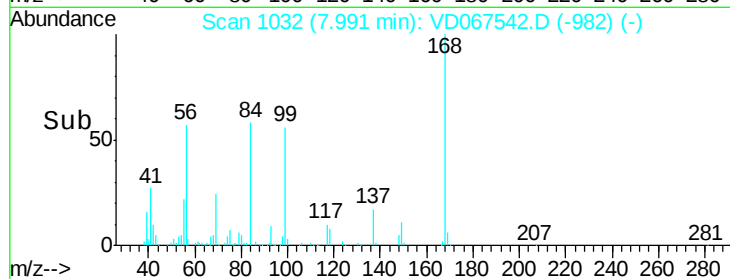
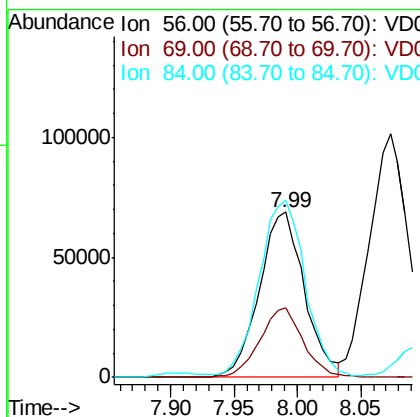
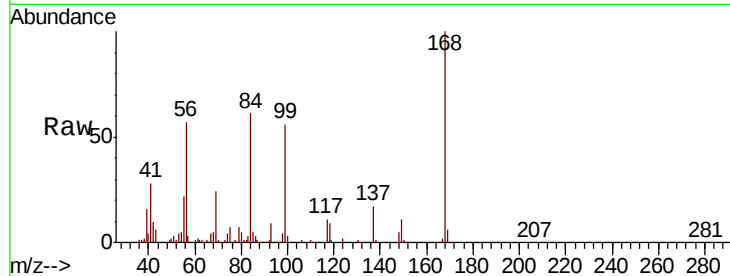
#31
Cyclohexane
Concen: 41.880 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. -0.01 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	170314
Ion Ratio	100	Lower	Upper
56	100		
69	41.8	25.9	38.9#
84	104.4	76.2	114.4

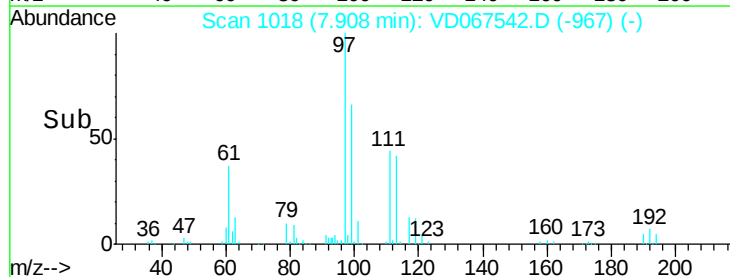
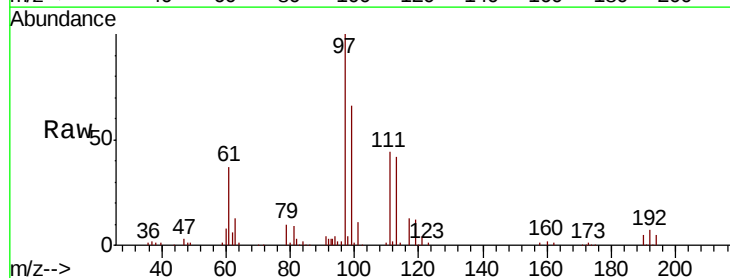
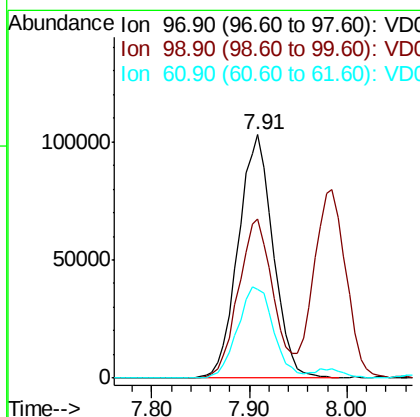
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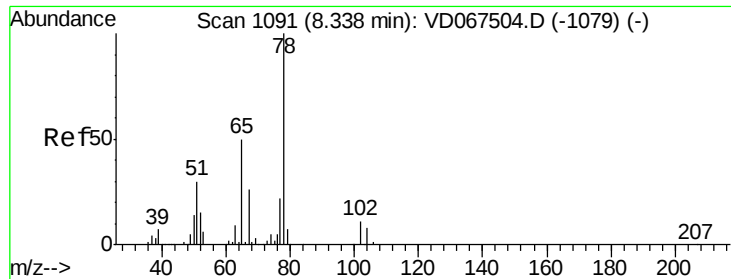
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#32
1,1,1-Trichloroethane
Concen: 45.733 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Tgt Ion	97	Resp	257077
Ion Ratio	100	Lower	Upper
97	100		
99	66.3	51.8	77.6
61	38.6	30.5	45.7





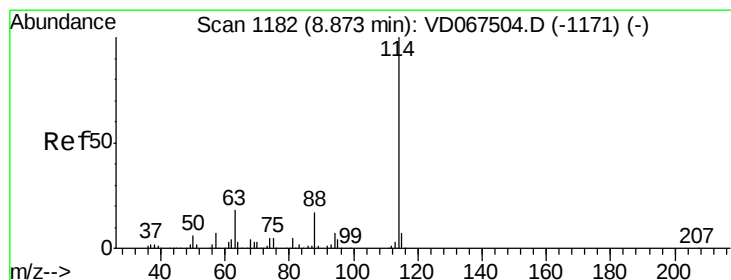
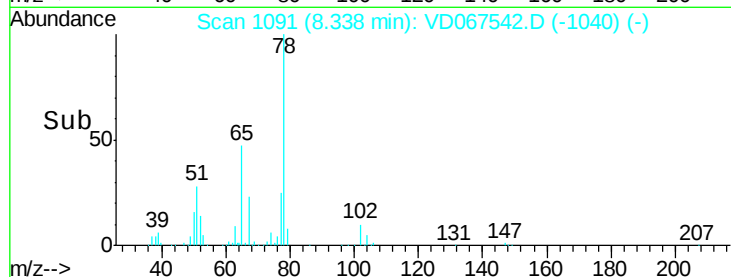
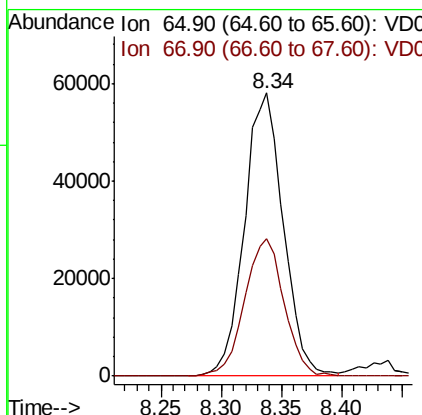
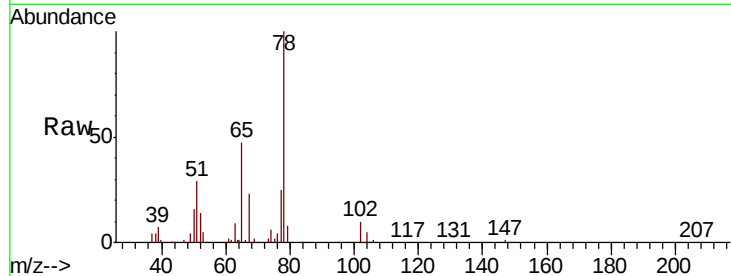
#33
 1,2-Dichloroethane-d4
 Concen: 46.266 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD067542.D
 Acq: 05 Nov 2020 17:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	99.4

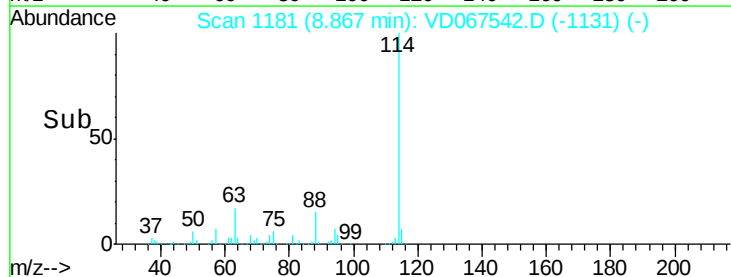
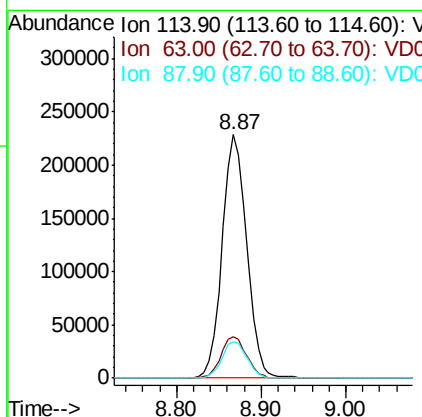
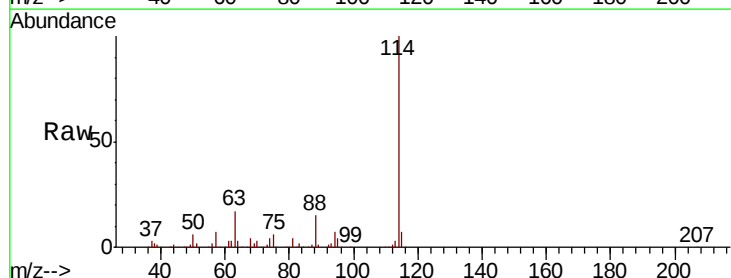
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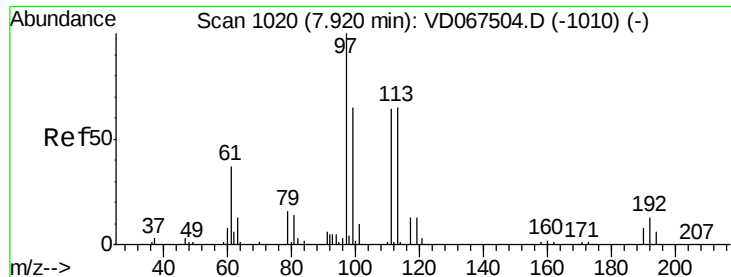
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067542.D
 Acq: 05 Nov 2020 17:34

Tgt Ion	Ratio	Lower	Upper
114	100		
63	16.8	0.0	35.0
88	15.0	0.0	33.0





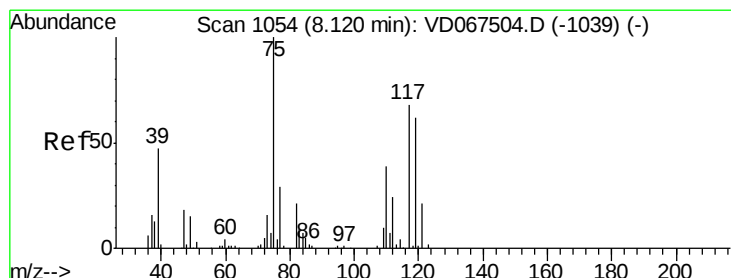
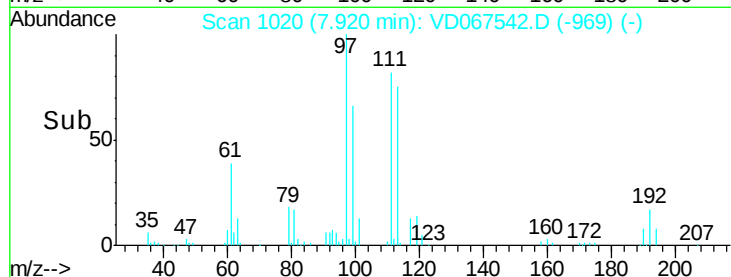
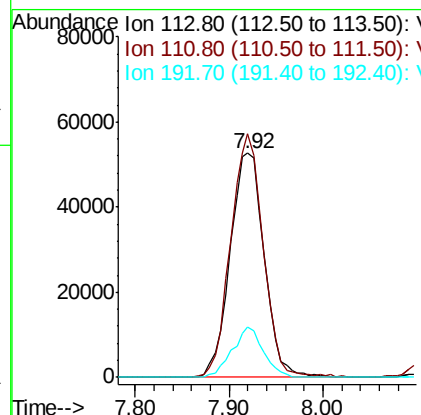
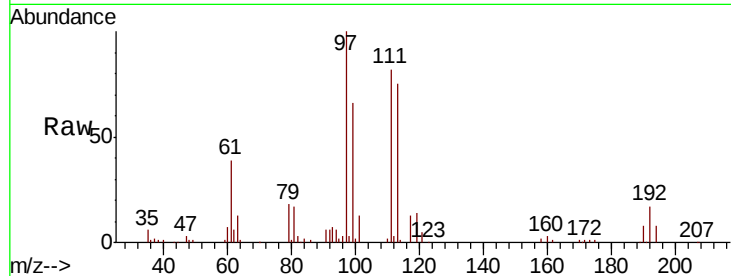
#35
 Dibromofluoromethane
 Concen: 47.954 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067542.D
 Acq: 05 Nov 2020 17:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	132918		
111	102.8	80.0	120.0	
192	20.5	16.3	24.5	

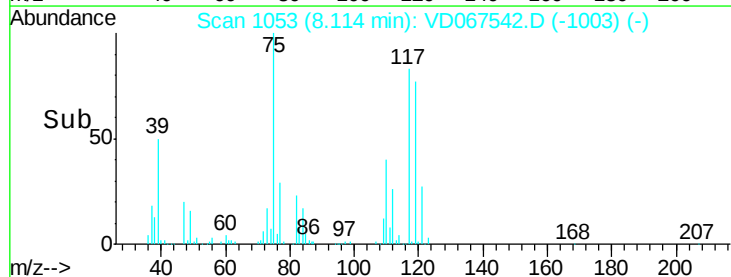
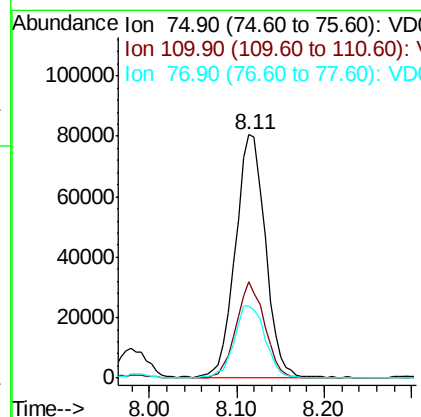
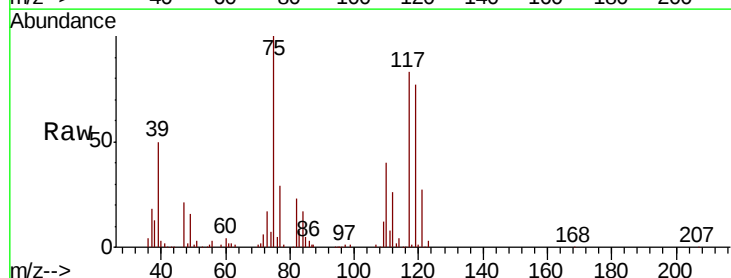
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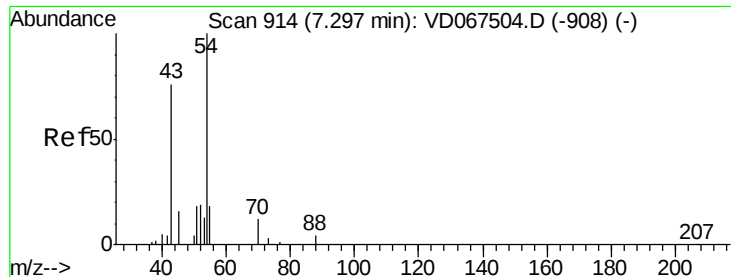
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#36
 1,1-Dichloropropene
 Concen: 47.358 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VD067542.D
 Acq: 05 Nov 2020 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	186493		
110	37.5	19.9	59.7	
77	30.8	24.8	37.2	





#37

Ethyl Acetate

Concen: 50.296 ug/l

RT: 7.29 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Instrument :

MSVOA_D

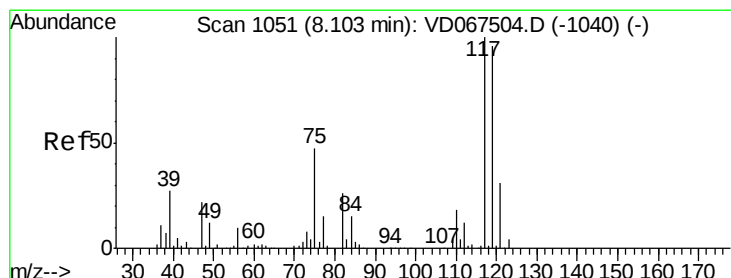
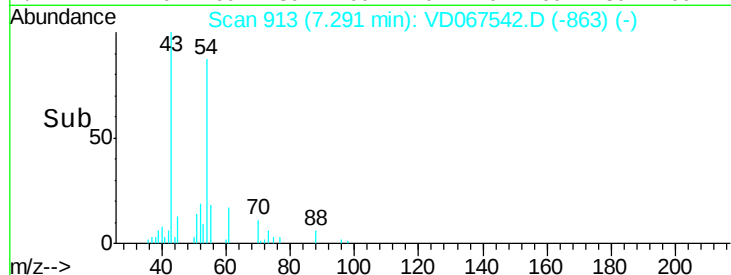
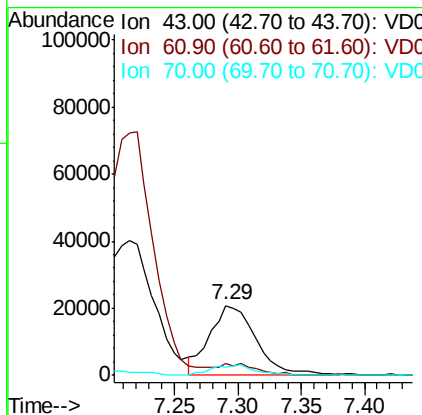
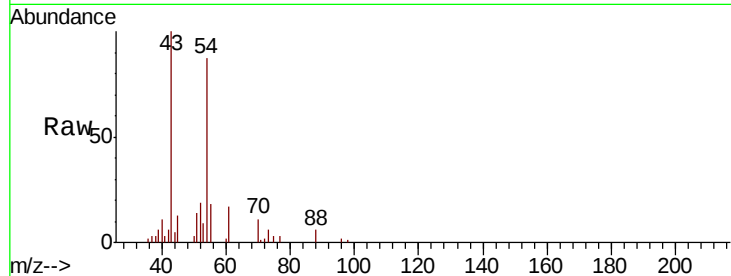
ClientSampleID :

VSTDCCC050EC

Tot Ion:	43	Resp:	51421
Ion	Ratio	Lower	Upper
43	100		
61	11.9	12.8	19.2#
70	14.9	11.7	17.5

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#38

Carbon Tetrachloride

Concen: 48.776 ug/l

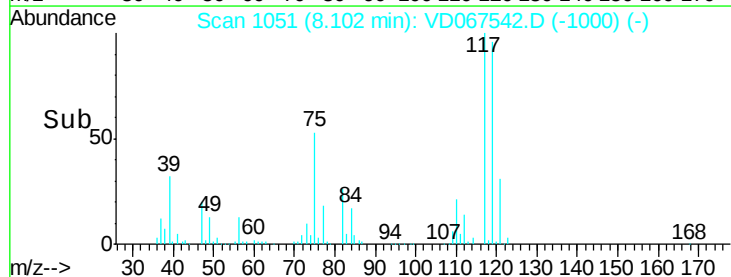
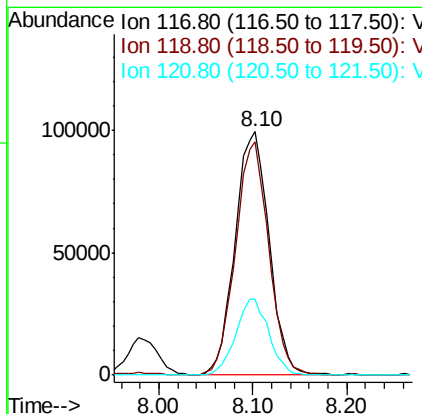
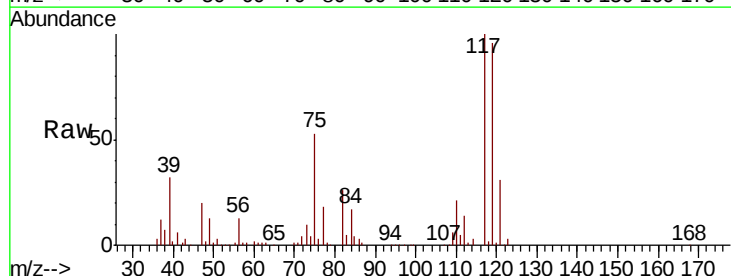
RT: 8.10 min Scan# 1051

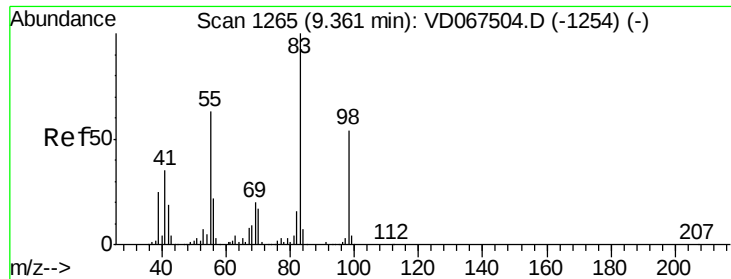
Delta R.T. -0.00 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Tgt Ion:	117	Resp:	249559
Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.9	115.3
121	31.1	24.5	36.7





