

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100620\
 Data File : VD067120.D
 Acq On : 06 Oct 2020 21:45
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/7/2020 12:10:08 PM

Quant Time: Oct 07 02:01:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	361381	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	568053	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	523599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	261260	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	175367	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
35) Dibromofluoromethane	7.91	113	190147	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
50) Toluene-d8	10.34	98	668073	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
62) 4-Bromofluorobenzene	12.63	95	230081	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	156023	54.030	ug/l	94
3) Chloromethane	2.21	50	119974	41.687	ug/l	98
4) Vinyl Chloride	2.35	62	128742	44.613	ug/l	99
5) Bromomethane	2.77	94	99296	53.704	ug/l	98
6) Chloroethane	2.92	64	83876	47.727	ug/l	93
7) Trichlorofluoromethane	3.27	101	301790	47.071	ug/l	90
8) Diethyl Ether	3.71	74	77862	48.973	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.10	101	168085	46.383	ug/l	99
10) Methyl Iodide	4.30	142	187386	53.218	ug/l	98
11) Tert butyl alcohol	5.23	59	45121	214.233	ug/l #	86
12) 1,1-Dichloroethene	4.07	96	159729	46.888	ug/l	97
13) Acrolein	3.92	56	48658	208.767	ug/l	99
14) Allyl chloride	4.71	41	198901	44.944	ug/l	95
15) Acrylonitrile	5.41	53	141413	241.670	ug/l	99
16) Acetone	4.15	43	116396	219.058	ug/l	98
17) Carbon Disulfide	4.41	76	474436	45.380	ug/l	97
18) Methyl Acetate	4.71	43	63775	47.755	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	323144	51.962	ug/l	94
20) Methylene Chloride	4.96	84	192236	51.150	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	188070	48.510	ug/l	96
22) Diisopropyl ether	6.37	45	382955	47.399	ug/l #	95
23) Vinyl Acetate	6.31	43	1119452	244.511	ug/l	98
24) 1,1-Dichloroethane	6.27	63	295039	47.318	ug/l	98
25) 2-Butanone	7.21	43	169479	224.974	ug/l	99
26) 2,2-Dichloropropane	7.21	77	261741	49.009	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	206929	49.977	ug/l	97
28) Bromochloromethane	7.55	49	112720	46.811	ug/l	90
29) Tetrahydrofuran	7.56	42	99823	230.455	ug/l	92
30) Chloroform	7.71	83	337917	49.958	ug/l	98
31) Cyclohexane	7.98	56	214020	40.942	ug/l	96
32) 1,1,1-Trichloroethane	7.91	97	310864	49.591	ug/l	99
36) 1,1-Dichloropropene	8.11	75	242981	45.890	ug/l	98
37) Ethyl Acetate	7.29	43	82579	45.020	ug/l	97
38) Carbon Tetrachloride	8.10	117	286202	49.957	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	265876	47.495	ug/l	92
40) Benzene	8.35	78	716163	48.696	ug/l	99
41) Methacrylonitrile	7.52	41	46726	47.152	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	205494	50.004	ug/l	98
43) Isopropyl Acetate	8.45	43	156815	46.406	ug/l	97
44) Trichloroethene	9.11	130	218758	49.813	ug/l	97
45) 1,2-Dichloropropane	9.38	63	169915	49.172	ug/l	93
46) Dibromomethane	9.47	93	100526	50.615	ug/l	96
47) Bromodichloromethane	9.66	83	268183	51.946	ug/l	95
48) Methyl methacrylate	9.46	41	77177	44.580	ug/l #	74
49) 1,4-Dioxane	9.46	88	19531	942.238	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	402730	239.271	ug/l	99
52) Toluene	10.40	92	480653	50.735	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	234945	50.919	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	278563	49.441	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	140680	50.948	ug/l	93
56) Ethyl methacrylate	10.66	69	154062	54.041	ug/l	98
57) 1,3-Dichloropropane	10.94	76	227648	50.841	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	413952	260.885	ug/l	96
59) 2-Hexanone	10.98	43	271014	241.243	ug/l	95
60) Dibromochloromethane	11.14	129	197830	53.754	ug/l	99
61) 1,2-Dibromoethane	11.24	107	138972	52.387	ug/l	99
64) Tetrachloroethene	10.87	164	185071	48.619	ug/l	97
65) Chlorobenzene	11.67	112	522724	50.196	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	204775	51.695	ug/l	98
67) Ethyl Benzene	11.74	91	913354	51.189	ug/l	98
68) m/p-Xylenes	11.86	106	700223	100.699	ug/l	98
69) o-Xylene	12.18	106	320169	51.488	ug/l	93
70) Styrene	12.20	104	566654	53.069	ug/l	98
71) Bromoform	12.36	173	112268	54.599	ug/l #	98
73) Isopropylbenzene	12.48	105	892053	50.285	ug/l	100
74) N-amyl acetate	12.29	43	147682	46.309	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	140094	46.871	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	91610m	40.256	ug/l	
77) Bromobenzene	12.76	156	218947	51.114	ug/l	94
78) n-propylbenzene	12.82	91	1030674	49.160	ug/l	100
79) 2-Chlorotoluene	12.91	91	594093	49.527	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	768186	51.253	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	44270	48.501	ug/l	97
82) 4-Chlorotoluene	13.01	91	626276	49.072	ug/l	99
83) tert-Butylbenzene	13.23	119	641150	50.798	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	764319	51.099	ug/l	98
85) sec-Butylbenzene	13.40	105	886638	49.883	ug/l	99
86) p-Isopropyltoluene	13.52	119	830226	50.382	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	408778	48.993	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	404786	48.520	ug/l	98
89) n-Butylbenzene	13.85	91	730134	48.481	ug/l	99
90) Hexachloroethane	14.11	117	141522	49.029	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	359820	49.380	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	23349	48.461	ug/l	96

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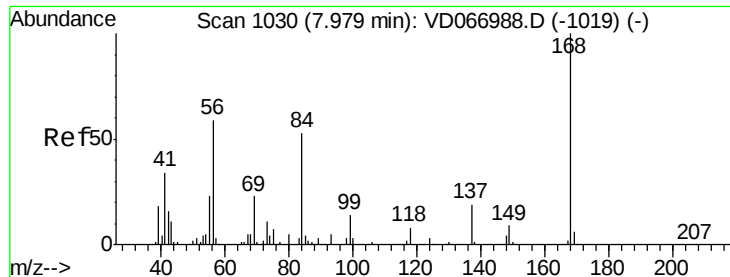
Manual Integrations
APPROVED

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10/7/2020 12:10:08 PM

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	248021	52.622	ug/l	98
94) Hexachlorobutadiene	15.28	225	148648	51.353	ug/l	97
95) Naphthalene	15.41	128	432895	55.064	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	212862	52.024	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. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 361381

Ion Ratio Lower Upper

168 100

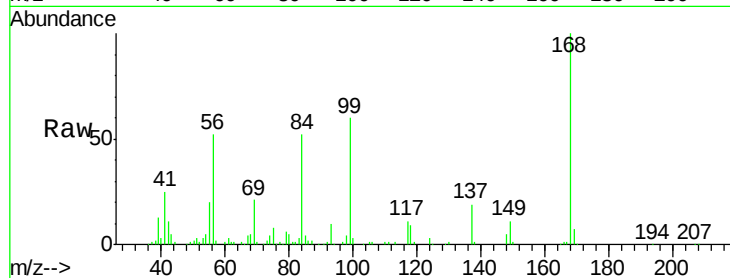
99 59.5 44.1 66.1

Manual Integrations

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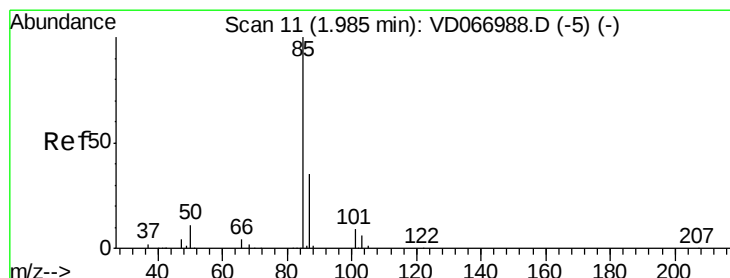
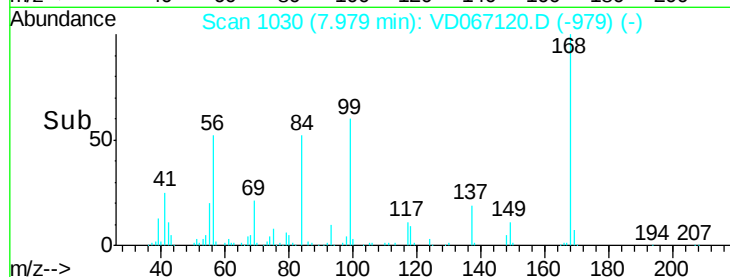
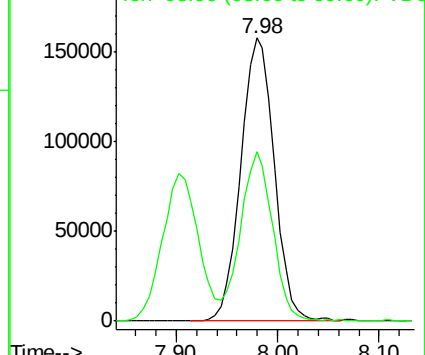
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 54.030 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067120.D

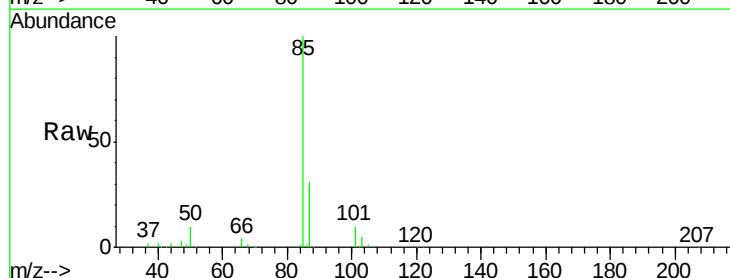
Acq: 06 Oct 2020 21:45

Tgt Ion: 85 Resp: 156023

Ion Ratio Lower Upper

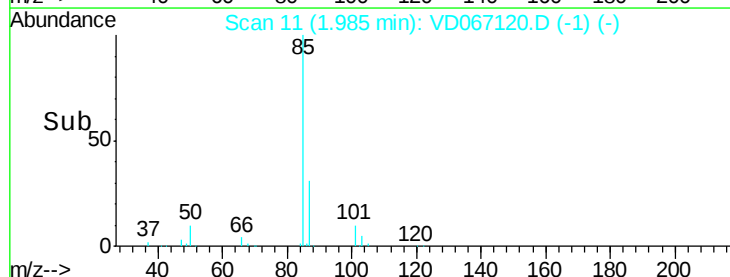
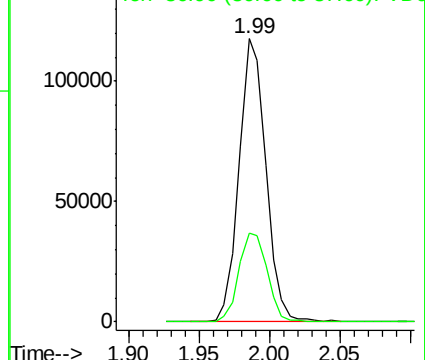
85 100

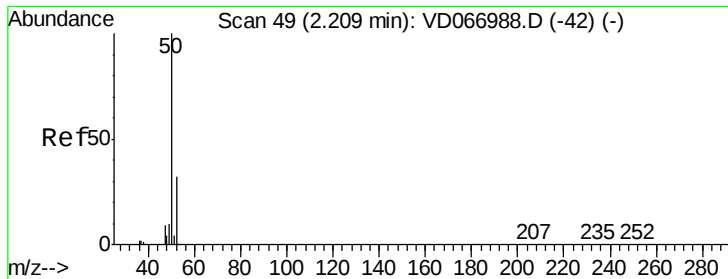
87 31.4 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 41.687 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 119974

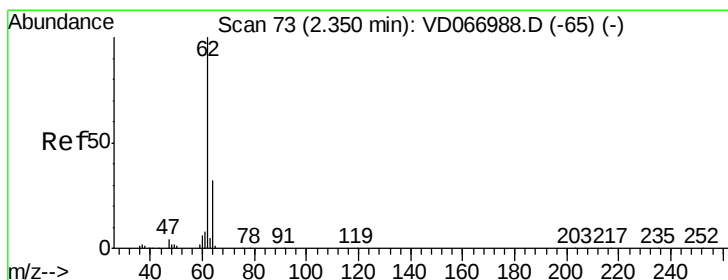
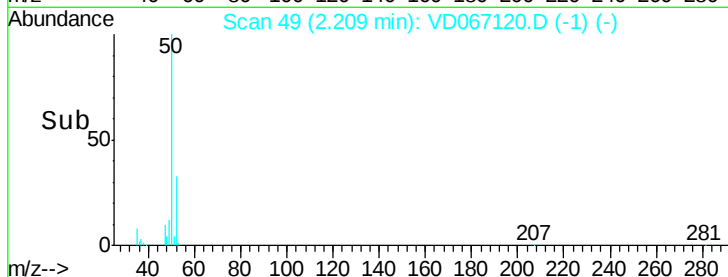
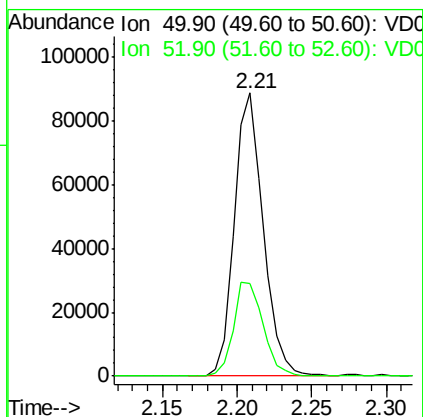
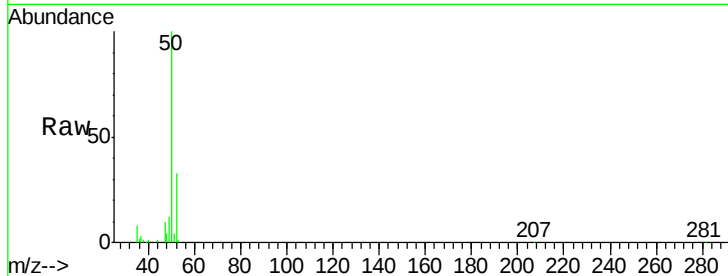
Ion Ratio Lower Upper

50 100

52 32.8 25.3 37.9

Manual Integrations
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#4

Vinyl Chloride

Concen: 44.613 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067120.D

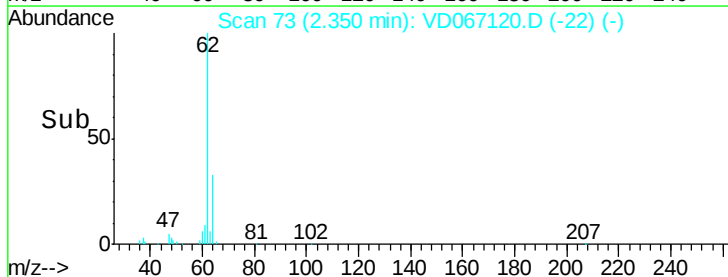
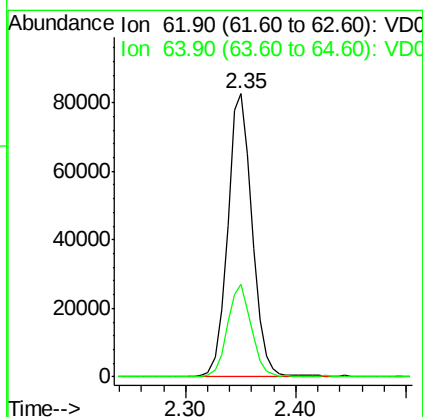
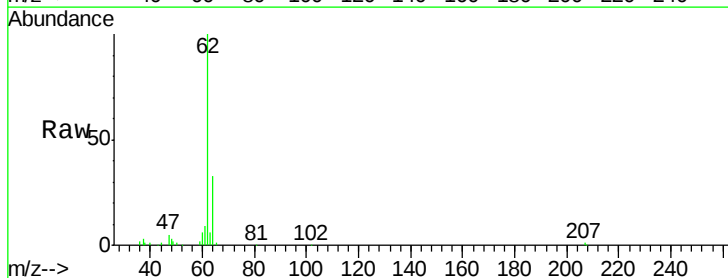
Acq: 06 Oct 2020 21:45

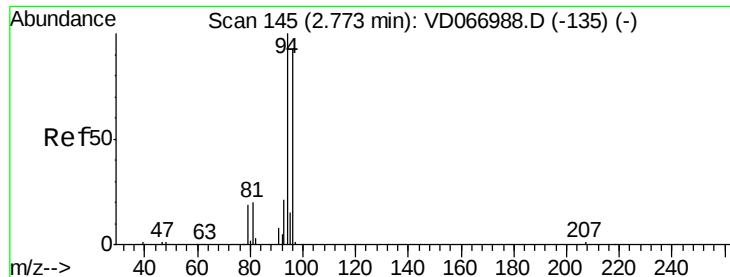
Tgt Ion: 62 Resp: 128742

Ion Ratio Lower Upper

62 100

64 32.7 25.8 38.8





#5

Bromomethane

Concen: 53.704 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 99296

Ion Ratio Lower Upper

94 100

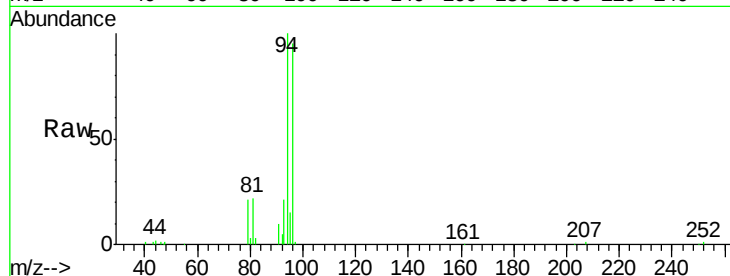
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Manual Integrations

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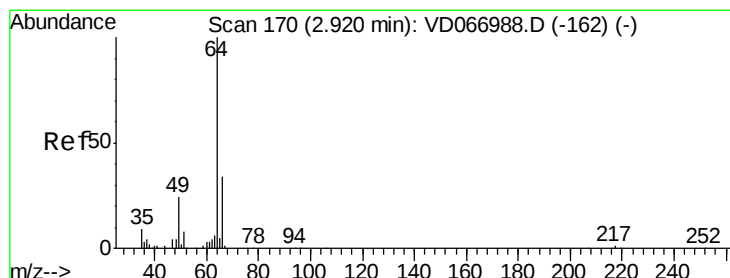
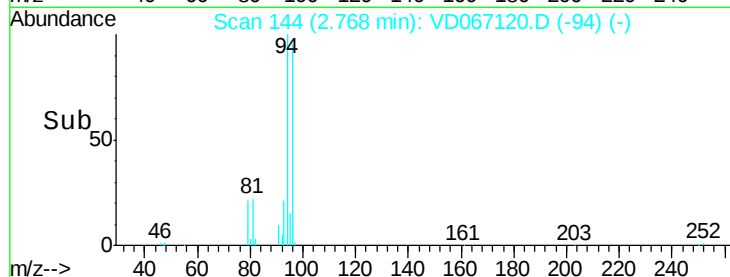
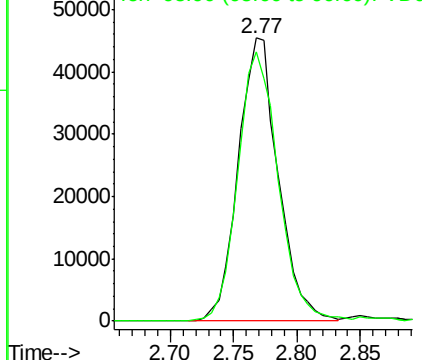
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 47.727 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067120.D

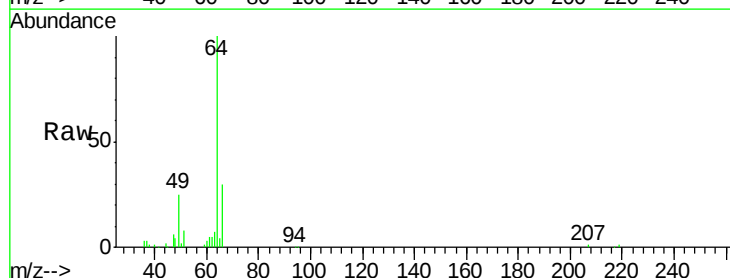
Acq: 06 Oct 2020 21:45

Tgt Ion: 64 Resp: 83876

Ion Ratio Lower Upper

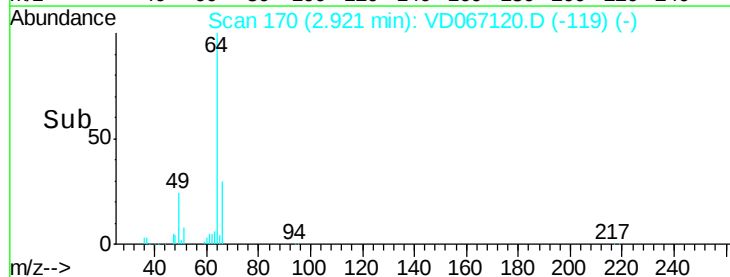
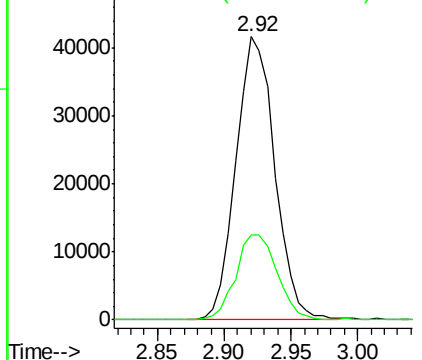
64 100

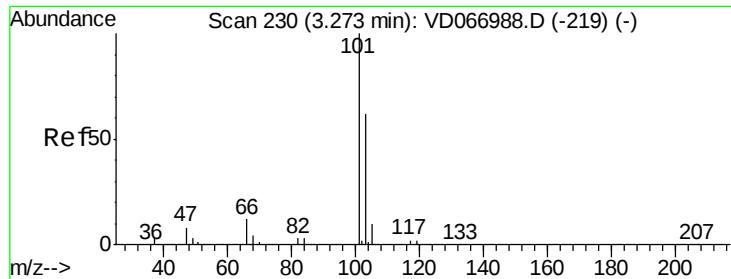
66 29.9 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

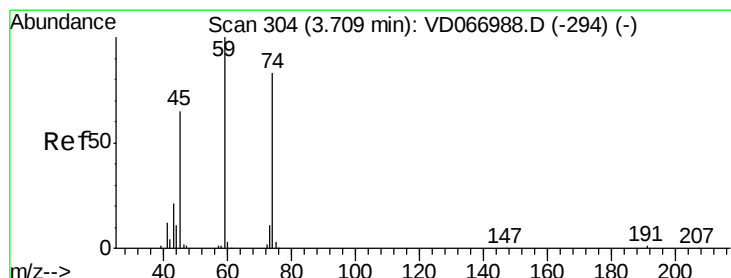
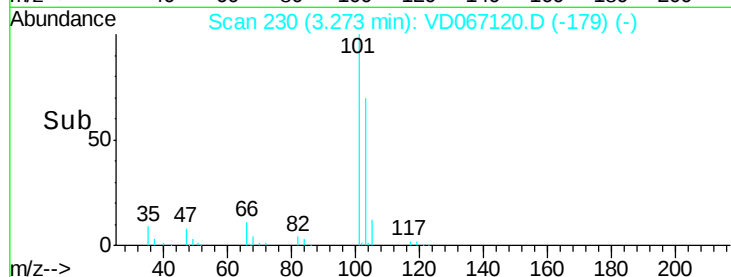
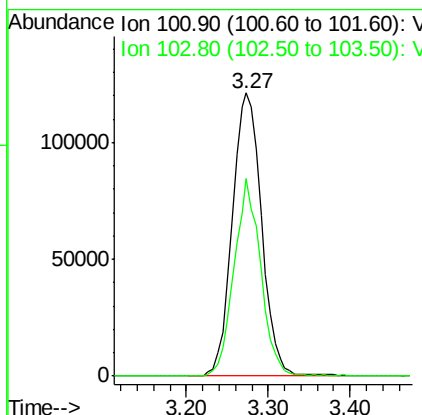
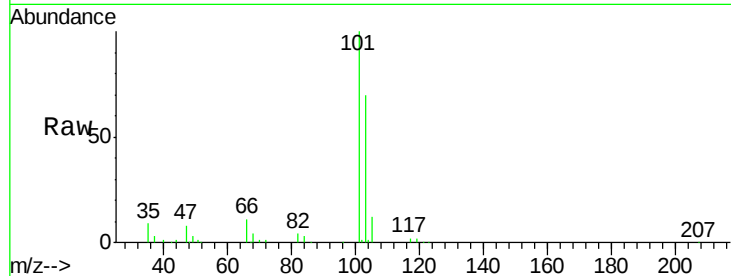
Trichlorofluoromethane
Concen: 47.071 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD067120.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	69.8	49.8	74.8

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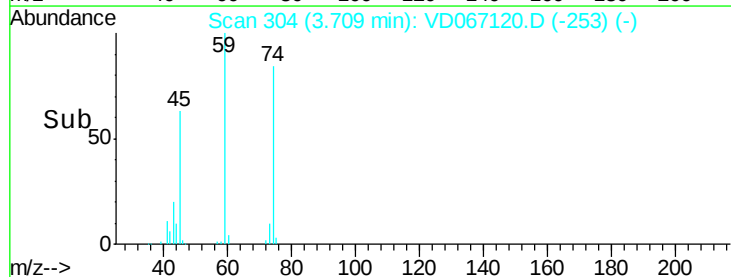
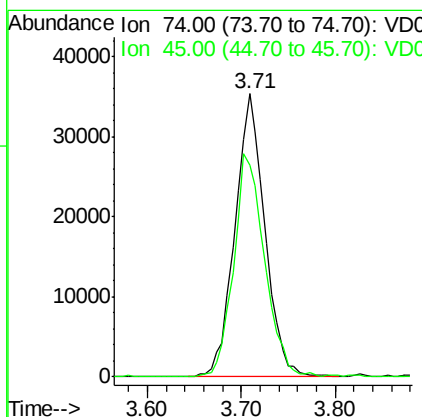
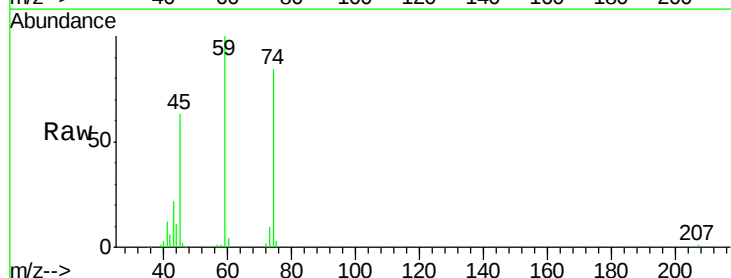
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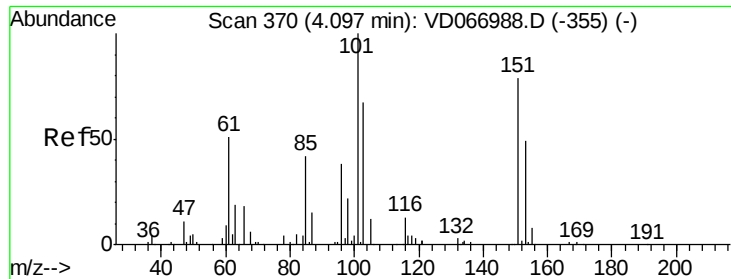


#8

Diethyl Ether
Concen: 48.973 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	81.5	43.1	129.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.383 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Instrument :

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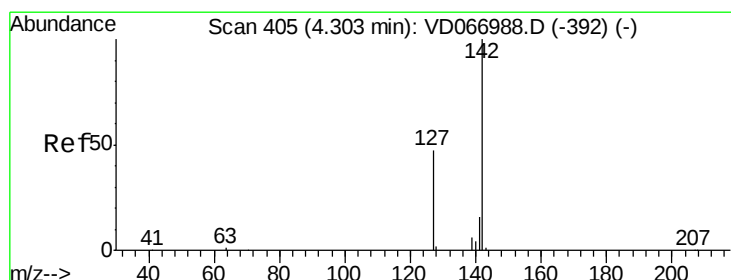
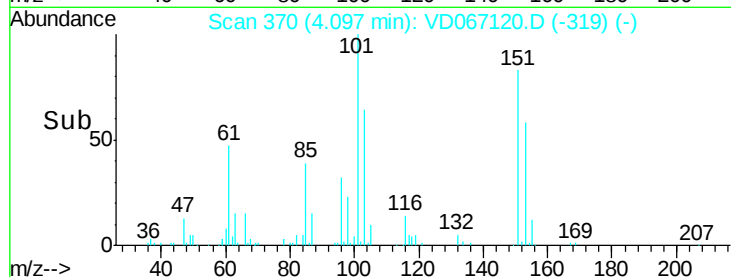
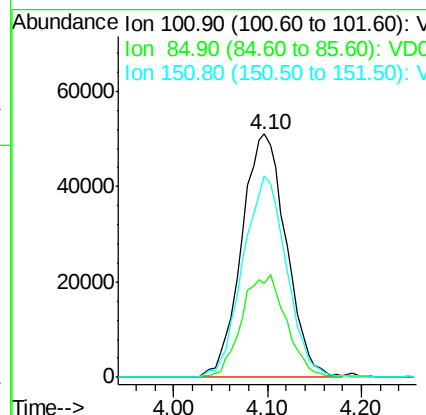
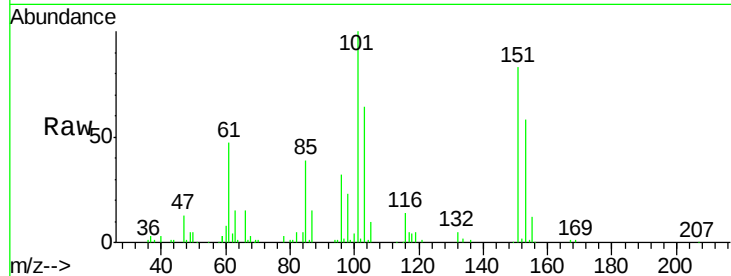
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	168085
Ion Ratio	Lower	Upper	
101	100		
85	41.8	33.8	50.8
151	81.1	63.8	95.8

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#10

Methyl Iodide

Concen: 53.218 ug/l

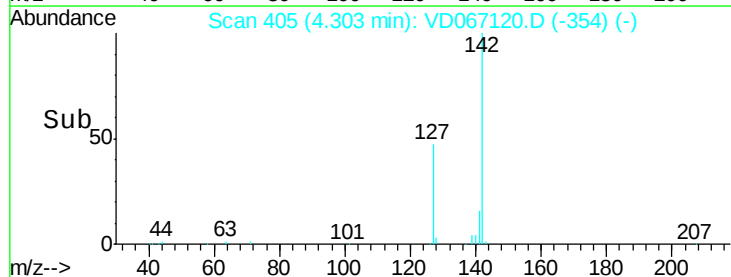
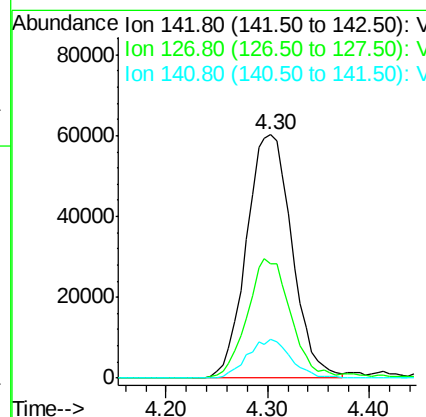
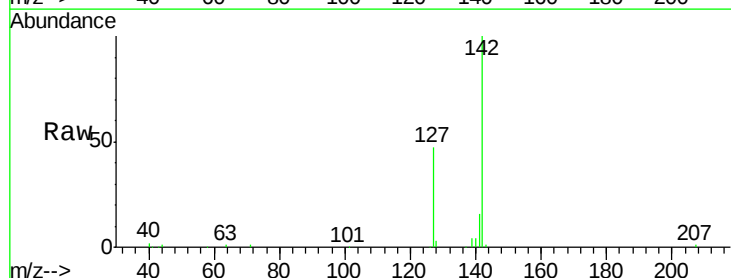
RT: 4.30 min Scan# 405

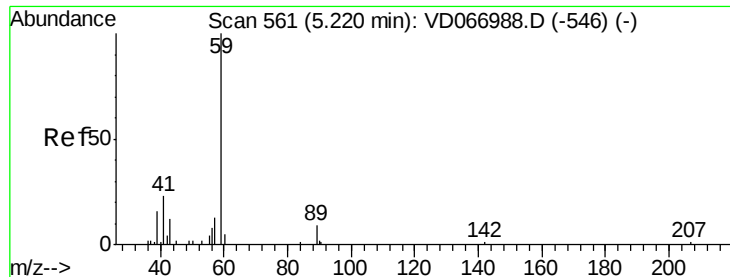
Delta R.T. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Tgt Ion:	142	Resp:	187386
Ion Ratio	Lower	Upper	
142	100		
127	46.8	36.3	54.5
141	15.3	12.0	18.0





