

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100120\
 Data File : VD067009.D
 Acq On : 02 Oct 2020 00:08
 Operator : VA/SY
 Sample : VD1001SBS02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1001SBS02

Manual Integrations
 APPROVED

MMDadoda
 10/2/2020 3:13:39 PM

Quant Time: Oct 02 01:38:32 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	417510	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	690731	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	645542	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	307242	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	207660	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
35) Dibromofluoromethane	7.91	113	220727	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
50) Toluene-d8	10.34	98	824984	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
62) 4-Bromofluorobenzene	12.63	95	281318	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	78196	20.322	ug/l	99
3) Chloromethane	2.21	50	71705	21.566	ug/l	98
4) Vinyl Chloride	2.35	62	68744	20.619	ug/l	94
5) Bromomethane	2.76	94	54198	22.870	ug/l	95
6) Chloroethane	2.92	64	43349	21.350	ug/l	95
7) Trichlorofluoromethane	3.27	101	138405	18.685	ug/l	92
8) Diethyl Ether	3.71	74	39309	21.401	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	79221	18.922	ug/l	100
10) Methyl Iodide	4.30	142	78364	19.264	ug/l	97
11) Tert butyl alcohol	5.21	59	31843	107.394	ug/l #	92
12) 1,1-Dichloroethene	4.07	96	75704	19.235	ug/l	99
13) Acrolein	3.92	56	24560	91.208	ug/l	92
14) Allyl chloride	4.71	41	102184	19.986	ug/l	98
15) Acrylonitrile	5.43	53	72035	106.555	ug/l	96
16) Acetone	4.16	43	60322	98.264	ug/l	95
17) Carbon Disulfide	4.41	76	245535	20.328	ug/l	99
18) Methyl Acetate	4.71	43	35154	22.785	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	146561	20.399	ug/l	96
20) Methylene Chloride	4.97	84	130309	26.493	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	94845	21.175	ug/l	97
22) Diisopropyl ether	6.37	45	203323	21.782	ug/l	95
23) Vinyl Acetate	6.31	43	536841	101.493	ug/l	97
24) 1,1-Dichloroethane	6.27	63	153641	21.328	ug/l	97
25) 2-Butanone	7.21	43	87433	100.459	ug/l	98
26) 2,2-Dichloropropane	7.20	77	123959	17.437	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	101684	21.257	ug/l	99
28) Bromochloromethane	7.54	49	58839	21.150	ug/l	99
29) Tetrahydrofuran	7.56	42	51477	102.865	ug/l	98
30) Chloroform	7.71	83	167803	21.473	ug/l	98
31) Cyclohexane	7.98	56	106690	17.666	ug/l #	90
32) 1,1,1-Trichloroethane	7.90	97	146777	20.267	ug/l	98
36) 1,1-Dichloropropene	8.11	75	120923	18.782	ug/l	99
37) Ethyl Acetate	7.29	43	42907	19.237	ug/l #	78
38) Carbon Tetrachloride	8.10	117	130580	18.745	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	116609	17.131	ug/l	98
40) Benzene	8.35	78	364329	20.373	ug/l	99
41) Methacrylonitrile	7.53	41	28200	23.403	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	102678	20.548	ug/l	97
43) Isopropyl Acetate	8.44	43	80839	19.674	ug/l	99
44) Trichloroethene	9.11	130	103348	19.353	ug/l	99
45) 1,2-Dichloropropane	9.38	63	86642	20.620	ug/l	90
46) Dibromomethane	9.47	93	49293	20.411	ug/l	97
47) Bromodichloromethane	9.66	83	128173	20.417	ug/l	99
48) Methyl methacrylate	9.45	41	38139	18.118	ug/l	85
49) 1,4-Dioxane	9.46	88	9492	376.594	ug/l #	93
51) 4-Methyl-2-Pentanone	10.23	43	197031	96.270	ug/l	99
52) Toluene	10.40	92	240676	20.893	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	110998	19.784	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	134795	19.675	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	68016	20.257	ug/l	92
56) Ethyl methacrylate	10.66	69	69798	20.135	ug/l	98
57) 1,3-Dichloropropane	10.94	76	112676	20.695	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	198498	102.881	ug/l	99
59) 2-Hexanone	10.98	43	131591	96.332	ug/l	98
60) Dibromochloromethane	11.14	129	91602	20.469	ug/l	96
61) 1,2-Dibromoethane	11.24	107	65847	20.413	ug/l	99
64) Tetrachloroethene	10.87	164	88140	18.781	ug/l	96
65) Chlorobenzene	11.67	112	256352	19.967	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	96598	19.779	ug/l	99
67) Ethyl Benzene	11.74	91	430947	19.590	ug/l	100
68) m/p-Xylenes	11.86	106	339353	39.584	ug/l	100
69) o-Xylene	12.18	106	151305	19.736	ug/l	97
70) Styrene	12.20	104	265698	20.183	ug/l	100
71) Bromoform	12.36	173	49370	19.475	ug/l #	98
73) Isopropylbenzene	12.48	105	408063	19.560	ug/l	100
74) N-amyl acetate	12.29	43	70933	18.914	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	69140	19.670	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	45039m	16.830	ug/l	
77) Bromobenzene	12.76	156	104785	20.801	ug/l	97
78) n-propylbenzene	12.82	91	475585	19.289	ug/l	99
79) 2-Chlorotoluene	12.91	91	284585	20.174	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	352642	20.007	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	19669	18.324	ug/l	100
82) 4-Chlorotoluene	13.01	91	298073	19.860	ug/l	98
83) tert-Butylbenzene	13.23	119	282946	19.063	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	356789	20.283	ug/l	98
85) sec-Butylbenzene	13.40	105	405277	19.389	ug/l	98
86) p-Isopropyltoluene	13.52	119	362822	18.723	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	193437	19.714	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	192916	19.663	ug/l	98
89) n-Butylbenzene	13.85	91	317528	17.929	ug/l	100
90) Hexachloroethane	14.11	117	63093	18.587	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	169016	19.724	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10745	18.964	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	100361	18.106	ug/l	100
94) Hexachlorobutadiene	15.27	225	60750	17.846	ug/l	99
95) Naphthalene	15.41	128	167459	18.113	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	93461	19.424	ug/l	98

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

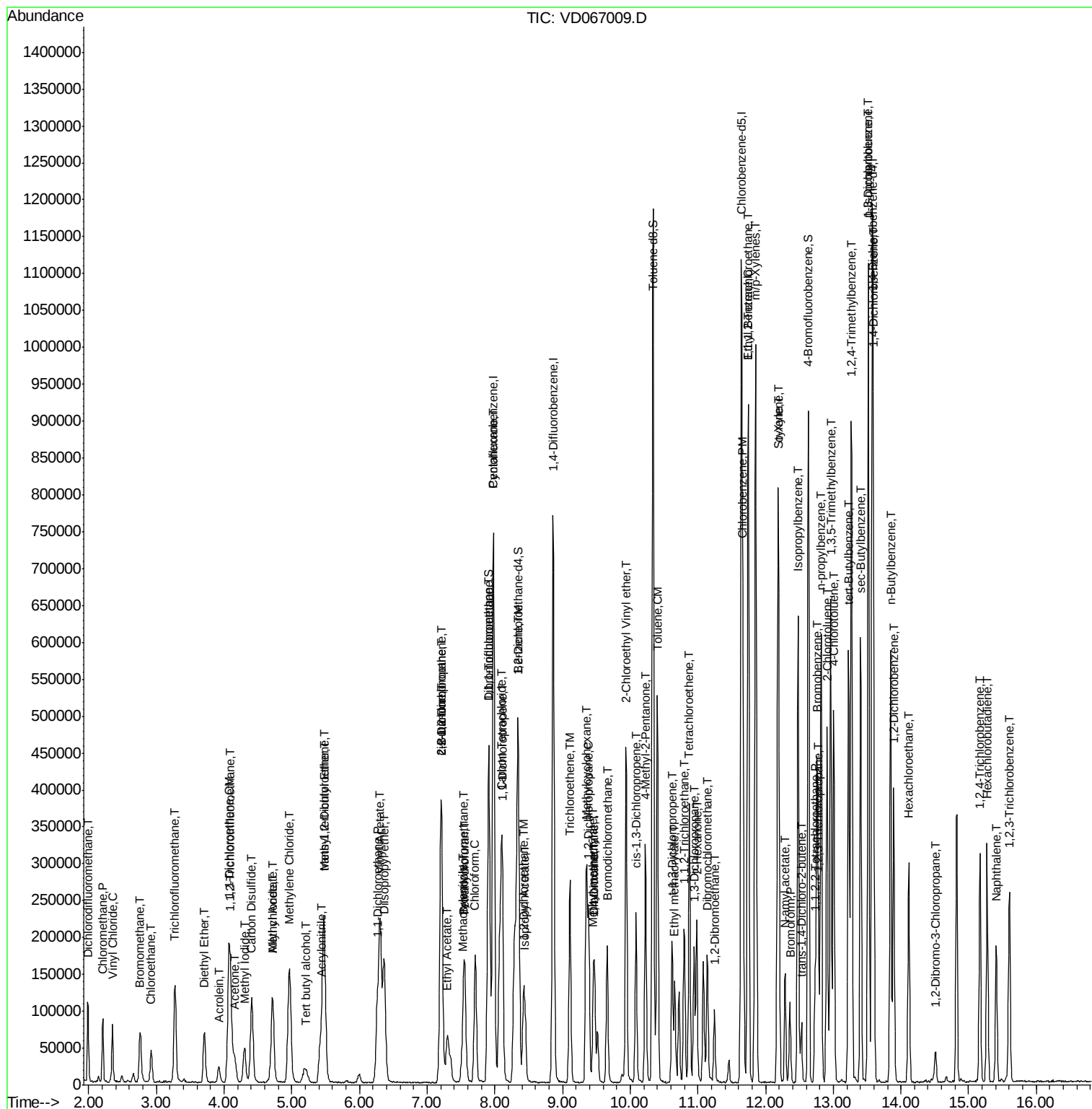
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Data File : VD067009.D
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Operator : VA/SY
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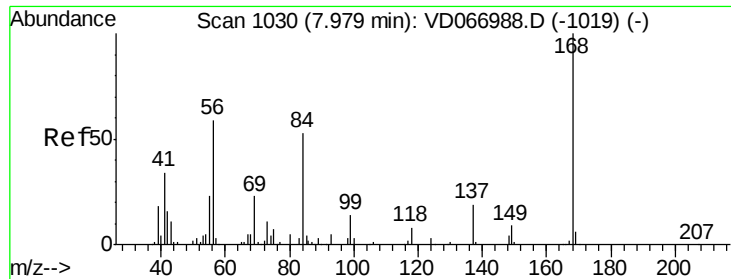
Instrument :
MSVOA_D
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Instrument :

MSVOA_D

ClientSampleId :

VD1001SBS02

Tot Ion:168 Resp: 417510

Ion Ratio Lower Upper

168 100

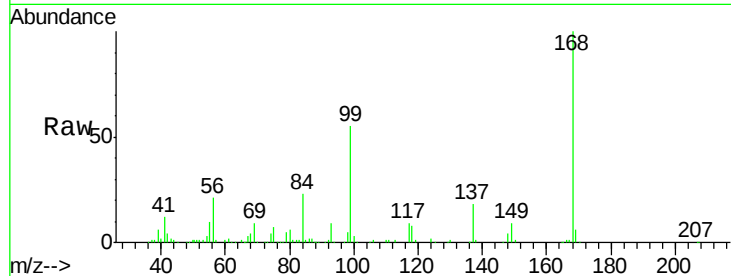
99 54.6 44.1 66.1

Manual Integrations

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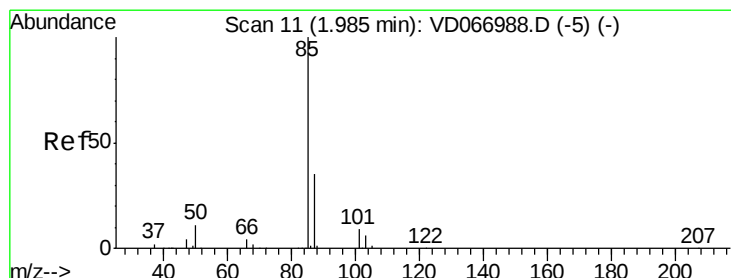
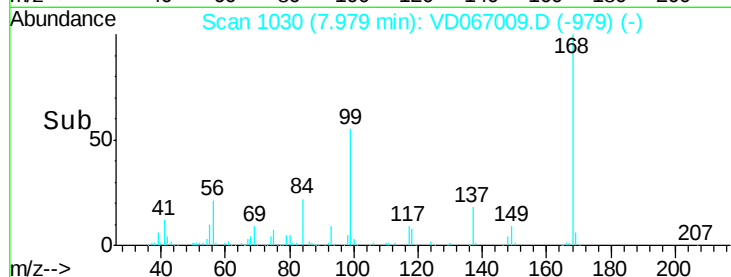
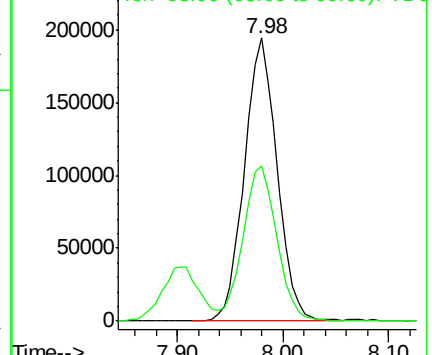
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 20.322 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067009.D

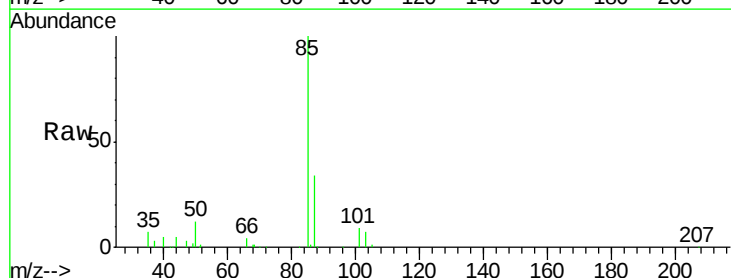
Acq: 02 Oct 2020 00:08

Tgt Ion: 85 Resp: 78196

Ion Ratio Lower Upper

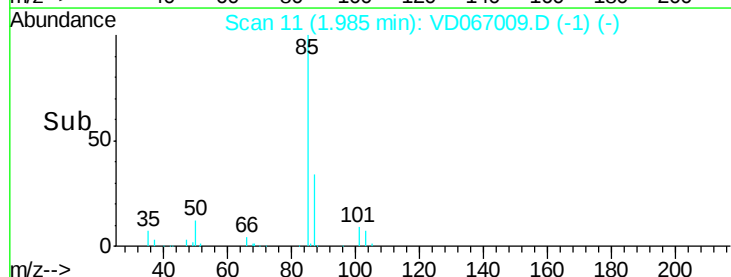
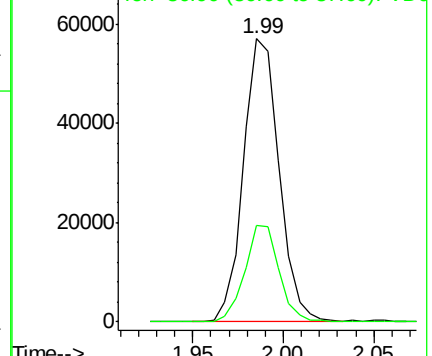
85 100

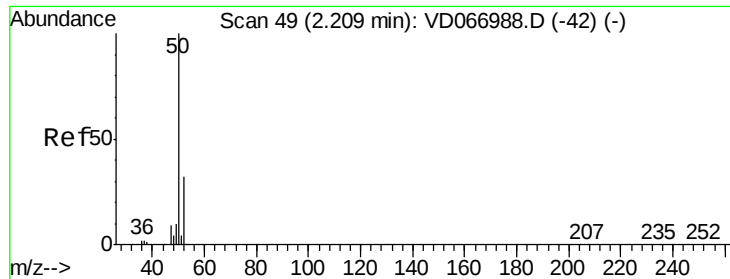
87 34.1 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 21.566 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Instrument :

MSVOA_D

ClientSampleId :

VD1001SBS02

Tot Ion: 50 Resp: 71705

Ion Ratio Lower Upper

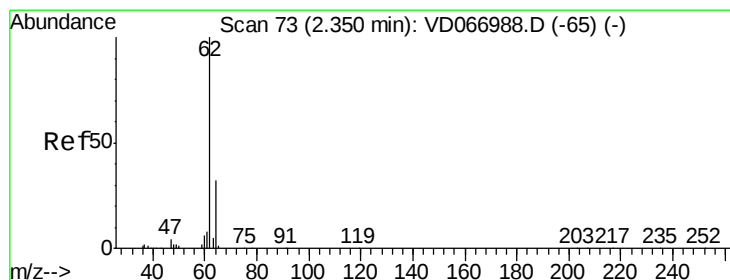
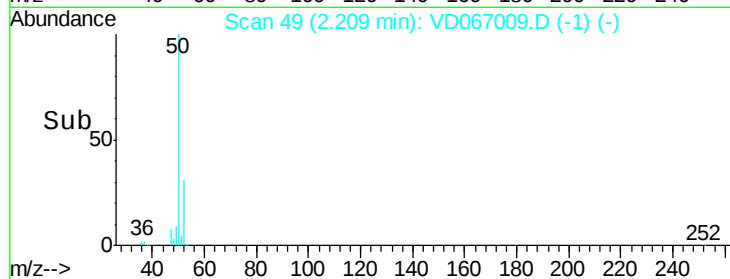
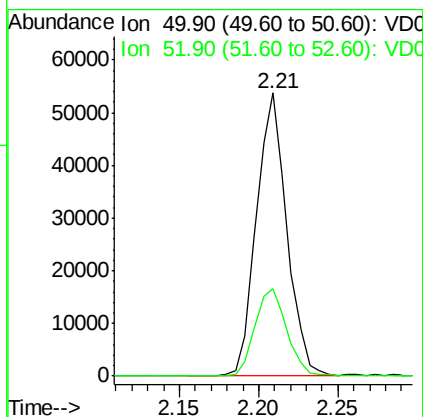
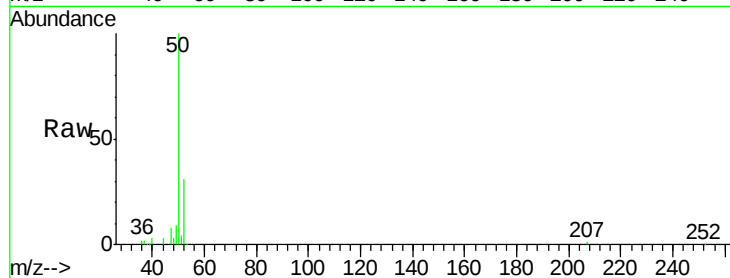
50 100

52 30.8 25.3 37.9

Manual Integrations
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#4

Vinyl Chloride

Concen: 20.619 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067009.D

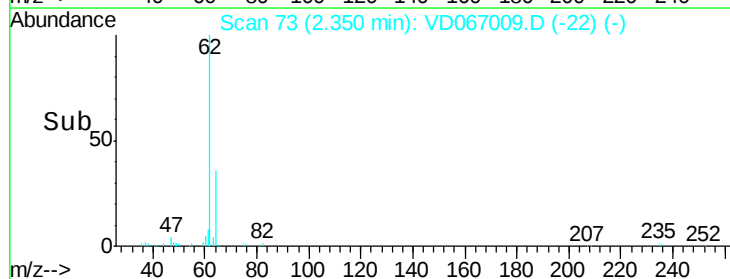
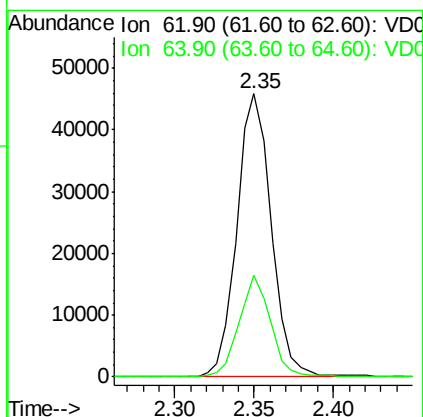
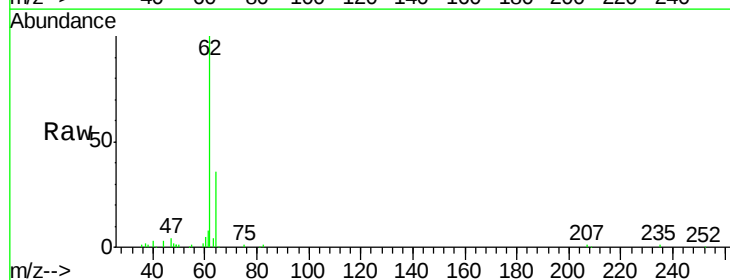
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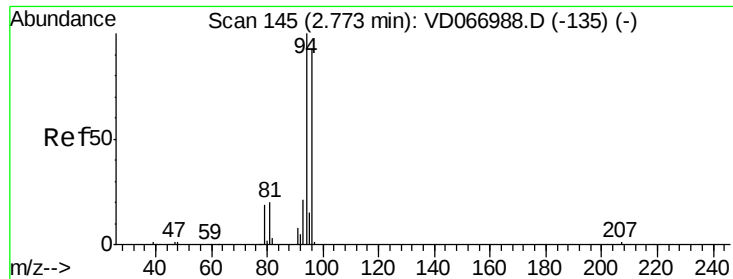
Tgt Ion: 62 Resp: 68744

Ion Ratio Lower Upper

62 100

64 35.9 25.8 38.8





#5

Bromomethane

Concen: 22.870 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Instrument :

MSVOA_D

ClientSampleId :

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Tot Ion: 94 Resp: 54198

Ion Ratio Lower Upper

94 100

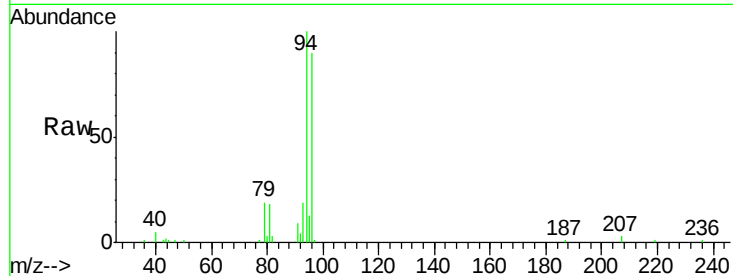
96 88.8 74.6 112.0

Manual Integrations

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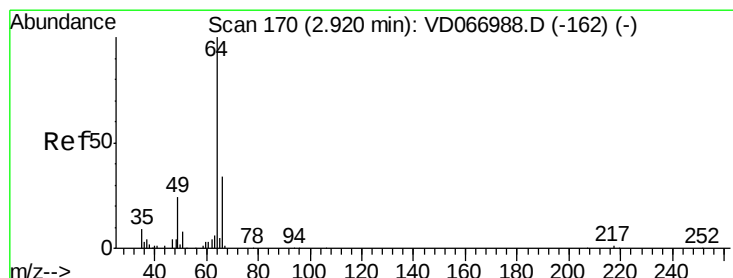
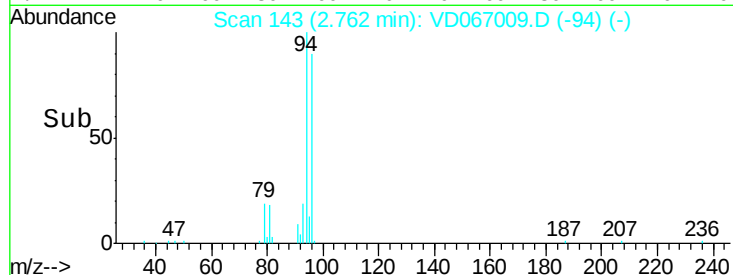
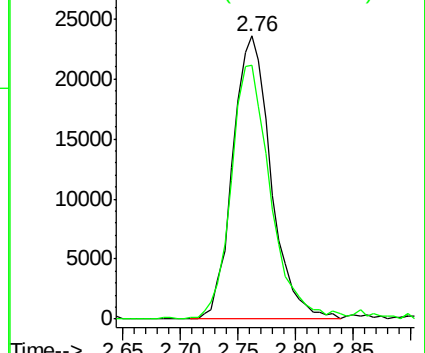
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 21.350 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067009.D

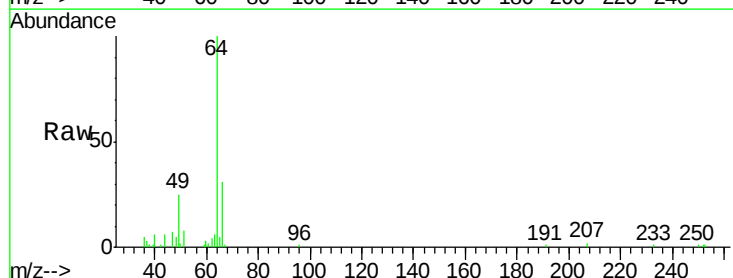
Acq: 02 Oct 2020 00:08

Tgt Ion: 64 Resp: 43349

Ion Ratio Lower Upper

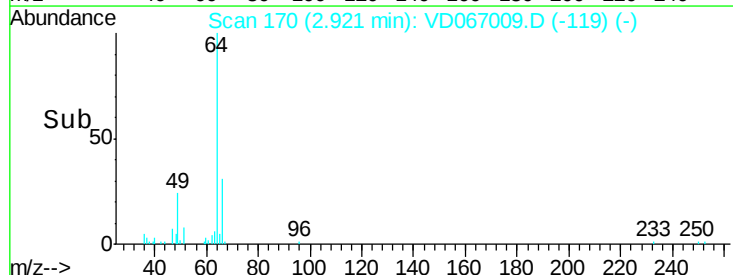
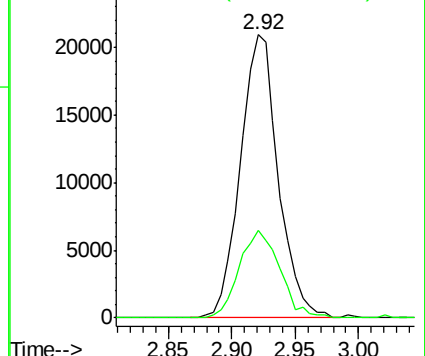
64 100

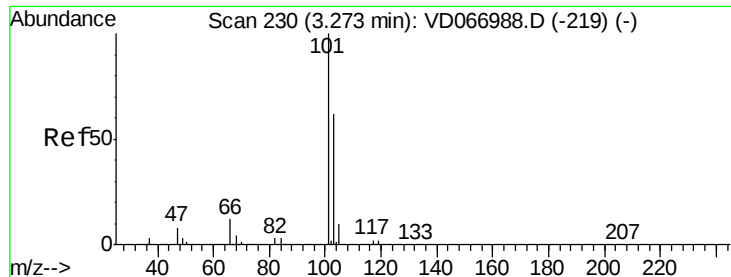
66 30.9 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

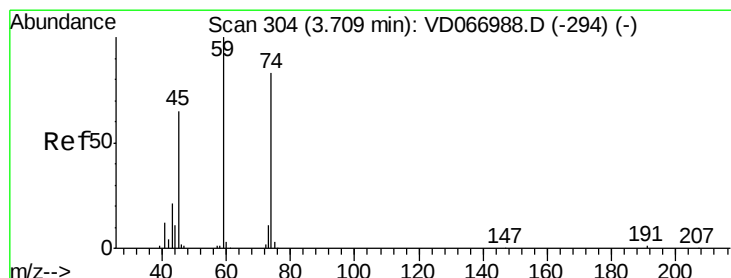
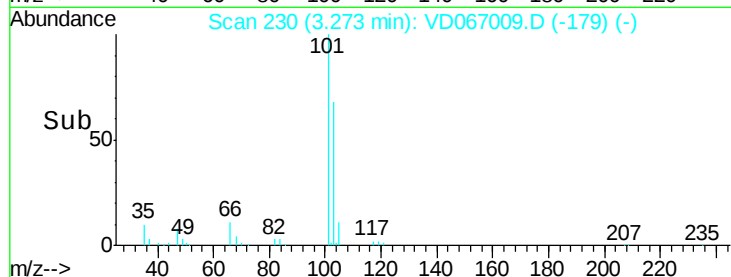
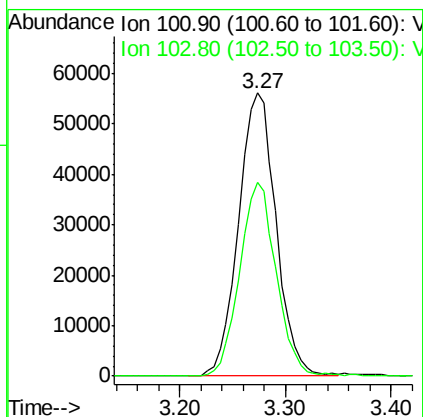
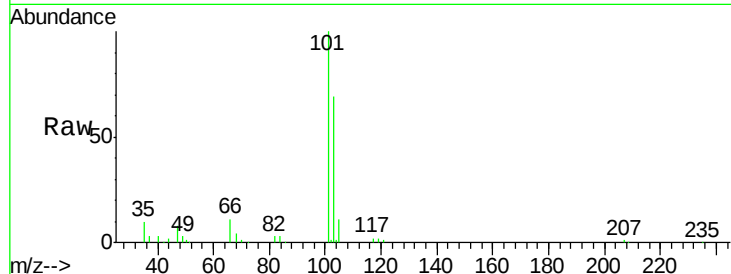
Trichlorofluoromethane
Concen: 18.685 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Instrument :
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VD1001SBS02

Tot Ion	Ratio	Resp	Lower	Upper
101	100	138405		
103	68.5	49.8	74.8	

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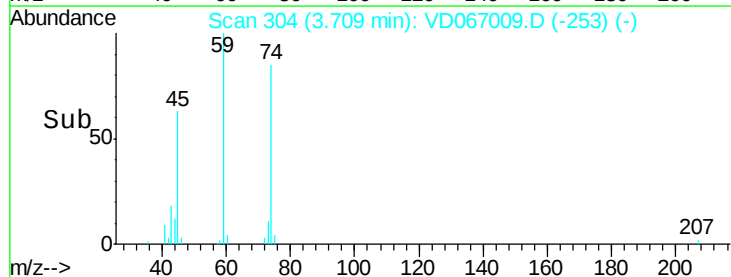
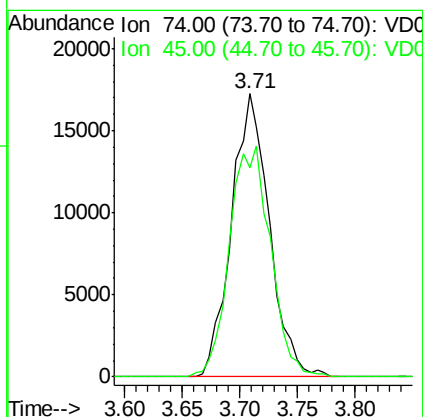
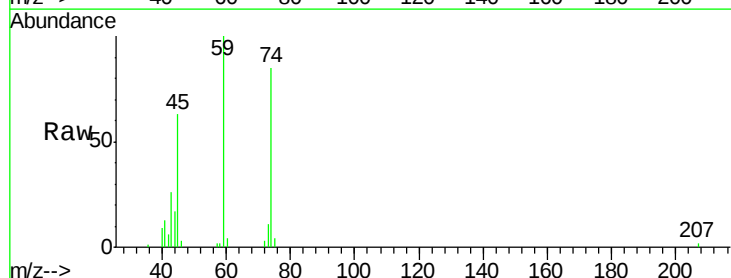
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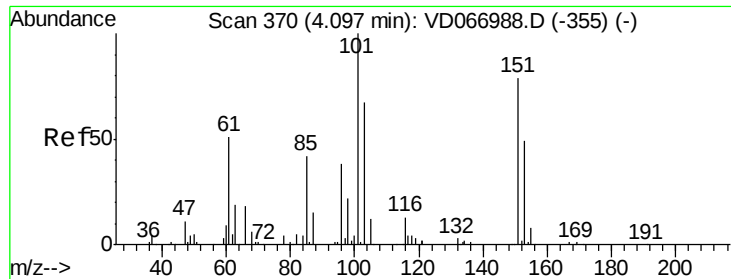


#8

Diethyl Ether
Concen: 21.401 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	39309		
45	88.2	43.1	129.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.922 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Instrument :

MSVOA_D

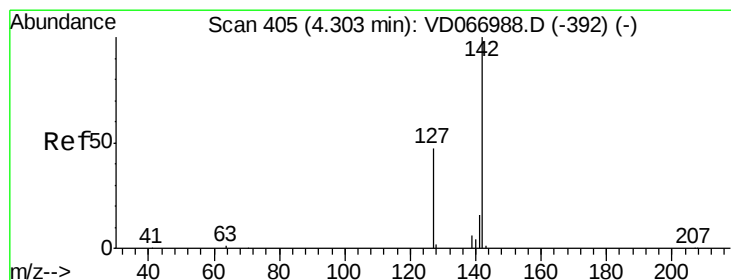
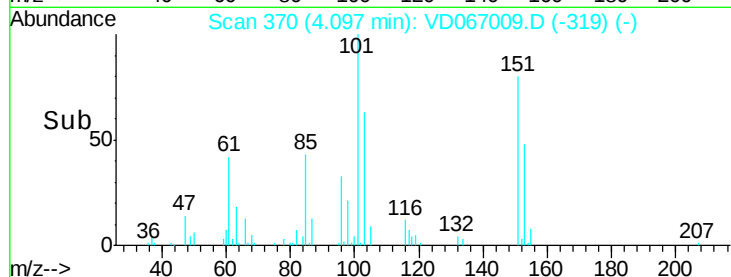
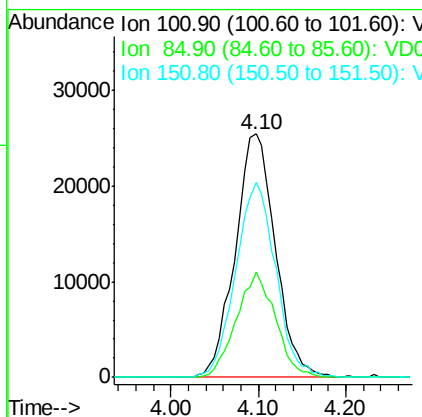
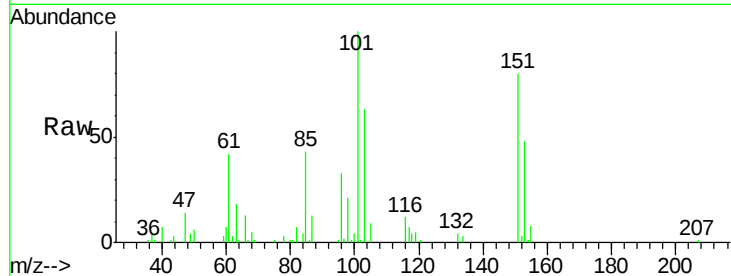
ClientSampleId :