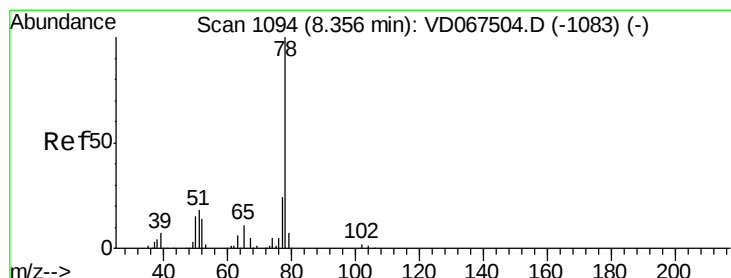
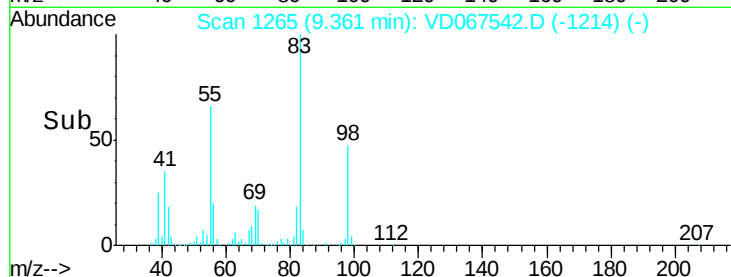
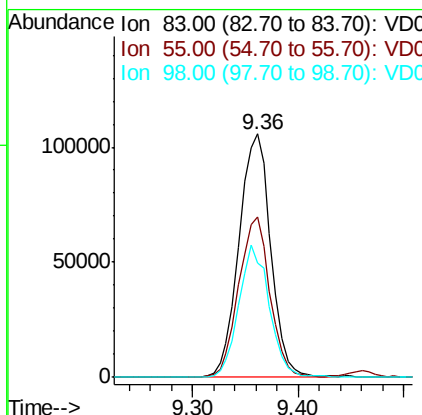
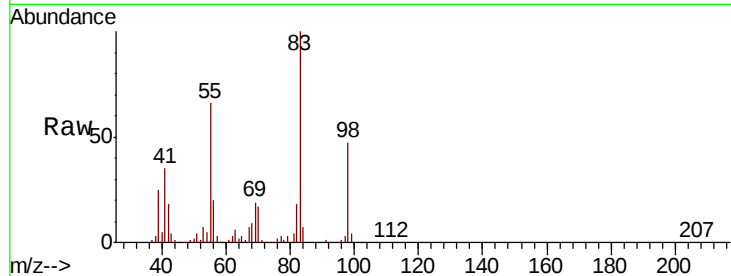
#39
Methvlcvclohexane
Concen: 47.612 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	65.9	50.5	75.7
98	47.2	43.4	65.0

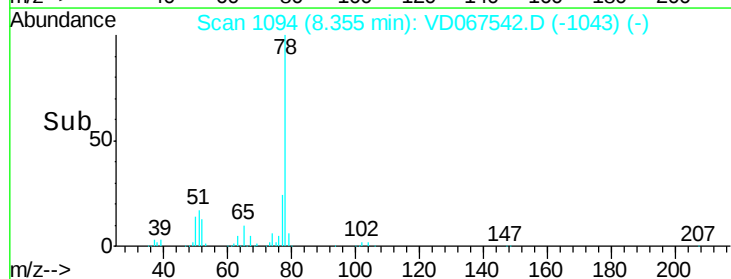
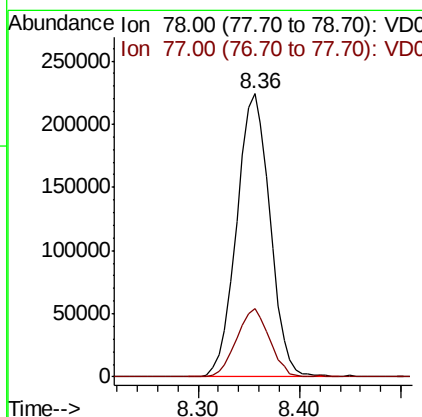
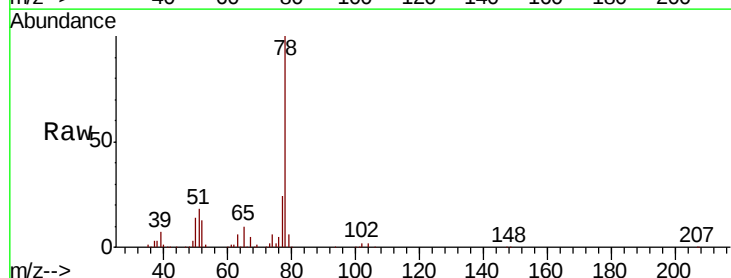
Manual Integrations
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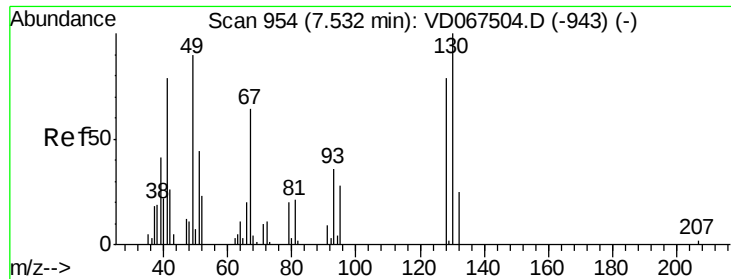
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#40
Benzene
Concen: 48.026 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.1	28.7





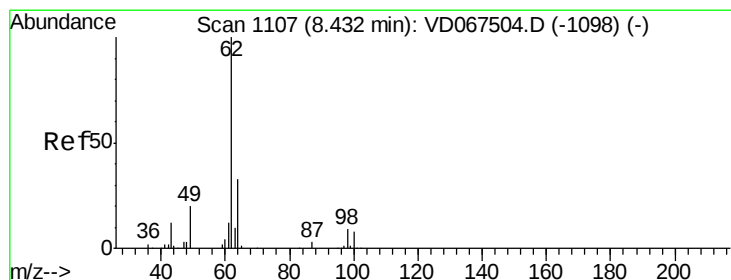
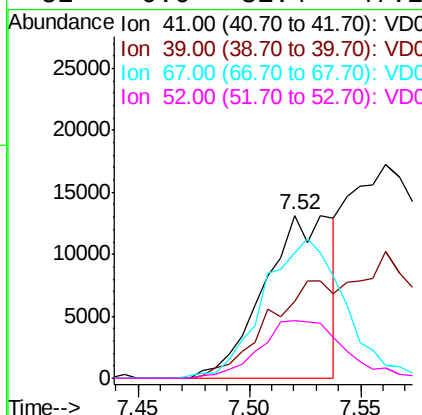
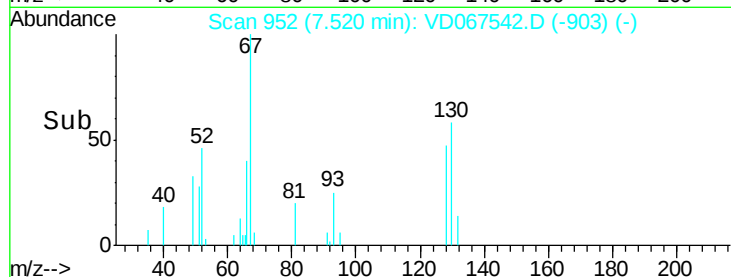
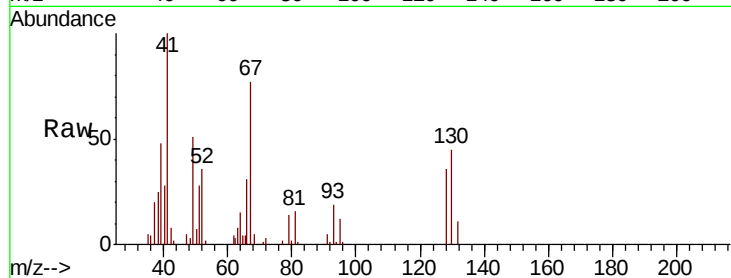
#41
Methacrylonitrile
Concen: 46.636 ug/l m
RT: 7.52 min Scan# 952
Delta R.T. -0.01 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	51.3	76.9#
67	0.0	78.9	118.3#
52	0.0	31.4	47.2#

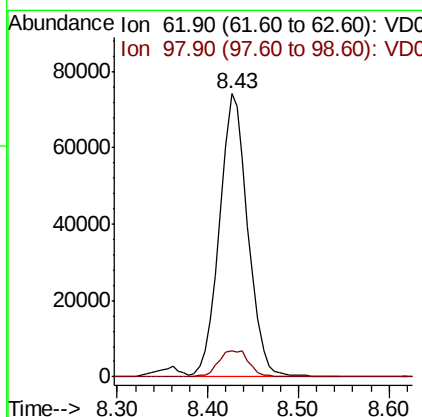
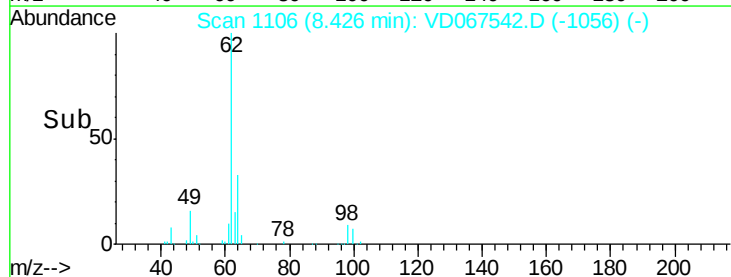
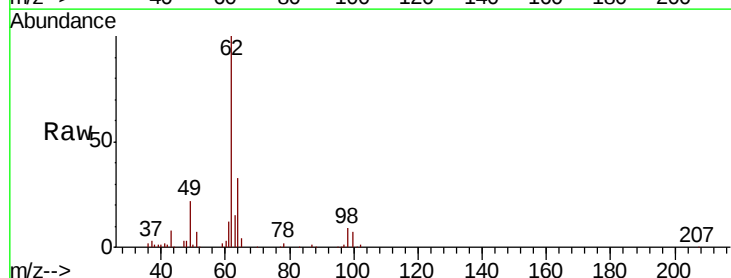
Manual Integrations
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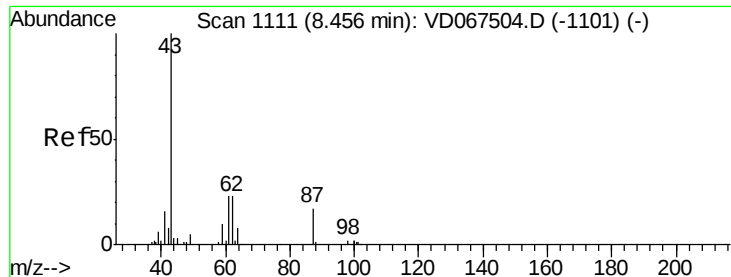
MMDadoda
11/6/2020 9:24:35 AM



#42
1,2-Dichloroethane
Concen: 48.767 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.8





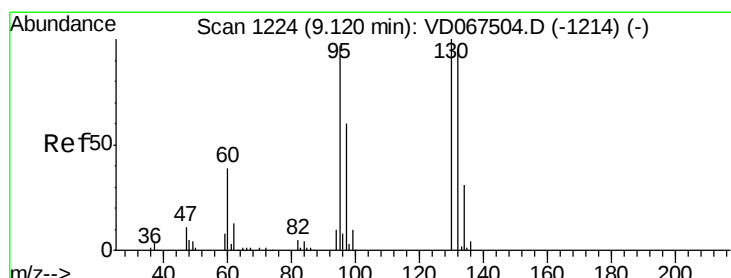
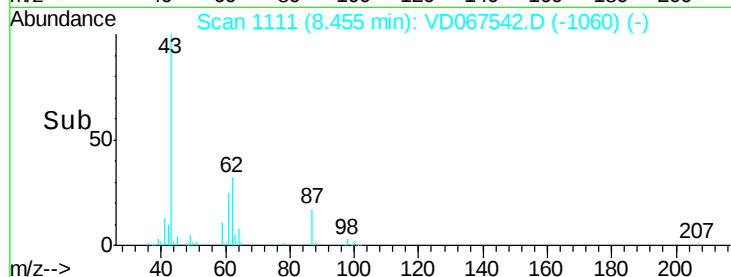
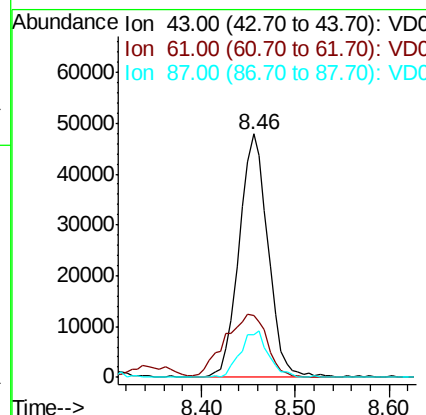
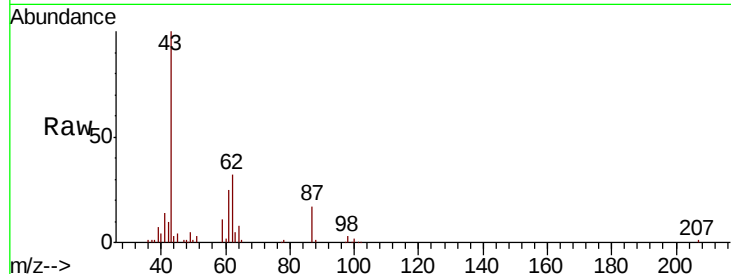
#43
Isopropyl Acetate
Concen: 50.573 ug/l
RT: 8.46 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	37.8	30.5	45.7
87	18.4	14.7	22.1

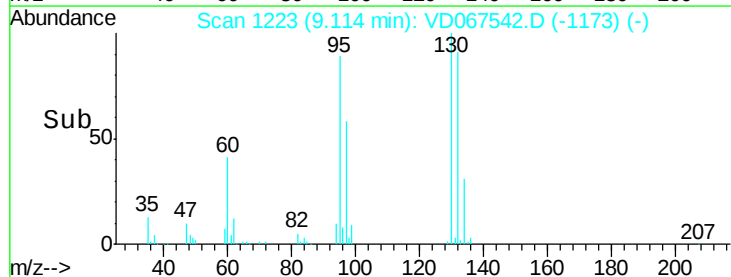
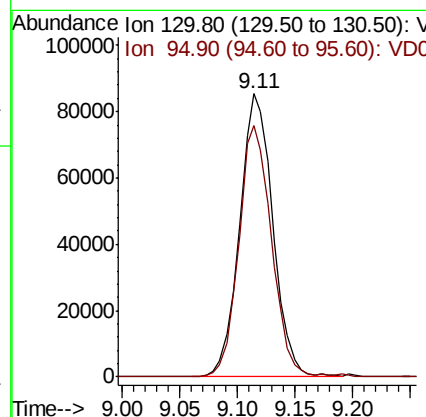
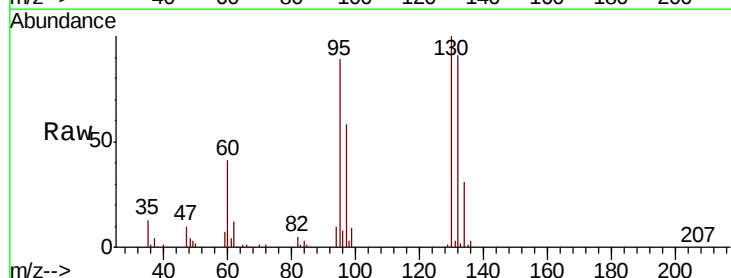
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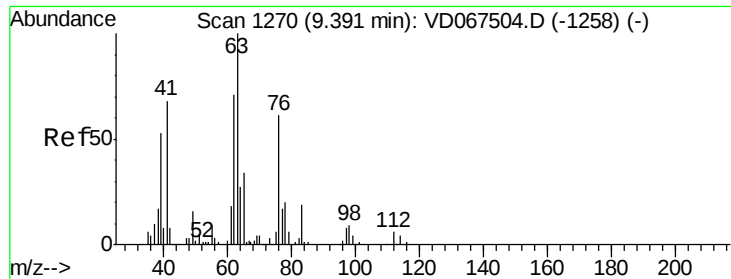
MMDadoda
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#44
Trichloroethene
Concen: 48.465 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.7	0.0	194.4





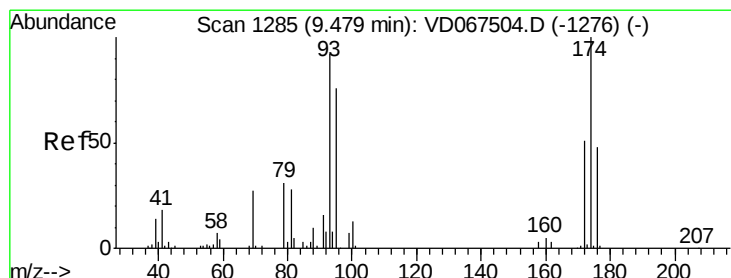
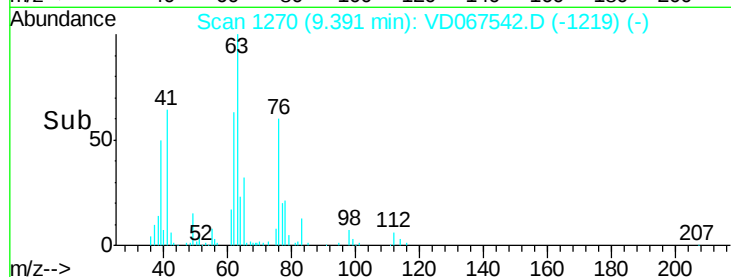
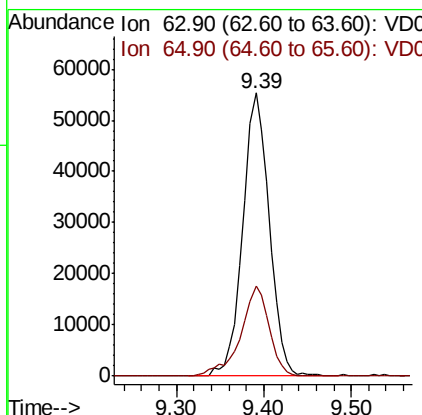
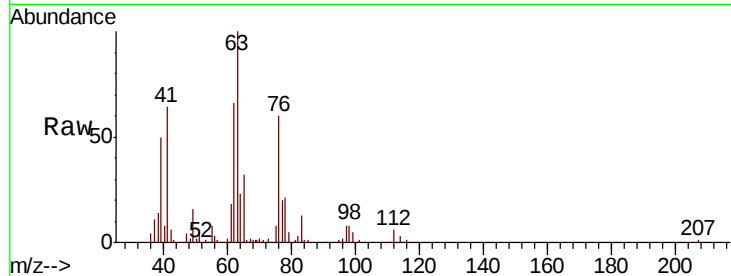
#45
 1,2-Dichloropropane
 Concen: 48.964 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD067542.D
 Acq: 05 Nov 2020 17:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 112925
 Ion Ratio Lower Upper
 63 100
 65 31.9 26.9 40.3

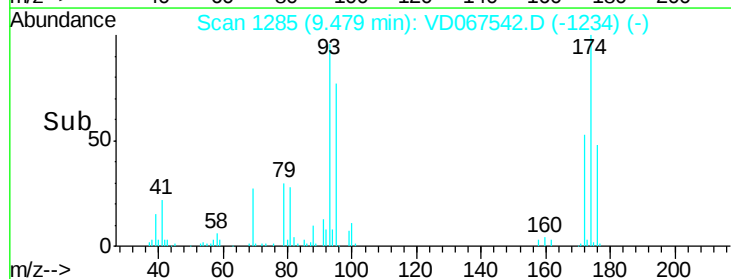
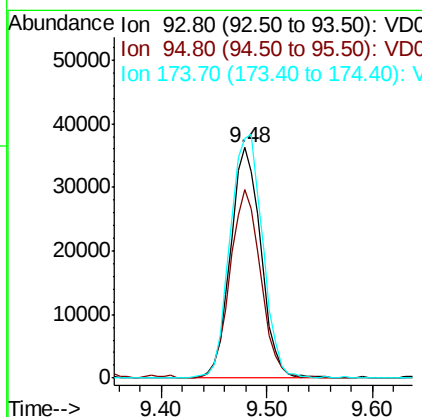
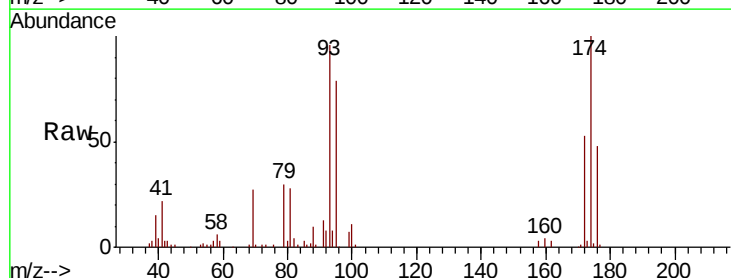
Manual Integrations
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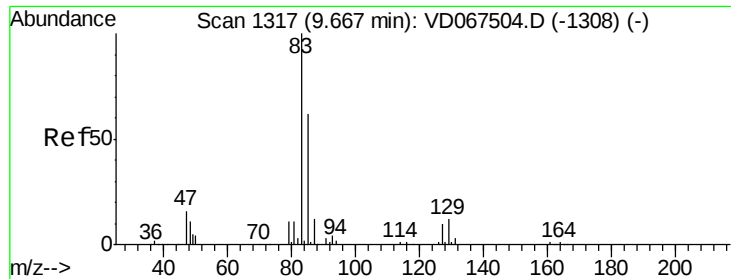
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 11/6/2020 9:24:35 AM



#46
 Dibromomethane
 Concen: 49.102 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD067542.D
 Acq: 05 Nov 2020 17:34

Tgt Ion: 93 Resp: 72002
 Ion Ratio Lower Upper
 93 100
 95 82.2 66.4 99.6
 174 113.4 88.2 132.4





#47

Bromodichloromethane

Concen: 50.180 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Instrument :