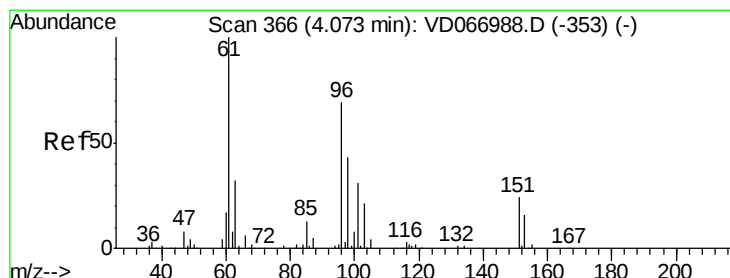
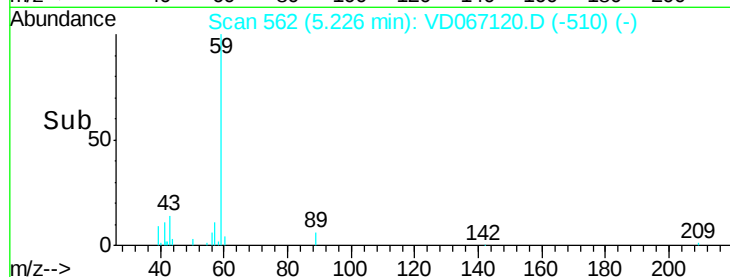
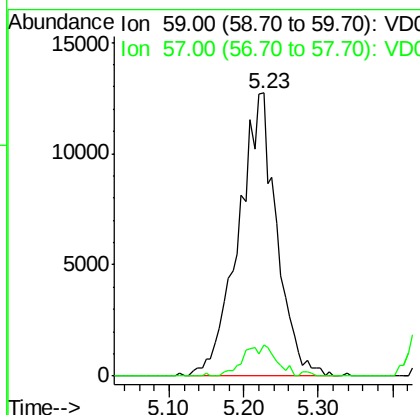
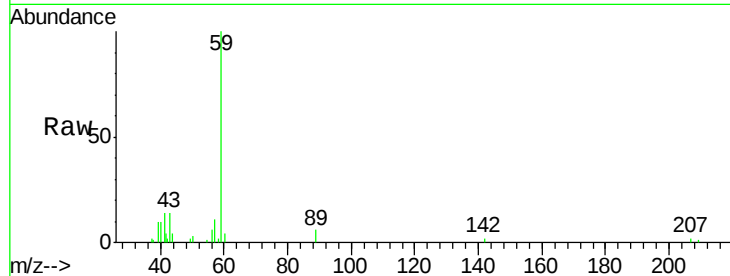
#11
Tert butyl alcohol
Concen: 214.233 ug/l
RT: 5.23 min Scan# 562
Delta R.T. 0.01 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 45121
Ion Ratio Lower Upper
59 100
57 5.0 8.2 12.4#

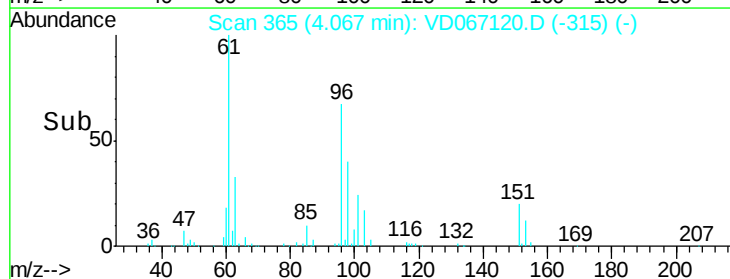
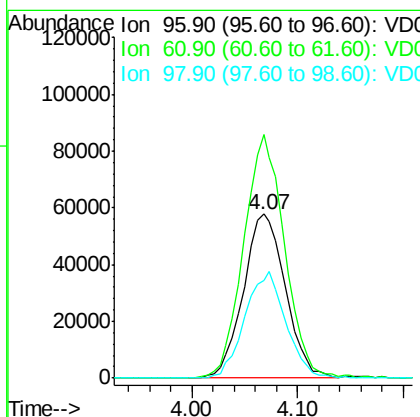
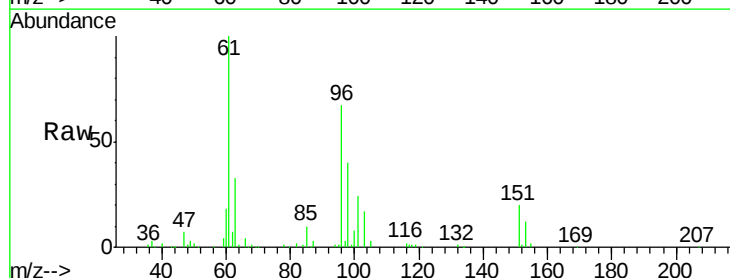
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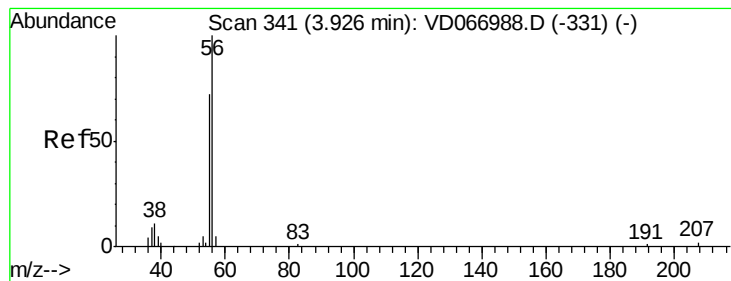
MMDadoda
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#12
1,1-Dichloroethene
Concen: 46.888 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.01 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Tgt Ion: 96 Resp: 159729
Ion Ratio Lower Upper
96 100
61 148.8 116.4 174.6
98 59.8 49.9 74.9





#13

Acrolein

Concen: 208.767 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 48658

Ion Ratio Lower Upper

56 100

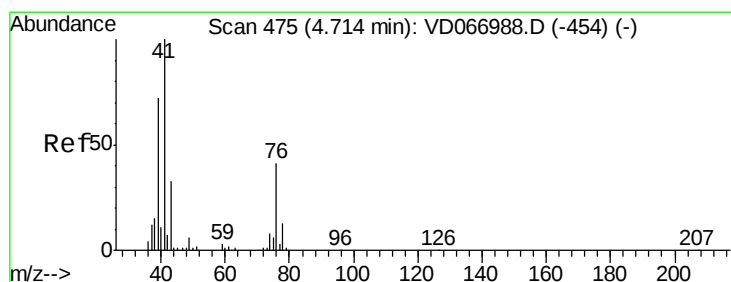
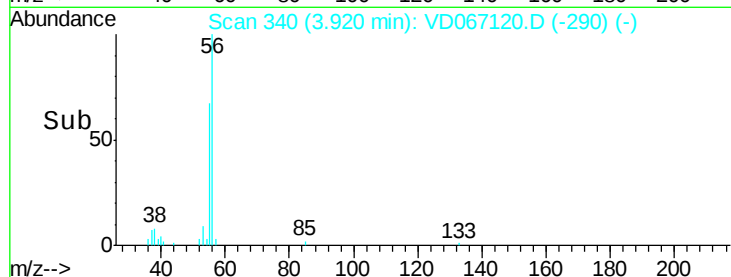
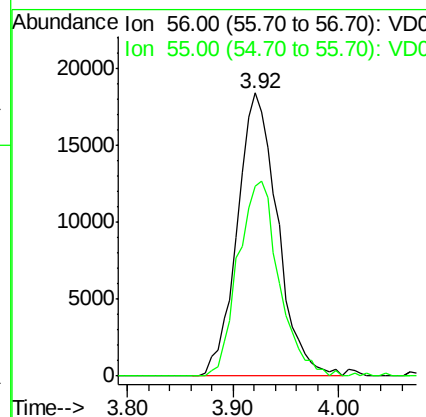
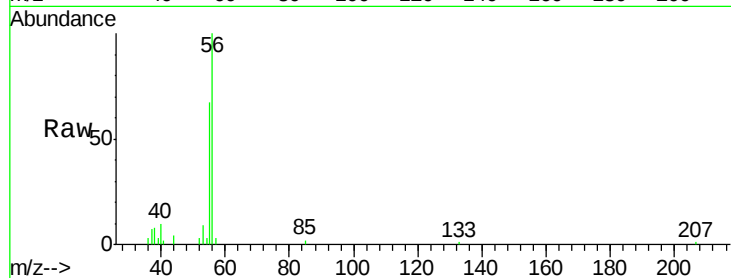
55 70.2 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 44.944 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

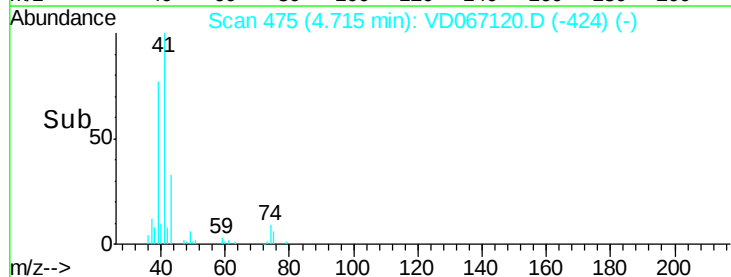
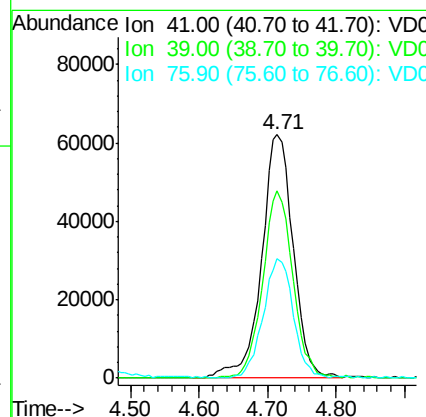
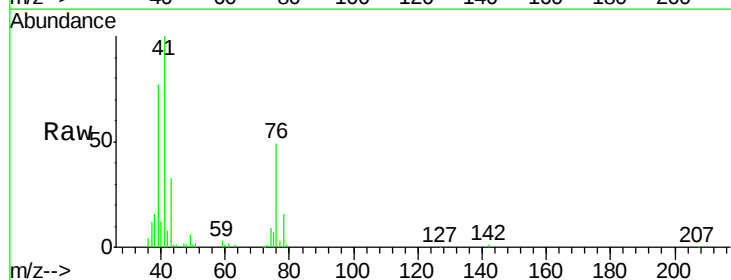
Tgt Ion: 41 Resp: 198901

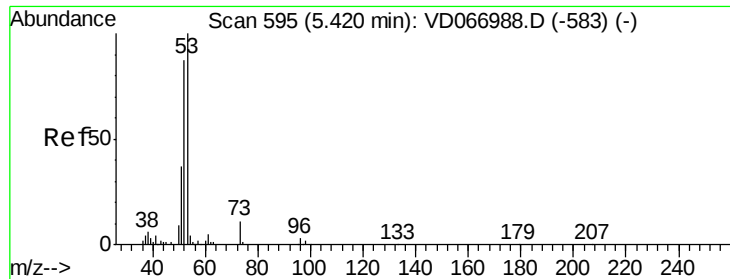
Ion Ratio Lower Upper

41 100

39 73.4 56.2 84.2

76 46.7 34.2 51.2





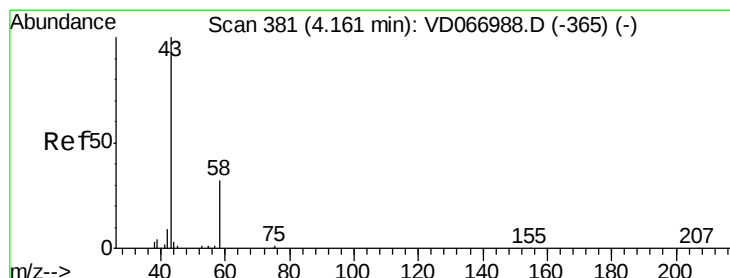
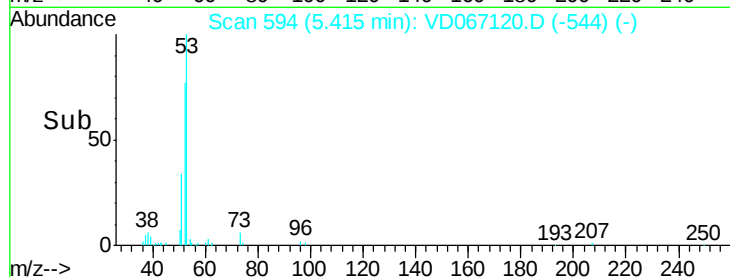
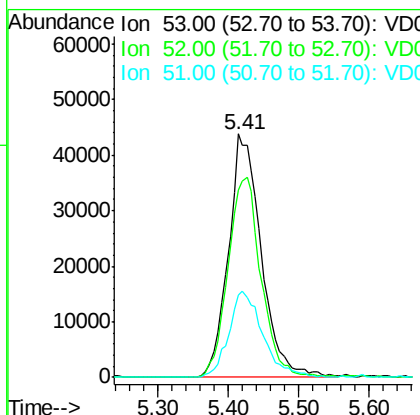
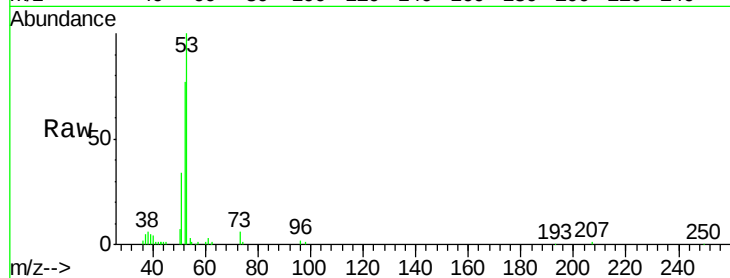
#15
 Acrylonitrile
 Concen: 241.670 ug/l
 RT: 5.41 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: VD067120.D
 Acq: 06 Oct 2020 21:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:	53	Resp:	141413
Ion Ratio	Lower	Upper	
53	100		
52	82.9	67.3	100.9
51	36.7	30.2	45.2

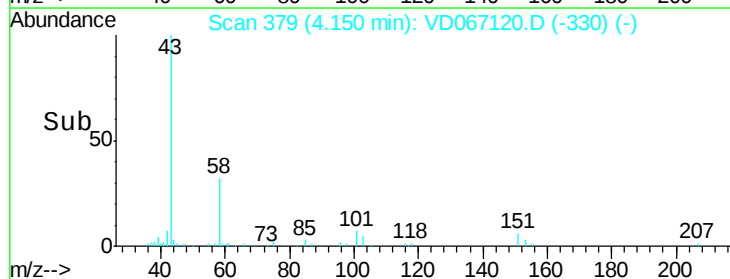
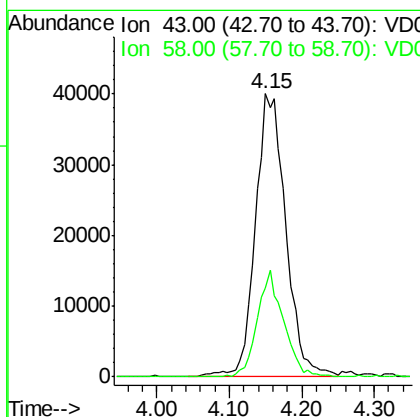
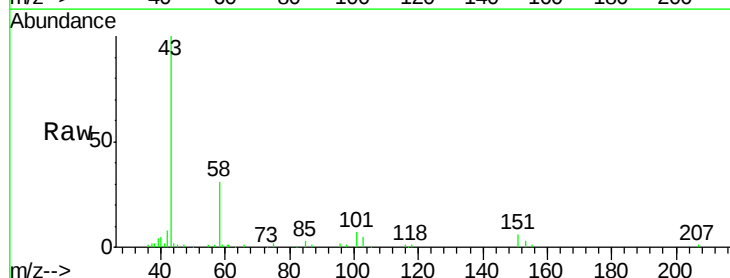
Manual Integrations
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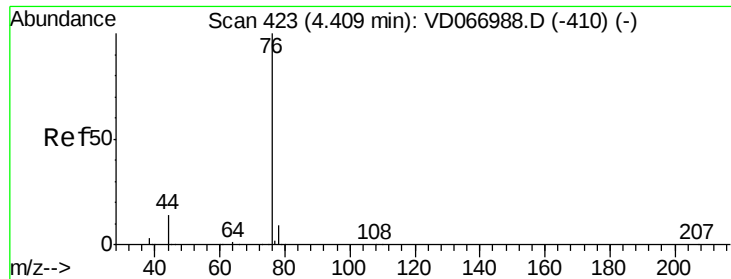
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#16
 Acetone
 Concen: 219.058 ug/l
 RT: 4.15 min Scan# 379
 Delta R.T. -0.01 min
 Lab File: VD067120.D
 Acq: 06 Oct 2020 21:45

Tgt Ion:	43	Resp:	116396
Ion Ratio	Lower	Upper	
43	100		
58	31.5	25.9	38.9





#17

Carbon Disulfide

Concen: 45.380 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 474436

Ion Ratio Lower Upper

76 100

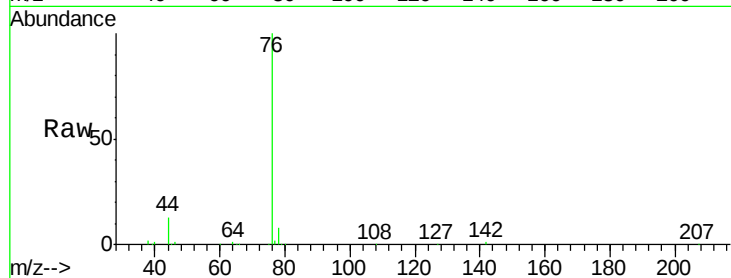
78 8.5 7.5 11.3

Manual Integrations

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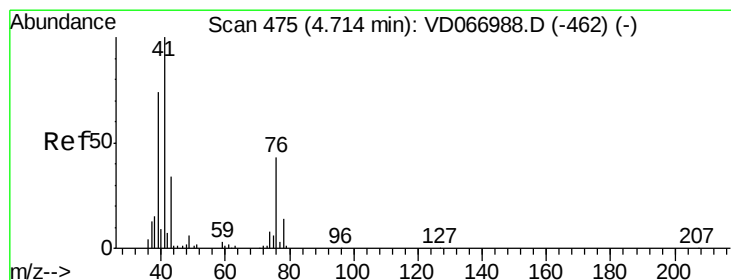
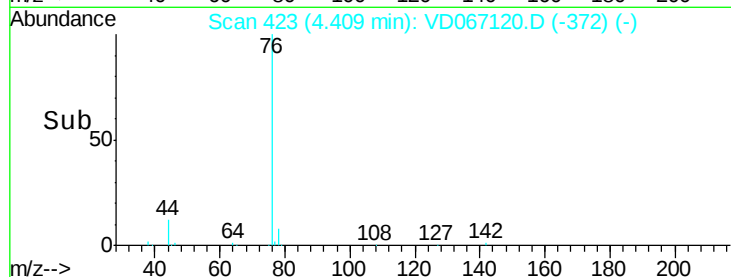
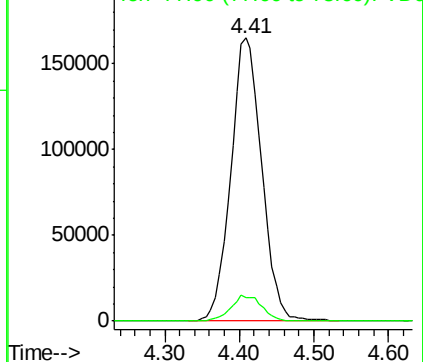
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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 47.755 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067120.D

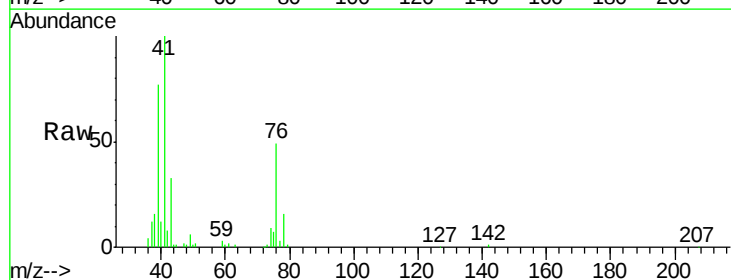
Acq: 06 Oct 2020 21:45

Tgt Ion: 43 Resp: 63775

Ion Ratio Lower Upper

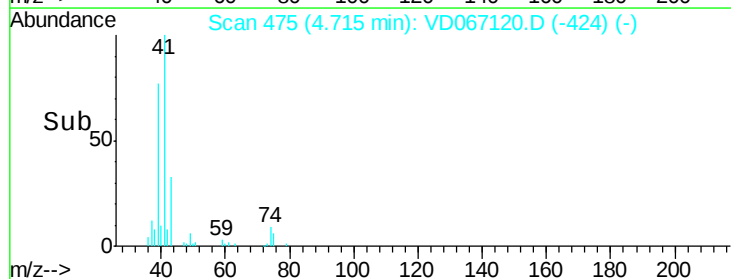
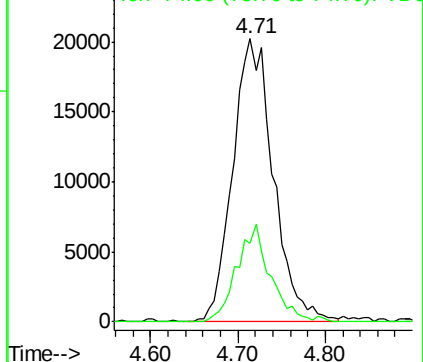
43 100

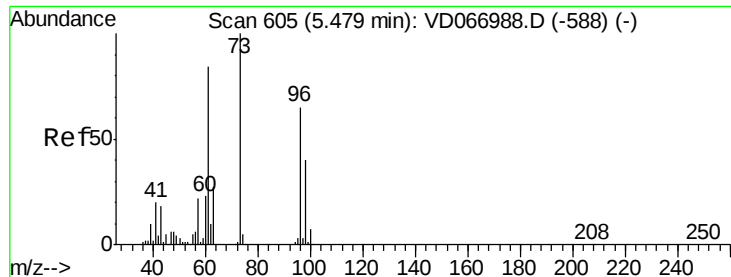
74 28.1 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





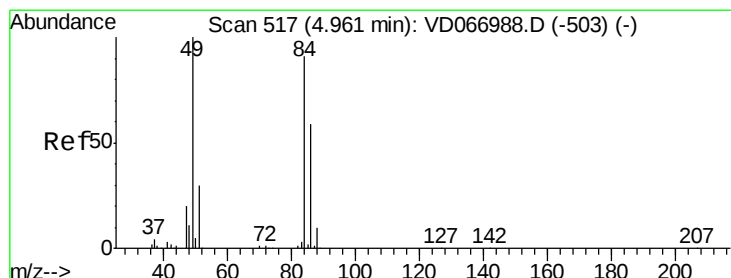
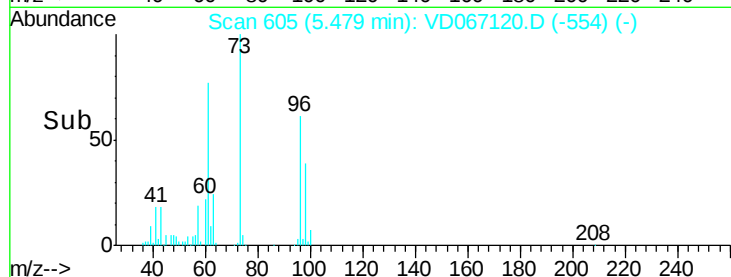
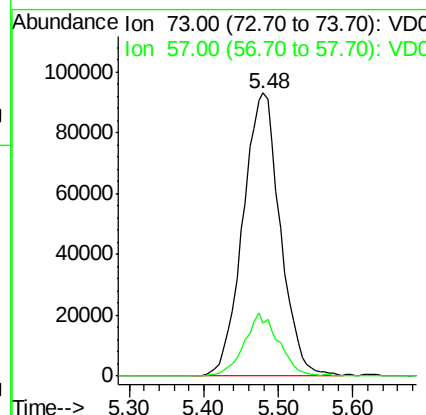
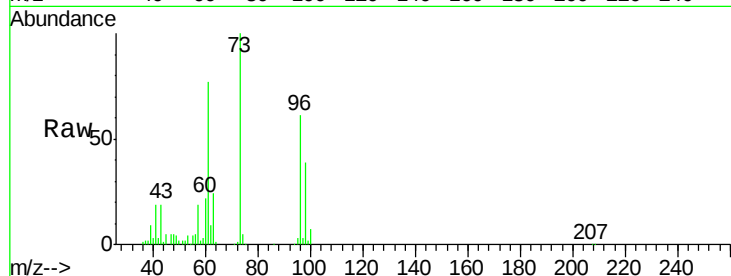
#19
Methyl tert-butyl Ether
Concen: 51.962 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 323144
Ion Ratio Lower Upper
73 100
57 18.8 17.4 26.0

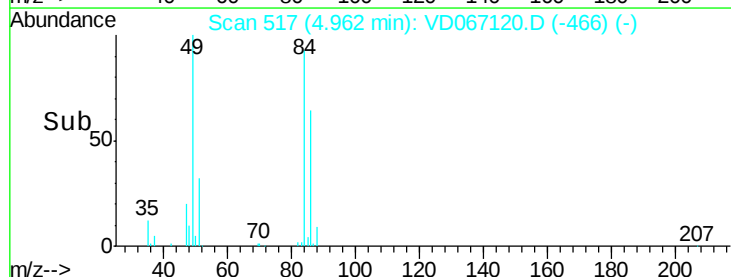
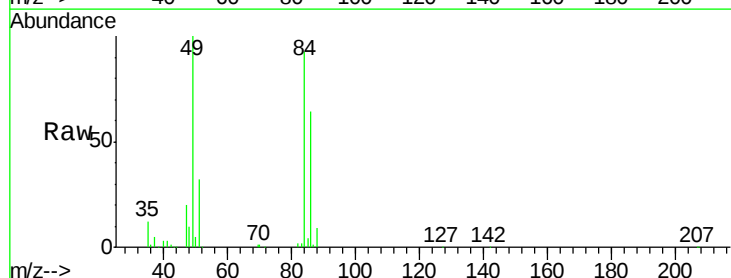
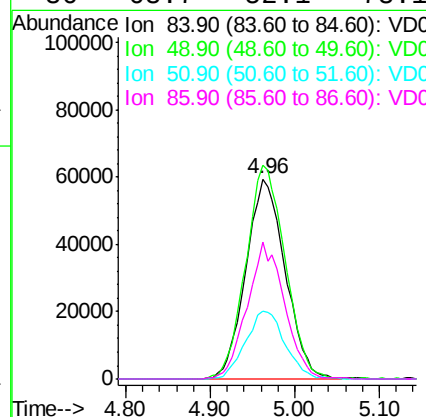
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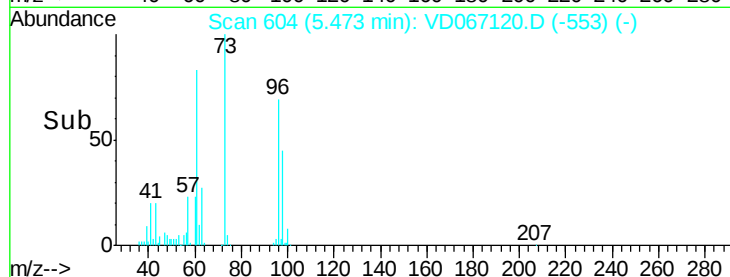
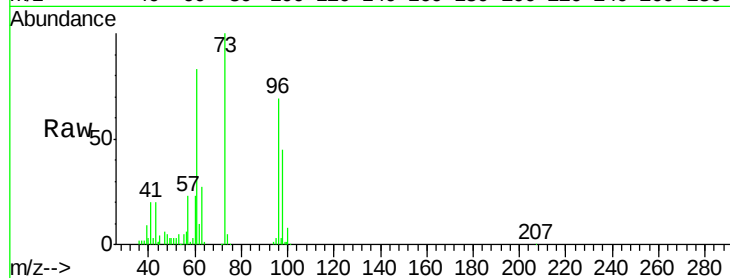
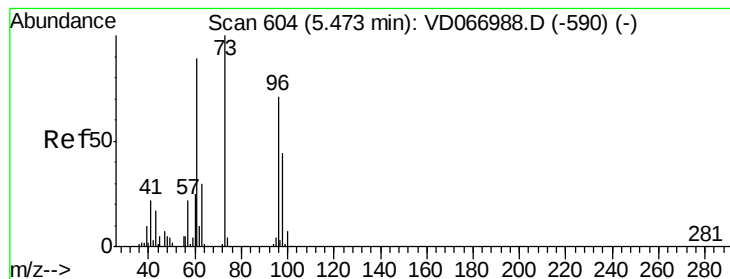
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#20
Methylene Chloride
Concen: 51.150 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Tgt Ion: 84 Resp: 192236
Ion Ratio Lower Upper
84 100
49 107.0 88.2 132.2
51 34.2 26.6 39.8
86 68.7 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 48.510 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Tot Ion:	96	Resp:	188070
Ion	Ratio	Lower	Upper
96	100		
61	121.3	99.6	149.4
98	66.2	49.4	74.2

Instrument :

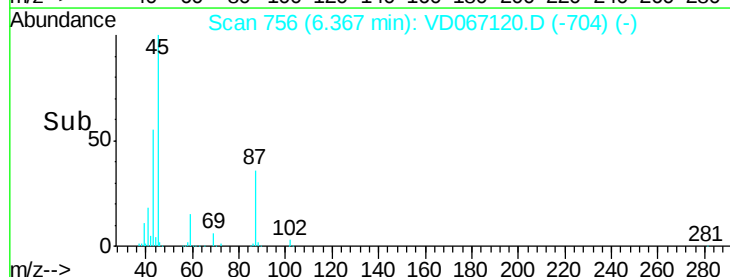
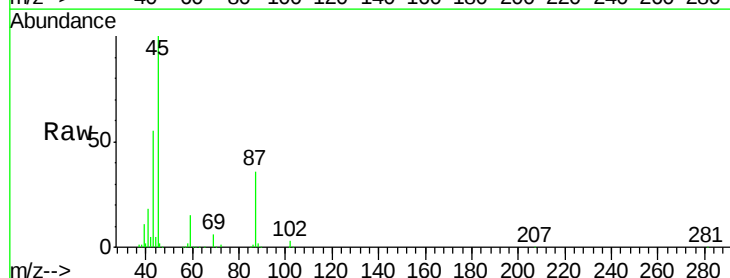
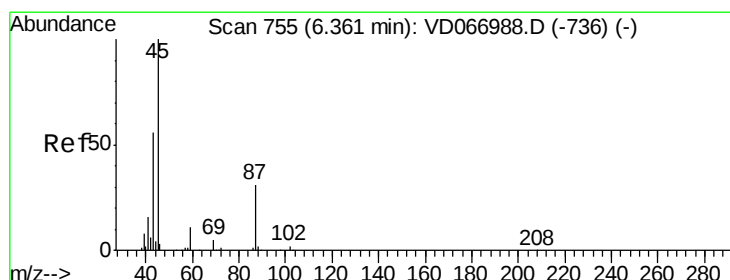
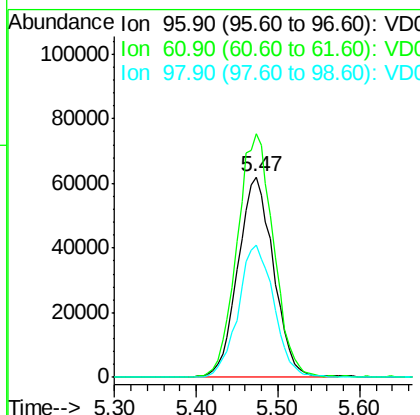
MSVOA_D

ClientSampleId :

VSTDCCC050

Manual Integrations
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#22

Diisopropyl ether

Concen: 47.399 ug/l

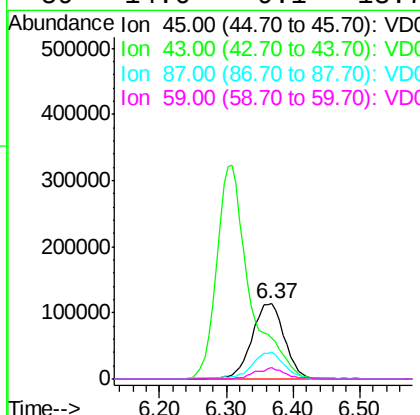
RT: 6.37 min Scan# 756

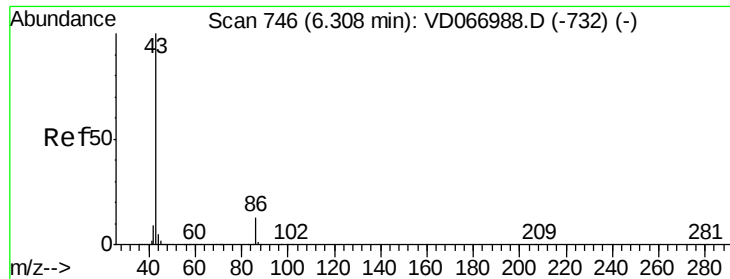
Delta R.T. 0.01 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Tgt Ion:	45	Resp:	382955
Ion	Ratio	Lower	Upper
45	100		
43	54.3	45.2	67.8
87	35.4	25.6	38.4
59	14.6	9.1	13.7#





