

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090420\
 Data File : VD066556.D
 Acq On : 04 Sep 2020 12:05
 Operator : VA/SY
 Sample : VD0904SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0904SBS01

Manual Integrations
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 9/8/2020 5:42:43 PM

Quant Time: Sep 05 03:57:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	364665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	608662	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	552793	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	254212	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	233007	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	
35) Dibromofluoromethane	7.91	113	216149	52.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.28%	
50) Toluene-d8	10.34	98	800734	54.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.12%	
62) 4-Bromofluorobenzene	12.63	95	259599	53.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	75136	22.807	ug/l	91
3) Chloromethane	2.20	50	99163	21.502	ug/l	98
4) Vinyl Chloride	2.35	62	111661	21.830	ug/l	97
5) Bromomethane	2.76	94	73871	20.126	ug/l	85
6) Chloroethane	2.92	64	69796	21.484	ug/l	99
7) Trichlorofluoromethane	3.27	101	161918	21.429	ug/l	100
8) Diethyl Ether	3.71	74	36324	19.090	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.10	101	87106	21.300	ug/l	98
10) Methyl Iodide	4.30	142	71361	21.615	ug/l	98
11) Tert butyl alcohol	5.21	59	35410	101.297	ug/l	97
12) 1,1-Dichloroethene	4.06	96	79991	21.772	ug/l	98
13) Acrolein	3.92	56	17639	97.775	ug/l	92
14) Allyl chloride	4.71	41	120707	20.047	ug/l	97
15) Acrylonitrile	5.42	53	83298	101.910	ug/l	99
16) Acetone	4.16	43	87263	107.491	ug/l	91
17) Carbon Disulfide	4.40	76	256869	21.267	ug/l	100
18) Methyl Acetate	4.71	43	38286	19.784	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	168302	19.534	ug/l	95
20) Methylene Chloride	4.97	84	103974	19.458	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	90081	20.647	ug/l	96
22) Diisopropyl ether	6.36	45	260160	21.011	ug/l #	96
23) Vinyl Acetate	6.30	43	727838	103.293	ug/l	100
24) 1,1-Dichloroethane	6.26	63	161576	20.750	ug/l	99
25) 2-Butanone	7.21	43	110751	101.628	ug/l	94
26) 2,2-Dichloropropane	7.20	77	149051	20.868	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	96548	20.578	ug/l	100
28) Bromochloromethane	7.54	49	55134	18.391	ug/l	99
29) Tetrahydrofuran	7.56	42	69782	102.817	ug/l	96
30) Chloroform	7.71	83	169699	20.600	ug/l	89
31) Cyclohexane	7.98	56	151162	21.001	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	159392	20.580	ug/l	97
36) 1,1-Dichloropropene	8.11	75	132911	20.983	ug/l	100
37) Ethyl Acetate	7.29	43	52934	20.986	ug/l	100
38) Carbon Tetrachloride	8.09	117	141510	21.136	ug/l	95

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Manual Integrations
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	148156	20.946	ug/l	98
40) Benzene	8.35	78	360950	20.806	ug/l	93
41) Methacrylonitrile	7.52	41	24713	20.241	ug/l #	63
42) 1,2-Dichloroethane	8.42	62	112479	20.011	ug/l	100
43) Isopropyl Acetate	8.45	43	93530	19.350	ug/l	98
44) Trichloroethene	9.11	130	93092	20.457	ug/l	95
45) 1,2-Dichloropropane	9.38	63	91173	20.898	ug/l	95
46) Dibromomethane	9.47	93	47284	19.644	ug/l	99
47) Bromodichloromethane	9.66	83	131474	20.189	ug/l	95
48) Methyl methacrylate	9.45	41	47229	19.323	ug/l	96
49) 1,4-Dioxane	9.46	88	11195	423.947	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	244743	100.396	ug/l	97
52) Toluene	10.40	92	227112	20.681	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	119235	20.741	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	143945	20.851	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	63892	20.645	ug/l	98
56) Ethyl methacrylate	10.66	69	70121	19.460	ug/l	95
57) 1,3-Dichloropropane	10.94	76	108692	20.051	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	186338	113.057	ug/l	100
59) 2-Hexanone	10.98	43	162394	99.059	ug/l	98
60) Dibromochloromethane	11.14	129	81967	20.029	ug/l	98
61) 1,2-Dibromoethane	11.24	107	60894	20.225	ug/l	99
64) Tetrachloroethene	10.87	164	77790	20.900	ug/l	92
65) Chlorobenzene	11.67	112	235883	20.675	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	87555	20.107	ug/l	98
67) Ethyl Benzene	11.74	91	419999	20.048	ug/l	98
68) m/p-Xylenes	11.85	106	322278	41.431	ug/l	97
69) o-Xylene	12.18	106	135802	19.481	ug/l	95
70) Styrene	12.20	104	248271	20.485	ug/l	99
71) Bromoform	12.36	173	44696	20.368	ug/l #	99
73) Isopropylbenzene	12.48	105	400882	21.299	ug/l	99
74) N-amyl acetate	12.29	43	83032	19.478	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	69228	20.820	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	53283m	21.794	ug/l	
77) Bromobenzene	12.76	156	86027	20.501	ug/l	99
78) n-propylbenzene	12.82	91	490346	21.491	ug/l	100
79) 2-Chlorotoluene	12.91	91	270732	21.151	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	344736	21.761	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	20821	19.883	ug/l	99
82) 4-Chlorotoluene	13.01	91	291969	21.330	ug/l	99
83) tert-Butylbenzene	13.23	119	274096	21.188	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	336634	21.344	ug/l	97
85) sec-Butylbenzene	13.40	105	397106	21.306	ug/l	99
86) p-Isopropyltoluene	13.52	119	359849	21.451	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	175332	21.047	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	173254	20.721	ug/l	99
89) n-Butylbenzene	13.85	91	344027	21.045	ug/l	99
90) Hexachloroethane	14.11	117	72248	19.988	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	147818	20.301	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	9159	16.215	ug/l	84

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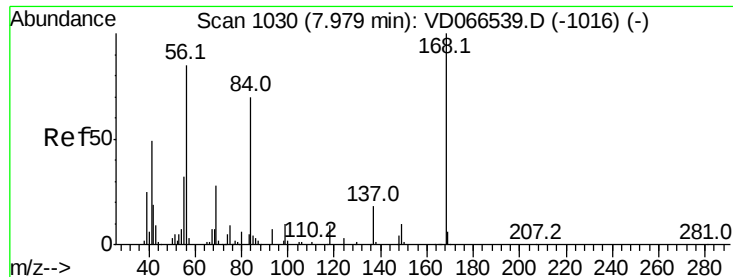
Manual Integrations
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Quant Time: Sep 05 03:57:04 2020
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Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	85960	19.671	ug/l	98
94) Hexachlorobutadiene	15.27	225	53993	20.566	ug/l	96
95) Naphthalene	15.41	128	146791	19.223	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	77770	20.874	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD0904SBS01

Tot Ion:168 Resp: 364665

Ion Ratio Lower Upper

168 100

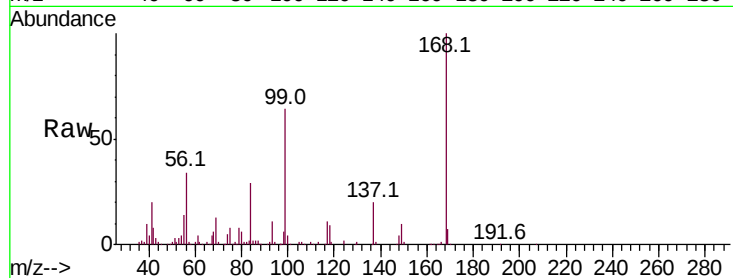
99 63.6 50.5 75.7

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

150000

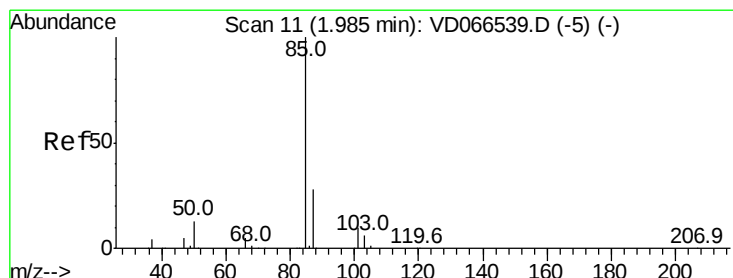
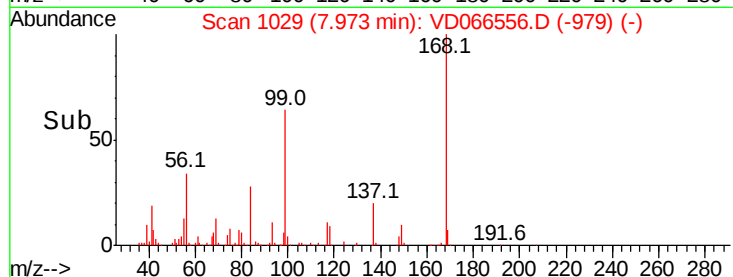
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50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 22.807 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066556.D

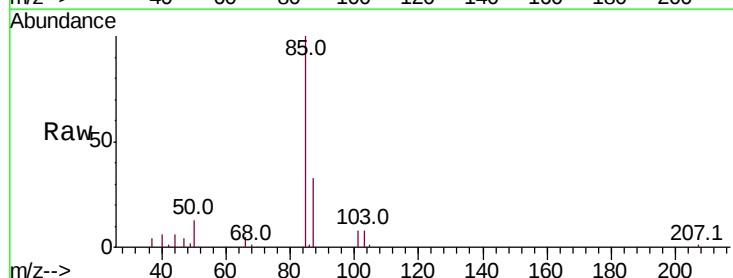
Acq: 04 Sep 2020 12:05

Tgt Ion: 85 Resp: 75136

Ion Ratio Lower Upper

85 100

87 33.2 14.2 42.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

60000

50000

40000

30000

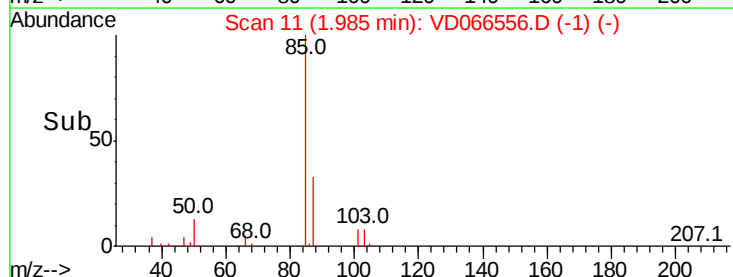
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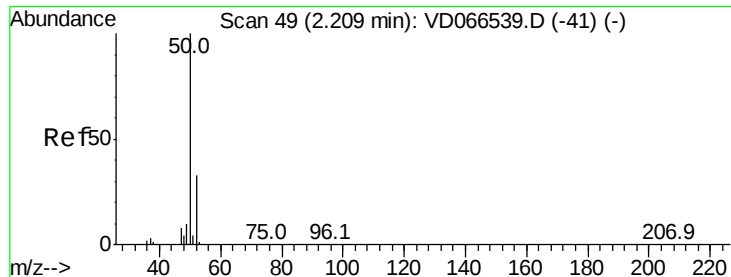
10000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 21.502 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD0904SBS01

Tot Ion: 50 Resp: 99163

Ion Ratio Lower Upper

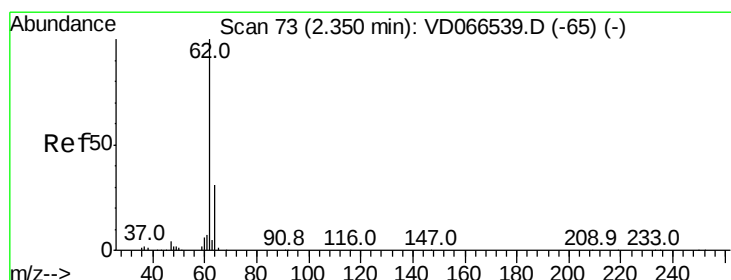
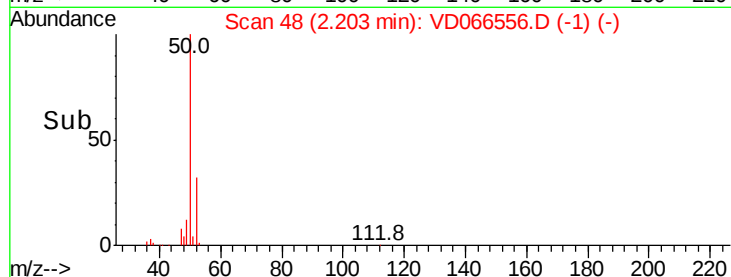
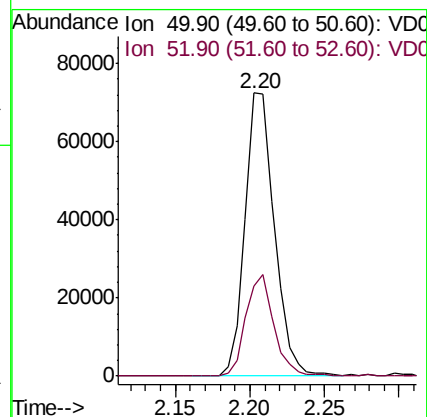
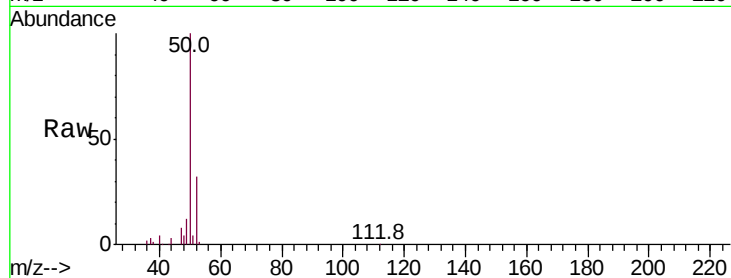
50 100

52 31.8 26.2 39.2

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#4

Vinyl Chloride

Concen: 21.830 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066556.D

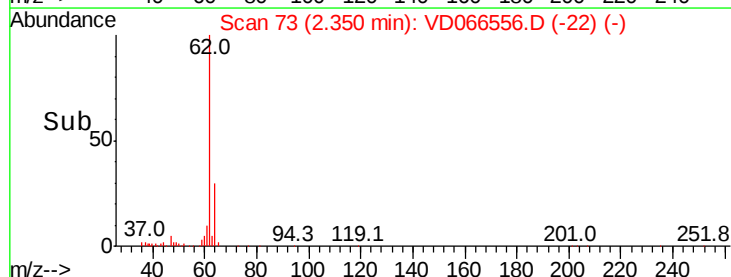
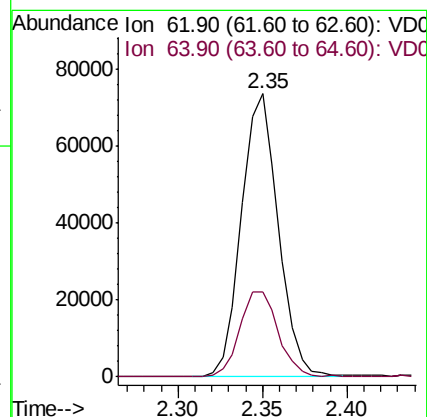
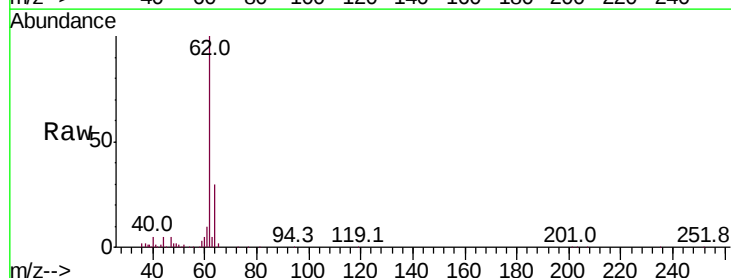
Acq: 04 Sep 2020 12:05

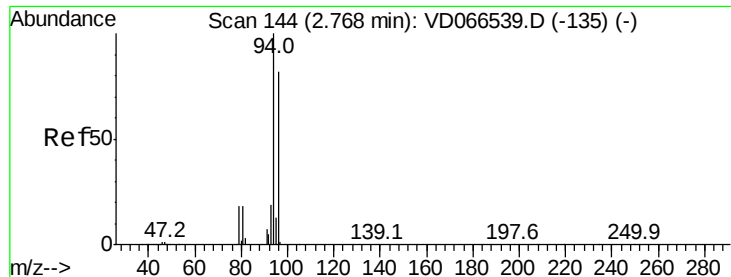
Tgt Ion: 62 Resp: 111661

Ion Ratio Lower Upper

62 100

64 30.0 25.3 37.9





#5

Bromomethane

Concen: 20.126 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD0904SBS01

Tot Ion: 94 Resp: 73871

Ion Ratio Lower Upper

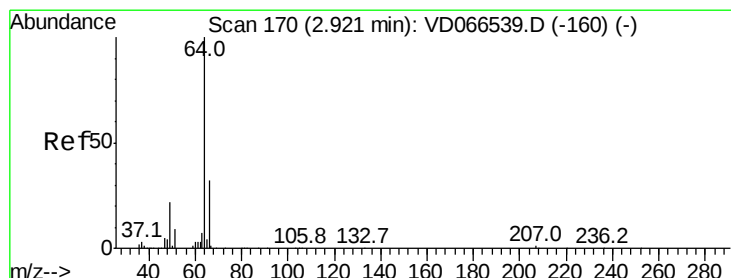
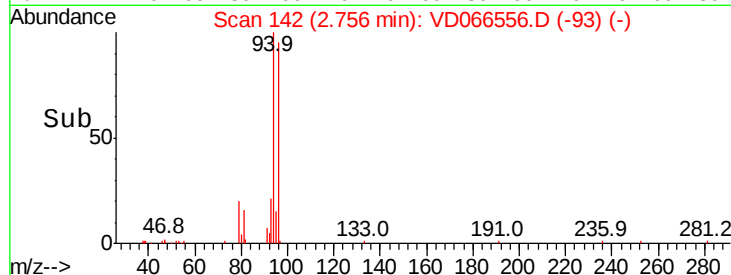
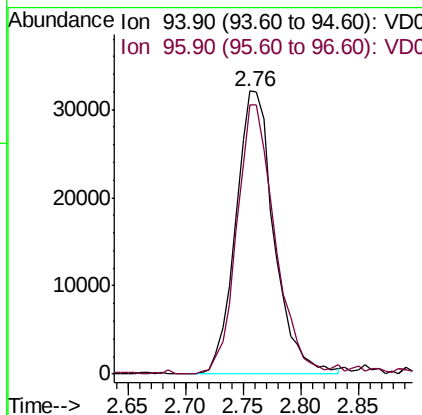
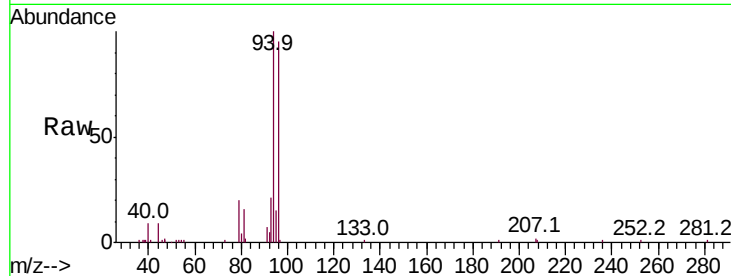
94 100

96 94.9 65.2 97.8

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#6

Chloroethane

Concen: 21.484 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066556.D

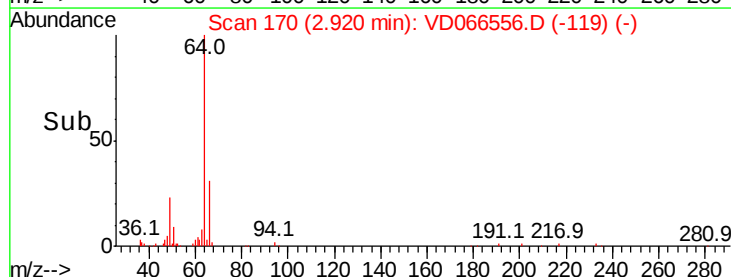
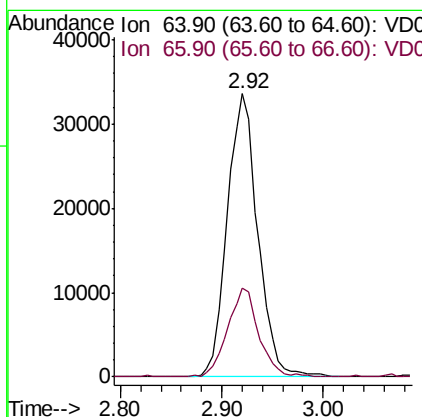
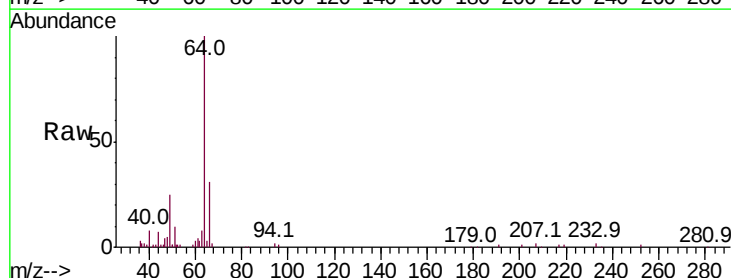
Acq: 04 Sep 2020 12:05