MSVOA_D

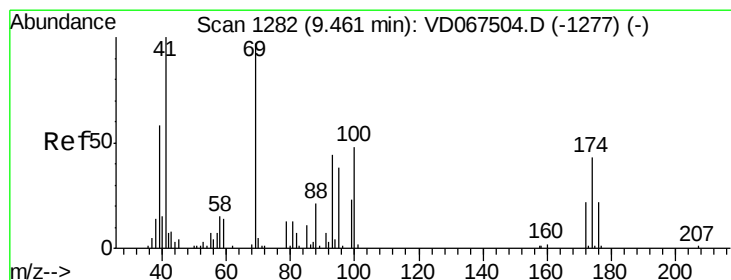
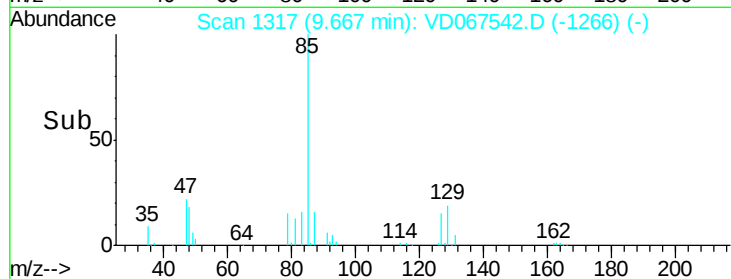
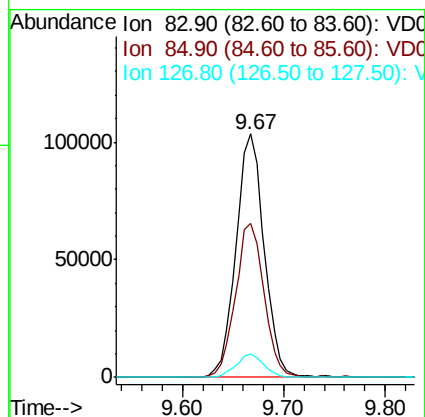
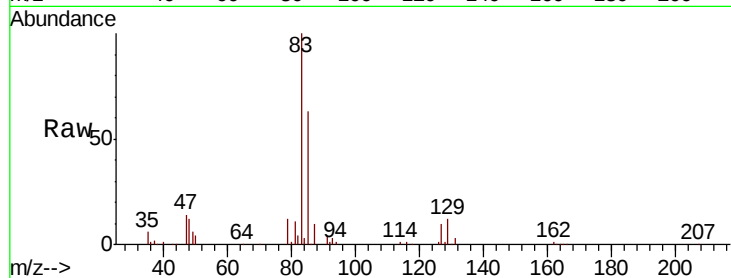
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	200001
Ion	Ratio	Lower	Upper
83	100		
85	63.0	49.4	74.2
127	9.8	7.7	11.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 47.878 ug/l

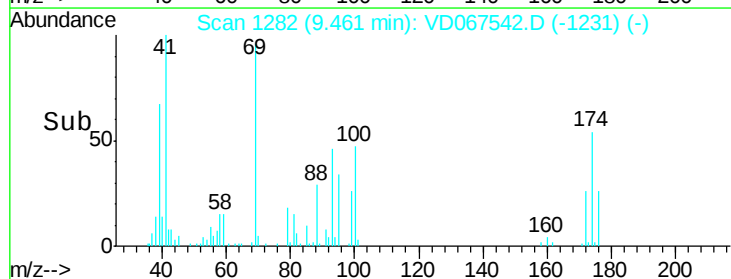
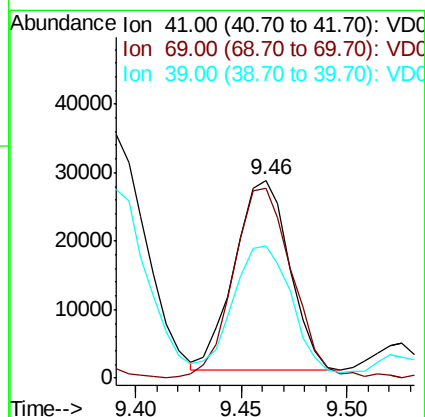
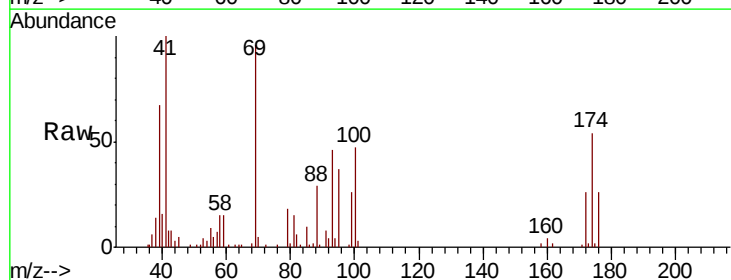
RT: 9.46 min Scan# 1282

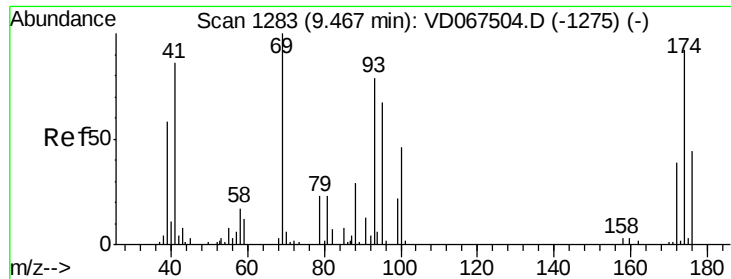
Delta R.T. -0.00 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Tgt Ion:	41	Resp:	49983
Ion	Ratio	Lower	Upper
41	100		
69	108.0	80.6	121.0
39	69.9	50.2	75.4





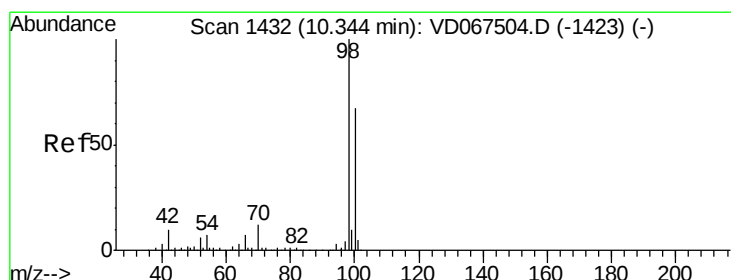
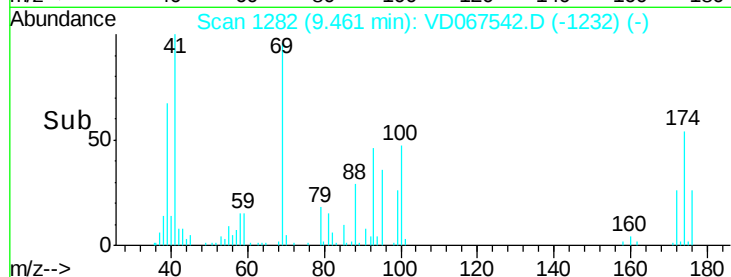
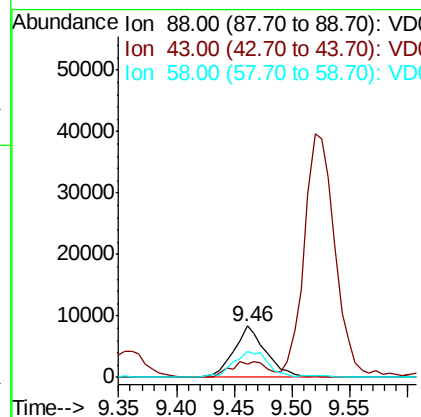
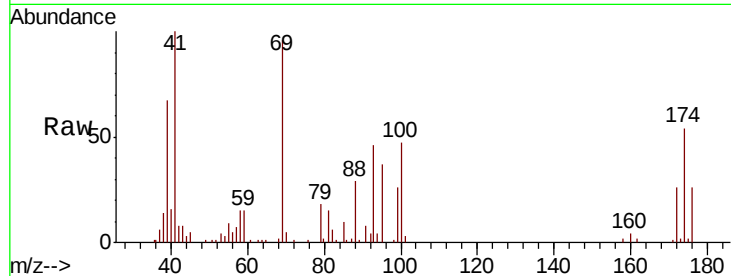
#49
 1,4-Dioxane
 Concen: 1075.010 ug/l
 RT: 9.46 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: VD067542.D
 Acq: 05 Nov 2020 17:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 88 Resp: 16003
 Ion Ratio Lower Upper
 88 100
 43 36.5 23.6 35.4#
 58 56.9 44.7 67.1

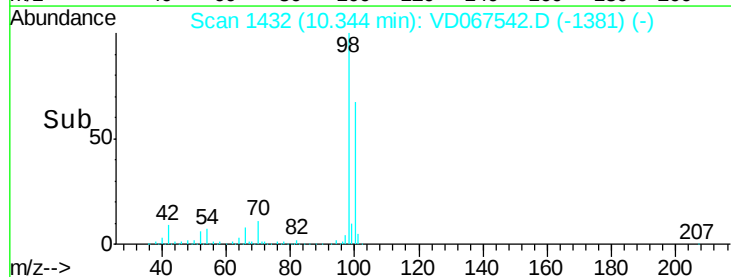
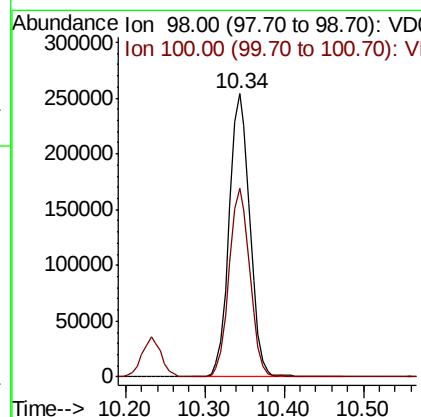
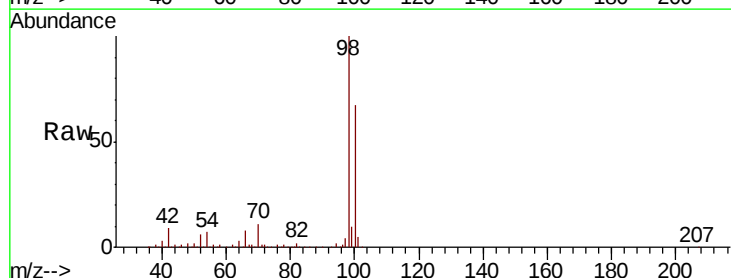
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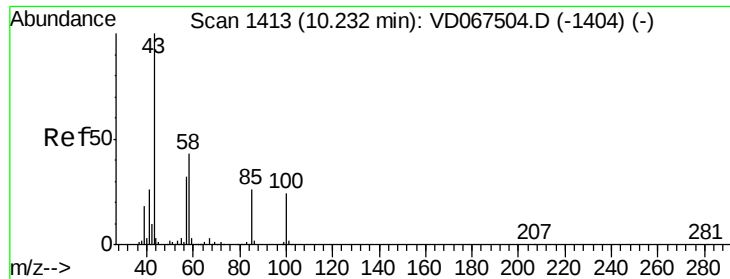
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#50
 Toluene-d8
 Concen: 47.023 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD067542.D
 Acq: 05 Nov 2020 17:34

Tgt Ion: 98 Resp: 458039
 Ion Ratio Lower Upper
 98 100
 100 67.0 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 260.611 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 252008

Ion Ratio Lower Upper

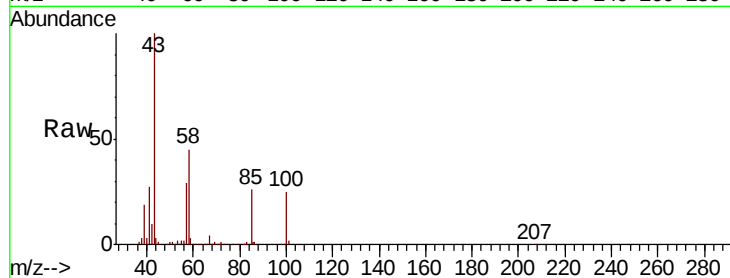
43 100

58 45.3 35.6 53.4

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.23

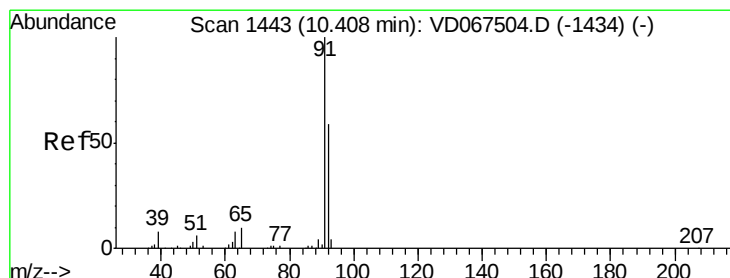
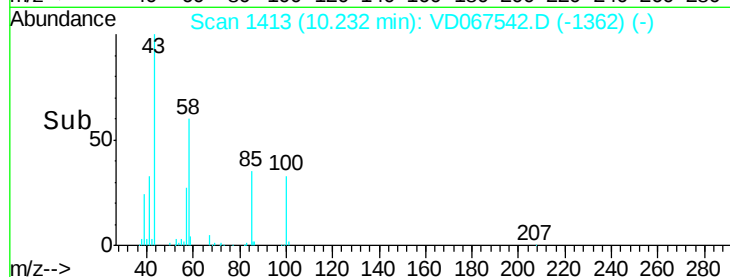
150000

100000

50000

0

Time--> 10.10 10.20 10.30



#52

Toluene

Concen: 48.628 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD067542.D

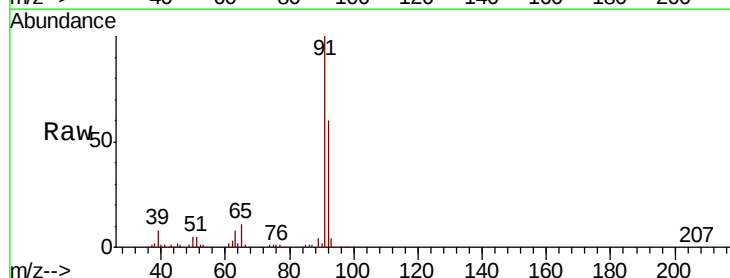
Acq: 05 Nov 2020 17:34

Tgt Ion: 92 Resp: 347433

Ion Ratio Lower Upper

92 100

91 171.8 137.0 205.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.41

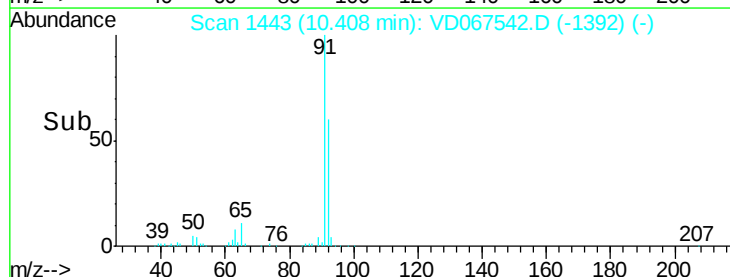
300000

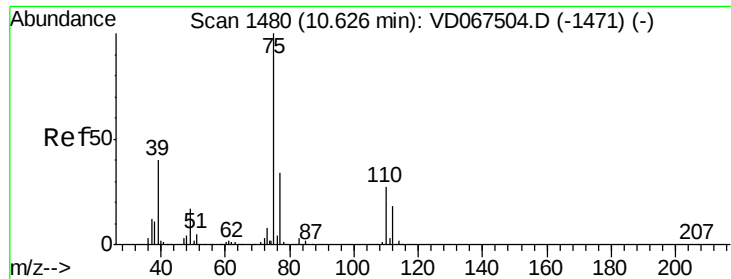
200000

100000

0

Time--> 10.30 10.40 10.50





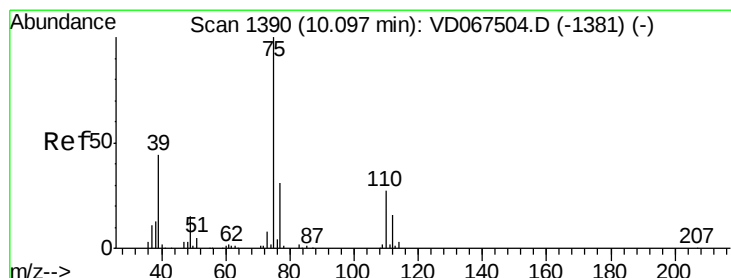
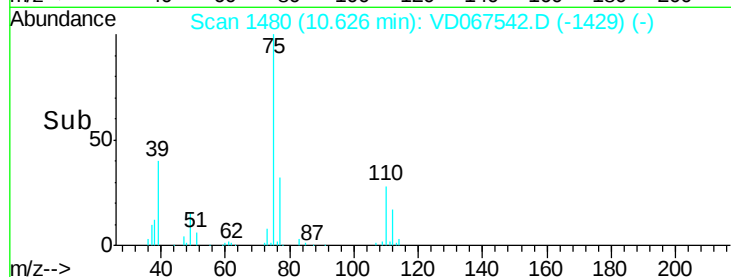
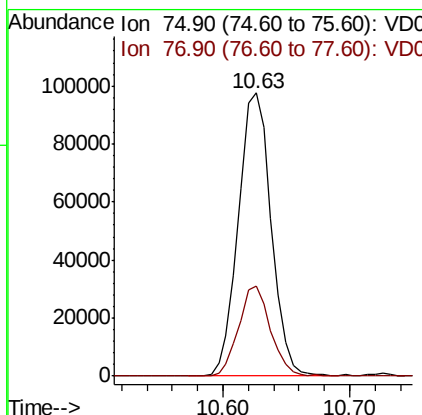
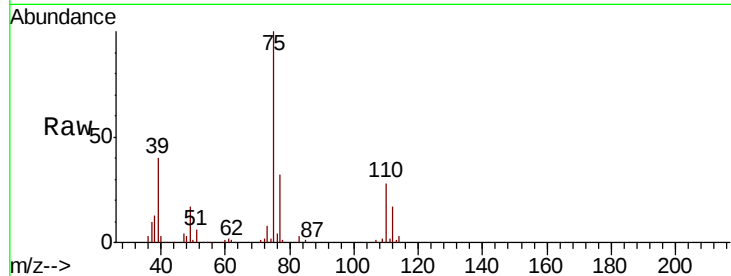
#53
t-1,3-Dichloropropene
Concen: 51.468 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 175687
Ion Ratio Lower Upper
75 100
77 32.0 27.0 40.6

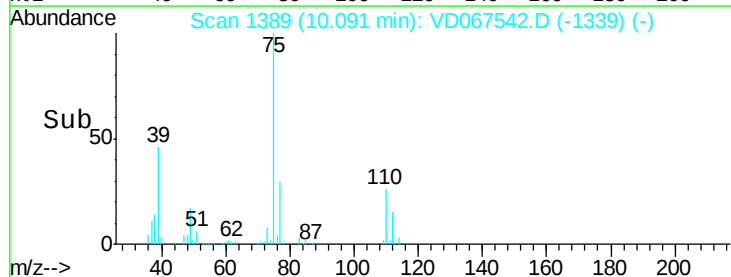
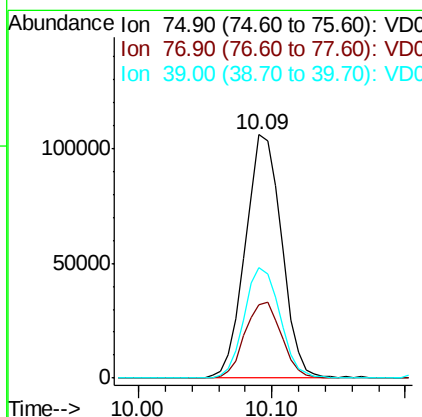
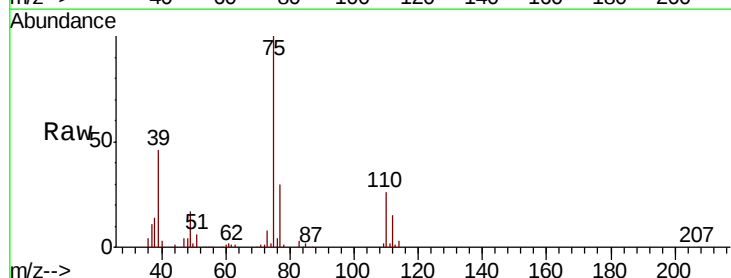
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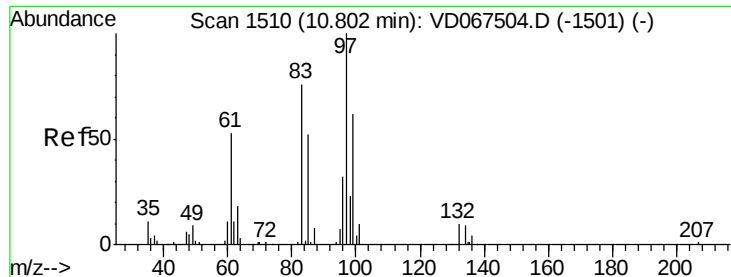
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#54
cis-1,3-Dichloropropene
Concen: 49.012 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. -0.01 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Tgt Ion: 75 Resp: 198775
Ion Ratio Lower Upper
75 100
77 29.9 24.4 36.6
39 45.6 35.6 53.4





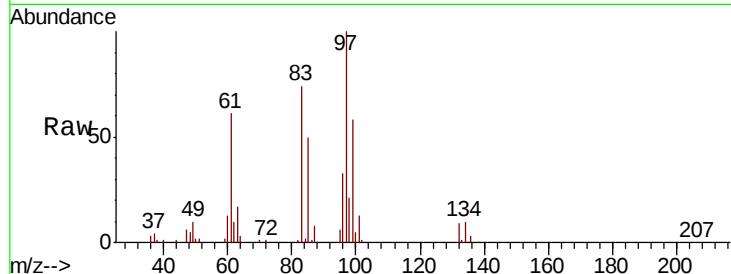
#55
 1,1,2-Trichloroethane
 Concen: 49.532 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VD067542.D
 Acq: 05 Nov 2020 17:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