VD1001SBS02

Tot Ion:	101	Resp:	79221
Ion Ratio	Lower	Upper	
101	100		
85	42.2	33.8	50.8
151	80.1	63.8	95.8

Manual Integrations
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MMDadoda
10/2/2020 3:13:39 PM



#10

Methyl Iodide

Concen: 19.264 ug/l

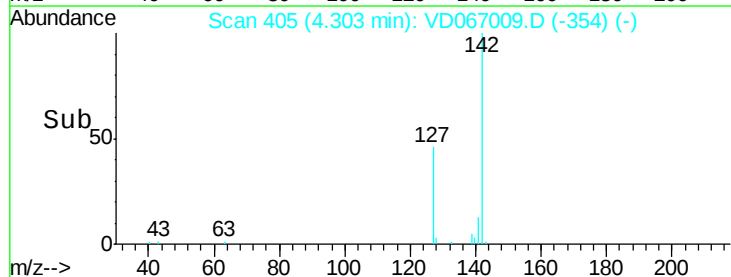
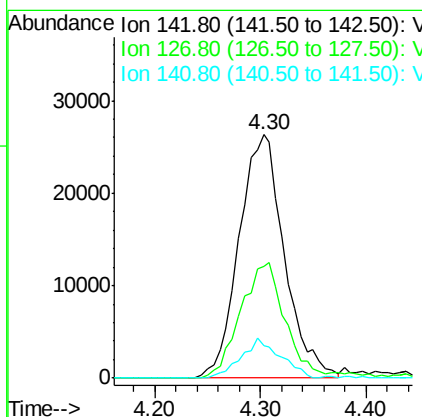
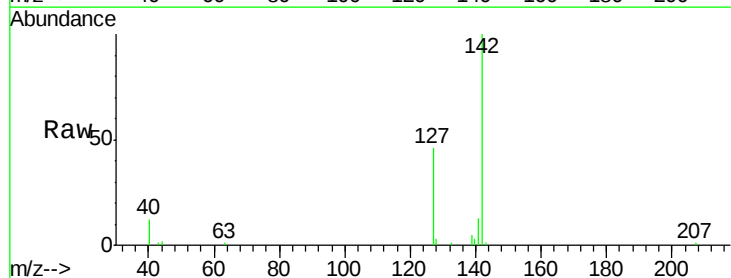
RT: 4.30 min Scan# 405

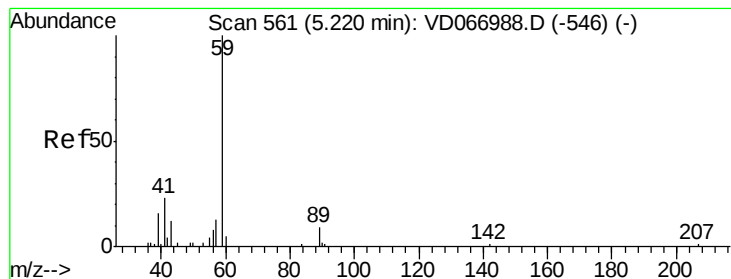
Delta R.T. 0.00 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Tgt Ion:	142	Resp:	78364
Ion Ratio	Lower	Upper	
142	100		
127	47.6	36.3	54.5
141	14.0	12.0	18.0





#11

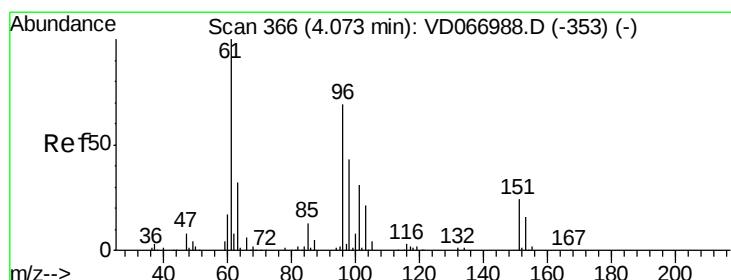
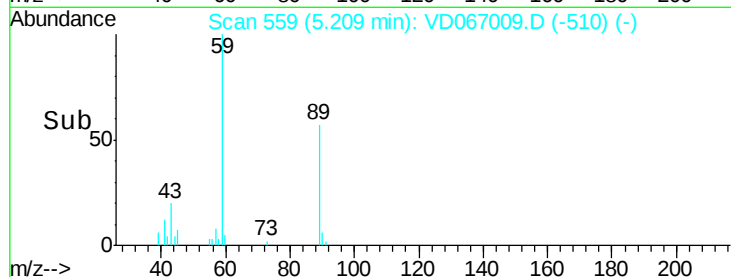
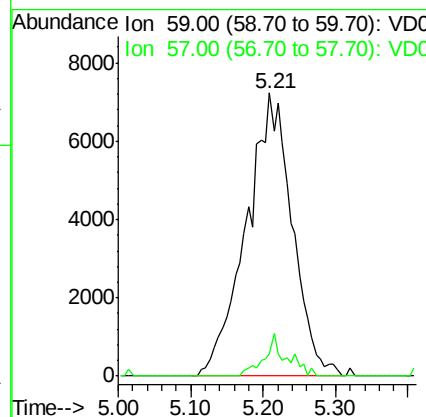
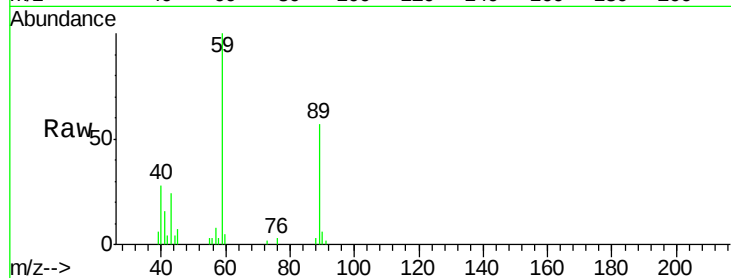
Tert butyl alcohol
 Concen: 107.394 ug/l
 RT: 5.21 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: VD067009.D
 Acq: 02 Oct 2020 00:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1001SBS02

Tot Ion: 59 Resp: 31843
 Ion Ratio Lower Upper
 59 100
 57 7.2 8.2 12.4#

Manual Integrations
 APPROVED

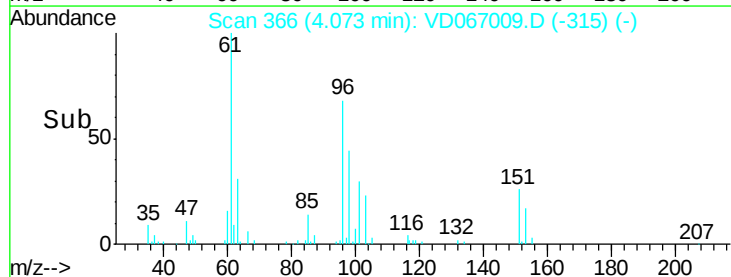
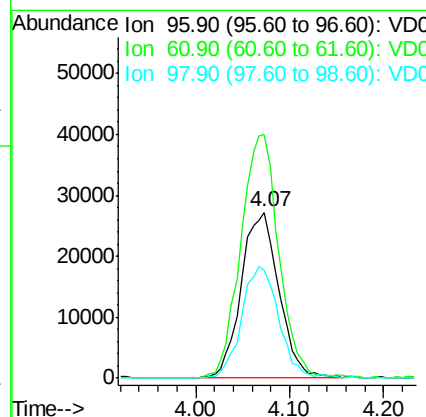
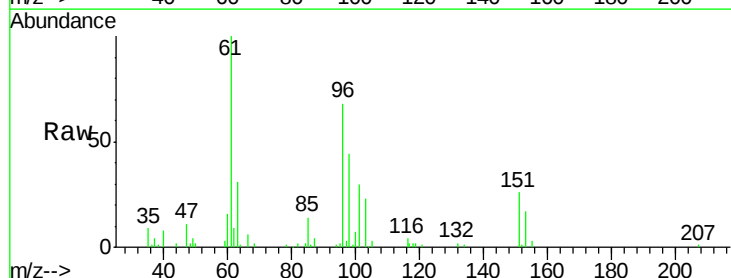
MMDadoda
 10/2/2020 3:13:39 PM

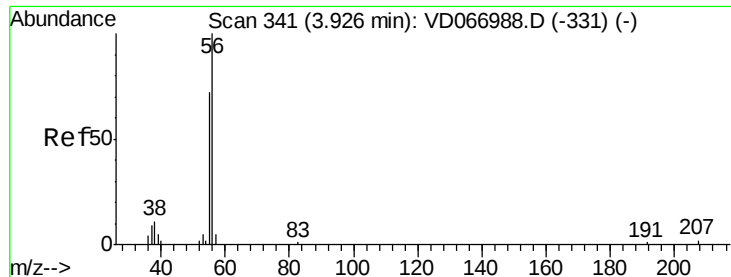


#12

1,1-Dichloroethene
 Concen: 19.235 ug/l
 RT: 4.07 min Scan# 366
 Delta R.T. 0.00 min
 Lab File: VD067009.D
 Acq: 02 Oct 2020 00:08

Tgt Ion: 96 Resp: 75704
 Ion Ratio Lower Upper
 96 100
 61 146.5 116.4 174.6
 98 64.6 49.9 74.9





#13

Acrolein

Concen: 91.208 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Instrument :

MSVOA_D

ClientSampleId :

VD1001SBS02

Tot Ion: 56 Resp: 24560

Ion Ratio Lower Upper

56 100

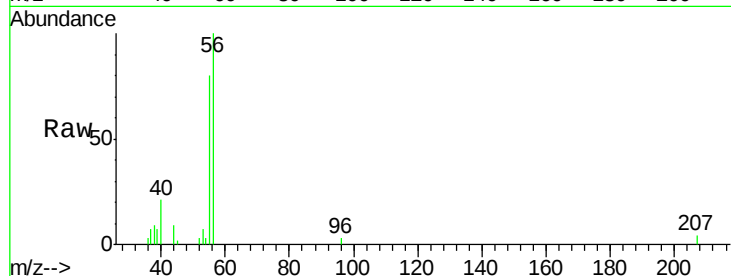
55 77.8 56.9 85.3

Manual Integrations

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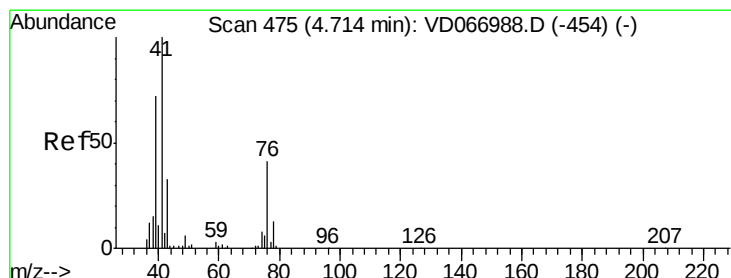
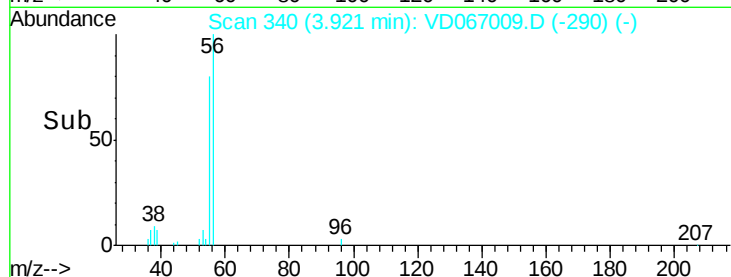
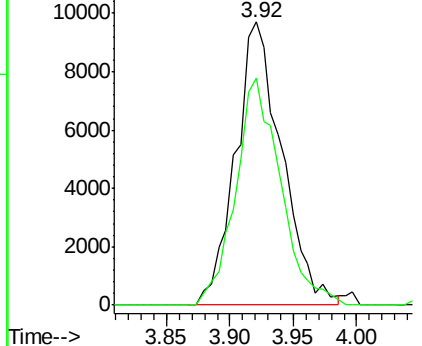
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 19.986 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

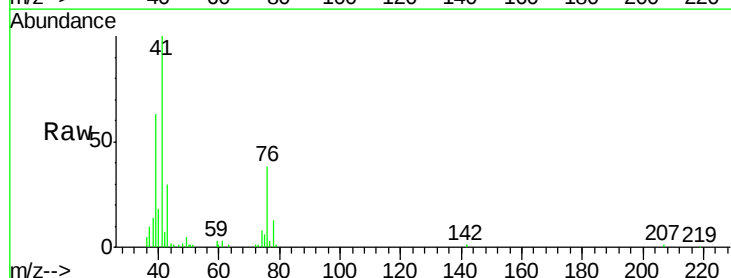
Tgt Ion: 41 Resp: 102184

Ion Ratio Lower Upper

41 100

39 67.9 56.2 84.2

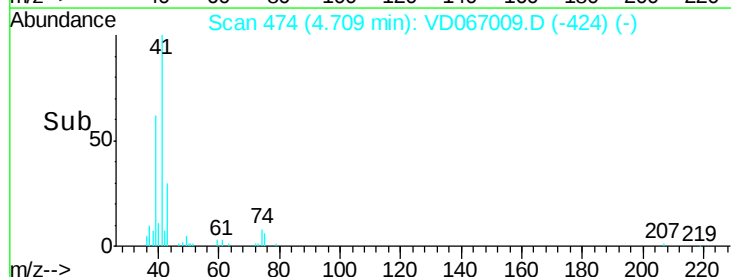
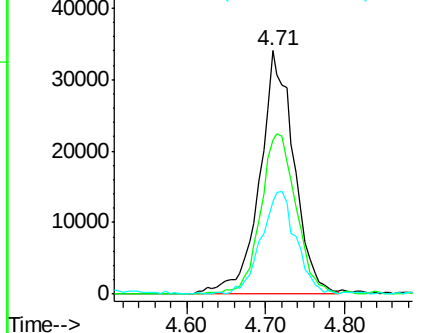
76 42.9 34.2 51.2

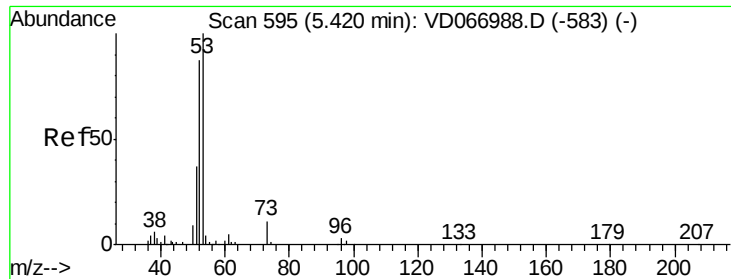


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 106.555 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Instrument :

MSVOA_D

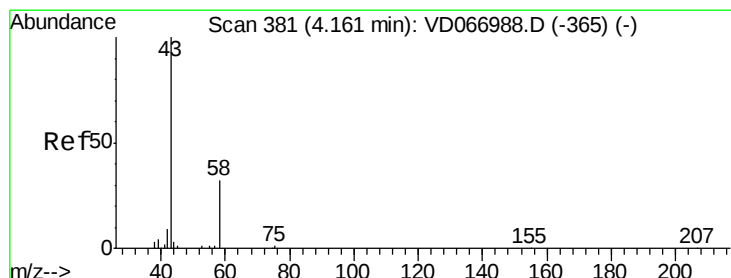
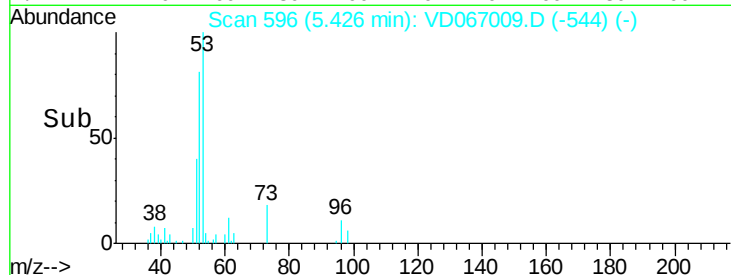
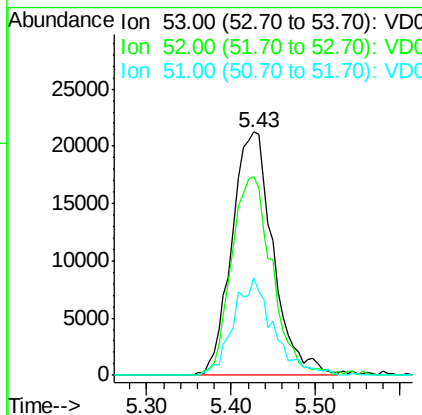
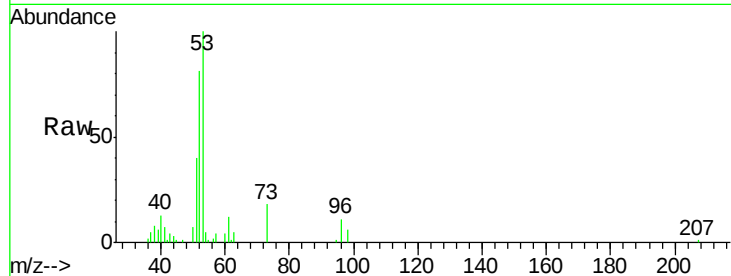
ClientSampleId :

VD1001SBS02

Tot Ion:	53	Resp:	72035
Ion	Ratio	Lower	Upper
53	100		
52	79.8	67.3	100.9
51	38.6	30.2	45.2

Manual Integrations
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MMDadoda
10/2/2020 3:13:39 PM



#16

Acetone

Concen: 98.264 ug/l

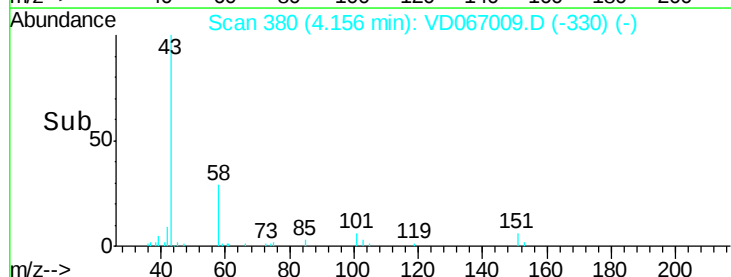
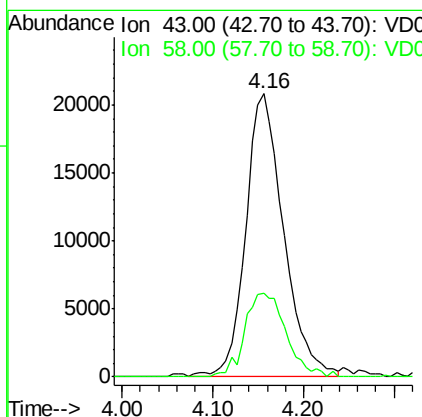
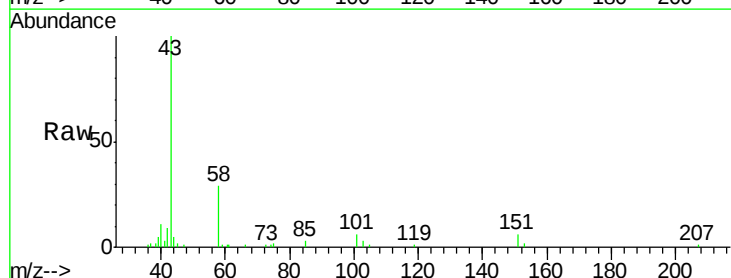
RT: 4.16 min Scan# 380

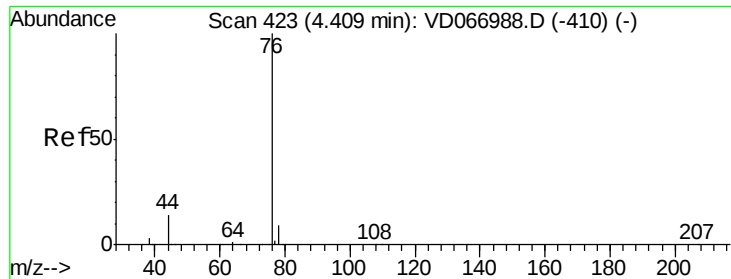
Delta R.T. -0.01 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Tgt Ion:	43	Resp:	60322
Ion	Ratio	Lower	Upper
43	100		
58	29.5	25.9	38.9





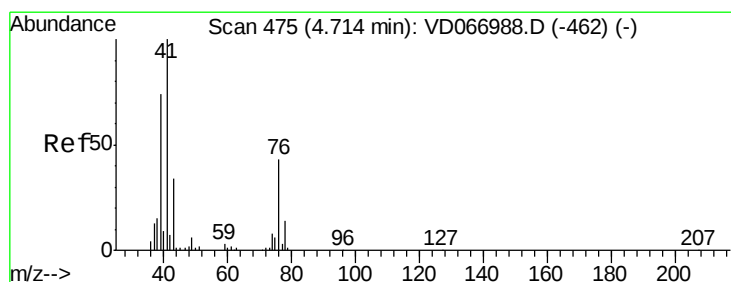
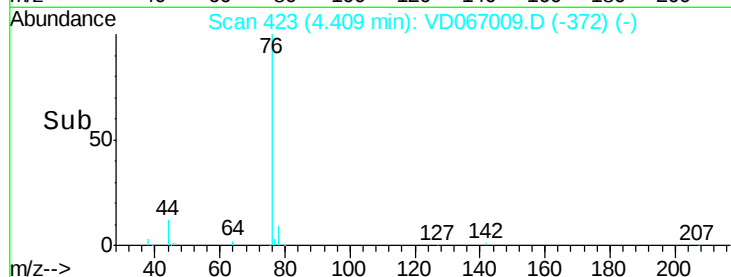
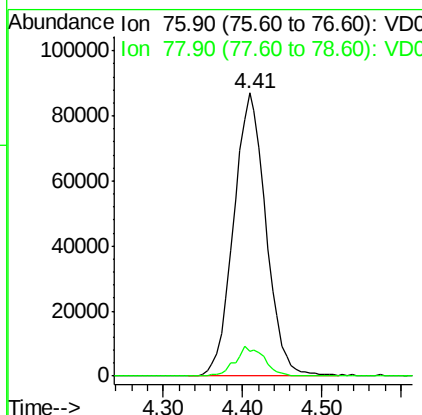
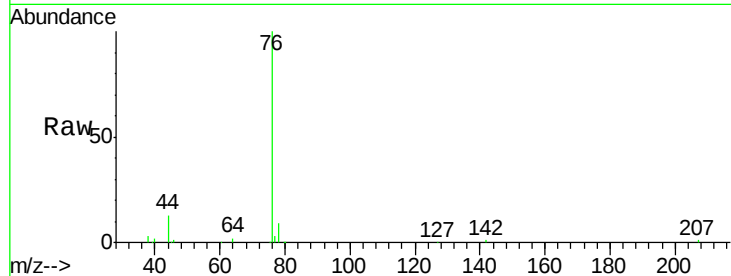
#17
Carbon Disulfide
Concen: 20.328 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Instrument :
MSVOA_D
ClientSampleId :
VD1001SBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.5	11.3

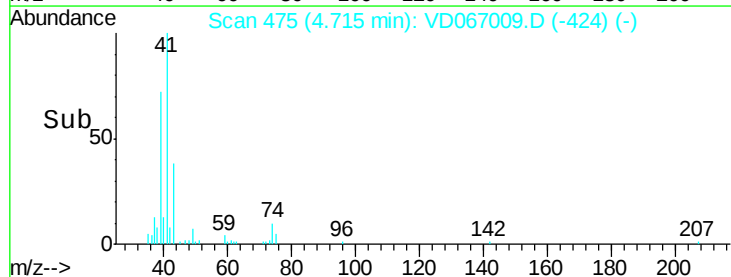
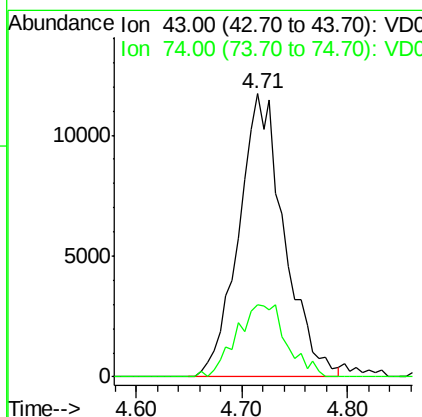
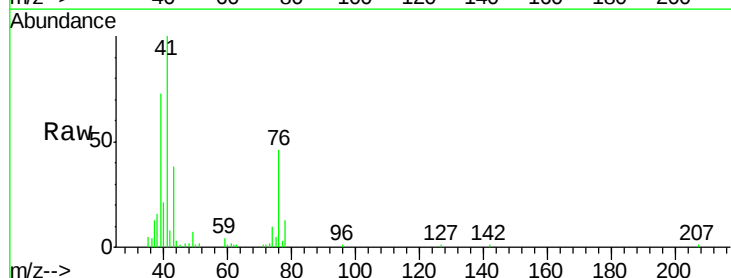
Manual Integrations
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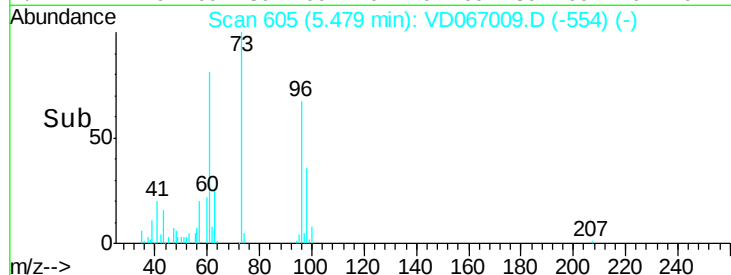
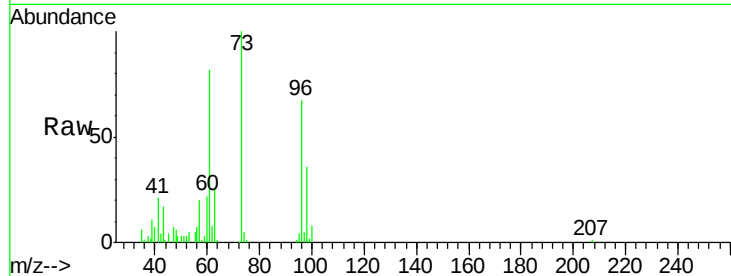
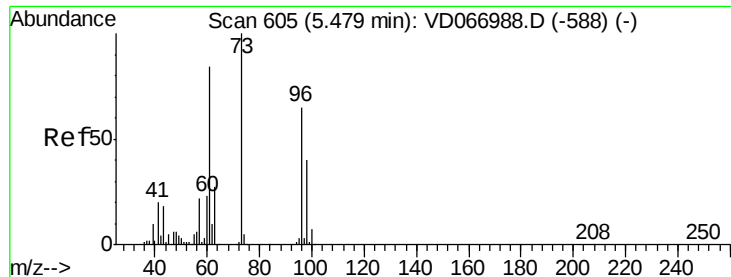
MMDadoda
10/2/2020 3:13:39 PM



#18
Methyl Acetate
Concen: 22.785 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.0	21.5	32.3





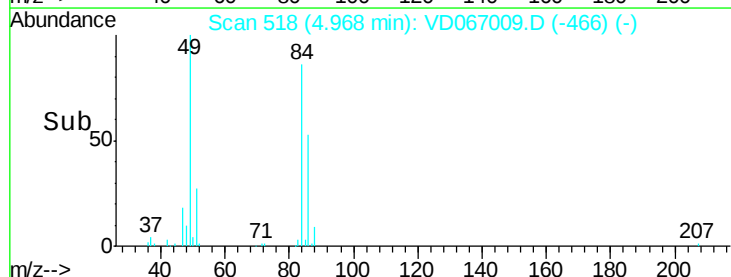
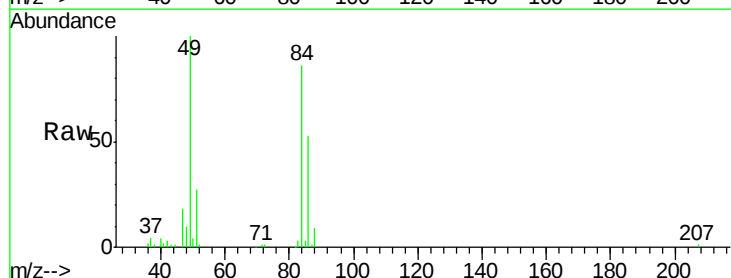
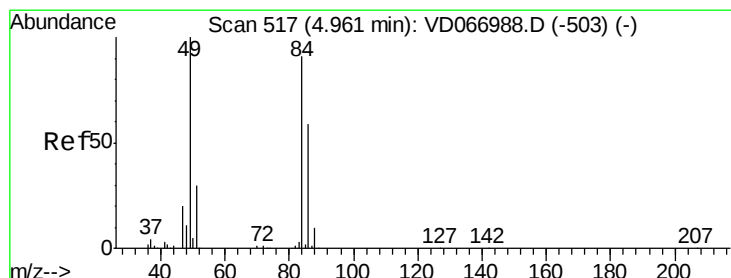
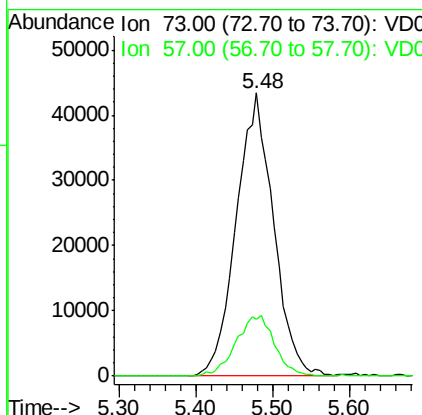
#19
Methyl tert-butyl Ether
Concen: 20.399 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Tot Ion: 73 Resp: 146561
Ion Ratio Lower Upper
73 100
57 20.0 17.4 26.0

Instrument :
MSVOA_D
ClientSampleId :
VD1001SBS02

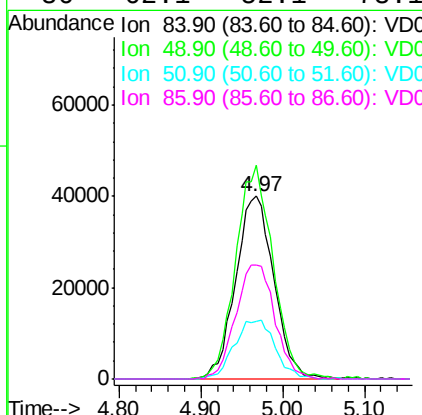
Manual Integrations
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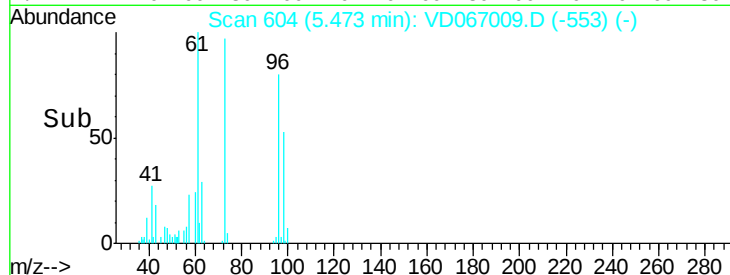
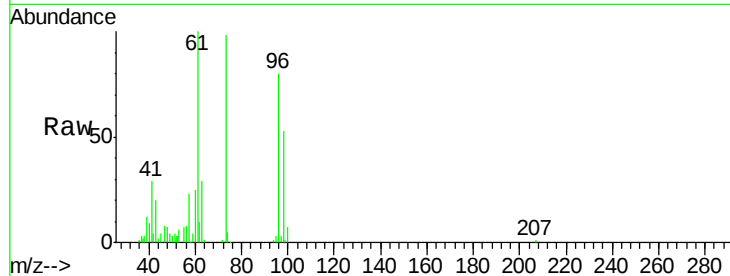
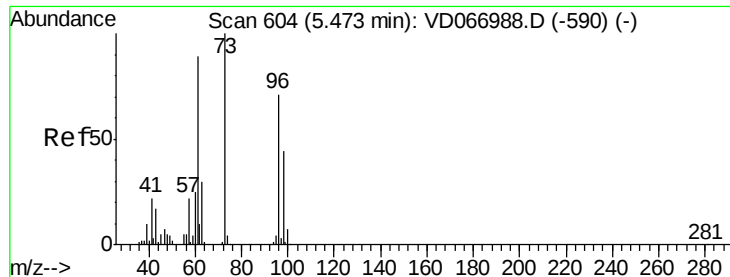
MMDadoda
10/2/2020 3:13:39 PM



#20
Methylene Chloride
Concen: 26.493 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Tgt Ion: 84 Resp: 130309
Ion Ratio Lower Upper
84 100
49 116.8 88.2 132.2
51 31.7 26.6 39.8
86 62.1 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 21.175 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067009.D