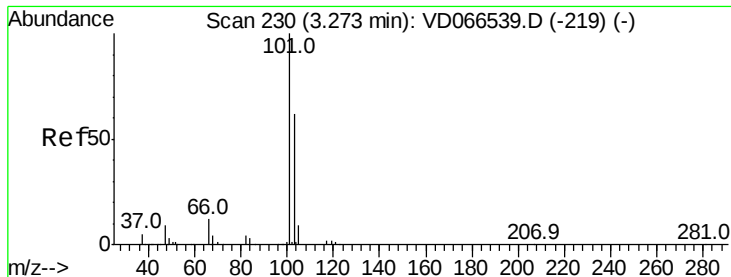
Tgt Ion: 64 Resp: 69796

Ion Ratio Lower Upper

64 100

66 31.4 25.4 38.0





#7

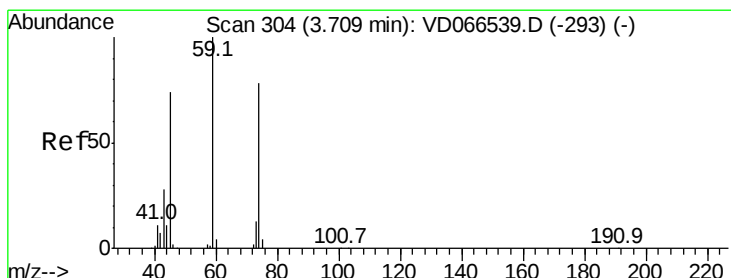
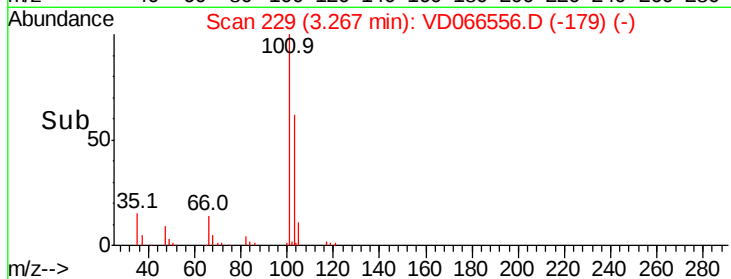
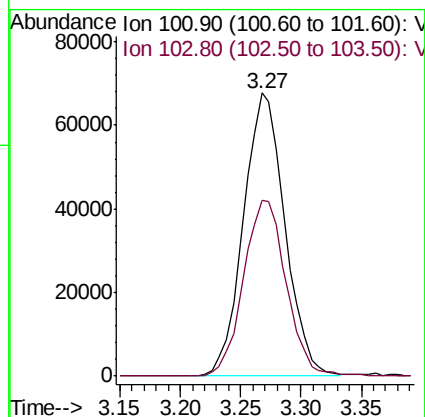
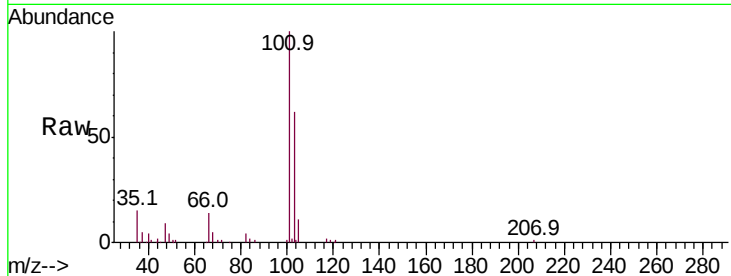
Trichlorofluoromethane
Concen: 21.429 ug/l
RT: 3.27 min Scan# 229
Delta R.T. -0.01 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Instrument :
MSVOA_D
ClientSampleId :
VD0904SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.2	49.7	74.5

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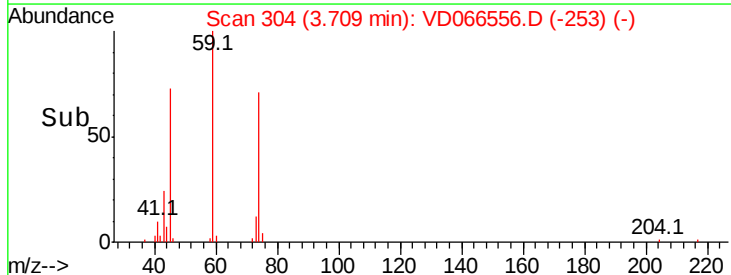
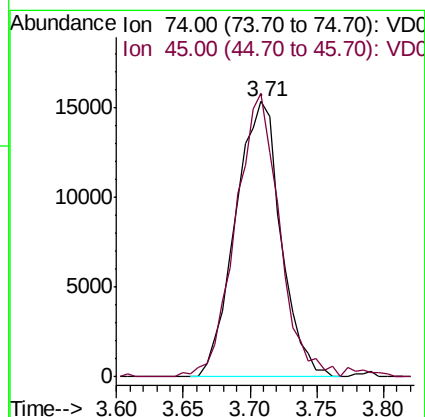
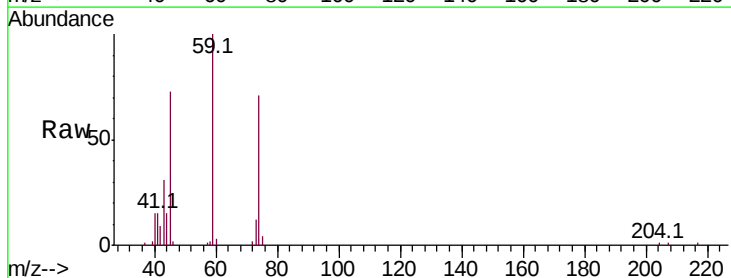
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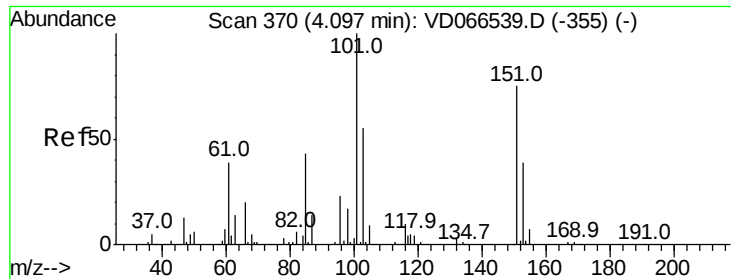


#8

Diethyl Ether
Concen: 19.090 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.2	49.7	149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.300 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

MSVOA_D

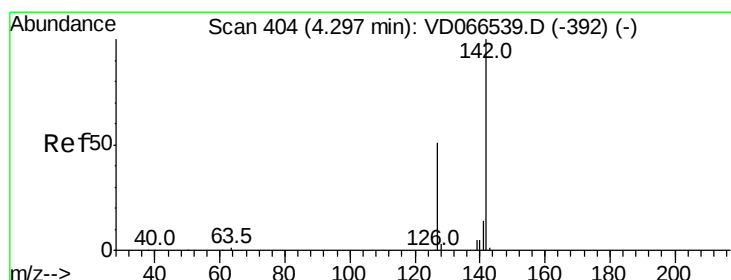
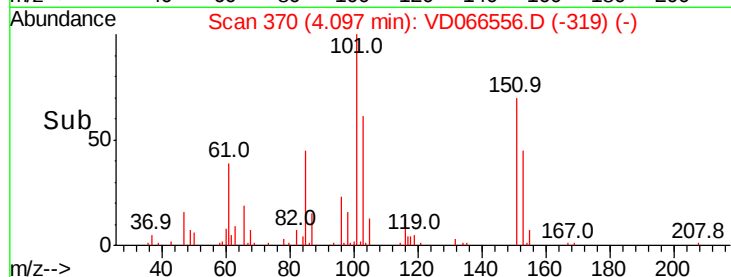
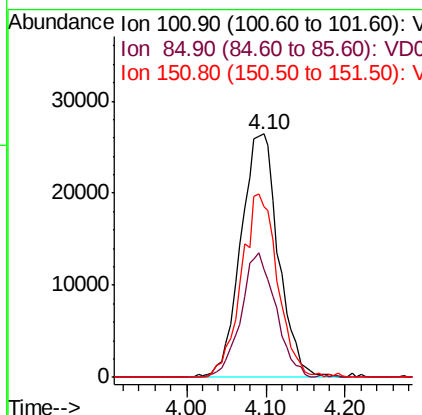
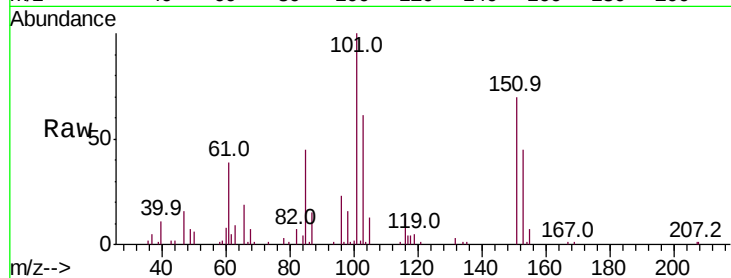
ClientSampleId :

VD0904SBS01

Tot Ion:	101	Resp:	87106
Ion Ratio	Lower	Upper	
101	100		
85	47.2	37.0	55.6
151	72.6	59.4	89.2

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#10

Methyl Iodide

Concen: 21.615 ug/l

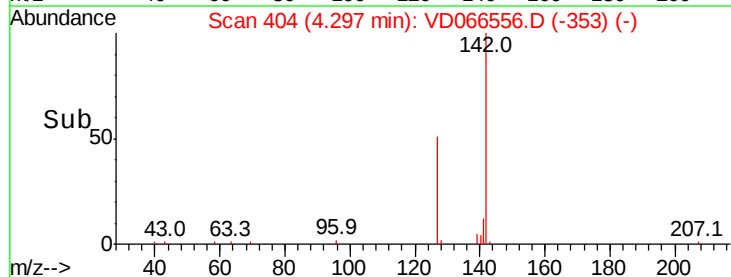
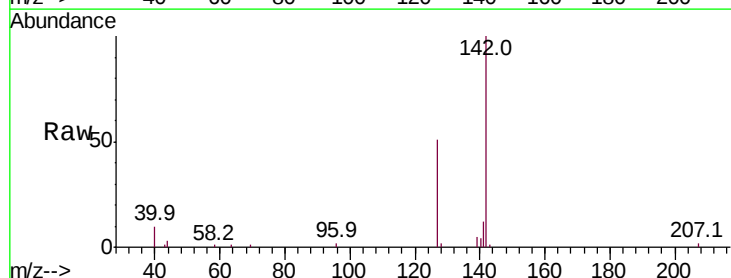
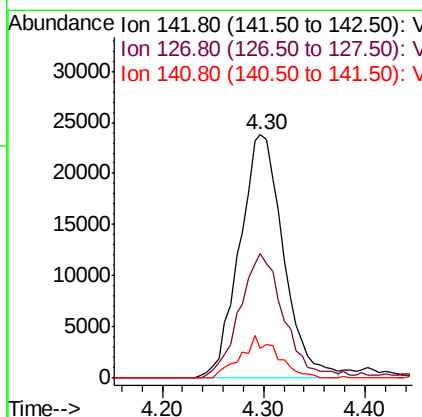
RT: 4.30 min Scan# 404

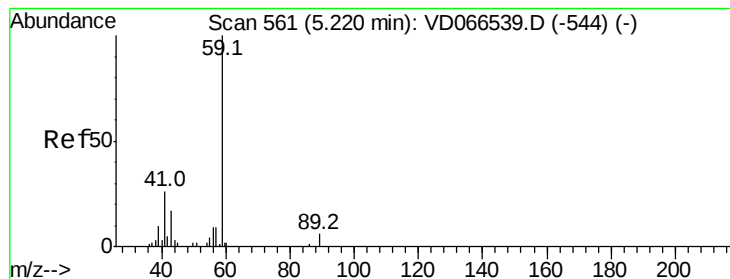
Delta R.T. 0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Tgt Ion:	142	Resp:	71361
Ion Ratio	Lower	Upper	
142	100		
127	51.8	40.6	61.0
141	14.5	12.2	18.4





#11

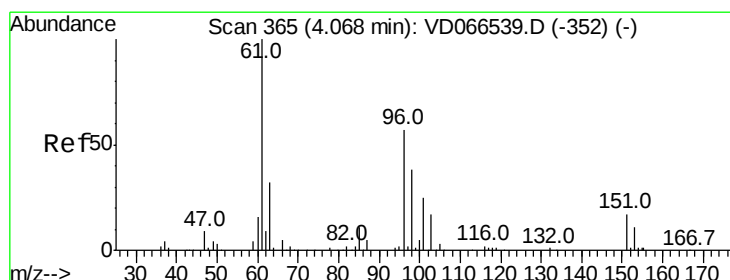
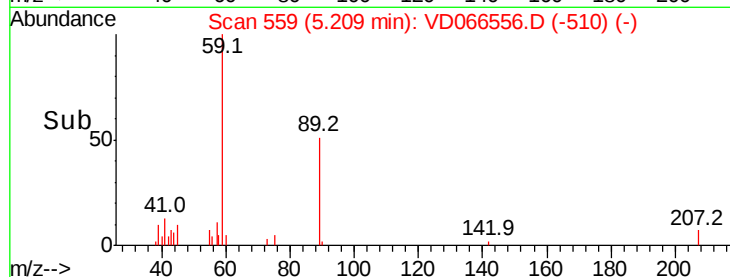
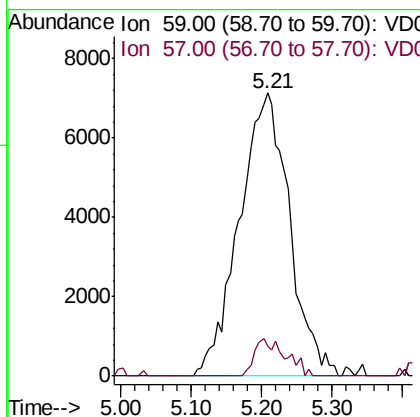
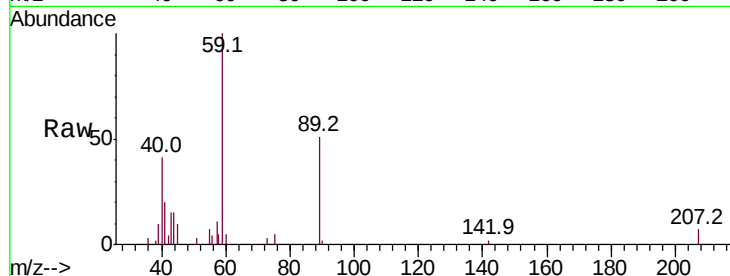
Tert butyl alcohol
Concen: 101.297 ug/l
RT: 5.21 min Scan# 559
Delta R.T. -0.01 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Instrument :
MSVOA_D
ClientSampleId :
VD0904SBS01

Tot Ion	59	Resp	35410
Ion Ratio	100	Lower	Upper
57	8.2	7.6	11.4

Manual Integrations
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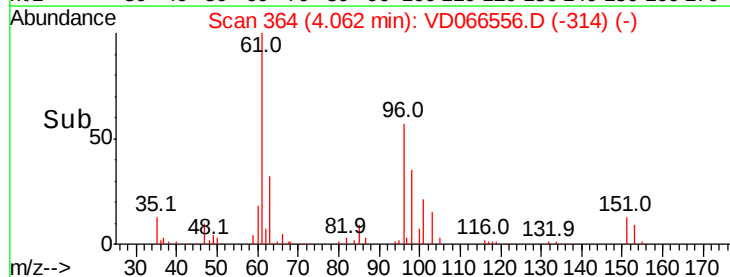
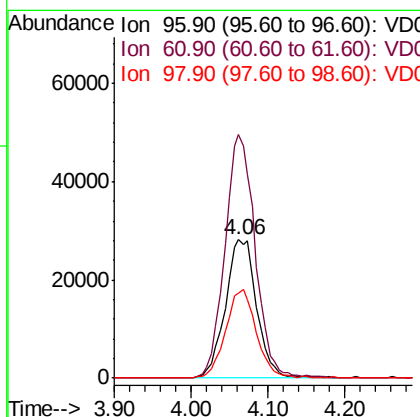
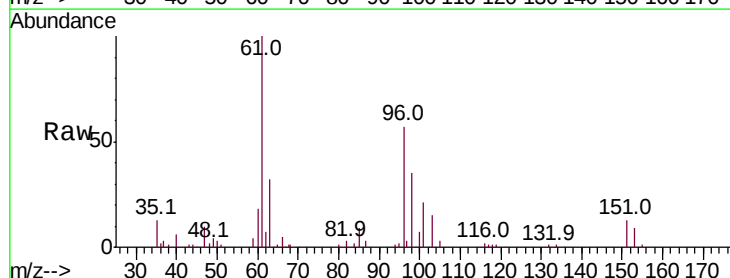
Sam
9/8/2020 5:42:43 PM

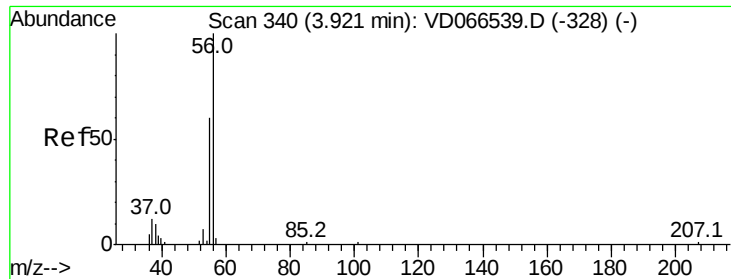


#12

1,1-Dichloroethene
Concen: 21.772 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.01 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Tgt Ion	96	Resp	79991
Ion Ratio	100	Lower	Upper
61	176.4	140.9	211.3
98	61.9	53.2	79.8





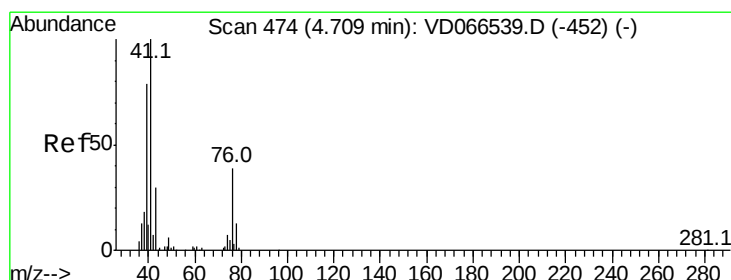
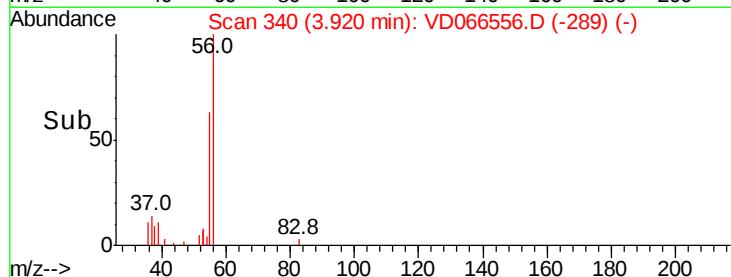
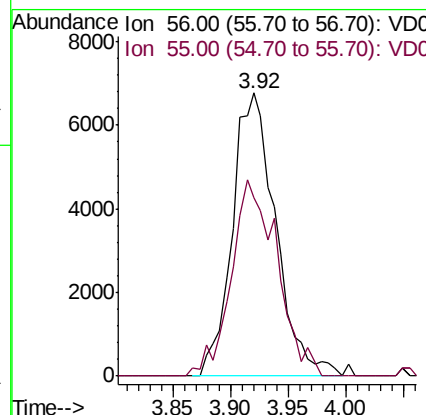
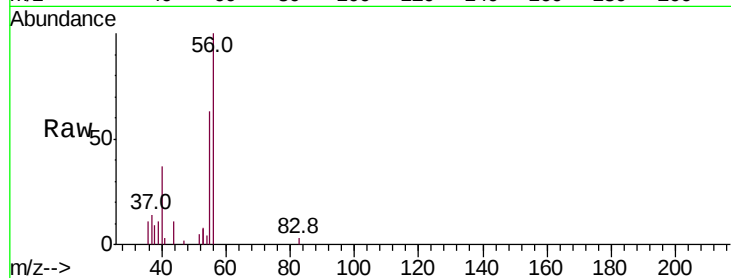
#13
 Acrolein
 Concen: 97.775 ug/l
 RT: 3.92 min Scan# 340
 Delta R.T. -0.00 min
 Lab File: VD066556.D
 Acq: 04 Sep 2020 12:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0904SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	73.4	53.6	80.4

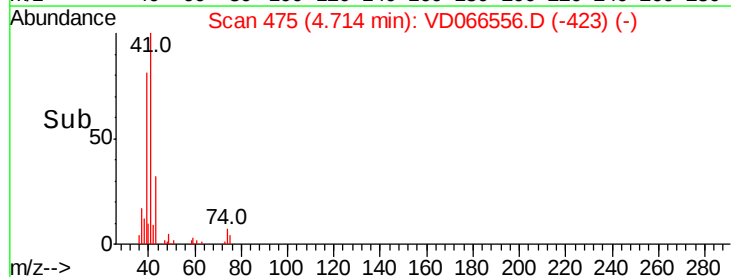
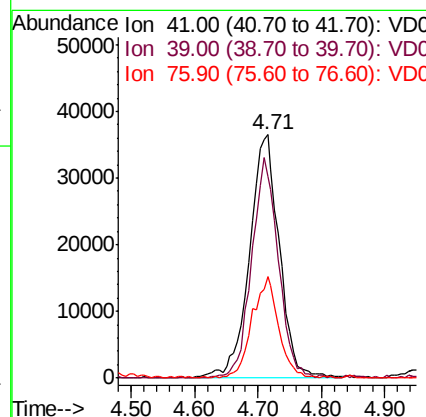
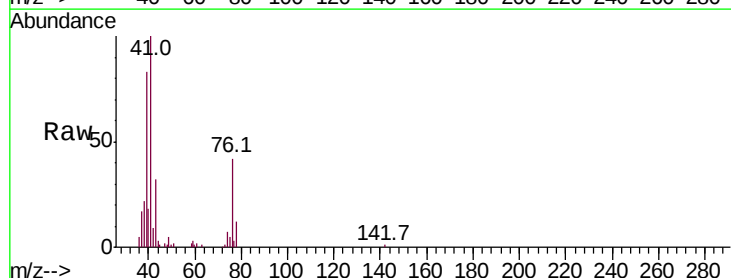
Manual Integrations
 APPROVED