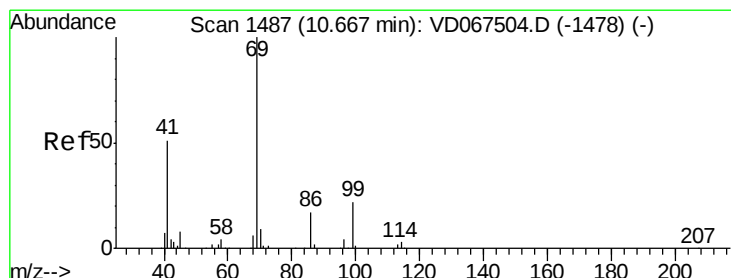
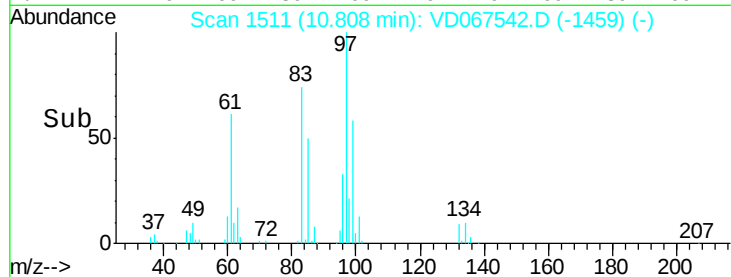
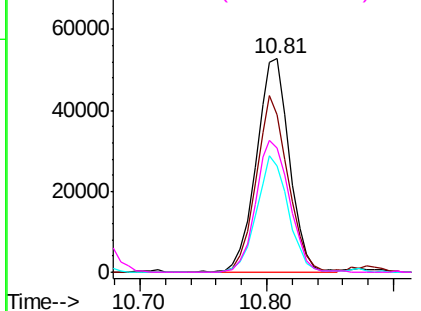
Tot Ion:	97	Resp:	96102
Ion	Ratio	Lower	Upper
97	100		
83	73.9	61.0	91.6
85	49.6	41.5	62.3
99	58.1	49.4	74.2

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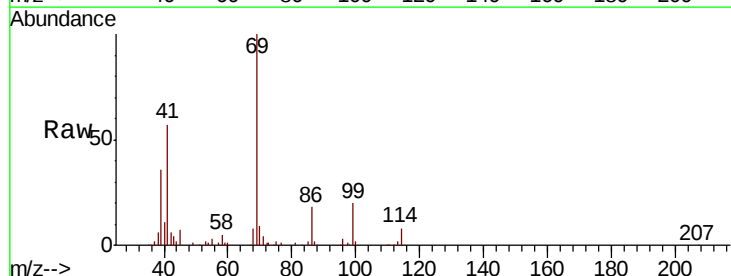


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

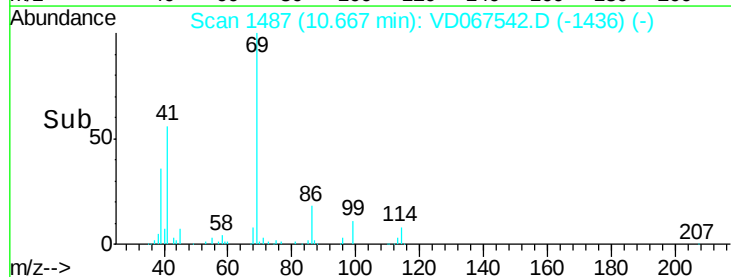
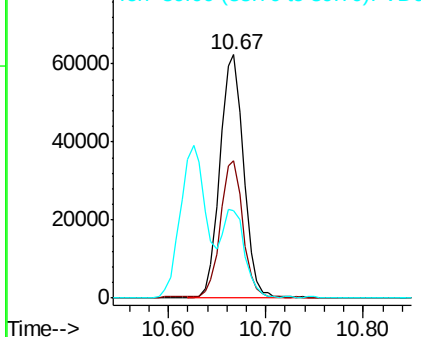


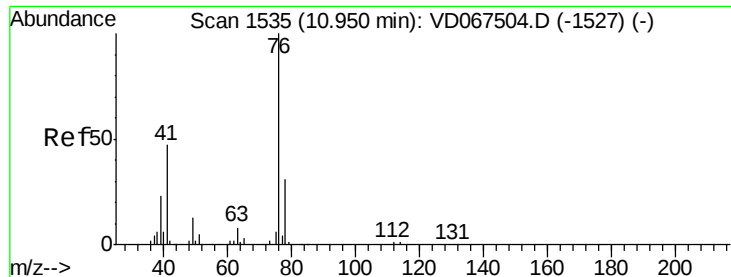
#56
 Ethyl methacrylate
 Concen: 52.639 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD067542.D
 Acq: 05 Nov 2020 17:34

Tgt Ion:	69	Resp:	105467
Ion	Ratio	Lower	Upper
69	100		
41	52.1	45.4	68.0
39	33.7	27.4	41.0



Abundance Ion 69.00 (68.70 to 69.70): VDC
 Ion 41.00 (40.70 to 41.70): VDC
 Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 49.336 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 154034

Ion Ratio Lower Upper

76 100

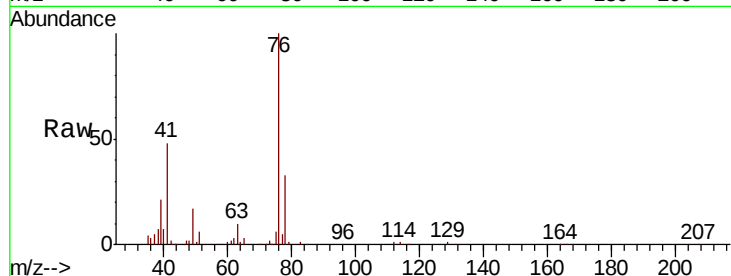
78 33.6 26.1 39.1

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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

10.95

80000

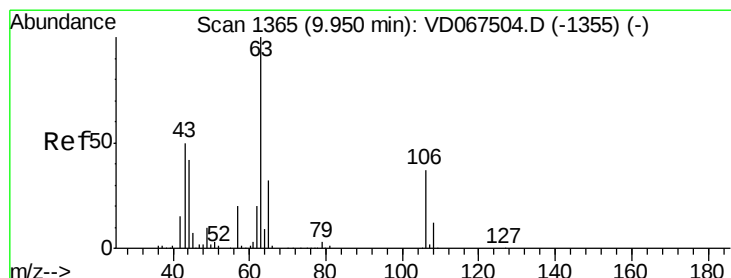
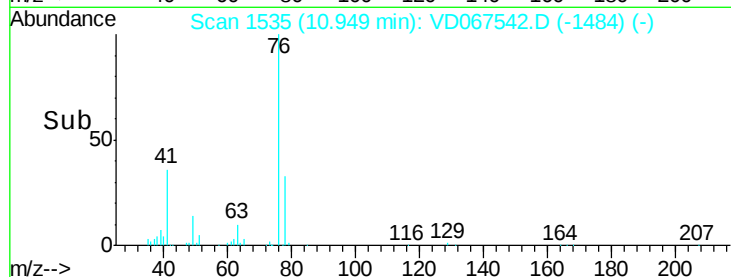
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 267.952 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.01 min

Lab File: VD067542.D

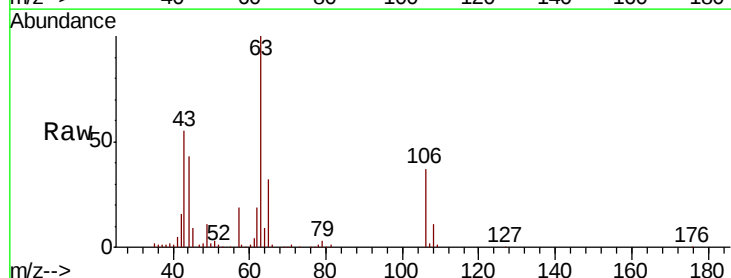
Acq: 05 Nov 2020 17:34

Tgt Ion: 63 Resp: 250357

Ion Ratio Lower Upper

63 100

106 36.8 29.2 43.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): VDC

9.94

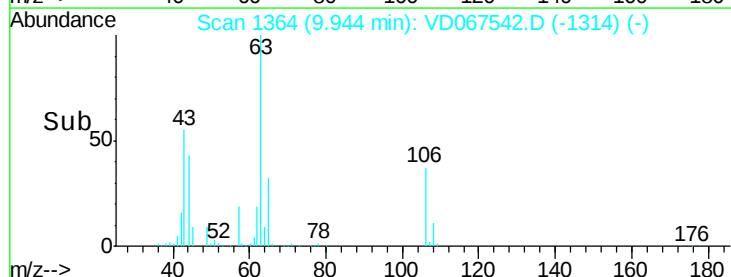
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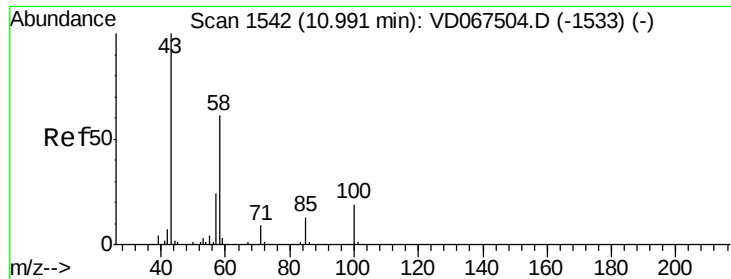
100000

50000

0

Time-->





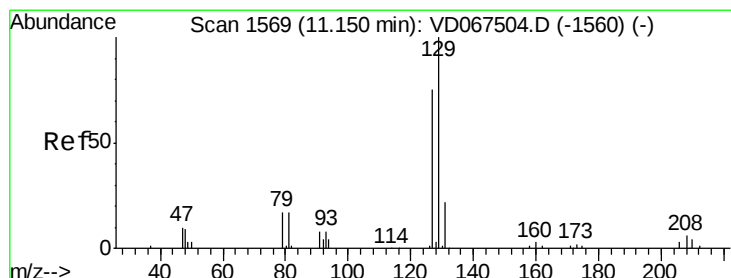
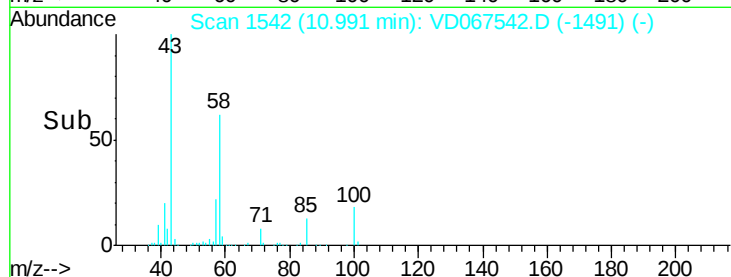
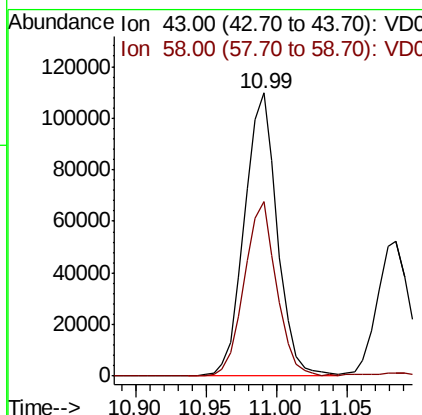
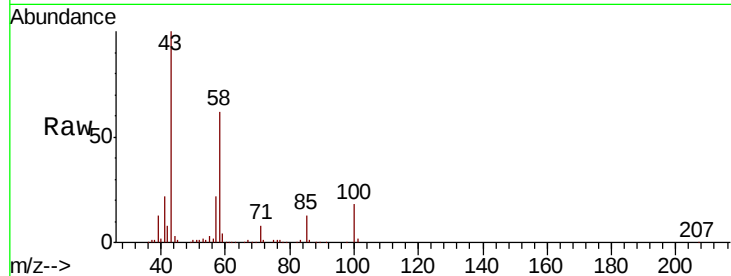
#59
2-Hexanone
Concen: 264.878 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 179089
Ion Ratio Lower Upper
43 100
58 60.4 30.3 90.9

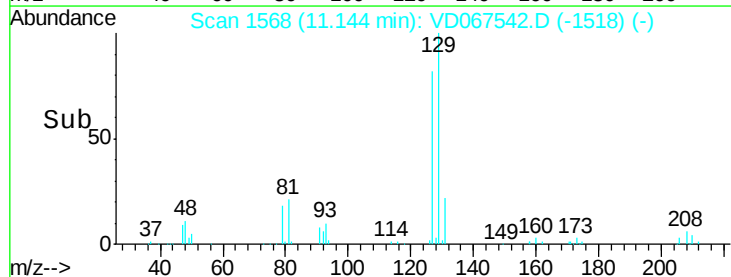
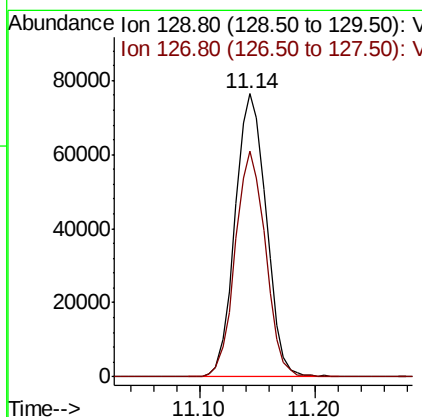
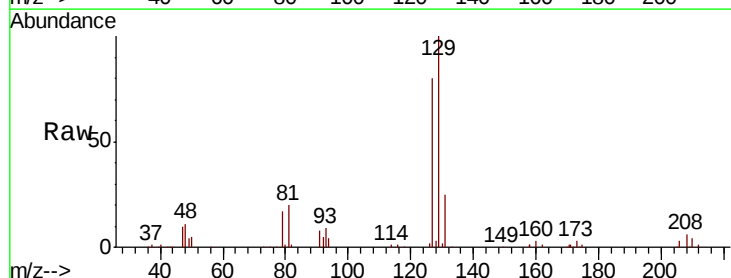
Manual Integrations
APPROVED

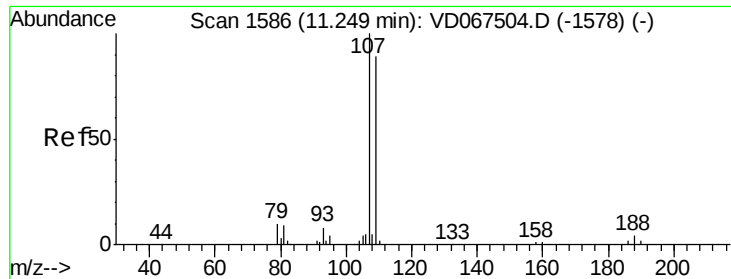
MMDadoda
11/6/2020 9:24:35 AM



#60
Dibromochloromethane
Concen: 49.743 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Tgt Ion: 129 Resp: 142767
Ion Ratio Lower Upper
129 100
127 77.7 38.0 114.1





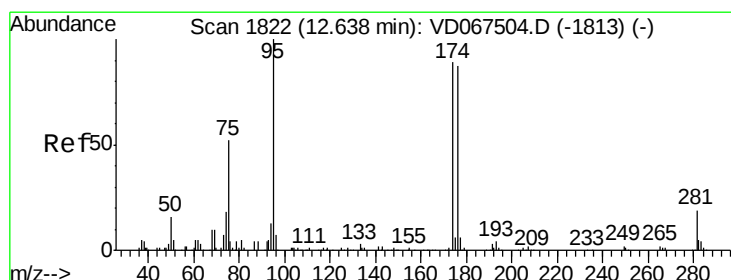
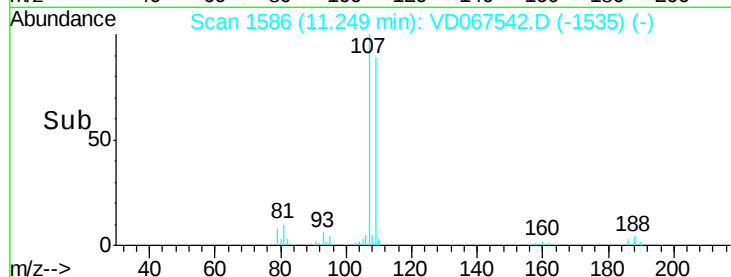
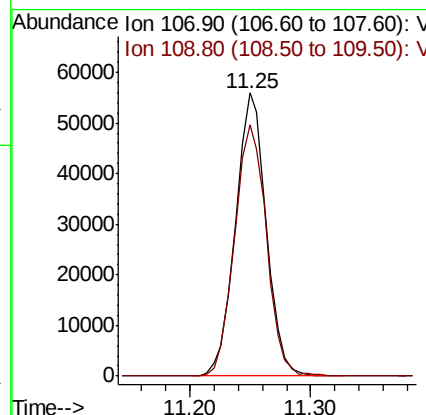
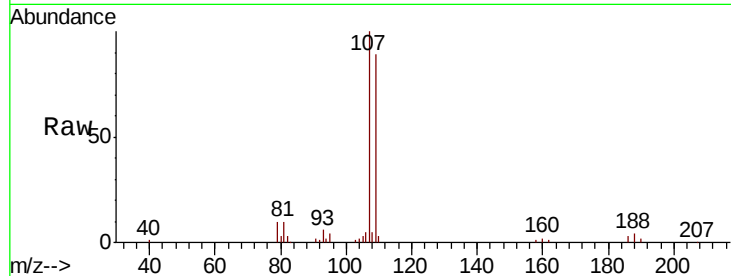
#61
 1,2-Dibromoethane
 Concen: 50.930 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD067542.D
 Acq: 05 Nov 2020 17:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.1	74.6	111.8

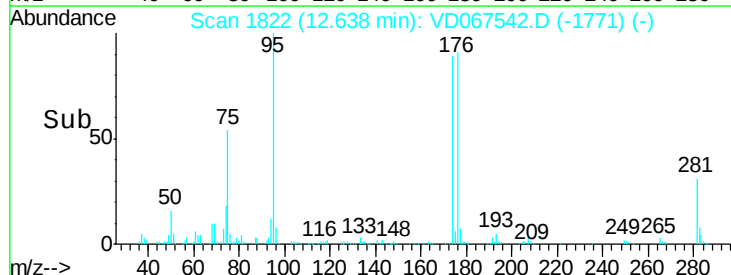
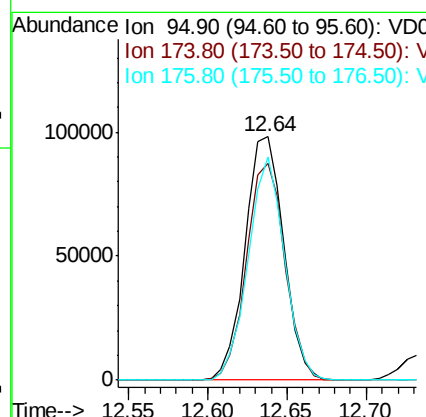
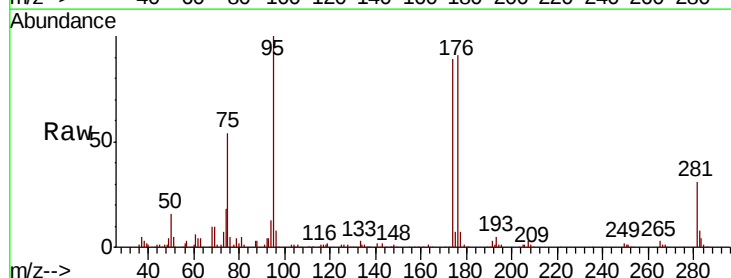
Manual Integrations
 APPROVED

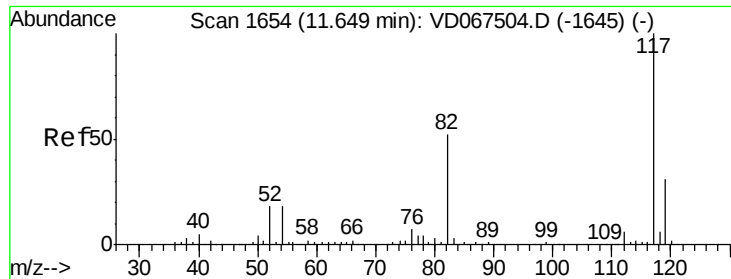
MMDadoda
 11/6/2020 9:24:35 AM



#62
 4-Bromofluorobenzene
 Concen: 49.553 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD067542.D
 Acq: 05 Nov 2020 17:34

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.4	0.0	177.8
176	86.1	0.0	172.0





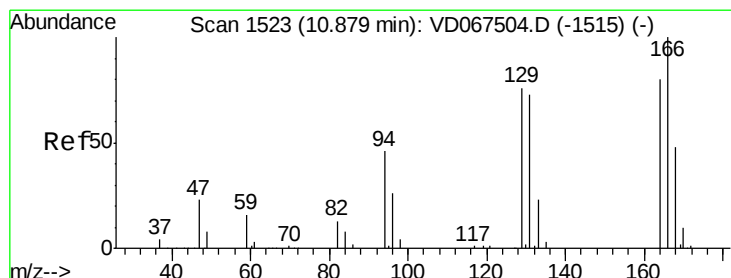
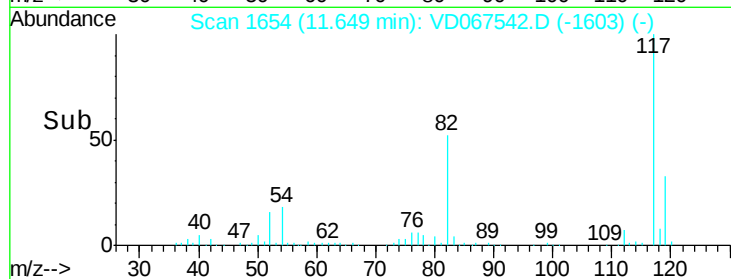
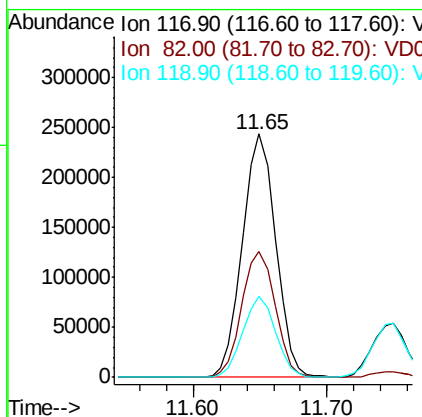
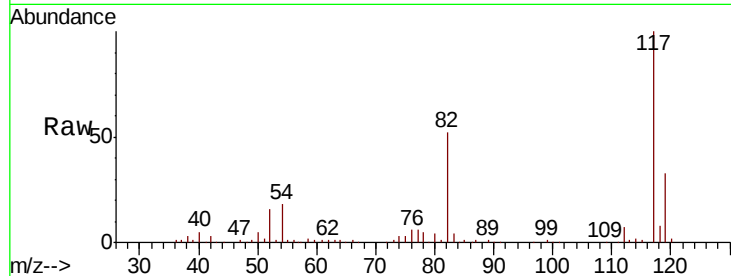
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.9	41.6	62.4
119	33.1	25.1	37.7