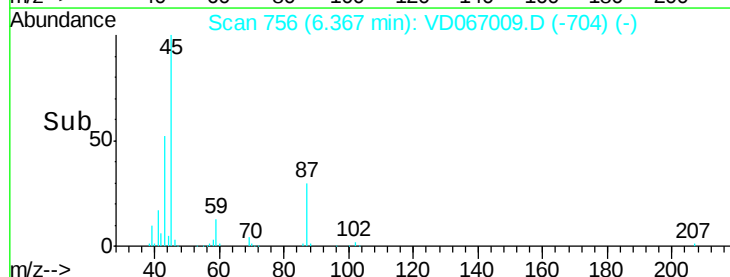
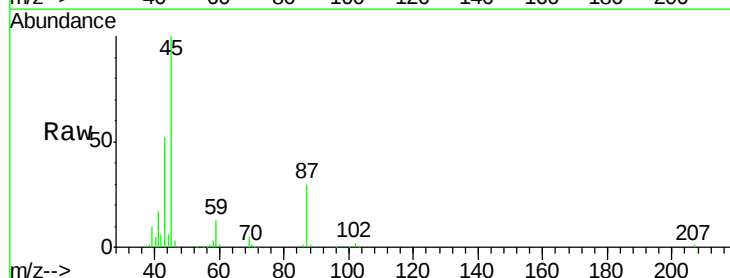
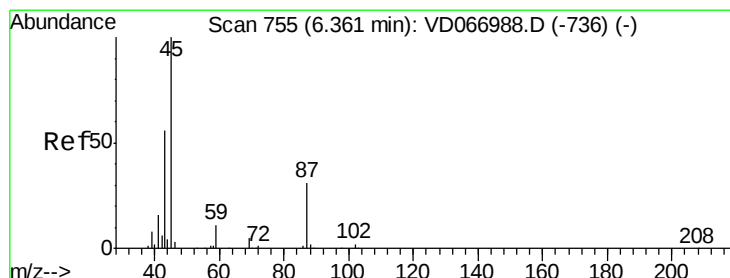
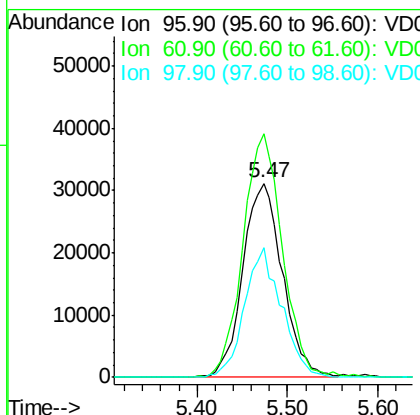
Acq: 02 Oct 2020 00:08

Tot Ion:	96	Resp:	94845
Ion	Ratio	Lower	Upper
96	100		
61	125.4	99.6	149.4
98	66.8	49.4	74.2

Instrument :
MSVOA_D
ClientSampleId :
VD1001SBS02

Manual Integrations
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MMDadoda
10/2/2020 3:13:39 PM



#22

Diisopropyl ether

Concen: 21.782 ug/l

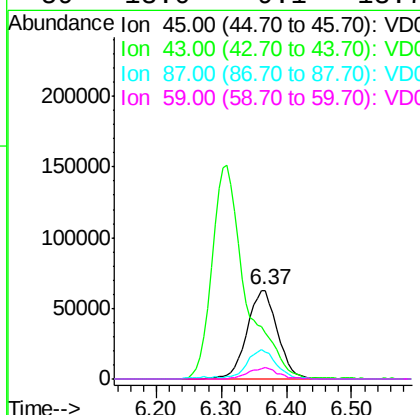
RT: 6.37 min Scan# 756

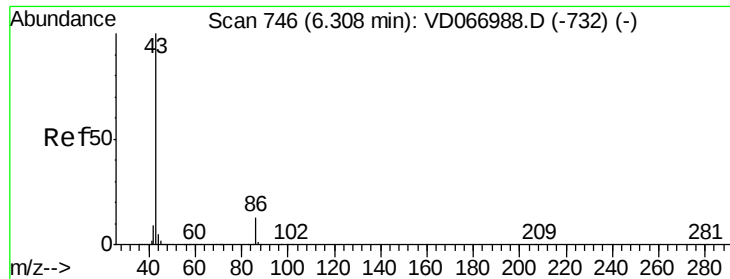
Delta R.T. 0.01 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Tgt Ion:	45	Resp:	203323
Ion	Ratio	Lower	Upper
45	100		
43	51.4	45.2	67.8
87	30.3	25.6	38.4
59	13.0	9.1	13.7





#23

Vinyl Acetate

Concen: 101.493 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Instrument :

MSVOA_D

ClientSampleId :

VD1001SBS02

Tot Ion: 43 Resp: 536841

Ion Ratio Lower Upper

43 100

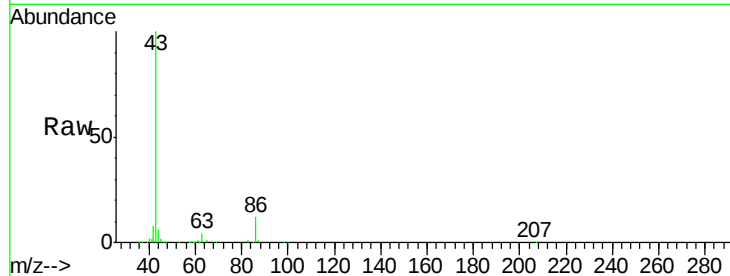
86 11.7 10.2 15.2

Manual Integrations

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MMDadoda

10/2/2020 3:13:39 PM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.31

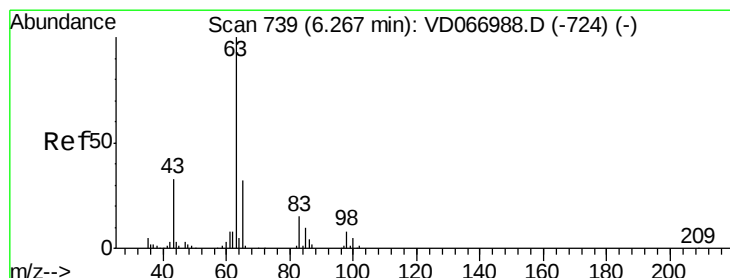
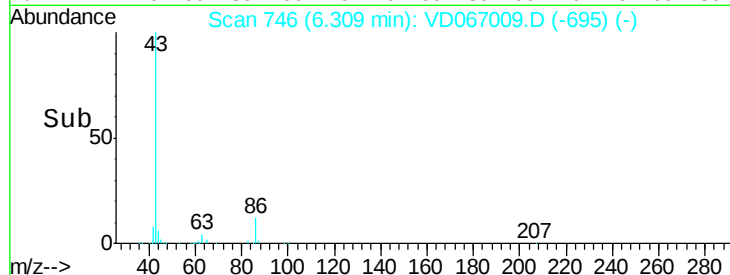
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.328 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

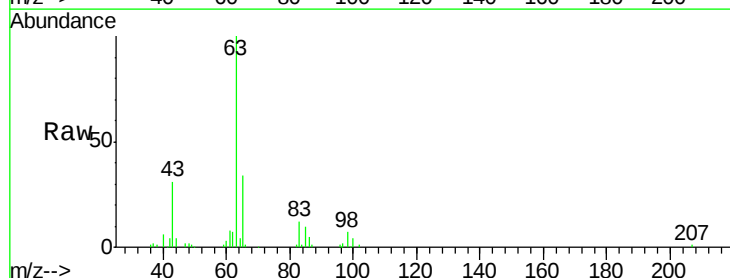
Tgt Ion: 63 Resp: 153641

Ion Ratio Lower Upper

63 100

98 7.0 4.2 12.6

100 4.5 2.6 7.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.27

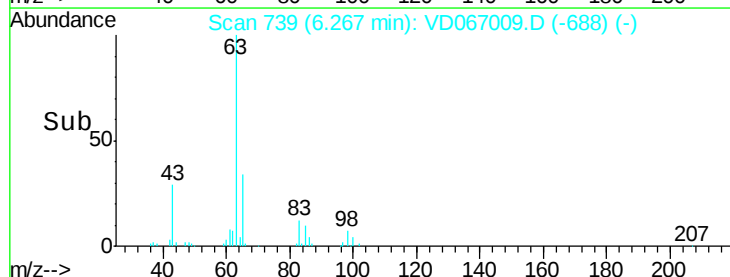
60000

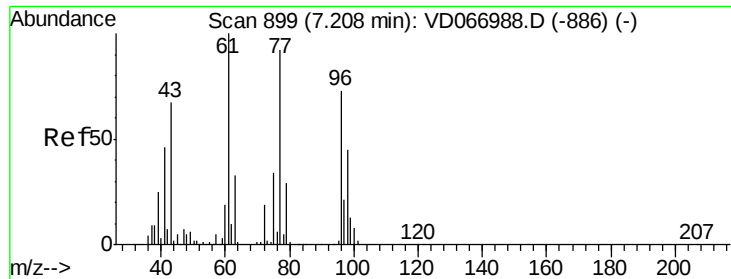
40000

20000

0

Time-->





#25

2-Butanone

Concen: 100.459 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Instrument :

MSVOA_D

ClientSampleId :

VD1001SBS02

Tot Ion: 43 Resp: 87433

Ion Ratio Lower Upper

43 100

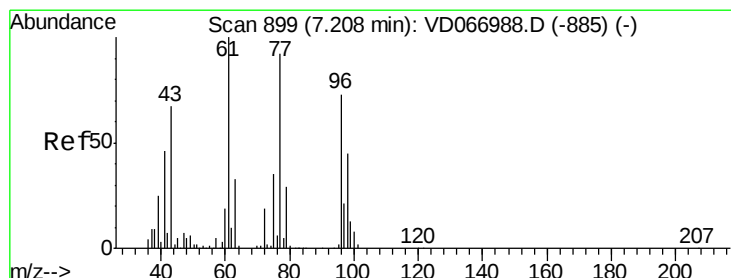
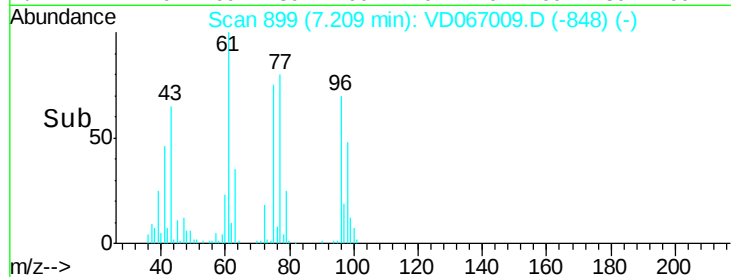
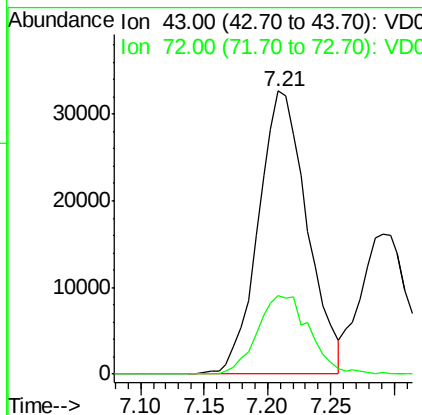
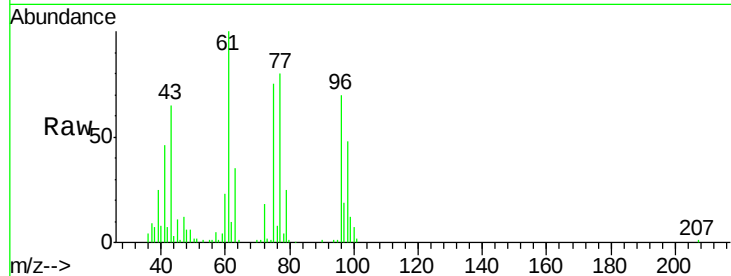
72 27.6 22.8 34.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.437 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD067009.D

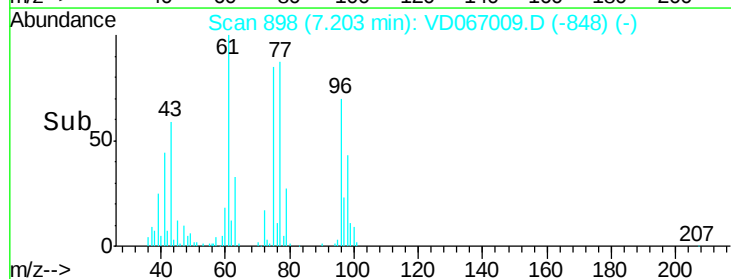
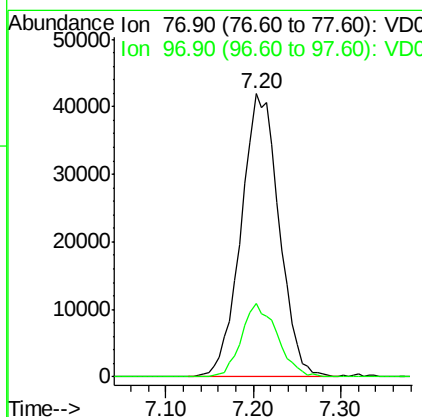
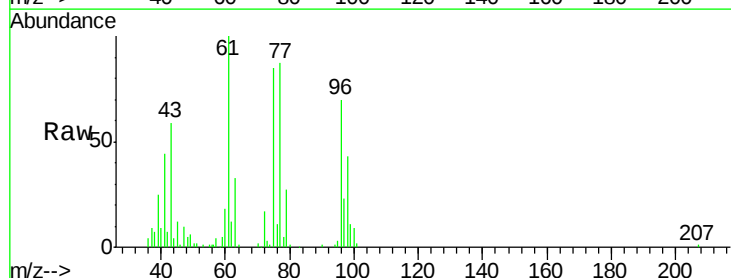
Acq: 02 Oct 2020 00:08

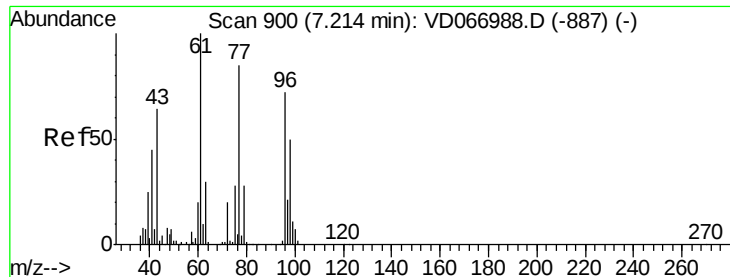
Tgt Ion: 77 Resp: 123959

Ion Ratio Lower Upper

77 100

97 24.3 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 21.257 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Instrument :

MSVOA_D

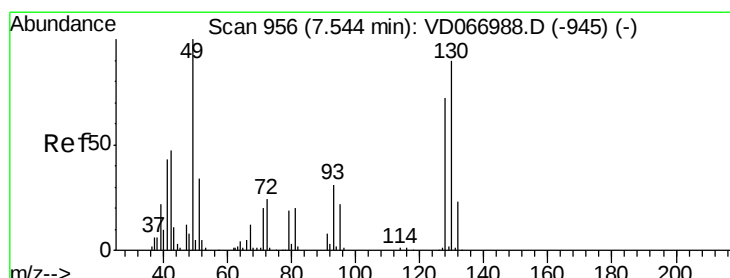
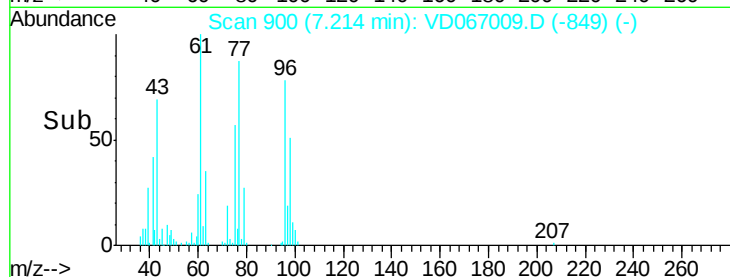
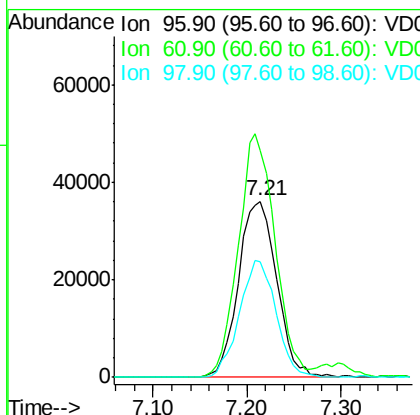
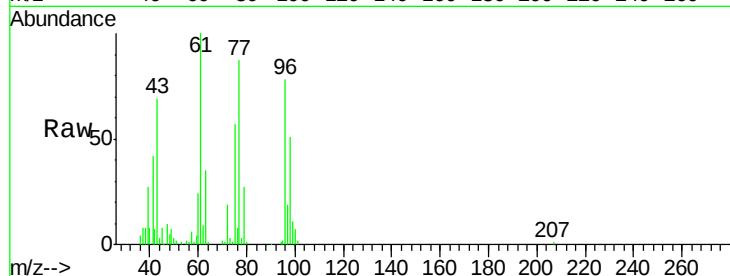
ClientSampleId :

VD1001SBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.1	0.0	269.2
98	63.7	0.0	129.4

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#28

Bromochloromethane

Concen: 21.150 ug/l

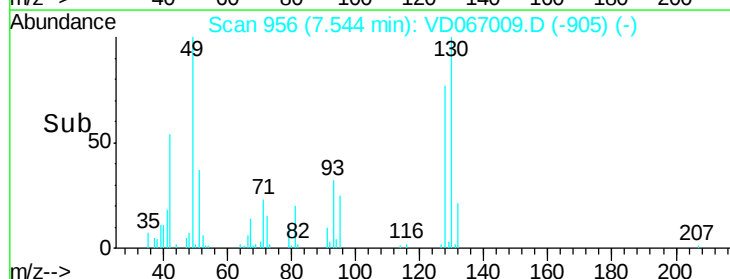
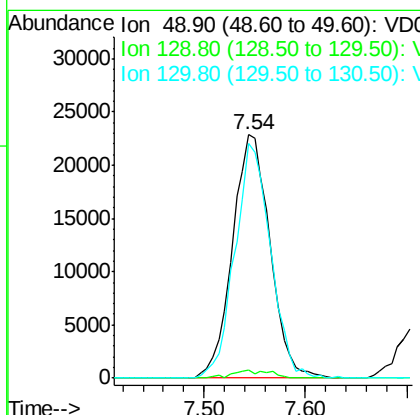
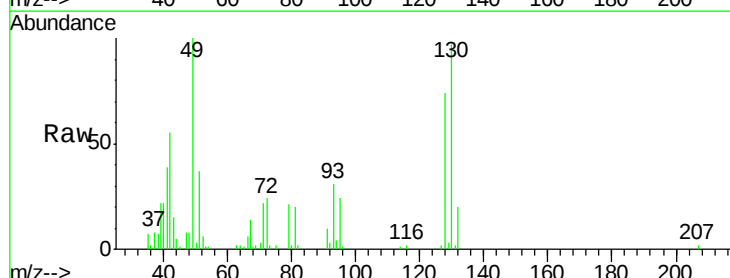
RT: 7.54 min Scan# 956

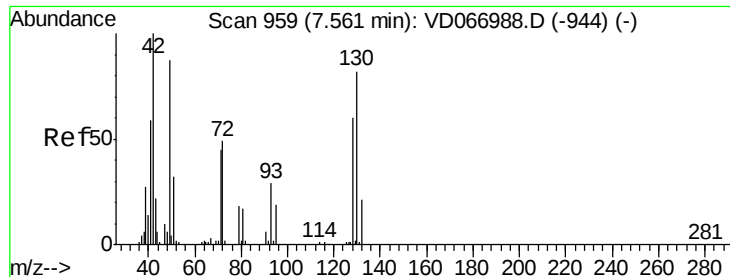
Delta R.T. 0.00 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.6
130	91.5	74.1	111.1





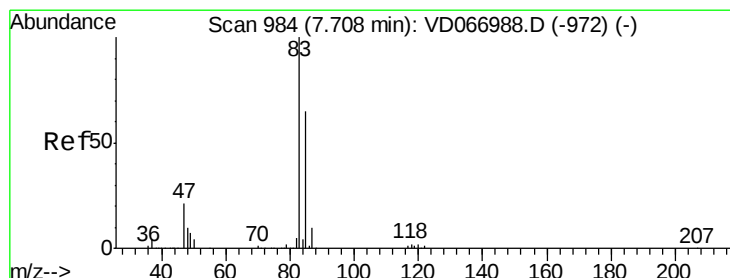
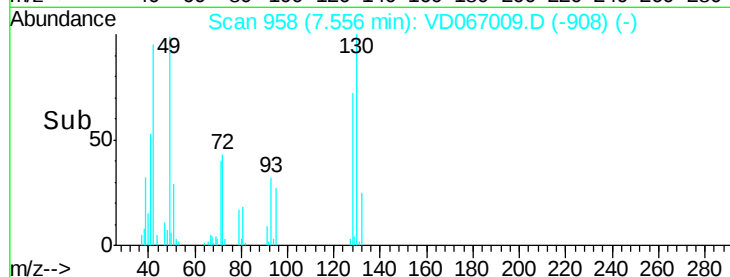
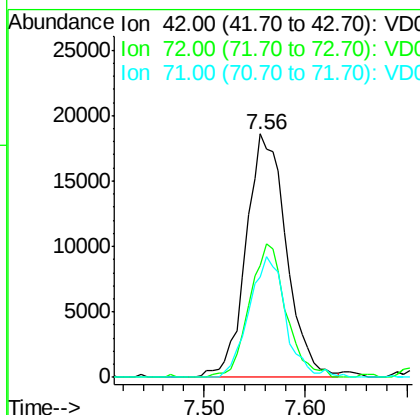
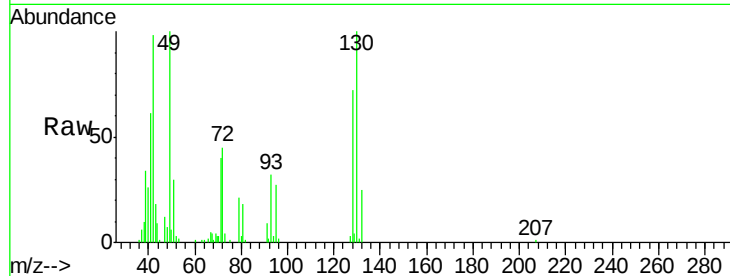
#29
Tetrahydrofuran
Concen: 102.865 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Instrument :
MSVOA_D
ClientSampleId :
VD1001SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.8	39.1	58.7
71	44.4	34.2	51.4

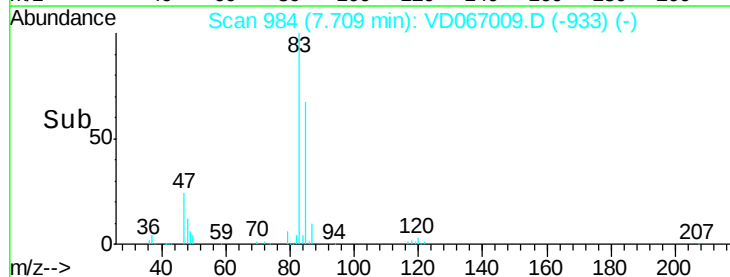
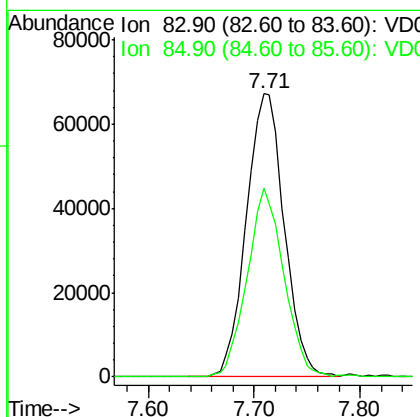
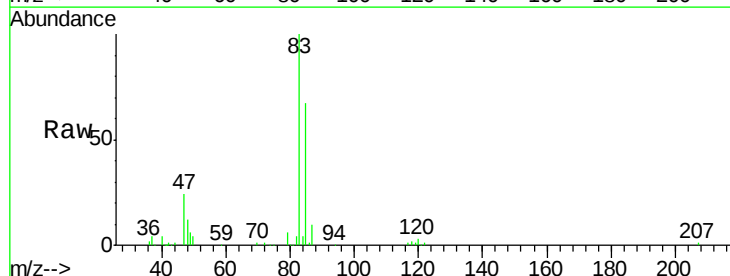
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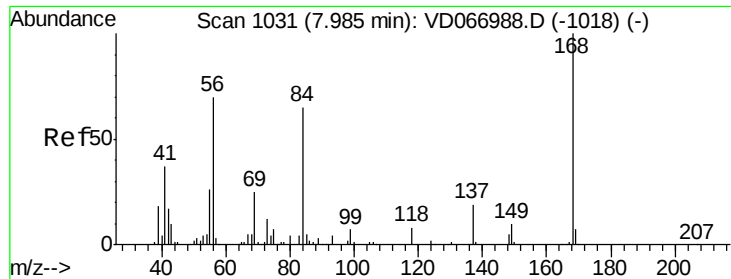
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#30
Chloroform
Concen: 21.473 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.8	52.3	78.5





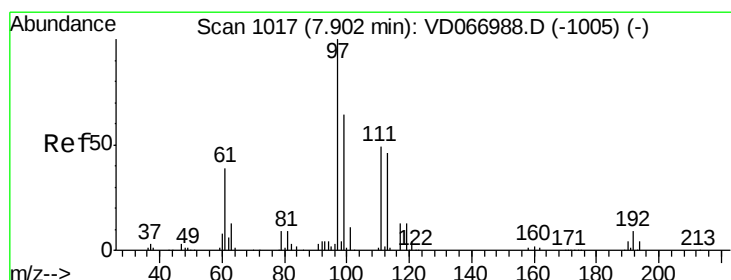
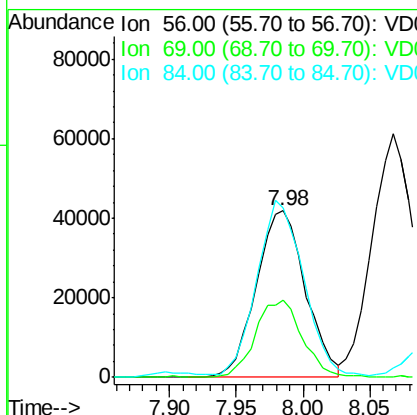
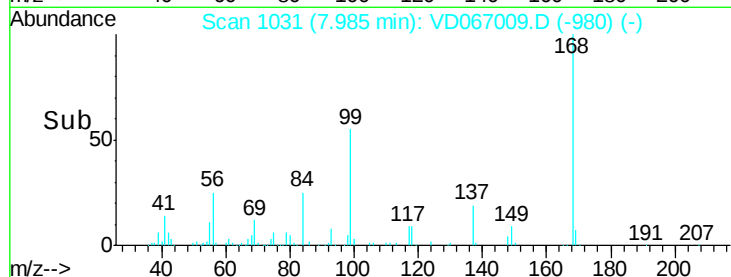
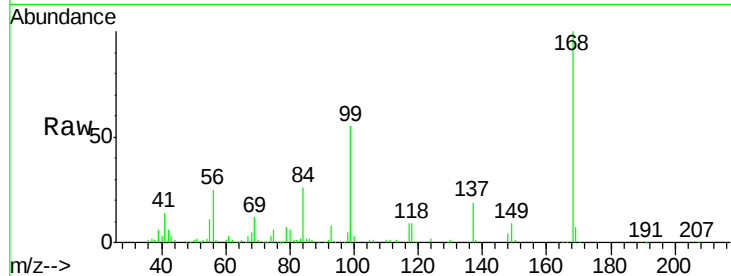
#31
Cyclohexane
Concen: 17.666 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Instrument :
MSVOA_D
ClientSampleId :
VD1001SBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	46.5	29.0	43.6#
84	99.3	74.2	111.2

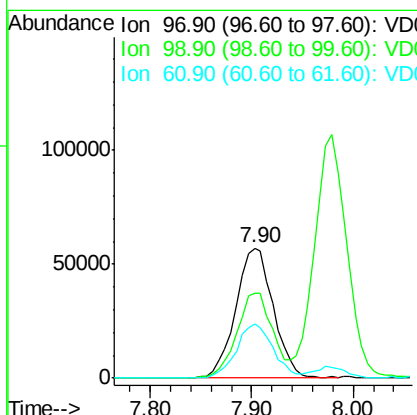
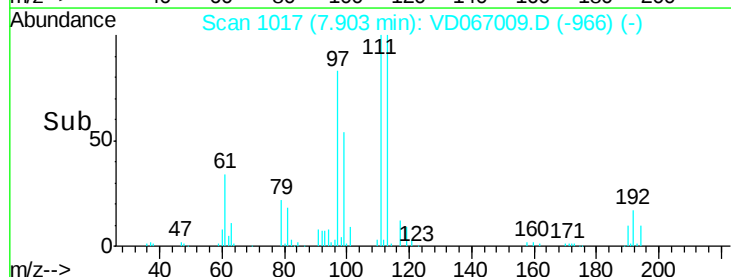
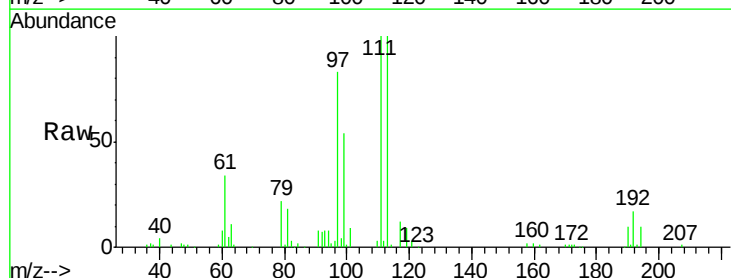
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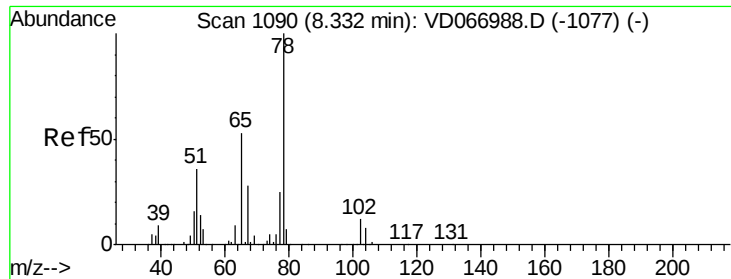
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 20.267 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	52.6	78.8
61	40.2	32.8	49.2





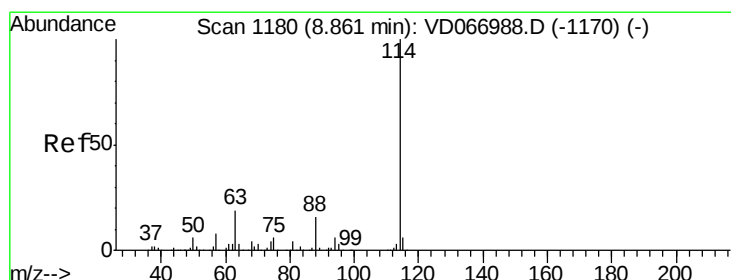
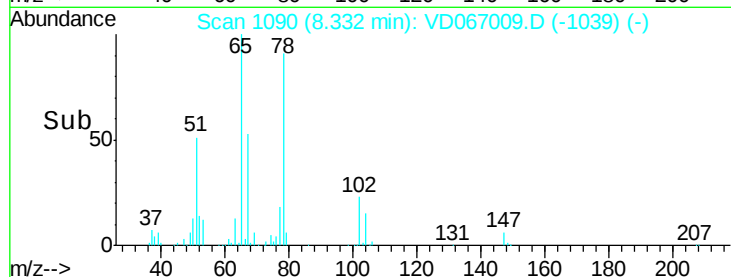
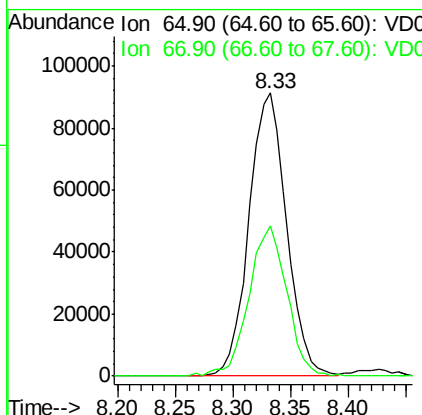
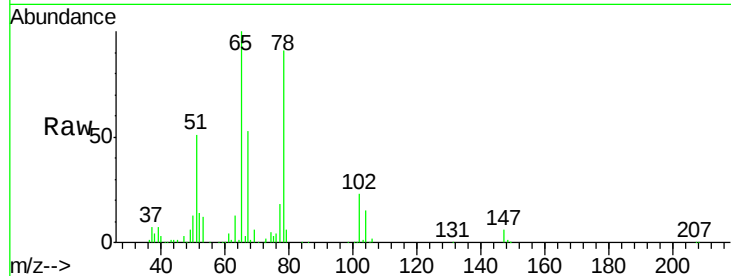
#33
 1,2-Dichloroethane-d4
 Concen: 51.638 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067009.D
 Acq: 02 Oct 2020 00:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1001SBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	207660		
67	53.6	0.0	106.8	