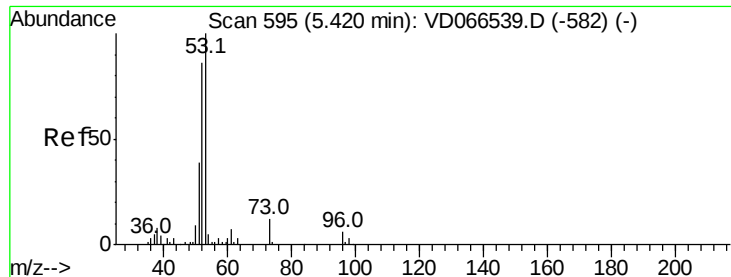
sam
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#14
 Allyl chloride
 Concen: 20.047 ug/l
 RT: 4.71 min Scan# 475
 Delta R.T. 0.01 min
 Lab File: VD066556.D
 Acq: 04 Sep 2020 12:05

Tgt Ion	Ratio	Lower	Upper
41	100		
39	80.4	61.9	92.9
76	36.9	29.0	43.6





#15

Acrylonitrile

Concen: 101.910 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

MSVOA_D

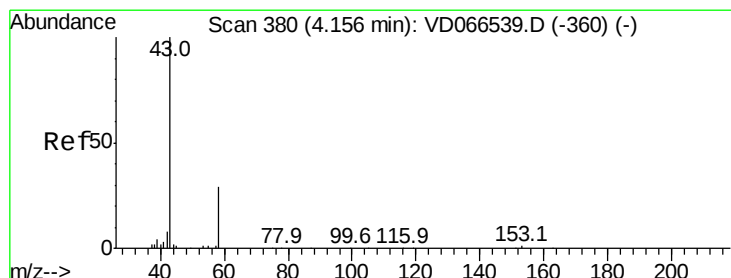
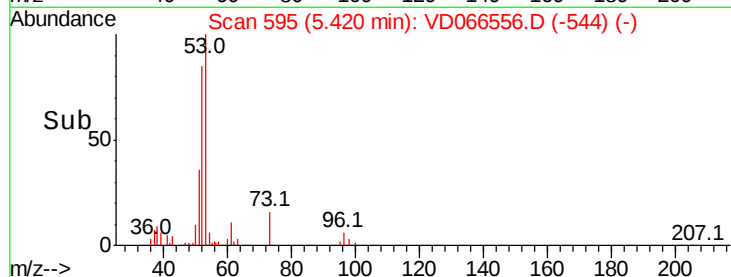
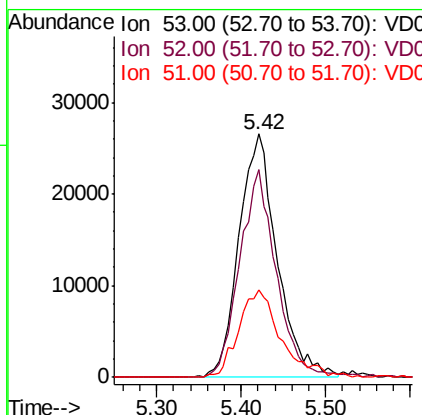
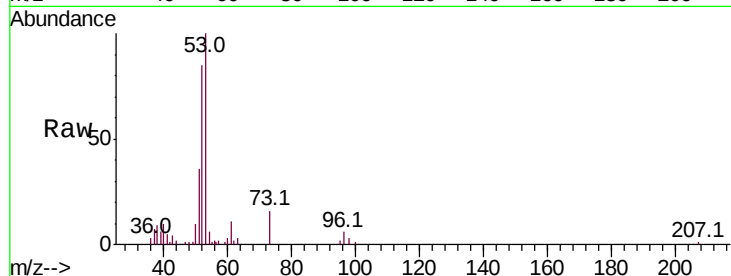
ClientSampleId :

VD0904SBS01

Tot Ion:	53	Resp:	83298
Ion	Ratio	Lower	Upper
53	100		
52	81.7	65.4	98.2
51	39.8	31.2	46.8

Manual Integrations
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sam
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#16

Acetone

Concen: 107.491 ug/l

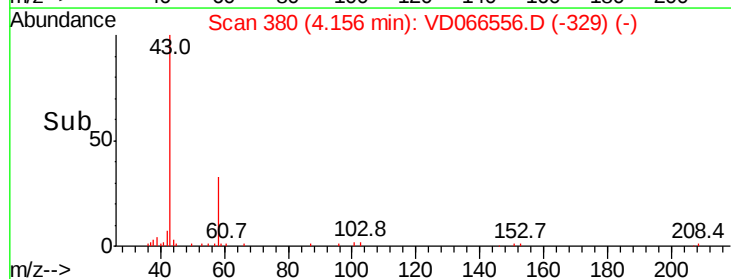
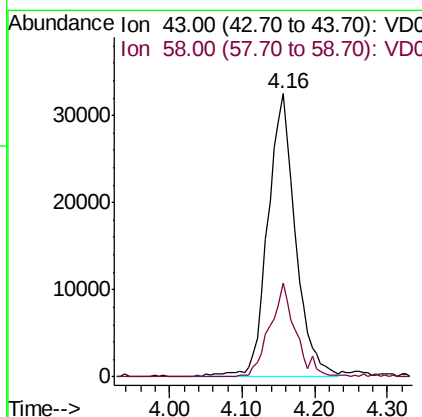
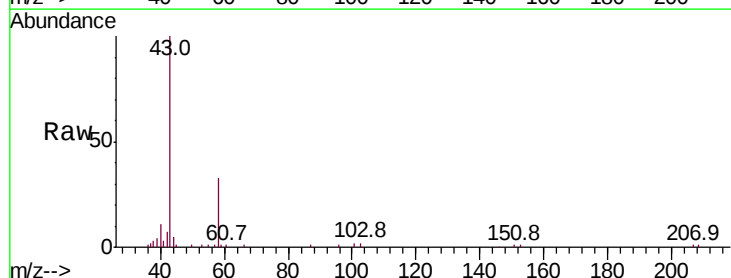
RT: 4.16 min Scan# 380

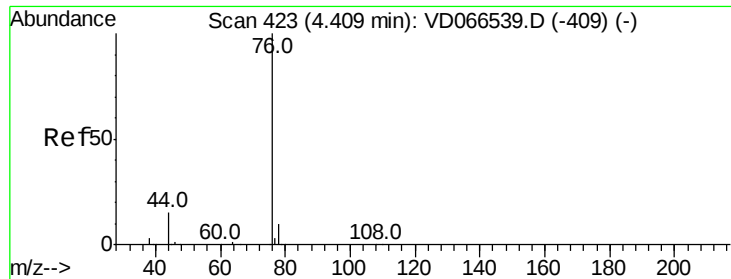
Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Tgt Ion:	43	Resp:	87263
Ion	Ratio	Lower	Upper
43	100		
58	33.1	22.9	34.3





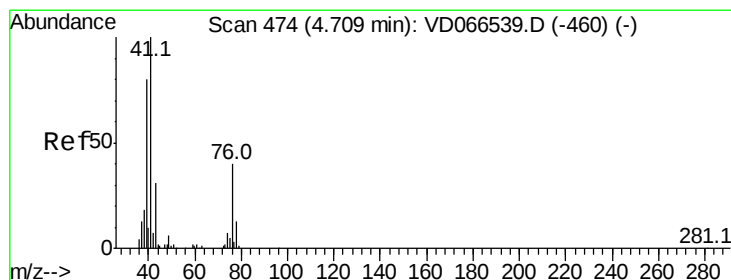
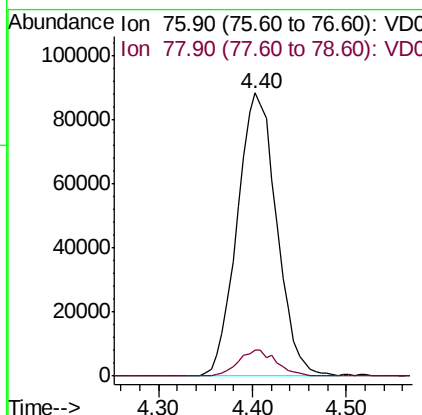
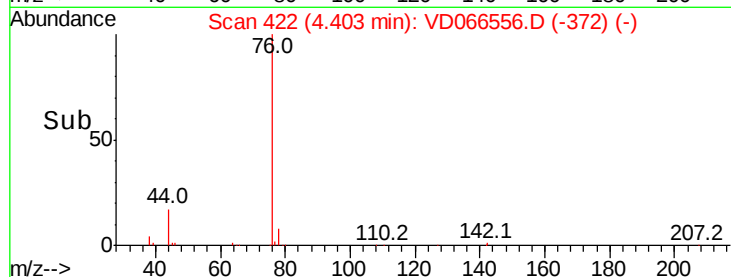
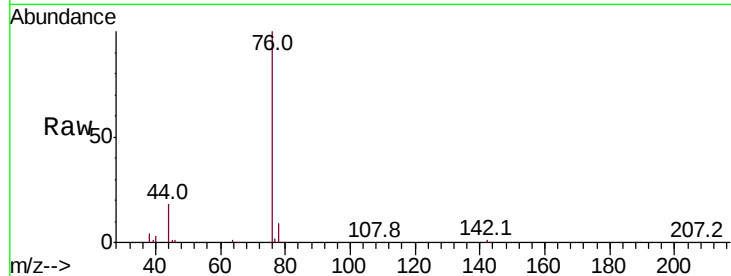
#17
Carbon Disulfide
Concen: 21.267 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Instrument :
MSVOA_D
ClientSampleId :
VD0904SBS01

Tot Ion: 76 Resp: 256869
Ion Ratio Lower Upper
76 100
78 9.4 7.6 11.4

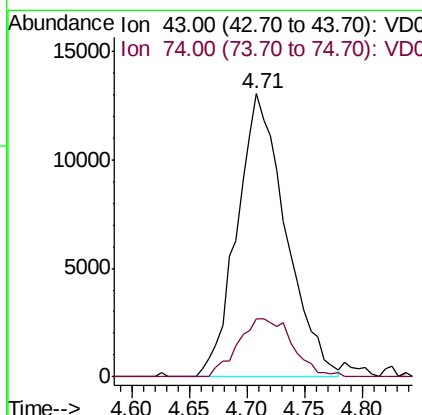
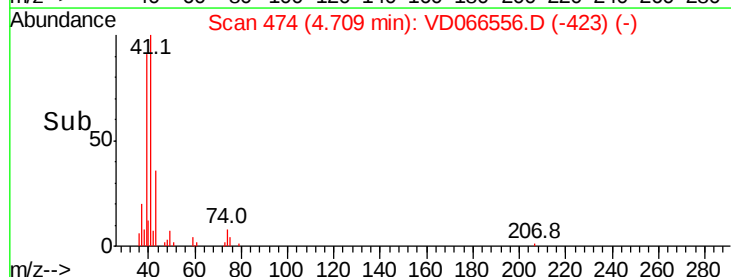
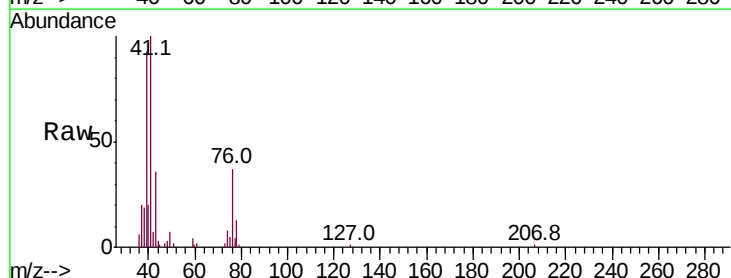
Manual Integrations
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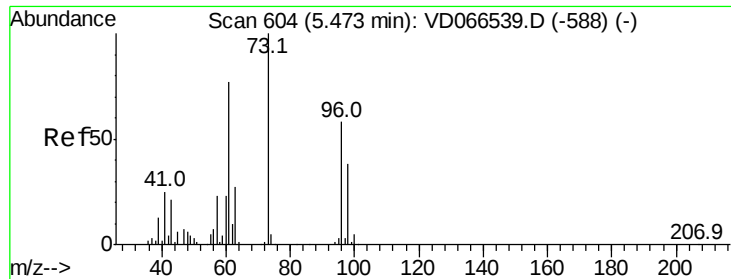
sam
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#18
Methyl Acetate
Concen: 19.784 ug/l
RT: 4.71 min Scan# 474
Delta R.T. -0.00 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Tgt Ion: 43 Resp: 38286
Ion Ratio Lower Upper
43 100
74 23.0 18.0 27.0





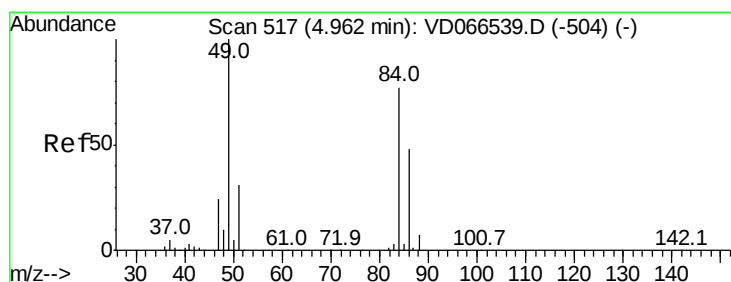
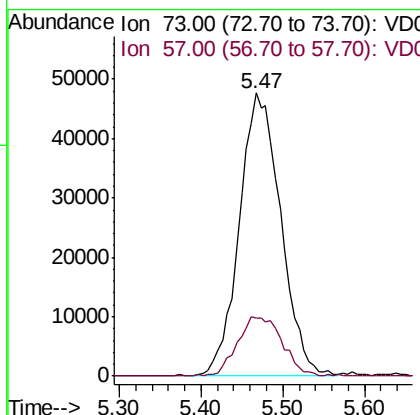
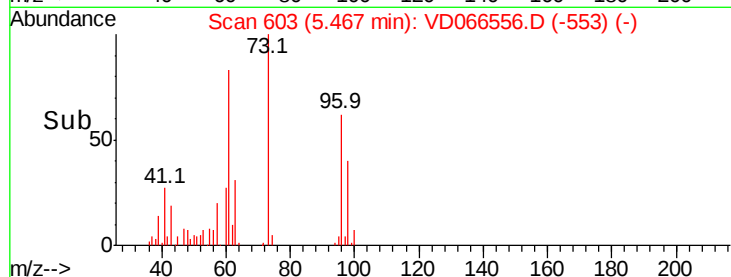
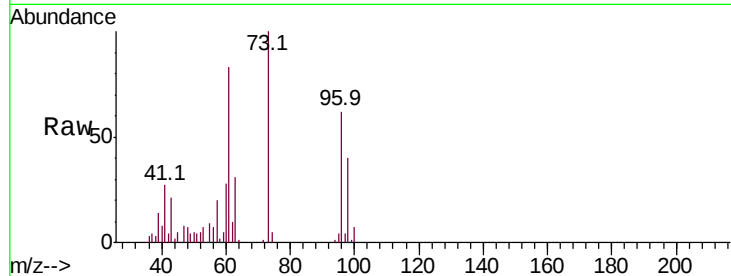
#19
Methvl tert-butvl Ether
Concen: 19.534 ug/l
RT: 5.47 min Scan# 603
Delta R.T. -0.01 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Instrument :
MSVOA_D
ClientSampleId :
VD0904SBS01

Tot Ion: 73 Resp: 168302
Ion Ratio Lower Upper
73 100
57 20.5 18.3 27.5

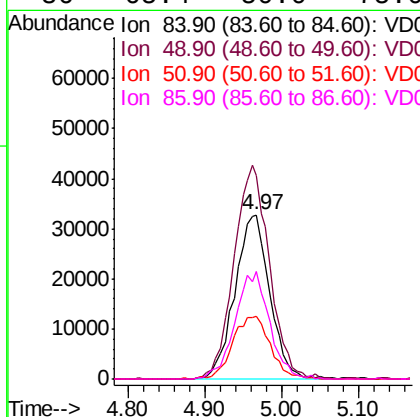
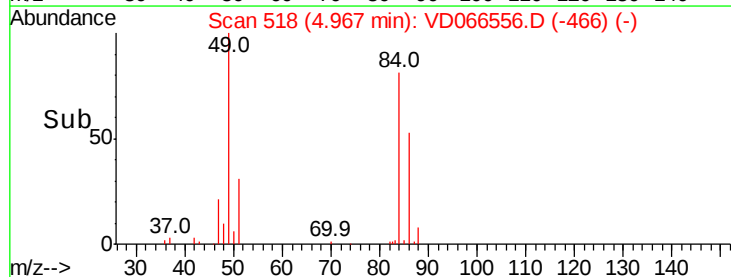
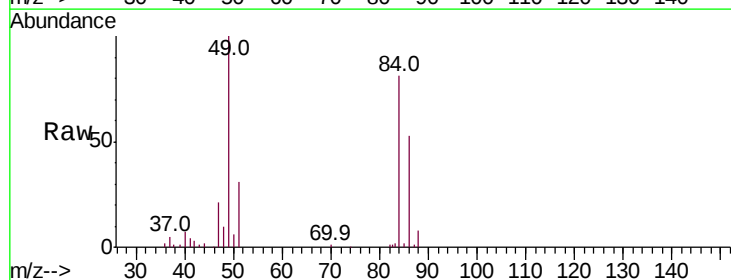
Manual Integrations
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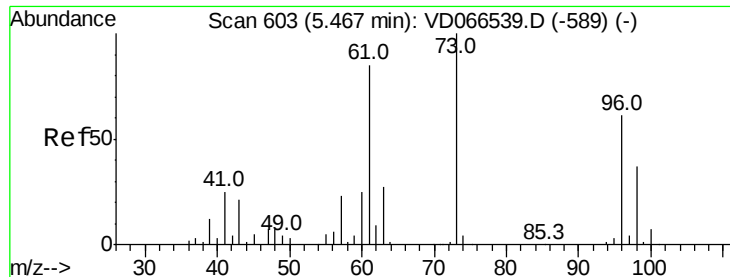
sam
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#20
Methylene Chloride
Concen: 19.458 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Tgt Ion: 84 Resp: 103974
Ion Ratio Lower Upper
84 100
49 123.5 104.3 156.5
51 38.4 32.2 48.4
86 65.4 50.0 75.0





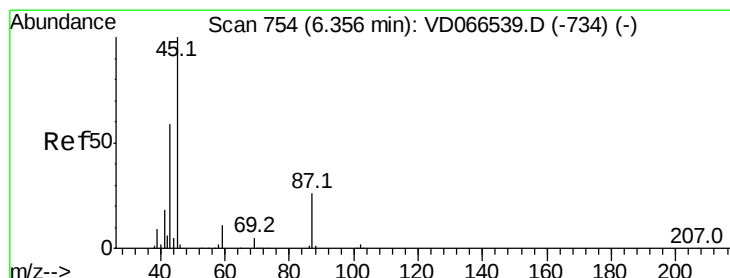
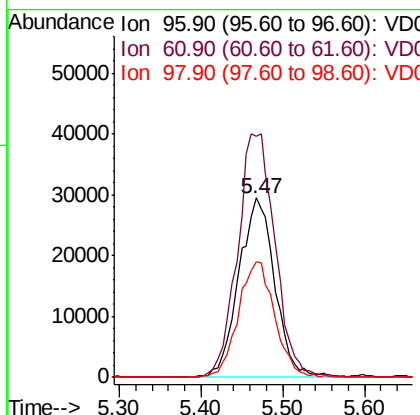
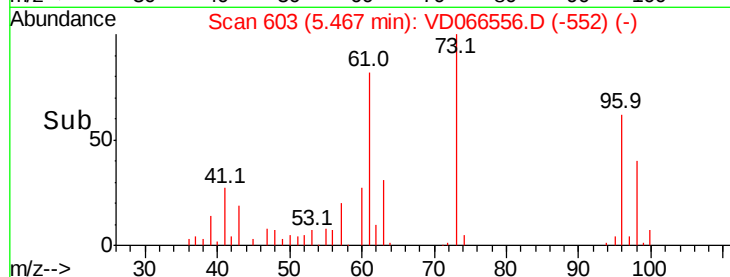
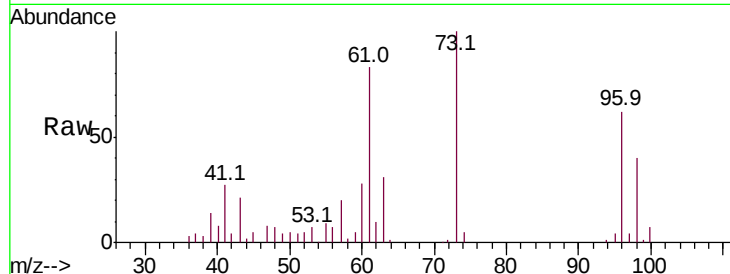
#21
trans-1,2-Dichloroethene
Concen: 20.647 ug/l
RT: 5.47 min Scan# 603
Delta R.T. -0.00 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Instrument :
MSVOA_D
ClientSampleId :
VD0904SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.7	112.1	168.1
98	64.2	48.6	72.8