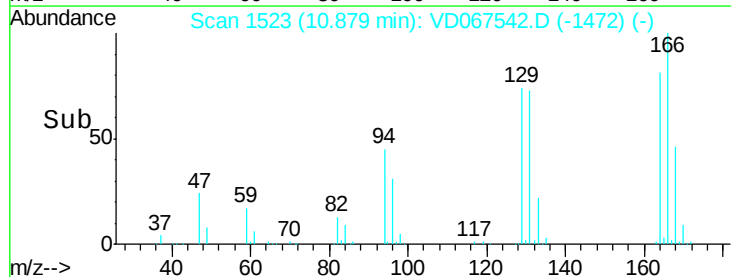
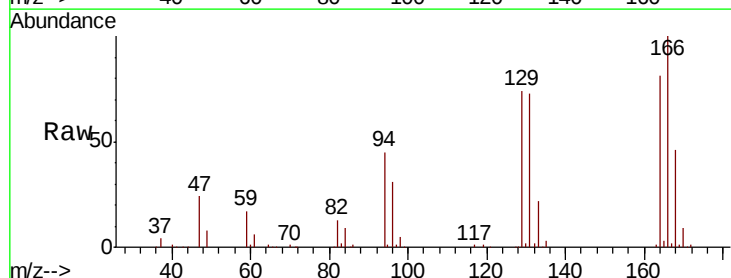
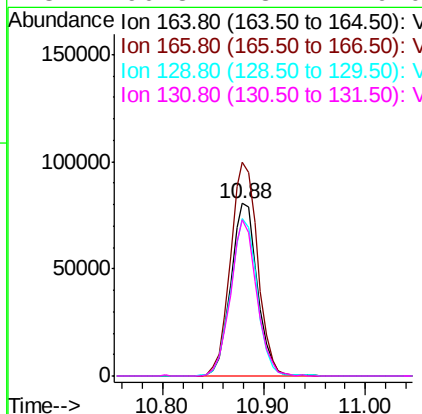
Manual Integrations
APPROVED

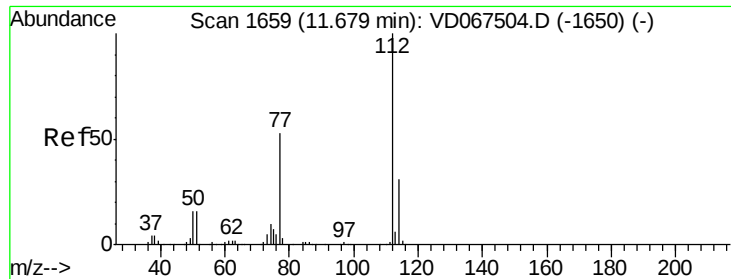
MMDadoda
11/6/2020 9:24:35 AM



#64
Tetrachloroethene
Concen: 46.761 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.8	99.9	149.9
129	91.5	75.5	113.3
131	90.8	73.4	110.0





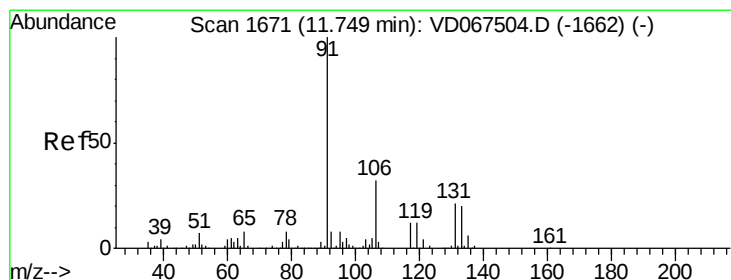
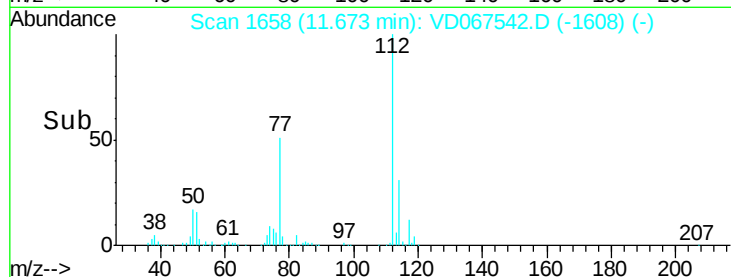
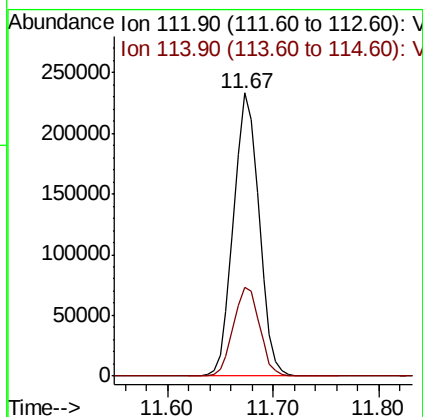
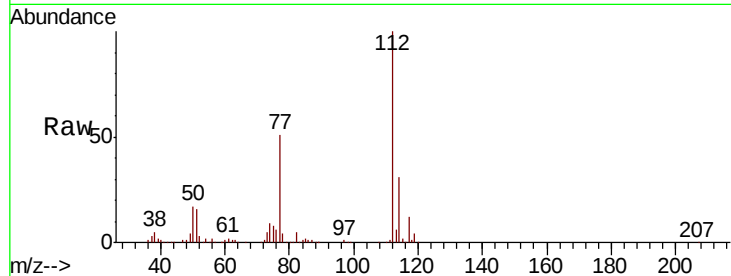
#65
Chlorobenzene
Concen: 47.915 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.3	24.9	37.3

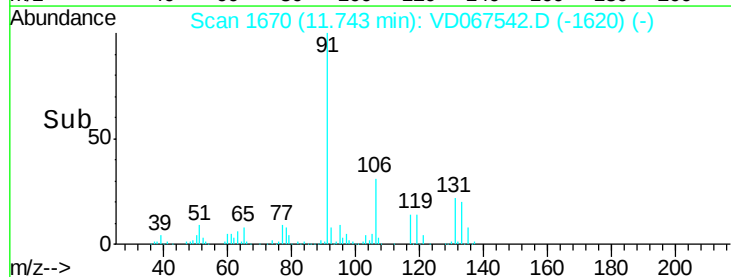
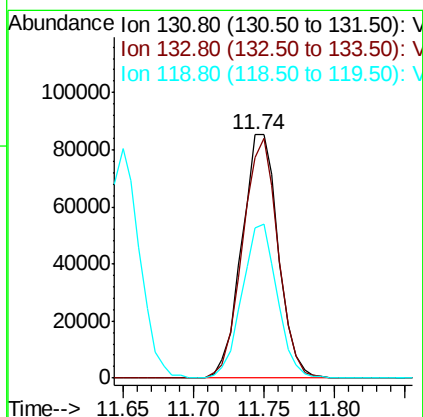
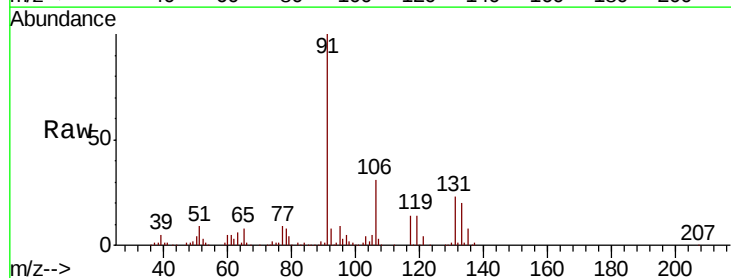
Manual Integrations
APPROVED

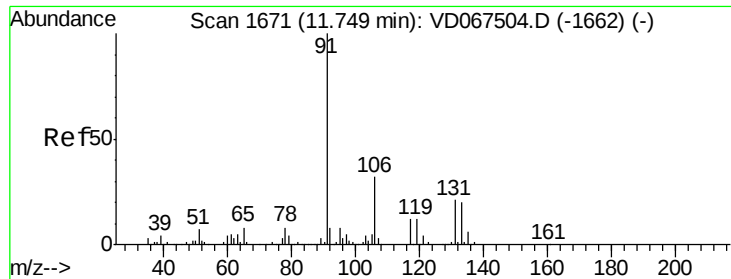
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.321 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.7	48.0	144.0
119	61.1	30.1	90.5





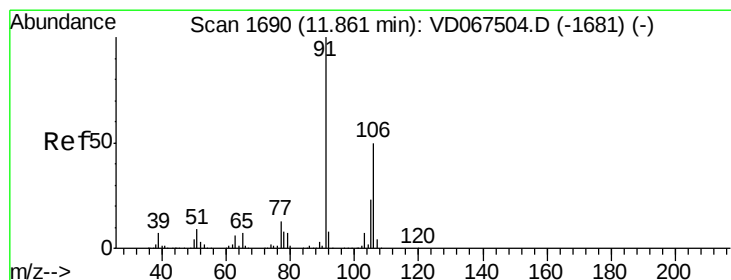
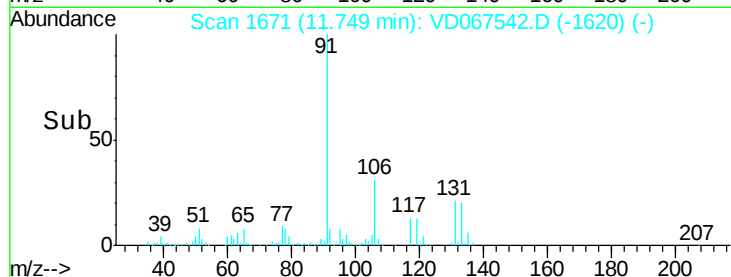
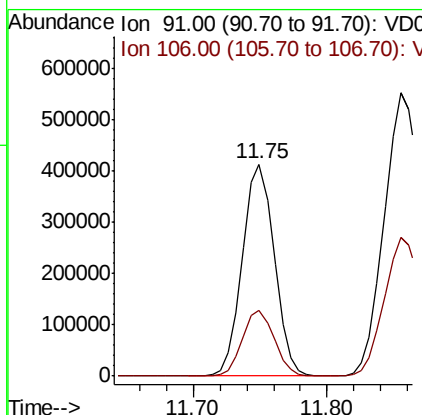
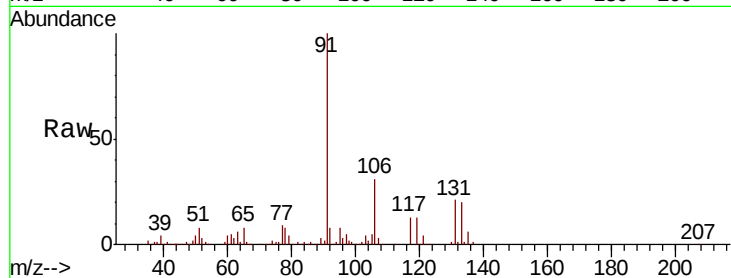
#67
Ethyl Benzene
Concen: 49.241 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.1	25.7	38.5

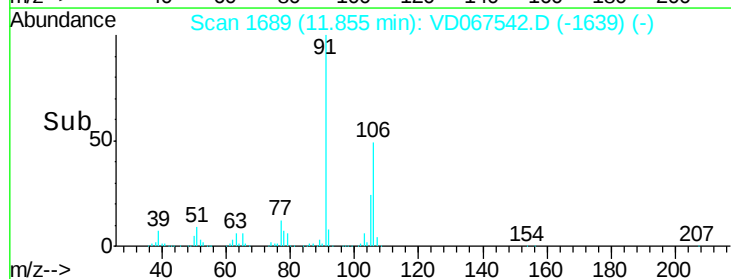
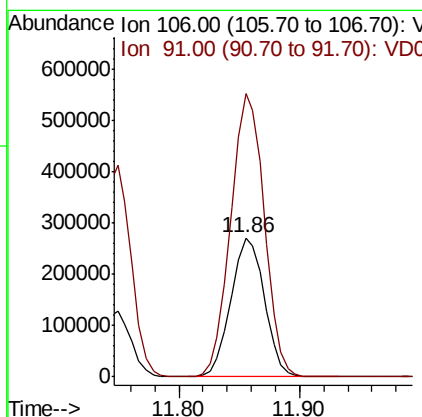
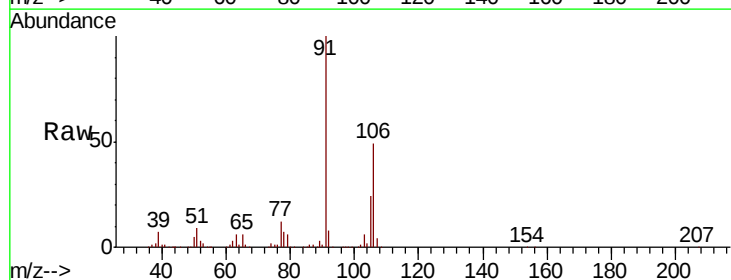
Manual Integrations
APPROVED

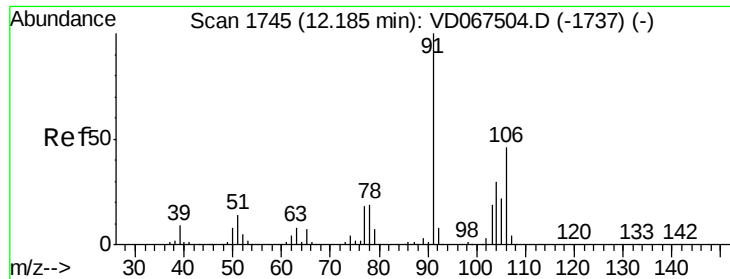
MMDadoda
11/6/2020 9:24:35 AM



#68
m/p-Xylenes
Concen: 97.128 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Tgt Ion	Ratio	Lower	Upper
106	100		
91	203.5	162.6	244.0





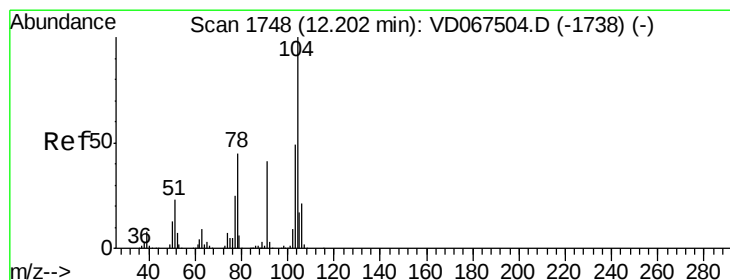
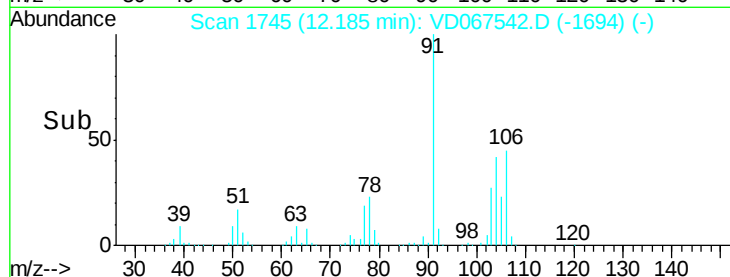
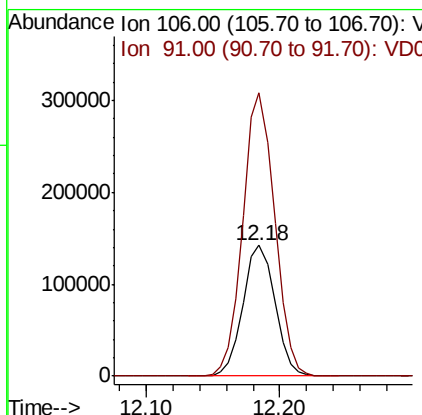
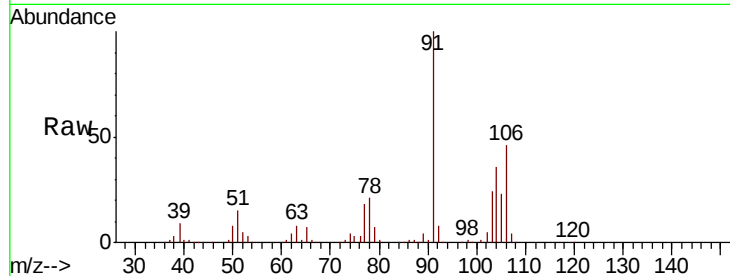
#69
o-Xylene
Concen: 48.786 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	235738		
91	91	215.2	107.1	321.1	

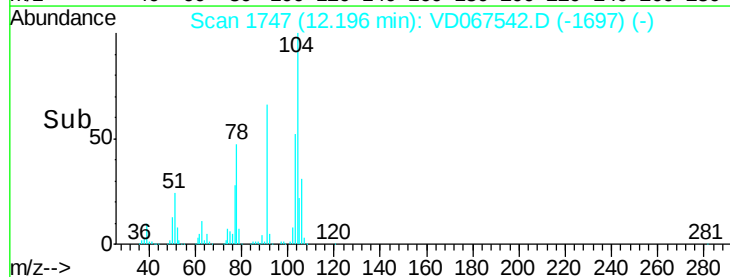
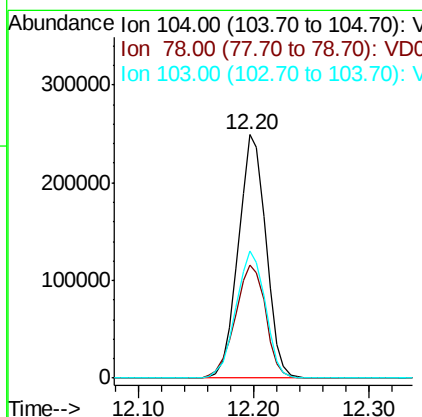
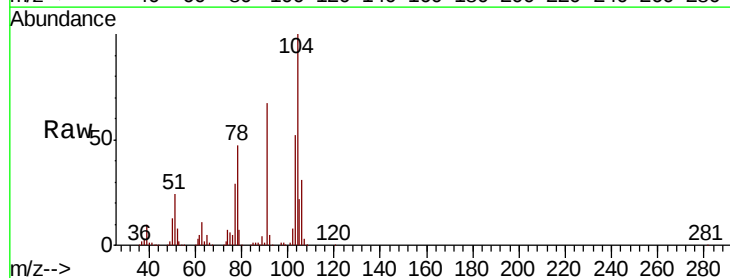
Manual Integrations
APPROVED

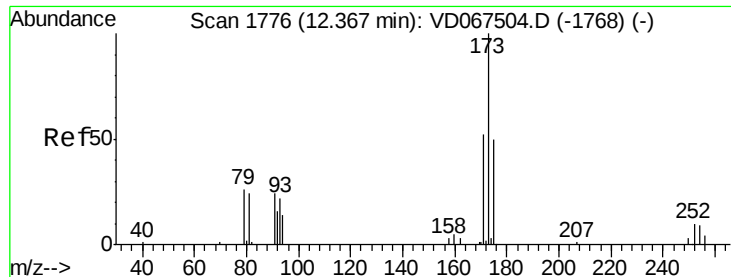
MMDadoda
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#70
Styrene
Concen: 49.111 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	413515		
78	78	51.1	39.8	59.8	
103	103	55.8	43.9	65.9	





#71

Bromoform

Concen: 51.156 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Instrument :

MSVOA_D

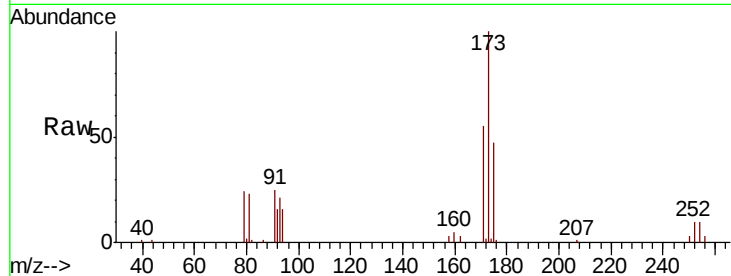
ClientSampleId :

VSTDCCC050EC

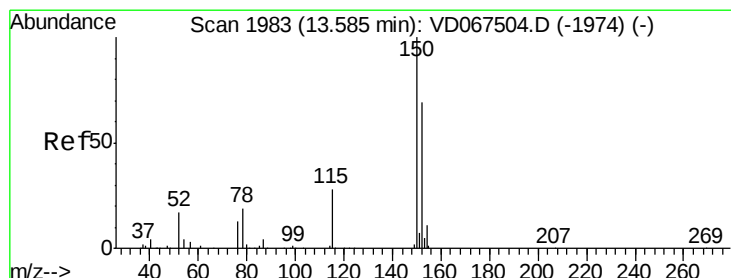
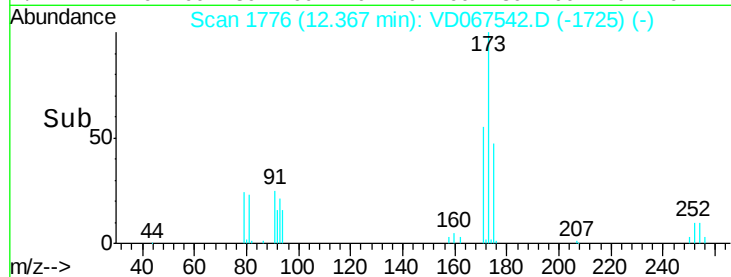
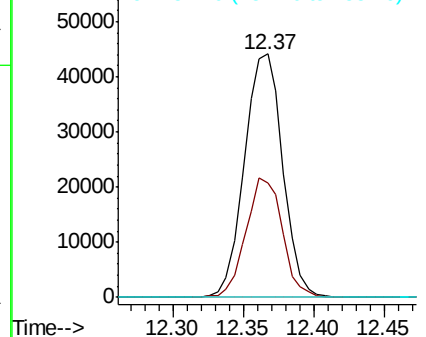
Tot Ion:173	Resp:	83596
Ion Ratio	Lower	Upper
173 100		
175 46.8	24.1	72.2
254 0.0	0.0	0.0

Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

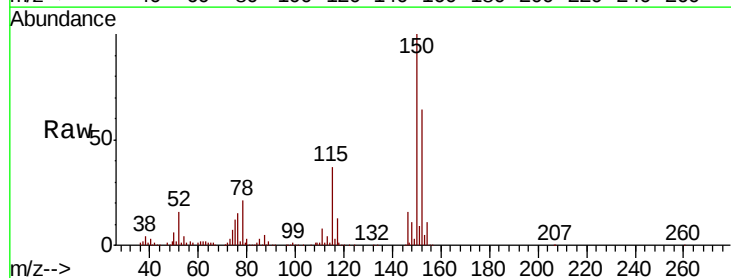
RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

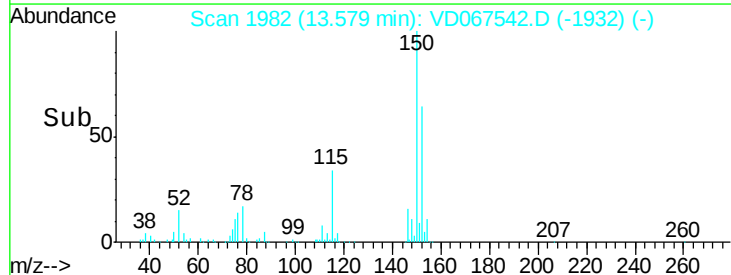
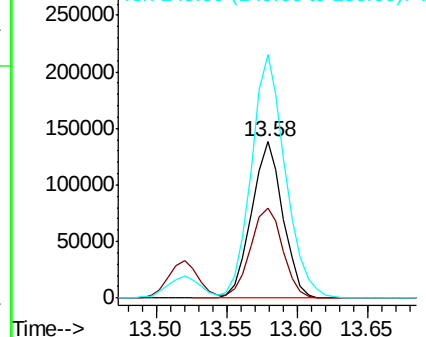
Lab File: VD067542.D

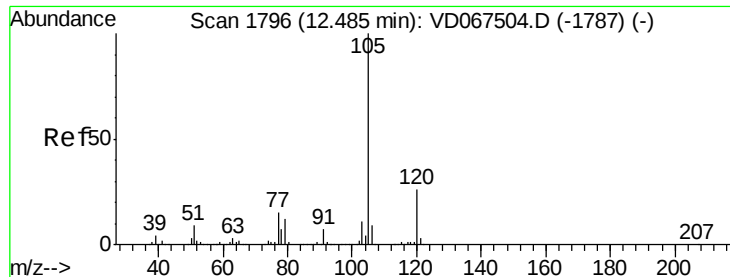
Acq: 05 Nov 2020 17:34

Tgt Ion:152	Resp:	214483
Ion Ratio	Lower	Upper
152 100		
115 60.0	29.3	88.0
150 169.5	0.0	338.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





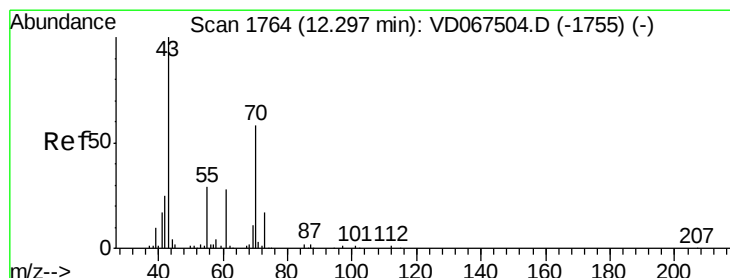
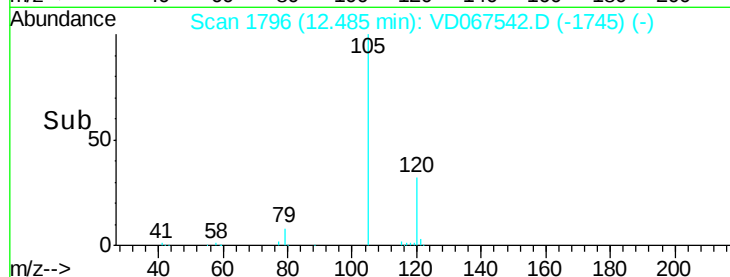
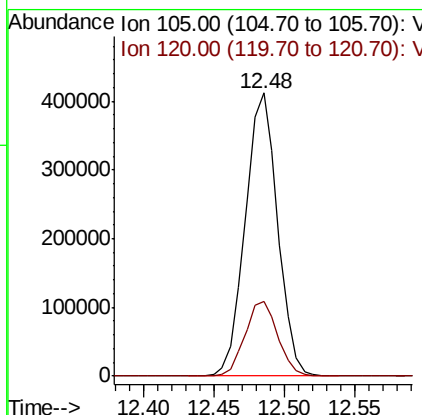
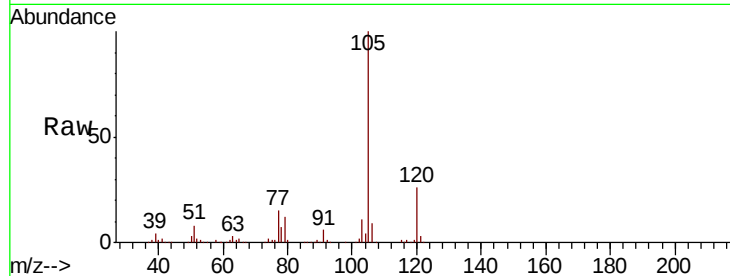
#73
Isopropylbenzene
Concen: 47.791 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.2	39.6

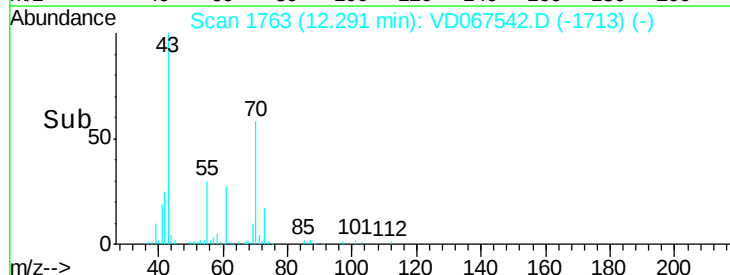
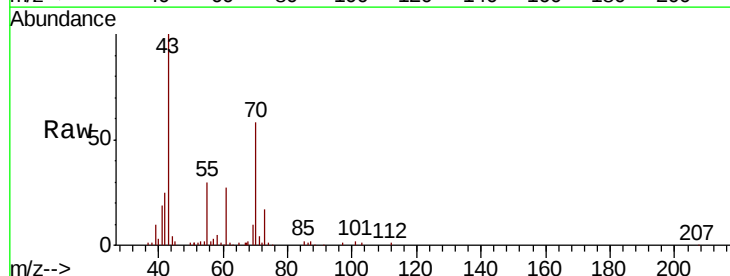
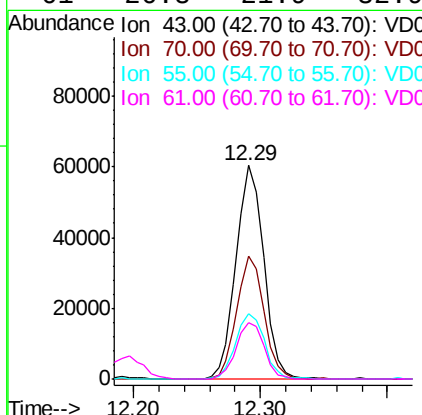
Manual Integrations
APPROVED

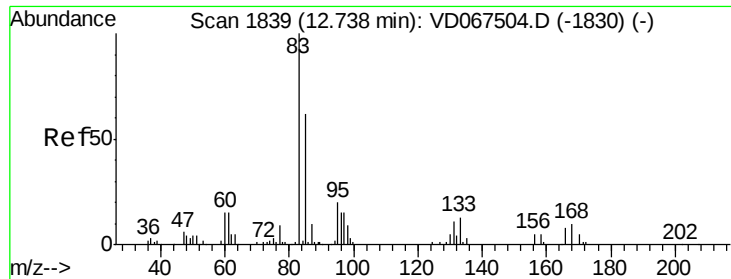
MMDadoda
11/6/2020 9:24:35 AM



#74
N-ethyl acetate
Concen: 50.256 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Tgt Ion	Ratio	Lower	Upper
43	100		
70	56.6	42.6	64.0
55	31.6	23.7	35.5
61	26.8	21.9	32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 49.487 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Instrument :

MSVOA_D

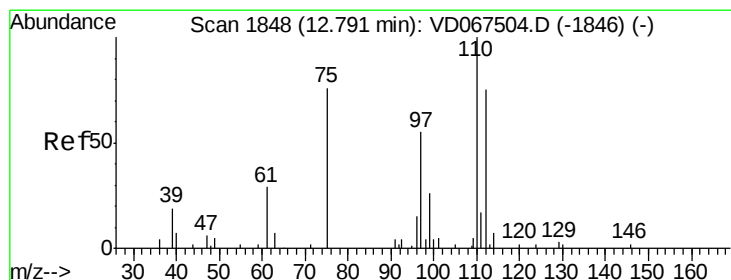
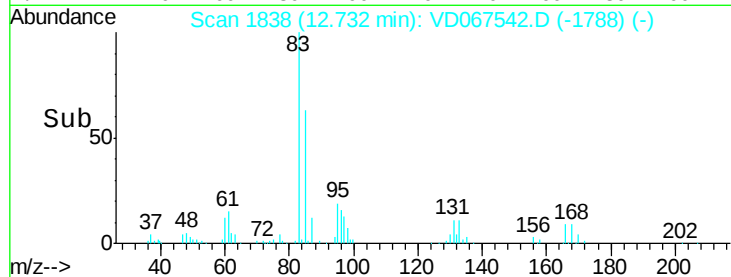
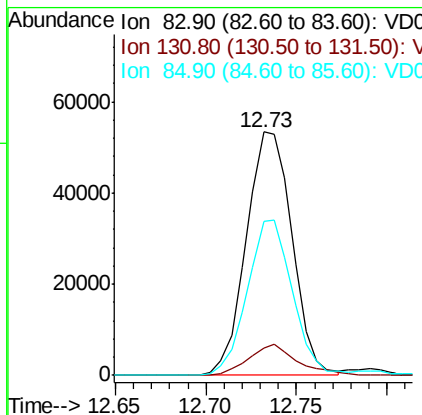
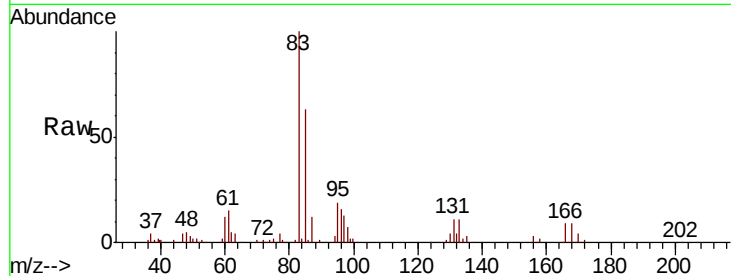
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	93540
Ion Ratio	Lower	Upper	
83	100		
131	13.7	7.1	21.3
85	63.2	32.9	98.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 43.786 ug/l m

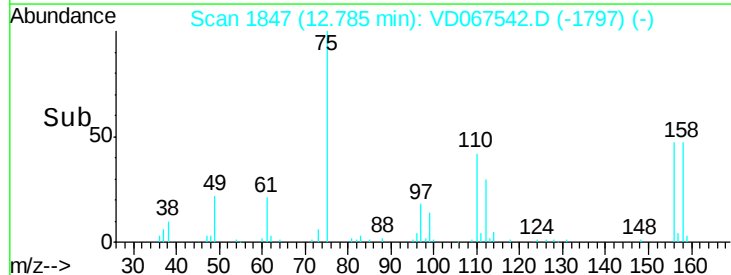
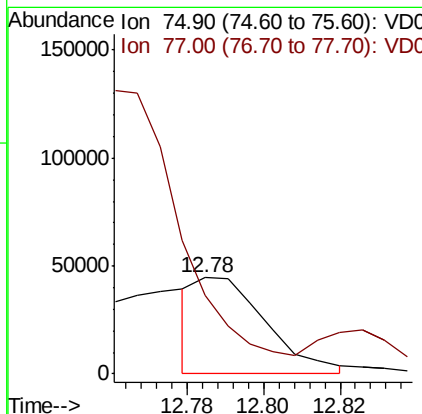
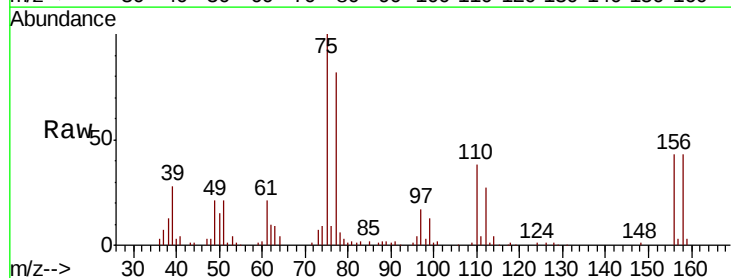
RT: 12.78 min Scan# 1847

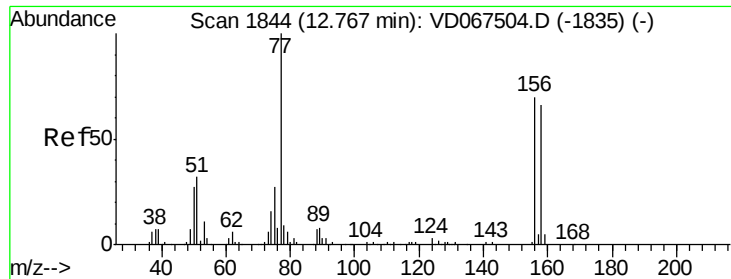
Delta R.T. -0.01 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Tgt Ion:	75	Resp:	56654
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 48.853 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Instrument :

MSVOA_D

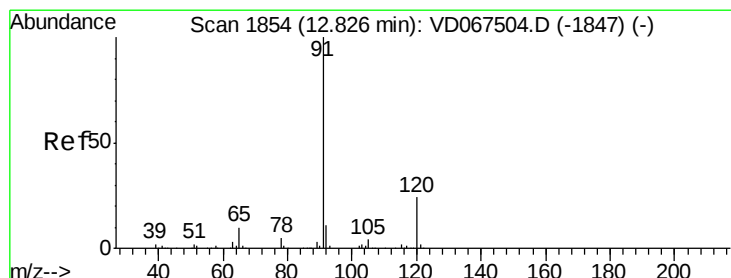
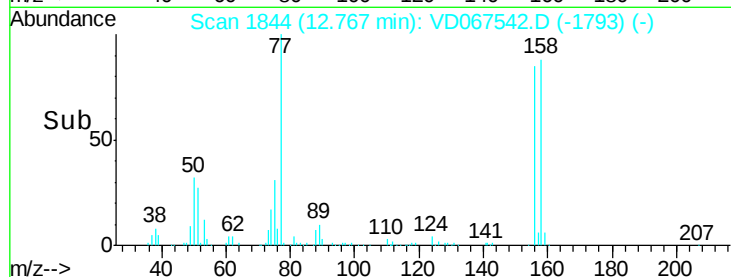
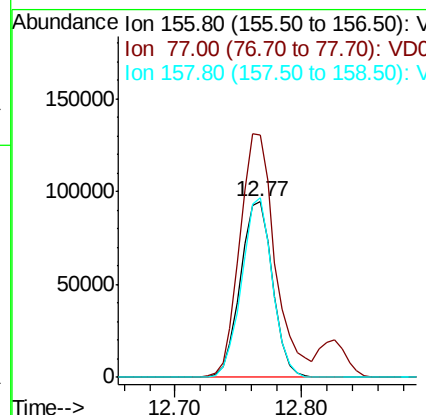
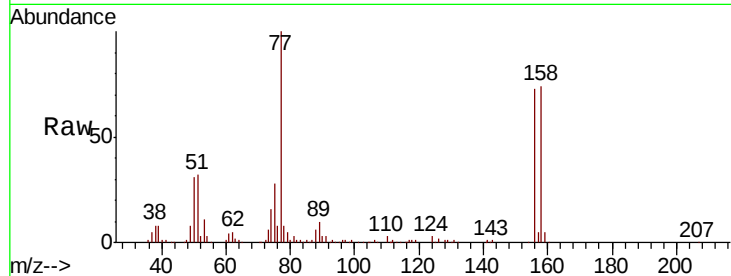
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	152.7	77.8	233.5
158	97.3	47.9	143.7

Manual Integrations
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11/6/2020 9:24:35 AM



#78

n-propylbenzene

Concen: 47.339 ug/l

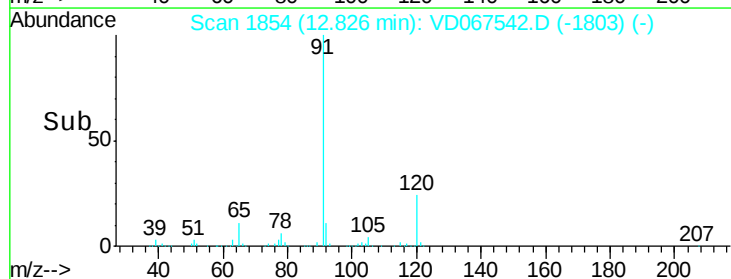
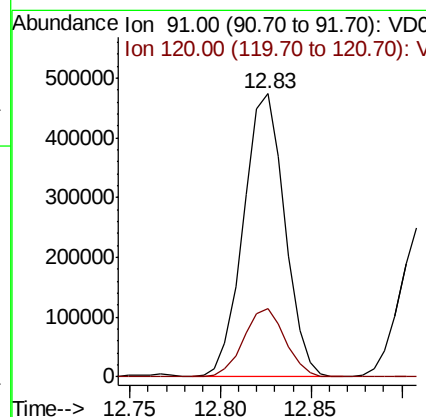
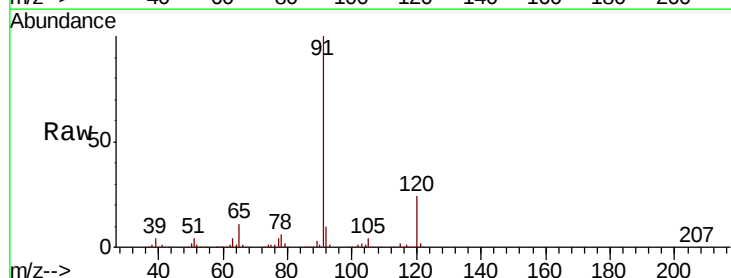
RT: 12.83 min Scan# 1854

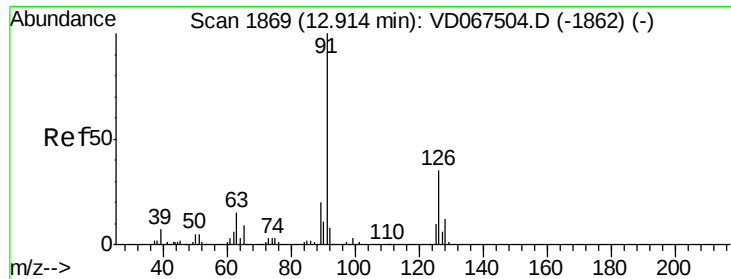
Delta R.T. -0.00 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.2	12.2	36.4





#79

2-Chlorotoluene

Concen: 48.515 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 436952

Ion Ratio Lower Upper

91 100

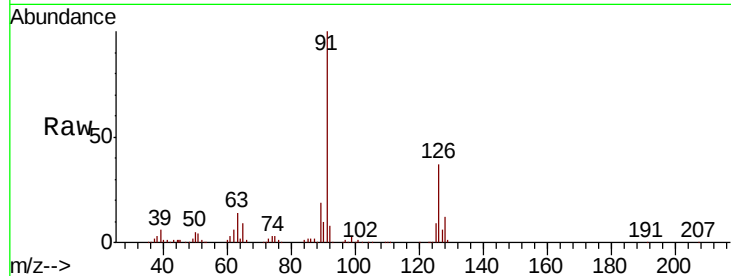
126 36.4 17.8 53.4

Manual Integrations

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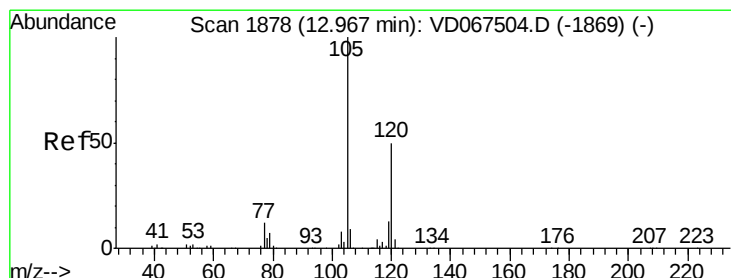
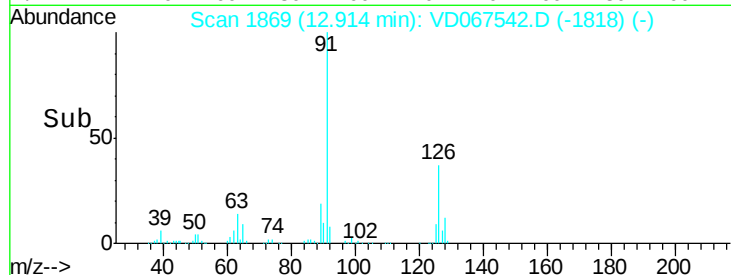
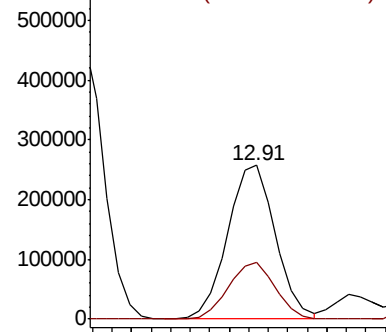
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Abundance Ion 91.00 (90.70 to 91.70): VD067504.D (-1862) (-)

Ion 125.90 (125.60 to 126.60): VD067504.D (-1862) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.478 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.01 min