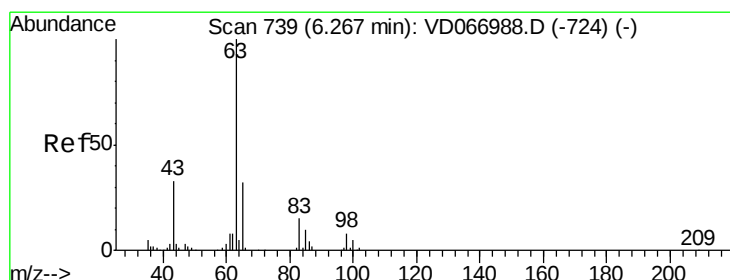
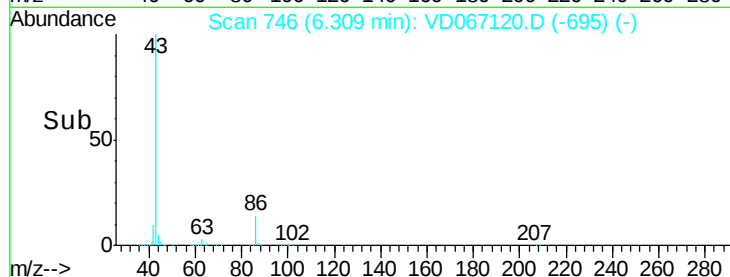
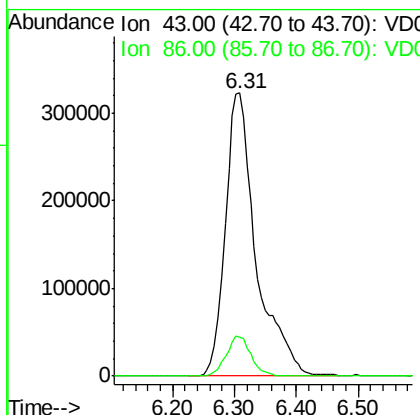
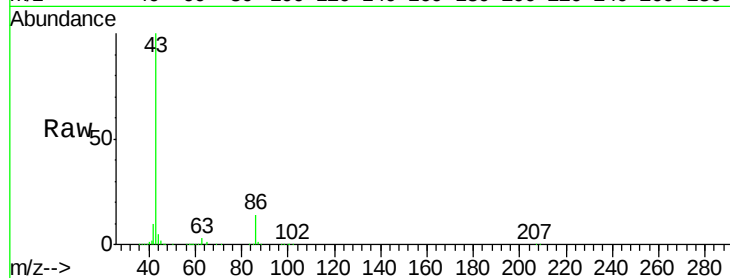
#23
 Vinyl Acetate
 Concen: 244.511 ug/l
 RT: 6.31 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: VD067120.D
 Acq: 06 Oct 2020 21:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1119452
 Ion Ratio Lower Upper
 43 100
 86 13.6 10.2 15.2

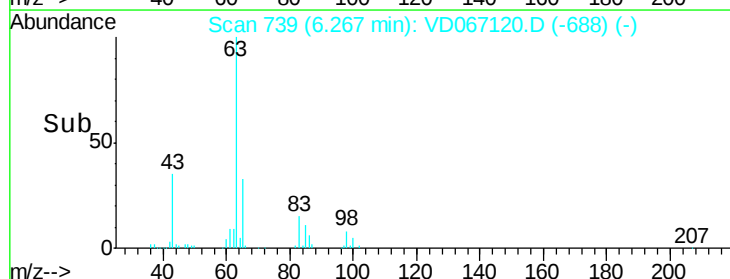
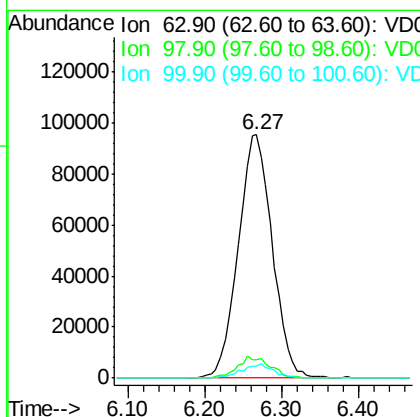
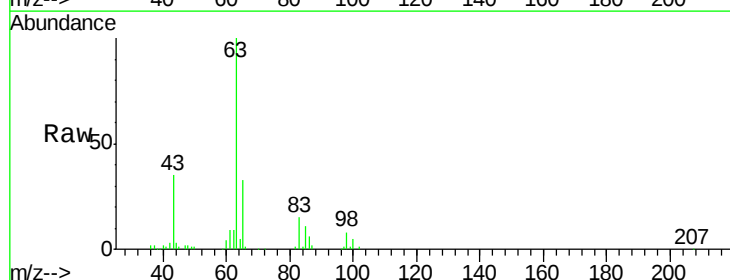
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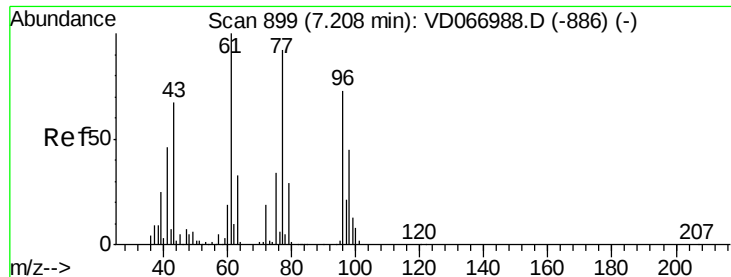
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#24
 1,1-Dichloroethane
 Concen: 47.318 ug/l
 RT: 6.27 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: VD067120.D
 Acq: 06 Oct 2020 21:45

Tgt Ion: 63 Resp: 295039
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.2 12.6
 100 4.8 2.6 7.8





#25

2-Butanone

Concen: 224.974 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 169479

Ion Ratio Lower Upper

43 100

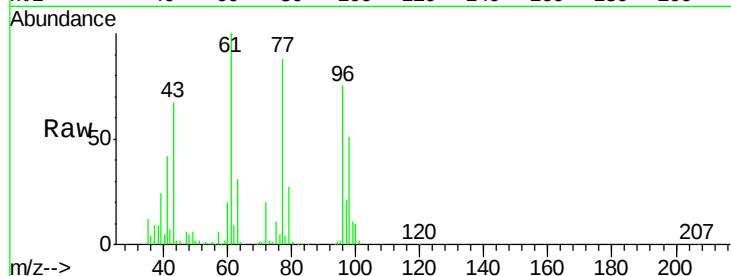
72 29.3 22.8 34.2

Manual Integrations

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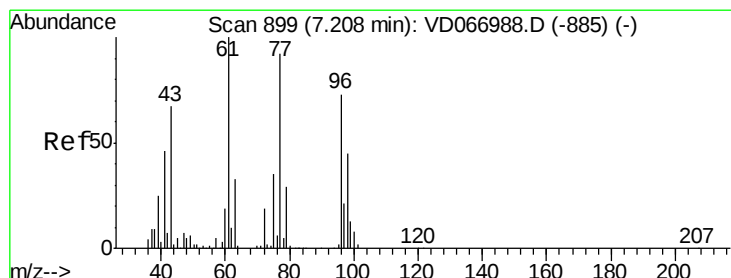
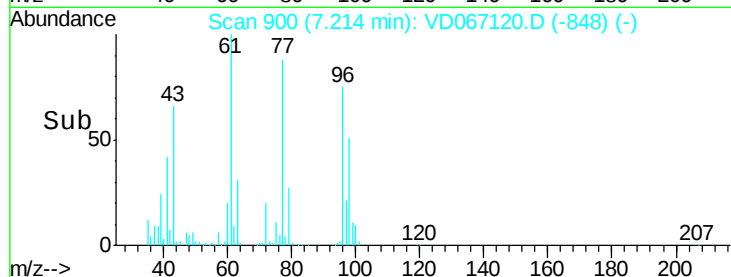
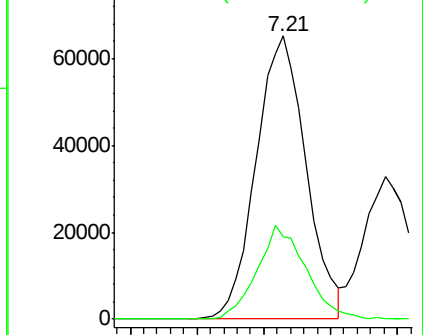
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 49.009 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD067120.D

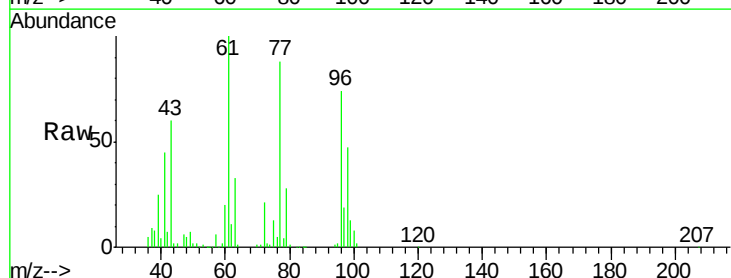
Acq: 06 Oct 2020 21:45

Tgt Ion: 77 Resp: 261741

Ion Ratio Lower Upper

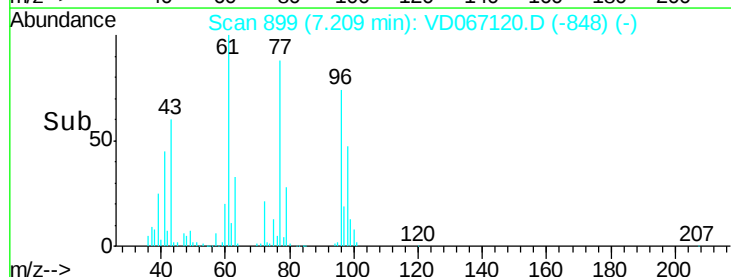
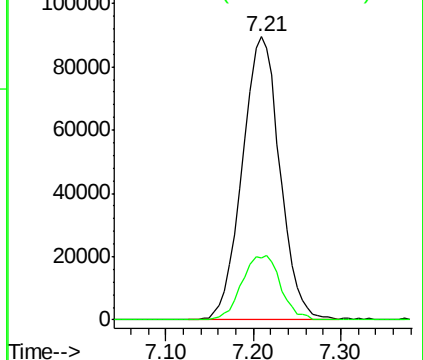
77 100

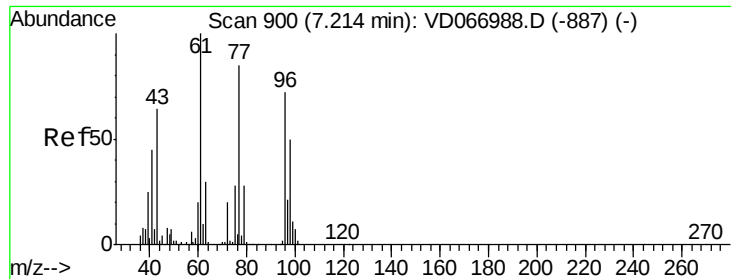
97 23.4 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





#27

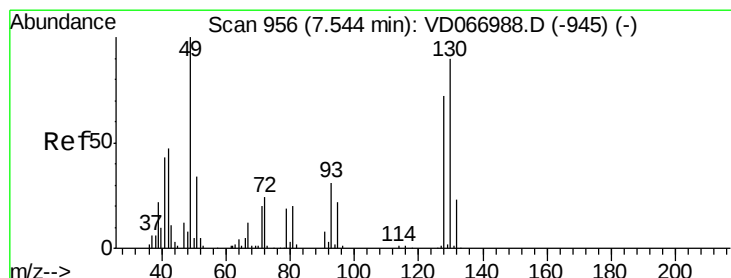
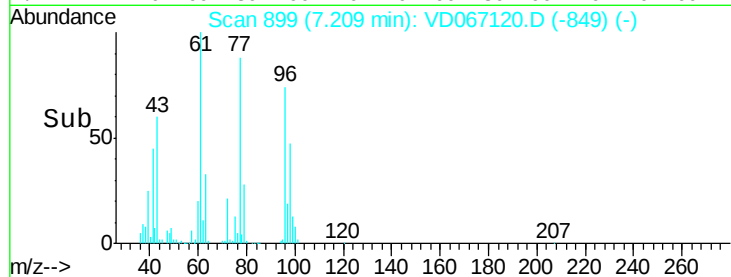
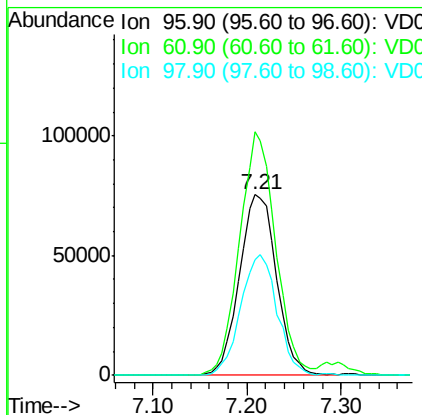
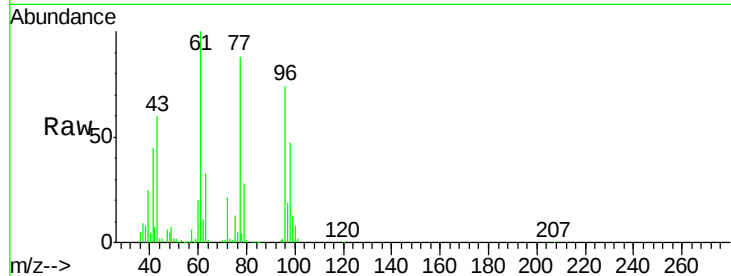
cis-1,2-Dichloroethene
Concen: 49.977 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	206929		
61	130.7	0.0	269.2	
98	65.7	0.0	129.4	

Manual Integrations
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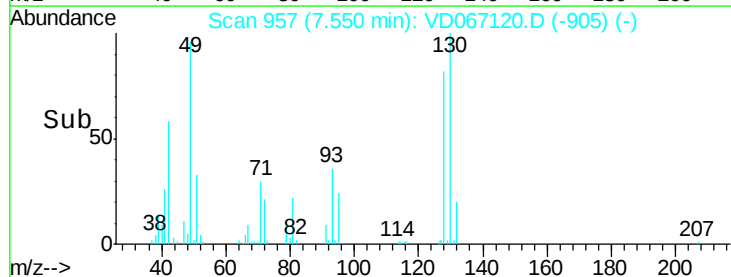
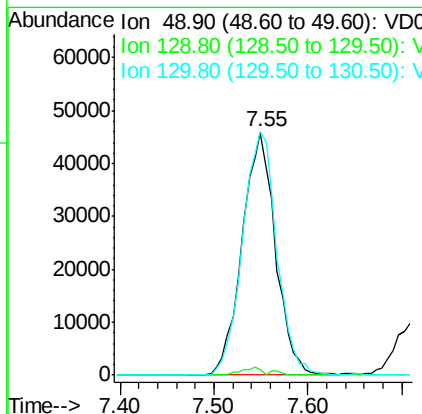
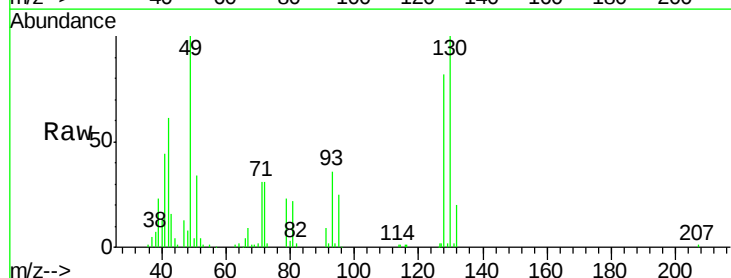
MMDadoda
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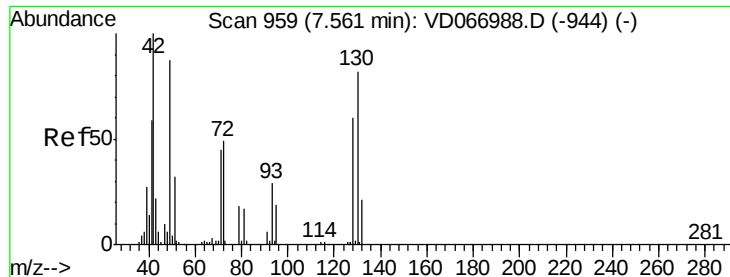


#28

Bromochloromethane
Concen: 46.811 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.01 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	112720		
129	1.8	0.0	4.6	
130	102.6	74.1	111.1	





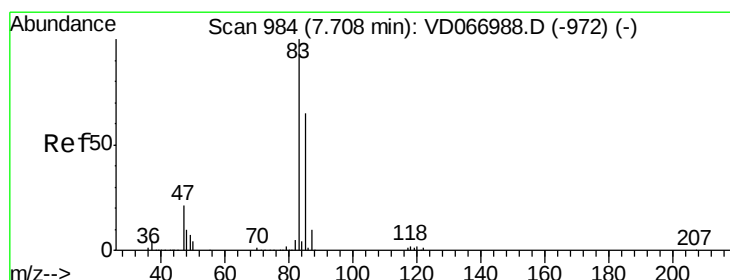
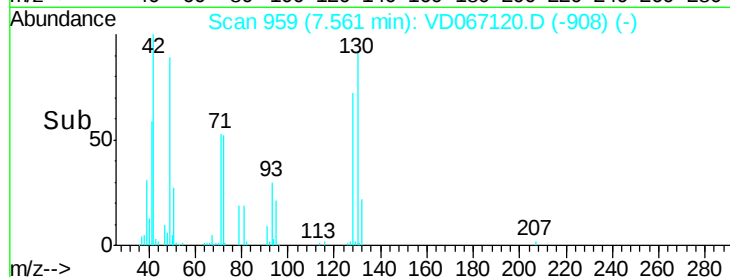
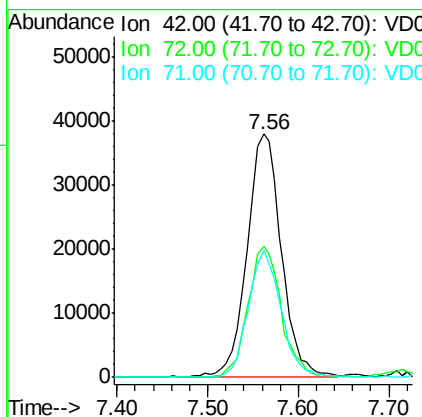
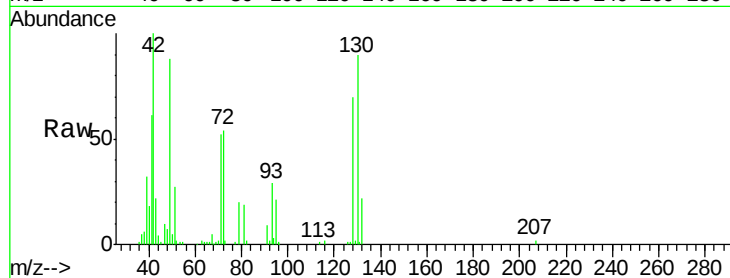
#29
Tetrahydrofuran
Concen: 230.455 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.4	39.1	58.7
71	49.8	34.2	51.4

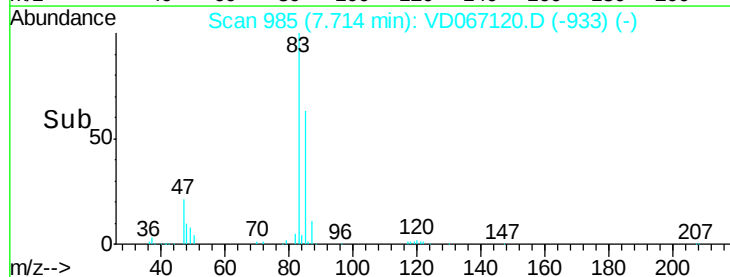
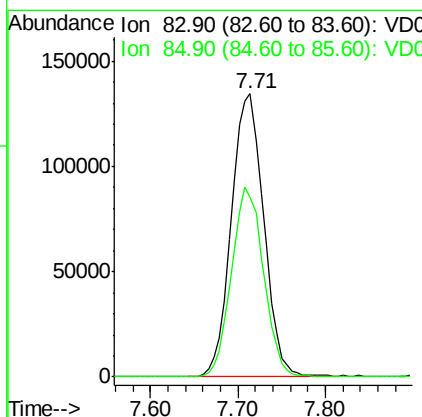
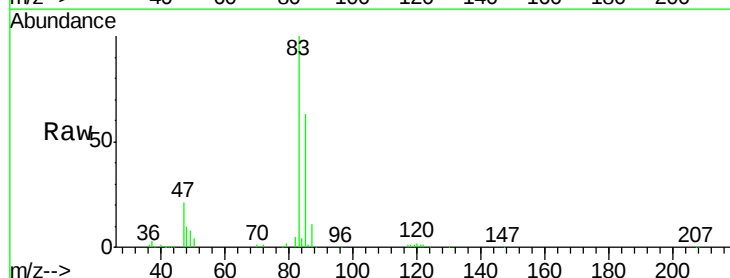
Manual Integrations
APPROVED

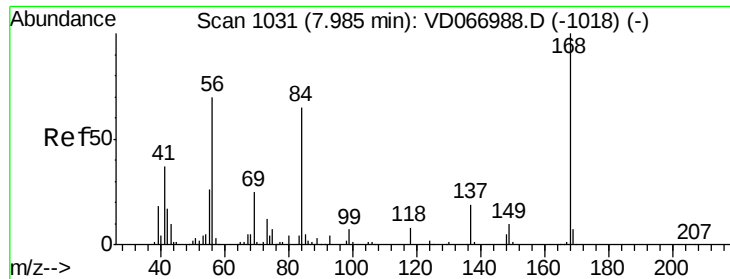
MMDadoda
10/7/2020 12:10:08 PM



#30
Chloroform
Concen: 49.958 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.01 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.3	78.5





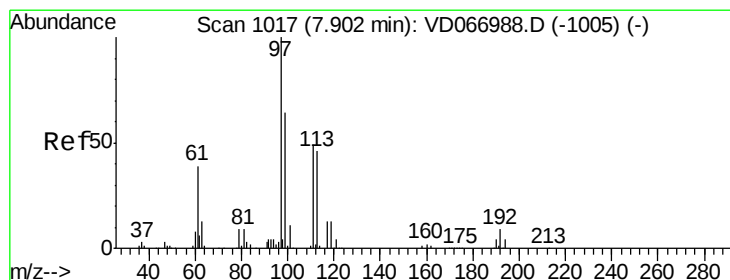
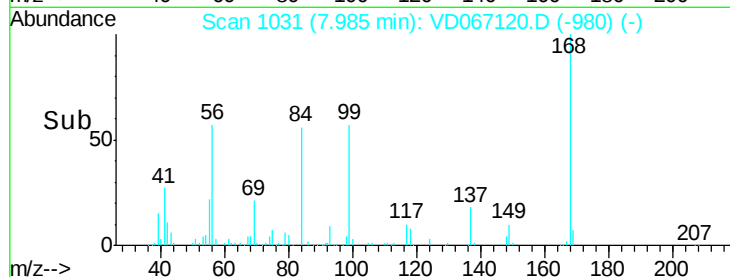
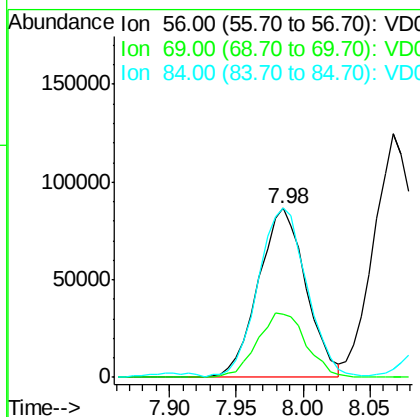
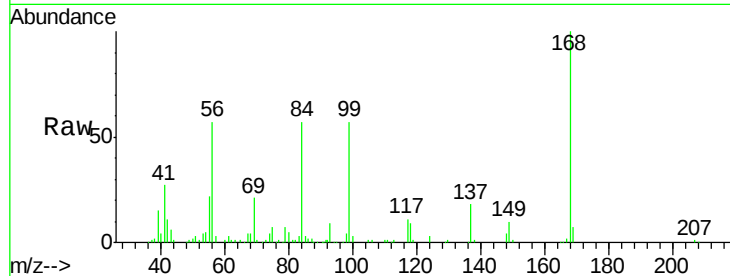
#31
Cyclohexane
Concen: 40.942 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.4	29.0	43.6
84	97.5	74.2	111.2

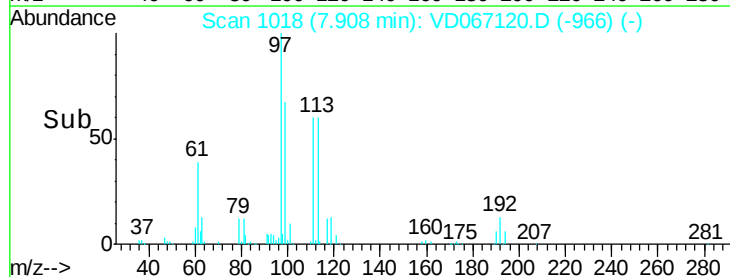
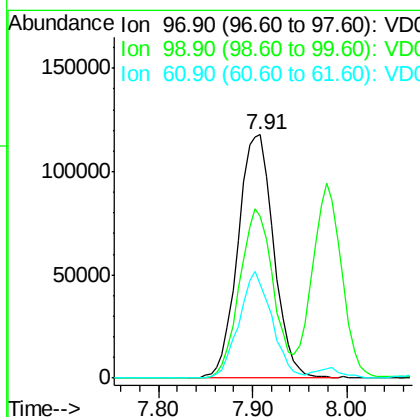
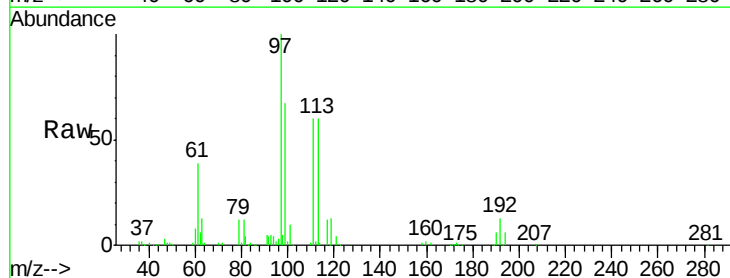
Manual Integrations
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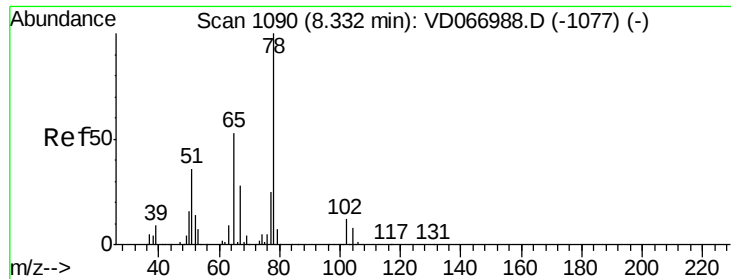
MMDadoda
10/7/2020 12:10:08 PM



#32
1,1,1-Trichloroethane
Concen: 49.591 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.0	52.6	78.8
61	40.1	32.8	49.2





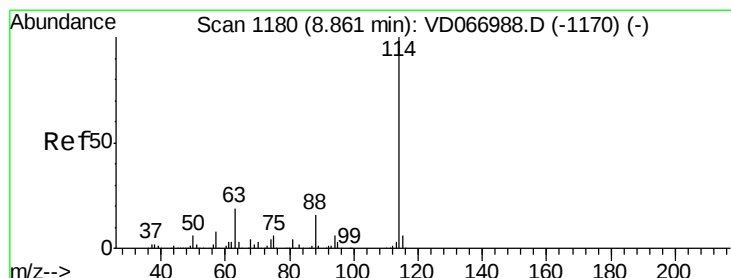
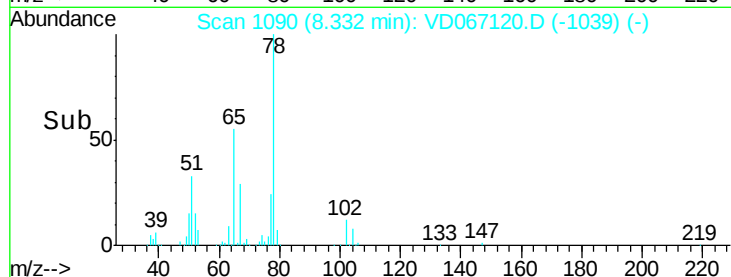
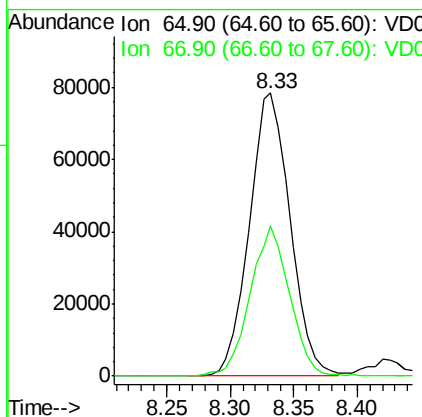
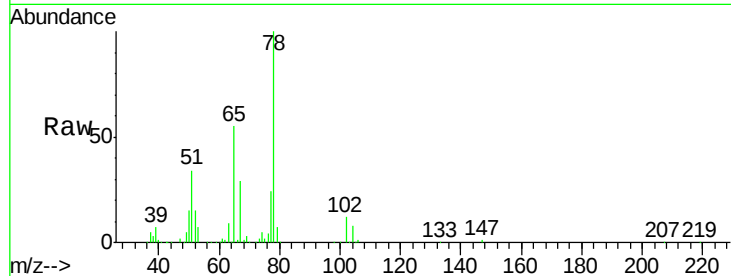
#33
 1,2-Dichloroethane-d4
 Concen: 50.381 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067120.D
 Acq: 06 Oct 2020 21:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	106.8

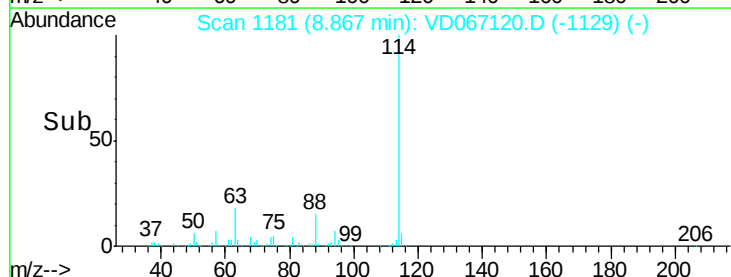
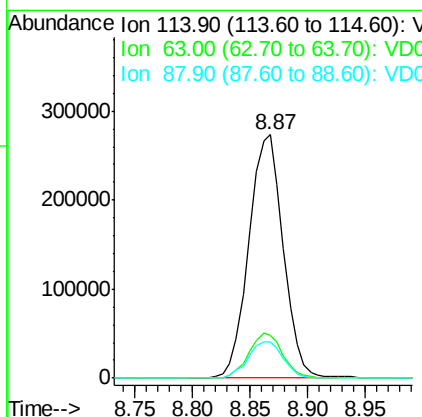
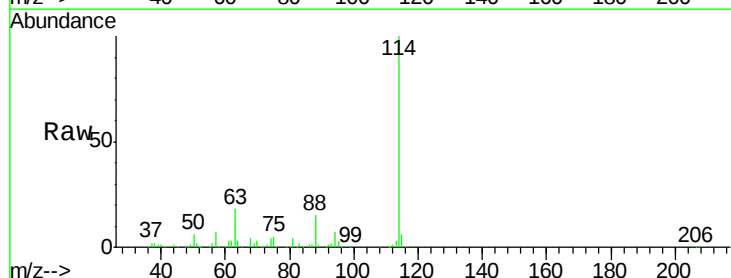
Manual Integrations
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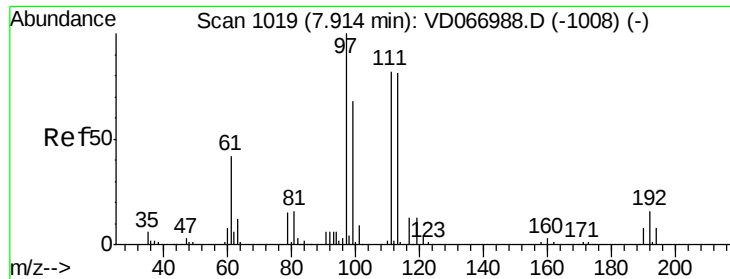
MMDadoda
 10/7/2020 12:10:08 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD067120.D
 Acq: 06 Oct 2020 21:45