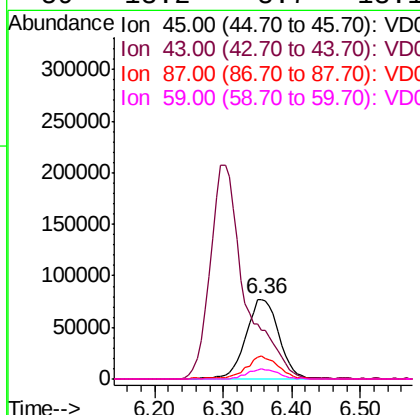
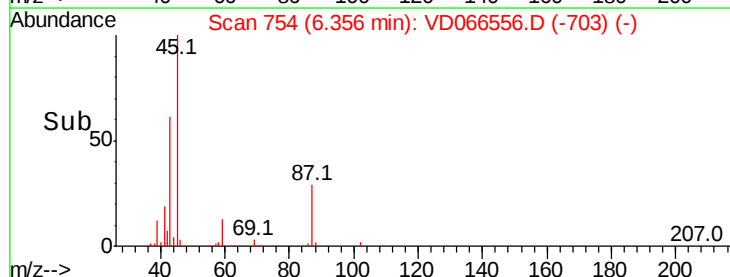
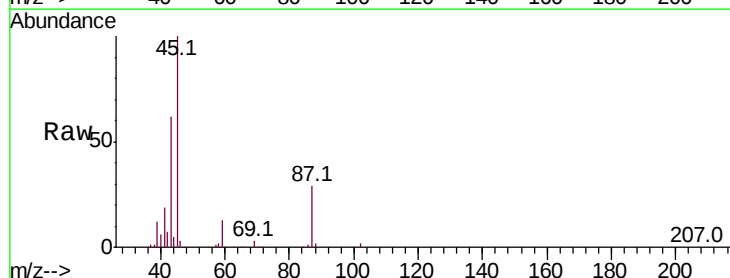
Manual Integrations
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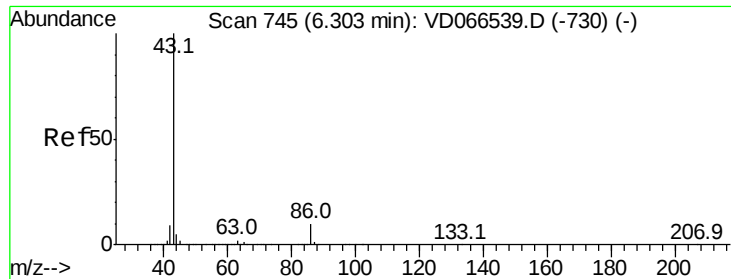
sam
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#22
Diisopropyl ether
Concen: 21.011 ug/l
RT: 6.36 min Scan# 754
Delta R.T. -0.00 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Tgt Ion	Ratio	Lower	Upper
45	100		
43	60.6	47.0	70.4
87	29.2	21.3	31.9
59	13.2	8.7	13.1#





#23

Vinyl Acetate

Concen: 103.293 ug/l

RT: 6.30 min Scan# 744

Delta R.T. -0.01 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD0904SBS01

Tot Ion: 43 Resp: 727838

Ion Ratio Lower Upper

43 100

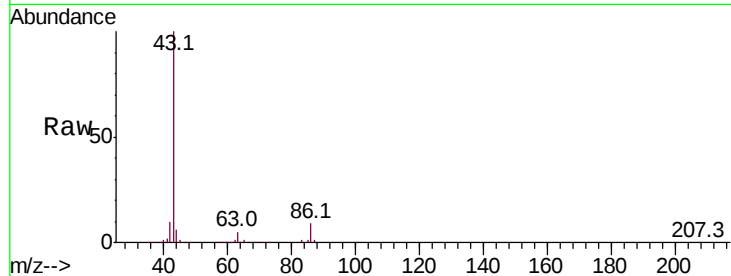
86 9.5 7.7 11.5

Manual Integrations

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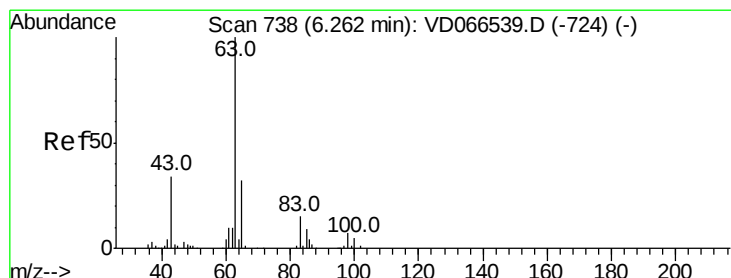
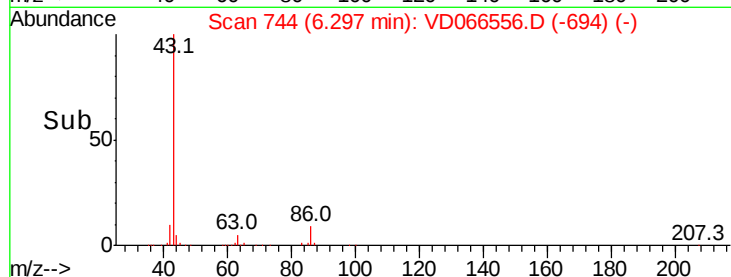
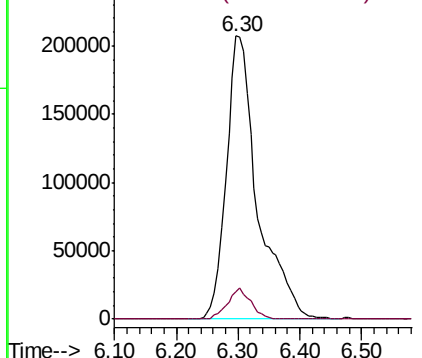
sam

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 20.750 ug/l

RT: 6.26 min Scan# 737

Delta R.T. -0.01 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

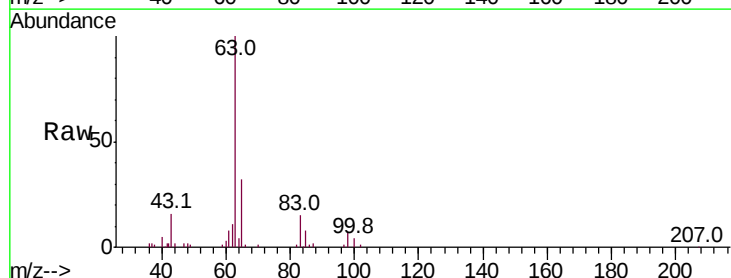
Tgt Ion: 63 Resp: 161576

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.1

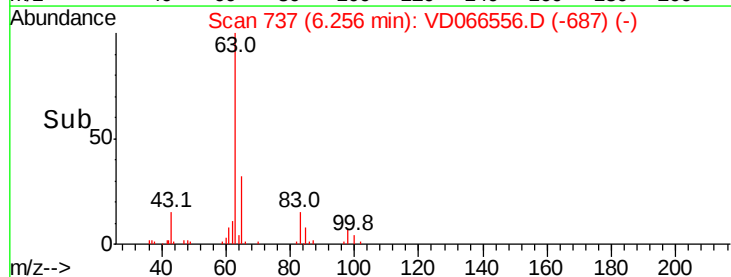
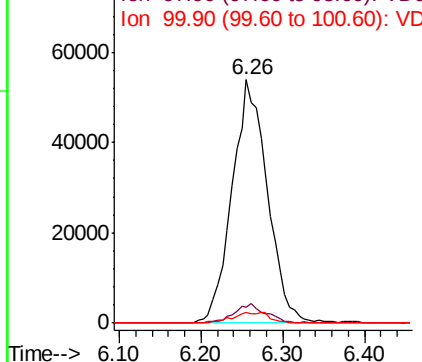
100 4.4 2.5 7.4

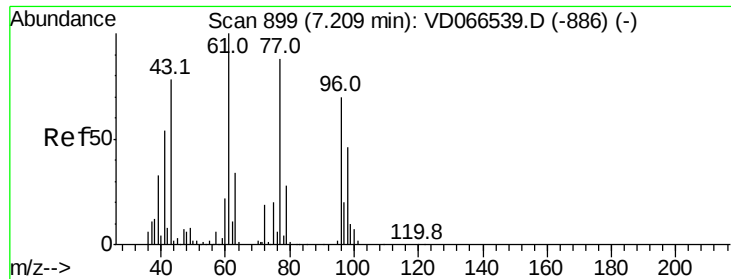


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 101.628 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD0904SBS01

Tot Ion: 43 Resp: 110751

Ion Ratio Lower Upper

43 100

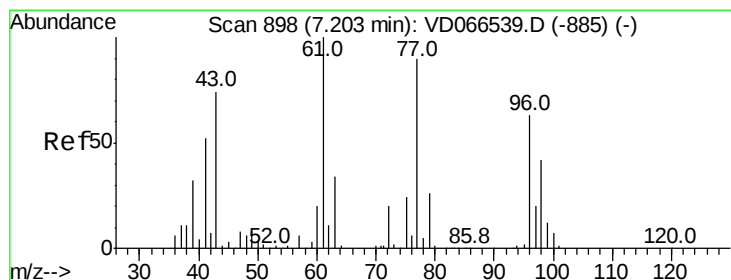
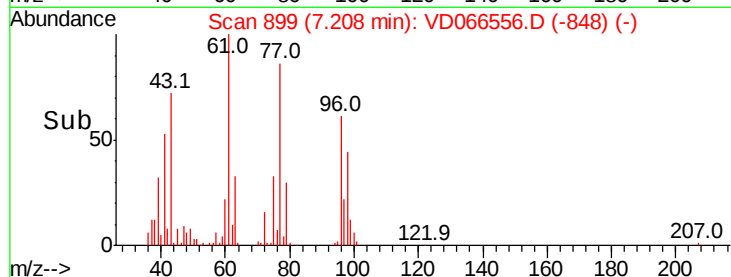
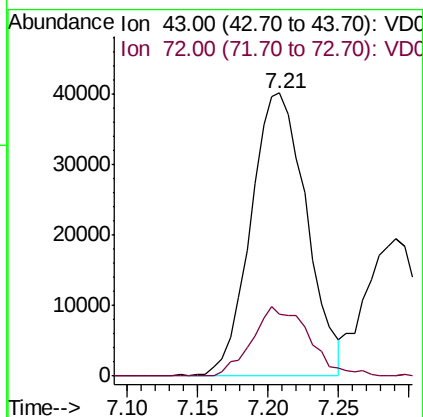
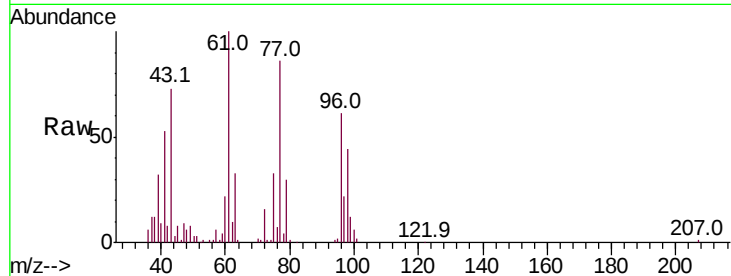
72 21.9 19.8 29.6

Manual Integrations

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sam

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#26

2,2-Dichloropropane

Concen: 20.868 ug/l

RT: 7.20 min Scan# 897

Delta R.T. -0.01 min

Lab File: VD066556.D

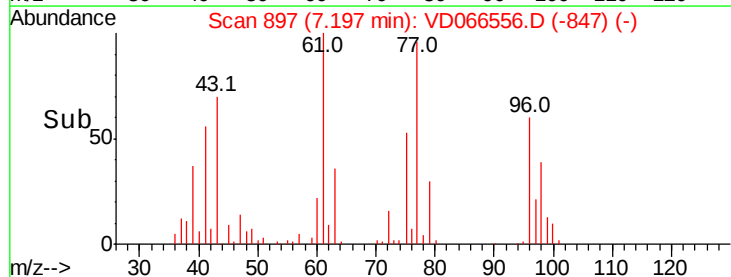
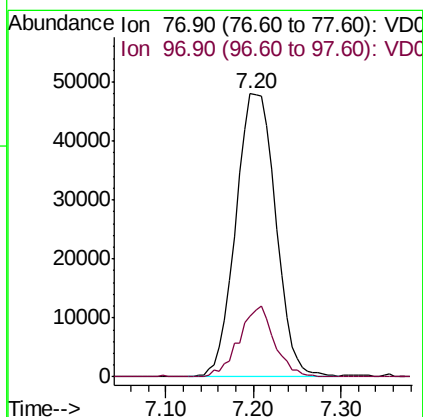
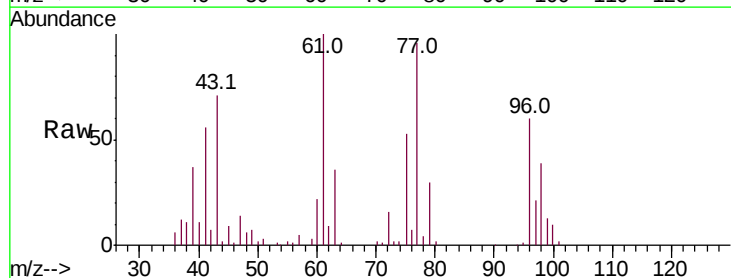
Acq: 04 Sep 2020 12:05

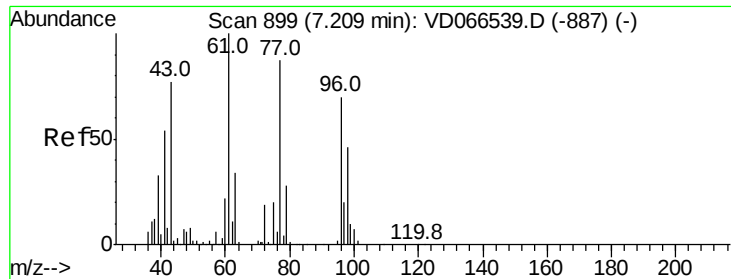
Tgt Ion: 77 Resp: 149051

Ion Ratio Lower Upper

77 100

97 22.0 10.8 32.3





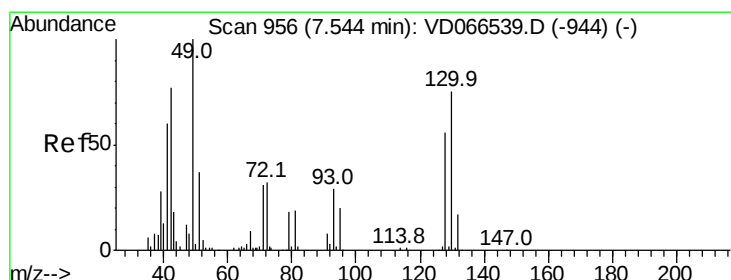
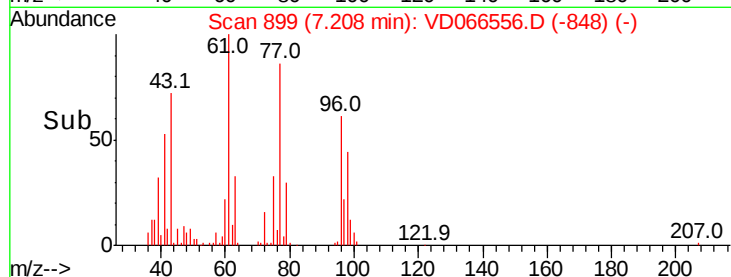
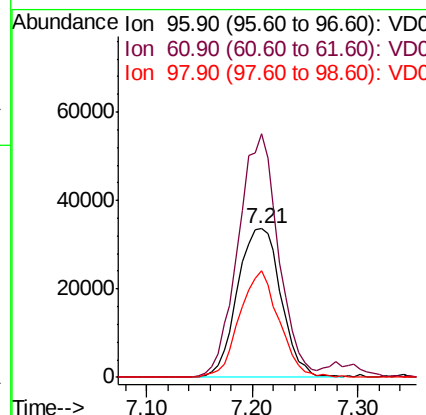
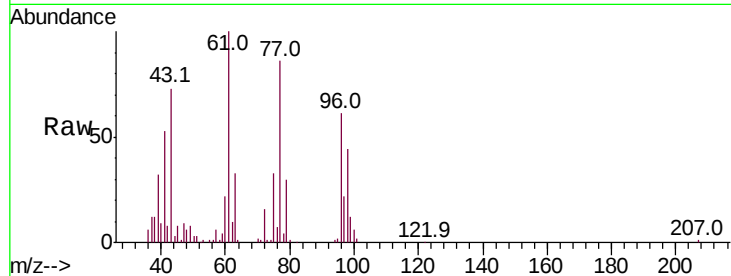
#27
 cis-1,2-Dichloroethene
 Concen: 20.578 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VD066556.D
 Acq: 04 Sep 2020 12:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0904SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.1	0.0	301.0
98	64.8	0.0	129.8

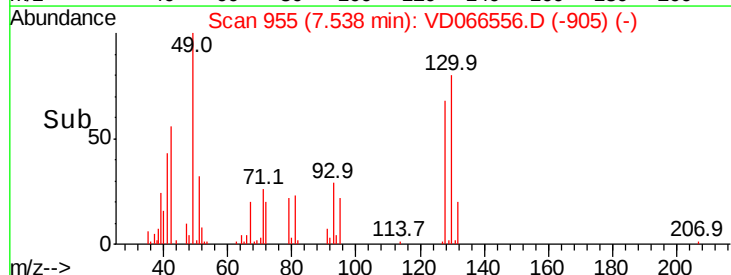
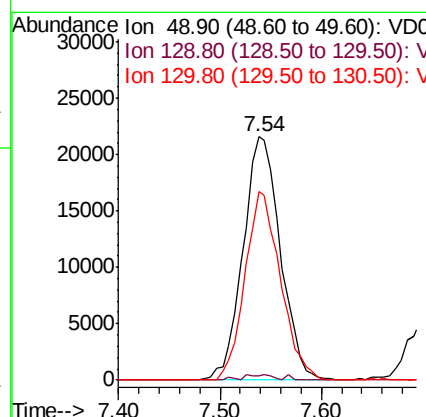
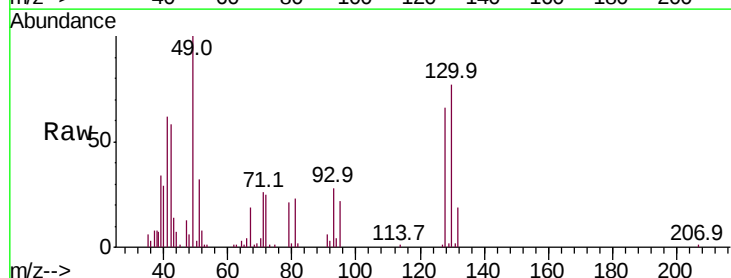
Manual Integrations
 APPROVED

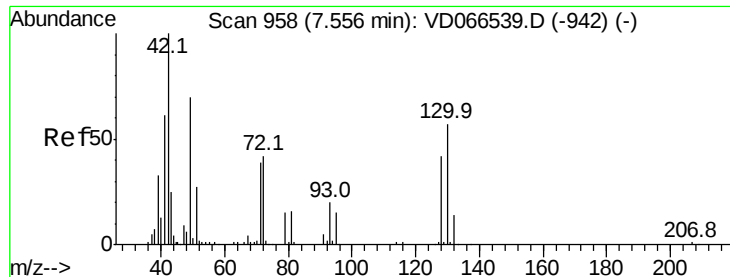
sam
 9/8/2020 5:42:43 PM



#28
 Bromochloromethane
 Concen: 18.391 ug/l
 RT: 7.54 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: VD066556.D
 Acq: 04 Sep 2020 12:05

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	2.6
130	73.6	58.2	87.2





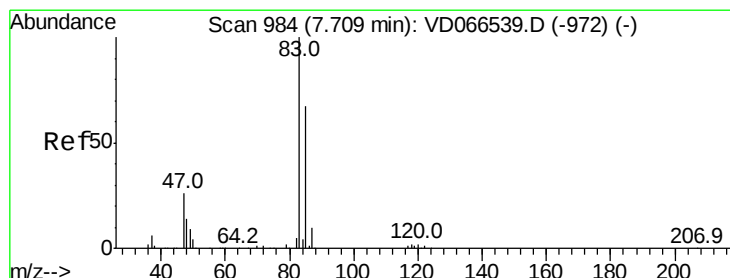
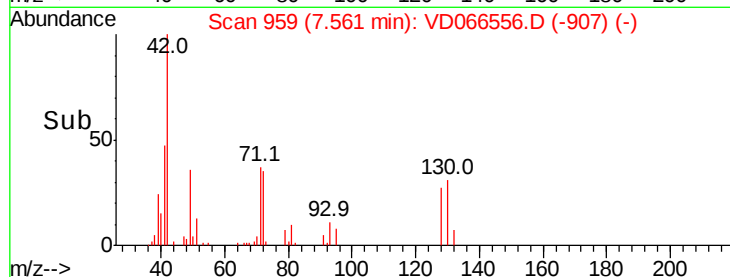
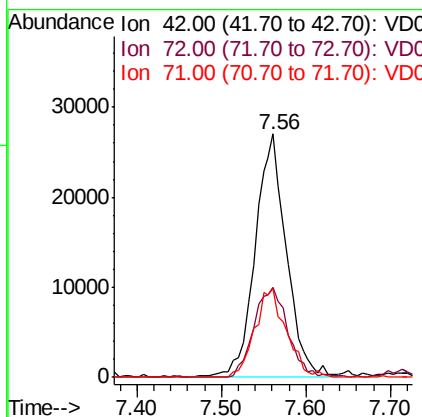
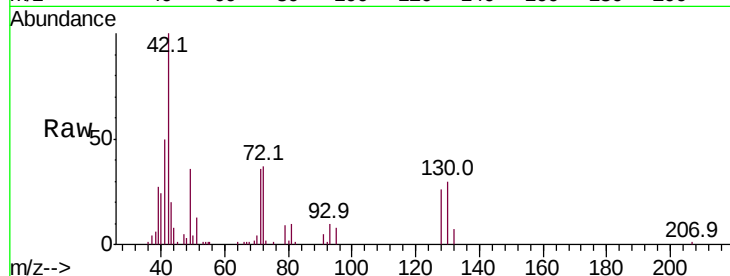
#29
Tetrahydrofuran
Concen: 102.817 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.01 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Instrument :
MSVOA_D
ClientSampleId :
VD0904SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.7	33.4	50.0
71	36.7	31.9	47.9