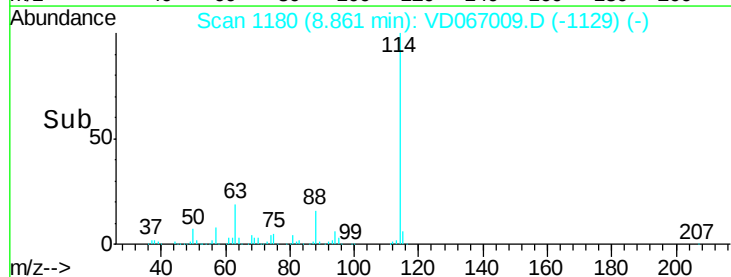
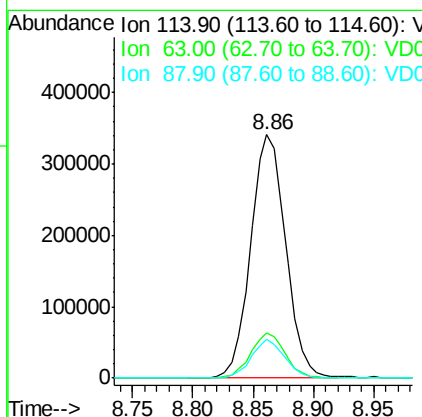
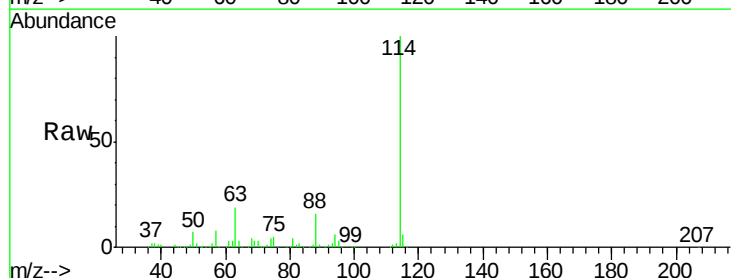
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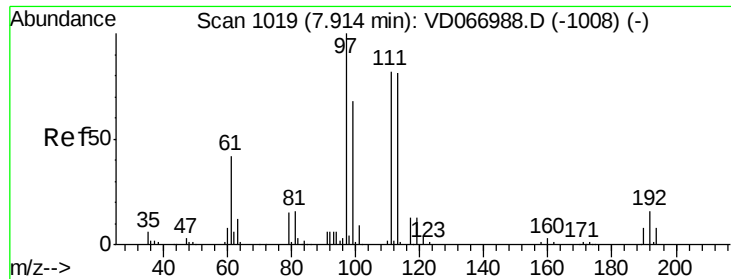
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD067009.D
 Acq: 02 Oct 2020 00:08

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	690731		
63	18.8	0.0	38.4	
88	16.0	0.0	31.2	





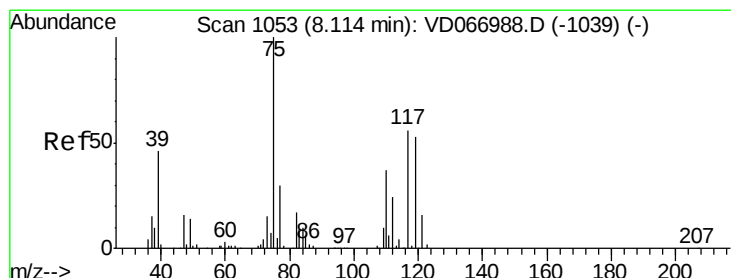
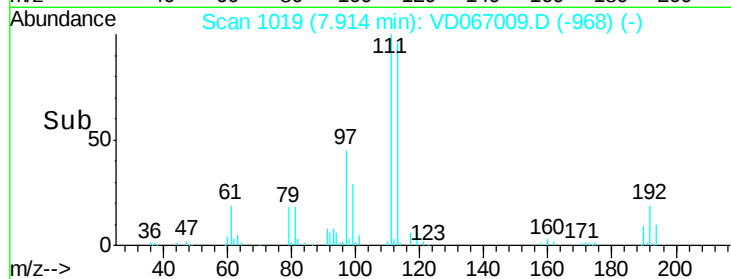
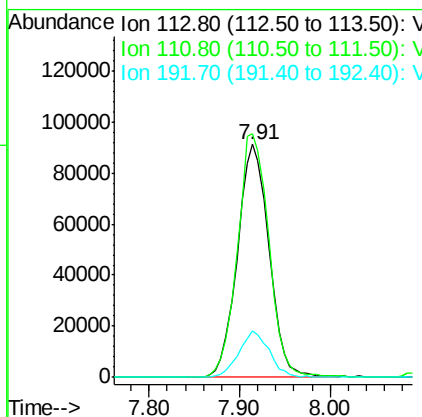
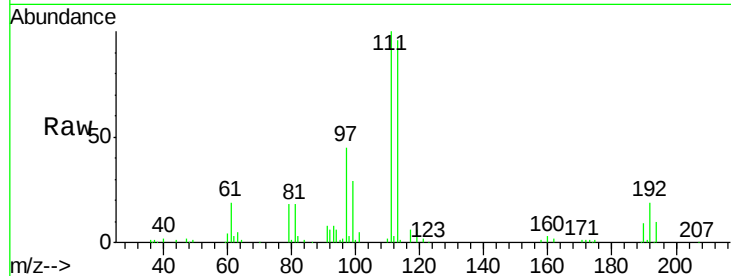
#35
Dibromofluoromethane
Concen: 48.811 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Instrument :
MSVOA_D
ClientSampleId :
VD1001SBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	220727		
111	104.4	83.0	124.4	
192	19.0	15.5	23.3	

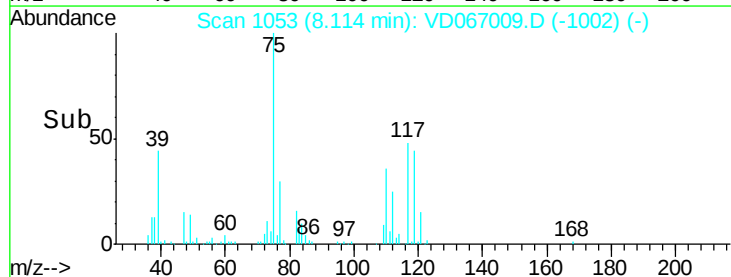
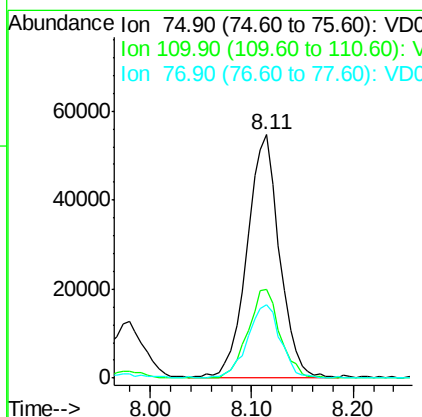
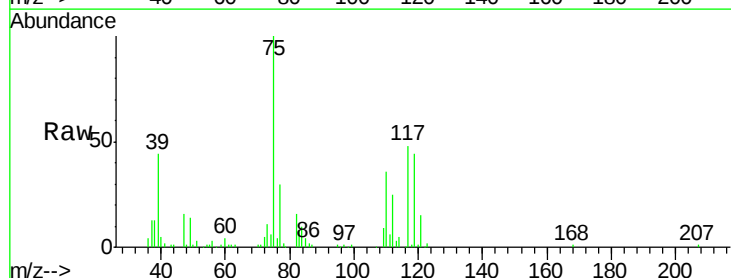
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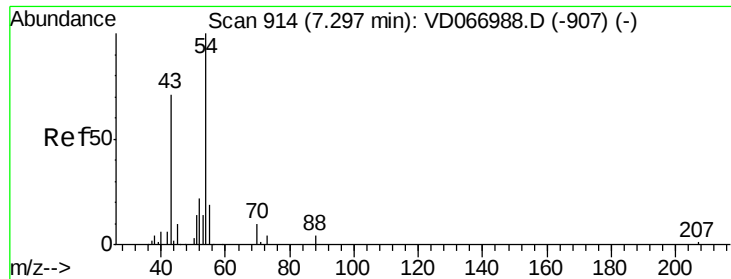
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#36
1,1-Dichloropropene
Concen: 18.782 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	120923		
110	36.1	18.4	55.0	
77	30.8	24.8	37.2	





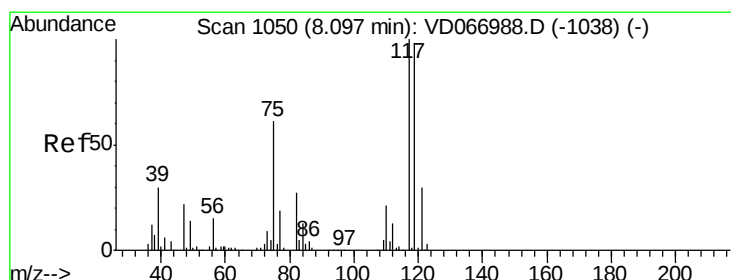
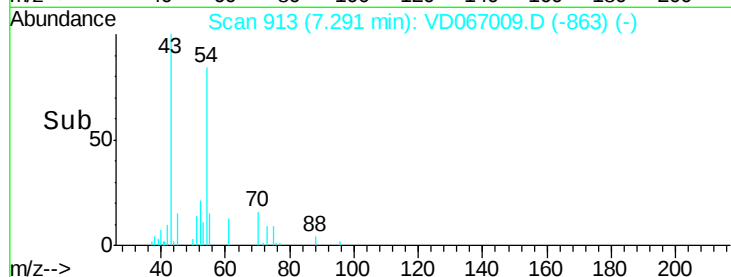
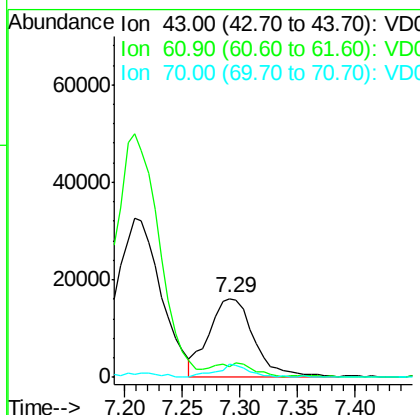
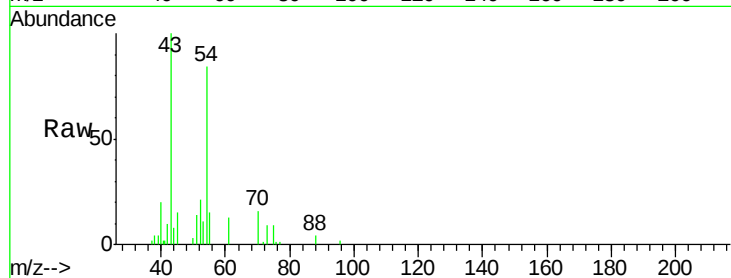
#37
Ethyl Acetate
Concen: 19.237 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Instrument :
MSVOA_D
ClientSampleId :
VD1001SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.5	18.7#
70	12.5	9.4	14.0

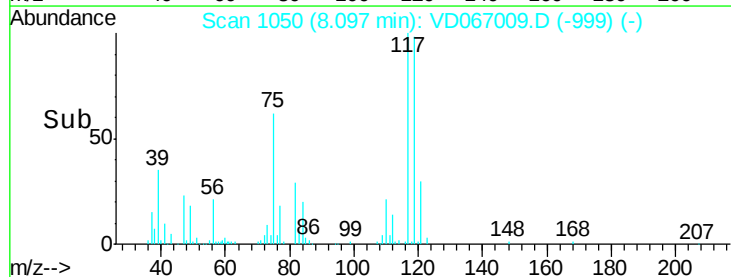
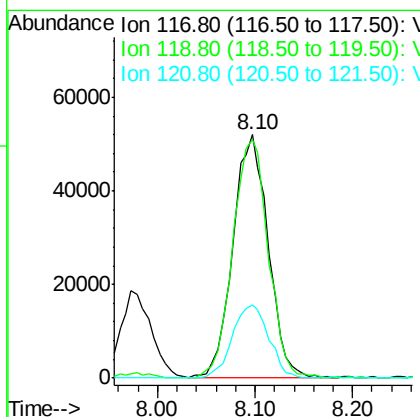
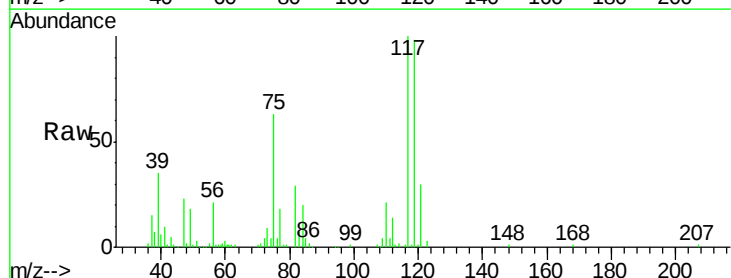
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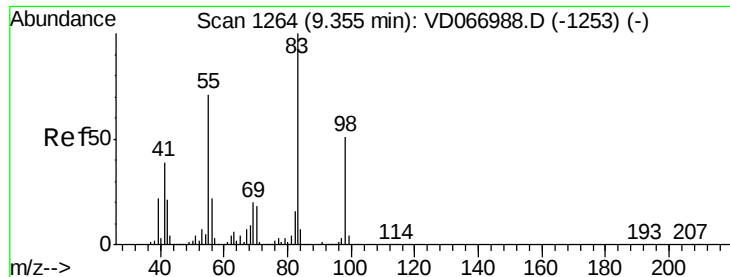
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#38
Carbon Tetrachloride
Concen: 18.745 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	78.7	118.1
121	30.0	24.2	36.2





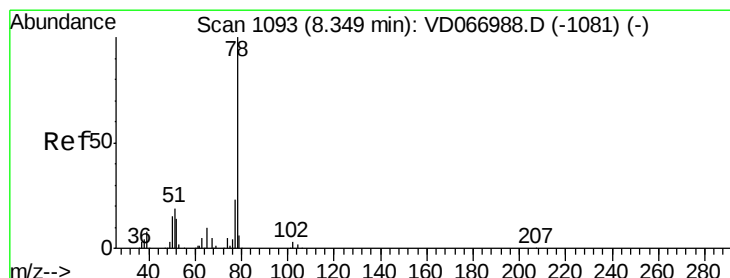
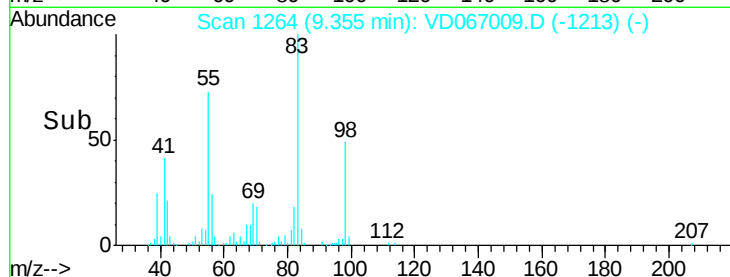
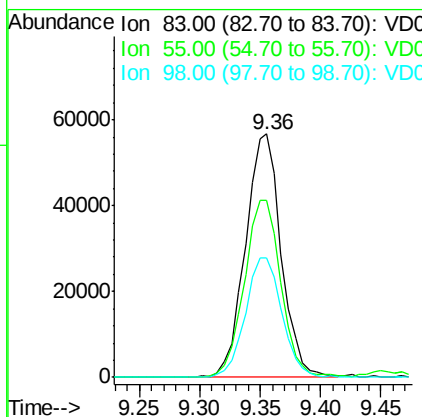
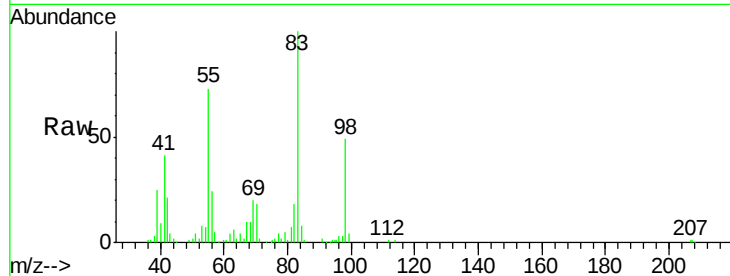
#39
Methvlcvclohexane
Concen: 17.131 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Instrument :
MSVOA_D
ClientSampleId :
VD1001SBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.7	57.1	85.7
98	49.1	40.9	61.3

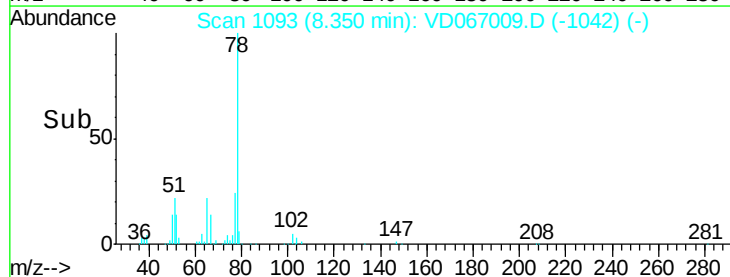
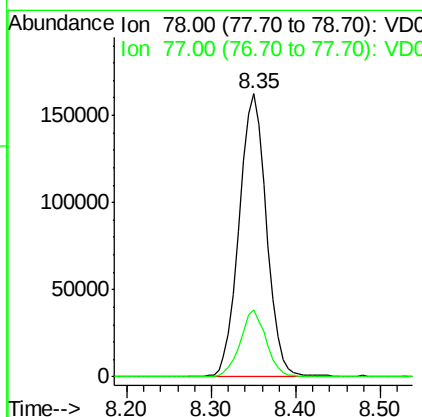
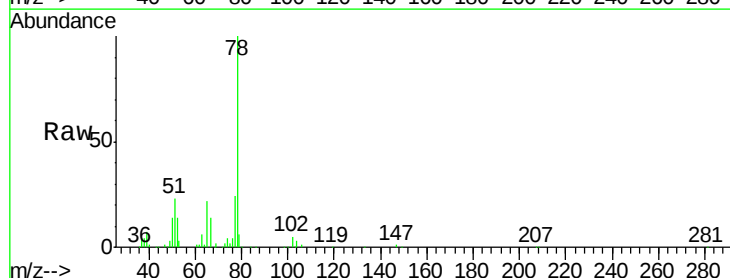
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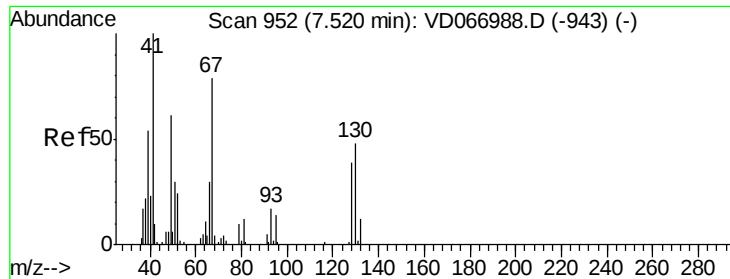
MMDadoda
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#40
Benzene
Concen: 20.373 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.4	27.6





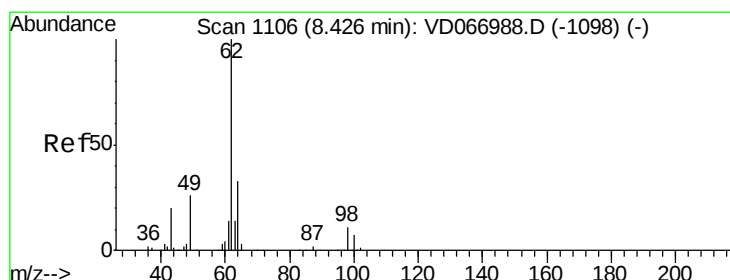
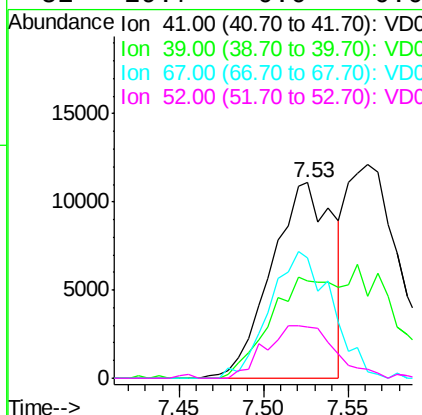
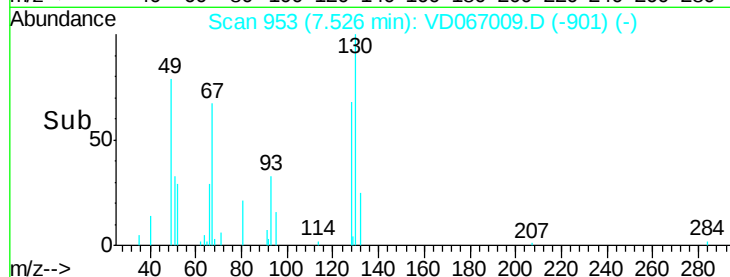
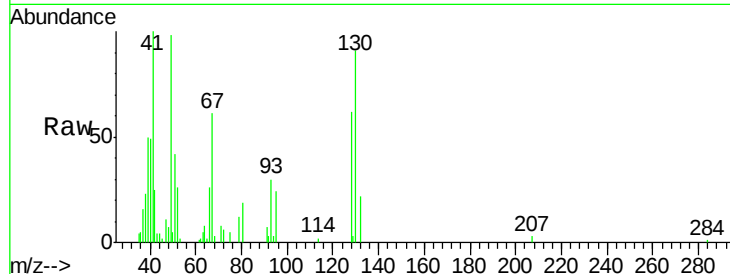
#41
Methacrylonitrile
Concen: 23.403 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.01 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Instrument :
MSVOA_D
ClientSampleId :
VD1001SBS02

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.9	0.0	0.0#
67	64.8	0.0	0.0#
52	29.7	0.0	0.0#

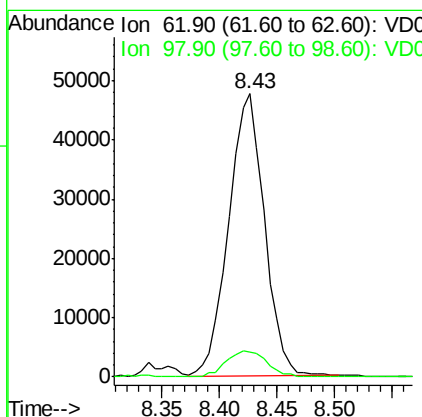
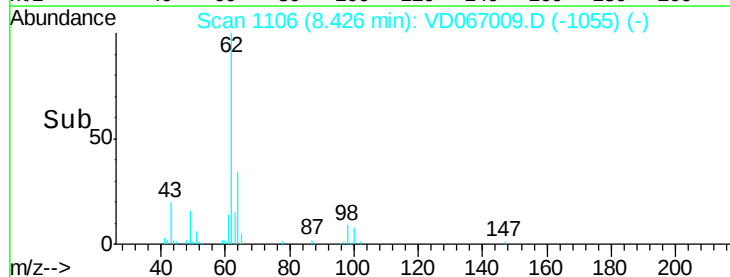
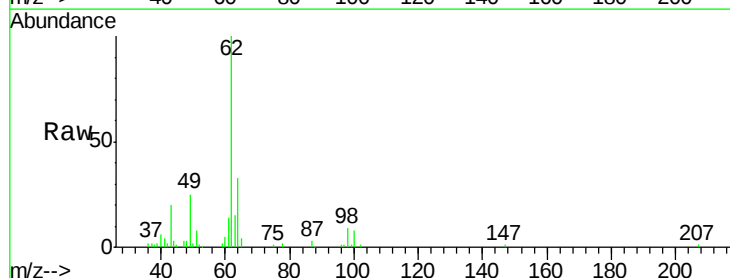
Manual Integrations
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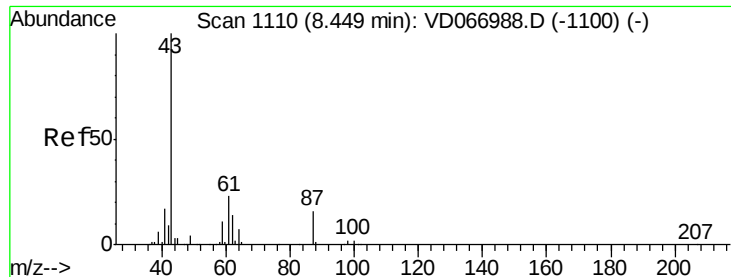
MMDadoda
10/2/2020 3:13:39 PM



#42
1,2-Dichloroethane
Concen: 20.548 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	22.6





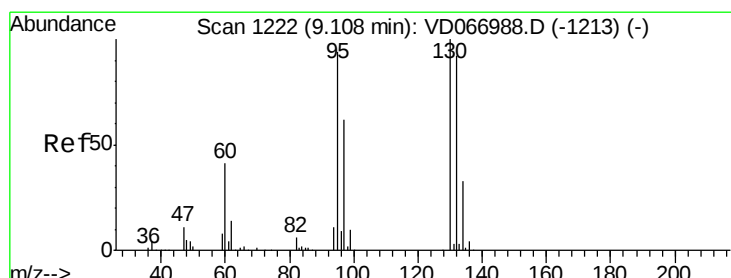
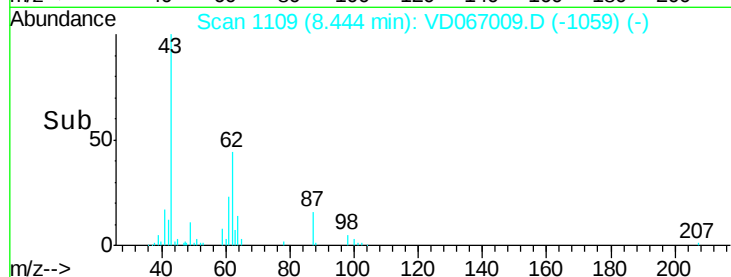
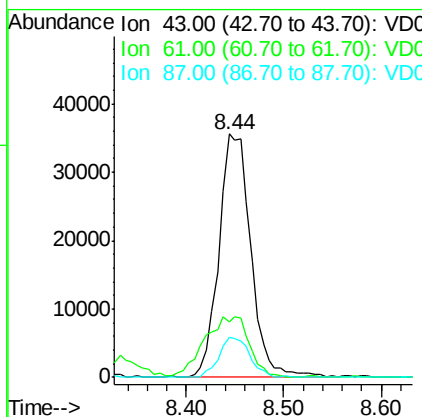
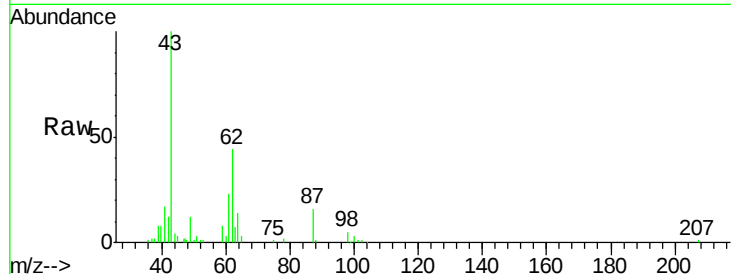
#43
Isopropyl Acetate
Concen: 19.674 ug/l
RT: 8.44 min Scan# 1109
Delta R.T. -0.01 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Instrument :
MSVOA_D
ClientSampleId :
VD1001SBS02

Tot Ion	43	Resp	80839
Ion Ratio	100	Lower	Upper
43	100		
61	34.6	27.1	40.7
87	15.8	12.3	18.5

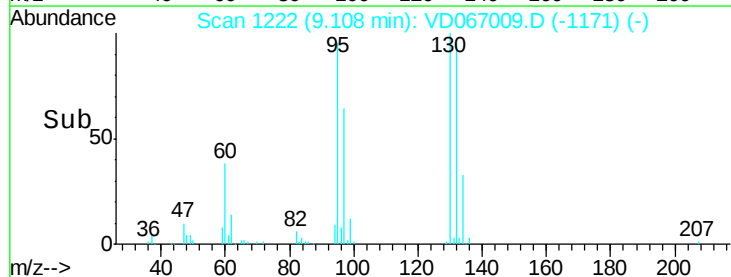
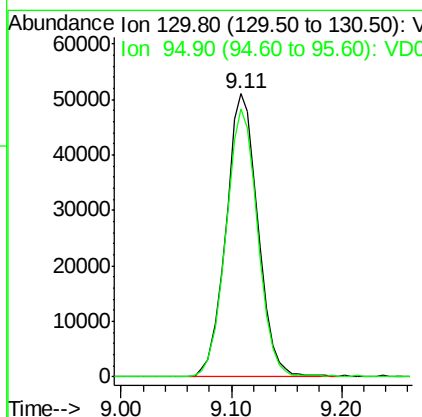
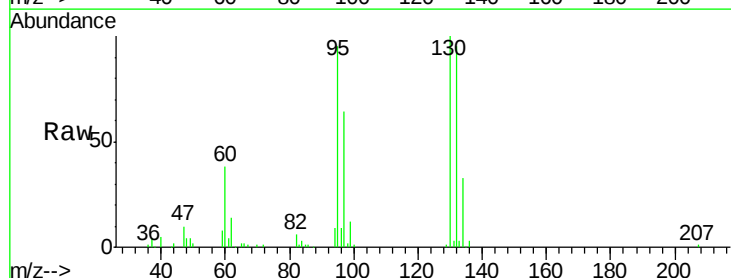
Manual Integrations
APPROVED

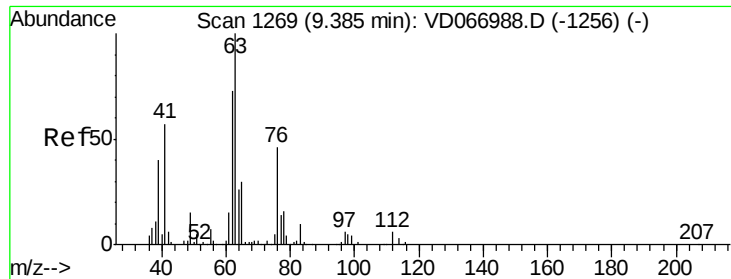
MMDadoda
10/2/2020 3:13:39 PM



#44
Trichloroethene
Concen: 19.353 ug/l
RT: 9.11 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Tgt Ion	130	Resp	103348
Ion Ratio	100	Lower	Upper
130	100		
95	94.8	0.0	187.8





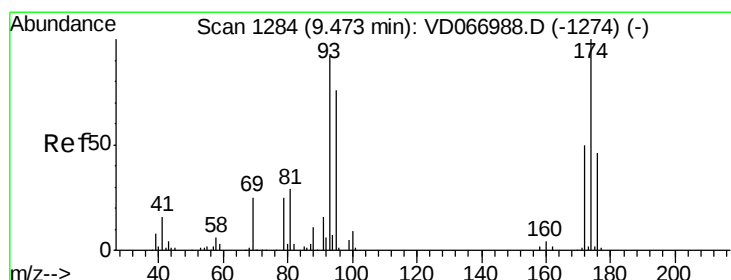
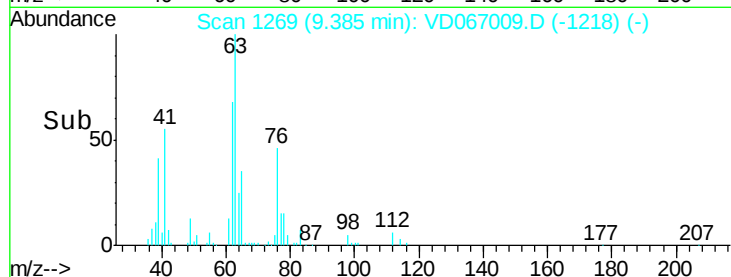
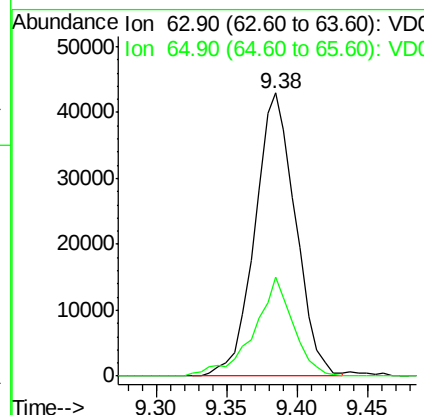
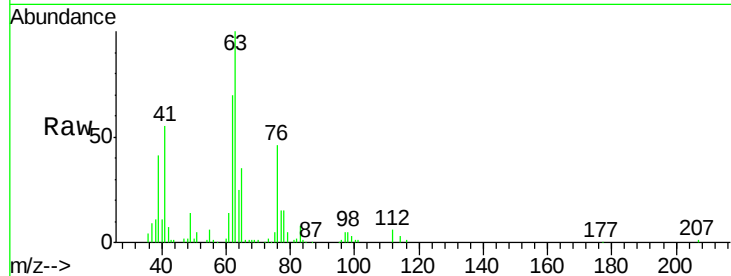
#45
 1,2-Dichloropropane
 Concen: 20.620 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD067009.D
 Acq: 02 Oct 2020 00:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1001SBS02

Tot Ion: 63 Resp: 86642
 Ion Ratio Lower Upper
 63 100
 65 34.8 23.7 35.5

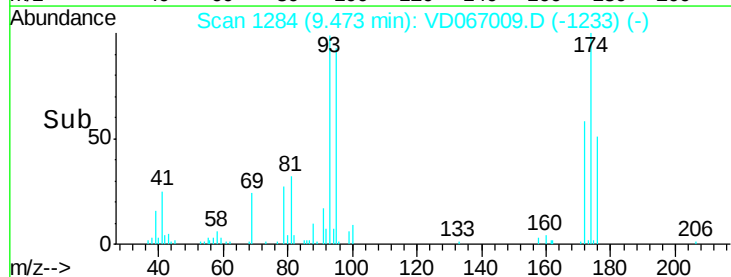
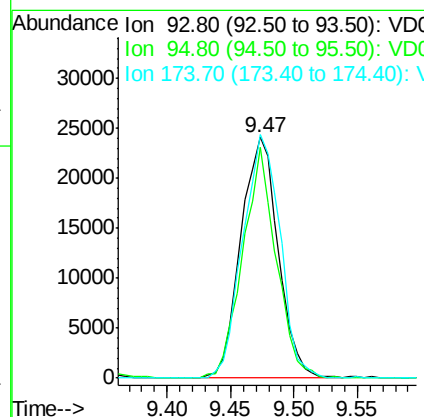
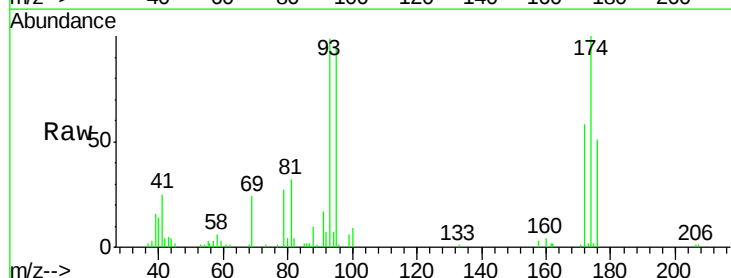
Manual Integrations
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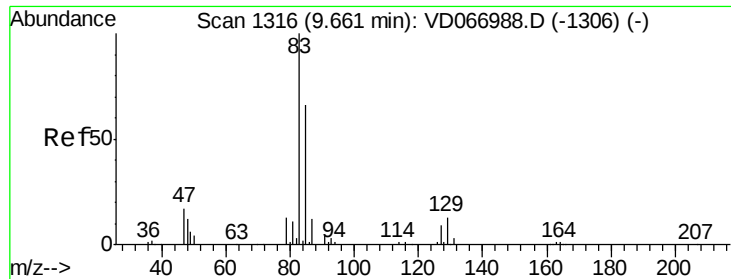
MMDadoda
 10/2/2020 3:13:39 PM