Lab File: VD067542.D

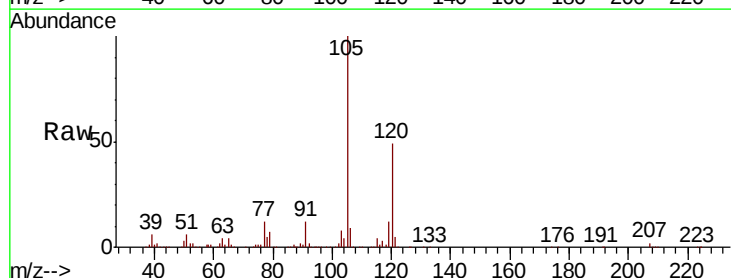
Acq: 05 Nov 2020 17:34

Tgt Ion: 105 Resp: 574046

Ion Ratio Lower Upper

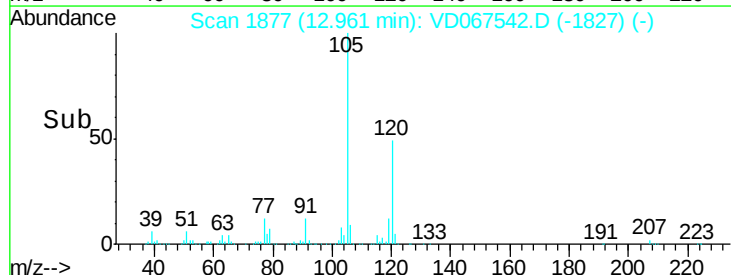
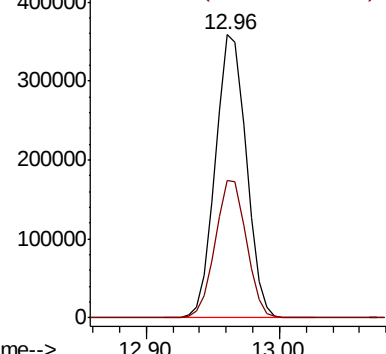
105 100

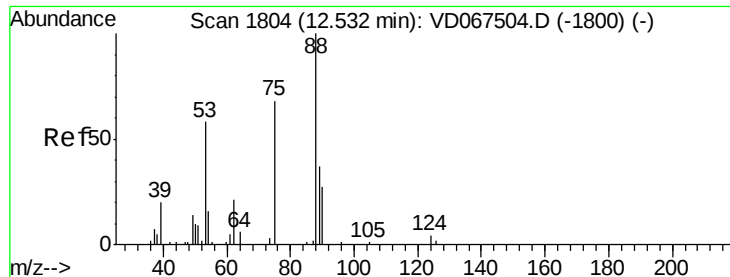
120 48.9 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VD067504.D (-1869) (-)

Ion 120.00 (119.70 to 120.70): VD067504.D (-1869) (-)





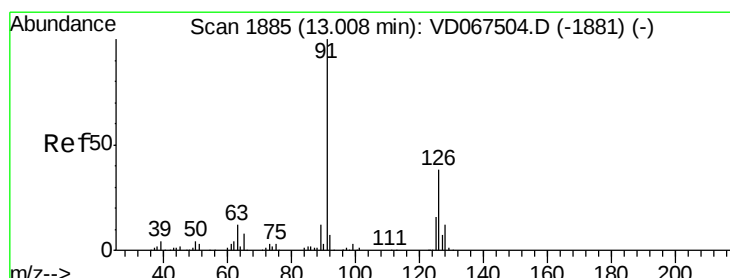
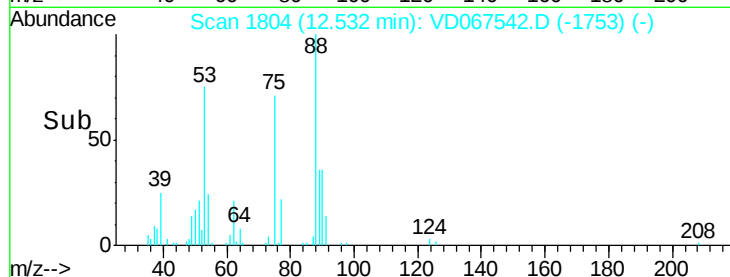
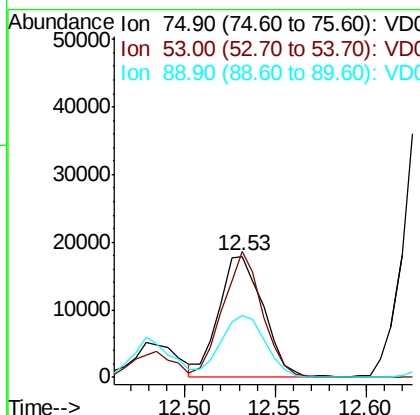
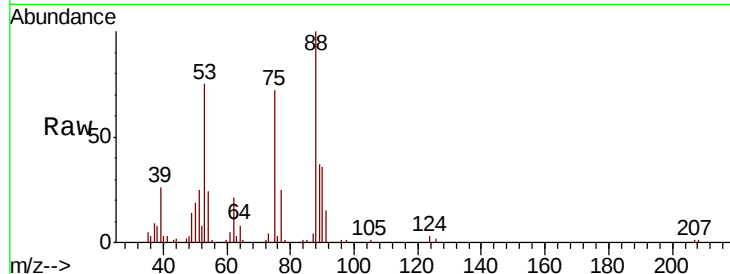
#81
trans-1,4-Dichloro-2-butene
Concen: 47.957 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	91.8	75.9	113.9
89	50.2	44.6	67.0

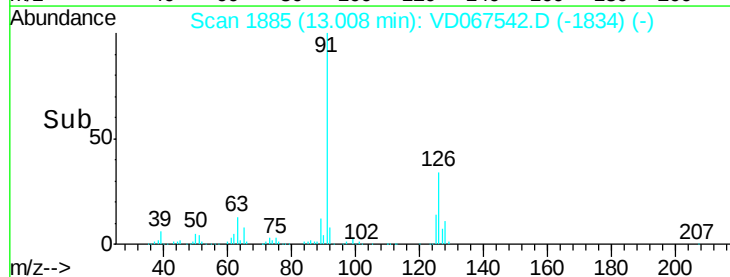
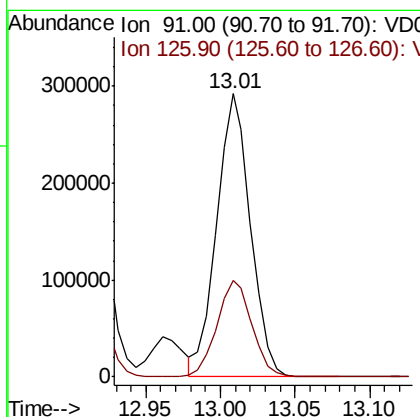
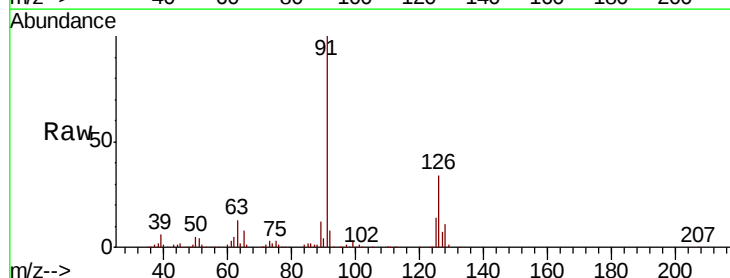
Manual Integrations
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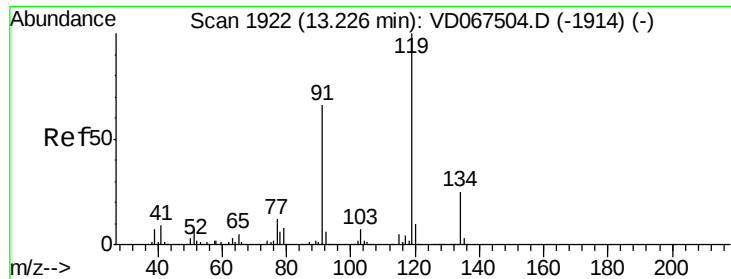
MMDadoda
11/6/2020 9:24:35 AM



#82
4-Chlorotoluene
Concen: 47.812 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.4	17.9	53.7





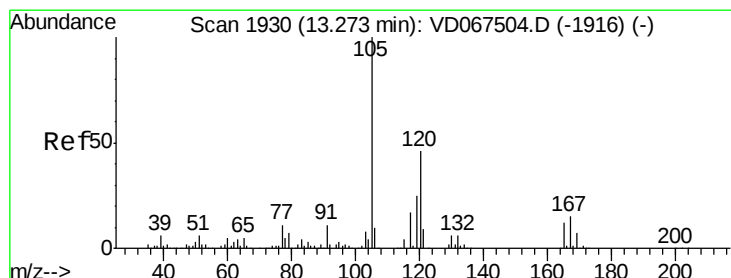
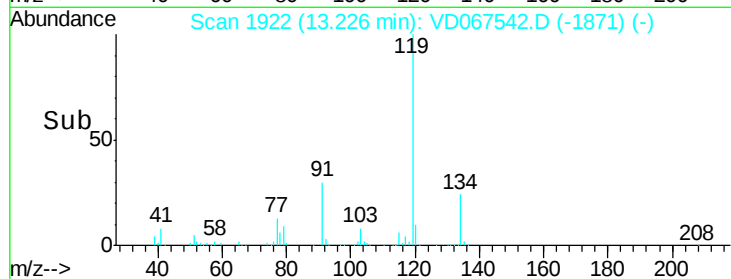
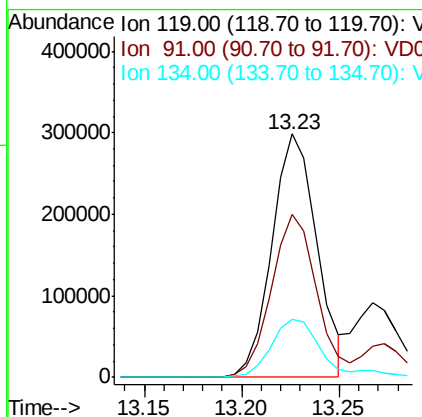
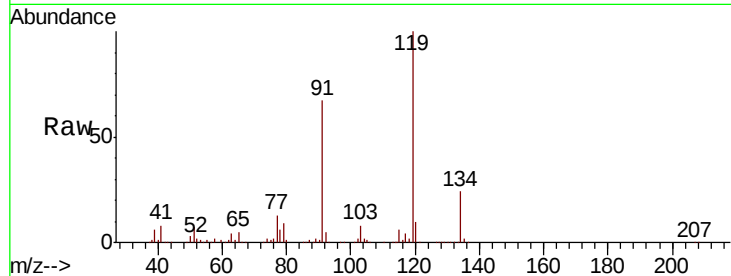
#83
tert-Butylbenzene
Concen: 47.497 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.2	32.7	98.1
134	27.1	13.4	40.2

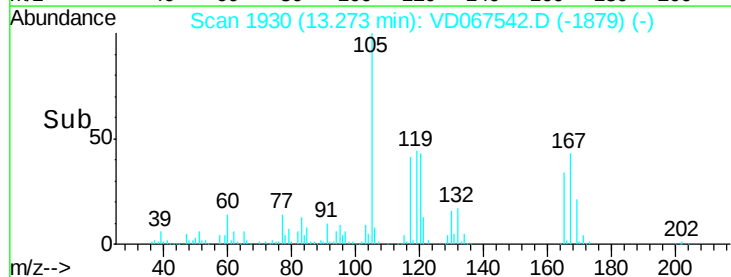
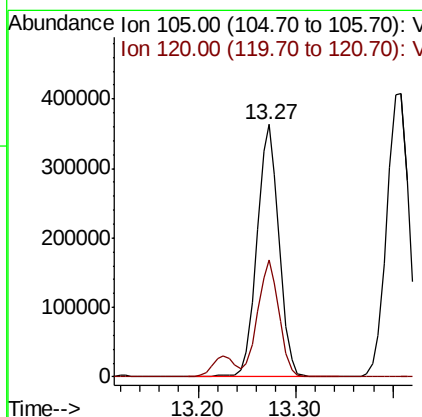
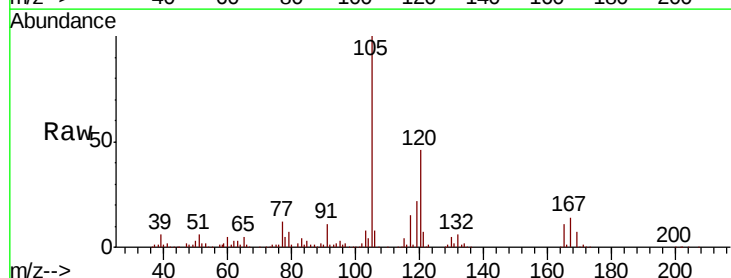
Manual Integrations
APPROVED

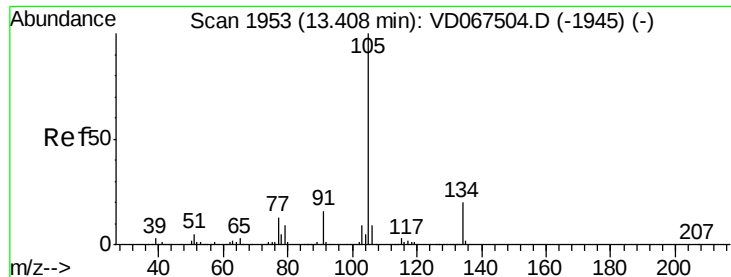
MMDadoda
11/6/2020 9:24:35 AM



#84
1,2,4-Trimethylbenzene
Concen: 48.851 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.1	66.1





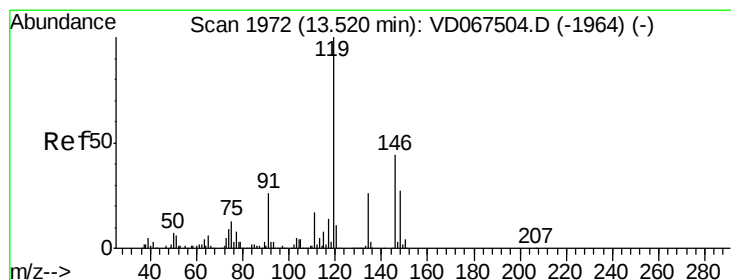
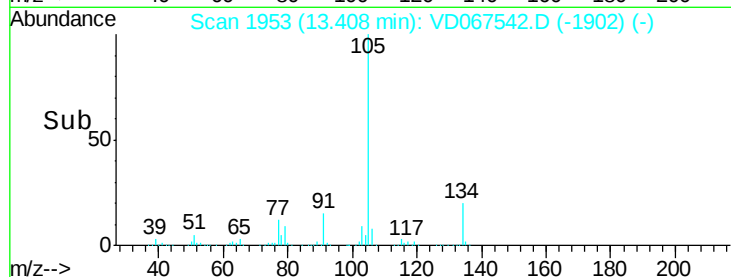
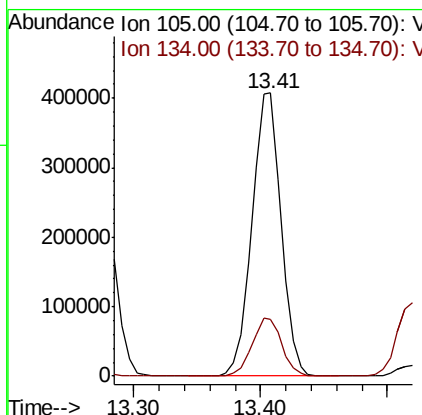
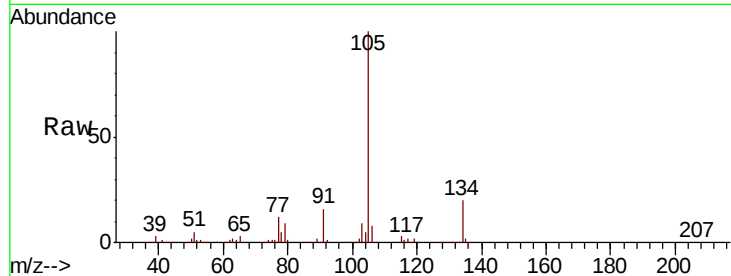
#85
 sec-Butylbenzene
 Concen: 48.204 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VD067542.D
 Acq: 05 Nov 2020 17:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.6	10.4	31.4

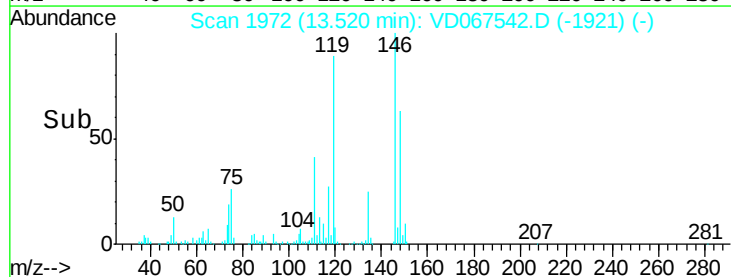
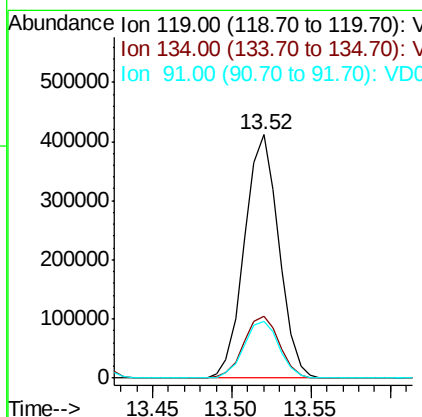
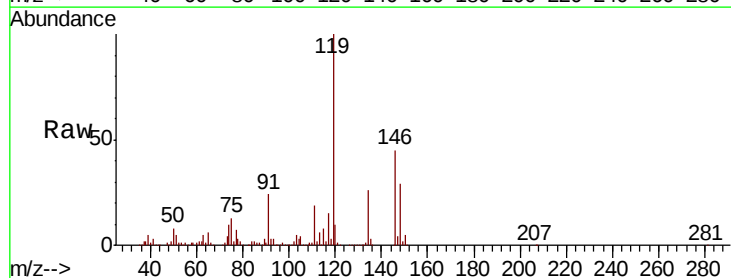
Manual Integrations
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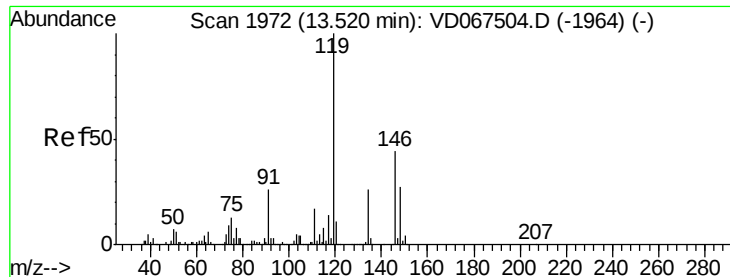
MMDadoda
 11/6/2020 9:24:35 AM



#86
 p-Isopropyltoluene
 Concen: 47.460 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD067542.D
 Acq: 05 Nov 2020 17:34

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.1	39.3
91	23.9	12.2	36.4





#87

1,3-Dichlorobenzene

Concen: 46.788 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Instrument :

MSVOA_D

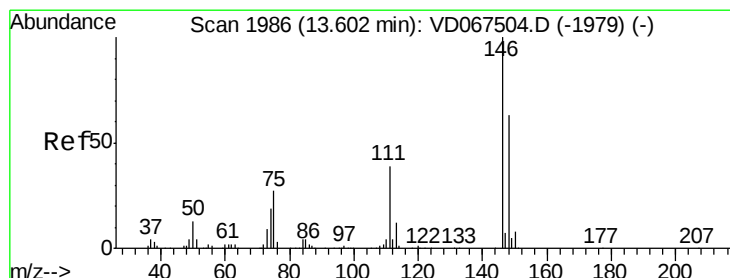
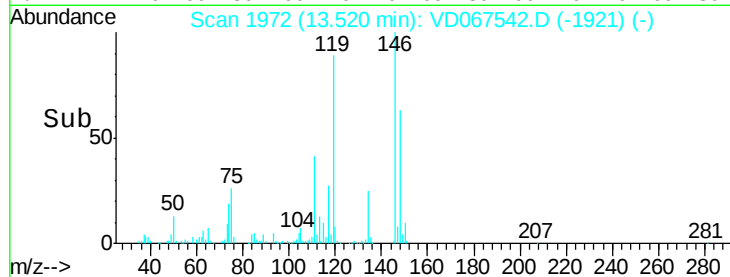
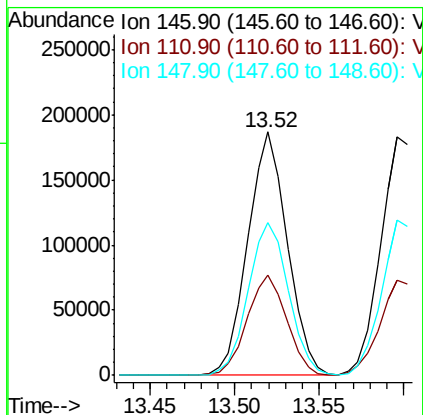
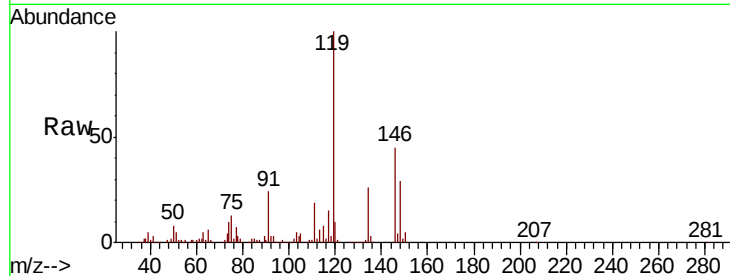
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	303928
Ion Ratio	Lower	Upper	
146	100		
111	41.4	20.3	60.8
148	63.9	31.9	95.9