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	38.4
88	14.7	0.0	31.2





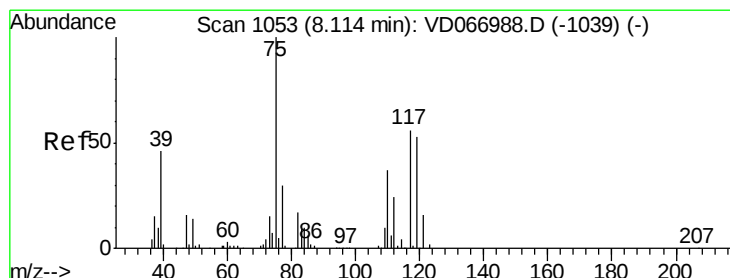
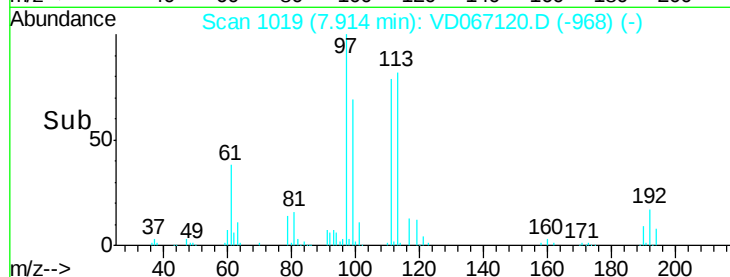
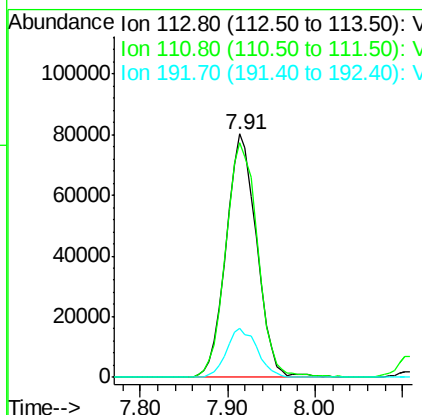
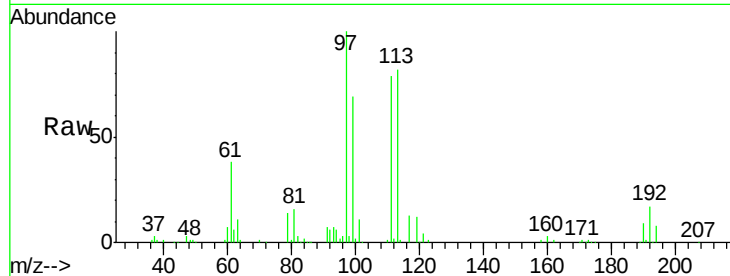
#35
Dibromofluoromethane
Concen: 51.129 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	190147		
111	100.7	83.0	124.4	
192	20.1	15.5	23.3	

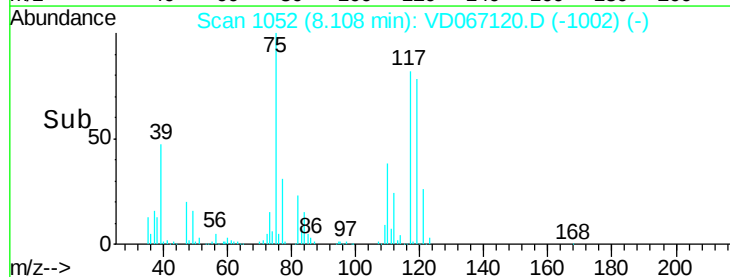
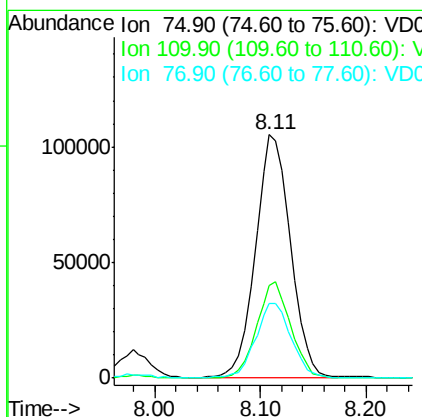
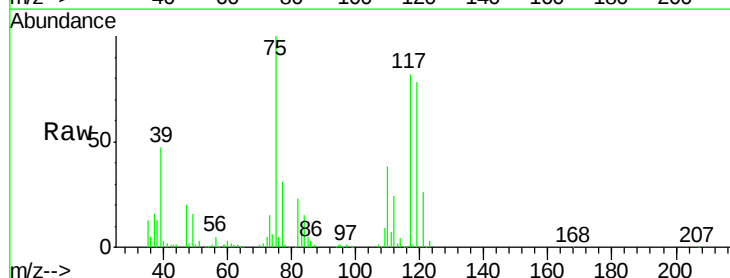
Manual Integrations
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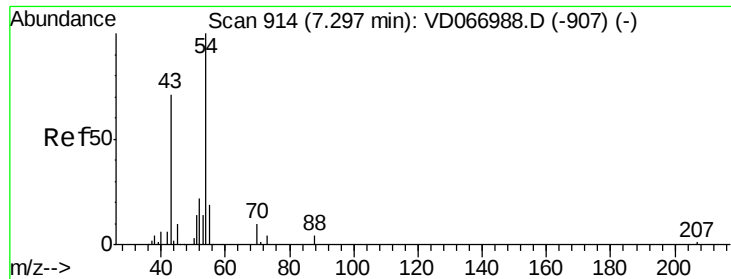
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10/7/2020 12:10:08 PM



#36
1,1-Dichloropropene
Concen: 45.890 ug/l
RT: 8.11 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	242981		
110	38.3	18.4	55.0	
77	31.4	24.8	37.2	





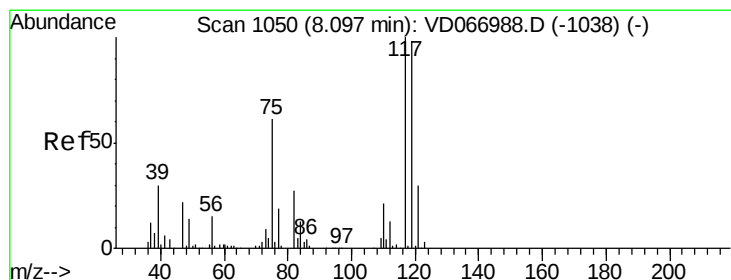
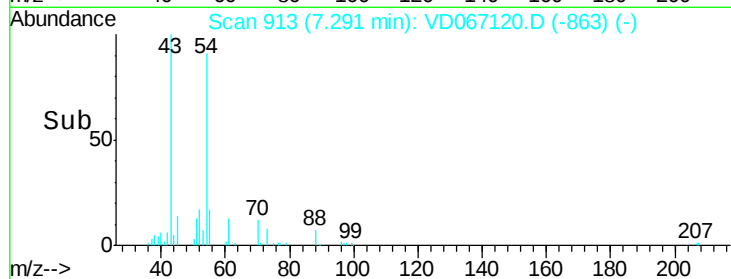
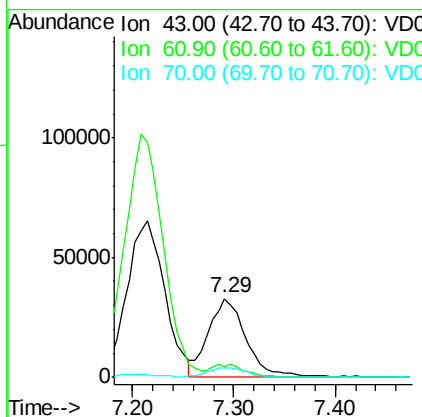
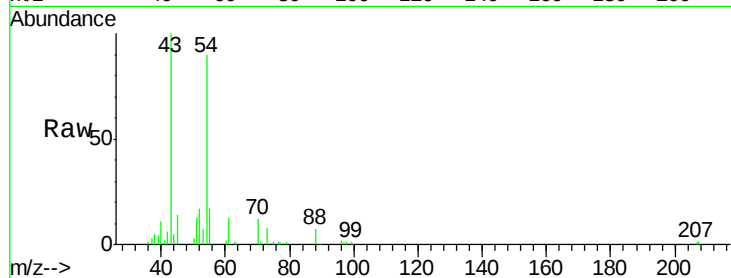
#37
Ethyl Acetate
Concen: 45.020 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	43	Ratio	Lower	Upper
43	100			
61	14.7	12.5	18.7	
70	13.0	9.4	14.0	

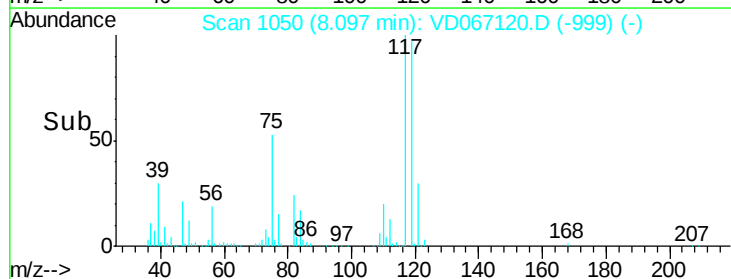
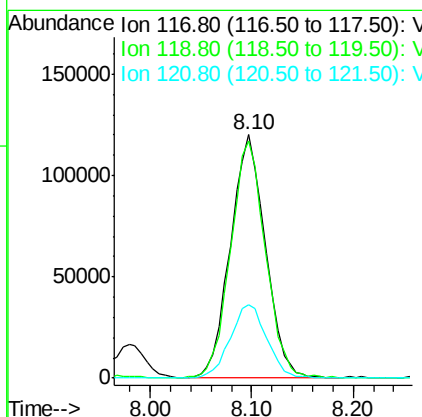
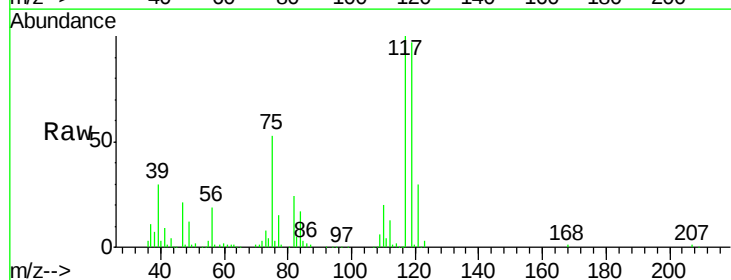
Manual Integrations
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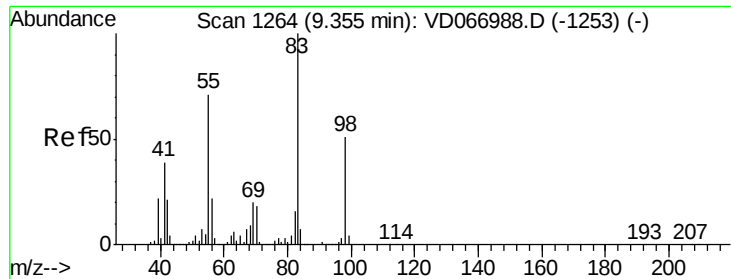
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#38
Carbon Tetrachloride
Concen: 49.957 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Tgt Ion	117	Ratio	Lower	Upper
117	100			
119	97.1	78.7	118.1	
121	30.4	24.2	36.2	





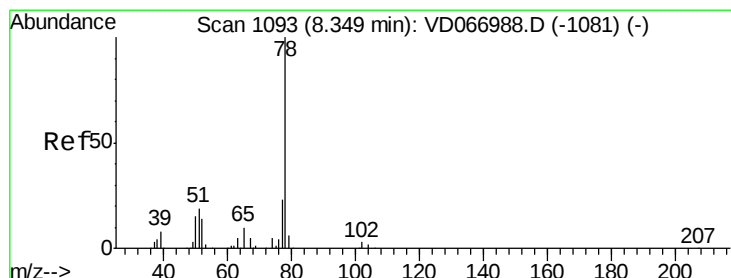
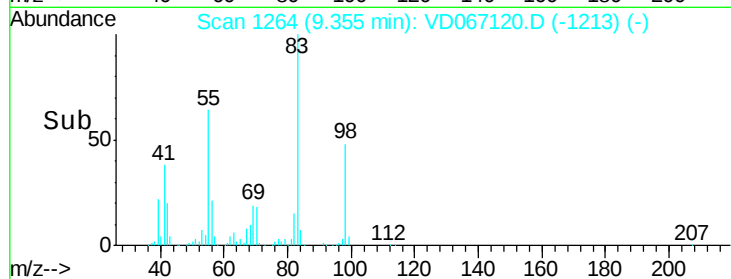
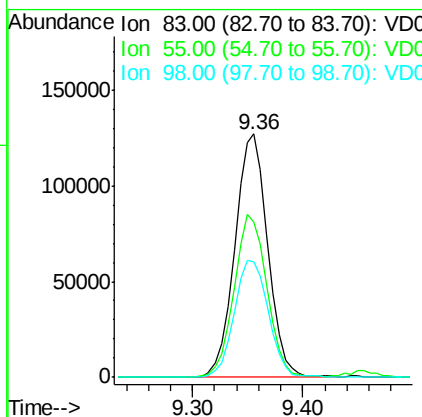
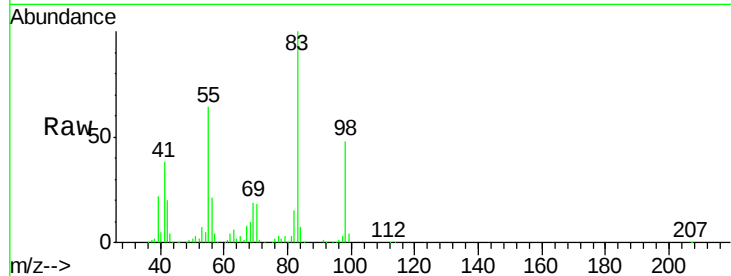
#39
Methvlcvclohexane
Concen: 47.495 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	63.6	57.1	85.7
98	47.6	40.9	61.3

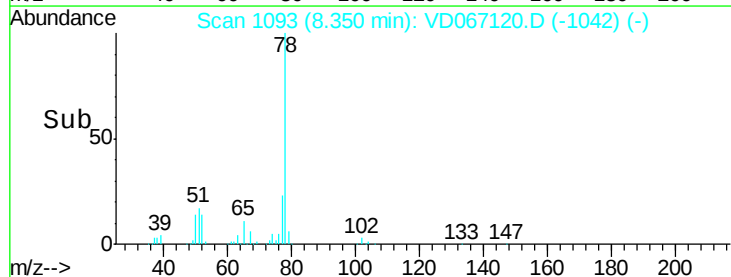
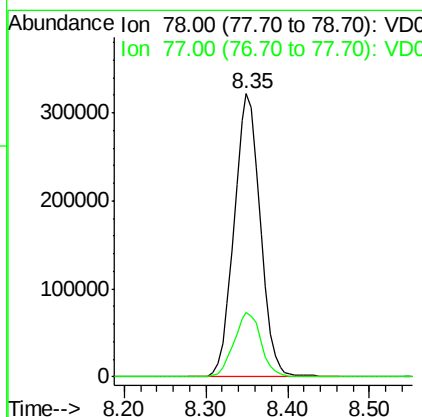
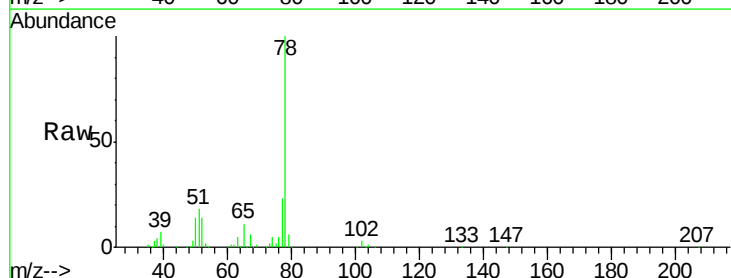
Manual Integrations
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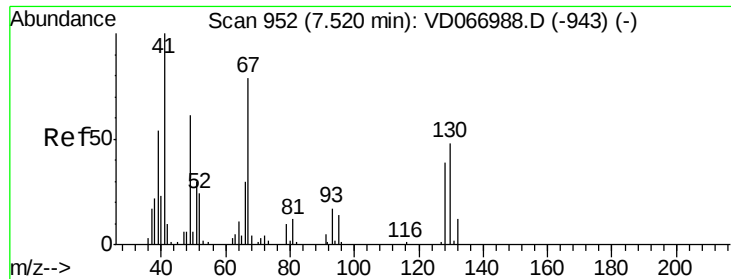
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10/7/2020 12:10:08 PM



#40
Benzene
Concen: 48.696 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	18.4	27.6





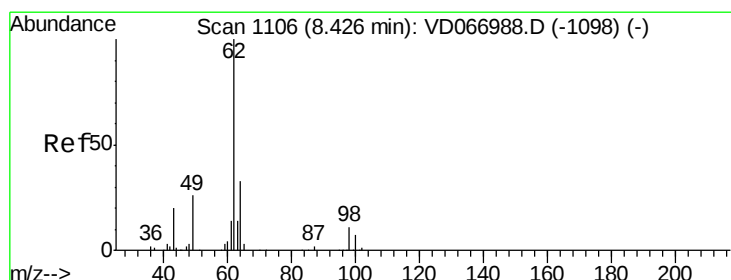
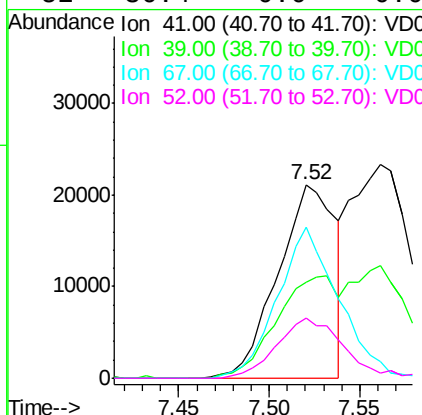
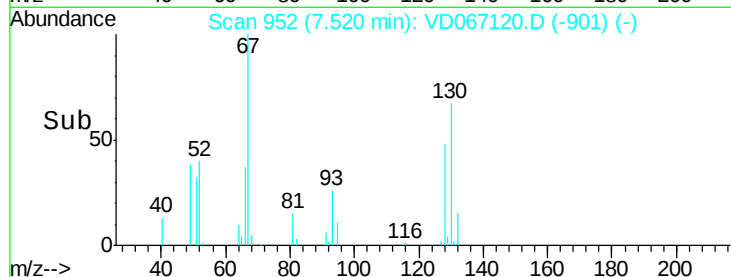
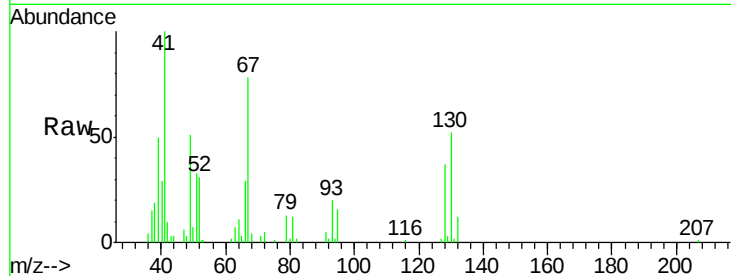
#41
Methacrylonitrile
Concen: 47.152 ug/l
RT: 7.52 min Scan# 952
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	46726
Ion	Ratio	Lower	Upper
41	100		
39	55.7	0.0	0.0#
67	83.7	0.0	0.0#
52	36.4	0.0	0.0#

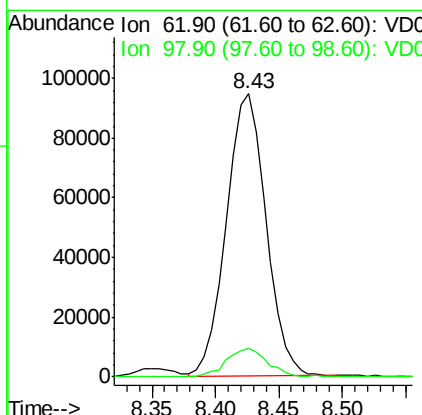
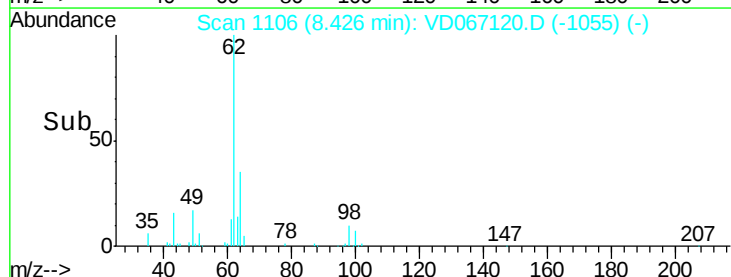
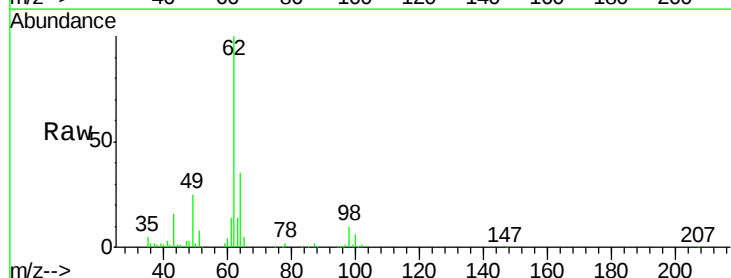
Manual Integrations
APPROVED

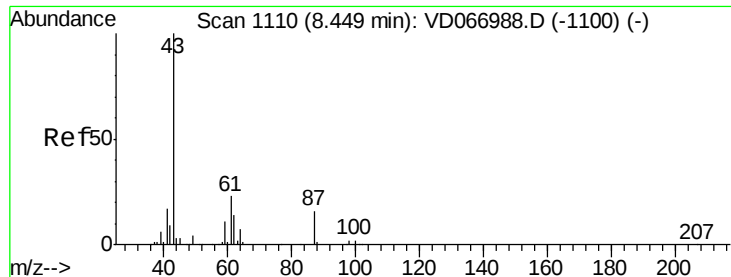
MMDadoda
10/7/2020 12:10:08 PM



#42
1,2-Dichloroethane
Concen: 50.004 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Tgt Ion	62	Resp	205494
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	22.6





#43

Isopropyl Acetate

Concen: 46.406 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Instrument :

MSVOA_D

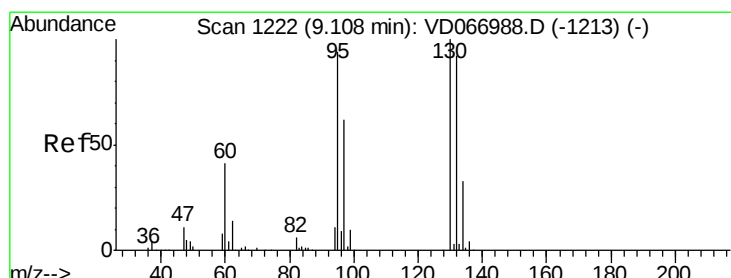
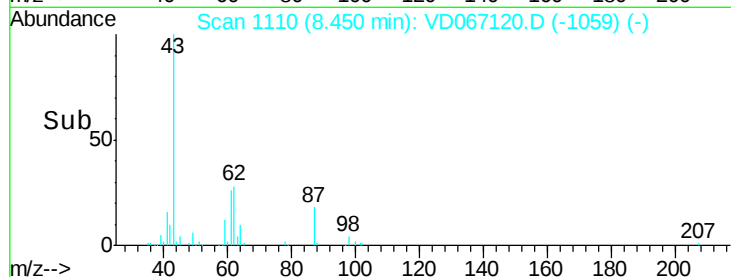
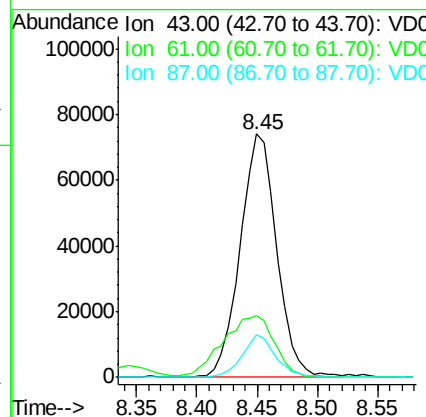
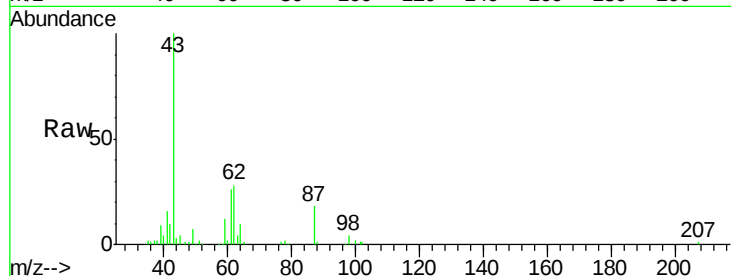
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	156815
Ion	Ratio	Lower	Upper
43	100		
61	36.0	27.1	40.7
87	16.1	12.3	18.5

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#44

Trichloroethene

Concen: 49.813 ug/l

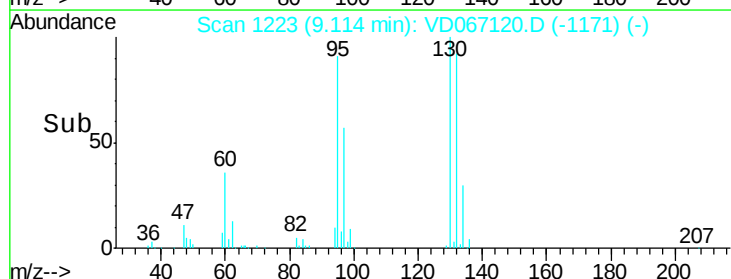
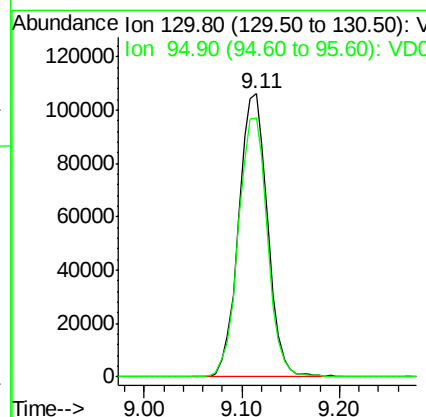
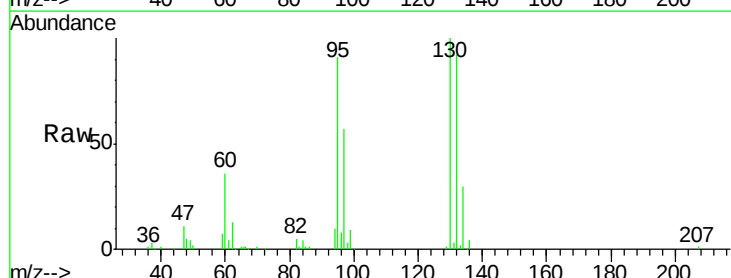
RT: 9.11 min Scan# 1223

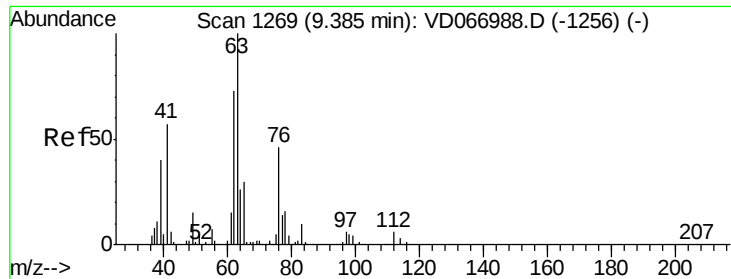
Delta R.T. 0.01 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Tgt Ion:	130	Resp:	218758
Ion	Ratio	Lower	Upper
130	100		
95	91.4	0.0	187.8





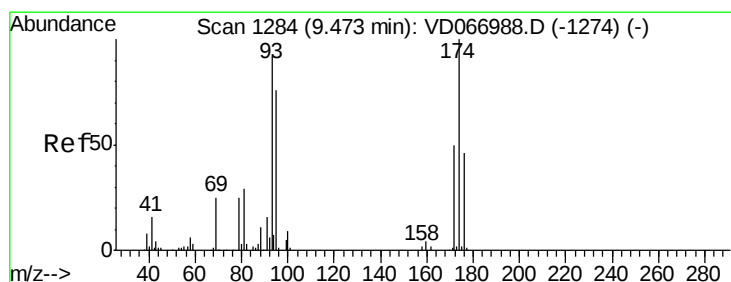
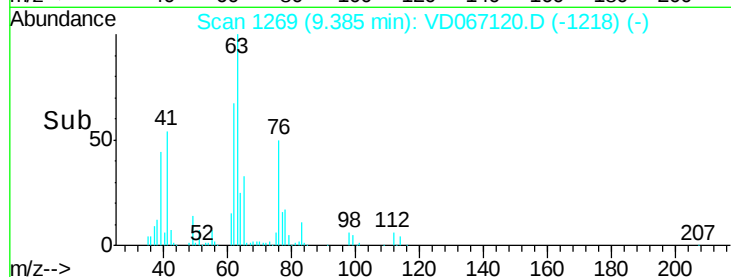
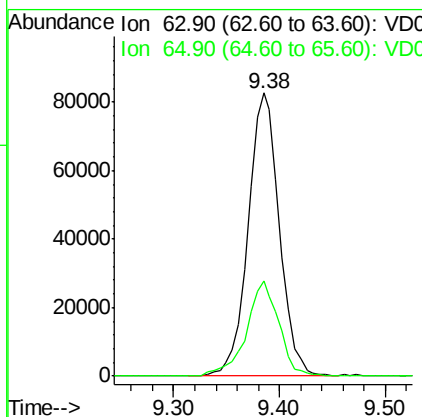
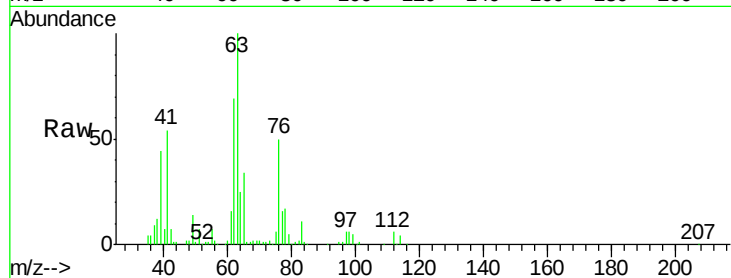
#45
 1,2-Dichloropropane
 Concen: 49.172 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD067120.D
 Acq: 06 Oct 2020 21:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 169915
 Ion Ratio Lower Upper
 63 100
 65 33.6 23.7 35.5

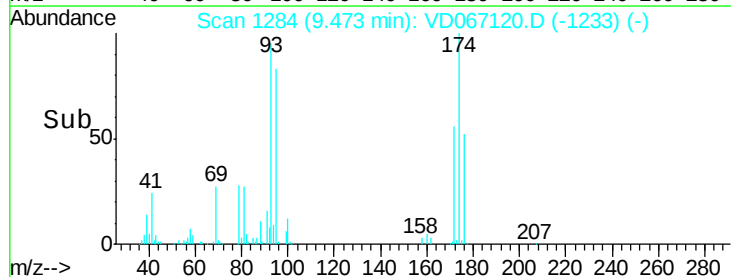
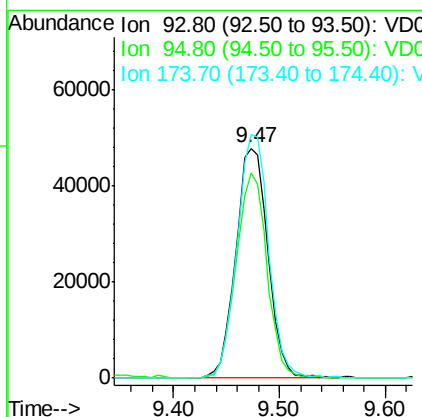
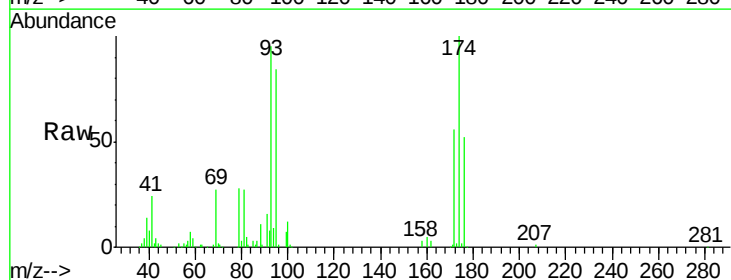
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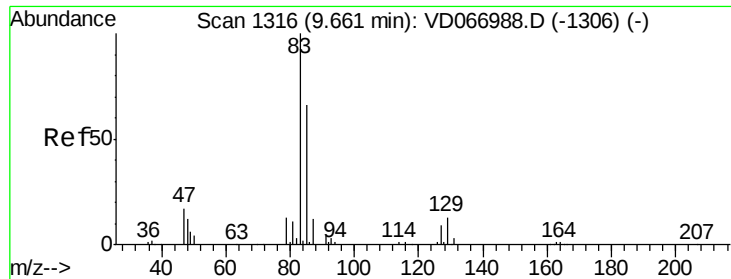
MMDadoda
 10/7/2020 12:10:08 PM



#46
 Dibromomethane
 Concen: 50.615 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD067120.D
 Acq: 06 Oct 2020 21:45

Tgt Ion: 93 Resp: 100526
 Ion Ratio Lower Upper
 93 100
 95 86.1 64.7 97.1
 174 104.1 81.4 122.2





#47

Bromodichloromethane

Concen: 51.946 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Instrument :