#46
 Dibromomethane
 Concen: 20.411 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD067009.D
 Acq: 02 Oct 2020 00:08

Tgt Ion: 93 Resp: 49293
 Ion Ratio Lower Upper
 93 100
 95 85.7 64.7 97.1
 174 100.9 81.4 122.2





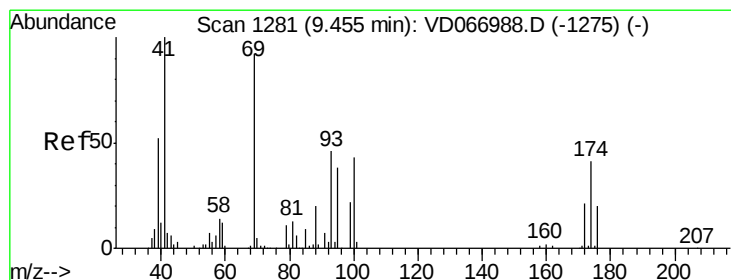
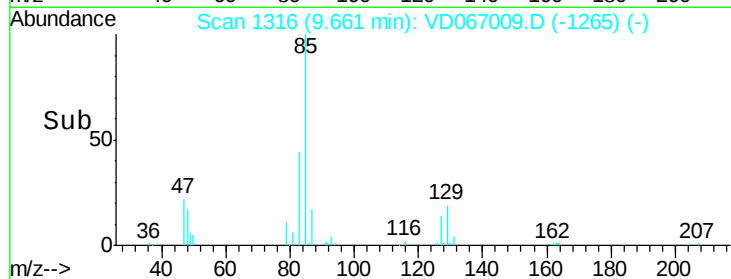
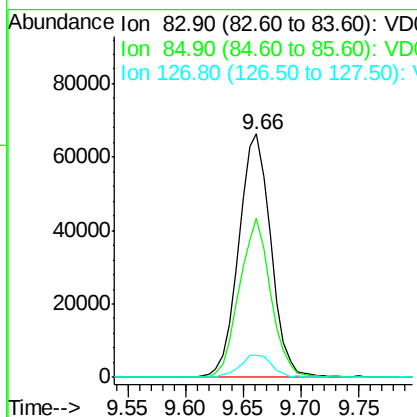
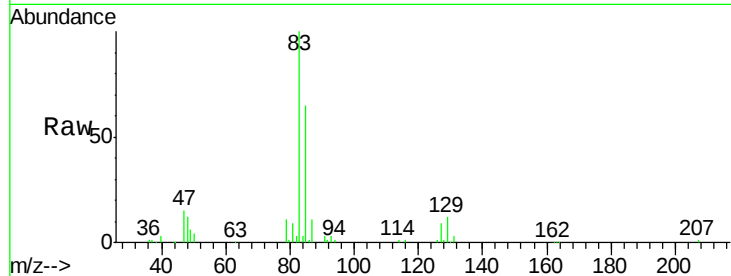
#47
Bromodichloromethane
Concen: 20.417 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Instrument :
MSVOA_D
ClientSampleId :
VD1001SBS02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	128173		
85	65.3		52.9	79.3
127	9.0		7.3	10.9

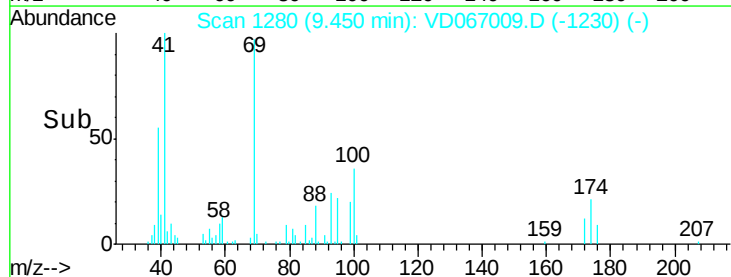
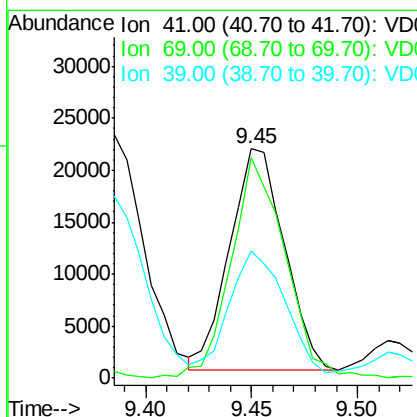
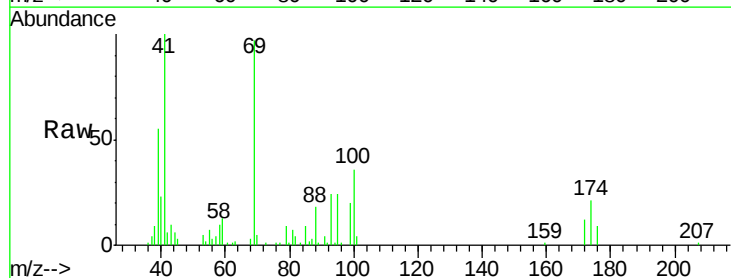
Manual Integrations
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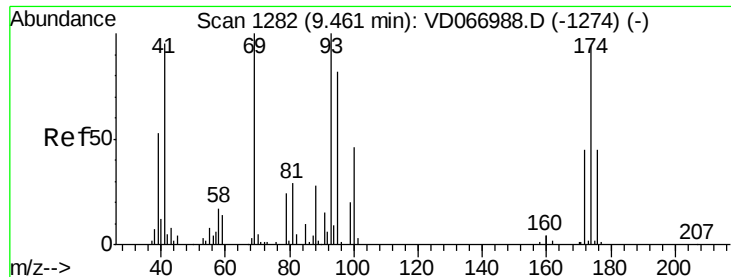
MMDadoda
10/2/2020 3:13:39 PM



#48
Methyl methacrylate
Concen: 18.118 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.01 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	38139		
69	99.3		68.5	102.7
39	60.2		40.2	60.2





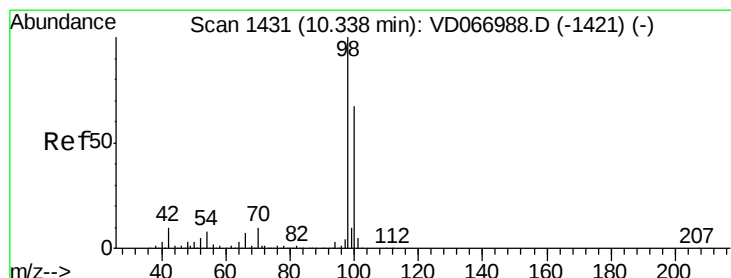
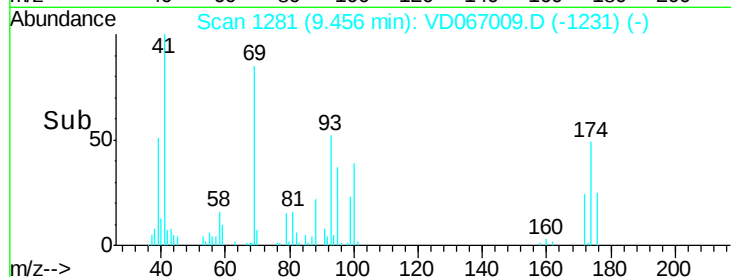
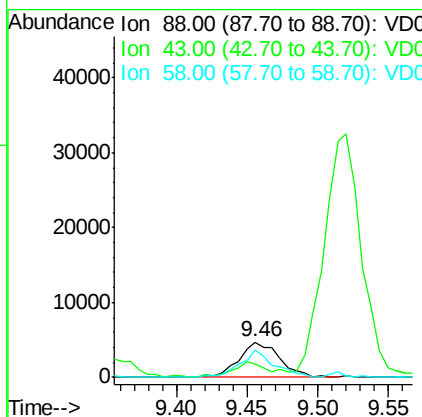
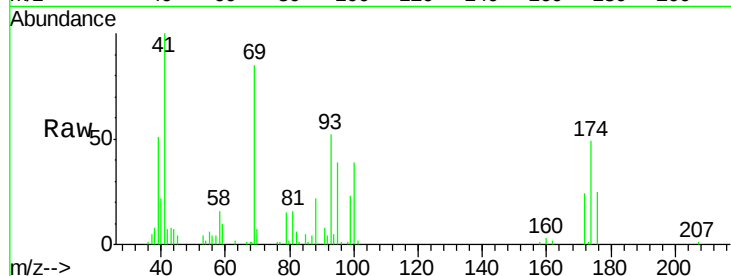
#49
1,4-Dioxane
Concen: 376.594 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Instrument :
MSVOA_D
ClientSampleId :
VD1001SBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	40.7	25.6	38.4#
58	65.1	53.5	80.3

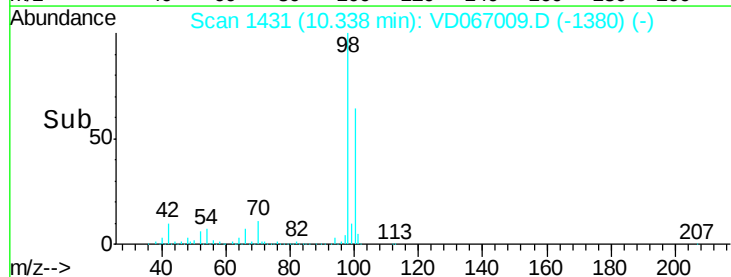
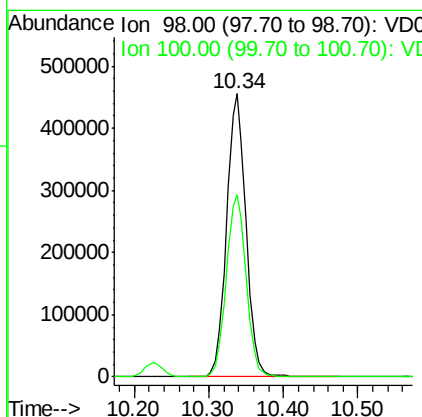
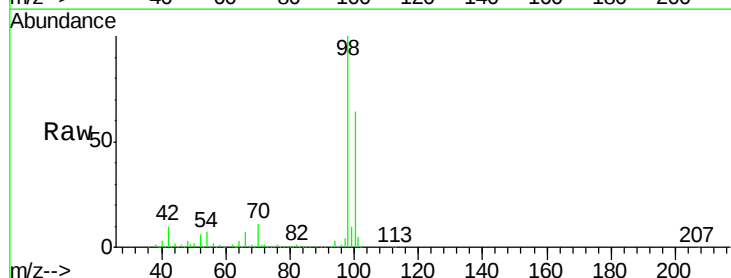
Manual Integrations
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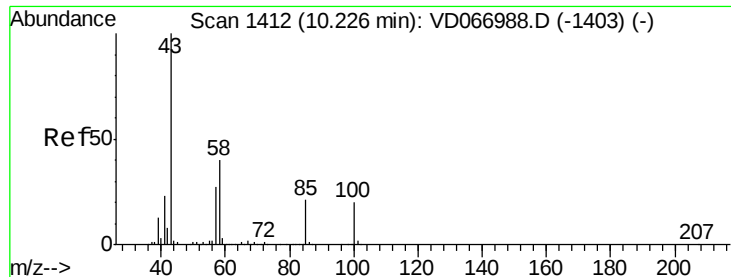
MMDadoda
10/2/2020 3:13:39 PM



#50
Toluene-d8
Concen: 50.066 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.8	79.2





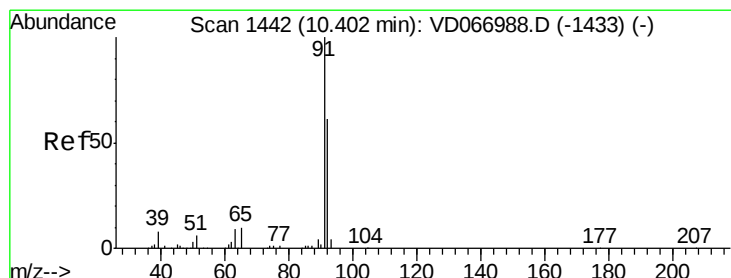
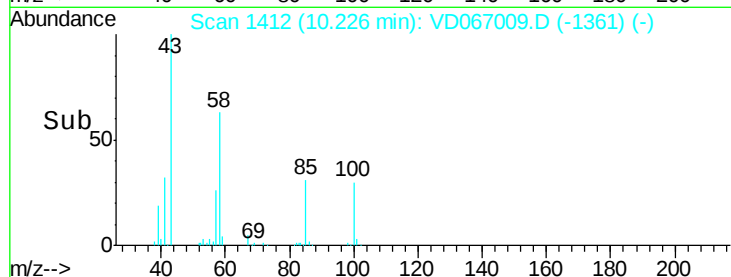
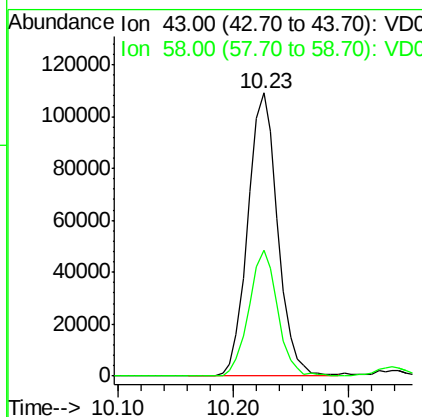
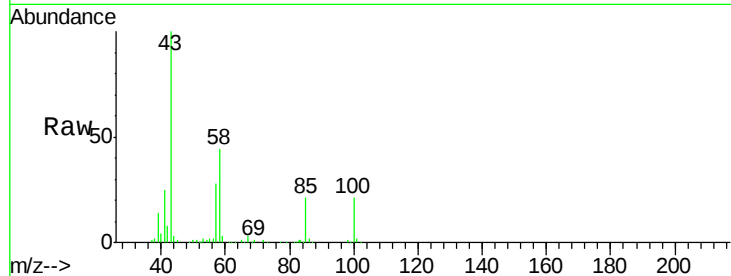
#51
4-Methyl-2-Pentanone
Concen: 96.270 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Instrument :
MSVOA_D
ClientSampleId :
VD1001SBS02

Tot Ion: 43 Resp: 197031
Ion Ratio Lower Upper
43 100
58 42.7 33.8 50.8

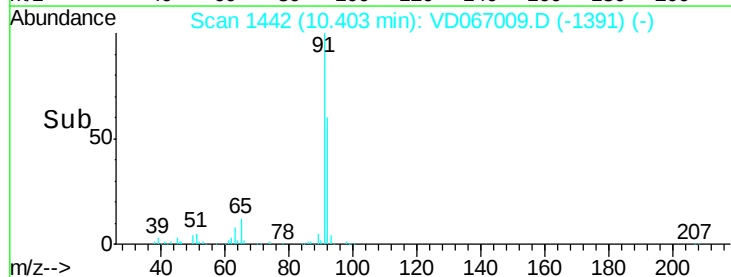
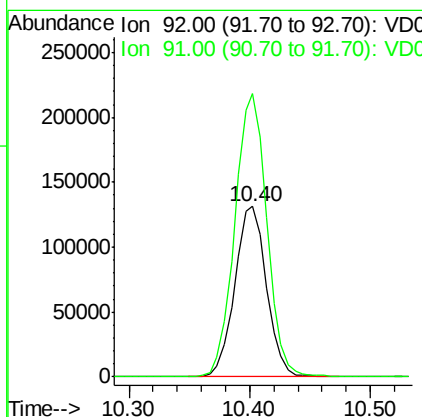
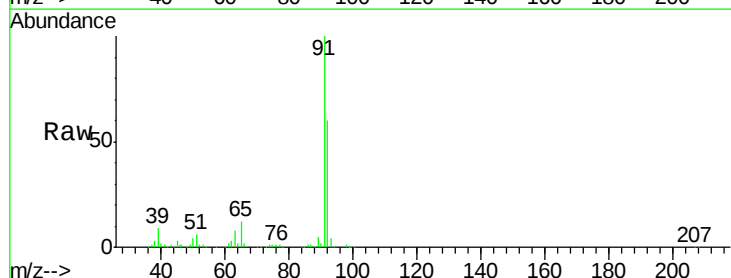
Manual Integrations
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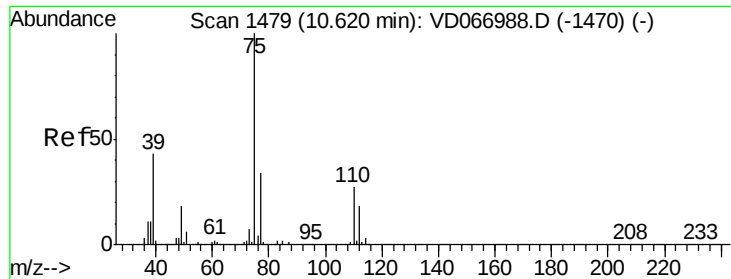
MMDadoda
10/2/2020 3:13:39 PM



#52
Toluene
Concen: 20.893 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Tgt Ion: 92 Resp: 240676
Ion Ratio Lower Upper
92 100
91 167.8 135.1 202.7





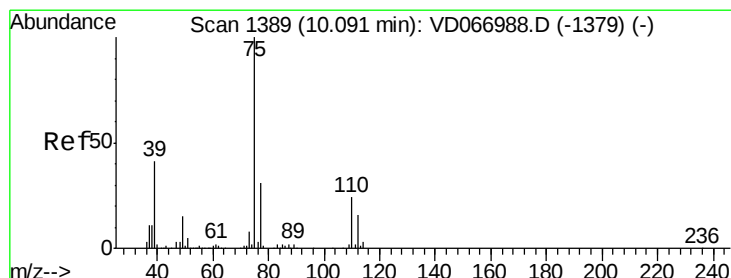
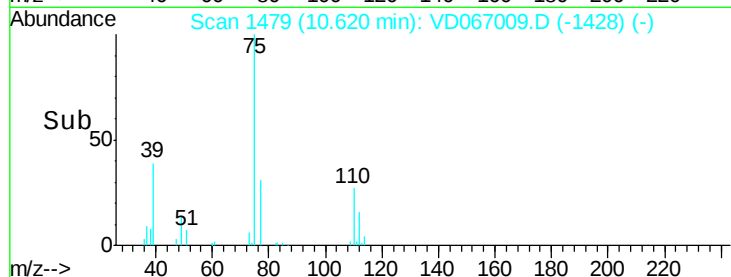
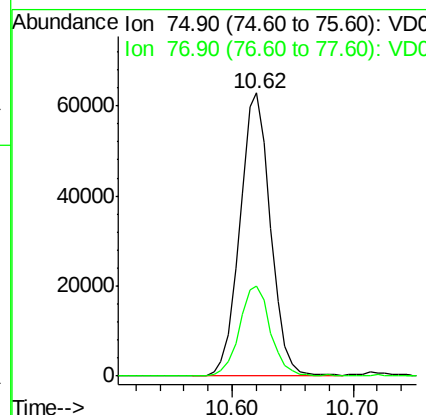
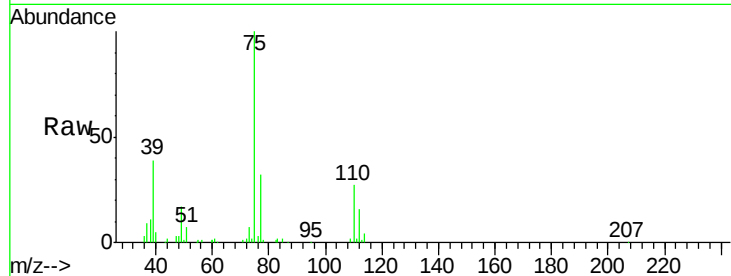
#53
 t-1,3-Dichloropropene
 Concen: 19.784 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: VD067009.D
 Acq: 02 Oct 2020 00:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1001SBS02

Tot Ion: 75 Resp: 110998
 Ion Ratio Lower Upper
 75 100
 77 31.7 27.1 40.7

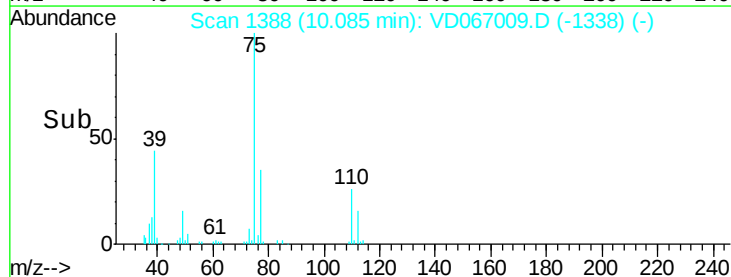
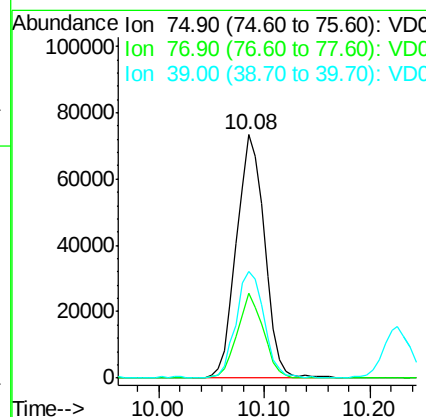
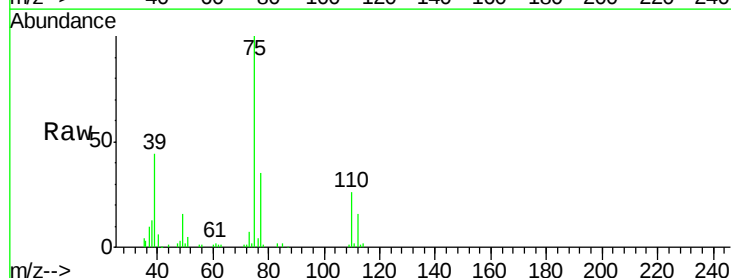
Manual Integrations
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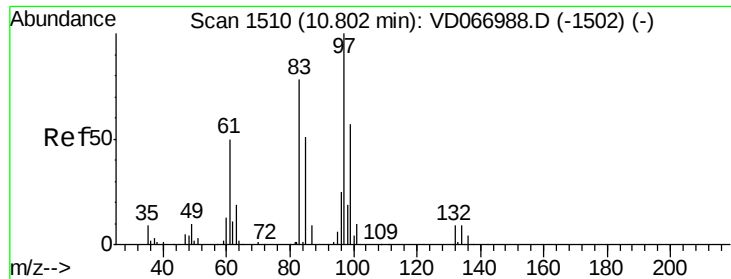
MMDadoda
 10/2/2020 3:13:39 PM



#54
 cis-1,3-Dichloropropene
 Concen: 19.675 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: VD067009.D
 Acq: 02 Oct 2020 00:08

Tgt Ion: 75 Resp: 134795
 Ion Ratio Lower Upper
 75 100
 77 34.8 24.6 37.0
 39 43.4 33.0 49.4





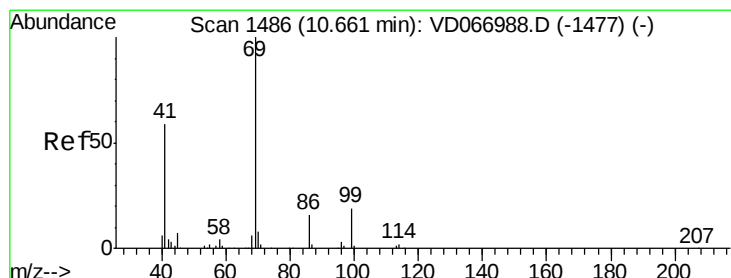
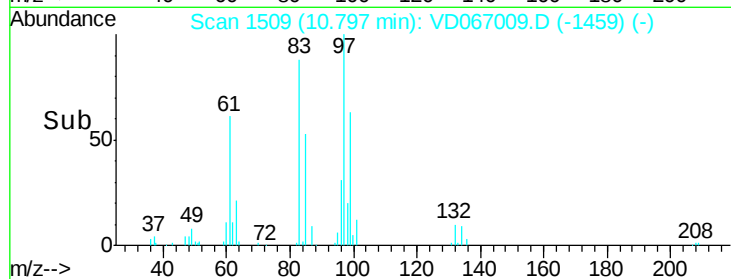
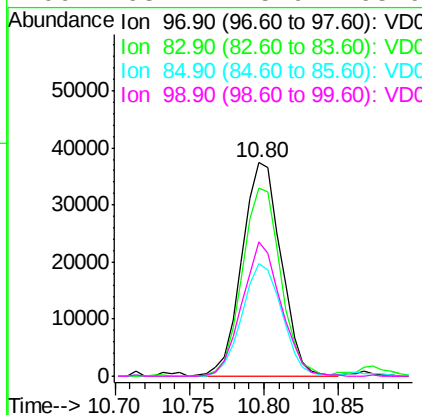
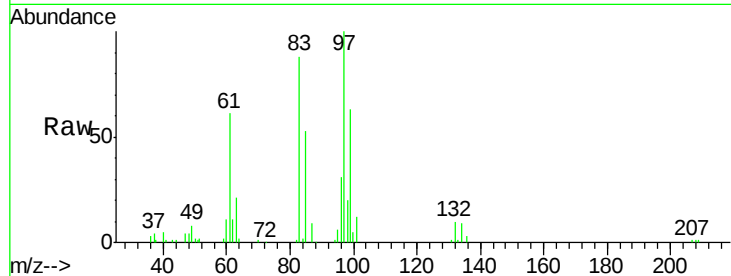
#55
 1,1,2-Trichloroethane
 Concen: 20.257 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD067009.D
 Acq: 02 Oct 2020 00:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1001SBS02

Tot Ion:	97	Resp:	68016
Ion	Ratio	Lower	Upper
97	100		
83	88.2	62.4	93.6
85	52.7	41.0	61.4
99	63.1	45.9	68.9

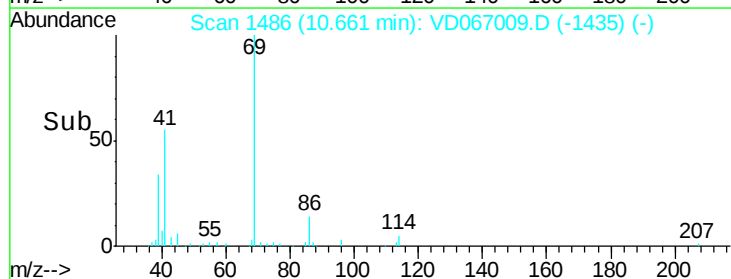
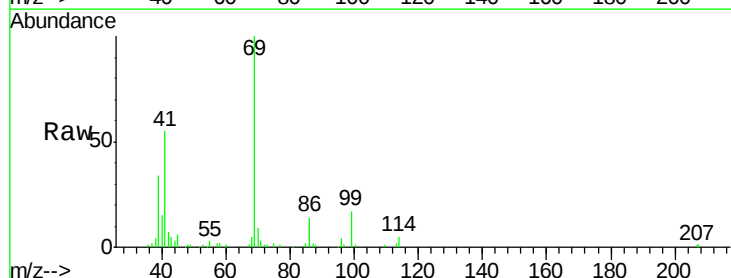
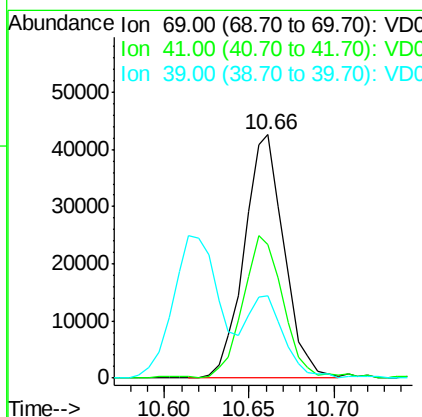
Manual Integrations
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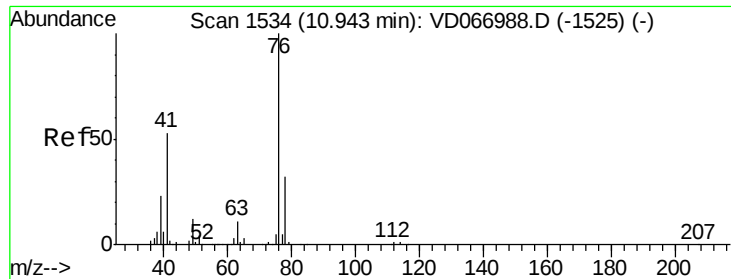
MMDadoda
 10/2/2020 3:13:39 PM



#56
 Ethyl methacrylate
 Concen: 20.135 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD067009.D
 Acq: 02 Oct 2020 00:08

Tgt Ion:	69	Resp:	69798
Ion	Ratio	Lower	Upper
69	100		
41	59.7	46.4	69.6
39	30.2	23.8	35.6





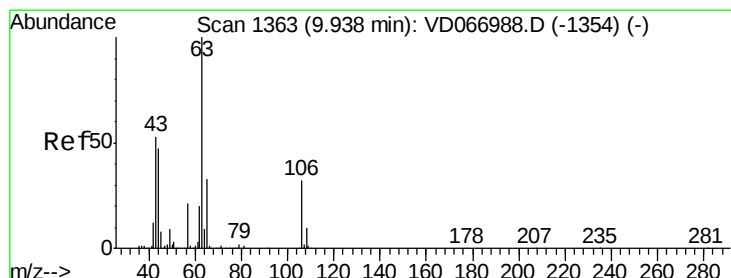
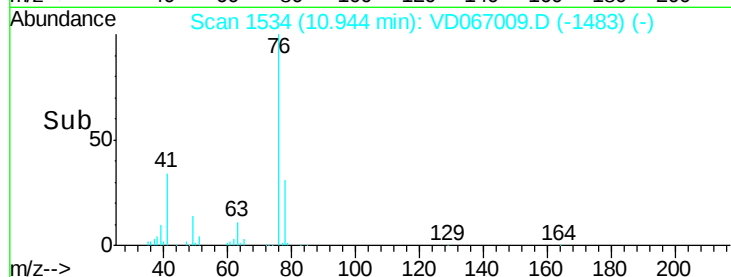
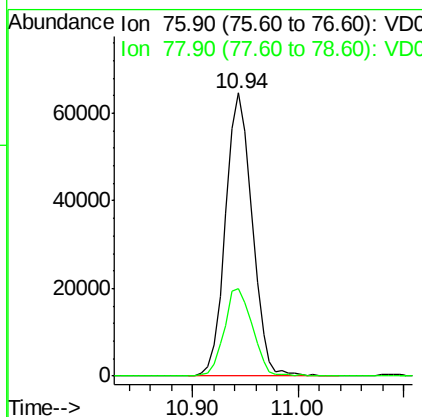
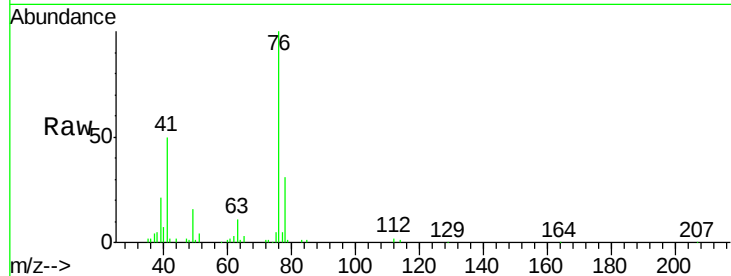
#57
 1,3-Dichloropropane
 Concen: 20.695 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VD067009.D
 Acq: 02 Oct 2020 00:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1001SBS02

Tot Ion: 76 Resp: 112676
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.8 38.8

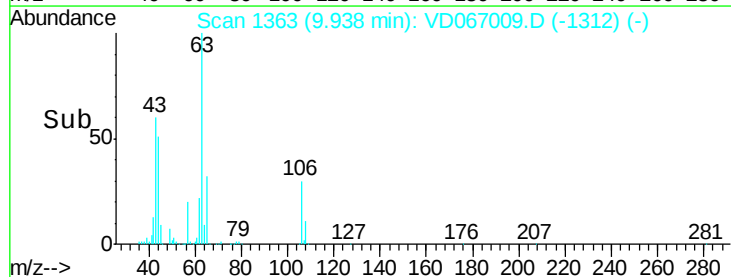
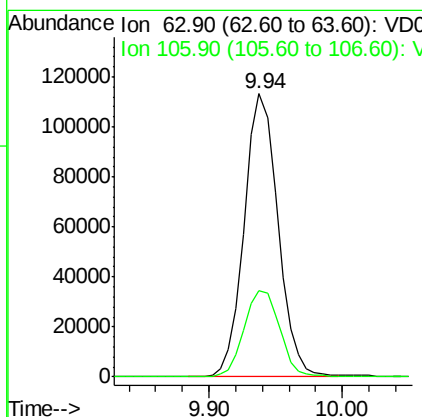
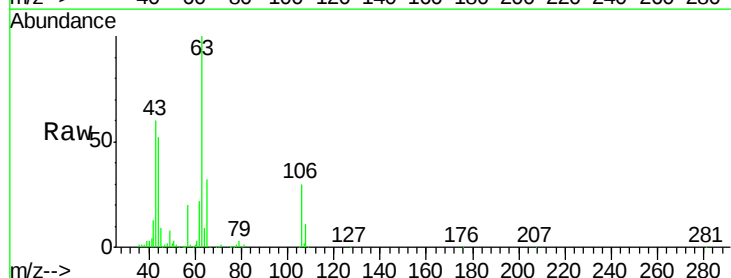
Manual Integrations
 APPROVED