Manual Integrations
APPROVED

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11/6/2020 9:24:35 AM



#88

1,4-Dichlorobenzene

Concen: 46.388 ug/l

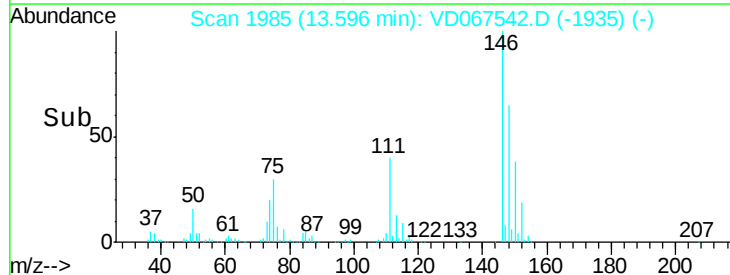
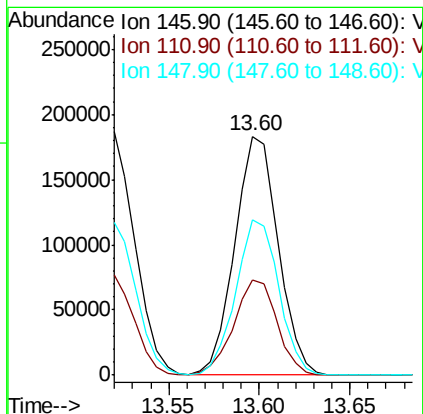
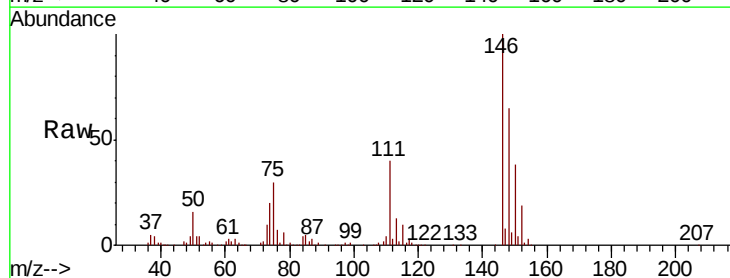
RT: 13.60 min Scan# 1985

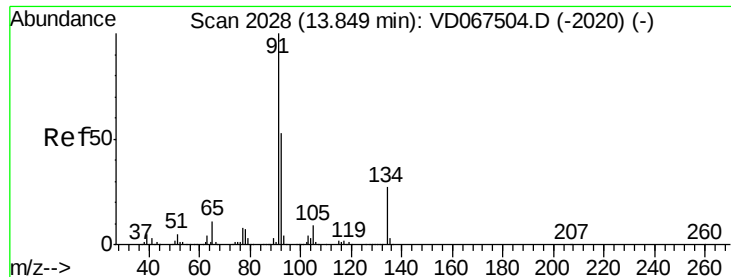
Delta R.T. -0.01 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Tgt Ion:	146	Resp:	305116
Ion Ratio	Lower	Upper	
146	100		
111	39.9	19.6	58.7
148	64.7	31.8	95.4





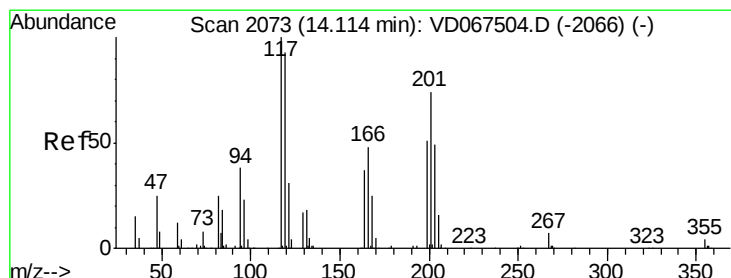
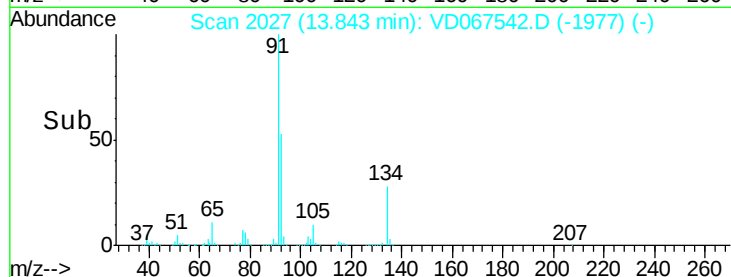
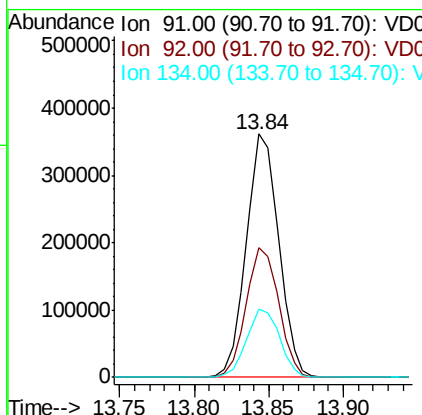
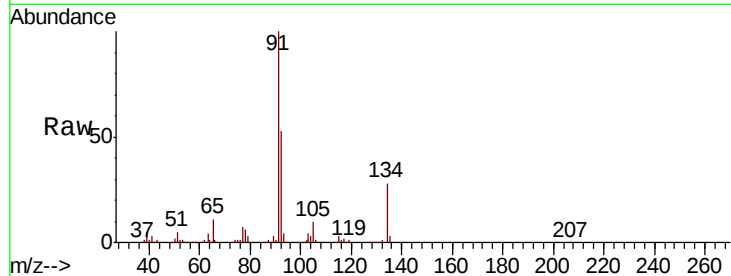
#89
n-Butylbenzene
Concen: 48.077 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.6	79.8
134	28.5	14.1	42.2

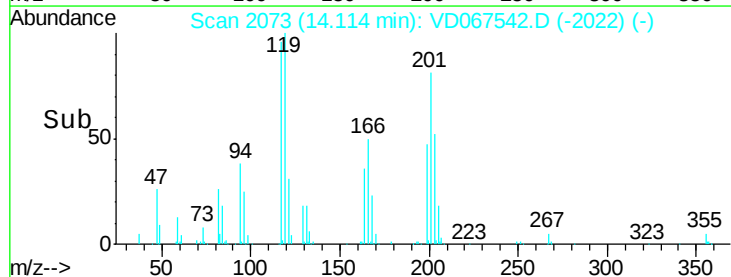
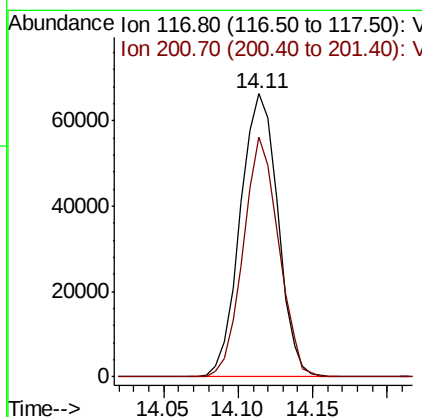
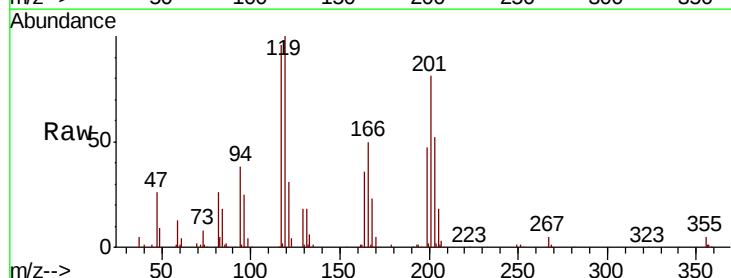
Manual Integrations
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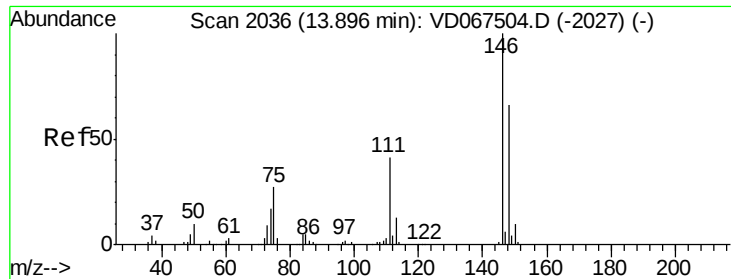
MMDadoda
11/6/2020 9:24:35 AM



#90
Hexachloroethane
Concen: 47.059 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.5	40.7	122.1





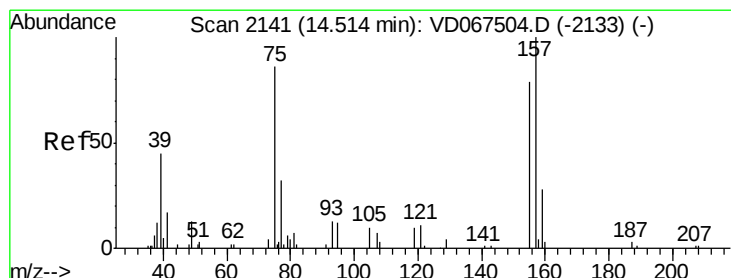
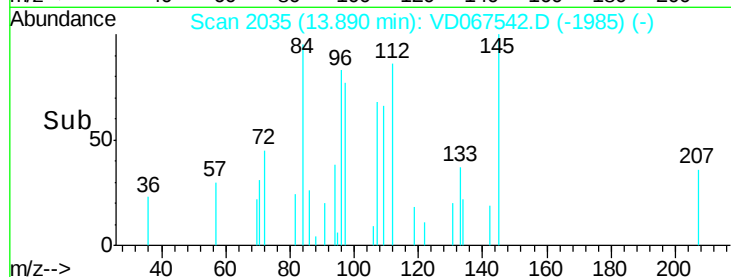
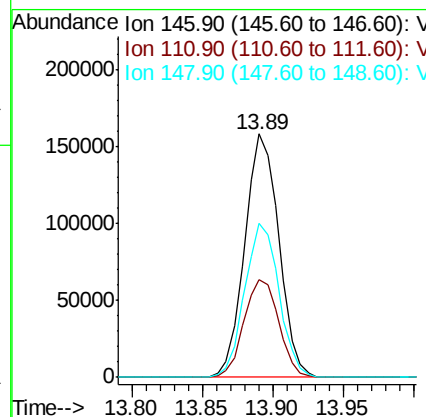
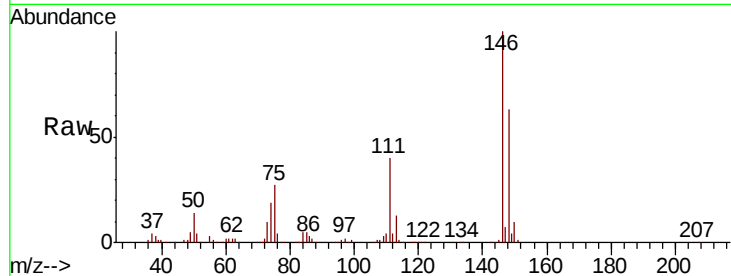
#91
 1,2-Dichlorobenzene
 Concen: 47.653 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD067542.D
 Acq: 05 Nov 2020 17:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.7	62.1
148	63.8	31.5	94.5

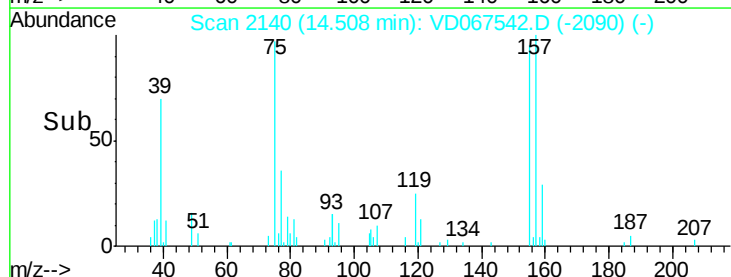
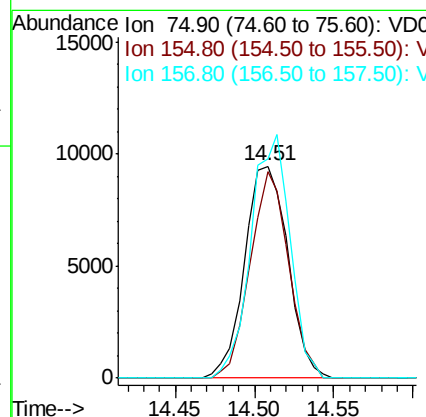
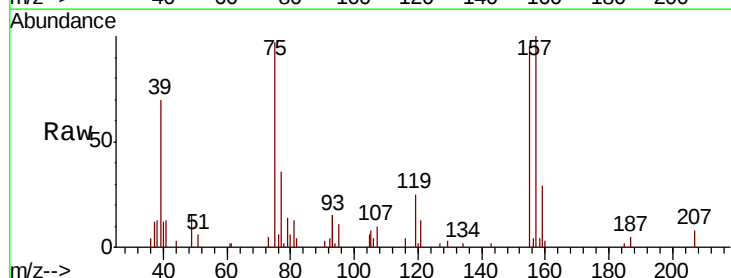
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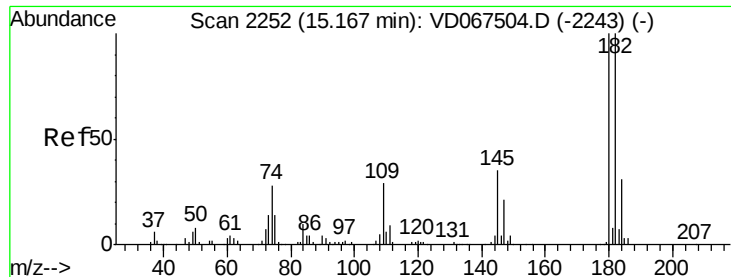
MMDadoda
 11/6/2020 9:24:35 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.689 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067542.D
 Acq: 05 Nov 2020 17:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.4	46.6	139.8
157	104.0	58.1	174.2





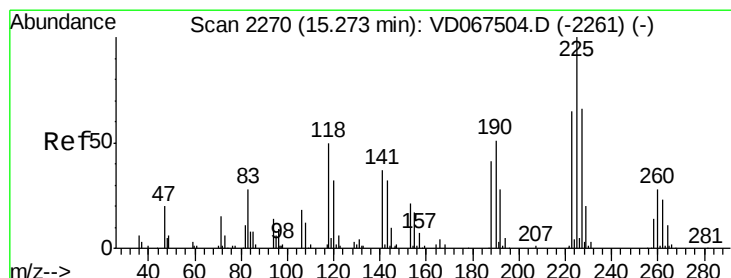
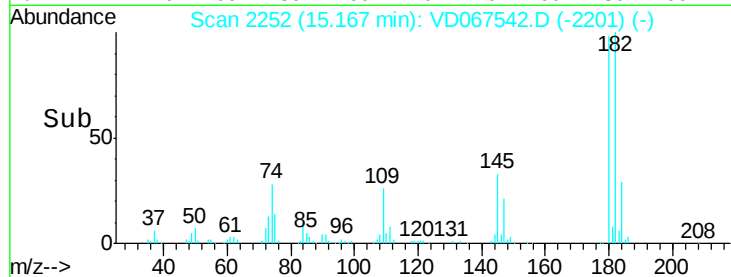
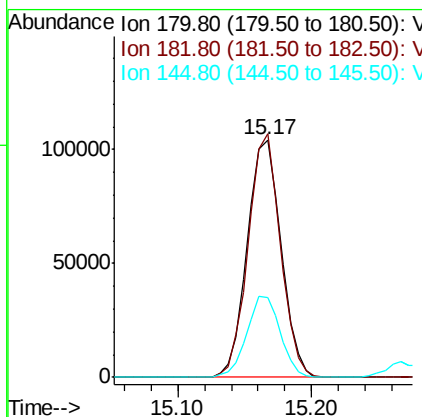
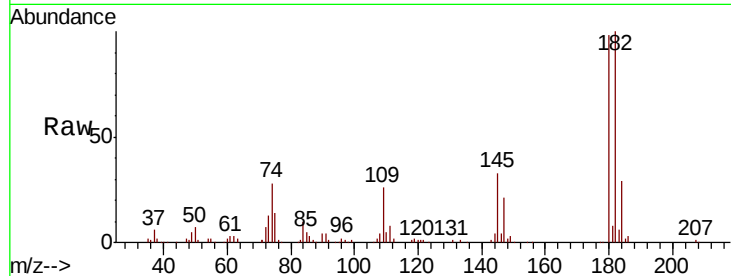
#93
 1,2,4-Trichlorobenzene
 Concen: 47.849 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD067542.D
 Acq: 05 Nov 2020 17:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	97.4	47.4	142.3	
145	33.7	16.2	48.6	

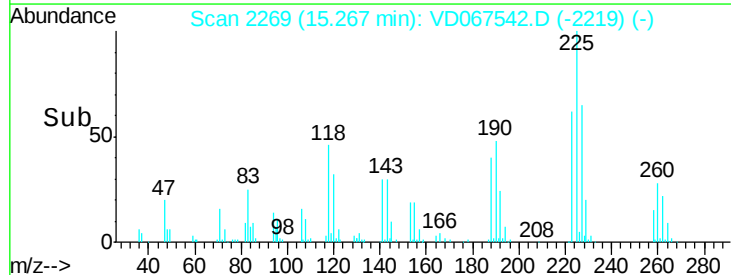
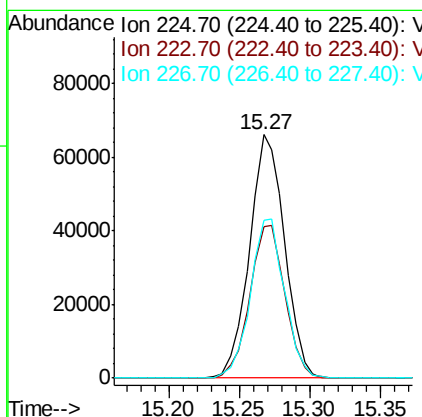
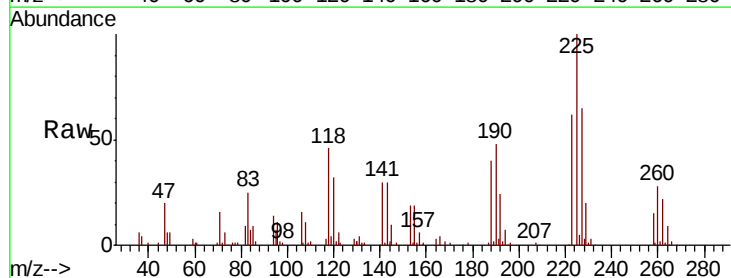
Manual Integrations
 APPROVED

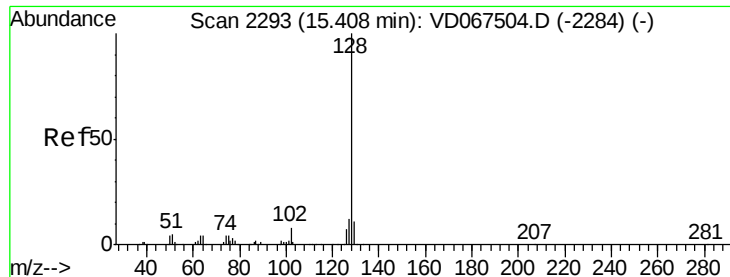
MMDadoda
 11/6/2020 9:24:35 AM



#94
 Hexachlorobutadiene
 Concen: 45.169 ug/l
 RT: 15.27 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: VD067542.D
 Acq: 05 Nov 2020 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.0	31.9	95.5	
227	63.7	32.5	97.4	





#95

Naphthalene

Concen: 51.287 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Instrument :

MSVOA_D

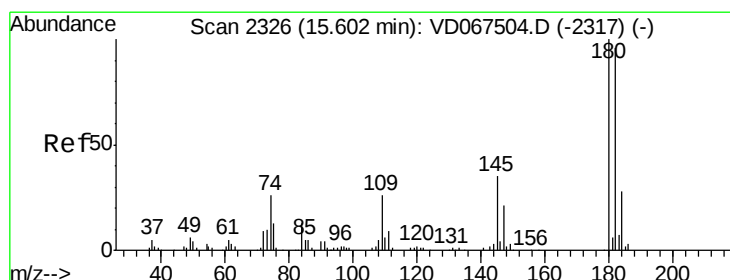
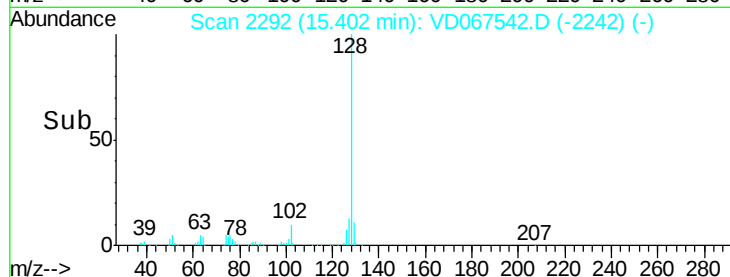
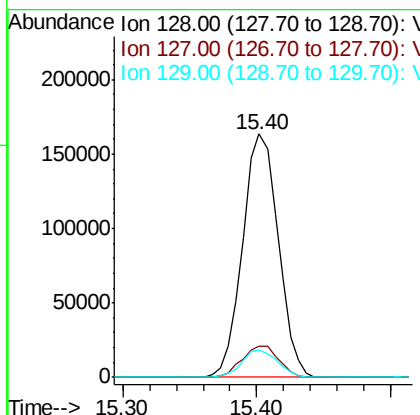
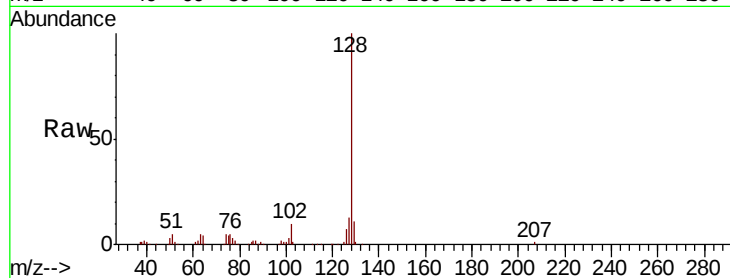
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	302004
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.2	15.4
129	11.3	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
11/6/2020 9:24:35 AM



#96

1,2,3-Trichlorobenzene

Concen: 49.214 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. -0.01 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Tgt Ion:	180	Resp:	160807
Ion Ratio	Lower	Upper	
180	100		
182	95.7	46.9	140.8
145	33.0	17.1	51.2