MSVOA_D

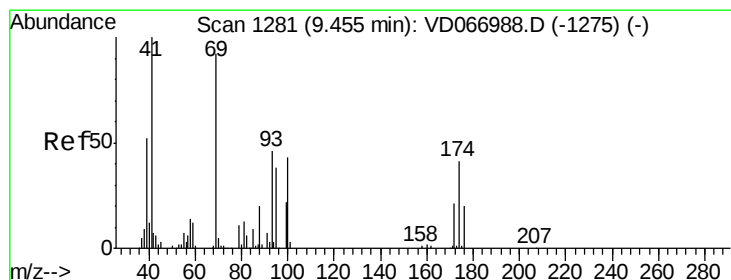
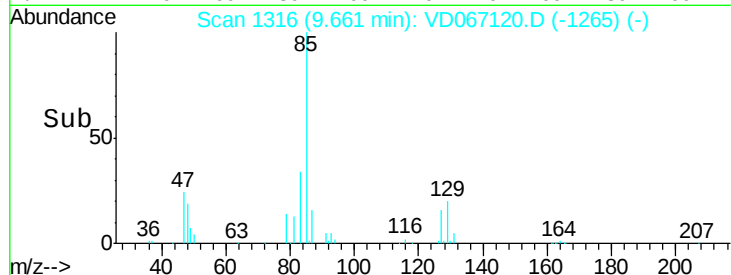
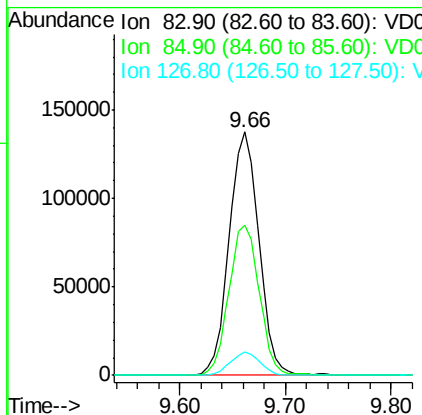
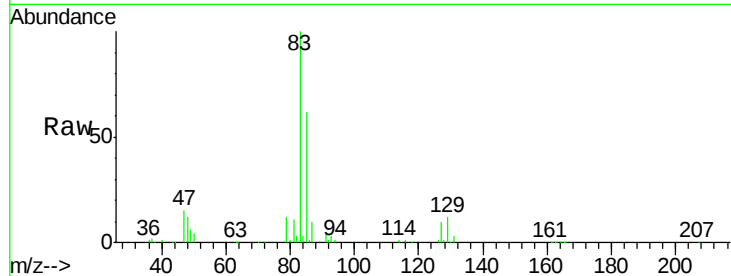
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	268183
Ion	Ratio	Lower	Upper
83	100		
85	61.5	52.9	79.3
127	9.8	7.3	10.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 44.580 ug/l

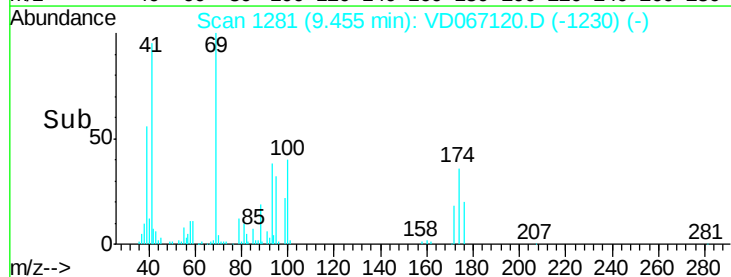
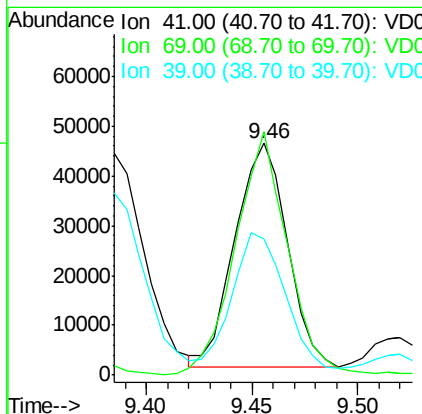
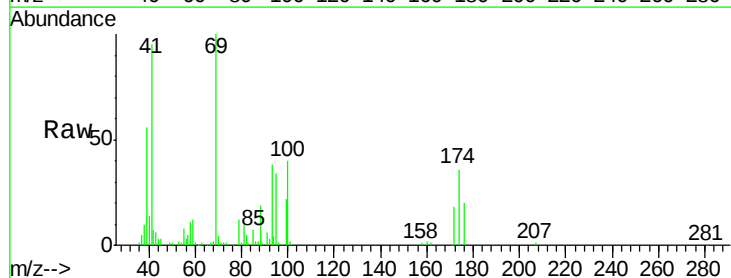
RT: 9.46 min Scan# 1281

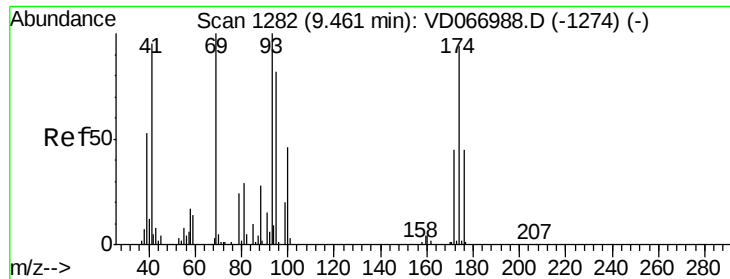
Delta R.T. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Tgt Ion:	41	Resp:	77177
Ion	Ratio	Lower	Upper
41	100		
69	109.0	68.5	102.7#
39	67.9	40.2	60.2#





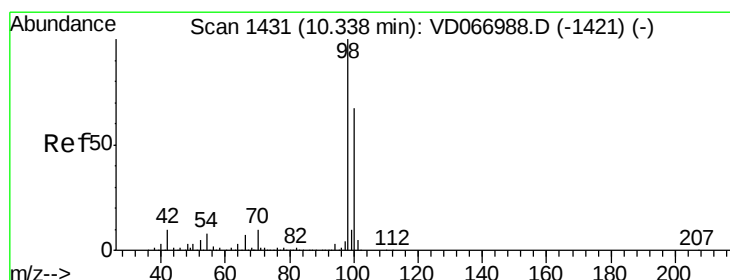
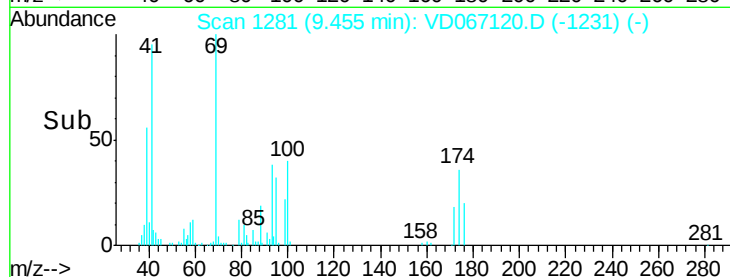
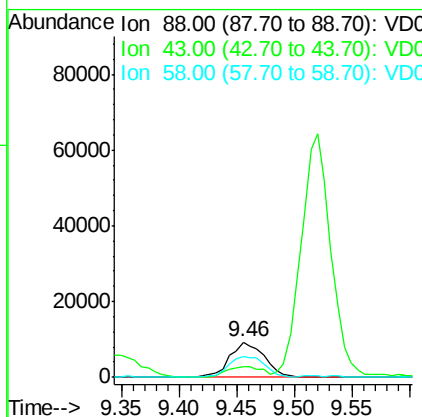
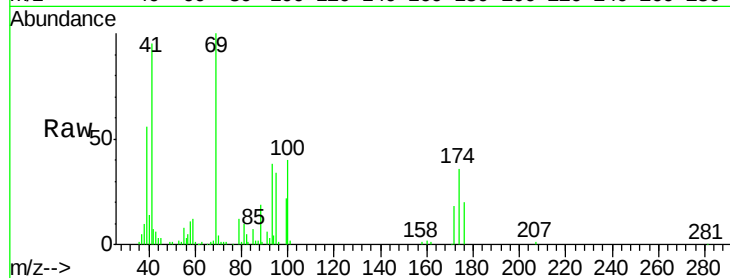
#49
1,4-Dioxane
Concen: 942.238 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	19531
Ion	Ratio	Lower	Upper
88	100		
43	32.0	25.6	38.4
58	61.6	53.5	80.3

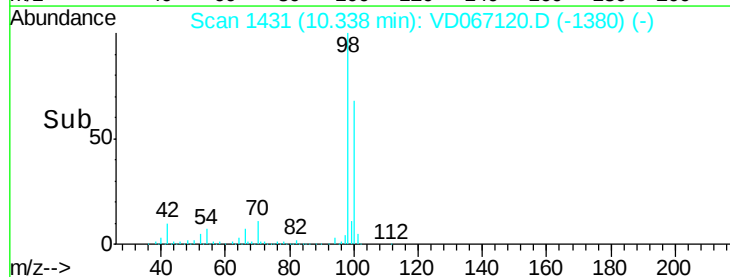
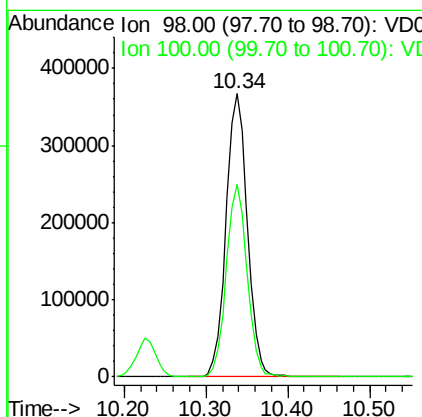
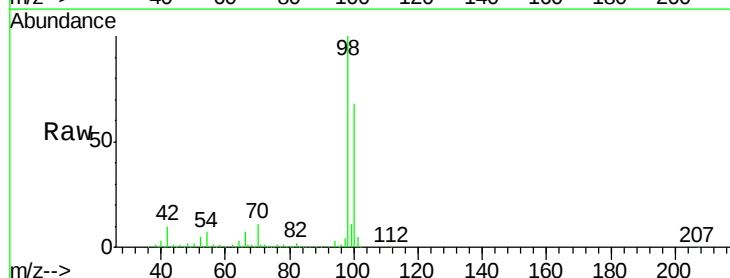
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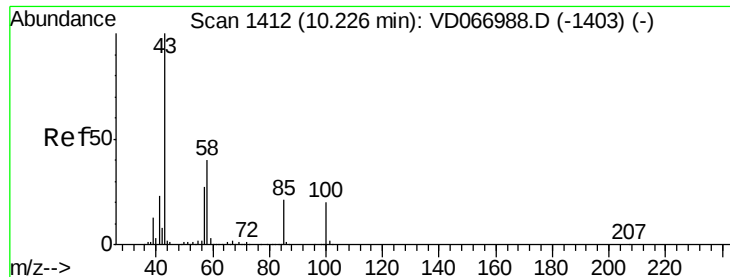
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#50
Toluene-d8
Concen: 49.299 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Tgt Ion	98	Resp	668073
Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.8	79.2





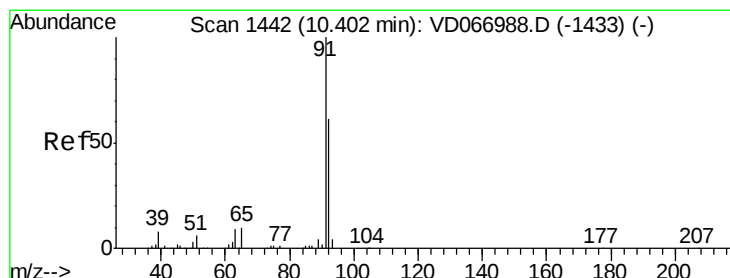
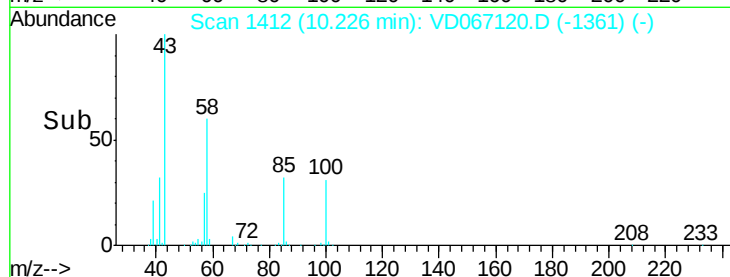
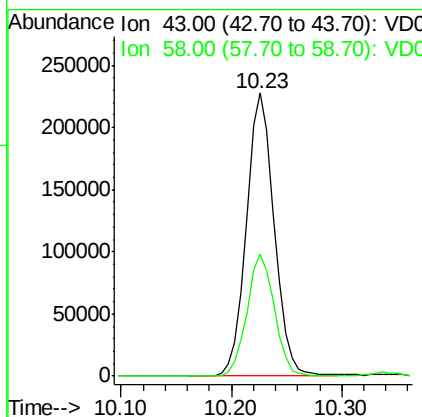
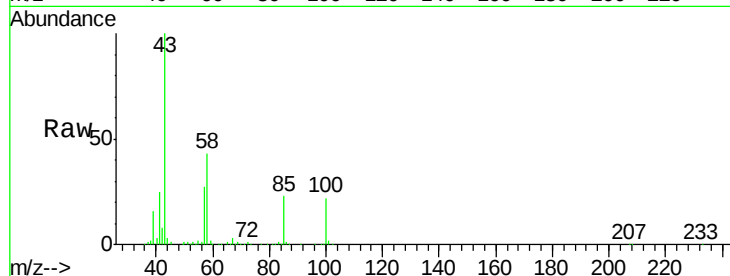
#51
4-Methyl-2-Pentanone
Concen: 239.271 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 402730
Ion Ratio Lower Upper
43 100
58 42.7 33.8 50.8

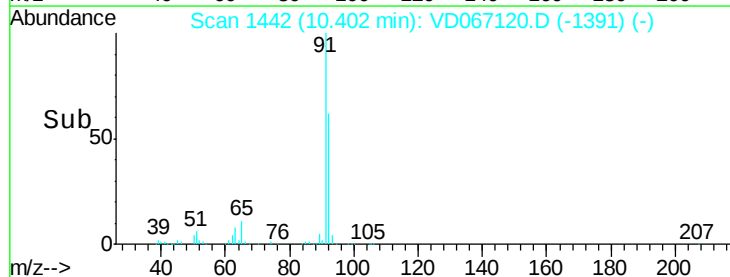
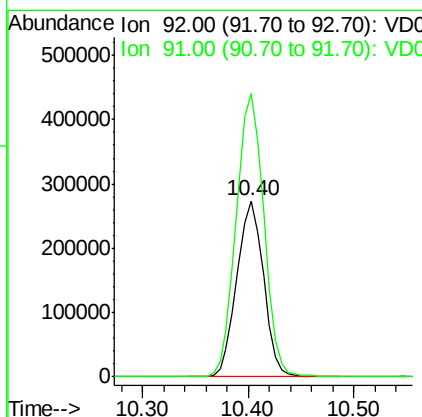
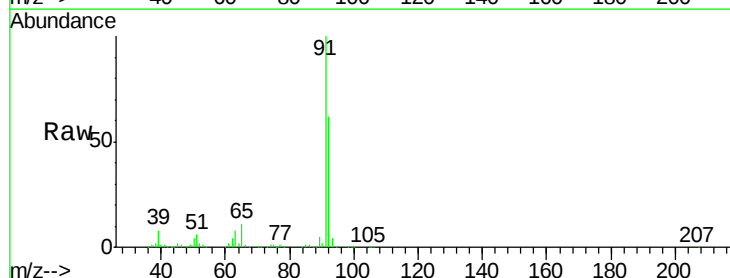
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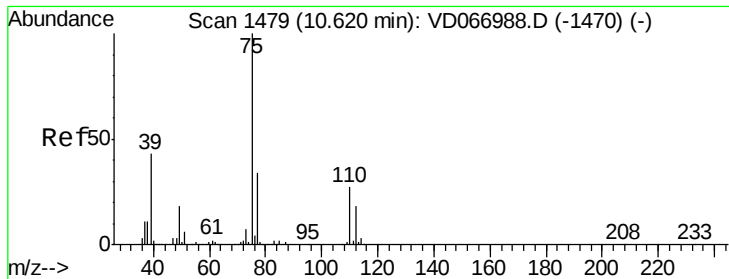
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#52
Toluene
Concen: 50.735 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Tgt Ion: 92 Resp: 480653
Ion Ratio Lower Upper
92 100
91 166.6 135.1 202.7





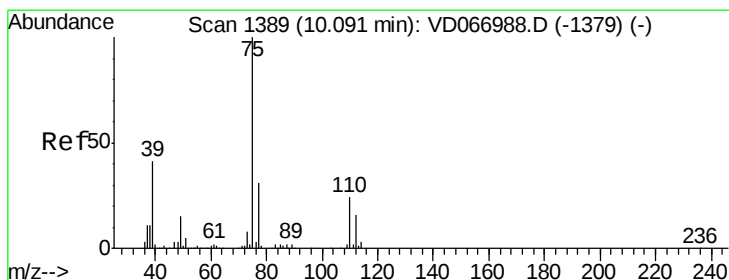
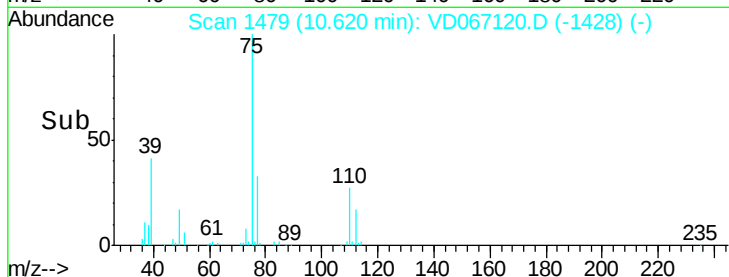
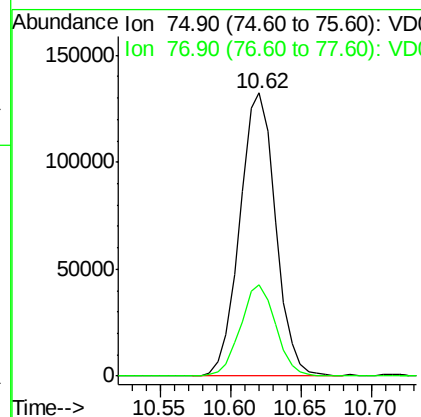
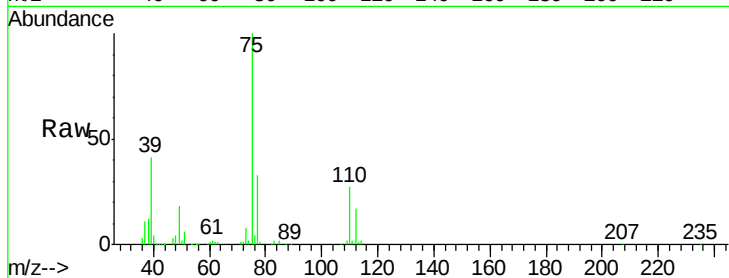
#53
 t-1,3-Dichloropropene
 Concen: 50.919 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: VD067120.D
 Acq: 06 Oct 2020 21:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 234945
 Ion Ratio Lower Upper
 75 100
 77 32.5 27.1 40.7

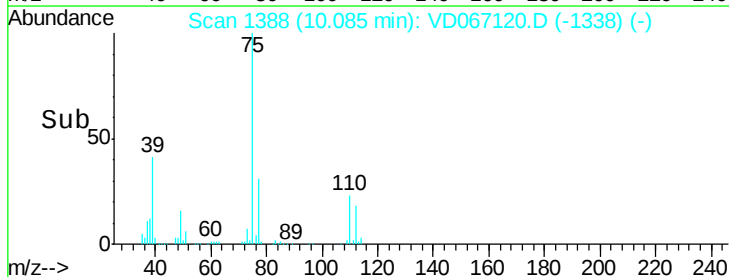
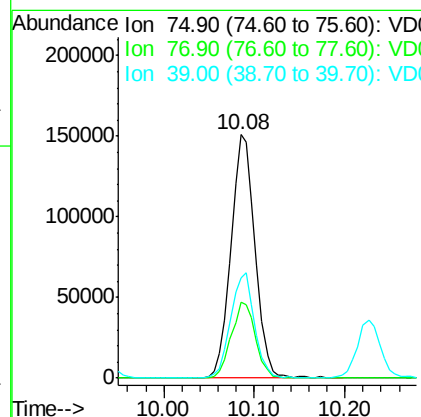
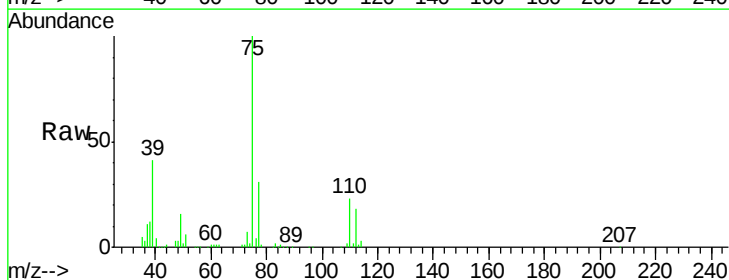
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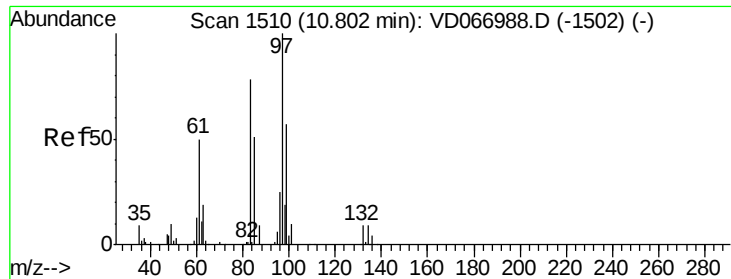
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#54
 cis-1,3-Dichloropropene
 Concen: 49.441 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: VD067120.D
 Acq: 06 Oct 2020 21:45

Tgt Ion: 75 Resp: 278563
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.6 37.0
 39 41.2 33.0 49.4





#55

1,1,2-Trichloroethane

Concen: 50.948 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Instrument :

MSVOA_D

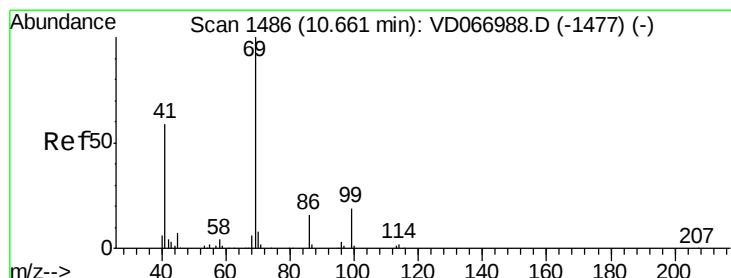
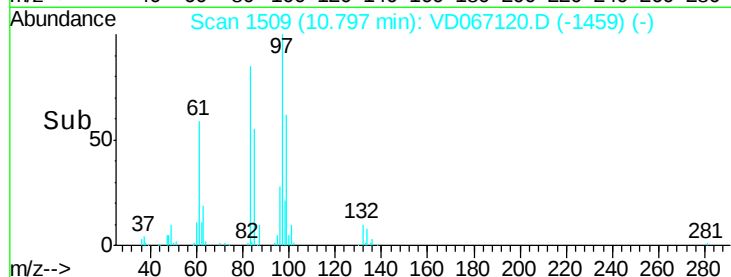
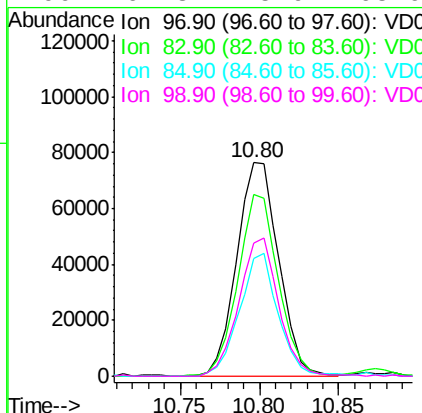
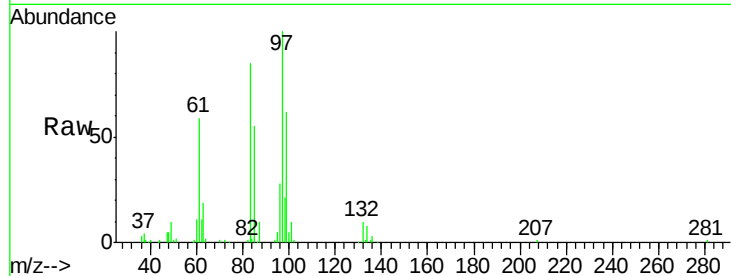
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		140680		
83	84.9	62.4	93.6		
85	54.9	41.0	61.4		
99	62.3	45.9	68.9		

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#56

Ethyl methacrylate

Concen: 54.041 ug/l

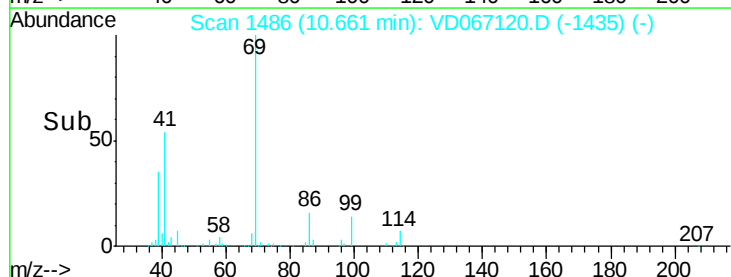
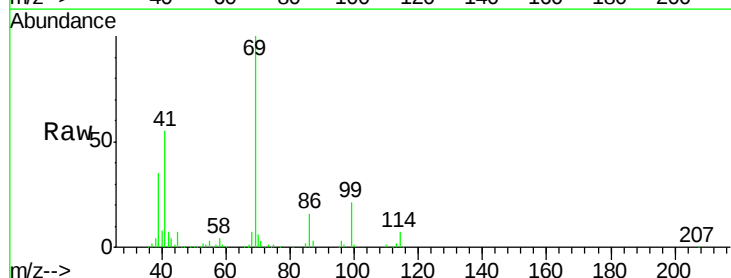
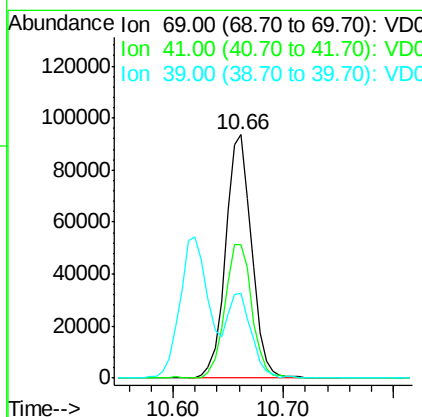
RT: 10.66 min Scan# 1486

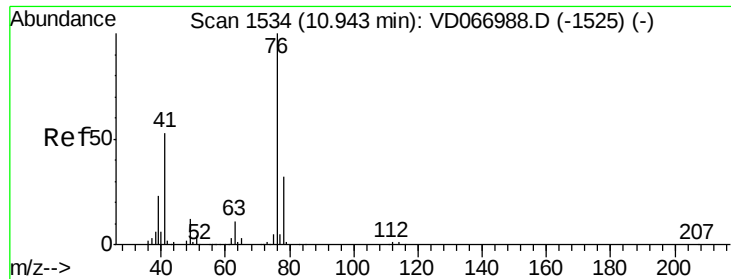
Delta R.T. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		154062		
41	57.7	46.4	69.6		
39	32.2	23.8	35.6		





#57

1,3-Dichloropropane

Concen: 50.841 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 227648

Ion Ratio Lower Upper

76 100

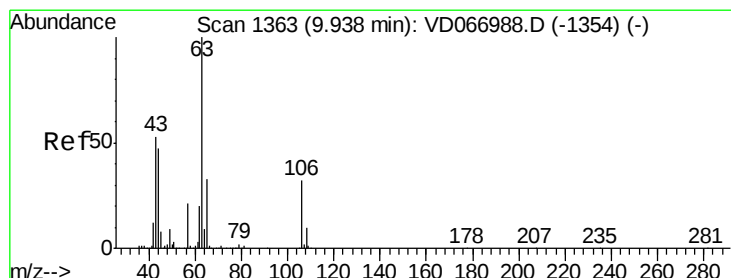
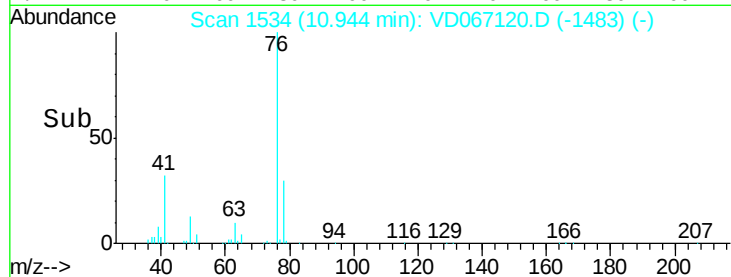
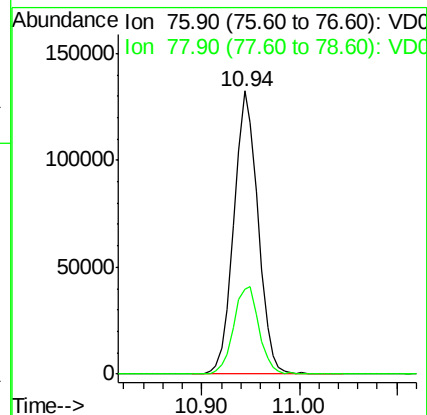
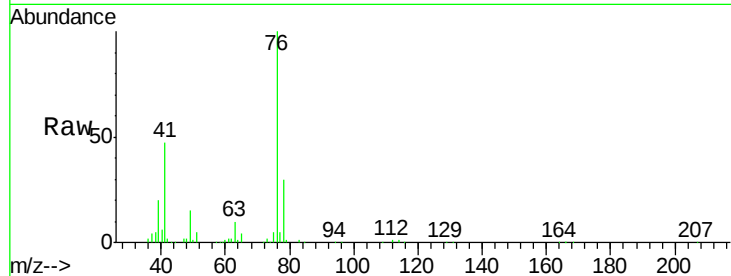
78 32.5 25.8 38.8

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 260.885 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD067120.D

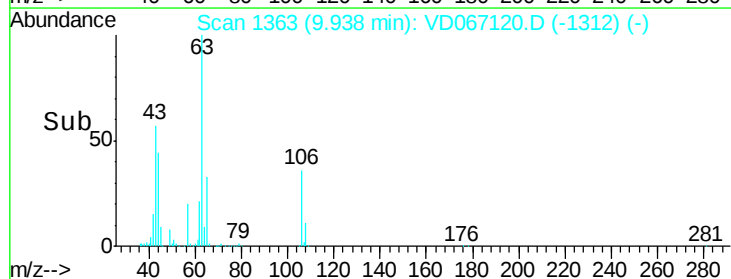
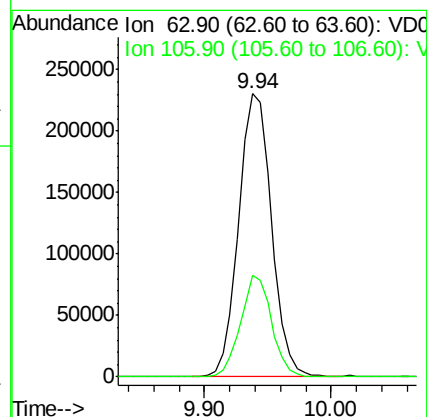
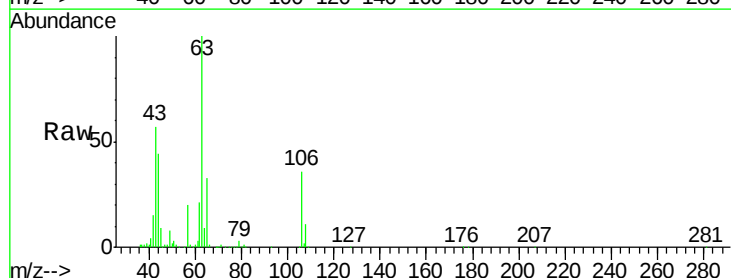
Acq: 06 Oct 2020 21:45