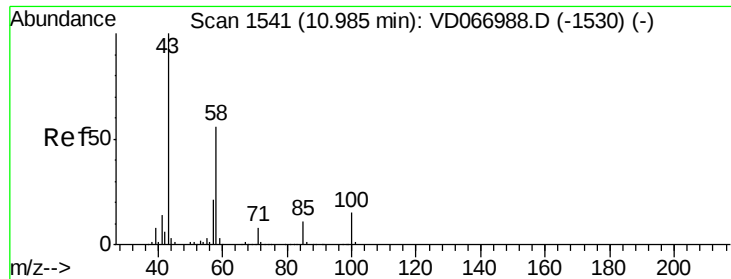
MMDadoda
 10/2/2020 3:13:39 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.881 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD067009.D
 Acq: 02 Oct 2020 00:08

Tgt Ion: 63 Resp: 198498
 Ion Ratio Lower Upper
 63 100
 106 32.2 25.3 37.9





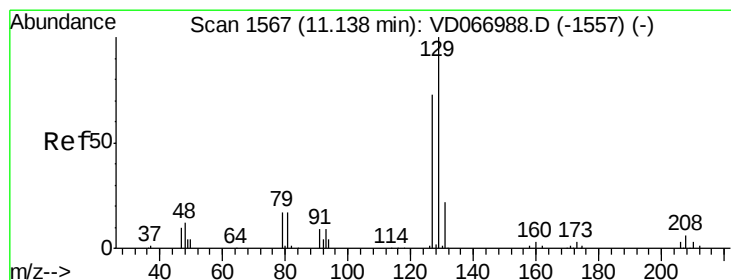
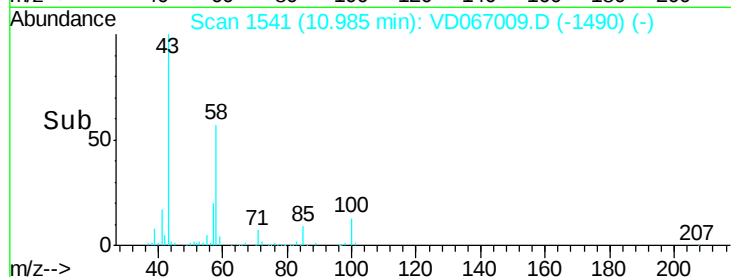
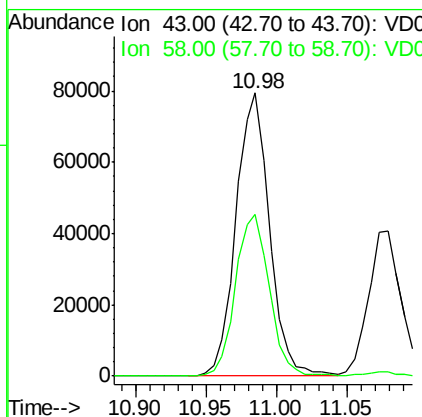
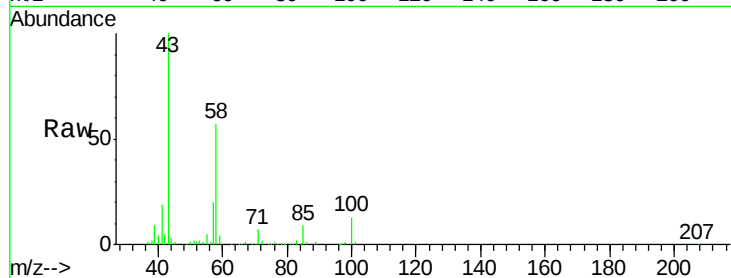
#59
2-Hexanone
Concen: 96.332 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Instrument :
MSVOA_D
ClientSampleId :
VD1001SBS02

Tot Ion: 43 Resp: 131591
Ion Ratio Lower Upper
43 100
58 57.8 28.3 84.9

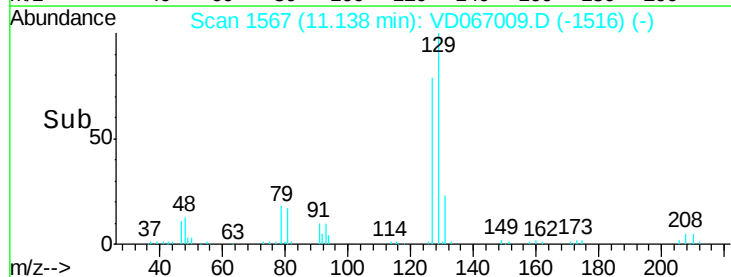
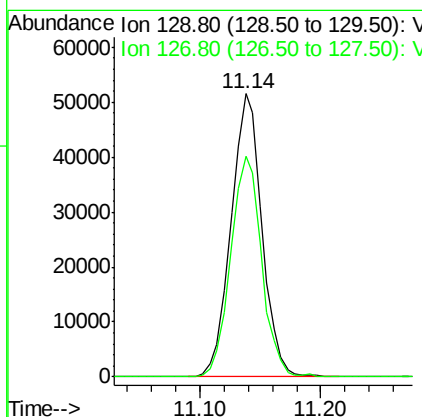
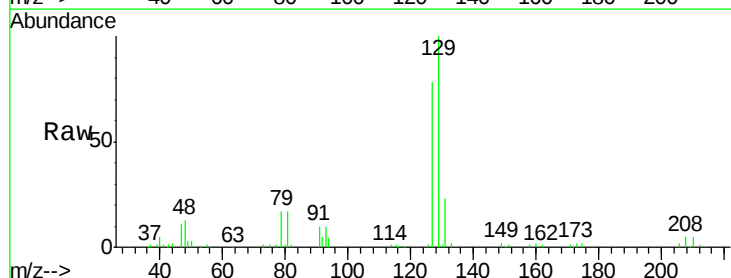
Manual Integrations
APPROVED

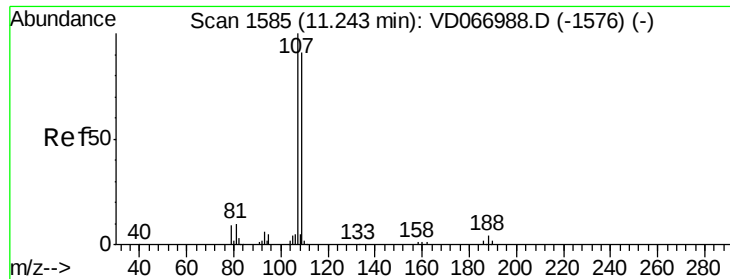
MMDadoda
10/2/2020 3:13:39 PM



#60
Dibromochloromethane
Concen: 20.469 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Tgt Ion: 129 Resp: 91602
Ion Ratio Lower Upper
129 100
127 78.1 37.4 112.1





#61

1,2-Dibromoethane

Concen: 20.413 ug/l

RT: 11.24 min Scan# 1585

Delta R.T. 0.00 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Instrument :

MSVOA_D

ClientSampleId :

VD1001SBS02

Tot Ion:107 Resp: 65847

Ion Ratio Lower Upper

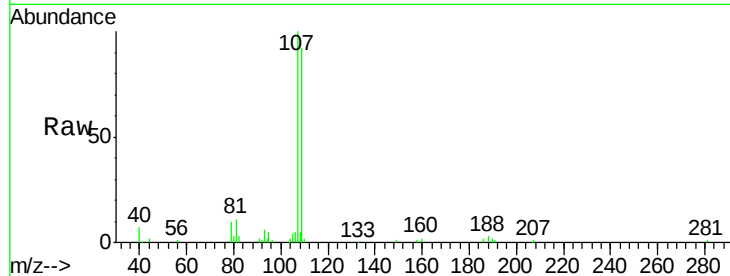
107 100

109 91.6 74.0 111.0

Manual Integrations
APPROVED

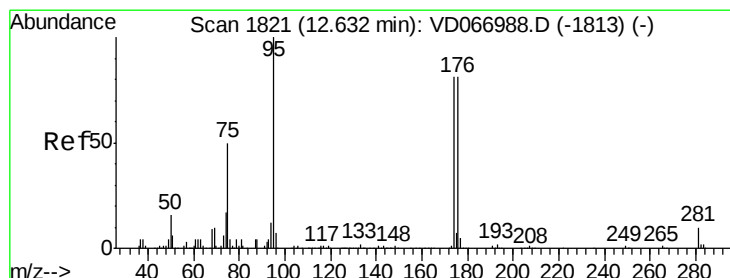
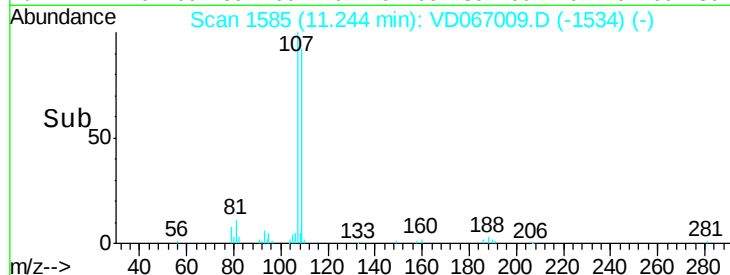
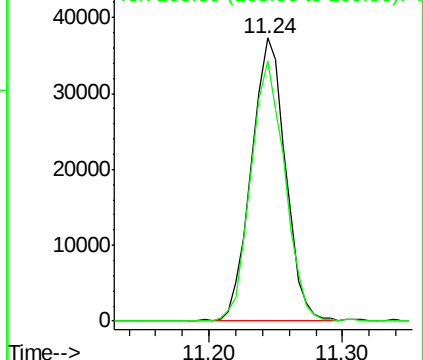
MMDadoda

10/2/2020 3:13:39 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.290 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

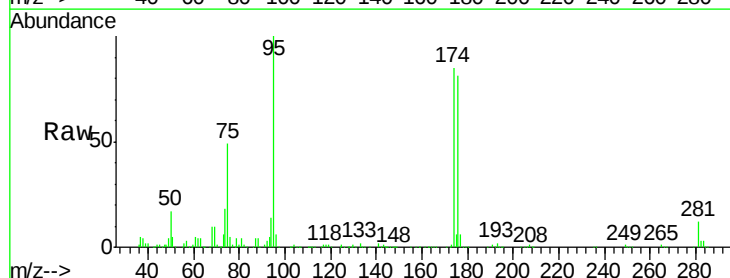
Tgt Ion: 95 Resp: 281318

Ion Ratio Lower Upper

95 100

174 83.2 0.0 167.6

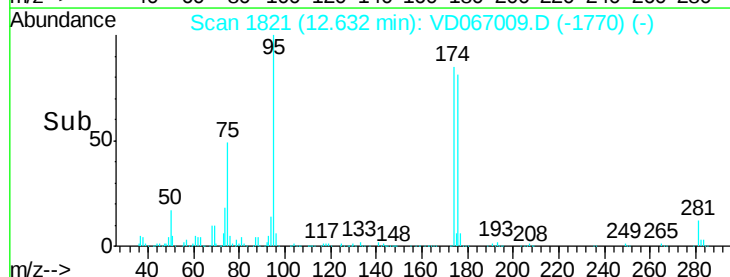
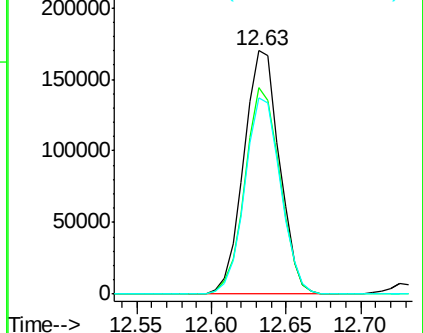
176 80.8 0.0 162.4

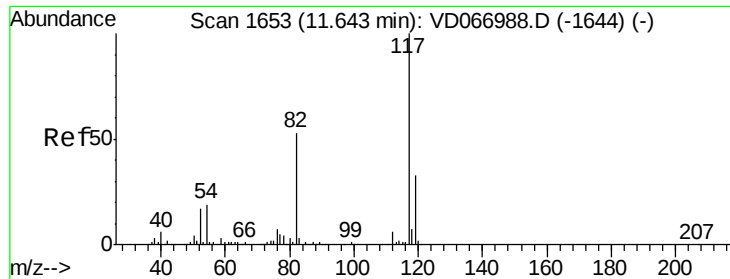


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





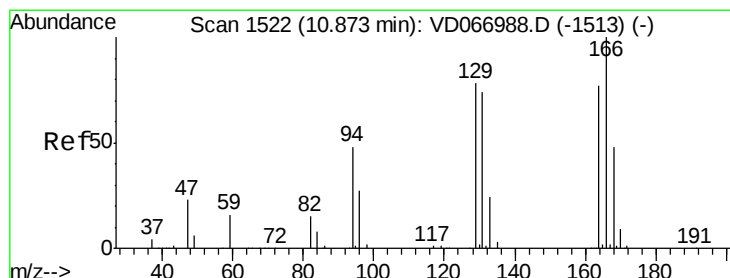
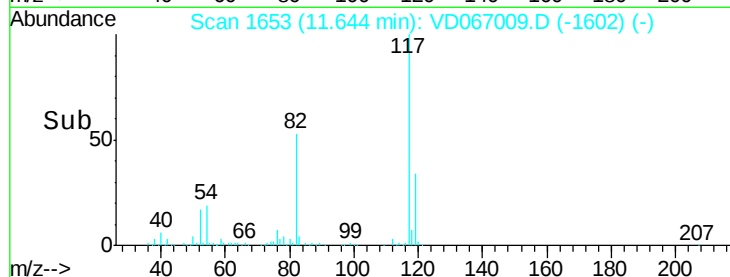
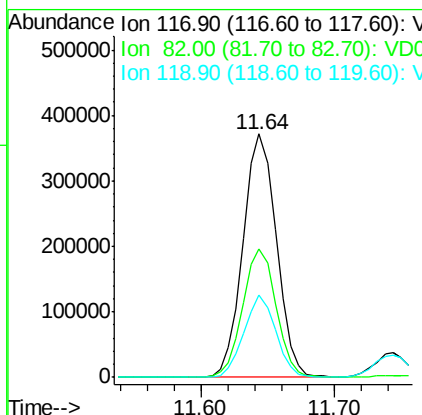
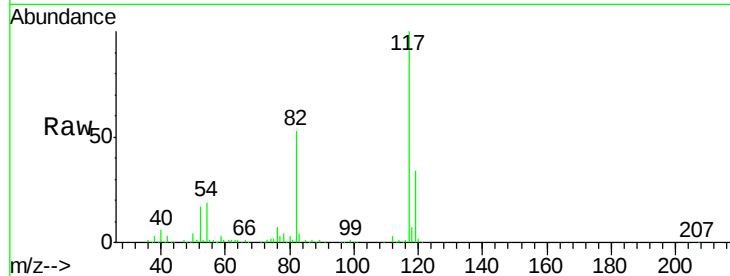
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Instrument :
MSVOA_D
ClientSampleId :
VD1001SBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.6	63.8
119	33.8	26.3	39.5

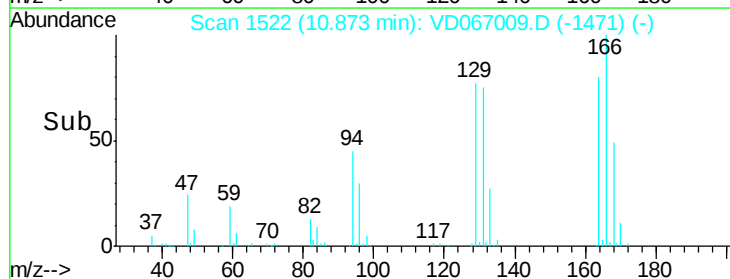
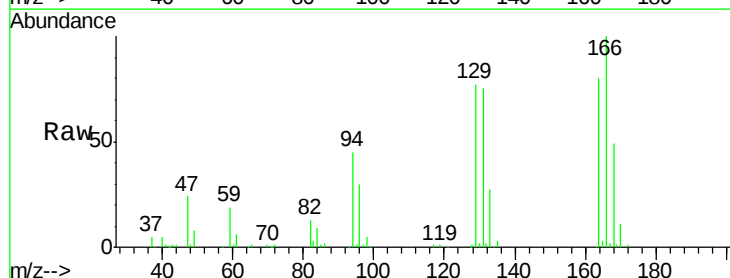
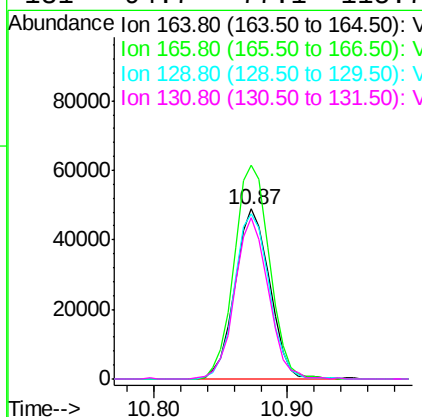
Manual Integrations
APPROVED

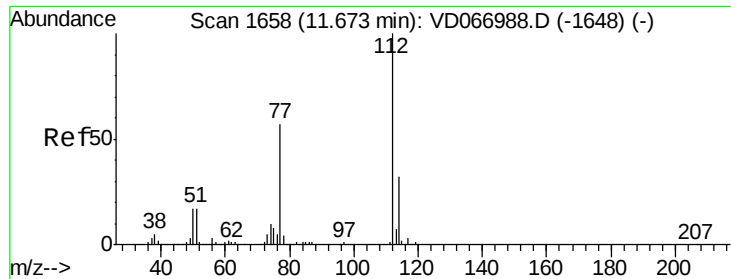
MMDadoda
10/2/2020 3:13:39 PM



#64
Tetrachloroethene
Concen: 18.781 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.7	104.4	156.6
129	96.9	81.3	121.9
131	94.7	77.1	115.7





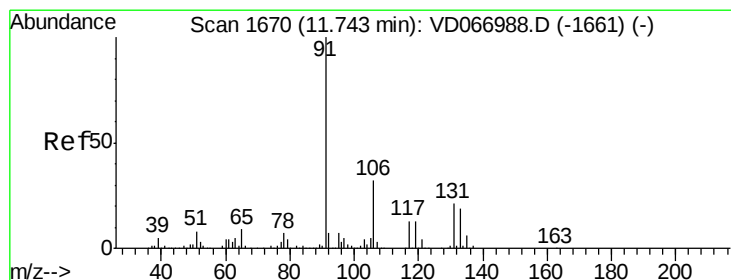
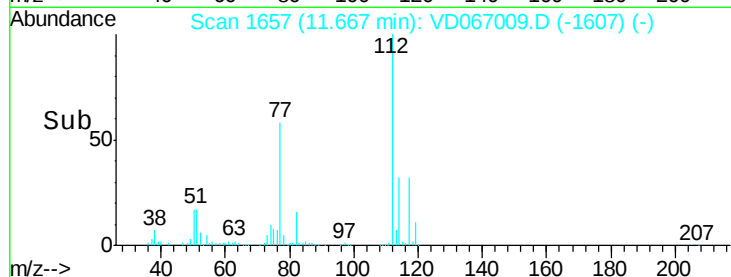
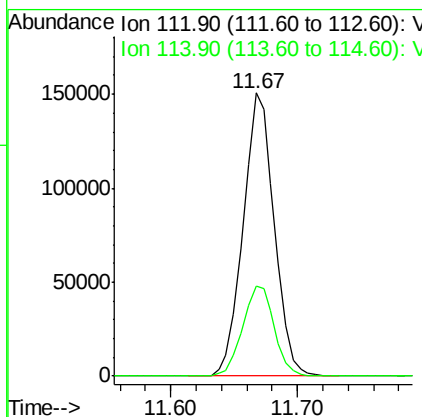
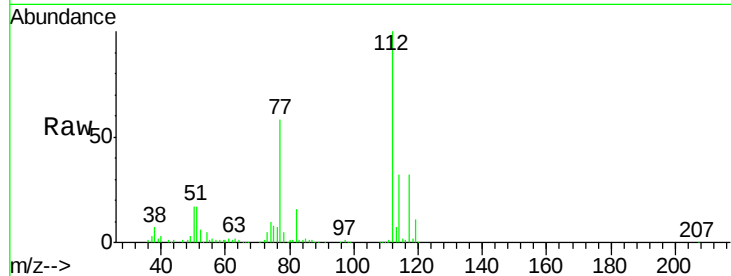
#65
Chlorobenzene
Concen: 19.967 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Instrument :
MSVOA_D
ClientSampleId :
VD1001SBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.4	38.0

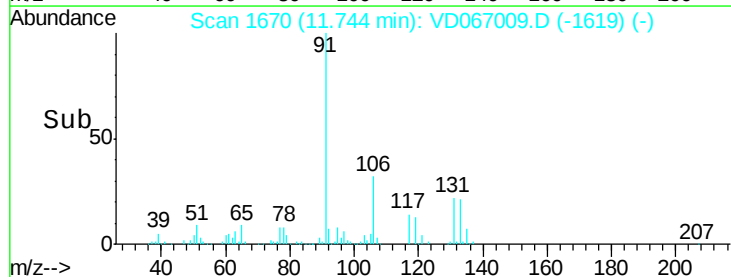
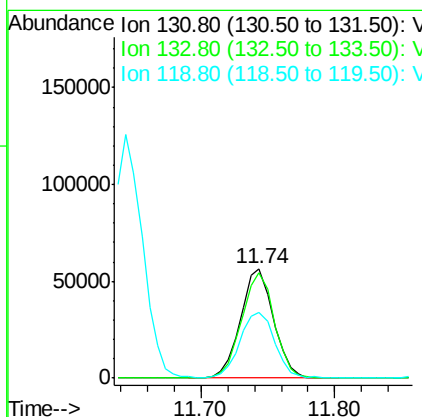
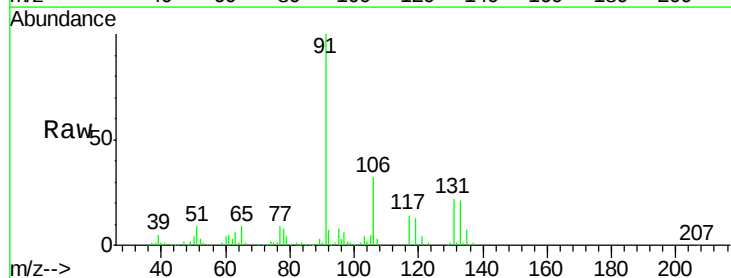
Manual Integrations
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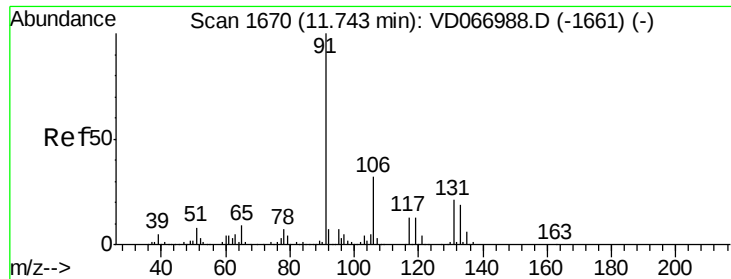
MMDadoda
10/2/2020 3:13:39 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.779 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.0	47.8	143.3
119	63.6	32.3	96.8





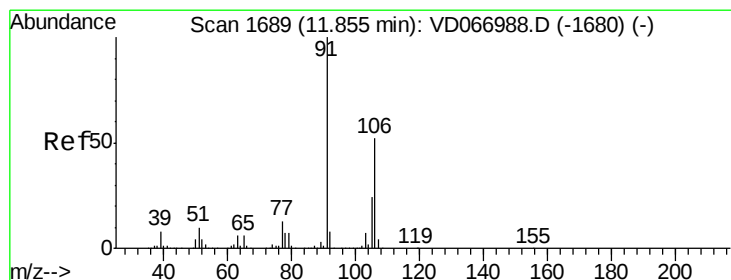
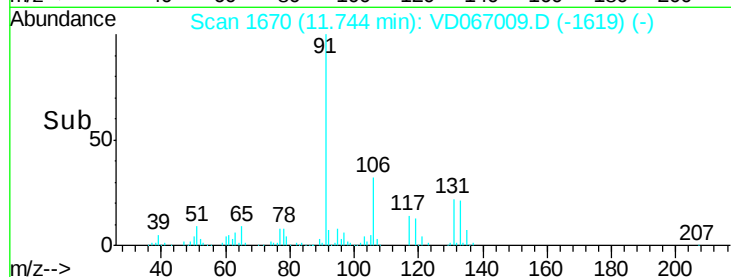
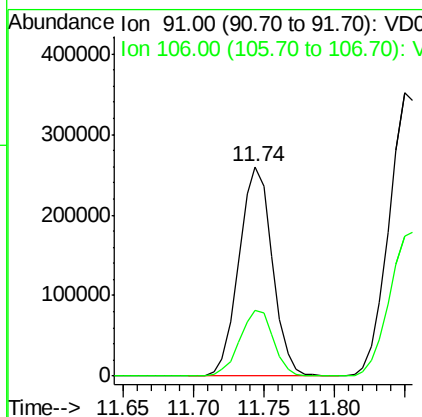
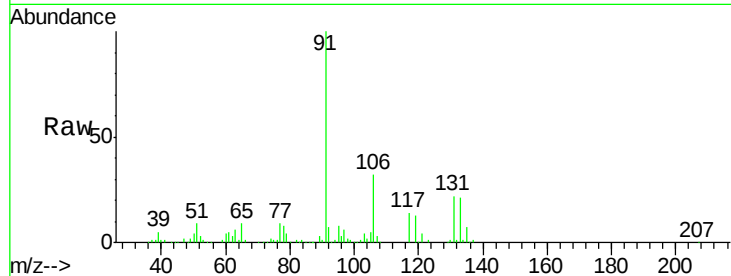
#67
Ethyl Benzene
Concen: 19.590 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Instrument :
MSVOA_D
ClientSampleId :
VD1001SBS02

Tot Ion: 91 Resp: 430947
Ion Ratio Lower Upper
91 100
106 31.6 25.4 38.2

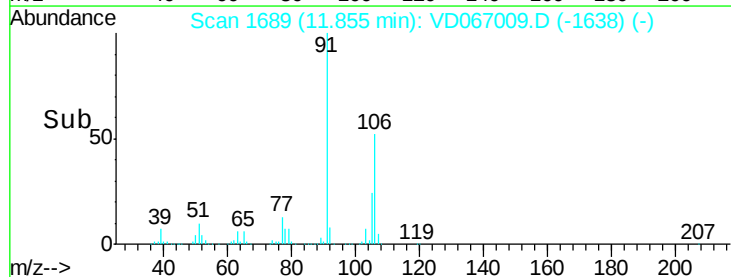
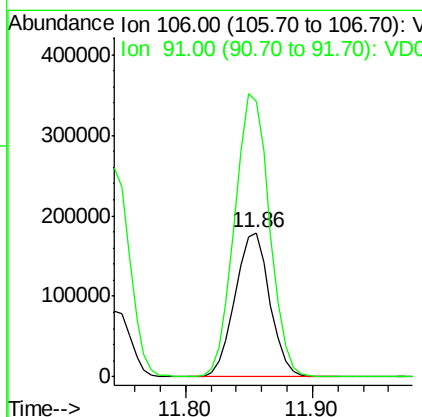
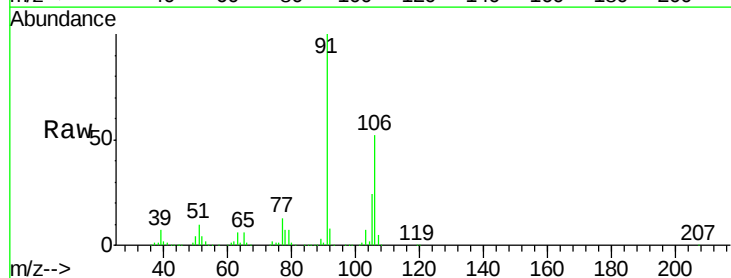
Manual Integrations
APPROVED

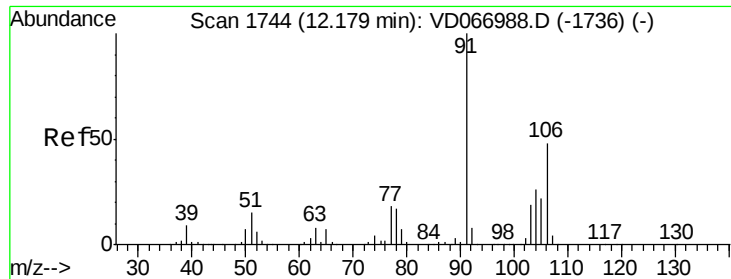
MMDadoda
10/2/2020 3:13:39 PM



#68
m/p-Xylenes
Concen: 39.584 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Tgt Ion: 106 Resp: 339353
Ion Ratio Lower Upper
106 100
91 197.7 158.4 237.6





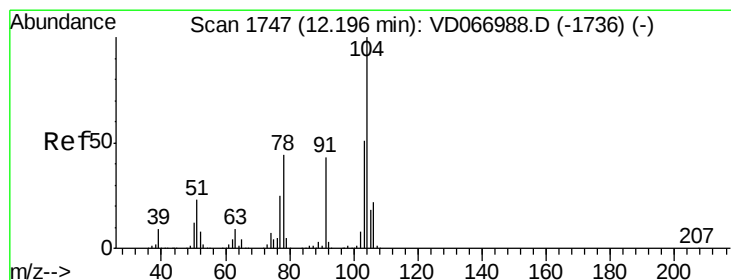
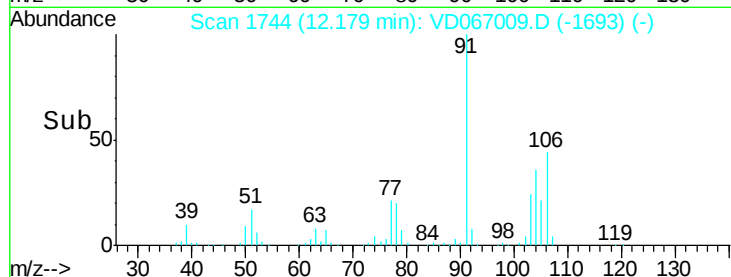
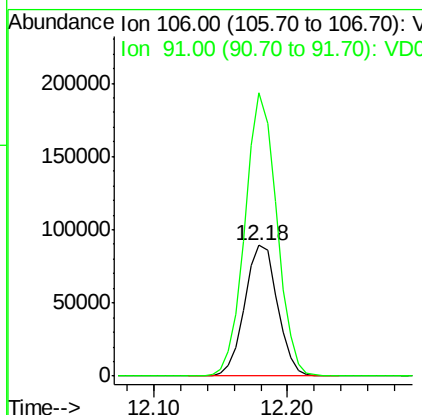
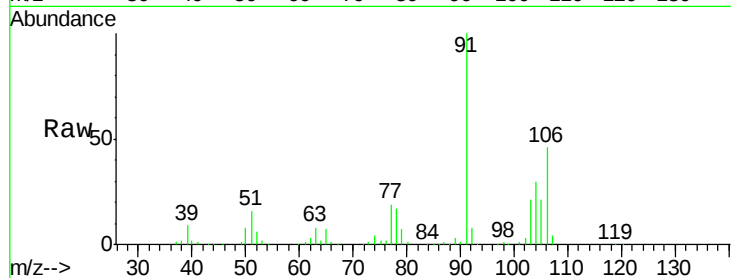
#69
o-Xylene
Concen: 19.736 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Instrument :
MSVOA_D
ClientSampleId :
VD1001SBS02

Tot Ion:106 Resp: 151305
Ion Ratio Lower Upper
106 100
91 209.8 102.4 307.2

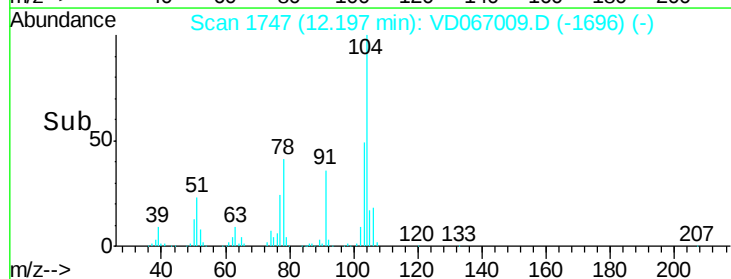
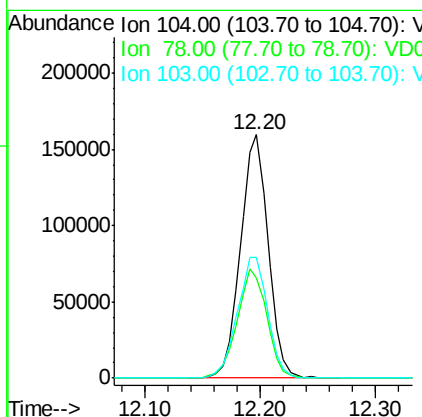
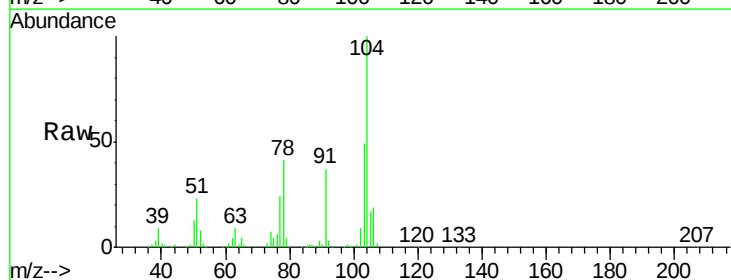
Manual Integrations
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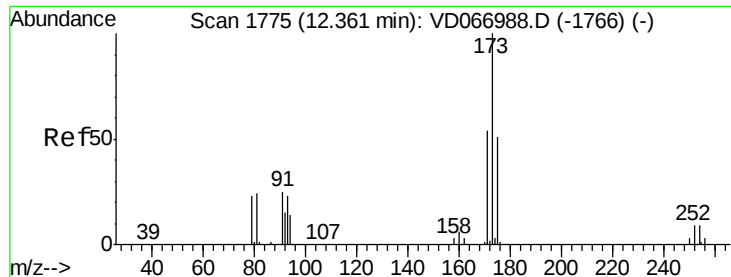
MMDadoda
10/2/2020 3:13:39 PM