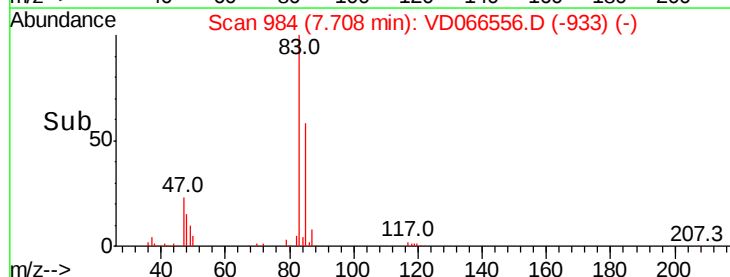
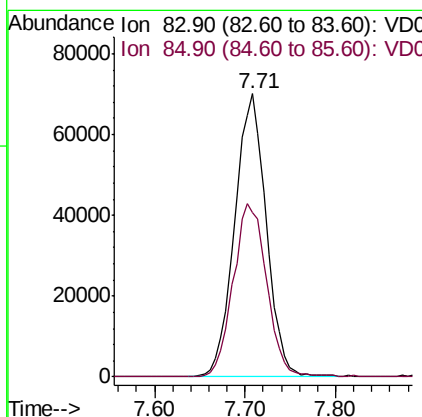
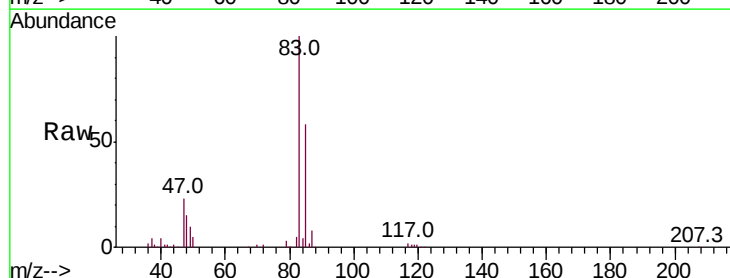
Manual Integrations
APPROVED

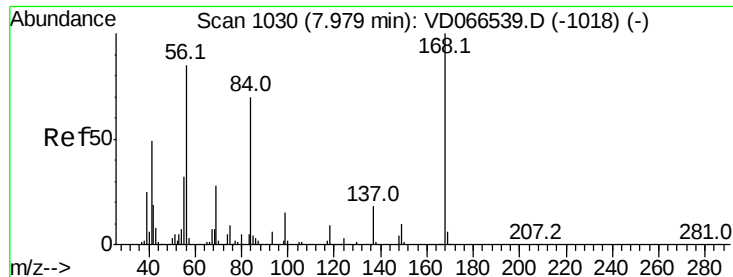
sam
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#30
Chloroform
Concen: 20.600 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	58.0	53.6	80.4





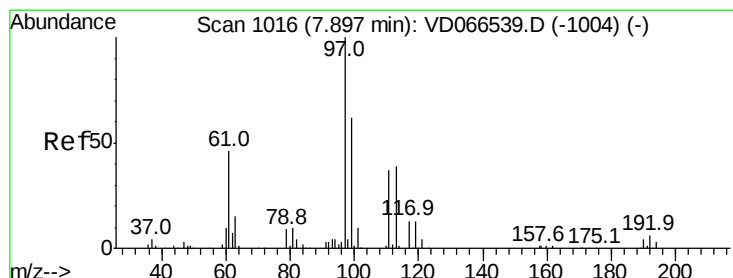
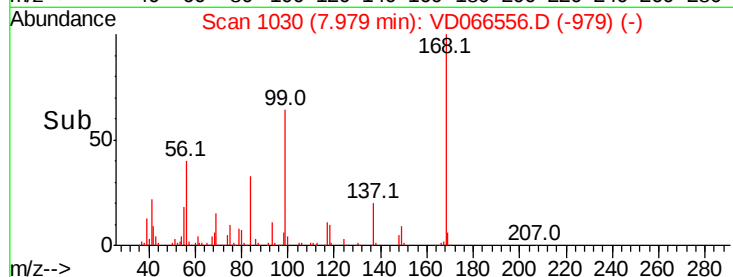
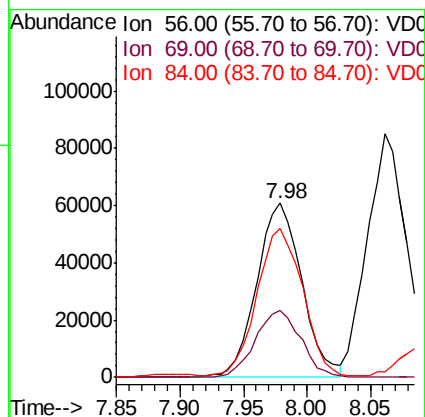
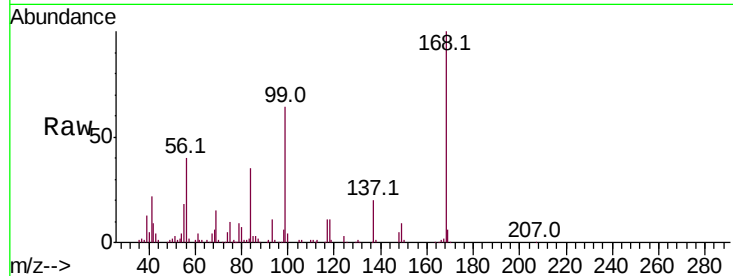
#31
Cyclohexane
Concen: 21.001 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Instrument :
MSVOA_D
ClientSampleId :
VD0904SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.2	26.3	39.5
84	84.0	66.1	99.1

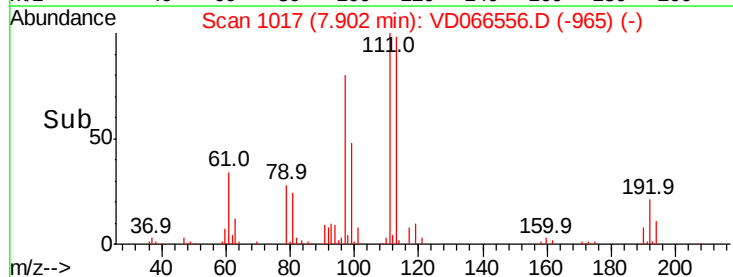
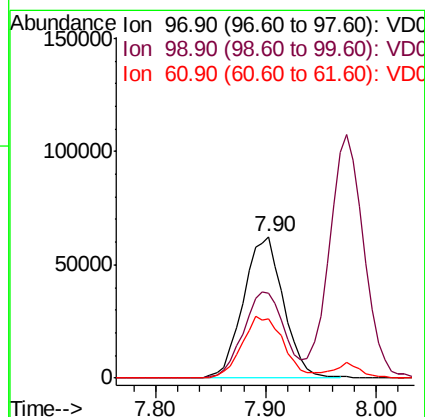
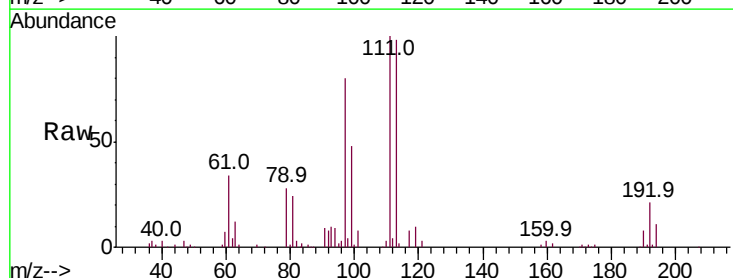
Manual Integrations
APPROVED

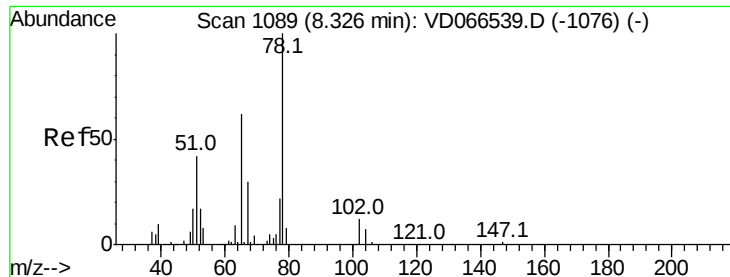
sam
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#32
1,1,1-Trichloroethane
Concen: 20.580 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Tgt Ion	Ratio	Lower	Upper
97	100		
99	61.8	51.4	77.0
61	45.0	37.4	56.0





#33

1,2-Dichloroethane-d4

Concen: 52.811 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066556.D

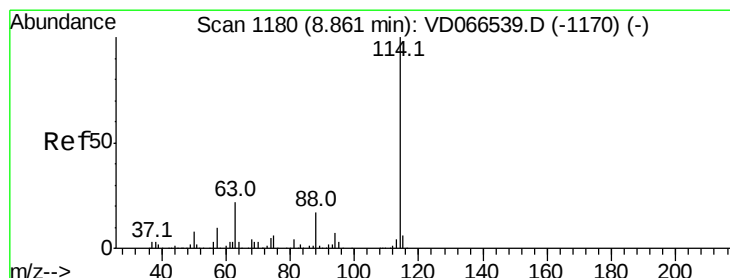
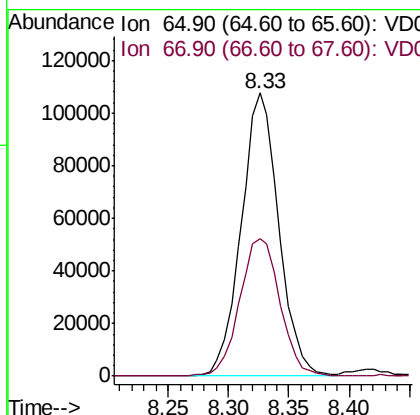
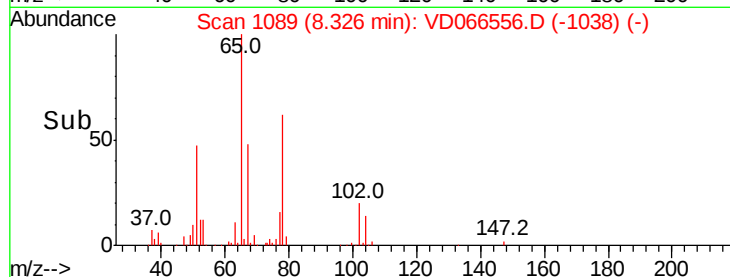
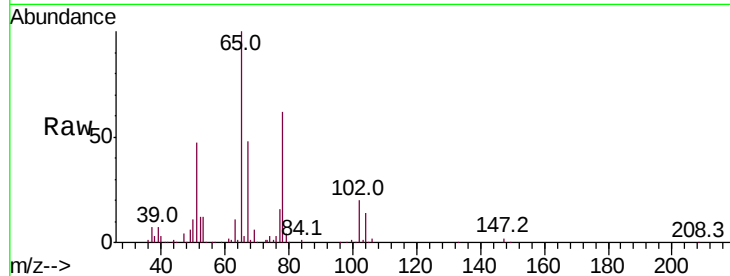
Acq: 04 Sep 2020 12:05

Instrument :
MSVOA_D
ClientSampleId :
VD0904SBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	102.8

Manual Integrations
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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

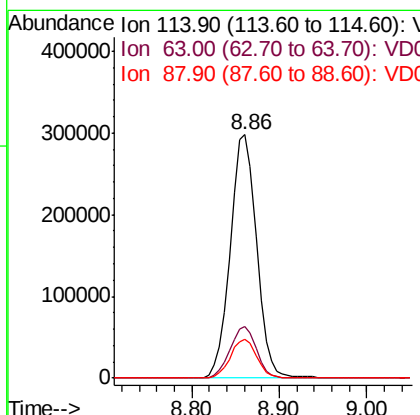
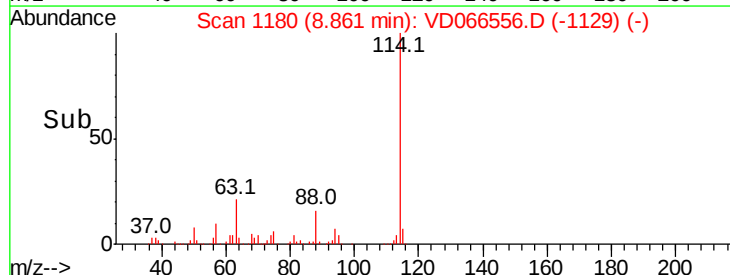
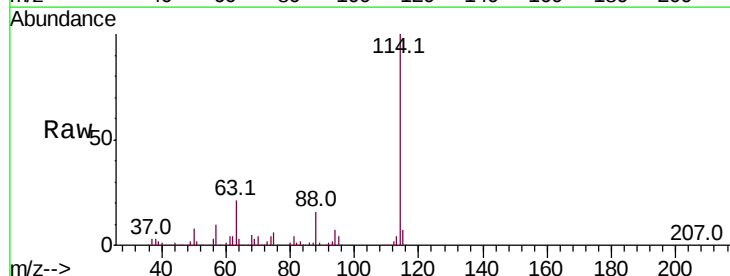
RT: 8.86 min Scan# 1180

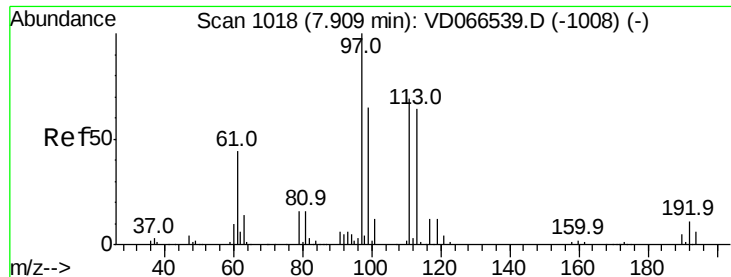
Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	43.2
88	15.8	0.0	33.2





#35

Dibromofluoromethane

Concen: 52.641 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

MSVOA_D

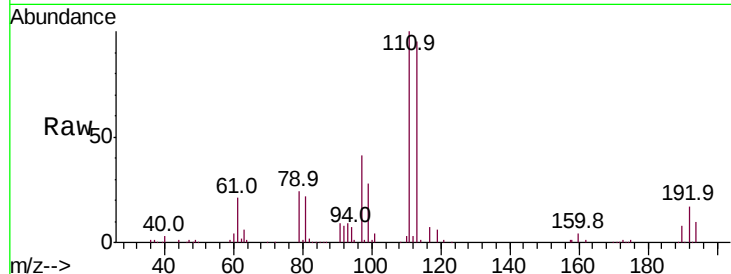
ClientSampleId :

VD0904SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	216149		
111	101.0	83.2	124.8	
192	17.4	13.7	20.5	

Manual Integrations
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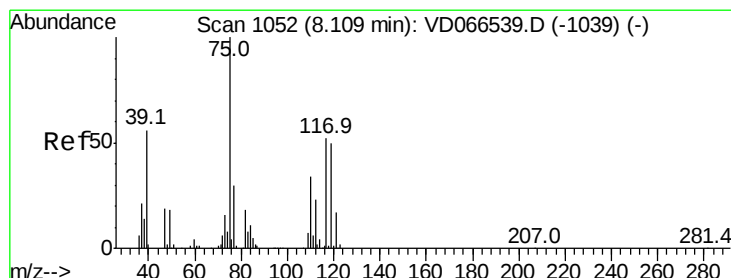
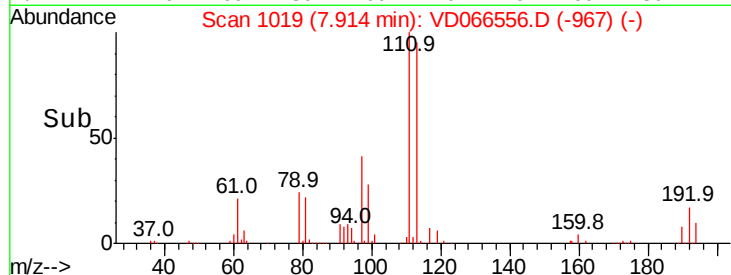
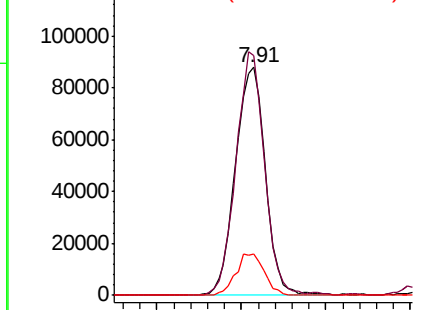


Abundance

Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.983 ug/l

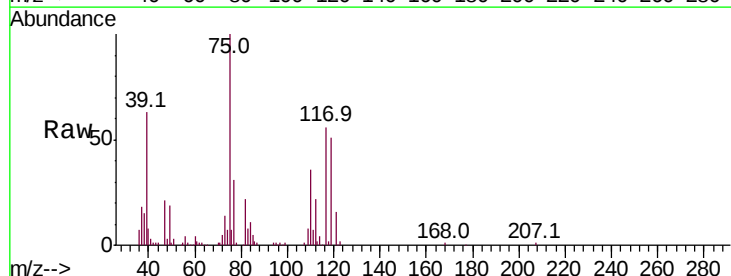
RT: 8.11 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	132911		
110	35.0	17.3	52.0	
77	31.3	25.1	37.7	

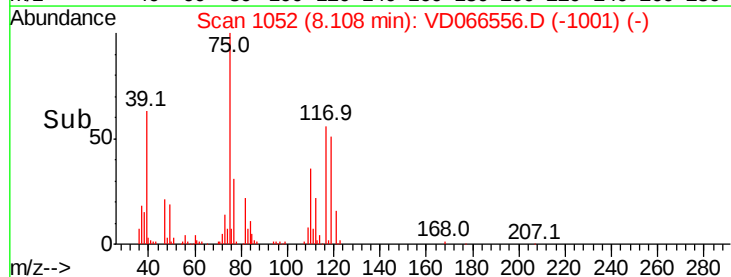
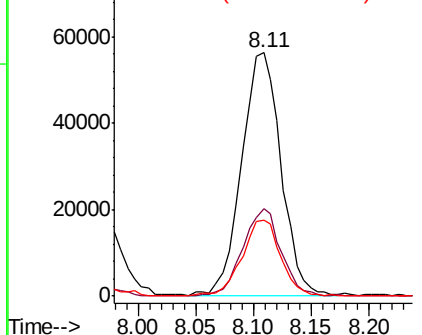


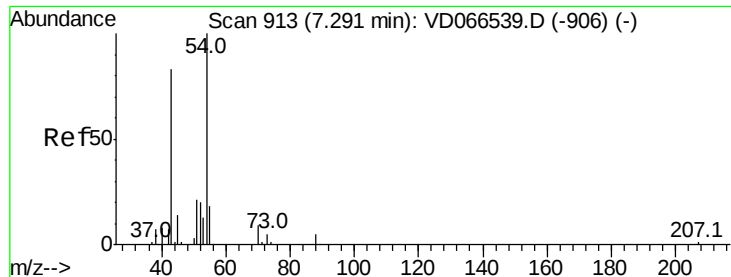
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





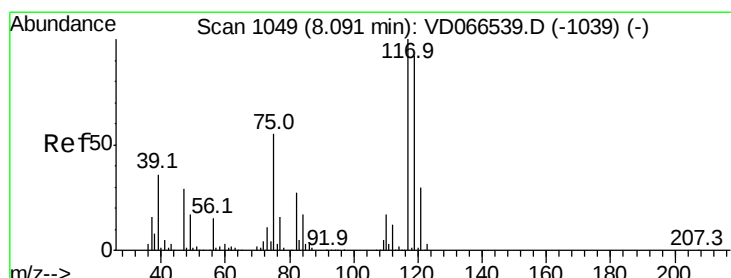
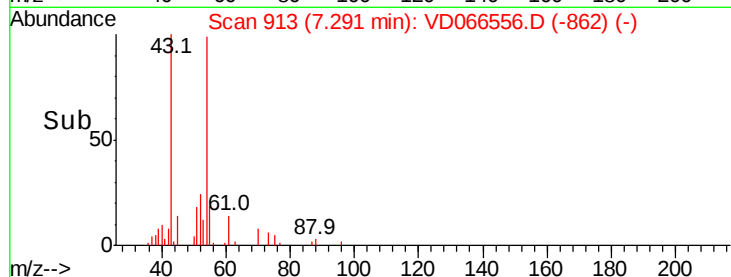
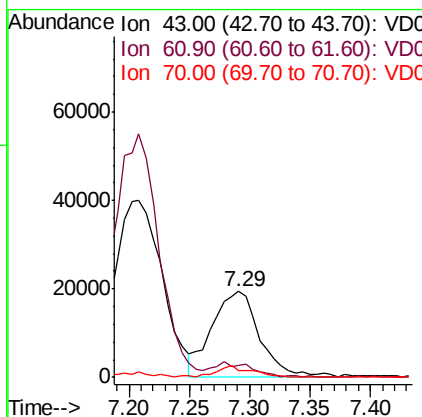
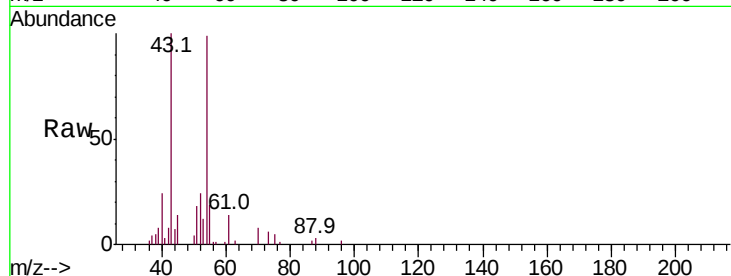
#37
Ethyl Acetate
Concen: 20.986 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Instrument :
MSVOA_D
ClientSampleId :
VD0904SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.8	17.8
70	9.8	7.9	11.9