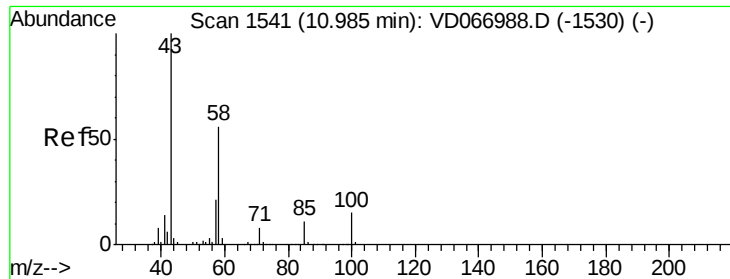
Tgt Ion: 63 Resp: 413952

Ion Ratio Lower Upper

63 100

106 33.8 25.3 37.9





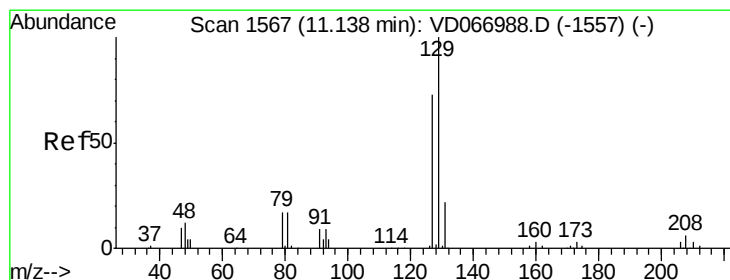
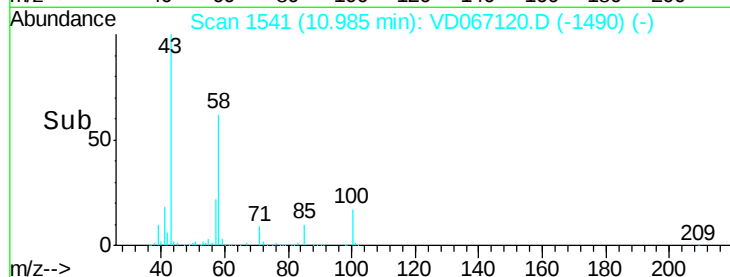
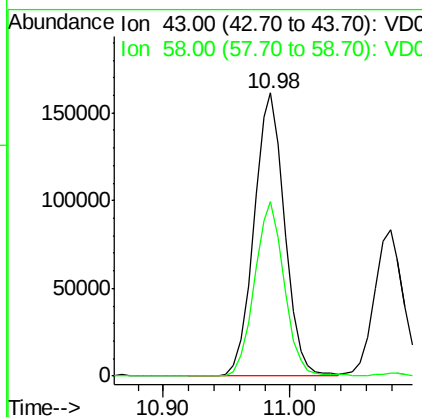
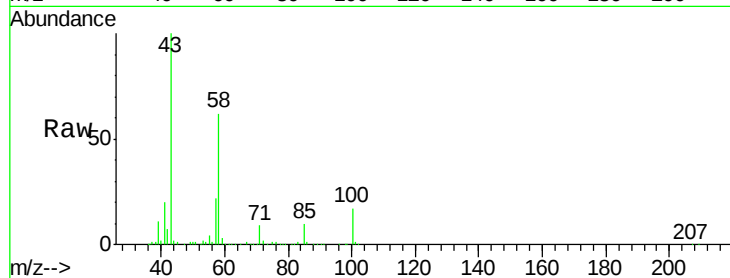
#59
2-Hexanone
Concen: 241.243 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 271014
Ion Ratio Lower Upper
43 100
58 60.1 28.3 84.9

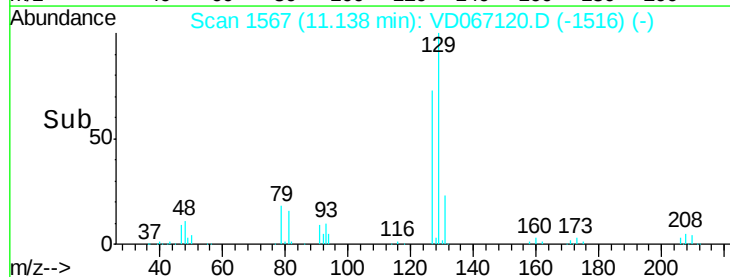
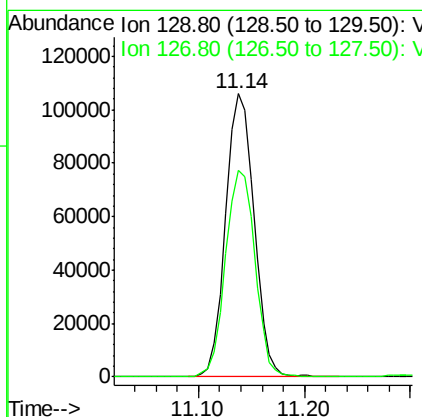
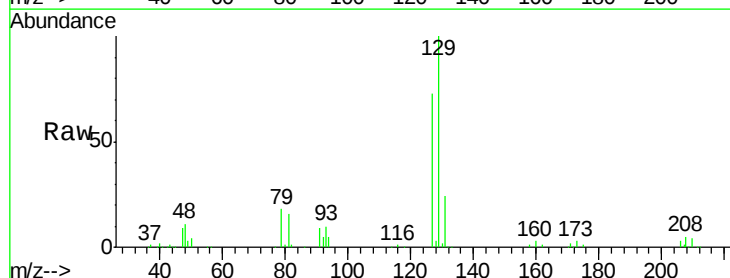
Manual Integrations
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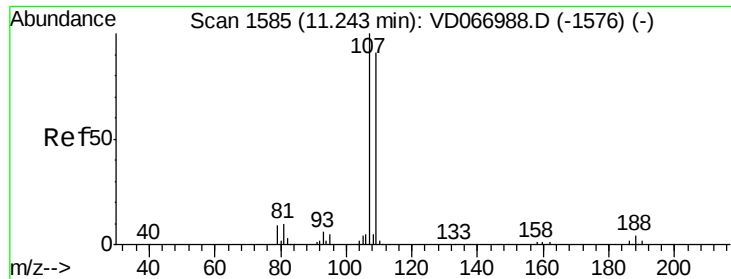
MMDadoda
10/7/2020 12:10:08 PM



#60
Dibromochloromethane
Concen: 53.754 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Tgt Ion: 129 Resp: 197830
Ion Ratio Lower Upper
129 100
127 75.5 37.4 112.1





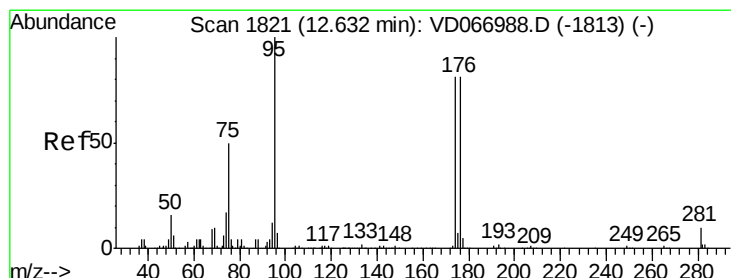
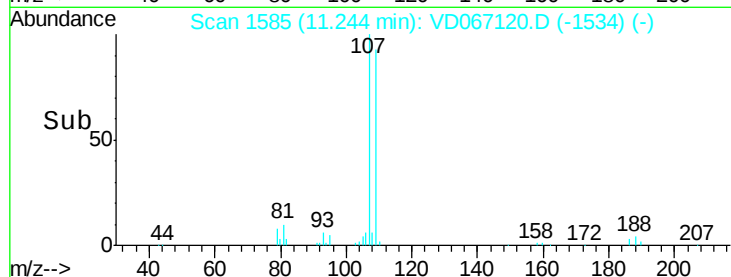
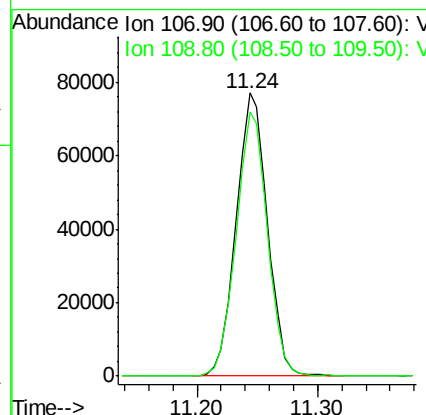
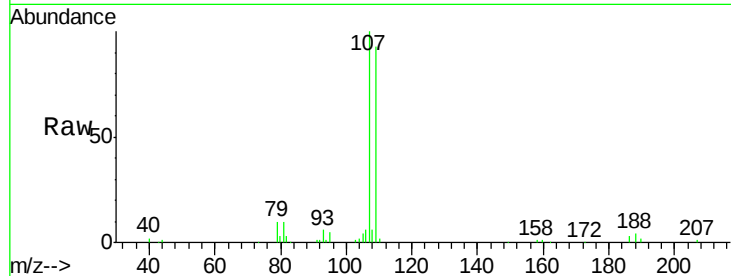
#61
 1,2-Dibromoethane
 Concen: 52.387 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD067120.D
 Acq: 06 Oct 2020 21:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.3	74.0	111.0

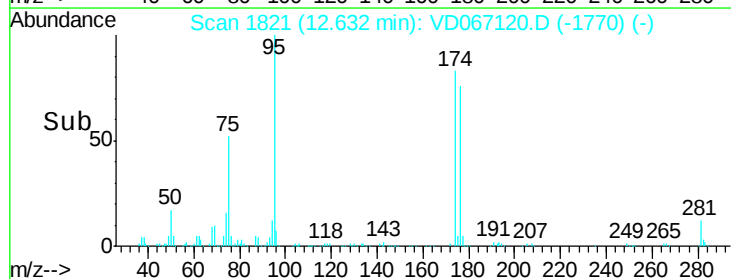
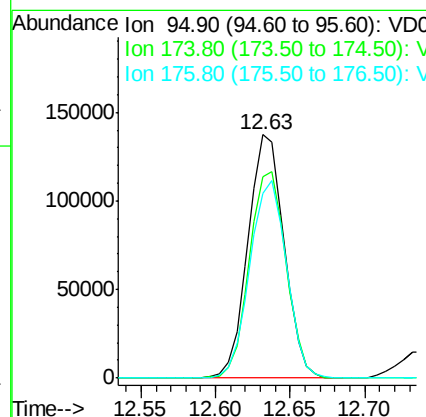
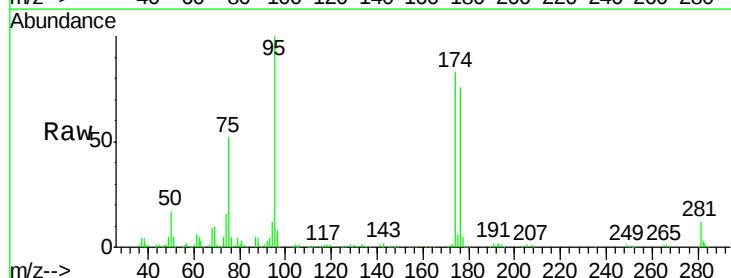
Manual Integrations
 APPROVED

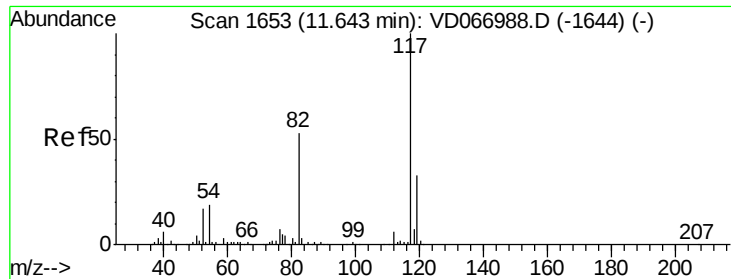
MMDadoda
 10/7/2020 12:10:08 PM



#62
 4-Bromofluorobenzene
 Concen: 50.014 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD067120.D
 Acq: 06 Oct 2020 21:45

Tgt Ion	Ratio	Lower	Upper
95	100		
174	86.0	0.0	167.6
176	82.3	0.0	162.4





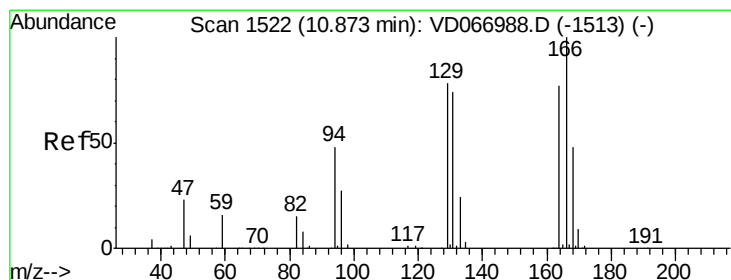
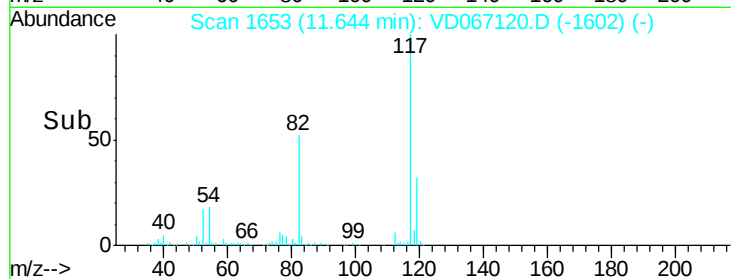
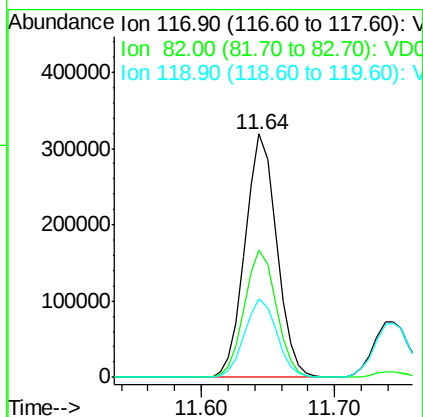
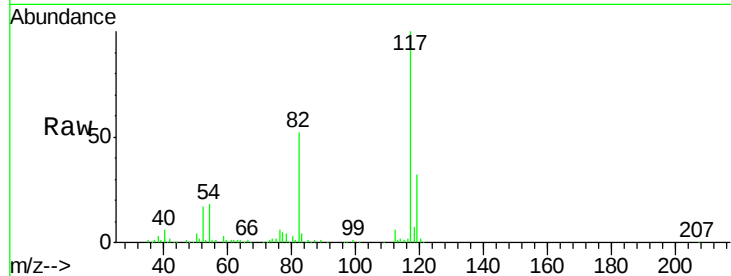
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.2	42.6	63.8
119	32.0	26.3	39.5

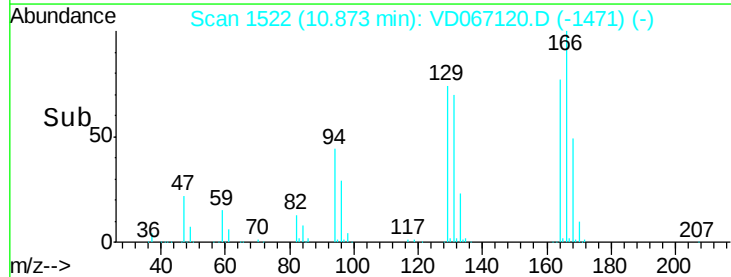
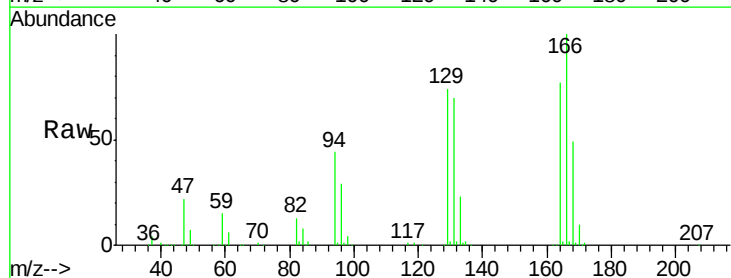
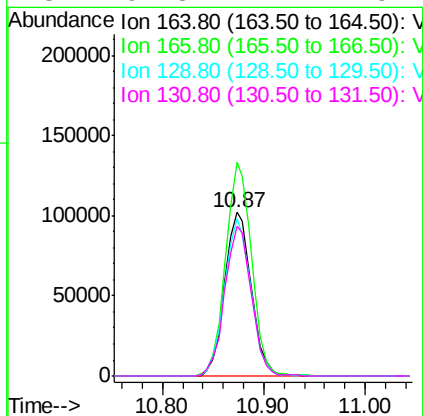
Manual Integrations
APPROVED

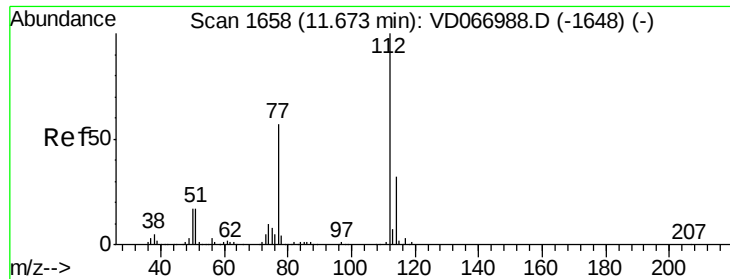
MMDadoda
10/7/2020 12:10:08 PM



#64
Tetrachloroethene
Concen: 48.619 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.5	104.4	156.6
129	96.3	81.3	121.9
131	91.3	77.1	115.7





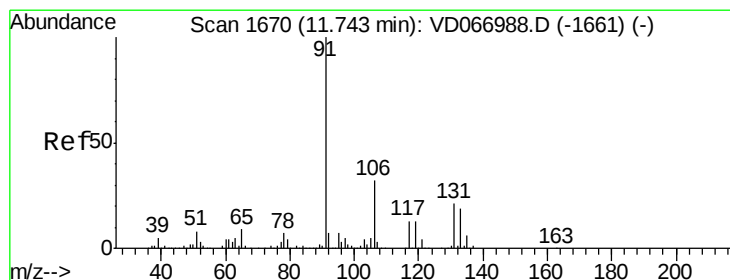
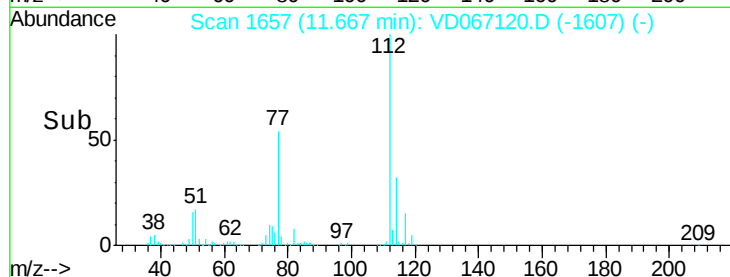
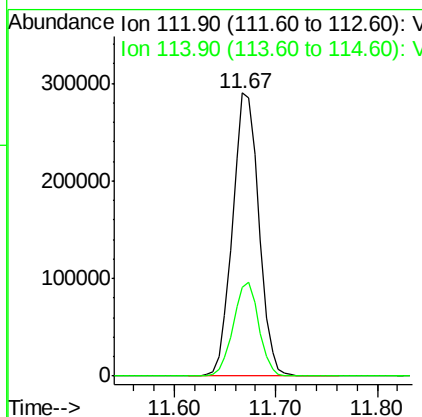
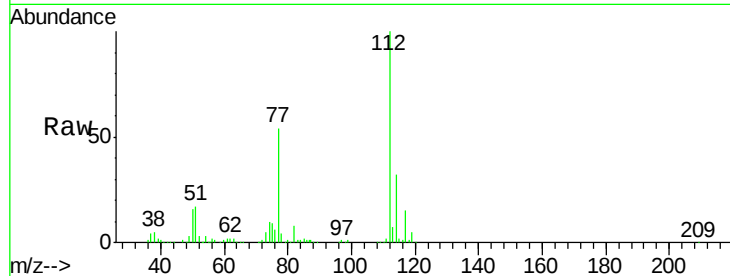
#65
Chlorobenzene
Concen: 50.196 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.4	38.0

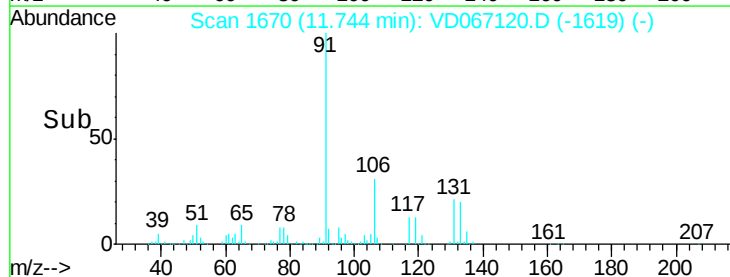
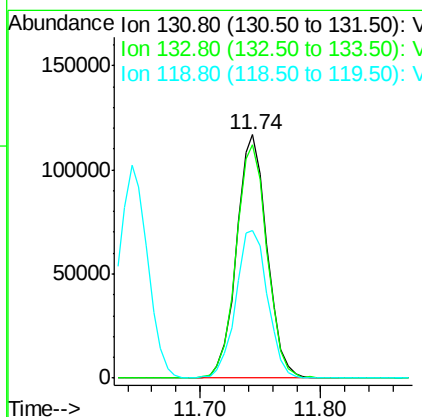
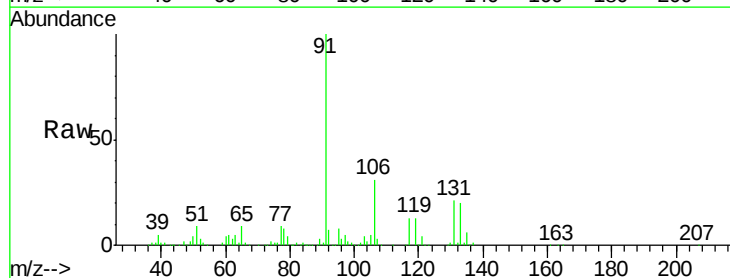
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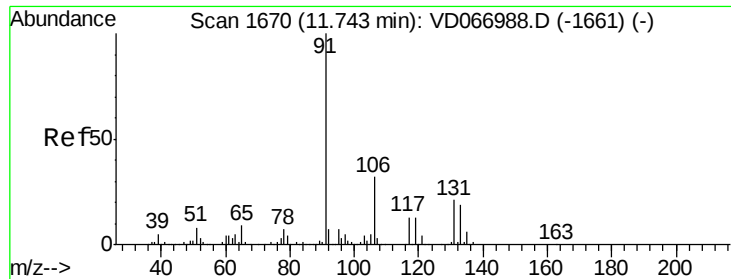
MMDadoda
10/7/2020 12:10:08 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.695 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.4	47.8	143.3
119	63.6	32.3	96.8





#67

Ethyl Benzene

Concen: 51.189 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 913354

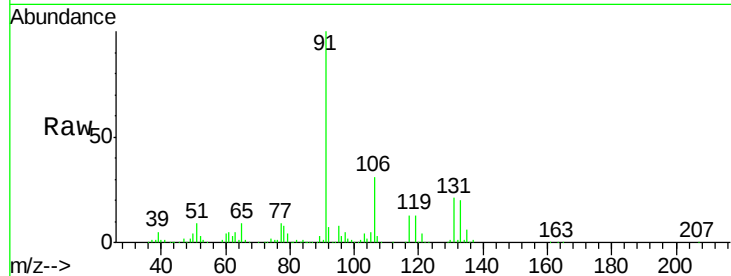
Ion Ratio Lower Upper

91 100

106 30.5 25.4 38.2

Manual Integrations
APPROVED

MMDadoda
10/7/2020 12:10:08 PM



Abundance Ion 91.00 (90.70 to 91.70): VD067120.D (-1619) (-)

Ion 106.00 (105.70 to 106.70): VD067120.D (-1619) (-)

800000

600000

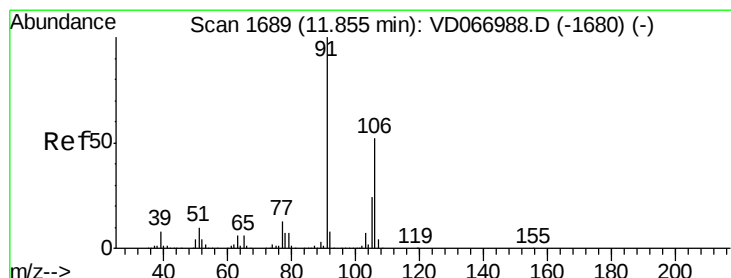
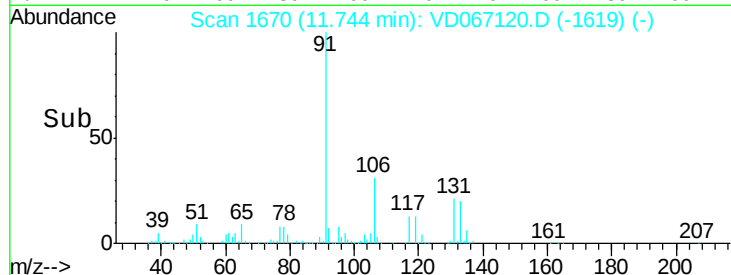
400000

200000

0

11.70 11.74 11.80

Time-->



#68

m/p-Xylenes

Concen: 100.699 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD067120.D

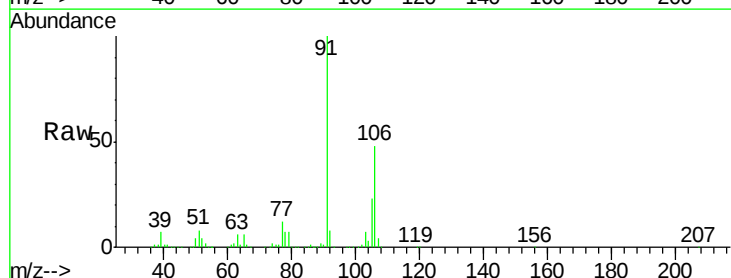
Acq: 06 Oct 2020 21:45

Tgt Ion: 106 Resp: 700223

Ion Ratio Lower Upper

106 100

91 201.5 158.4 237.6



Abundance Ion 106.00 (105.70 to 106.70): VD067120.D (-1638) (-)

Ion 91.00 (90.70 to 91.70): VD067120.D (-1638) (-)

800000

600000

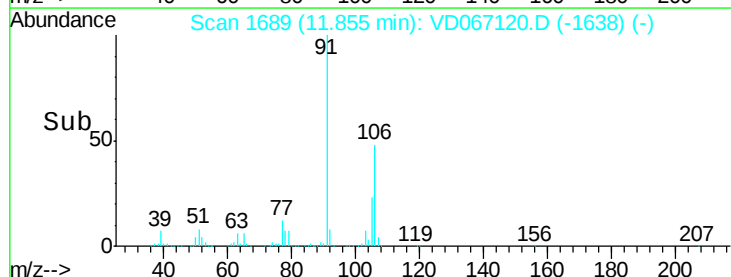
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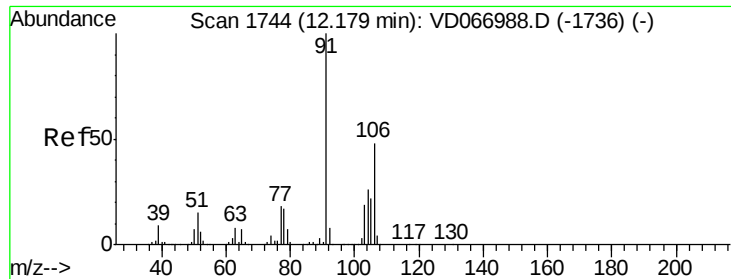
200000

0

11.80 11.86 11.90

Time-->





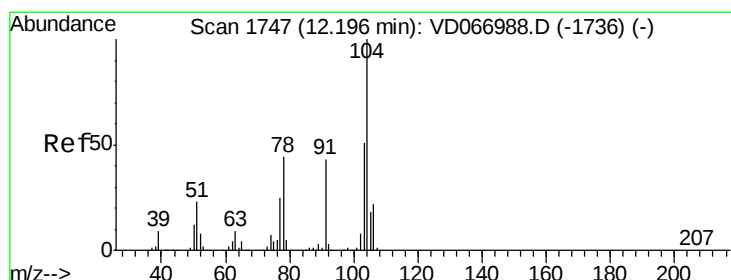
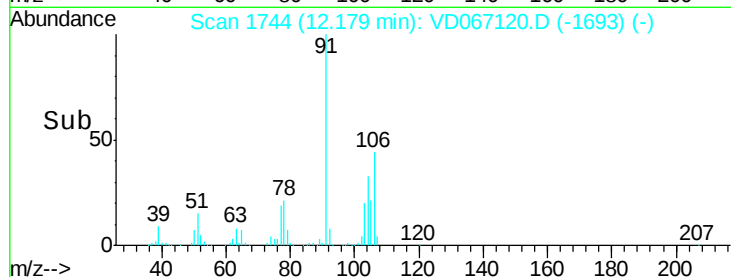
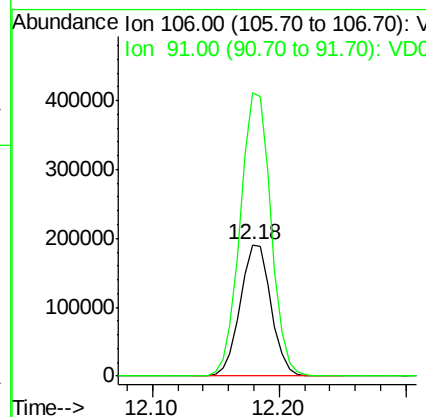
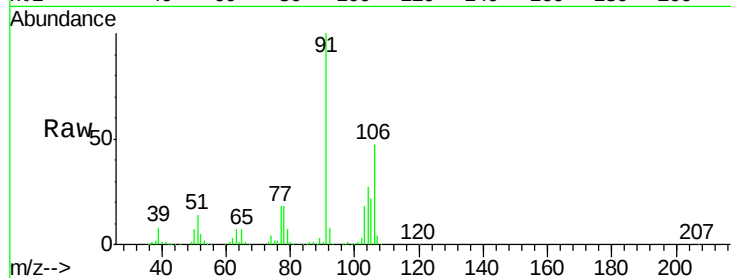
#69
o-Xylene
Concen: 51.488 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	215.5	102.4	307.2

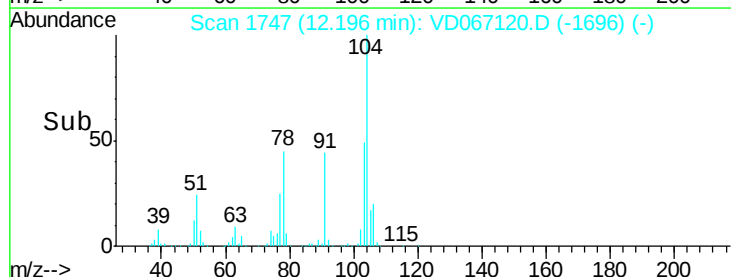
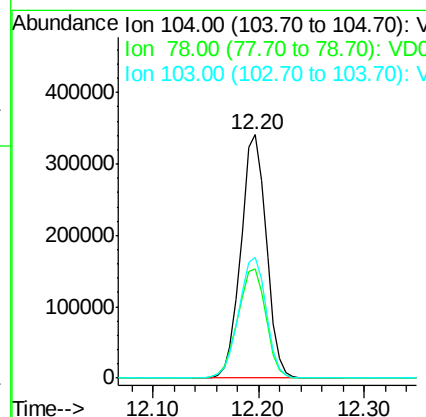
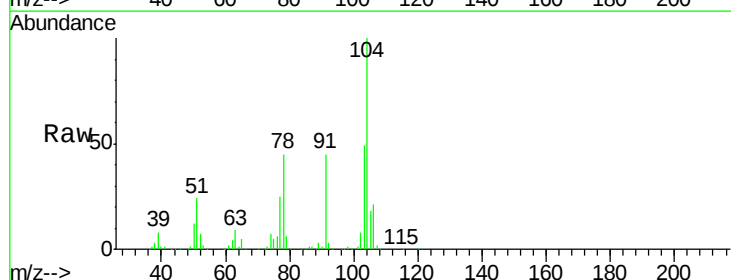
Manual Integrations
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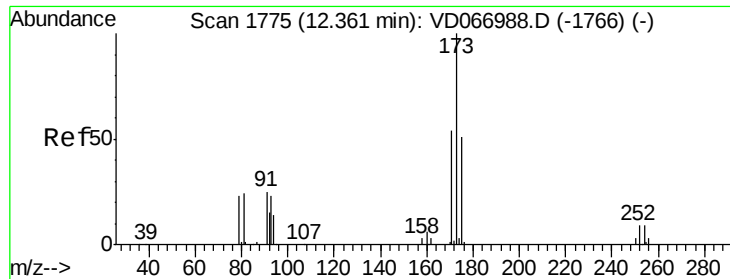
MMDadoda
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#70
Styrene
Concen: 53.069 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.8	38.6	58.0
103	53.5	43.4	65.0





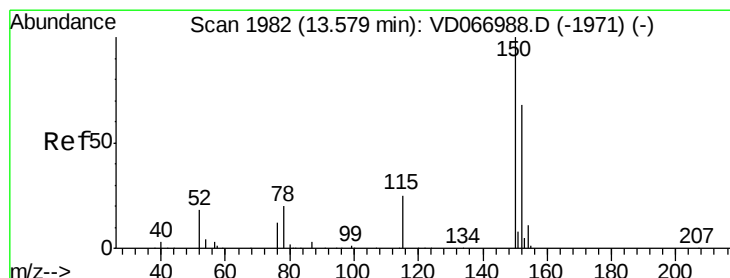
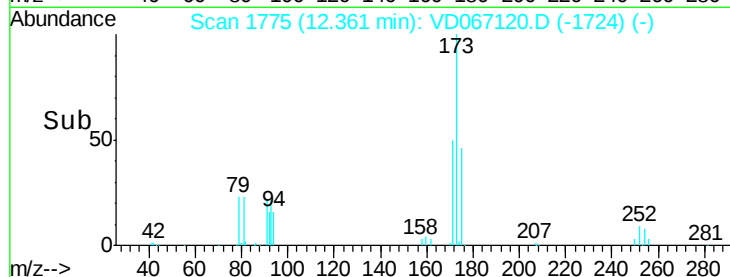
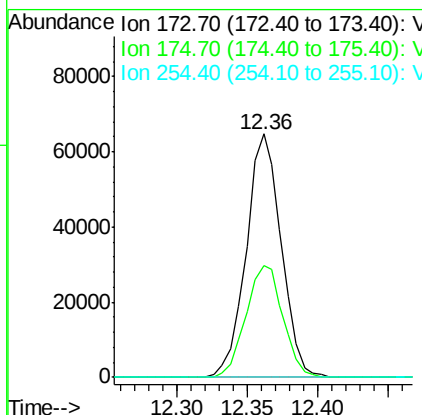
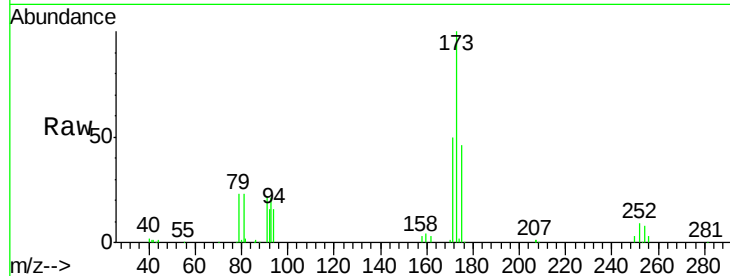
#71
Bromoform
Concen: 54.599 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.9	74.7
254	0.0	0.2	0.4