#70
Styrene
Concen: 20.183 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Tgt Ion:104 Resp: 265698
Ion Ratio Lower Upper
104 100
78 47.8 38.6 58.0
103 54.3 43.4 65.0





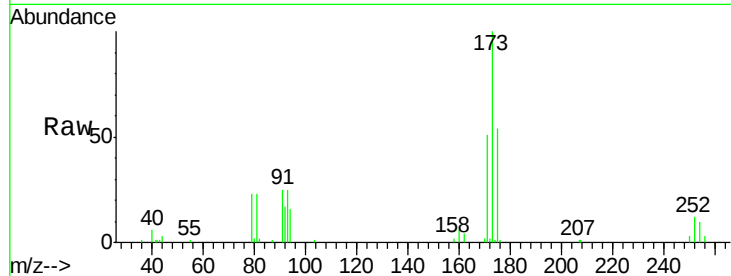
#71
Bromoform
Concen: 19.475 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Instrument :
MSVOA_D
ClientSampleId :
VD1001SBS02

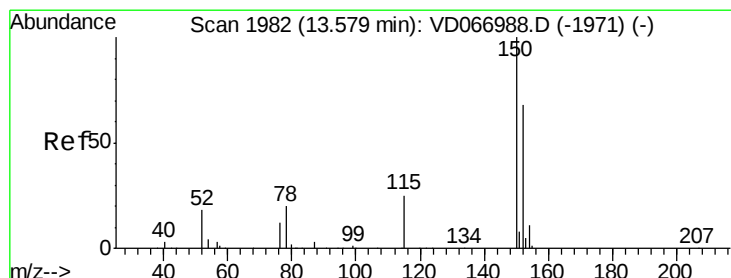
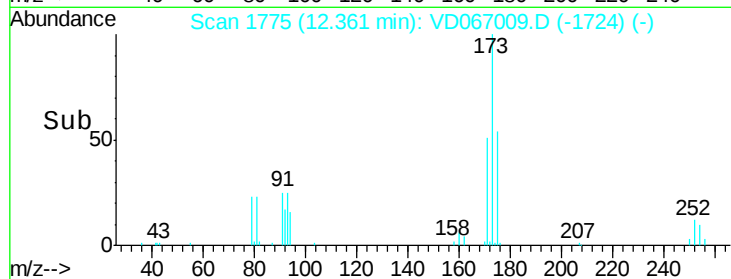
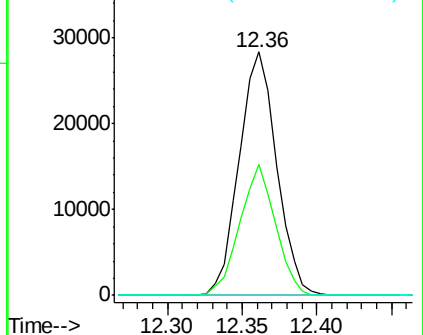
Tot Ion	Ratio	Lower	Upper
173	100		
175	51.0	24.9	74.7
254	0.0	0.2	0.4

Manual Integrations
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10/2/2020 3:13:39 PM

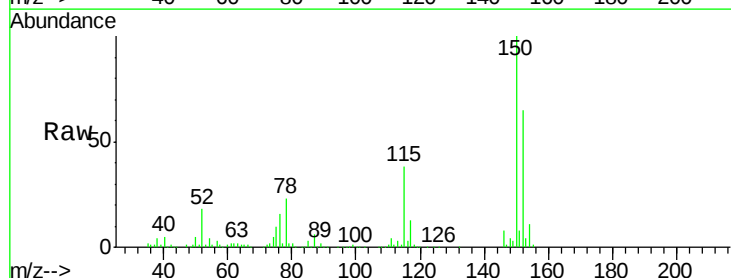


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

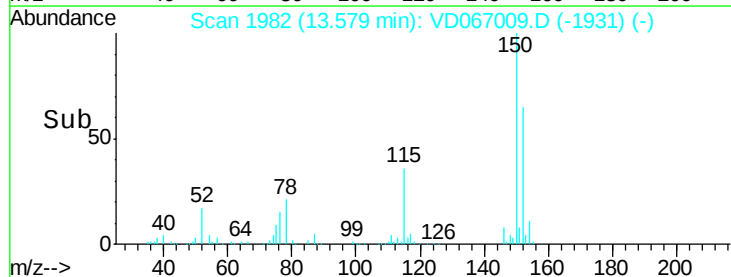
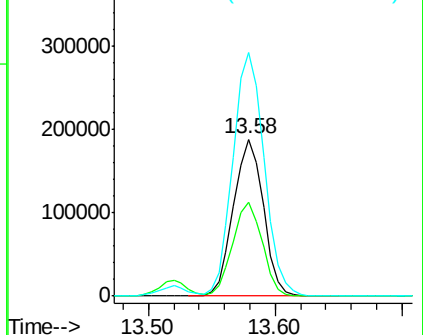


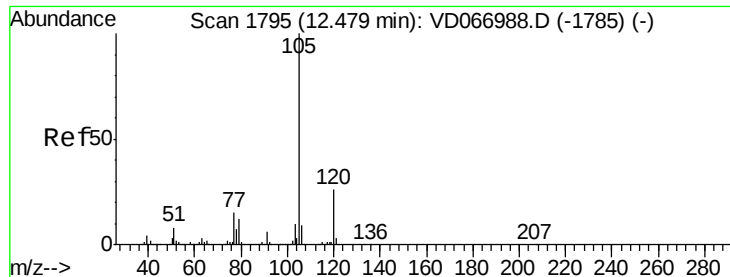
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.3	29.6	88.8
150	162.0	0.0	344.8



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





#73

Isopropylbenzene

Concen: 19.560 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Instrument :

MSVOA_D

ClientSampleId :

VD1001SBS02

Tot Ion: 105 Resp: 408063

Ion Ratio Lower Upper

105 100

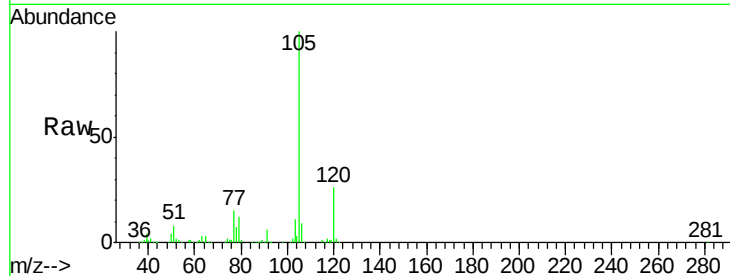
120 26.5 13.3 39.9

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

250000

200000

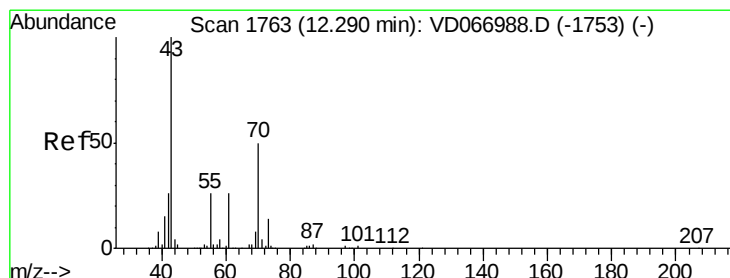
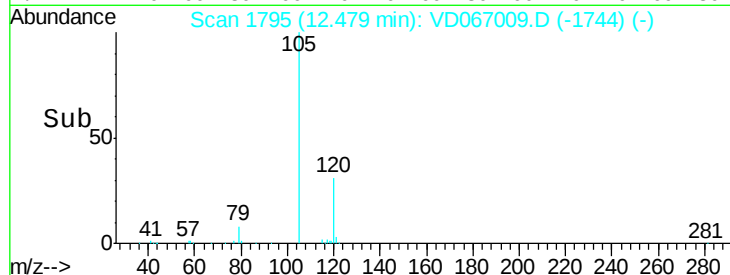
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 18.914 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Tgt Ion: 43 Resp: 70933

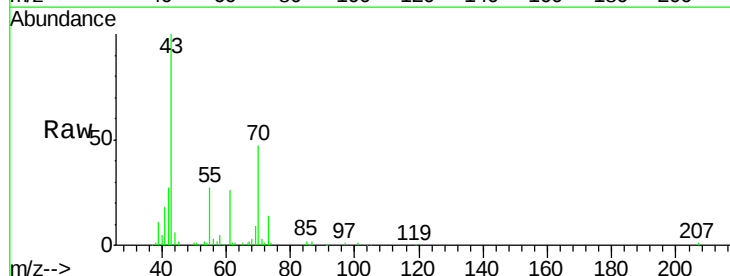
Ion Ratio Lower Upper

43 100

70 46.0 38.2 57.2

55 28.9 22.4 33.6

61 25.2 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

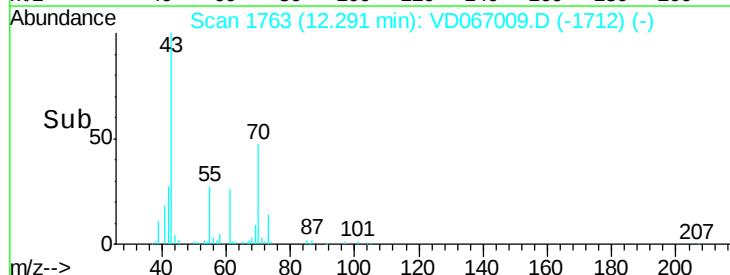
60000

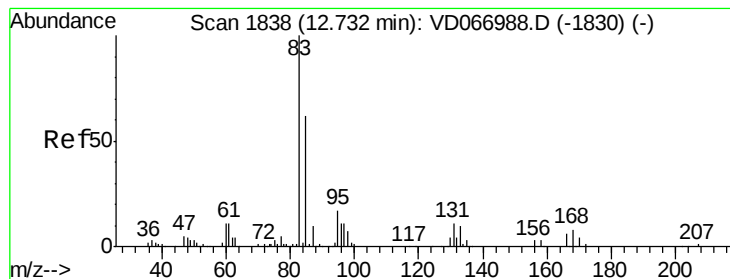
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.670 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Instrument :

MSVOA_D

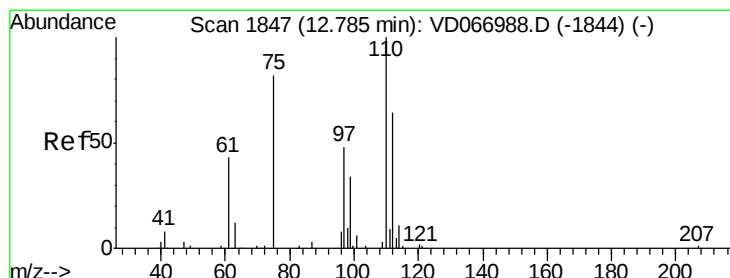
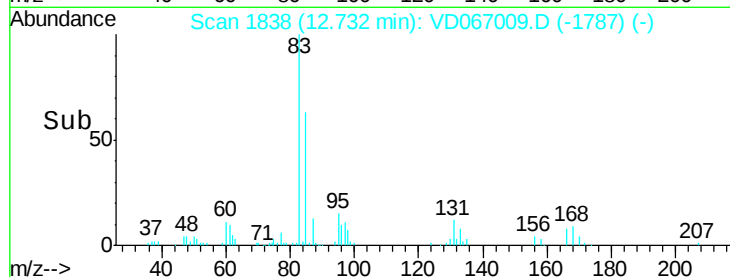
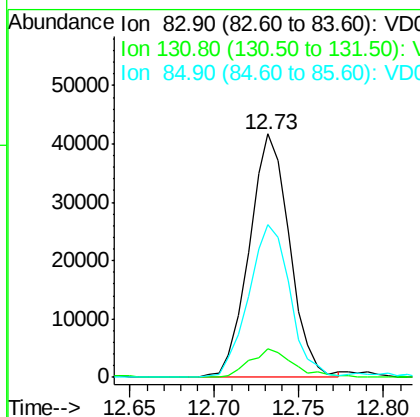
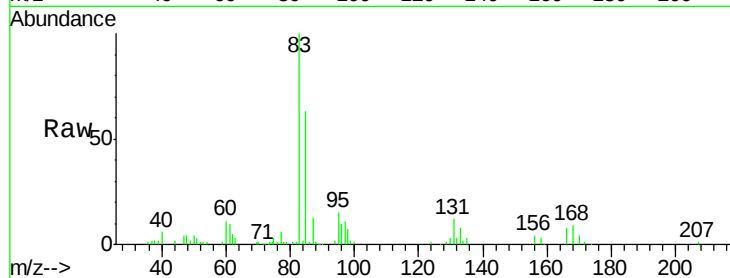
ClientSampleId :

VD1001SBS02

Tot Ion:	83	Resp:	69140
Ion	Ratio	Lower	Upper
83	100		
131	12.4	5.7	17.0
85	64.6	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 16.830 ug/l m

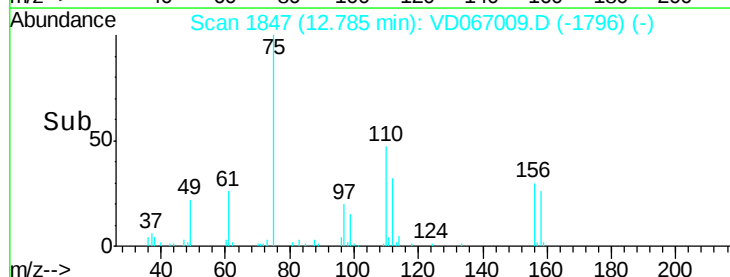
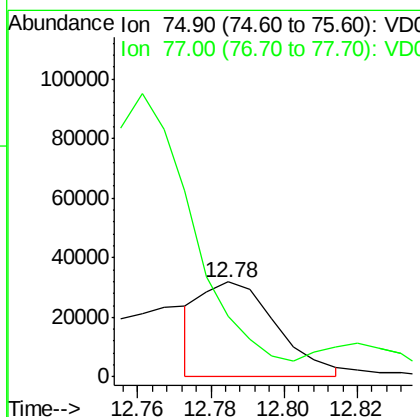
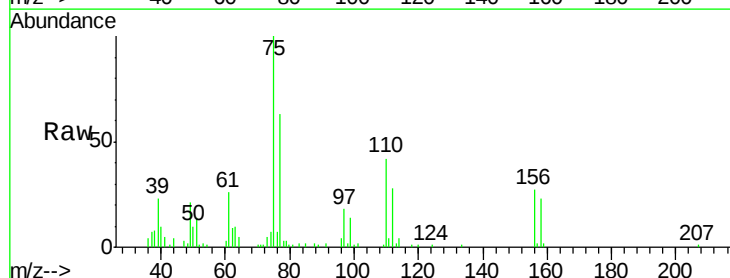
RT: 12.78 min Scan# 1847

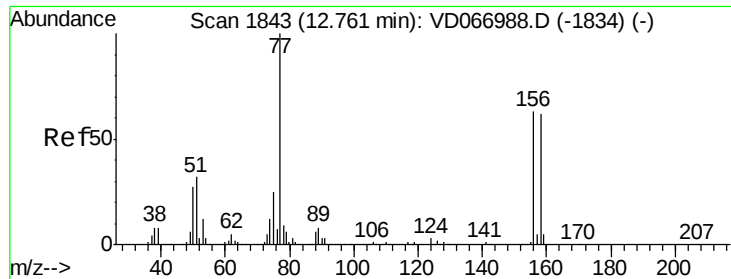
Delta R.T. 0.00 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Tgt Ion:	75	Resp:	45039
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.801 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Instrument :

MSVOA_D

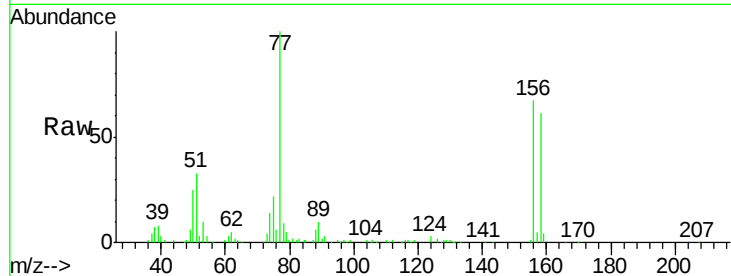
ClientSampleId :

VD1001SBS02

Tot Ion	Ratio	Lower	Upper
156	100		
77	168.3	86.3	258.8
158	95.4	49.5	148.3

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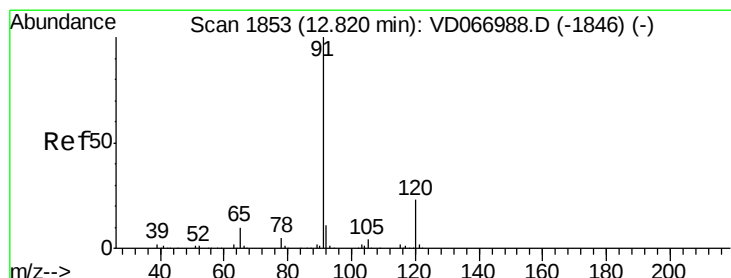
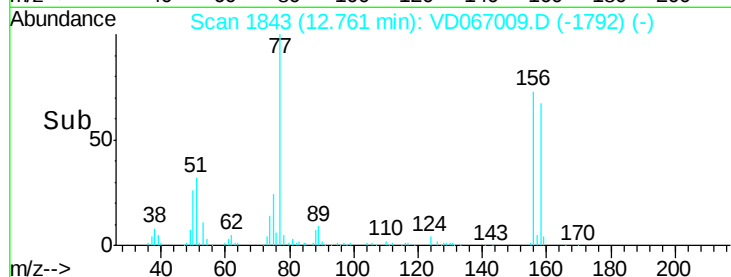
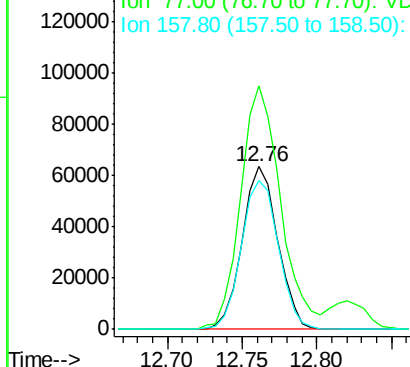
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.289 ug/l

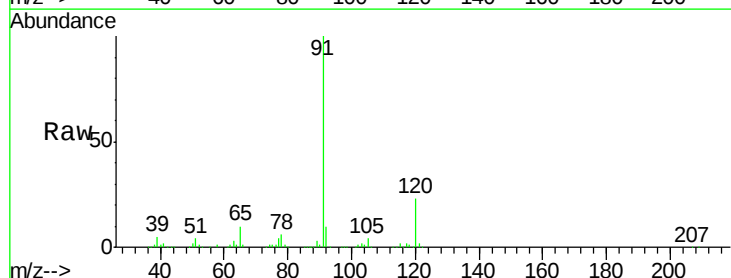
RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD067009.D

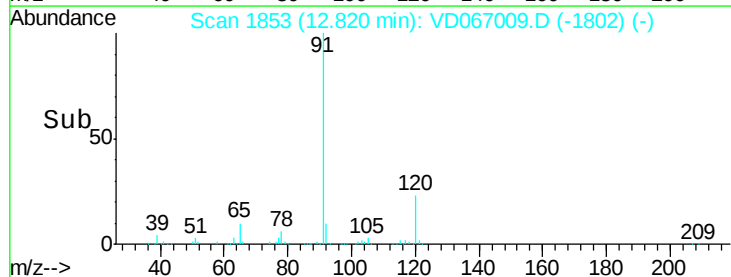
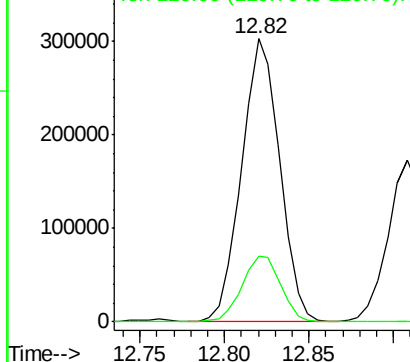
Acq: 02 Oct 2020 00:08

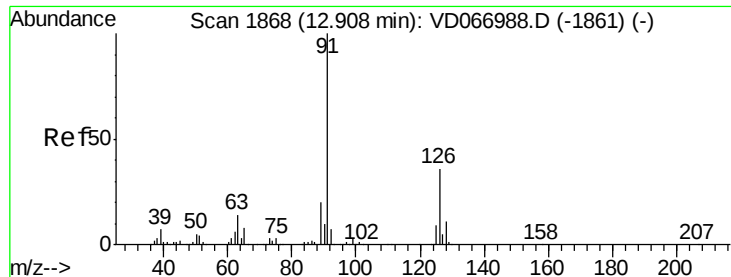
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.6	34.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





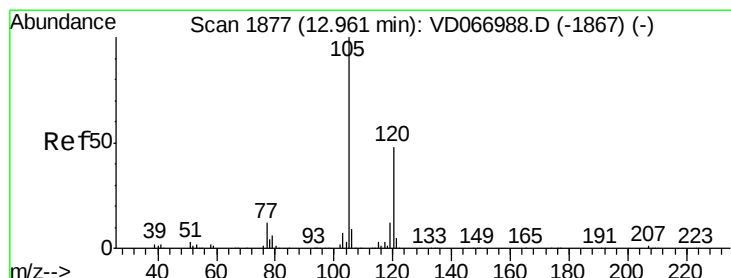
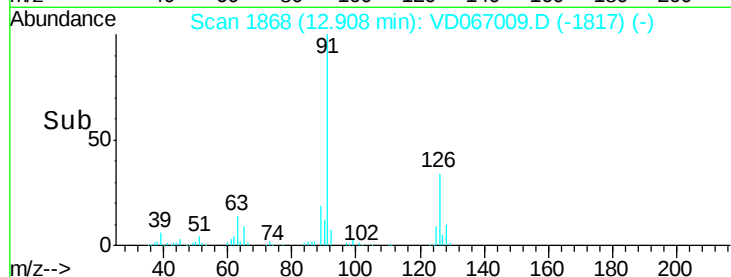
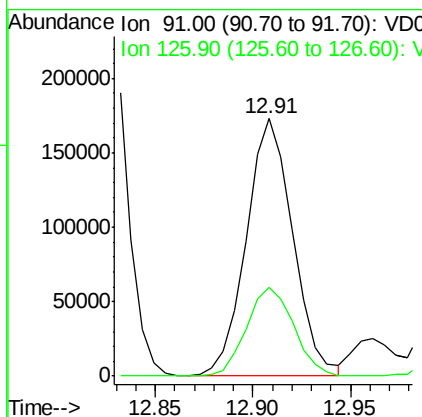
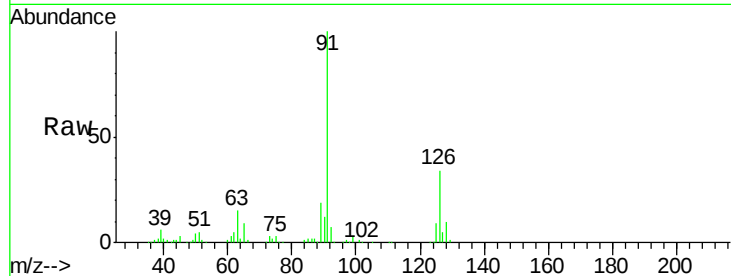
#79
2-Chlorotoluene
Concen: 20.174 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Instrument :
MSVOA_D
ClientSampleId :
VD1001SBS02

Tot Ion: 91 Resp: 284585
Ion Ratio Lower Upper
91 100
126 35.1 17.5 52.6

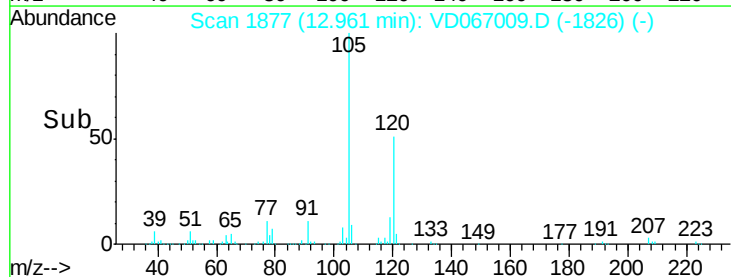
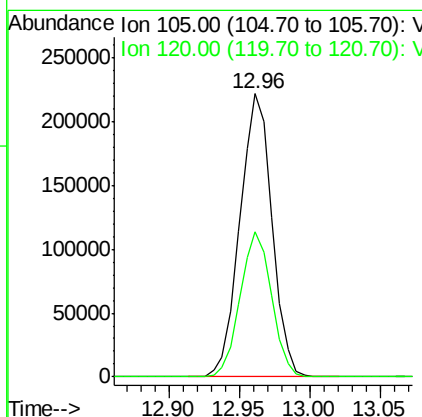
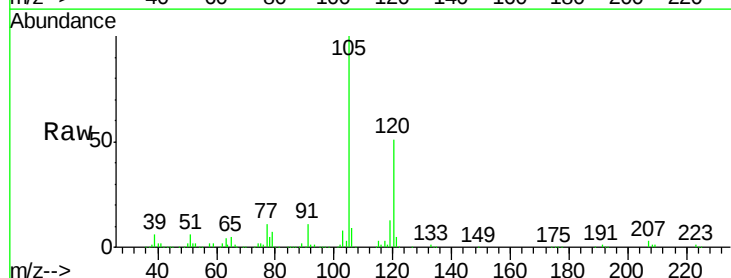
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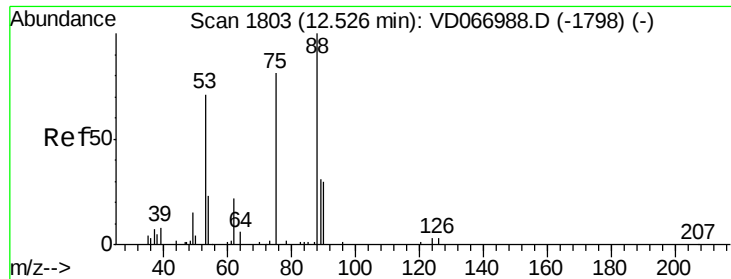
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 20.007 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Tgt Ion: 105 Resp: 352642
Ion Ratio Lower Upper
105 100
120 50.6 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 18.324 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Instrument :

MSVOA_D

ClientSampleId :

VD1001SBS02

Tot Ion: 75 Resp: 19669

Ion Ratio Lower Upper

75 100

53 92.2 73.8 110.6

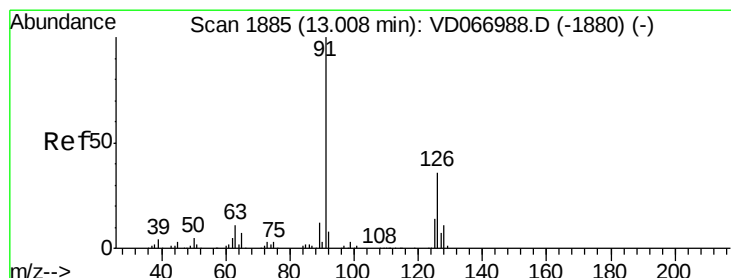
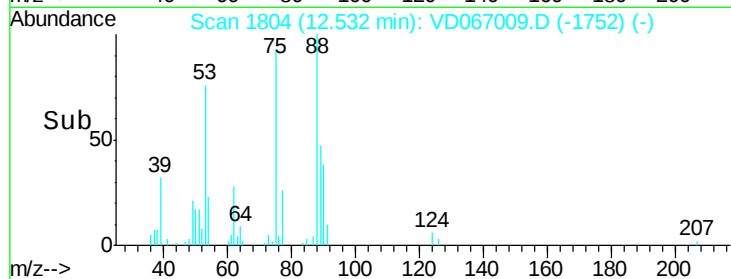
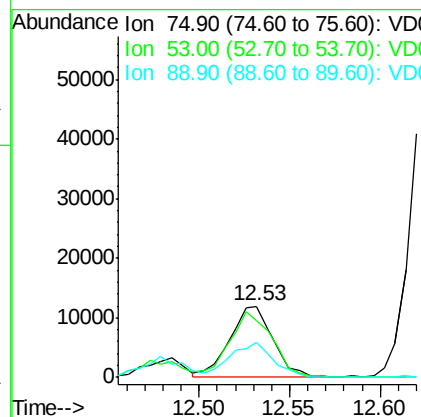
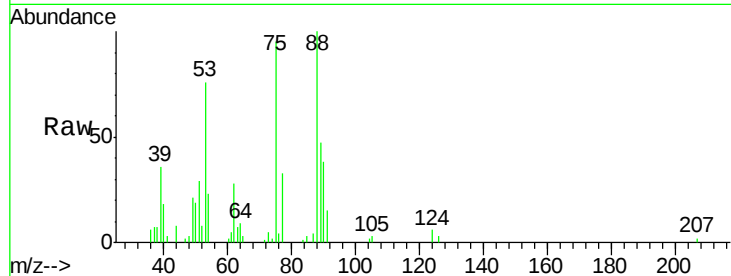
89 49.3 38.9 58.3

Manual Integrations

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#82

4-Chlorotoluene

Concen: 19.860 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD067009.D

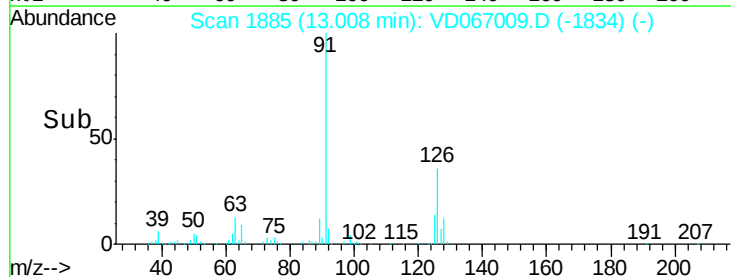
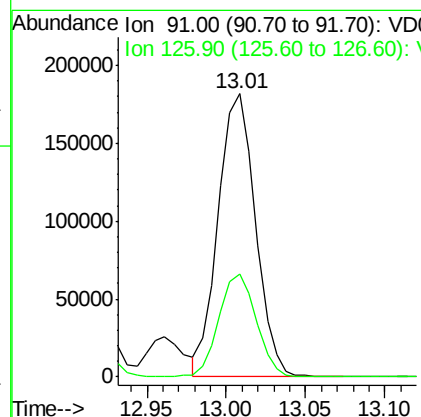
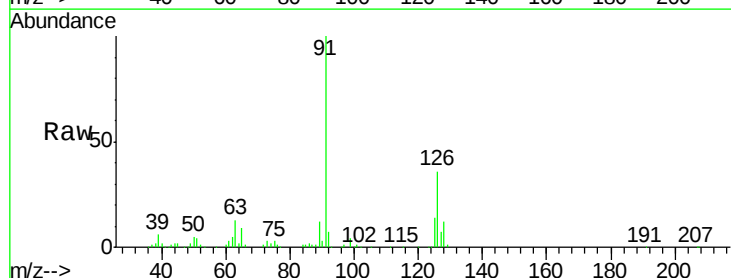
Acq: 02 Oct 2020 00:08

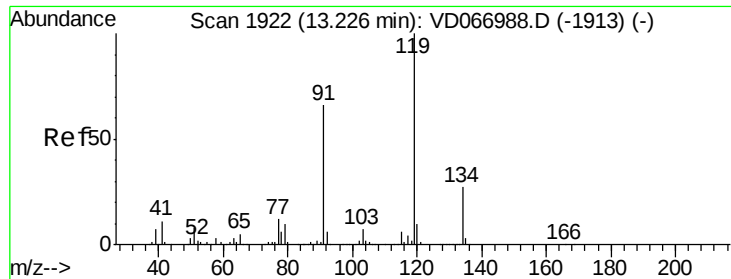
Tgt Ion: 91 Resp: 298073

Ion Ratio Lower Upper

91 100

126 36.3 17.5 52.5





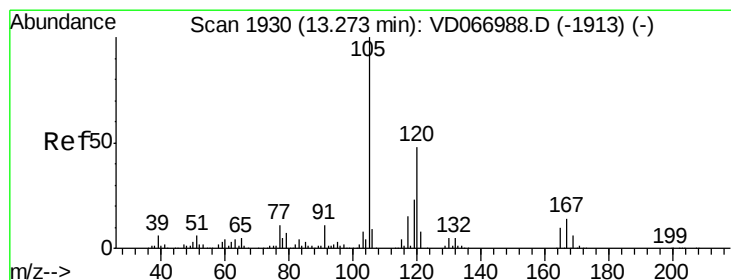
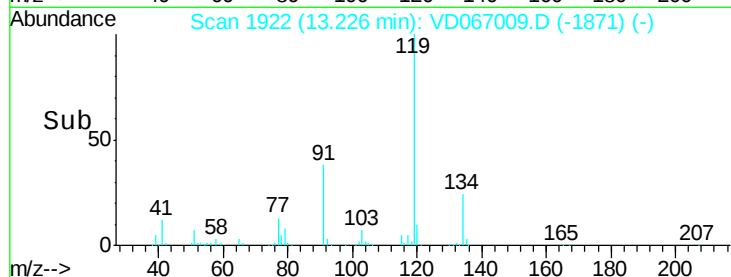
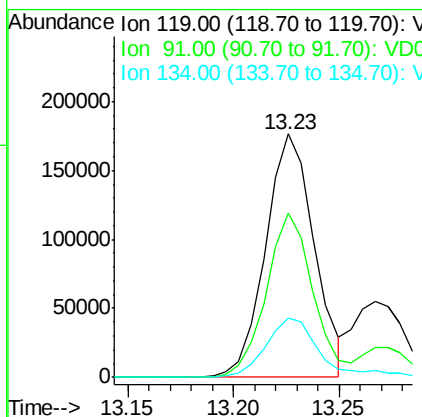
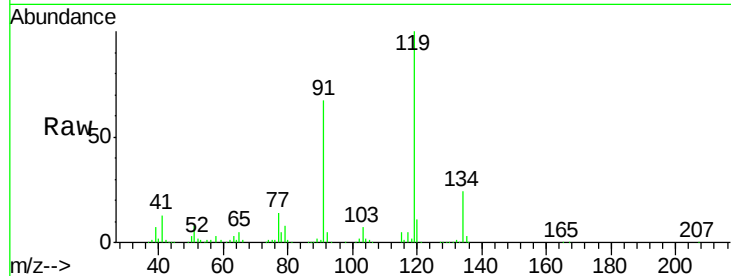
#83
tert-Butylbenzene
Concen: 19.063 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Instrument :
MSVOA_D
ClientSampleId :
VD1001SBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	282946		
91	65.2		32.8	98.3
134	27.2		13.9	41.7