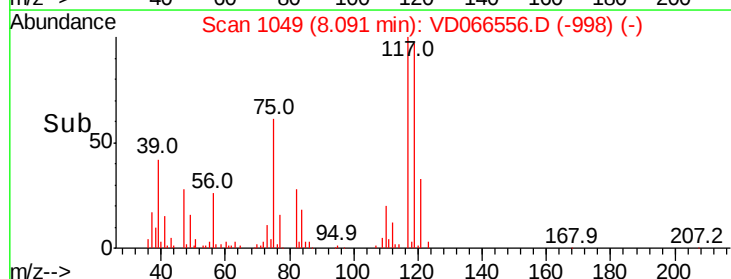
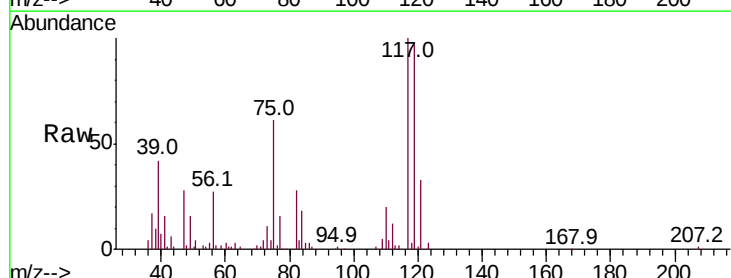
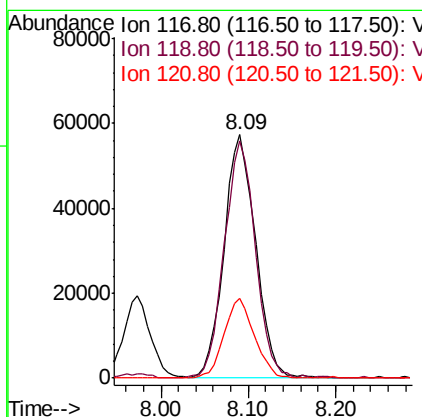
Manual Integrations
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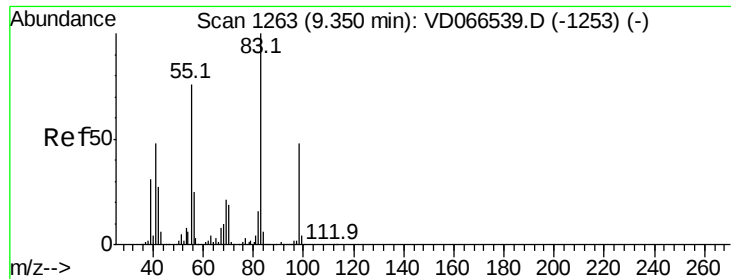
sam
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#38
Carbon Tetrachloride
Concen: 21.136 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	73.9	110.9
121	32.5	24.1	36.1





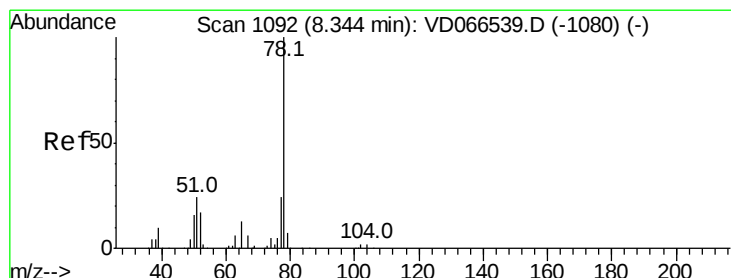
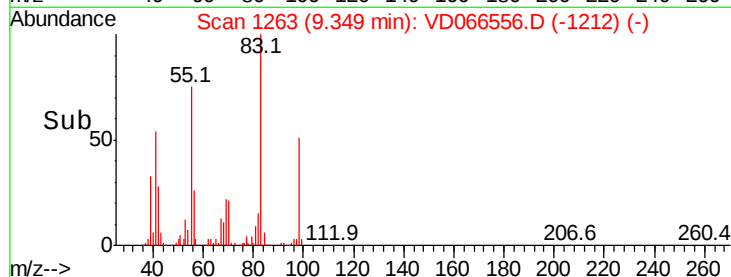
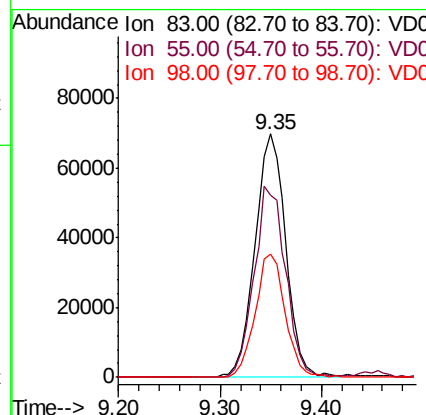
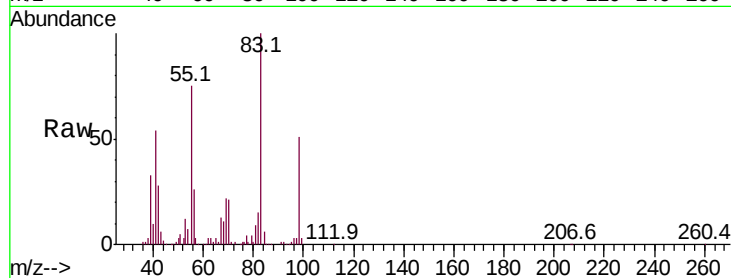
#39
Methylvlcyclohexane
Concen: 20.946 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Instrument :
MSVOA_D
ClientSampleId :
VD0904SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	75.0	60.8	91.2	
98	50.8	38.6	58.0	

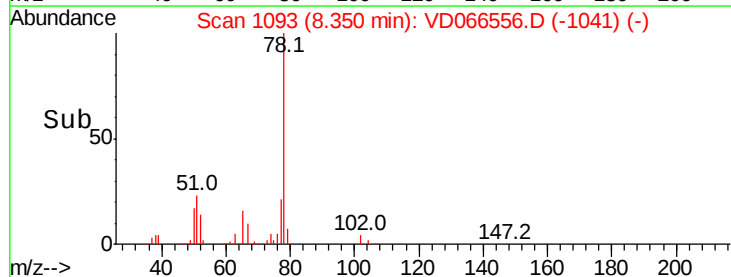
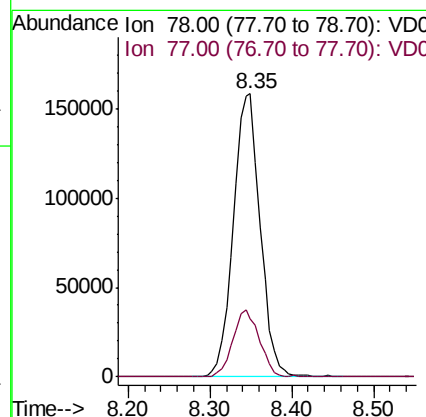
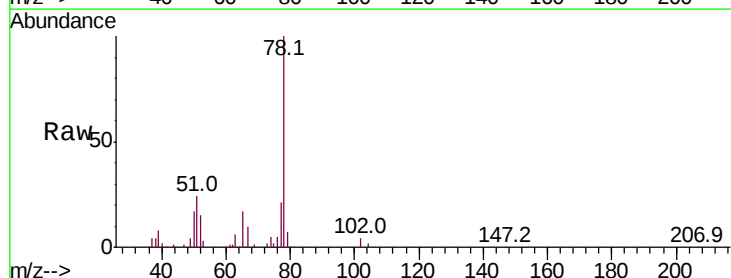
Manual Integrations
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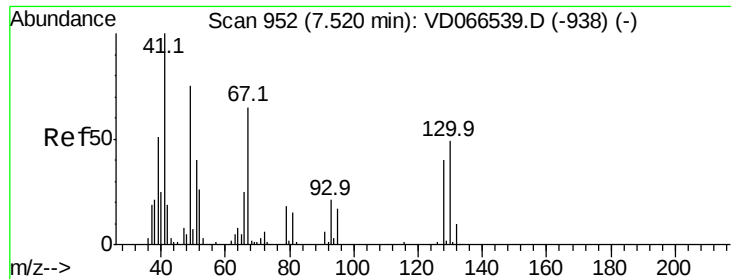
Sam
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#40
Benzene
Concen: 20.806 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	20.7	19.1	28.7	





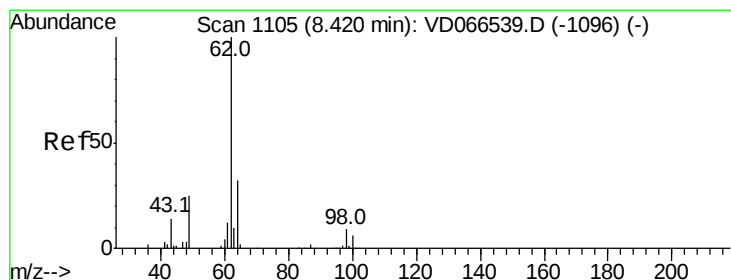
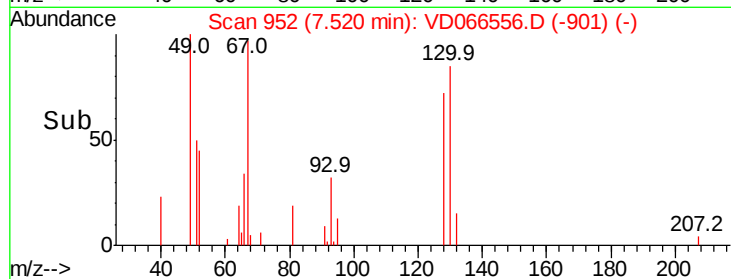
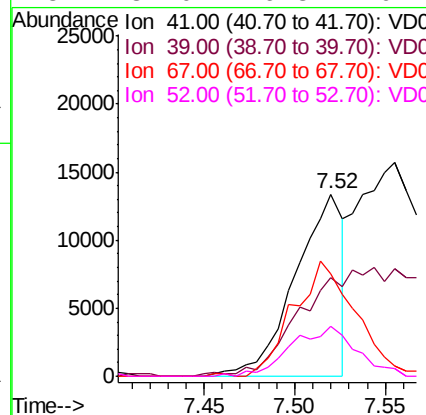
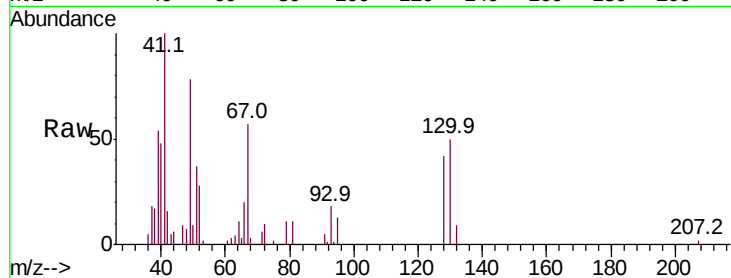
#41
Methacrylonitrile
Concen: 20.241 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.00 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Instrument :
MSVOA_D
ClientSampleId :
VD0904SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	53.6	80.4#
67	81.8	59.2	88.8
52	37.0	26.8	40.2

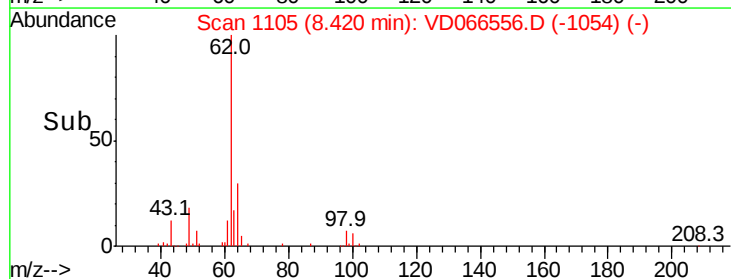
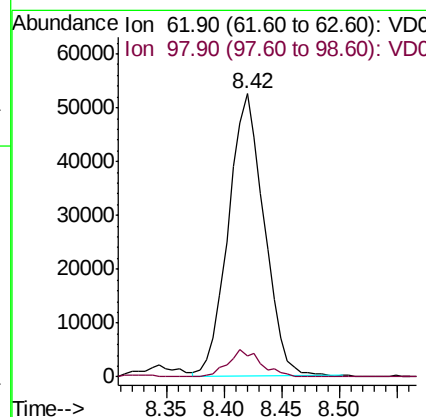
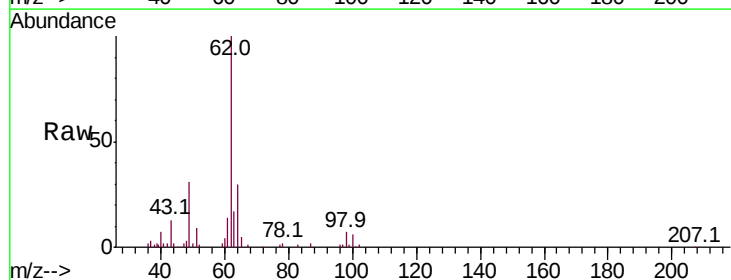
Manual Integrations
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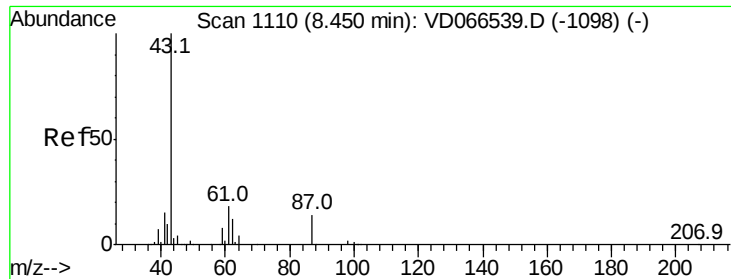
sam
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#42
1,2-Dichloroethane
Concen: 20.011 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.6





#43

Isopropyl Acetate

Concen: 19.350 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

MSVOA_D

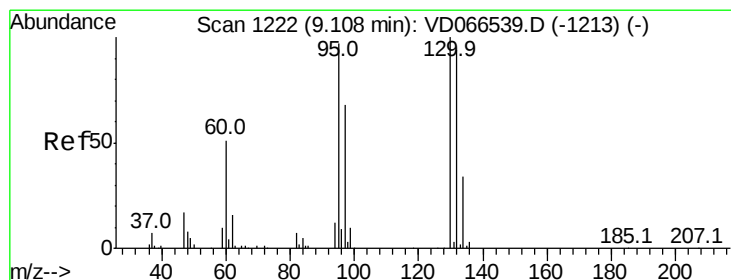
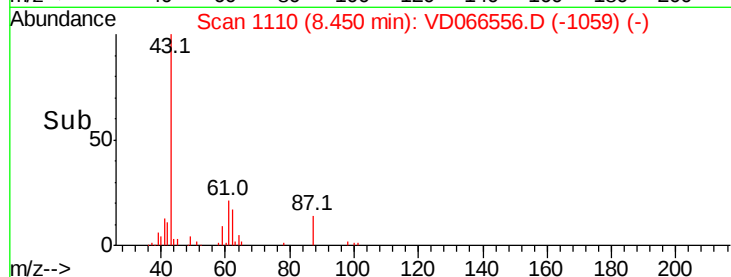
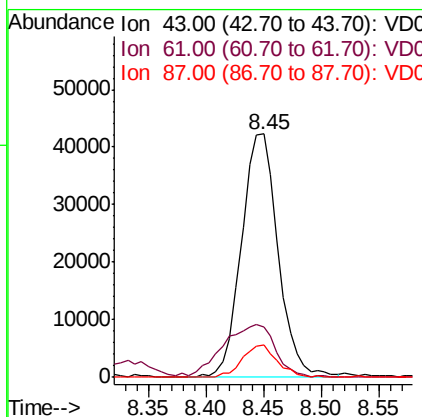
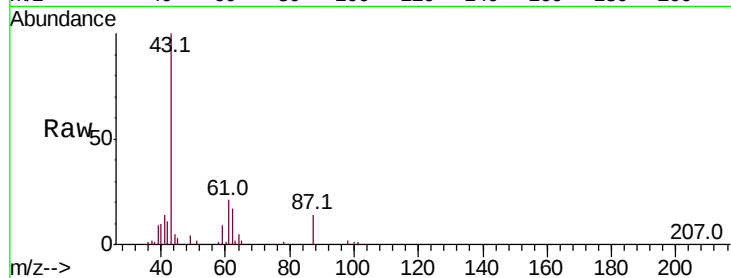
ClientSampleId :

VD0904SBS01

Tot Ion:	43	Resp:	93530
Ion	Ratio	Lower	Upper
43	100		
61	31.0	23.8	35.8
87	12.6	10.7	16.1

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sam
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#44

Trichloroethene

Concen: 20.457 ug/l

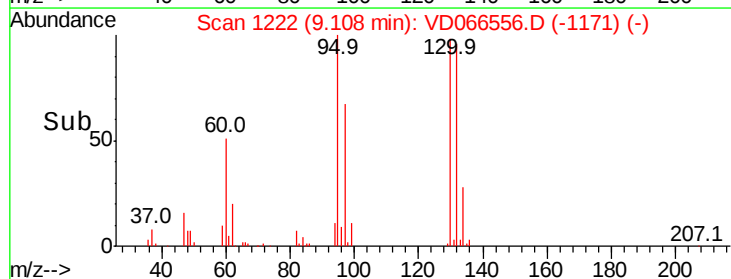
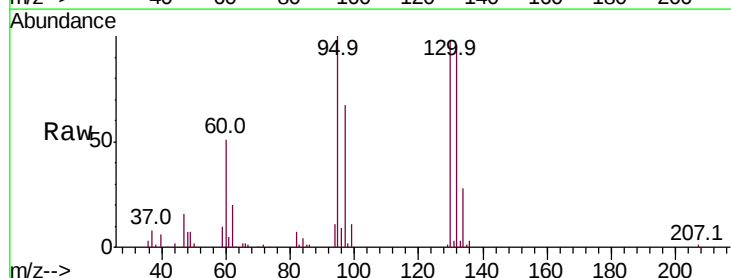
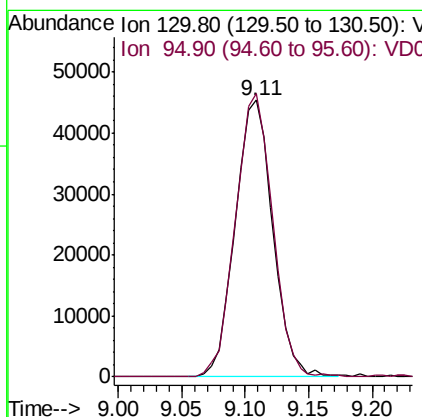
RT: 9.11 min Scan# 1222

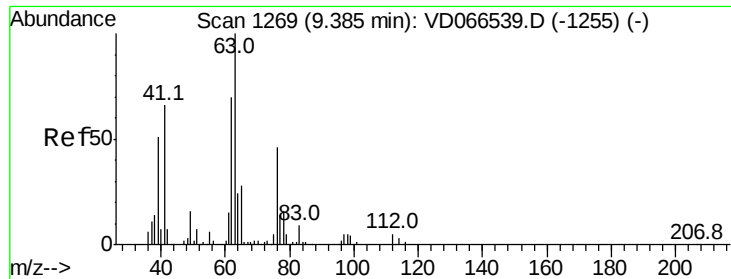
Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Tgt Ion:	130	Resp:	93092
Ion	Ratio	Lower	Upper
130	100		
95	102.3	0.0	194.4





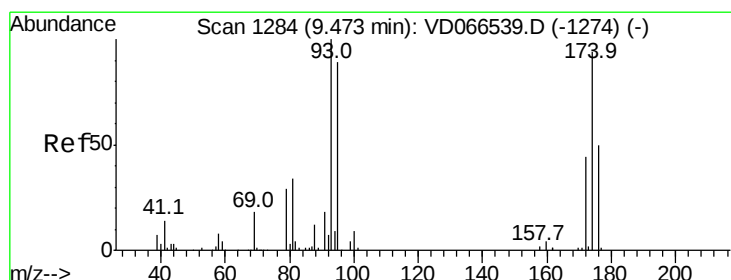
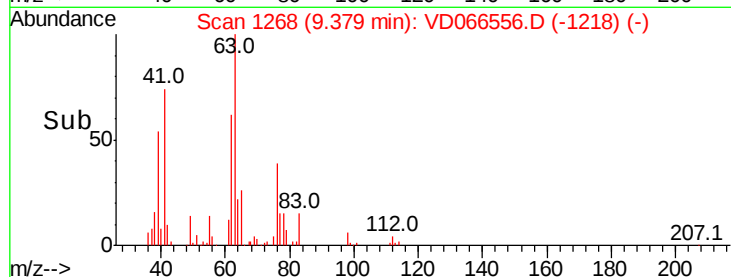
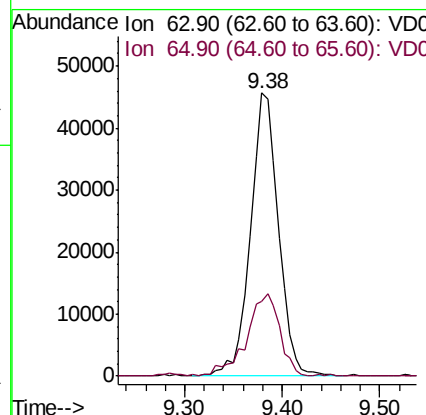
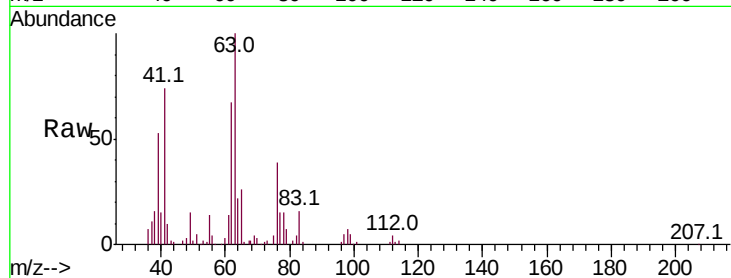
#45
 1,2-Dichloropropane
 Concen: 20.898 ug/l
 RT: 9.38 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VD066556.D
 Acq: 04 Sep 2020 12:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0904SBS01