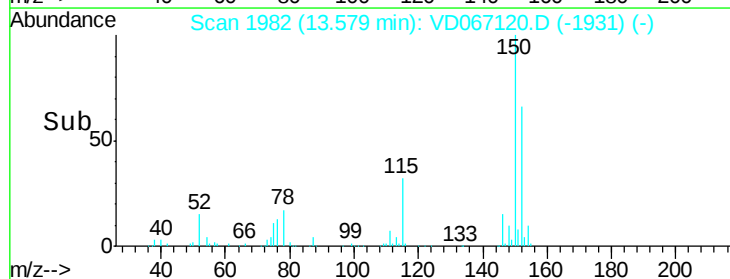
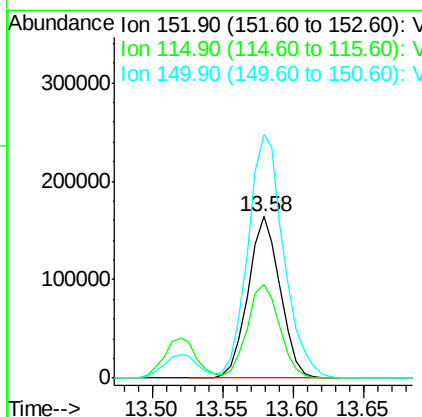
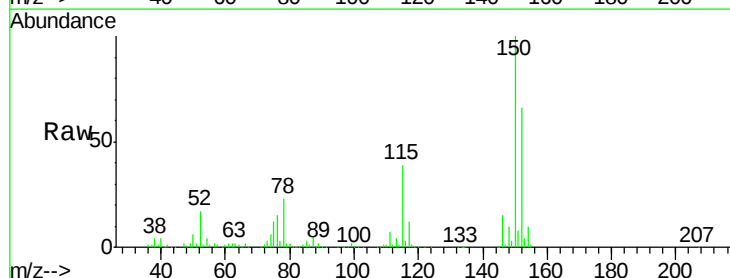
Manual Integrations
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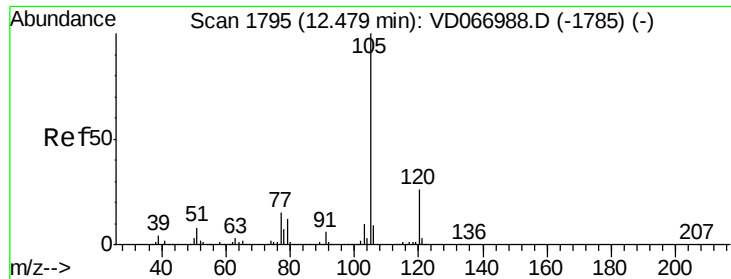
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.0	29.6	88.8
150	169.1	0.0	344.8





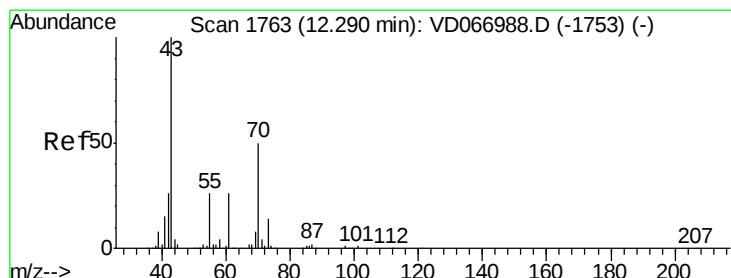
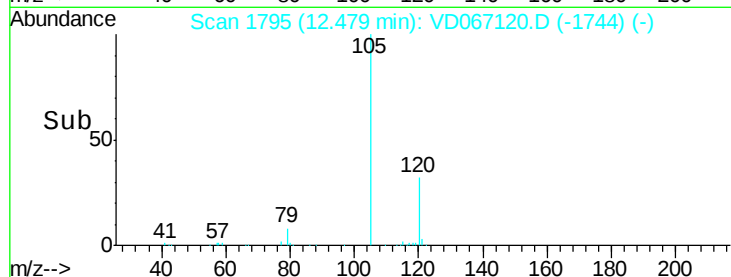
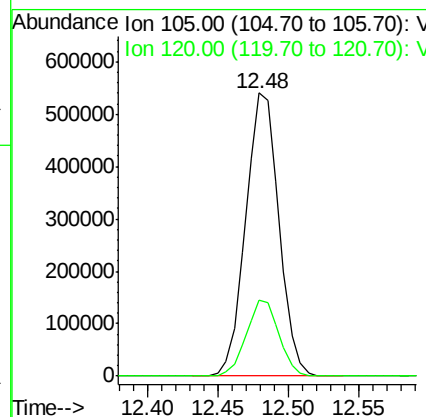
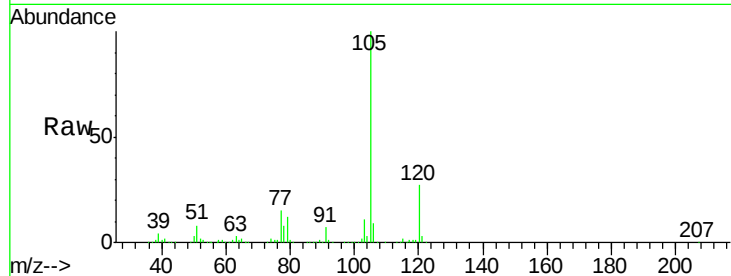
#73
Isopropylbenzene
Concen: 50.285 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
105	100	892053		
120	26.4	13.3	39.9	

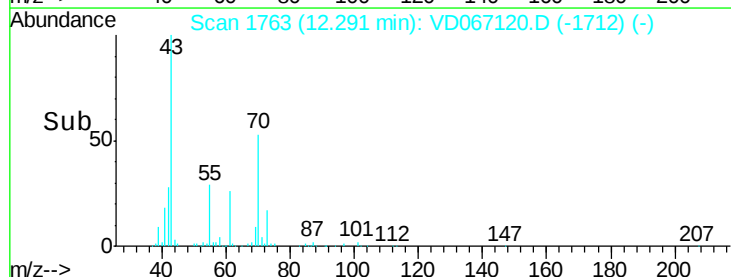
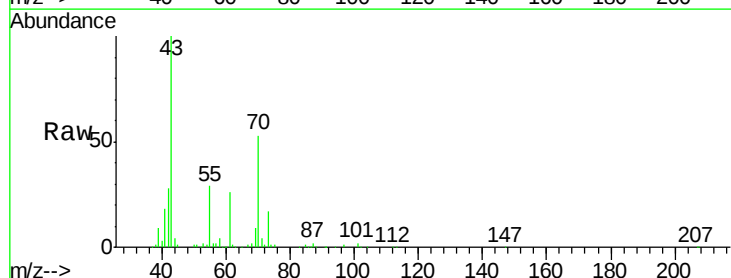
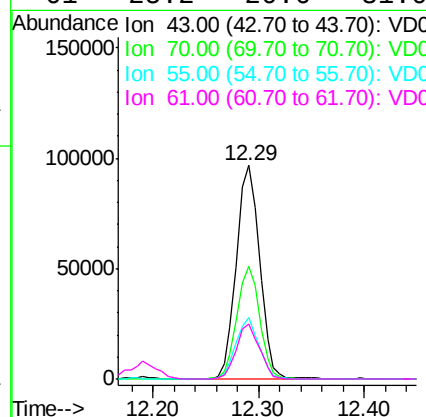
Manual Integrations
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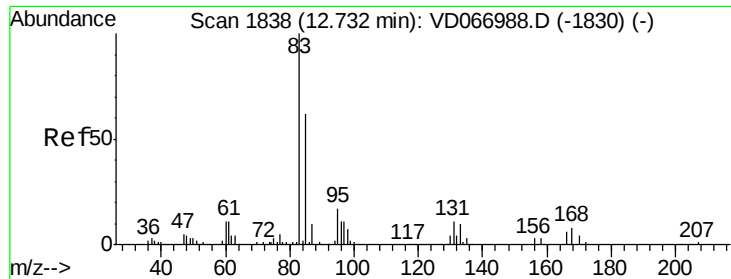
MMDadoda
10/7/2020 12:10:08 PM



#74
N-ethyl acetate
Concen: 46.309 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	147682		
70	51.4	38.2	57.2	
55	28.2	22.4	33.6	
61	25.2	20.6	31.0	





#75

1,1,2,2-Tetrachloroethane

Concen: 46.871 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Instrument :

MSVOA_D

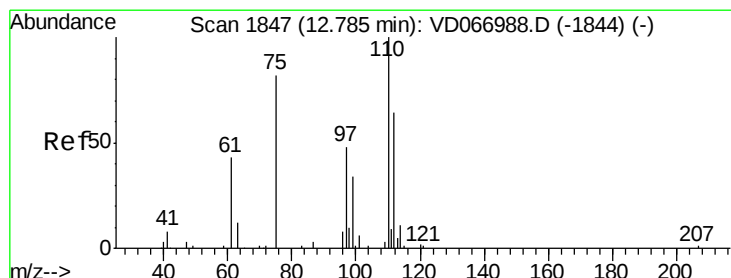
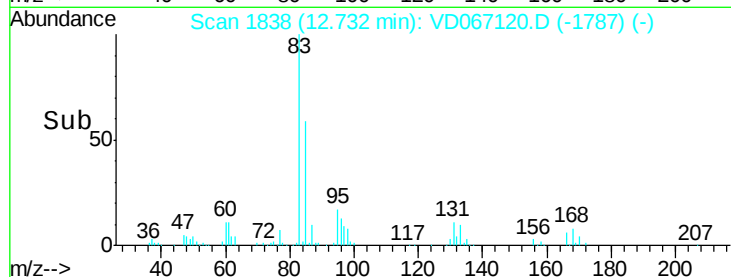
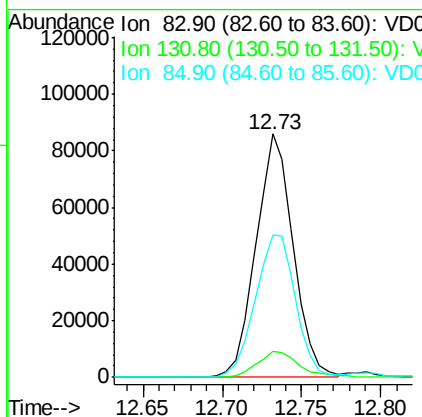
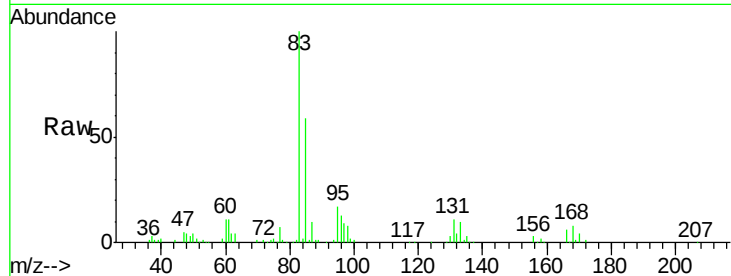
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	140094
Ion Ratio	Lower	Upper	
83	100		
131	12.0	5.7	17.0
85	63.2	32.0	96.2

Manual Integrations
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MMDadoda
10/7/2020 12:10:08 PM



#76

1,2,3-Trichloropropane

Concen: 40.256 ug/l m

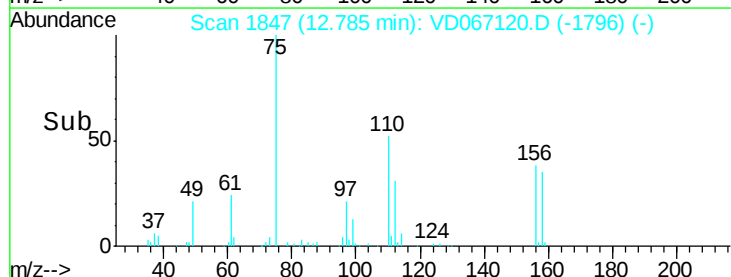
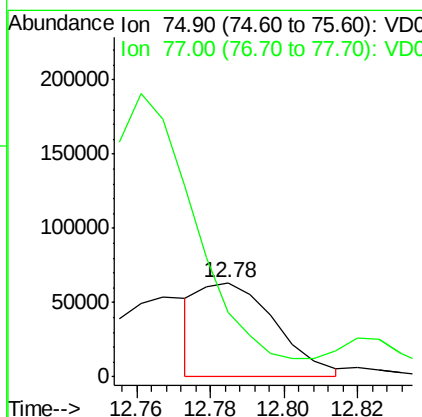
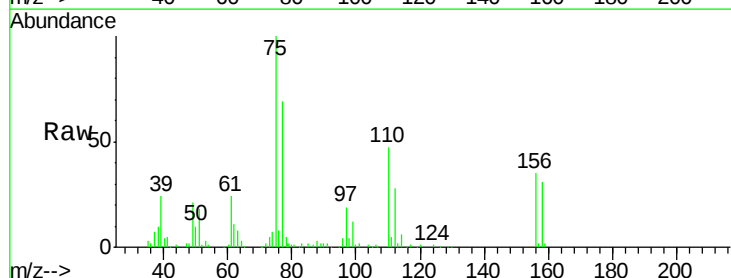
RT: 12.78 min Scan# 1847

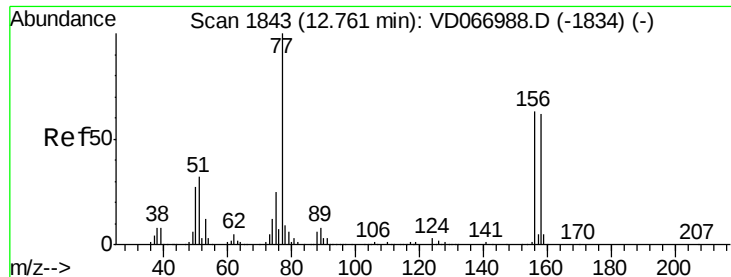
Delta R.T. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Tgt Ion:	75	Resp:	91610
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.114 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Instrument :

MSVOA_D

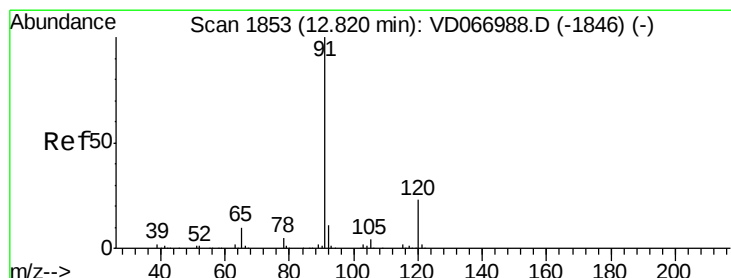
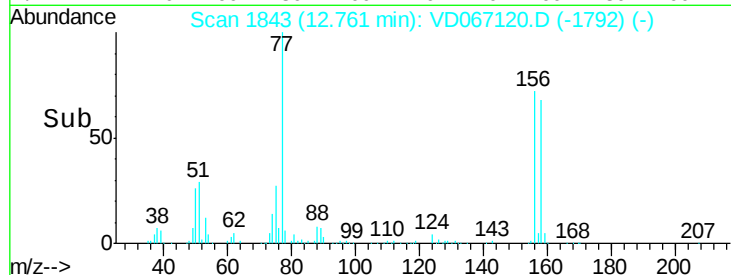
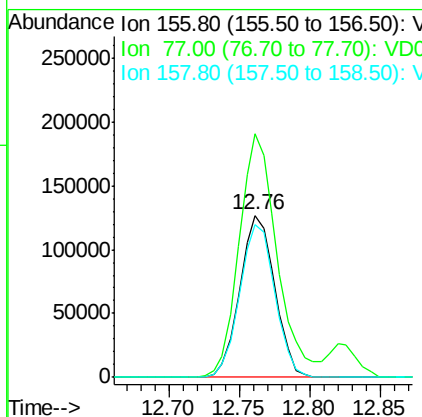
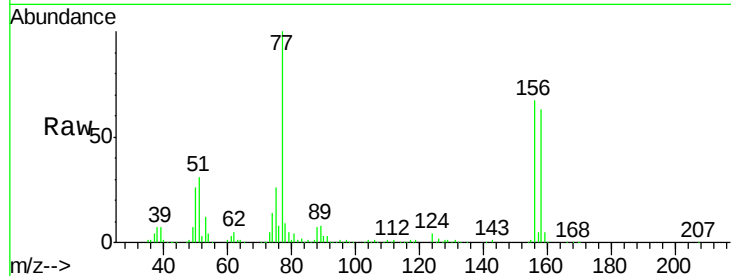
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	218947
Ion Ratio	Lower	Upper	
156	100		
77	162.5	86.3	258.8
158	95.3	49.5	148.3

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#78

n-propylbenzene

Concen: 49.160 ug/l

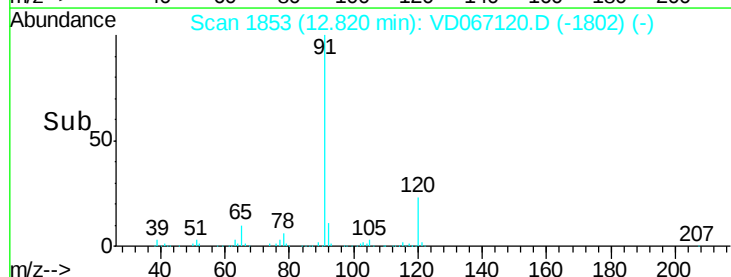
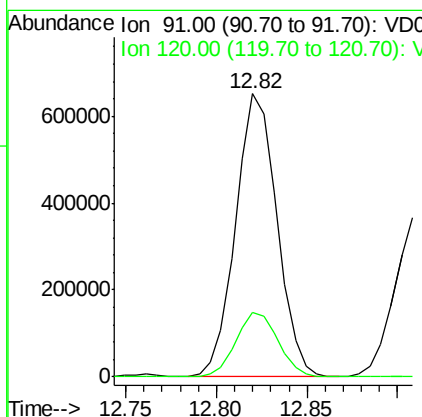
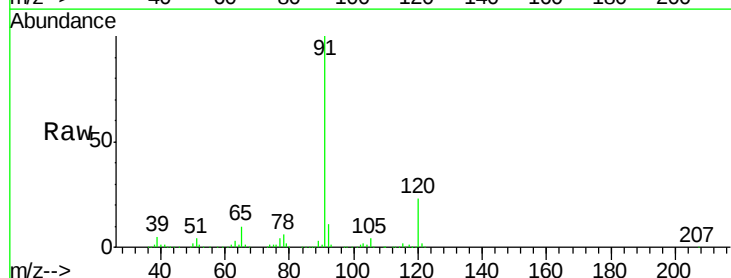
RT: 12.82 min Scan# 1853

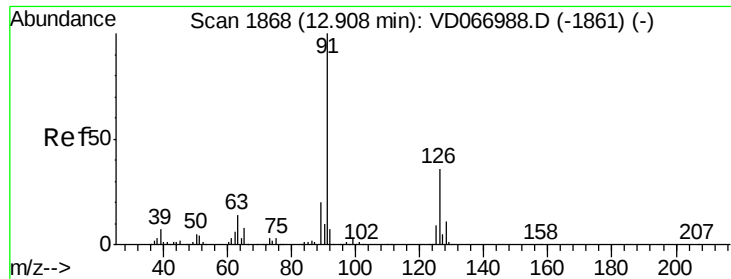
Delta R.T. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Tgt Ion:	91	Resp:	1030674
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.6	34.8





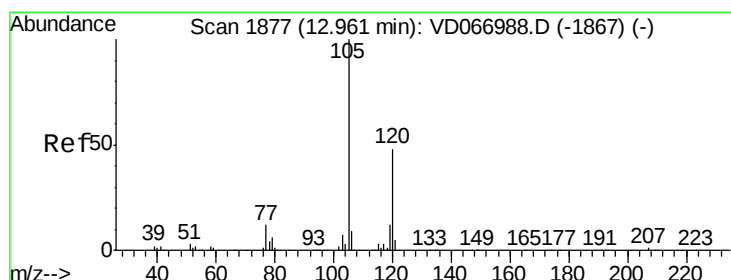
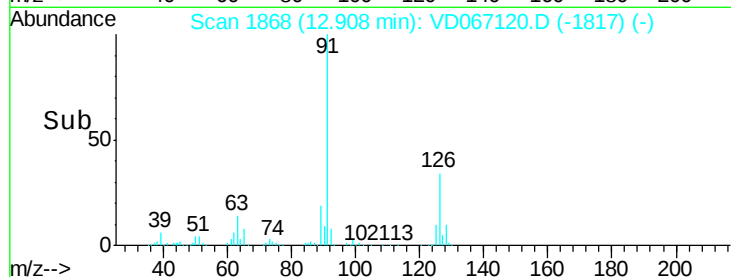
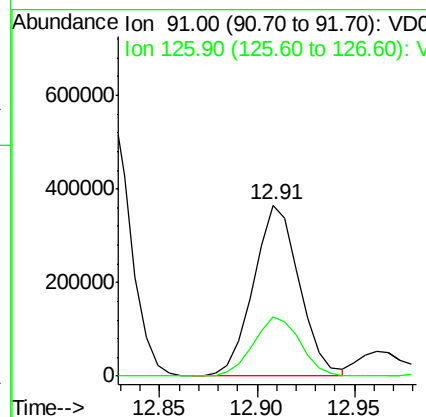
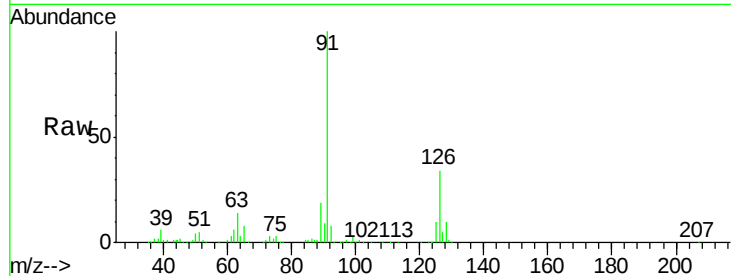
#79
2-Chlorotoluene
Concen: 49.527 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 594093
Ion Ratio Lower Upper
91 100
126 35.1 17.5 52.6

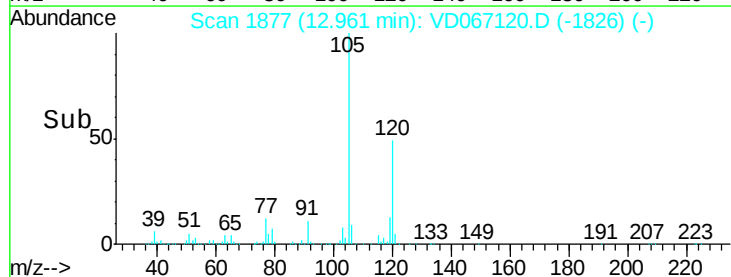
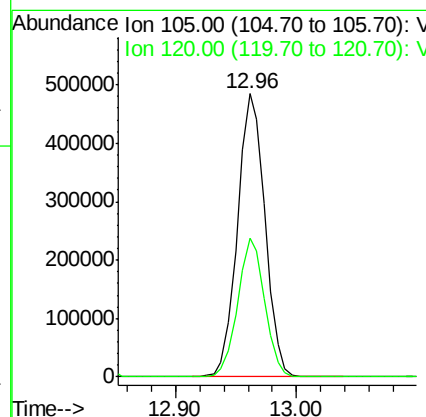
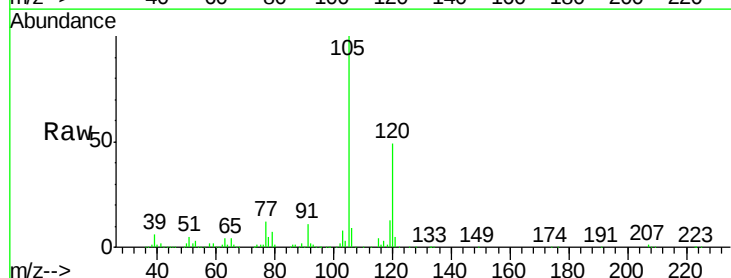
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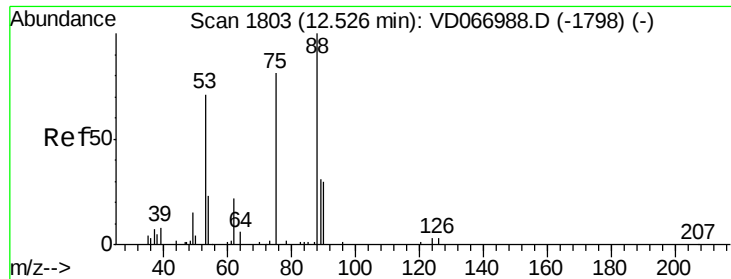
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#80
1,3,5-Trimethylbenzene
Concen: 51.253 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Tgt Ion: 105 Resp: 768186
Ion Ratio Lower Upper
105 100
120 47.9 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 48.501 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Instrument :

MSVOA_D

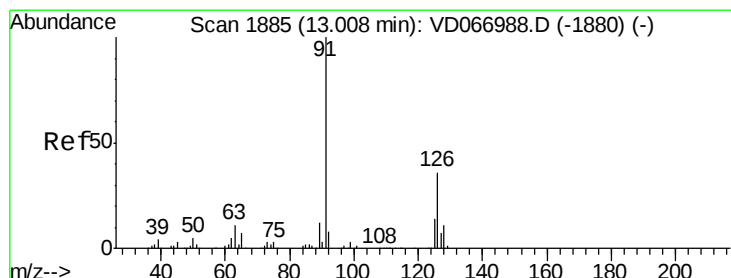
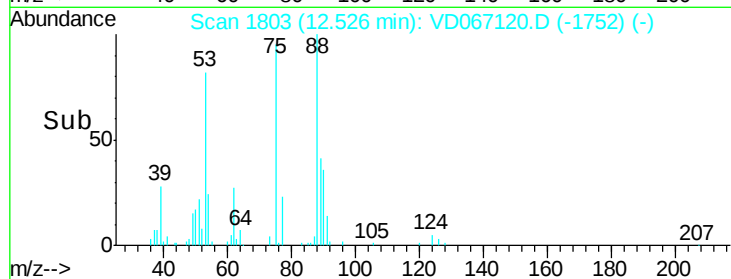
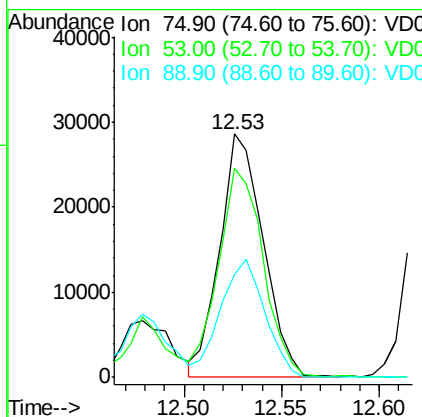
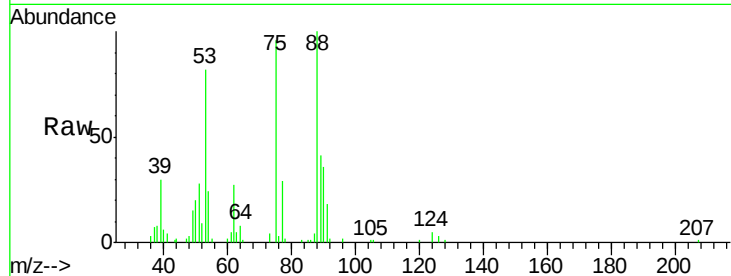
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	44270
Ion	Ratio	Lower	Upper
75	100		
53	88.4	73.8	110.6
89	49.7	38.9	58.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 49.072 ug/l

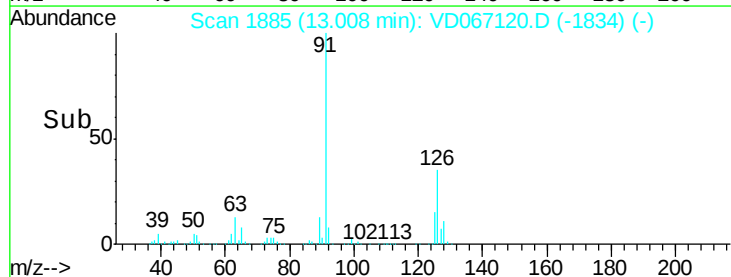
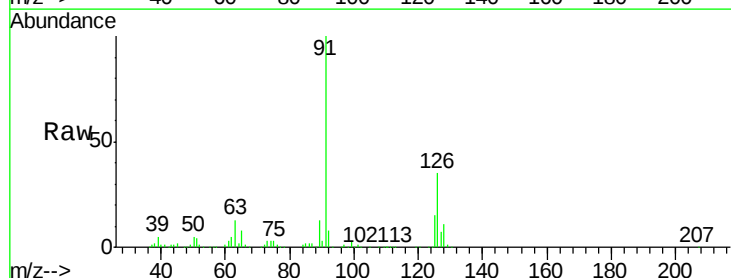
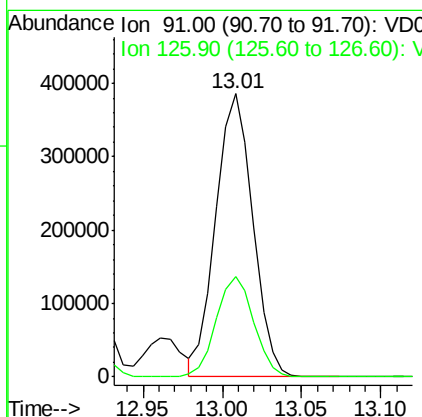
RT: 13.01 min Scan# 1885

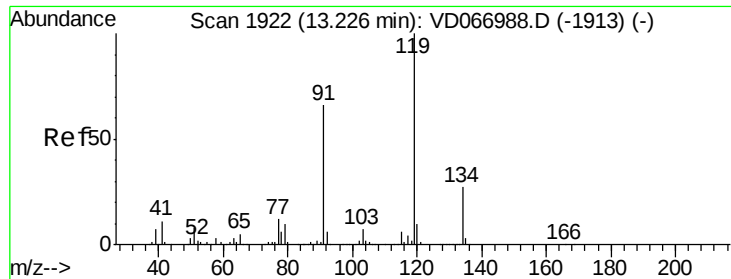
Delta R.T. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Tgt Ion:	91	Resp:	626276
Ion	Ratio	Lower	Upper
91	100		
126	35.8	17.5	52.5





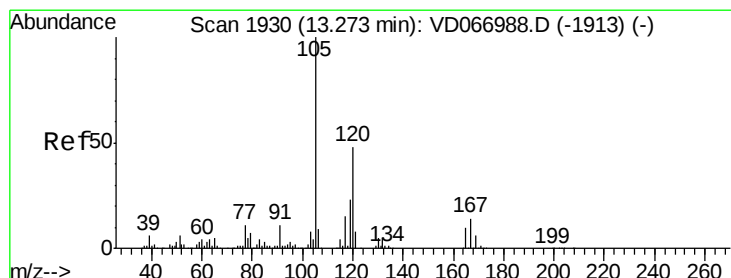
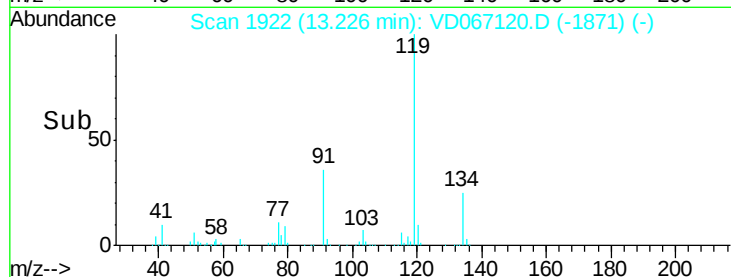
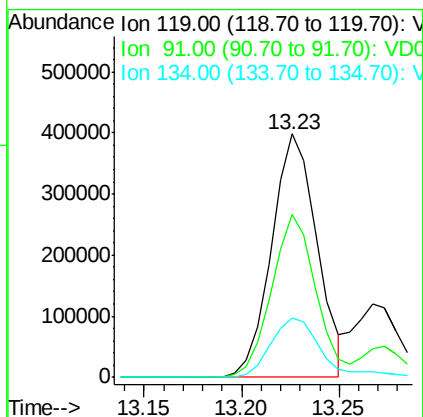
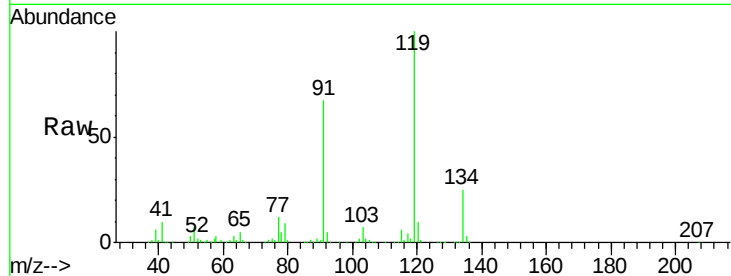
#83
tert-Butylbenzene
Concen: 50.798 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	641150		
91	65.4	32.8	98.3	
134	27.4	13.9	41.7	