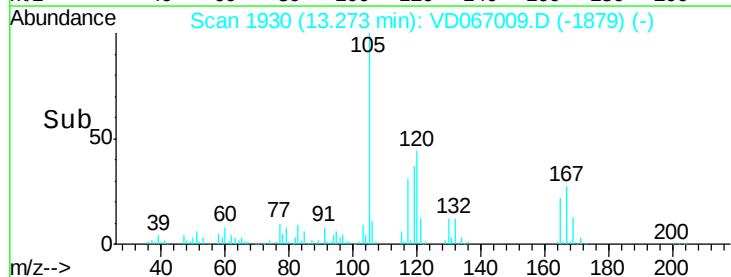
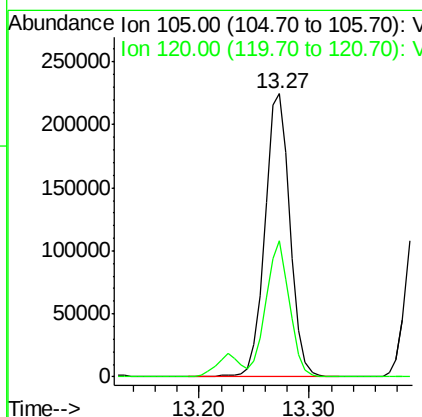
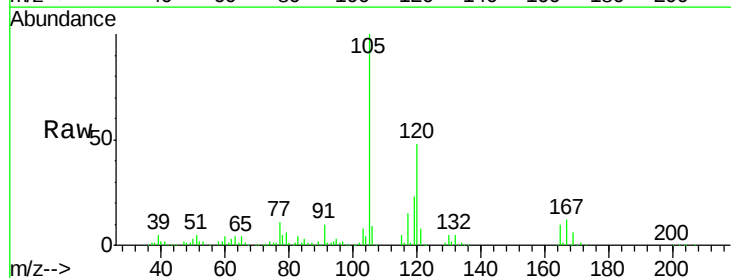
Manual Integrations
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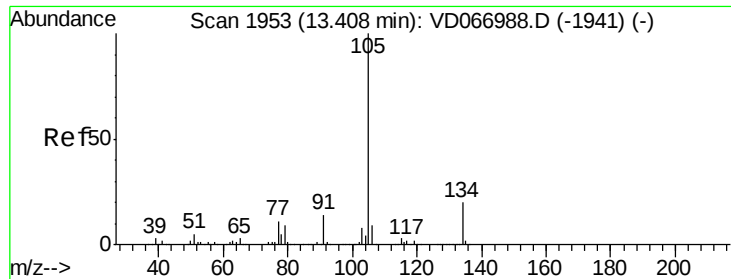
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 20.283 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	356789		
120	45.3		23.3	69.8





#85

sec-Butylbenzene

Concen: 19.389 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Instrument :

MSVOA_D

ClientSampleId :

VD1001SBS02

Tot Ion:105 Resp: 405277

Ion Ratio Lower Upper

105 100

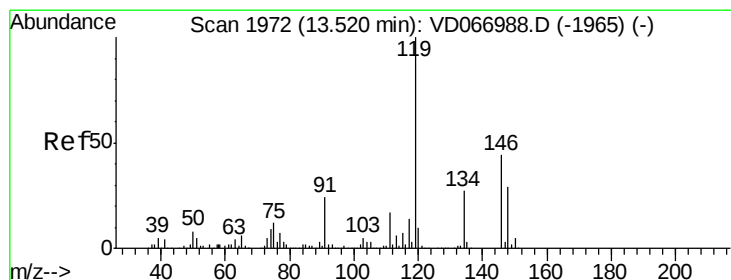
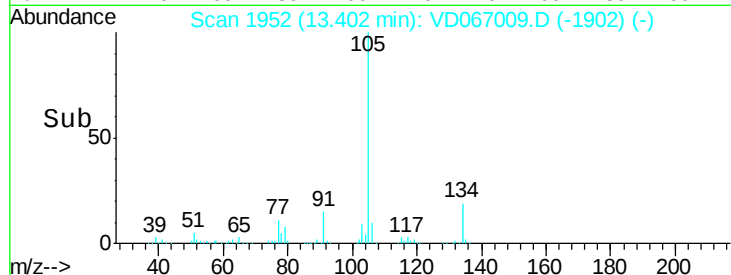
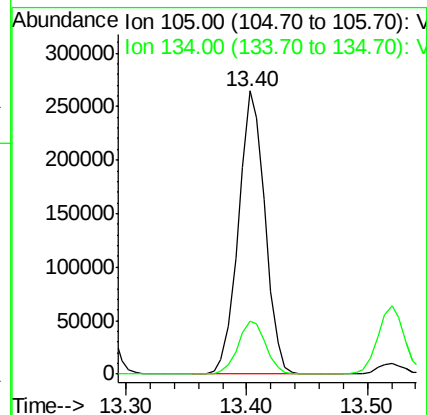
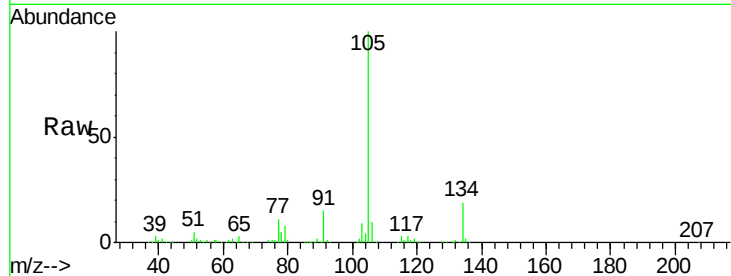
134 19.7 10.3 30.8

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 18.723 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

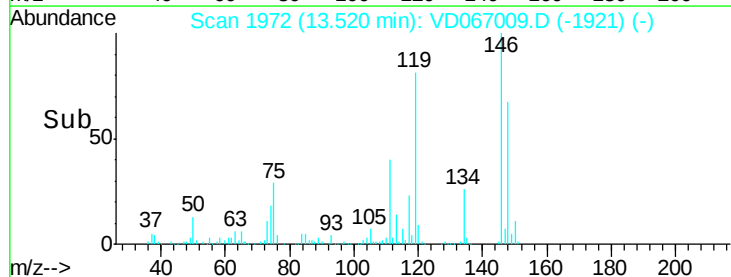
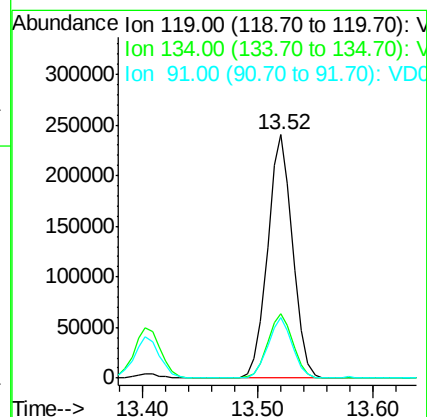
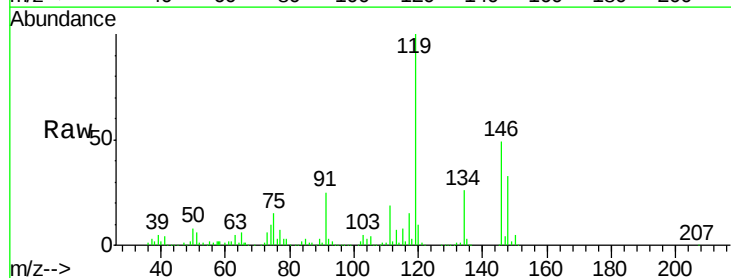
Tgt Ion:119 Resp: 362822

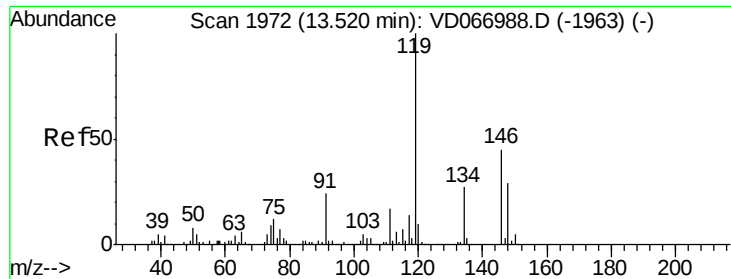
Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.1

91 24.2 11.7 35.1





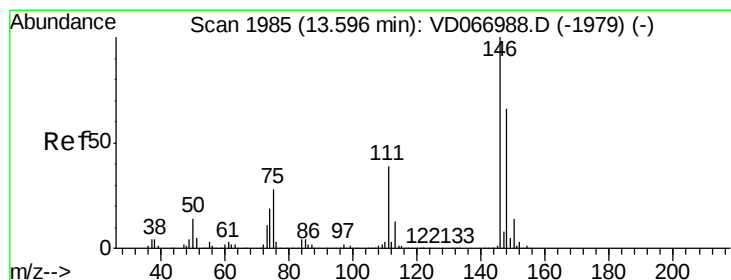
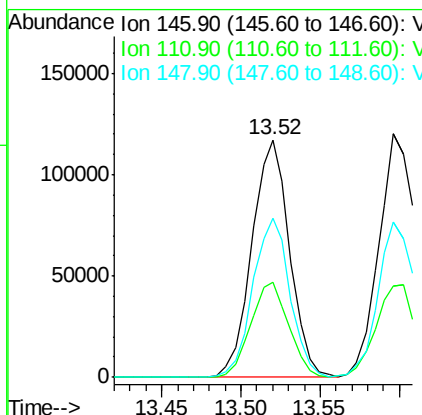
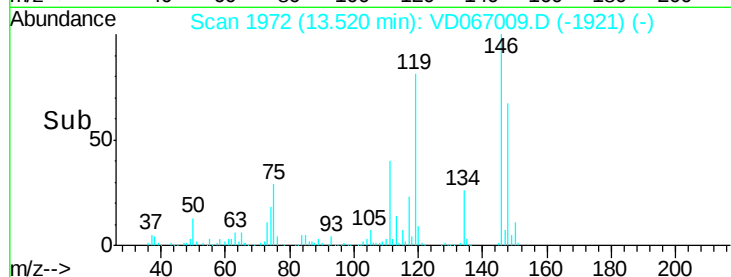
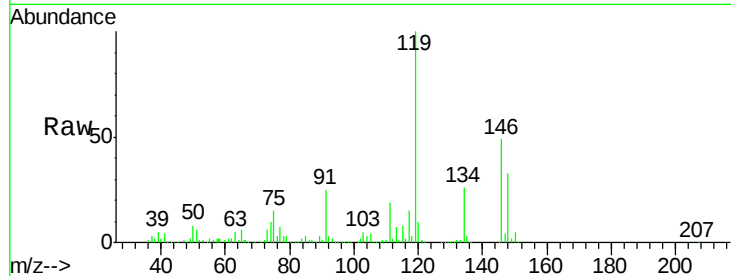
#87
 1,3-Dichlorobenzene
 Concen: 19.714 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067009.D
 Acq: 02 Oct 2020 00:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1001SBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	193437		
111	40.4	20.0	60.0	
148	66.1	31.9	95.9	

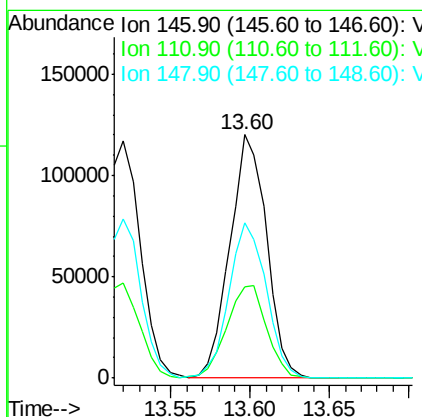
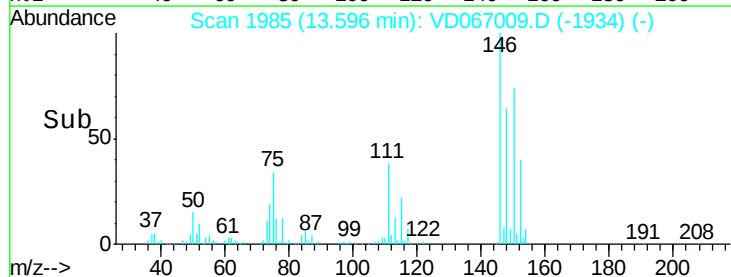
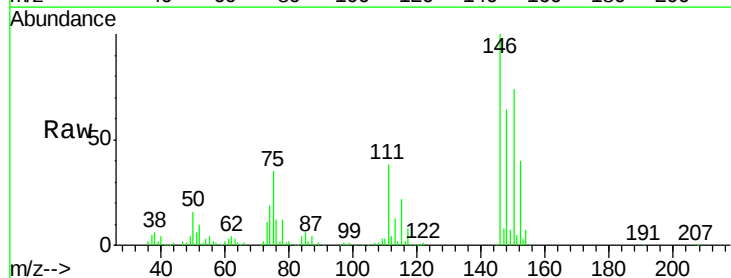
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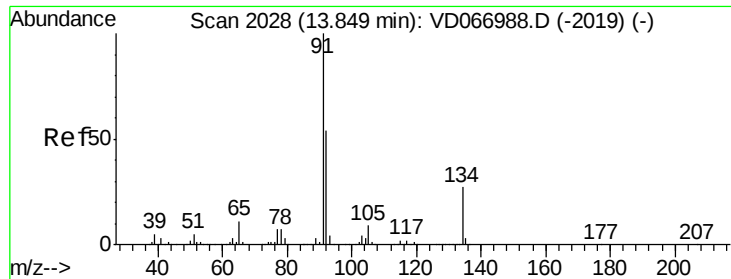
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 19.663 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD067009.D
 Acq: 02 Oct 2020 00:08

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	192916		
111	41.4	19.6	58.7	
148	64.9	32.6	97.7	





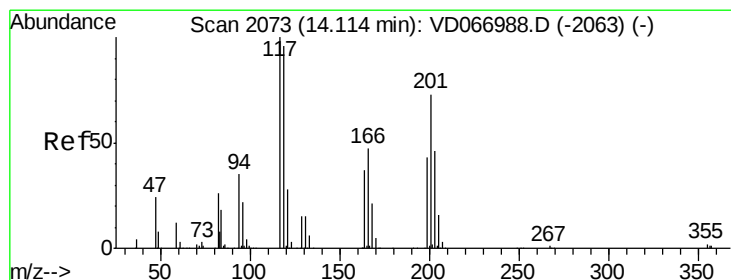
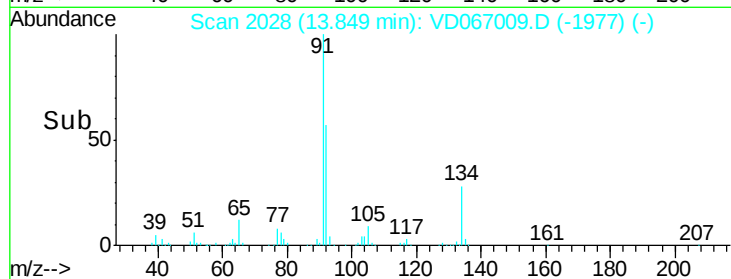
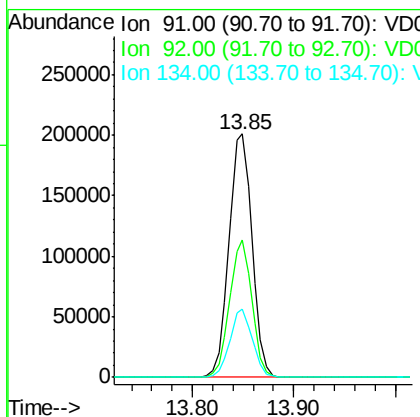
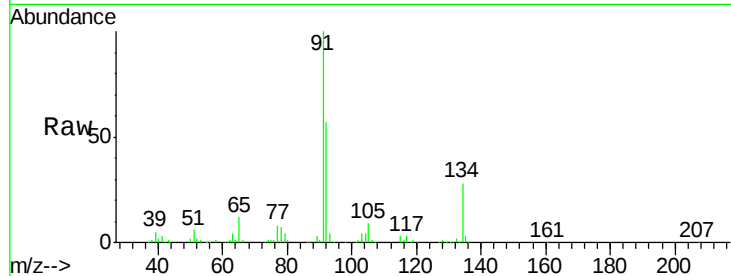
#89
n-Butylbenzene
Concen: 17.929 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Instrument :
MSVOA_D
ClientSampleId :
VD1001SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.1	81.2
134	27.2	13.6	40.8

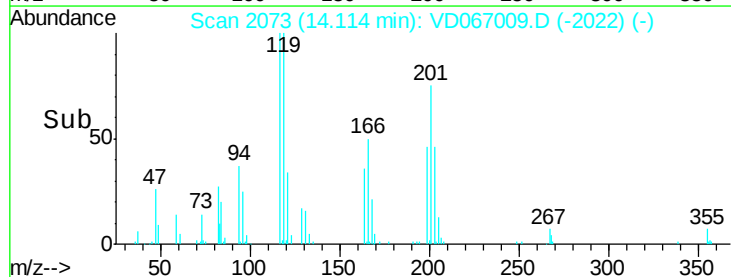
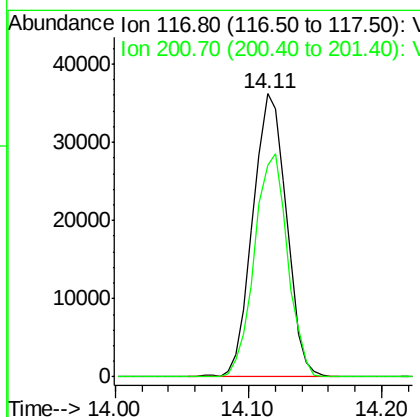
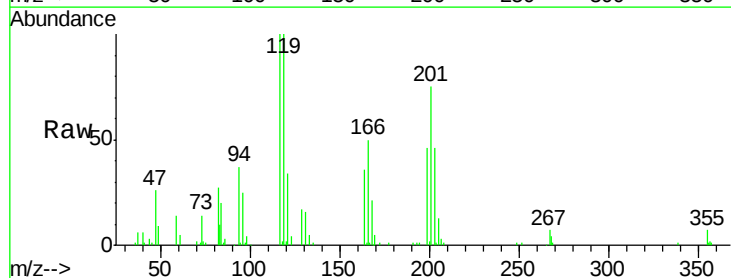
Manual Integrations
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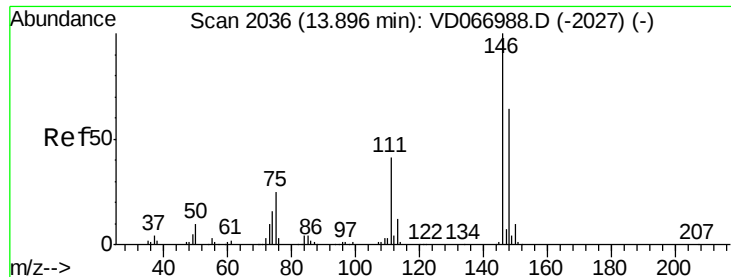
MMDadoda
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#90
Hexachloroethane
Concen: 18.587 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.3	37.0	110.9





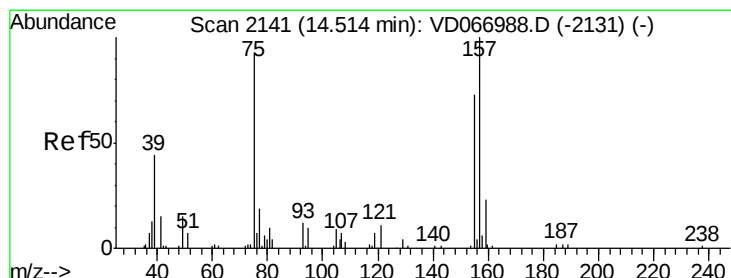
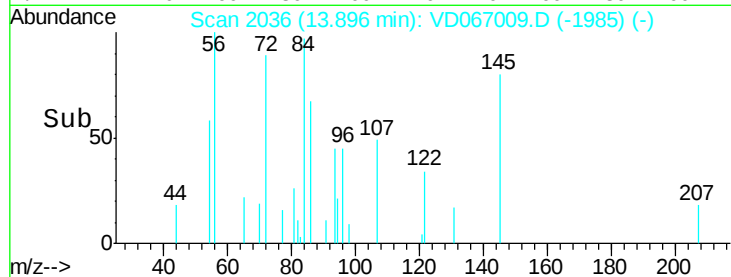
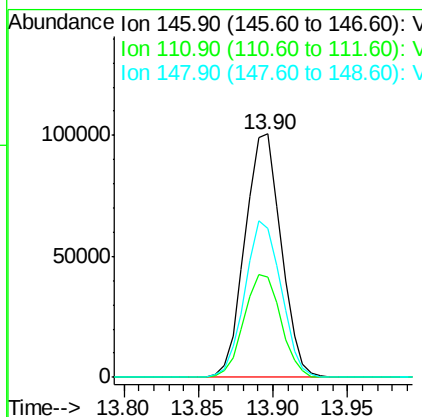
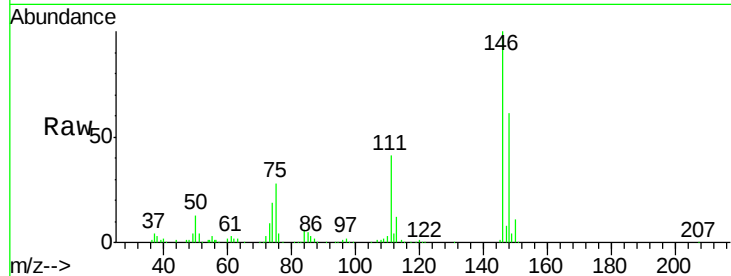
#91
 1,2-Dichlorobenzene
 Concen: 19.724 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067009.D
 Acq: 02 Oct 2020 00:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1001SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	20.9	62.7
148	64.5	32.3	96.9

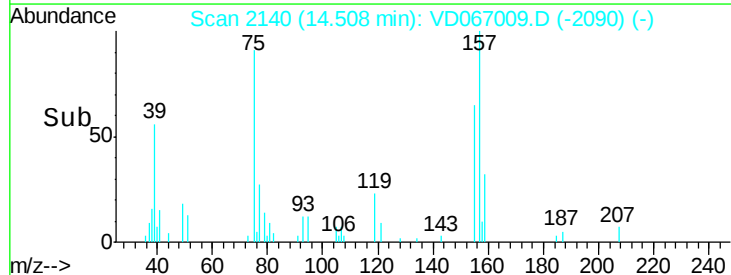
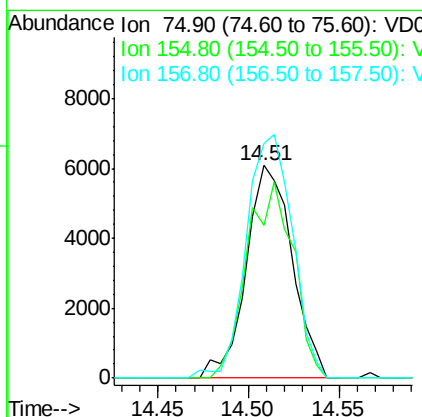
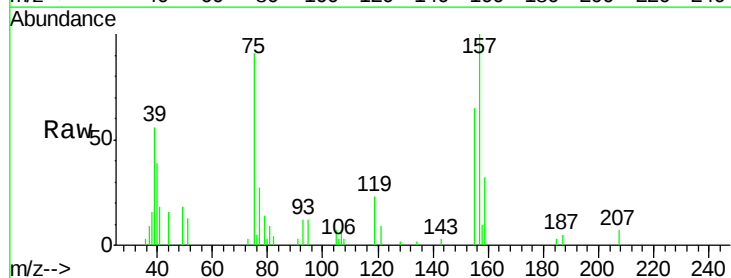
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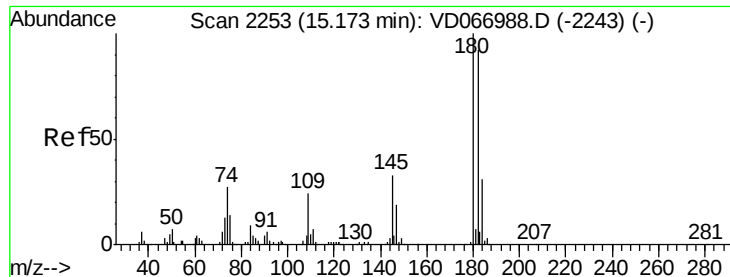
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.964 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067009.D
 Acq: 02 Oct 2020 00:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.0	45.2	135.6
157	114.9	56.3	168.8





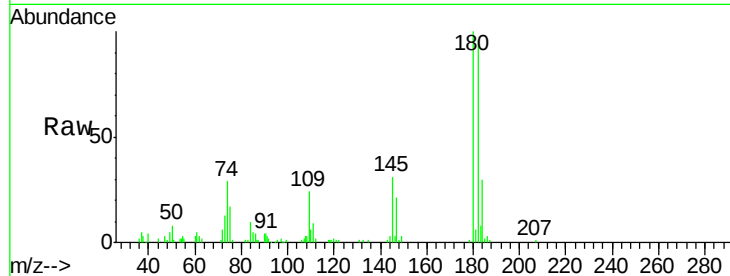
#93
 1,2,4-Trichlorobenzene
 Concen: 18.106 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067009.D
 Acq: 02 Oct 2020 00:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1001SBS02

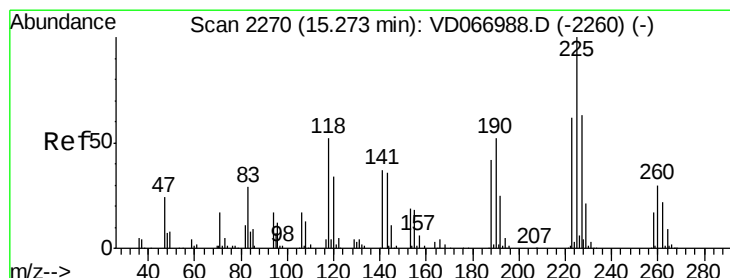
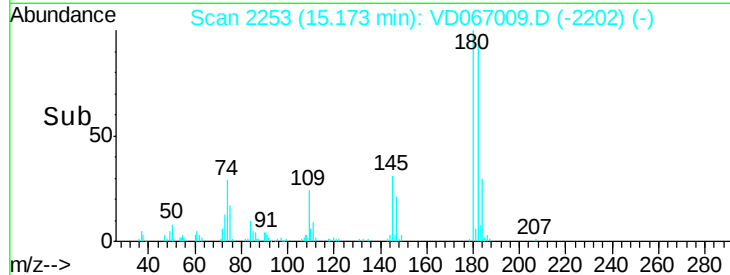
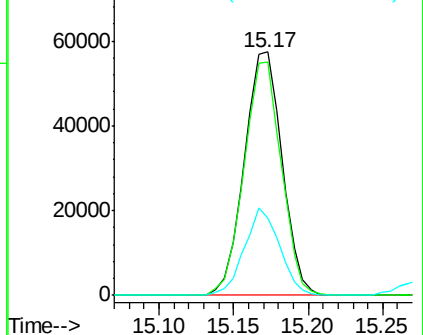
Tot Ion	Ratio	Resp	Lower	Upper
180	100	100361		
182	94.7	47.3	142.0	
145	33.3	16.4	49.1	

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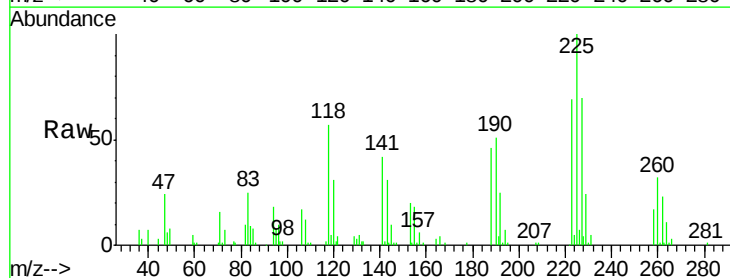


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

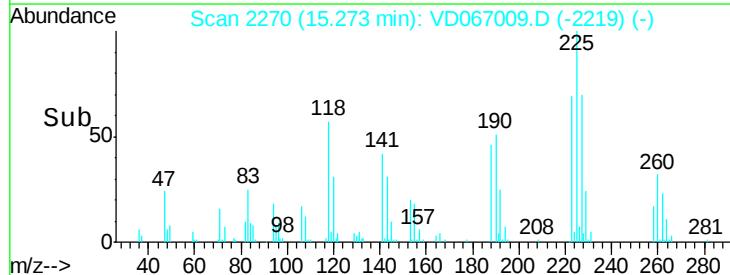
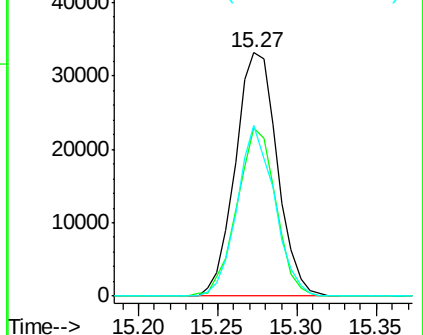


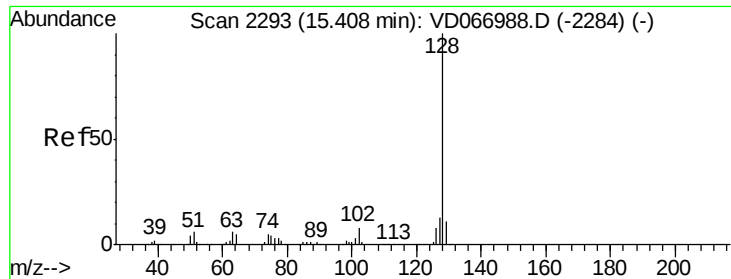
#94
 Hexachlorobutadiene
 Concen: 17.846 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD067009.D
 Acq: 02 Oct 2020 00:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	60750		
223	64.0	32.4	97.0	
227	62.3	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





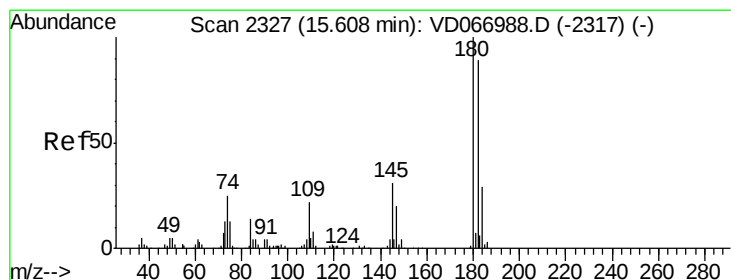
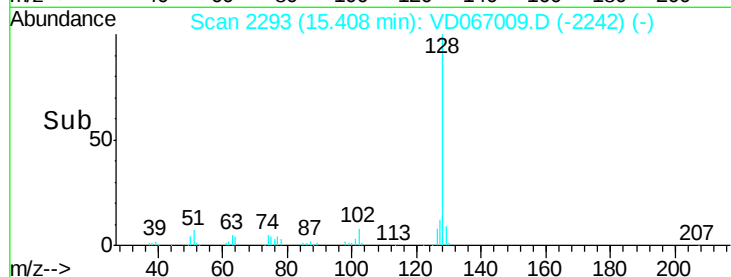
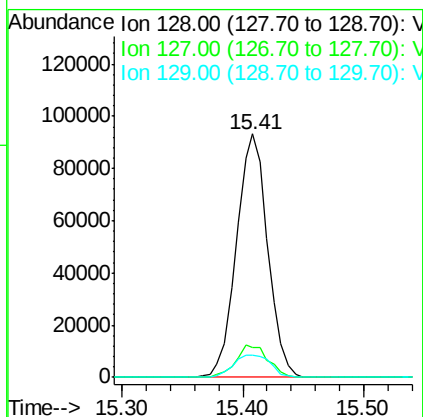
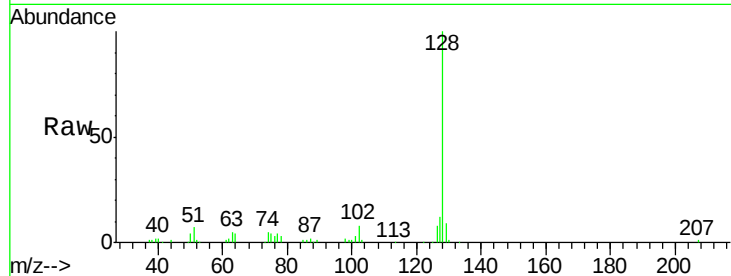
#95
Naphthalene
Concen: 18.113 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Instrument :
MSVOA_D
ClientSampleId :
VD1001SBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.3	15.5
129	11.0	8.6	13.0

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#96
1,2,3-Trichlorobenzene
Concen: 19.424 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.01 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	46.4	139.1
145	32.6	16.6	49.7