Tot Ion: 63 Resp: 91173
 Ion Ratio Lower Upper
 63 100
 65 25.9 22.6 34.0

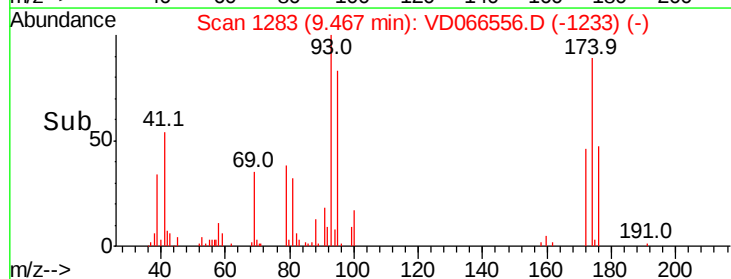
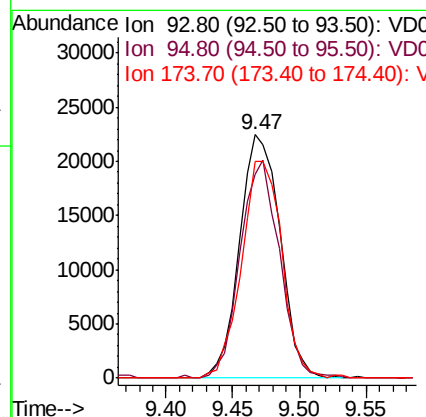
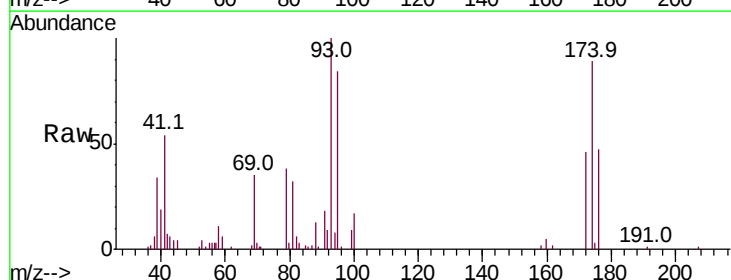
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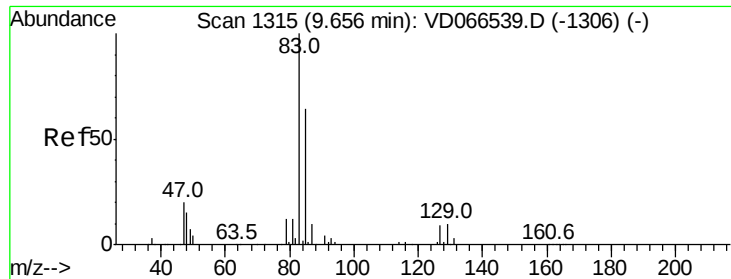
sam
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#46
 Dibromomethane
 Concen: 19.644 ug/l
 RT: 9.47 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: VD066556.D
 Acq: 04 Sep 2020 12:05

Tgt Ion: 93 Resp: 47284
 Ion Ratio Lower Upper
 93 100
 95 86.7 68.7 103.1
 174 88.4 70.0 105.0





#47

Bromodichloromethane

Concen: 20.189 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

MSVOA_D

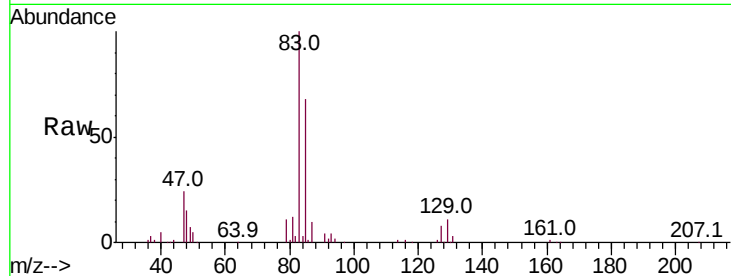
ClientSampleId :

VD0904SBS01

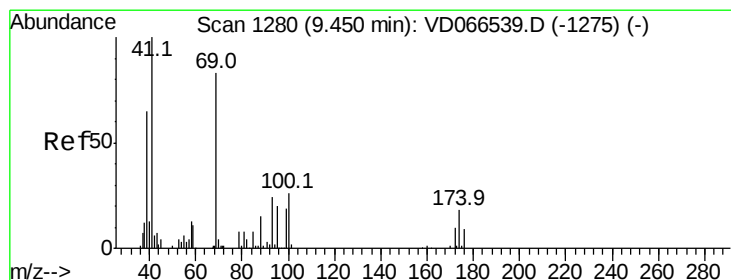
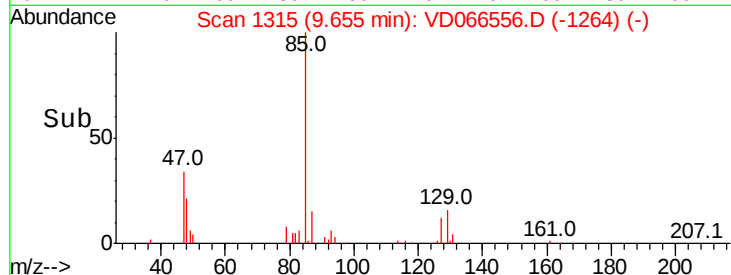
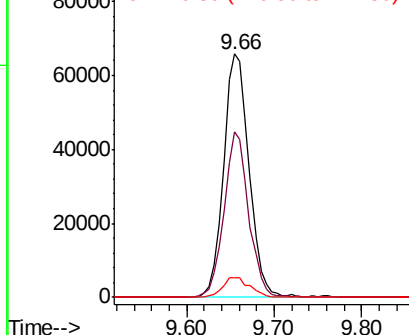
Tot Ion:	83	Resp:	131474
Ion	Ratio	Lower	Upper
83	100		
85	68.0	51.1	76.7
127	7.9	6.9	10.3

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 19.323 ug/l

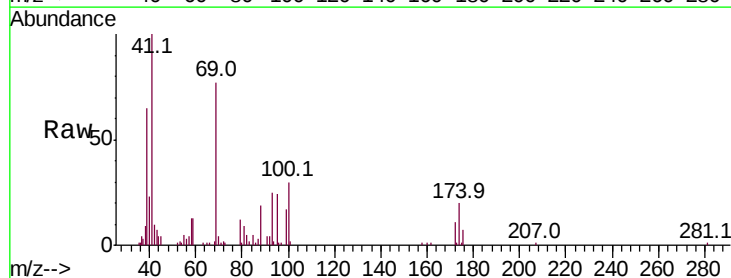
RT: 9.45 min Scan# 1280

Delta R.T. -0.00 min

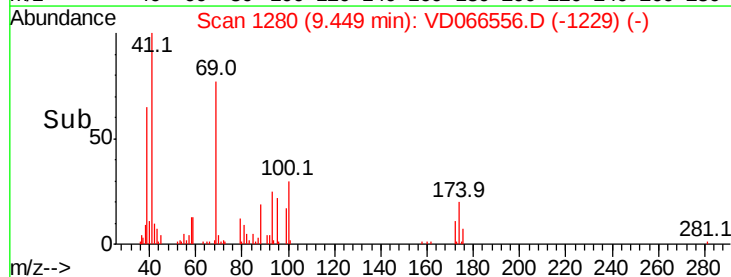
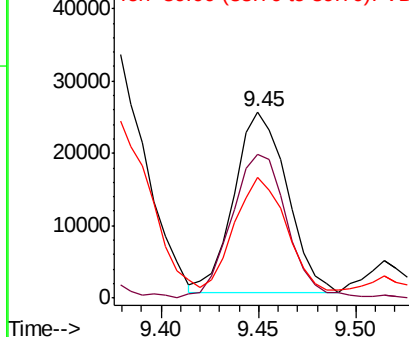
Lab File: VD066556.D

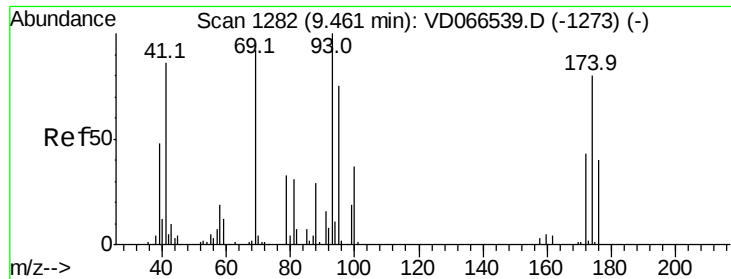
Acq: 04 Sep 2020 12:05

Tgt Ion:	41	Resp:	47229
Ion	Ratio	Lower	Upper
41	100		
69	83.8	64.5	96.7
39	60.8	46.6	69.8



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





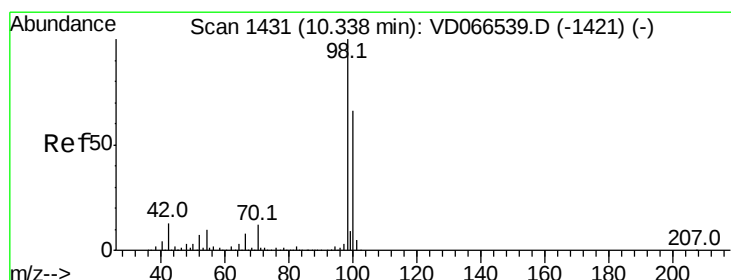
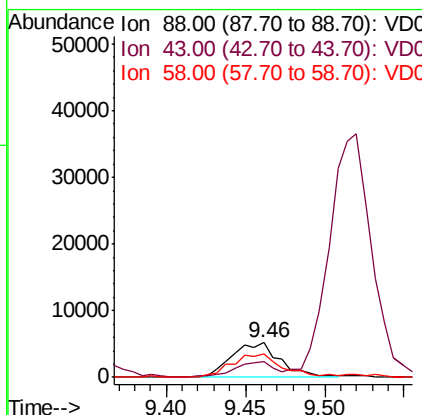
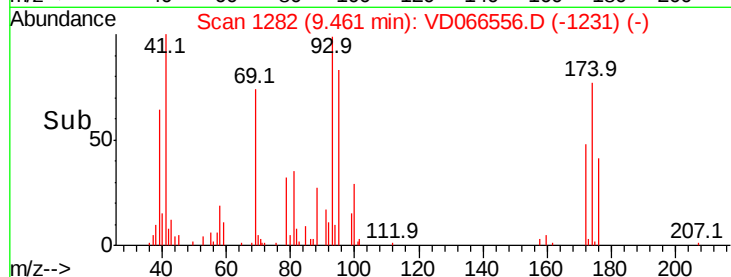
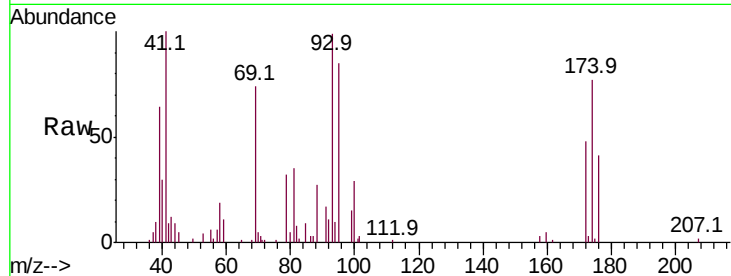
#49
1,4-Dioxane
Concen: 423.947 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Instrument :
MSVOA_D
ClientSampleId :
VD0904SBS01

Tot Ion	88	Resp	11195
Ion	Ratio	Lower	Upper
88	100		
43	36.5	28.3	42.5
58	67.8	56.1	84.1

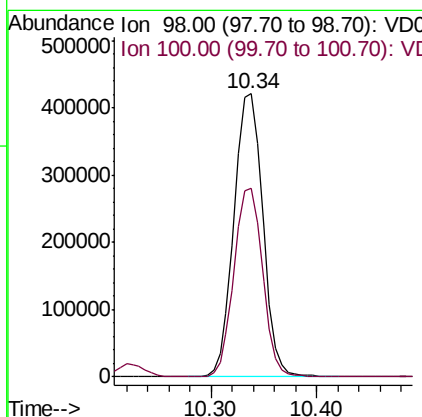
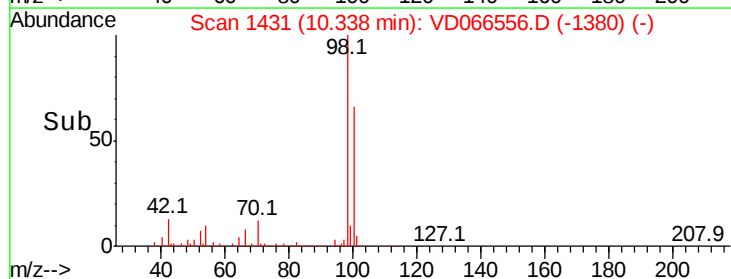
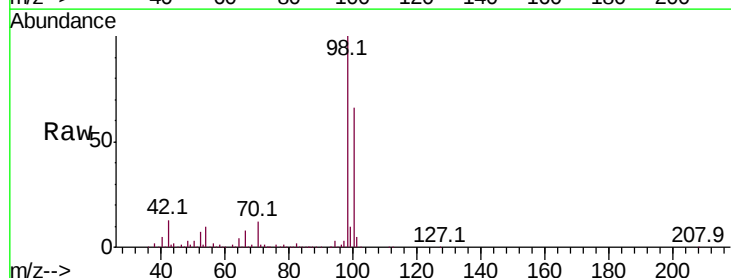
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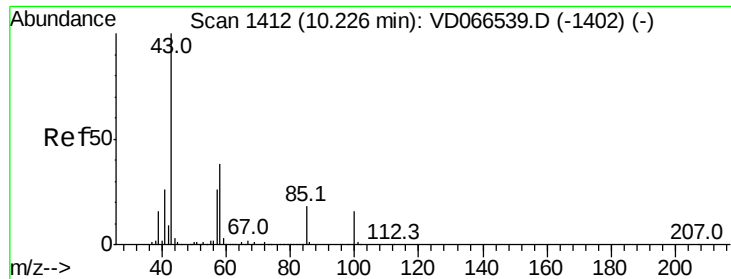
sam
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#50
Toluene-d8
Concen: 54.562 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Tgt Ion	98	Resp	800734
Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 100.396 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD0904SBS01

Tot Ion: 43 Resp: 244743

Ion Ratio Lower Upper

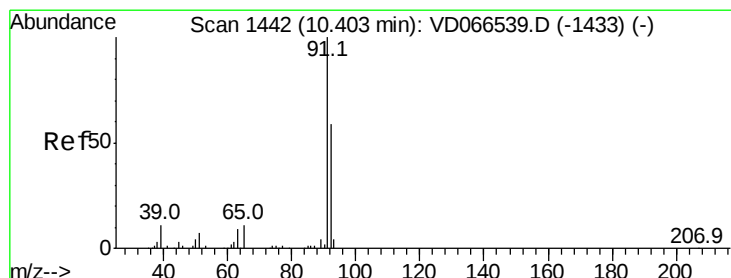
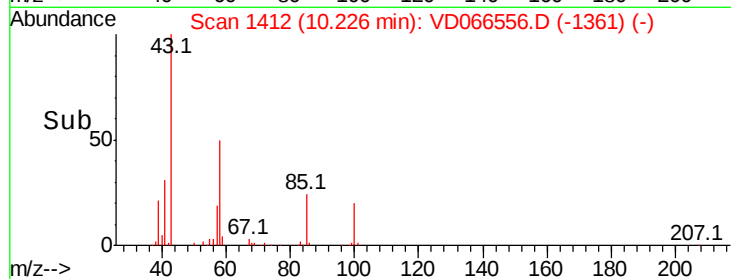
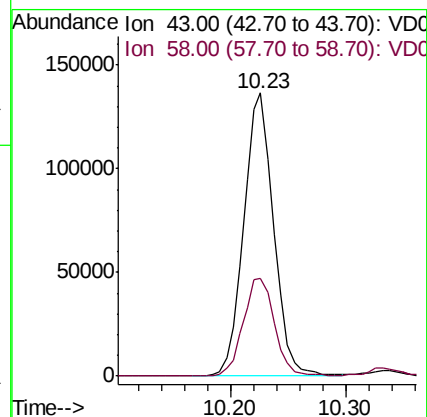
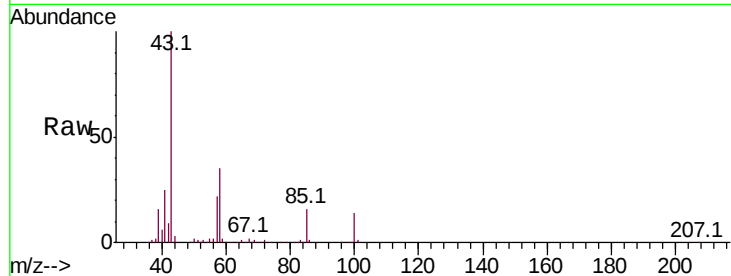
43 100

58 36.2 30.5 45.7

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#52

Toluene

Concen: 20.681 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066556.D

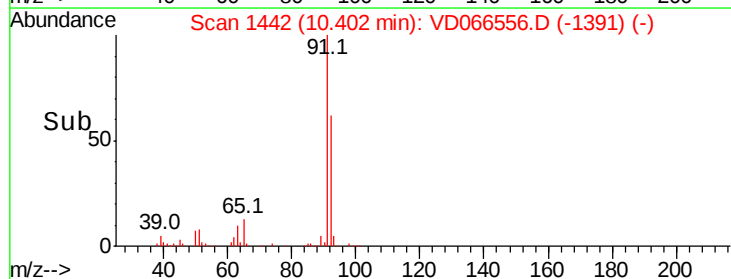
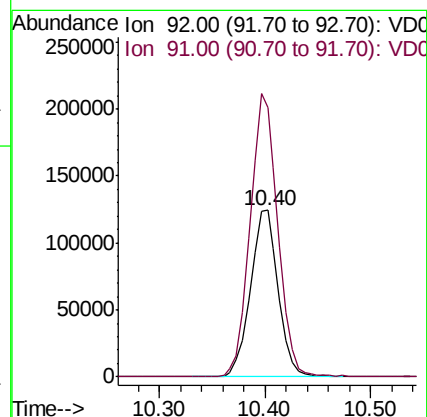
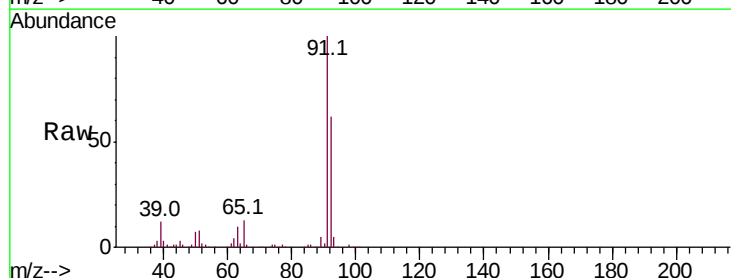
Acq: 04 Sep 2020 12:05

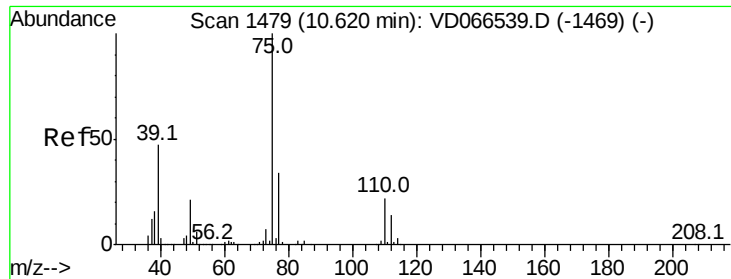
Tgt Ion: 92 Resp: 227112

Ion Ratio Lower Upper

92 100

91 168.8 137.4 206.2





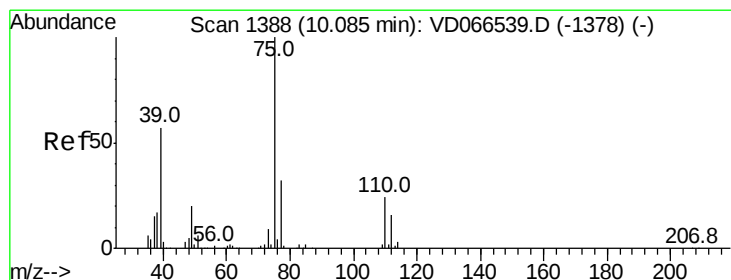
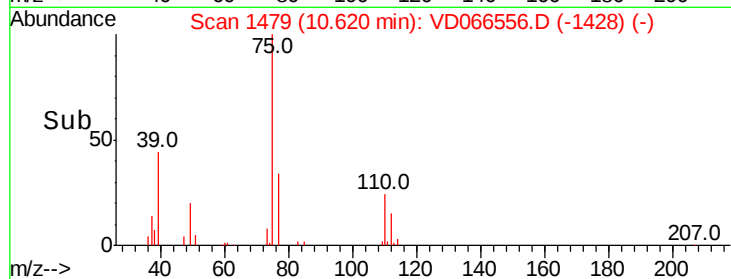
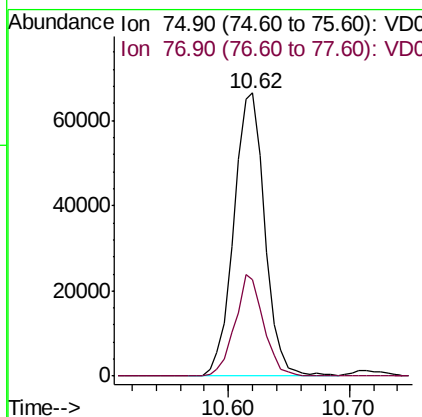
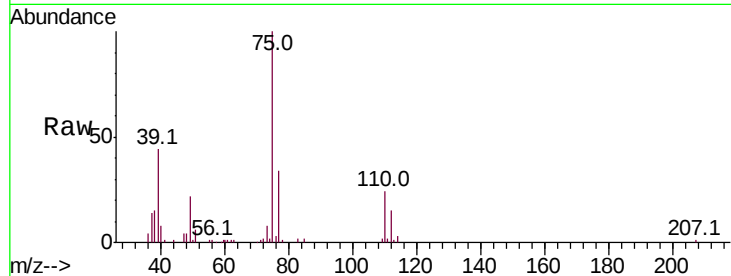
#53
 t-1,3-Dichloropropene
 Concen: 20.741 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: VD066556.D
 Acq: 04 Sep 2020 12:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0904SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	34.2	27.4	41.2