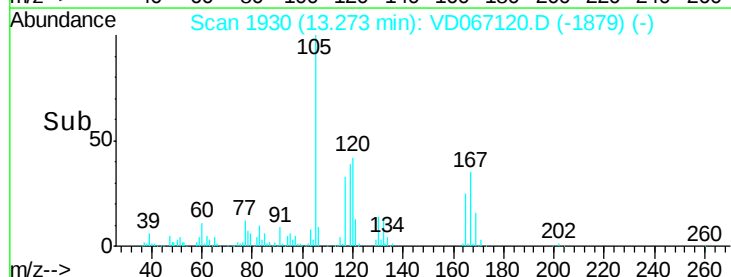
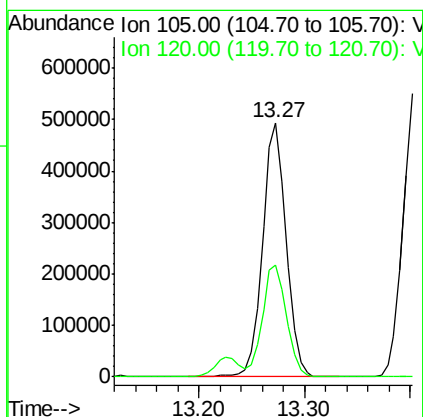
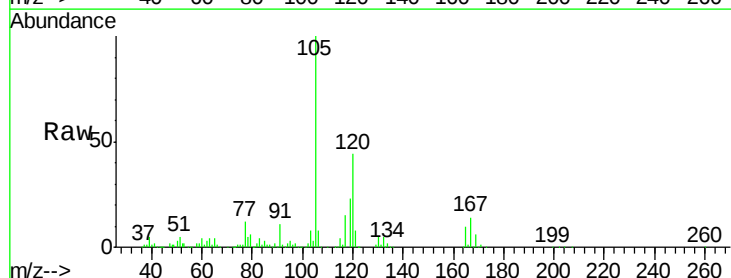
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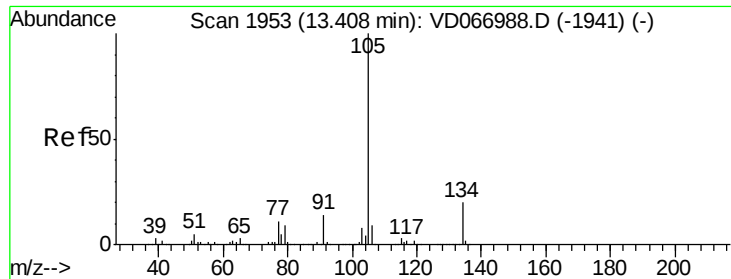
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#84
1,2,4-Trimethylbenzene
Concen: 51.099 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	764319		
120	44.9	23.3	69.8	





#85

sec-Butylbenzene

Concen: 49.883 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 886638

Ion Ratio Lower Upper

105 100

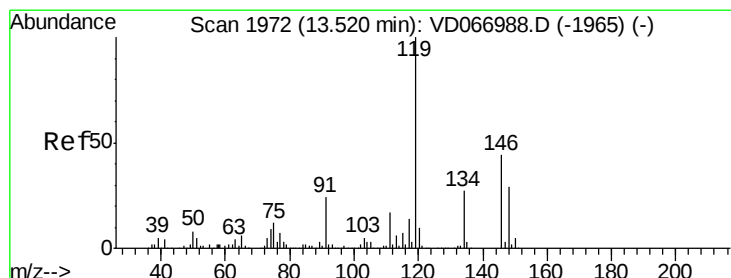
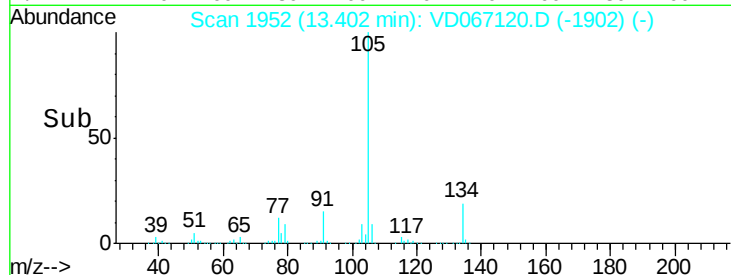
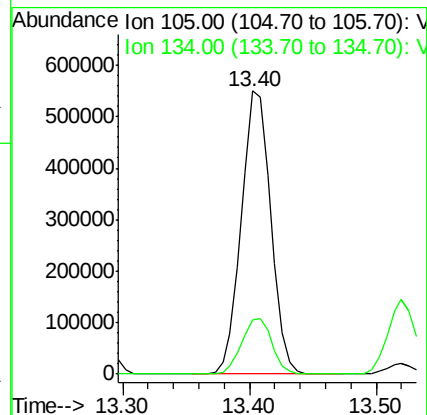
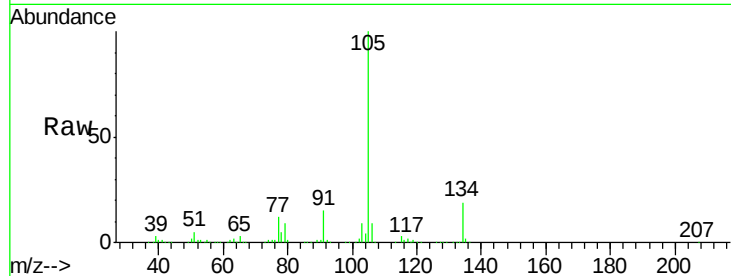
134 20.1 10.3 30.8

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#86

p-Isopropyltoluene

Concen: 50.382 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

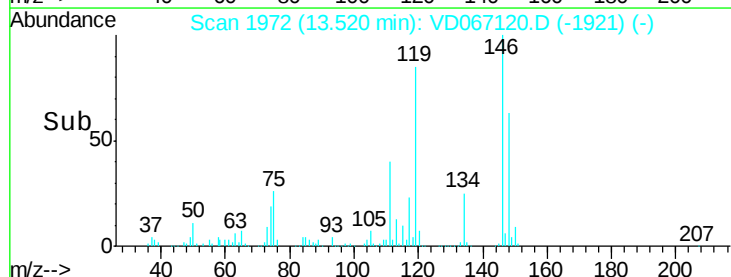
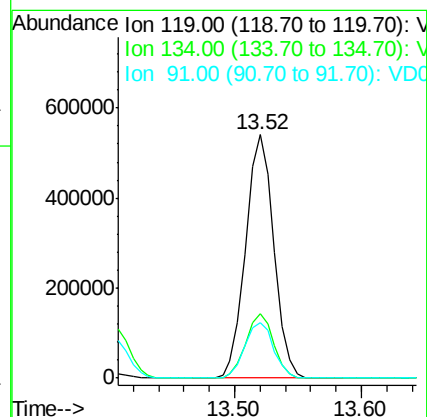
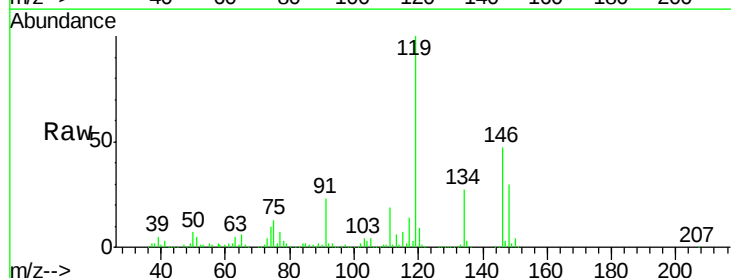
Tgt Ion:119 Resp: 830226

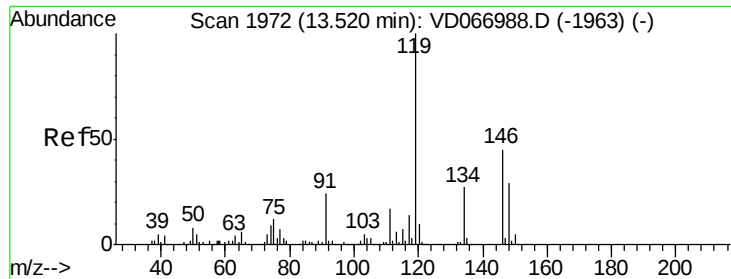
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.1

91 23.6 11.7 35.1





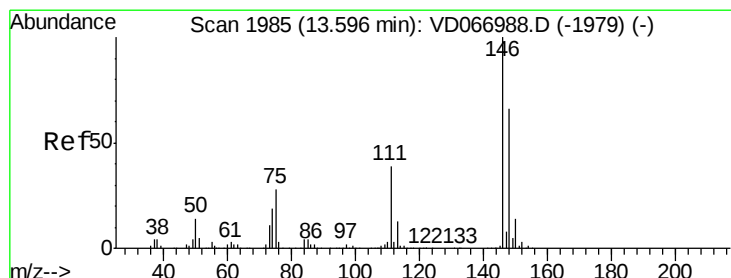
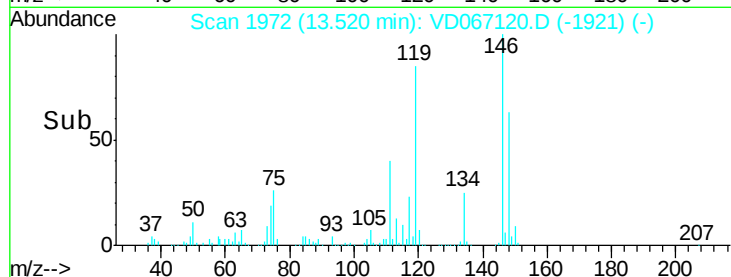
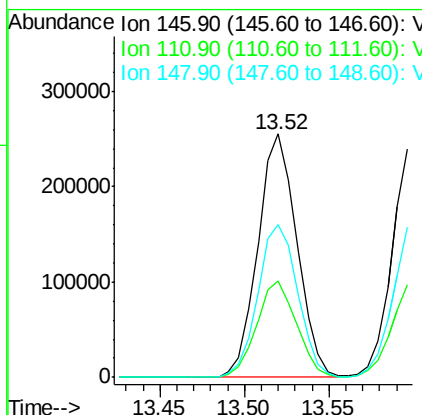
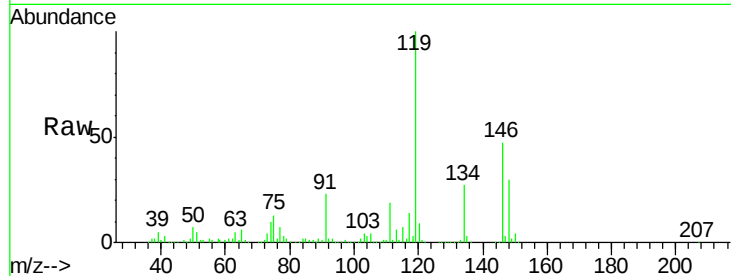
#87
 1,3-Dichlorobenzene
 Concen: 48.993 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067120.D
 Acq: 06 Oct 2020 21:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.0	60.0
148	64.1	31.9	95.9

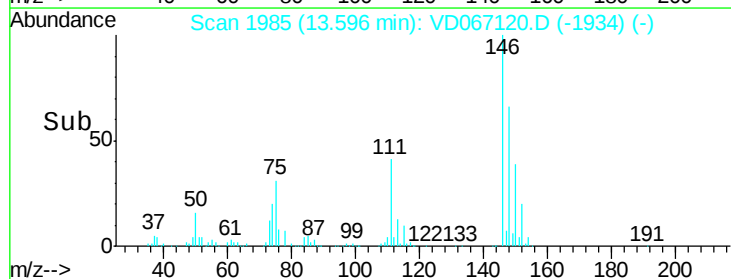
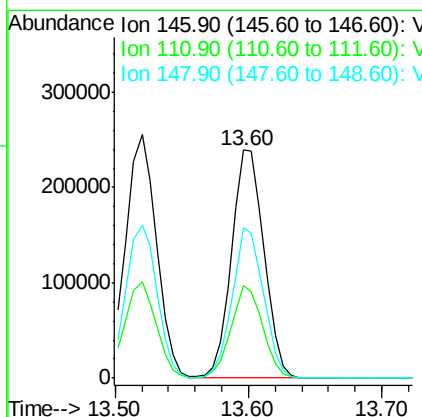
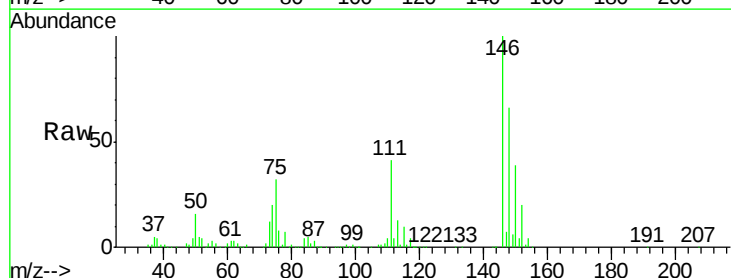
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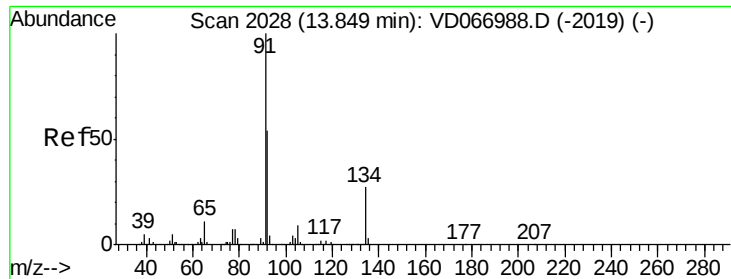
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#88
 1,4-Dichlorobenzene
 Concen: 48.520 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD067120.D
 Acq: 06 Oct 2020 21:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.6	58.7
148	63.5	32.6	97.7





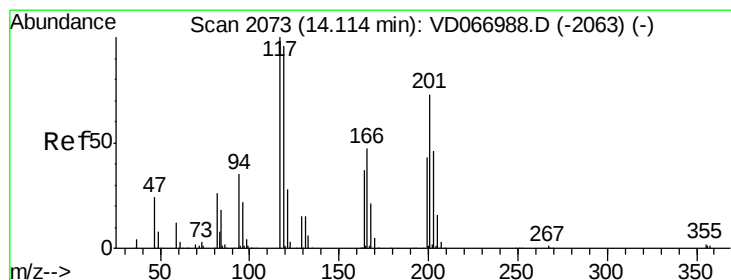
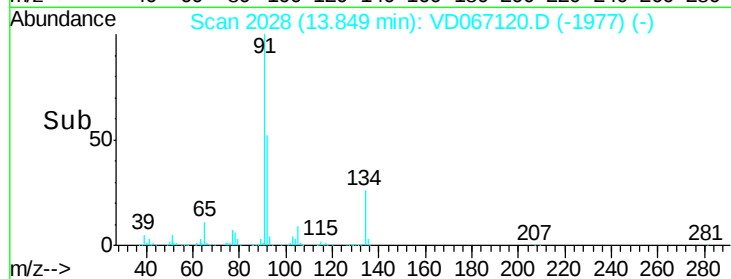
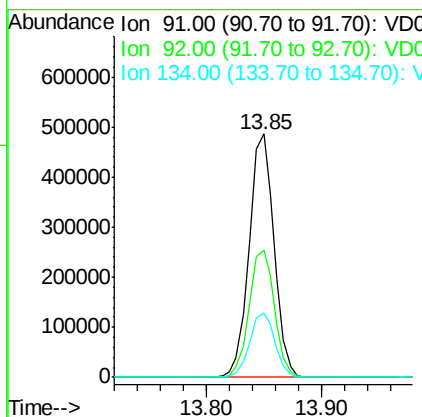
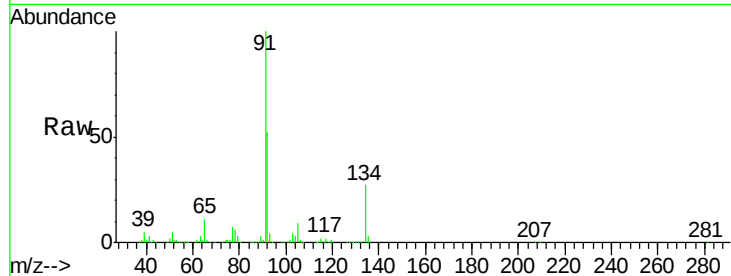
#89
n-Butylbenzene
Concen: 48.481 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		730134		
92	53.2	27.1	81.2		
134	26.9	13.6	40.8		

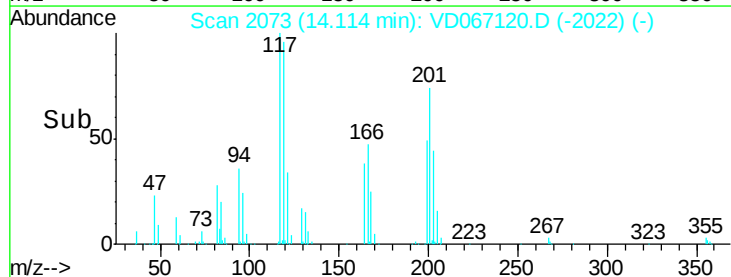
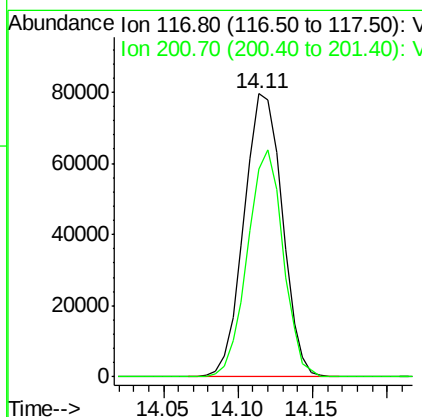
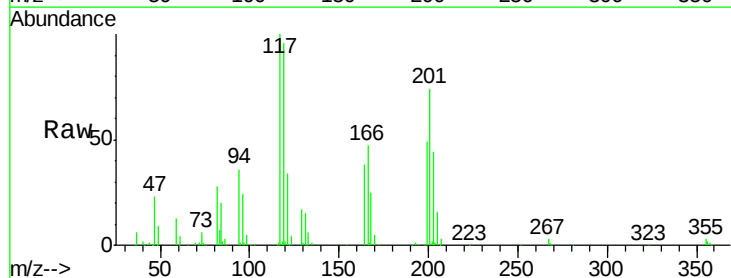
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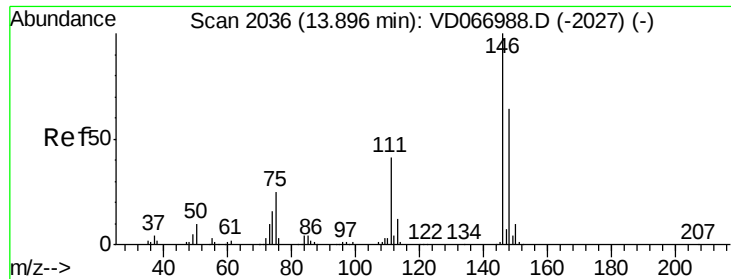
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#90
Hexachloroethane
Concen: 49.029 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067120.D
Acq: 06 Oct 2020 21:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		141522		
201	74.6	37.0	110.9		





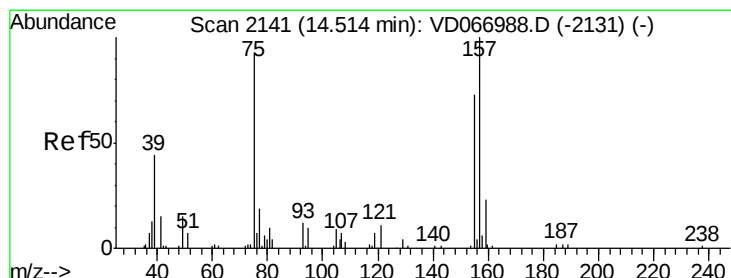
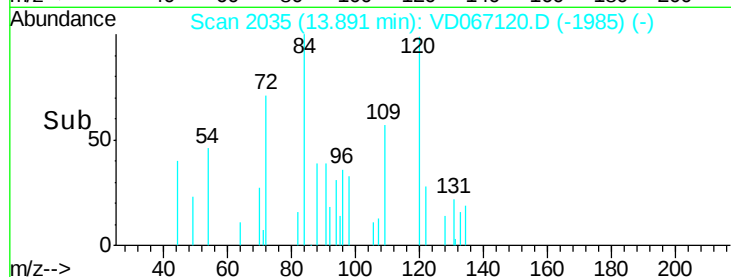
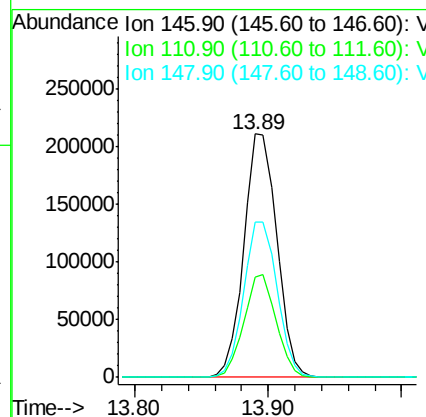
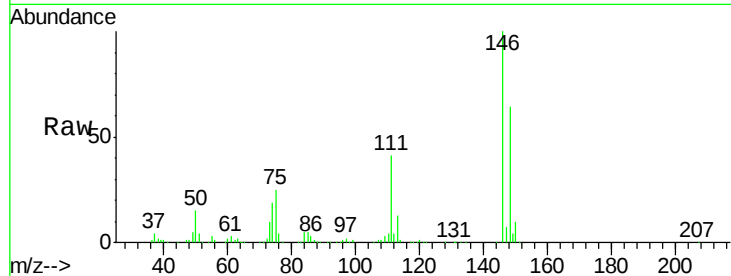
#91
 1,2-Dichlorobenzene
 Concen: 49.380 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD067120.D
 Acq: 06 Oct 2020 21:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.9	62.7
148	64.8	32.3	96.9

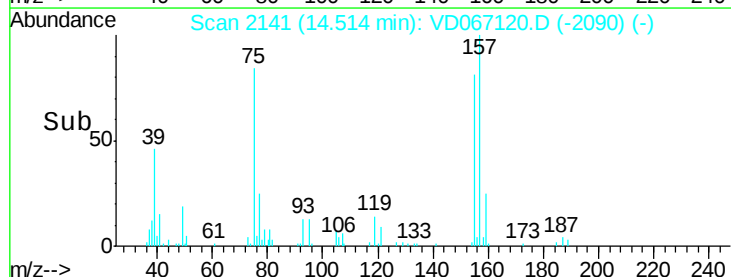
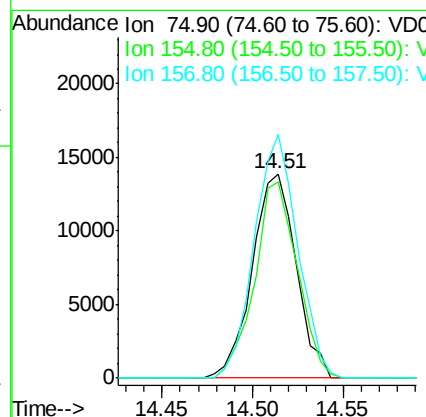
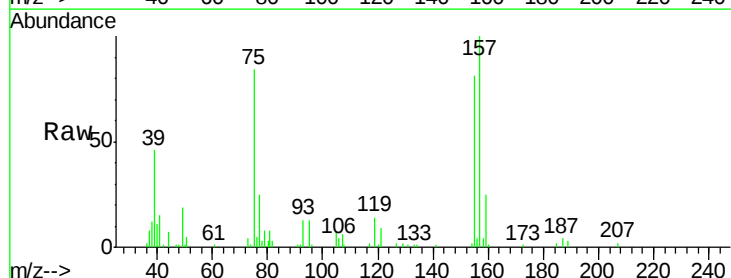
Manual Integrations
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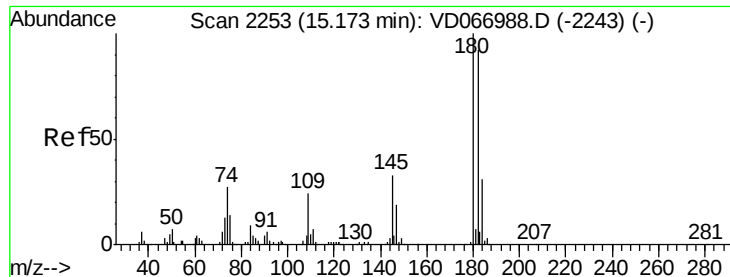
MMDadoda
 10/7/2020 12:10:08 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.461 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD067120.D
 Acq: 06 Oct 2020 21:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.4	45.2	135.6
157	117.7	56.3	168.8





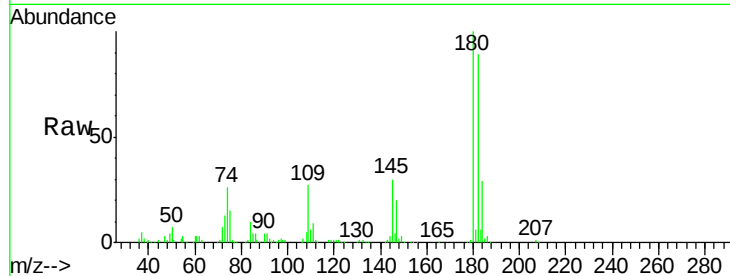
#93
 1,2,4-Trichlorobenzene
 Concen: 52.622 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067120.D
 Acq: 06 Oct 2020 21:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

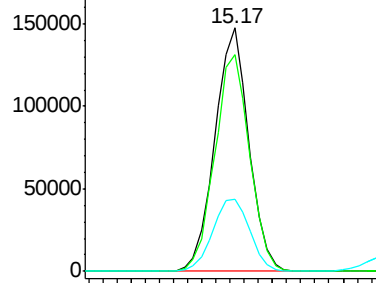
Tot Ion:	180	Resp:	248021
Ion Ratio	Lower	Upper	
180	100		
182	91.6	47.3	142.0
145	32.6	16.4	49.1

Manual Integrations
 APPROVED

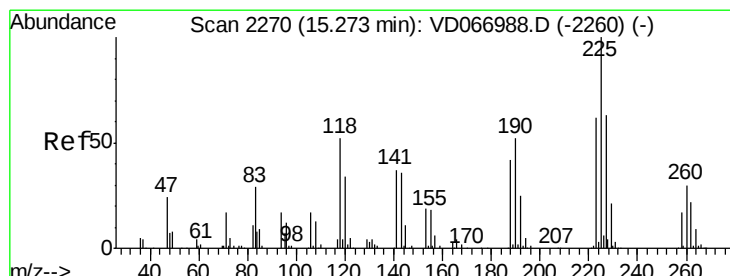
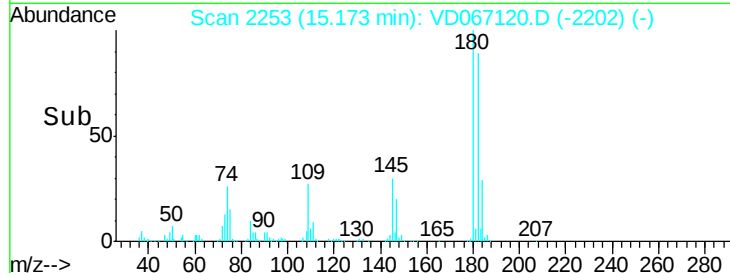
MMDadoda
 10/7/2020 12:10:08 PM



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

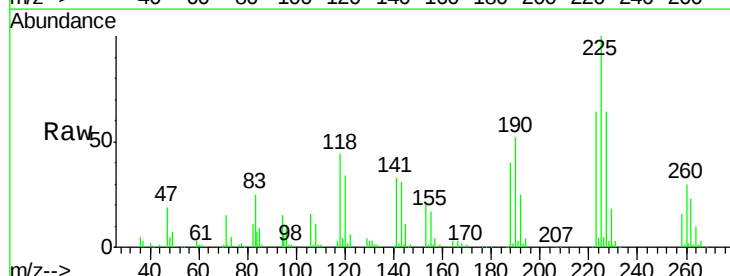


Time-->

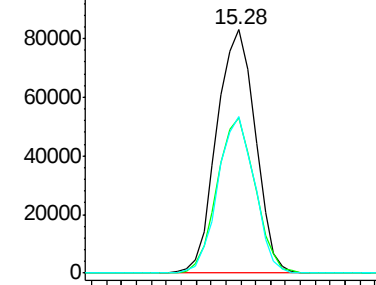


#94
 Hexachlorobutadiene
 Concen: 51.353 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD067120.D
 Acq: 06 Oct 2020 21:45

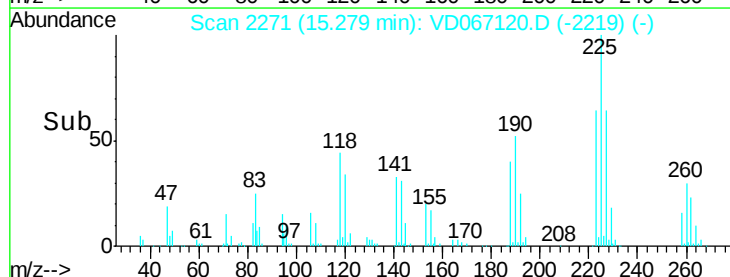
Tgt Ion:	225	Resp:	148648
Ion Ratio	Lower	Upper	
225	100		
223	62.6	32.4	97.0
227	60.6	31.6	95.0

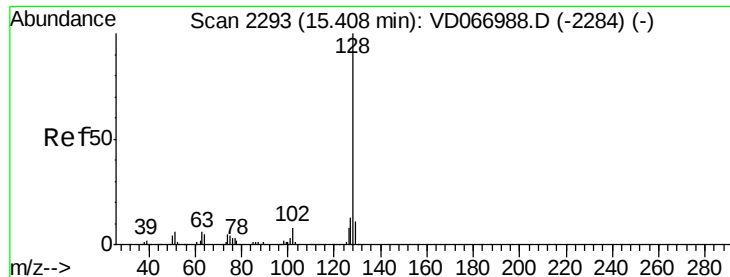


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time-->





#95

Naphthalene

Concen: 55.064 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Instrument :

MSVOA_D

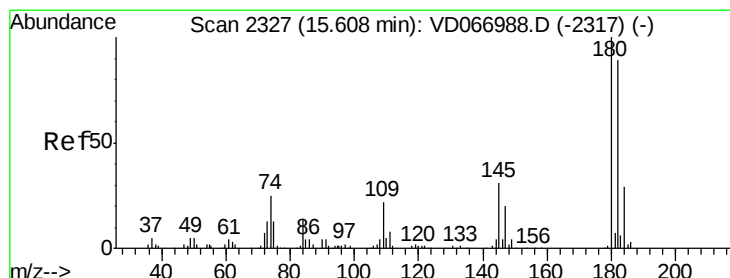
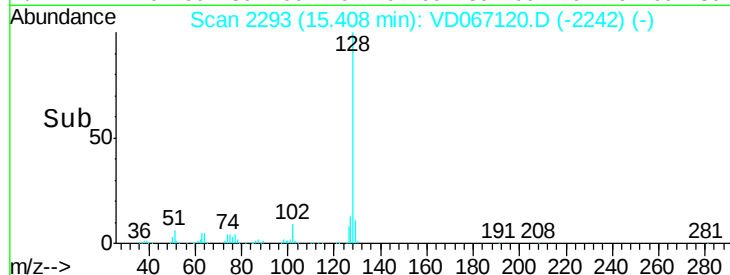
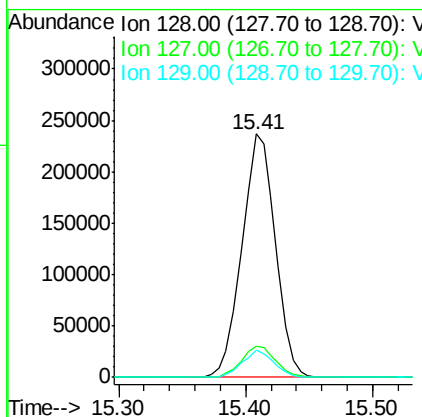
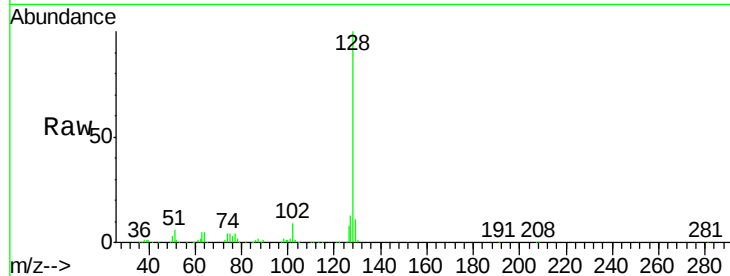
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	432895
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.3	15.5
129	10.6	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
10/7/2020 12:10:08 PM



#96

1,2,3-Trichlorobenzene

Concen: 52.024 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.01 min

Lab File: VD067120.D

Acq: 06 Oct 2020 21:45

Tgt Ion:	180	Resp:	212862
Ion Ratio	Lower	Upper	
180	100		
182	94.4	46.4	139.1
145	35.3	16.6	49.7