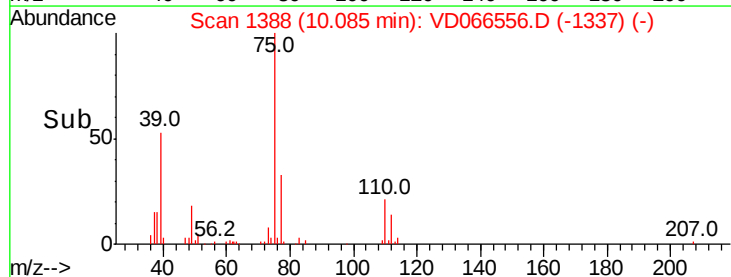
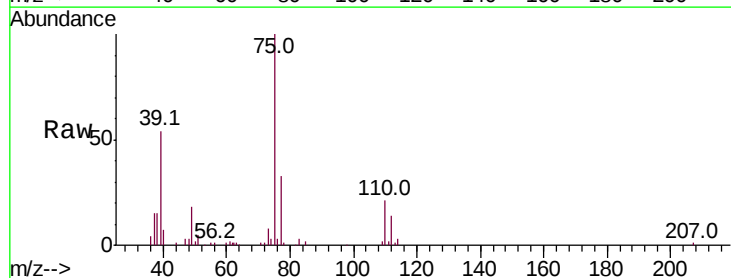
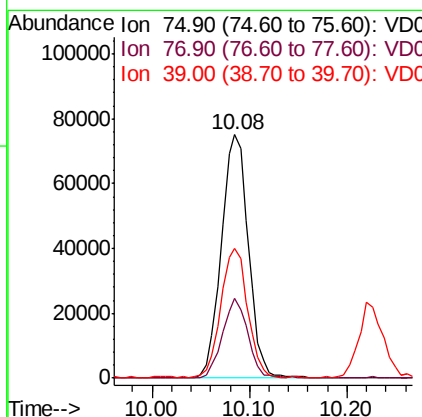
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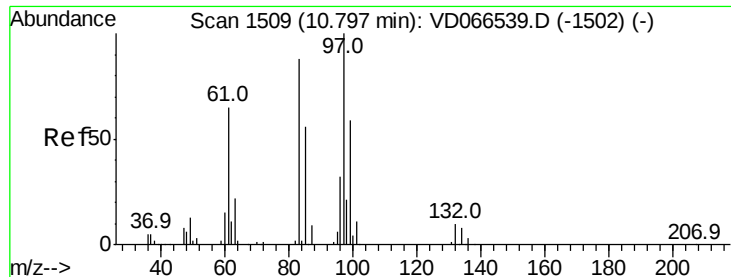
sam
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#54
 cis-1,3-Dichloropropene
 Concen: 20.851 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VD066556.D
 Acq: 04 Sep 2020 12:05

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.4	38.0
39	53.5	45.4	68.0





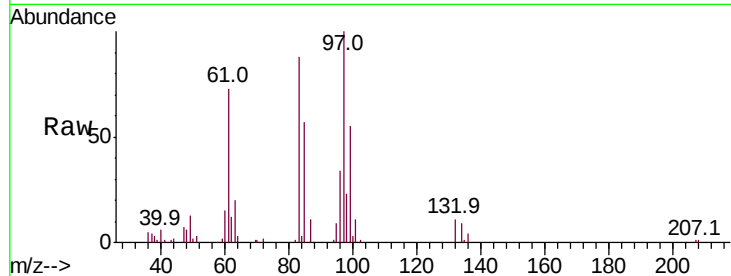
#55
 1,1,2-Trichloroethane
 Concen: 20.645 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VD066556.D
 Acq: 04 Sep 2020 12:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0904SBS01

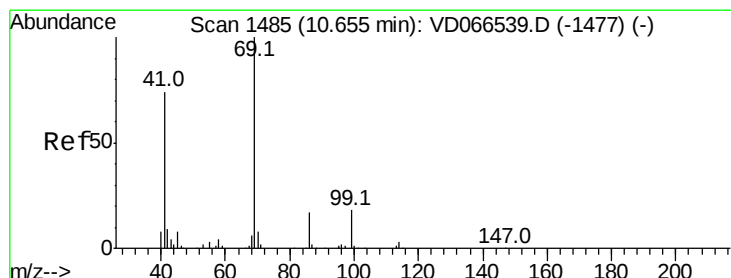
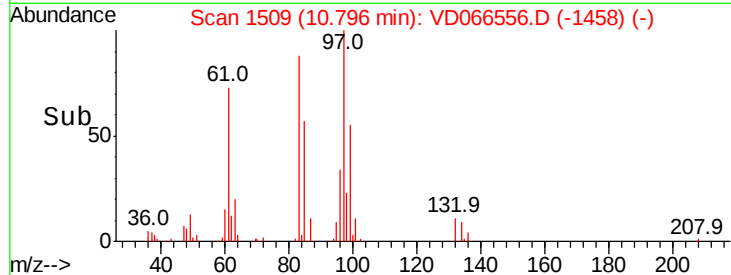
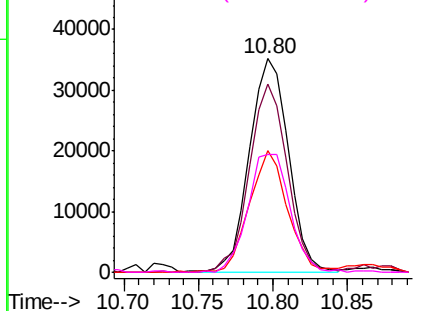
Tot Ion:	97	Resp:	63892
Ion	Ratio	Lower	Upper
97	100		
83	88.5	70.1	105.1
85	56.9	44.5	66.7
99	55.3	47.1	70.7

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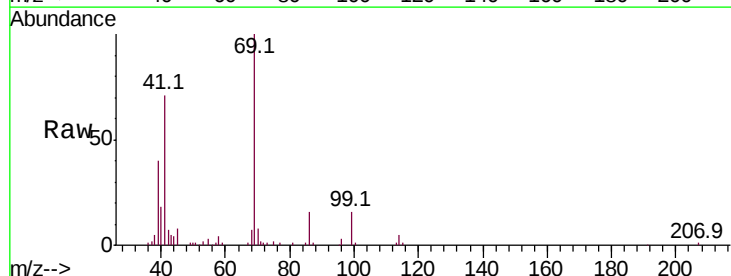


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

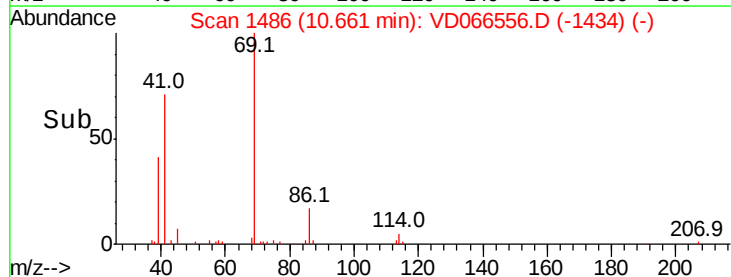
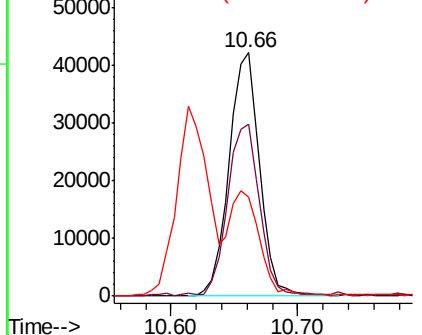


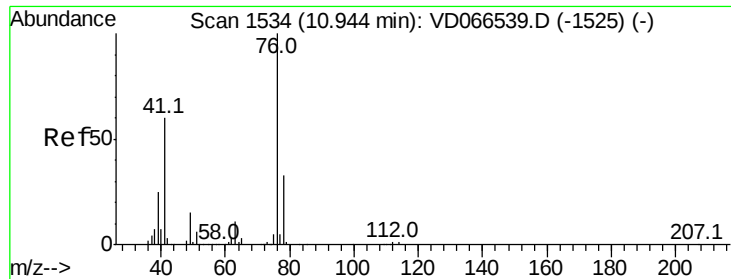
#56
 Ethyl methacrylate
 Concen: 19.460 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.01 min
 Lab File: VD066556.D
 Acq: 04 Sep 2020 12:05

Tgt Ion:	69	Resp:	70121
Ion	Ratio	Lower	Upper
69	100		
41	73.9	56.8	85.2
39	43.0	30.6	46.0



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





#57

1,3-Dichloropropane

Concen: 20.051 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :
MSVOA_D

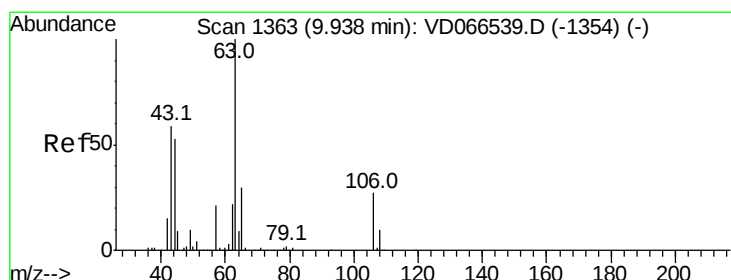
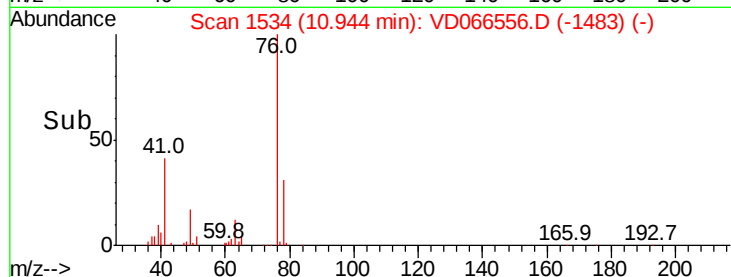
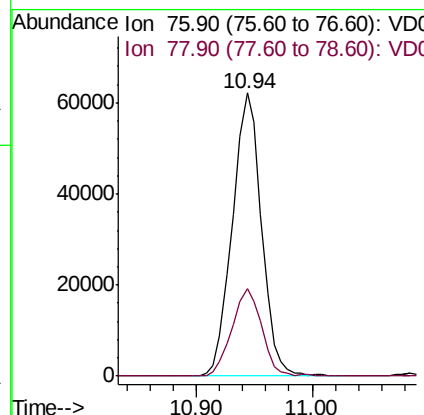
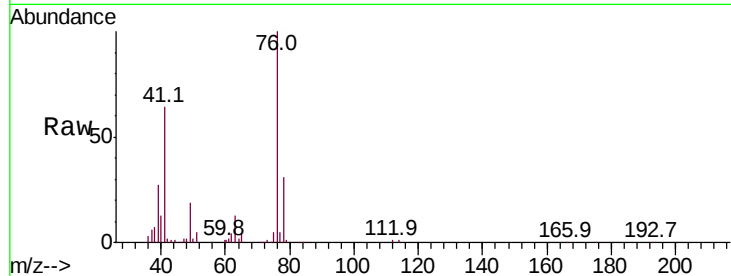
ClientSampleId :
VD0904SBS01

Tot Ion: 76 Resp: 108692

Ion	Ratio	Lower	Upper
76	100		
78	31.5	25.8	38.8

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#58

2-Chloroethyl Vinyl ether

Concen: 113.057 ug/l

RT: 9.94 min Scan# 1363

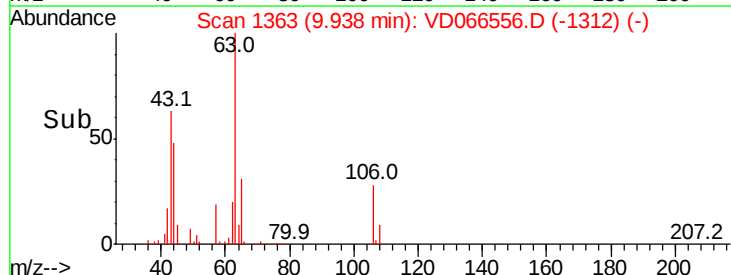
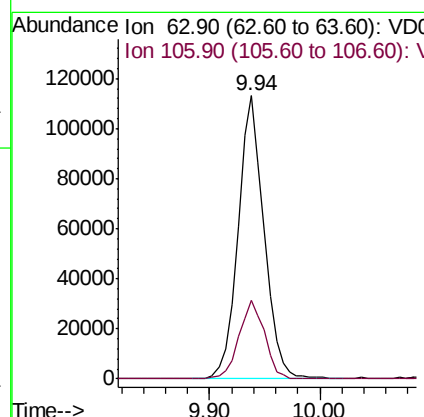
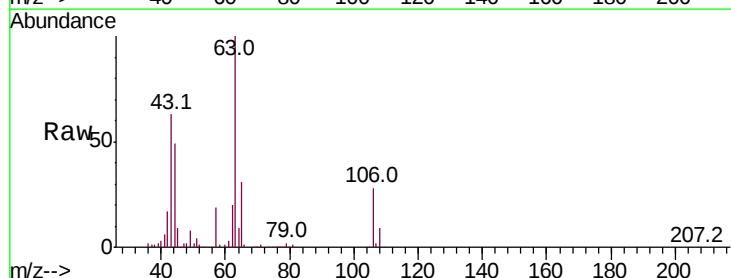
Delta R.T. -0.00 min

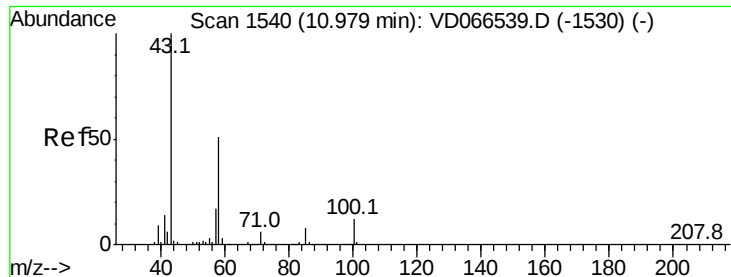
Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Tgt Ion: 63 Resp: 186338

Ion	Ratio	Lower	Upper
63	100		
106	27.3	22.0	33.0





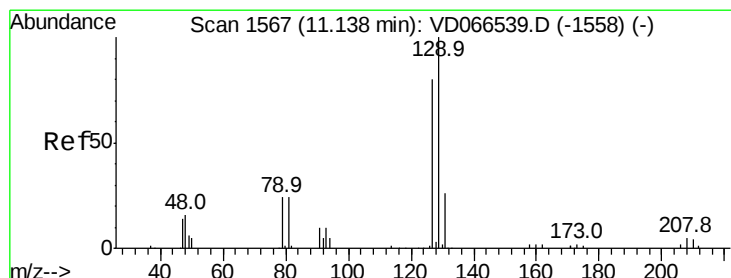
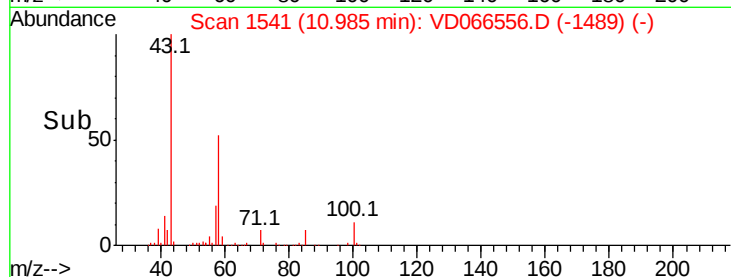
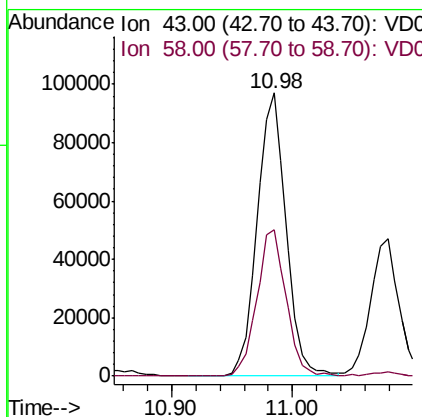
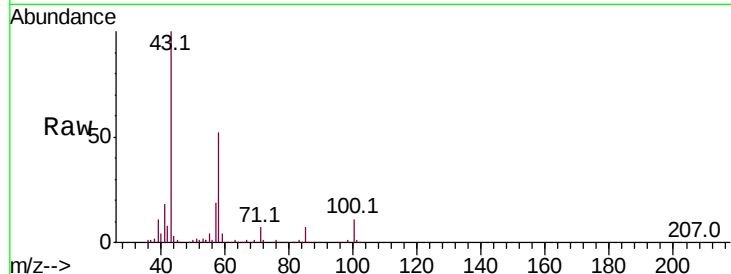
#59
2-Hexanone
Concen: 99.059 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.01 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Instrument :
MSVOA_D
ClientSampleId :
VD0904SBS01

Tot Ion: 43 Resp: 162394
Ion Ratio Lower Upper
43 100
58 52.5 25.6 76.8

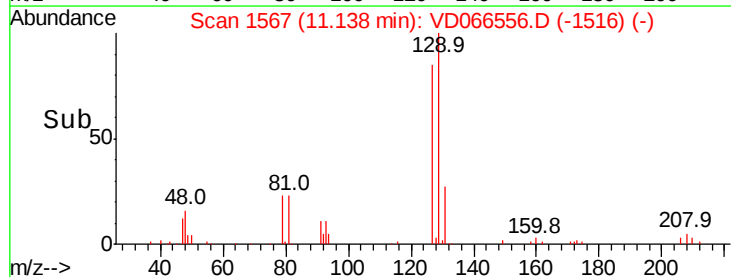
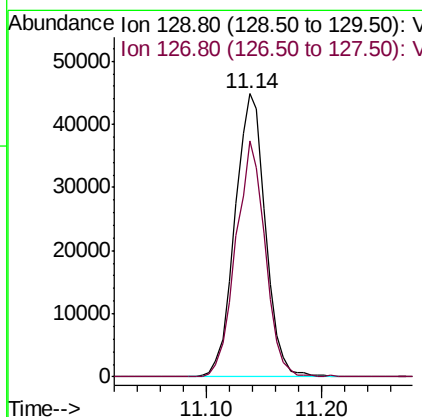
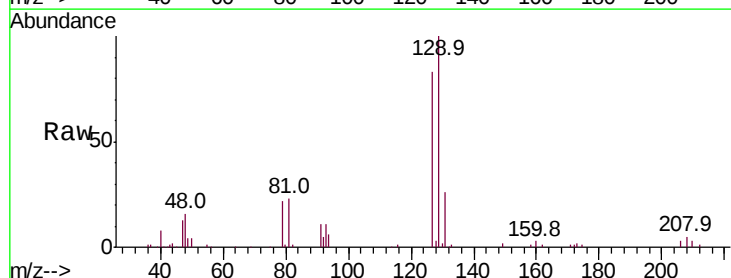
Manual Integrations
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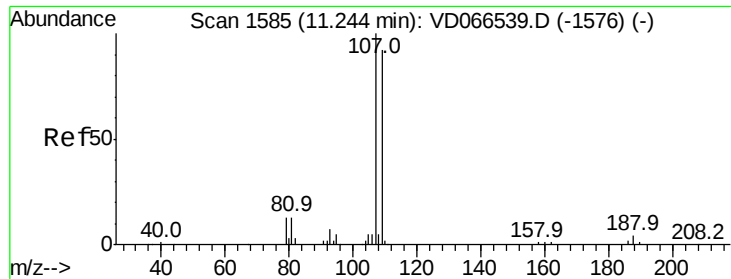
sam
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#60
Dibromochloromethane
Concen: 20.029 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Tgt Ion: 129 Resp: 81967
Ion Ratio Lower Upper
129 100
127 80.2 39.5 118.3





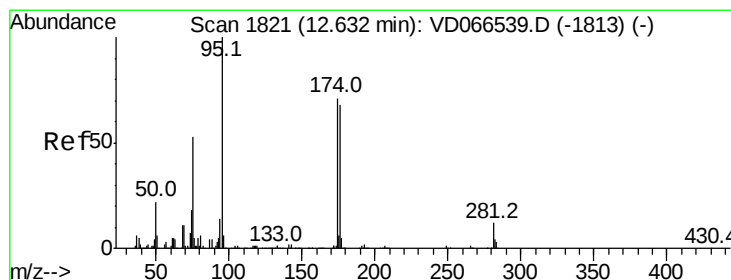
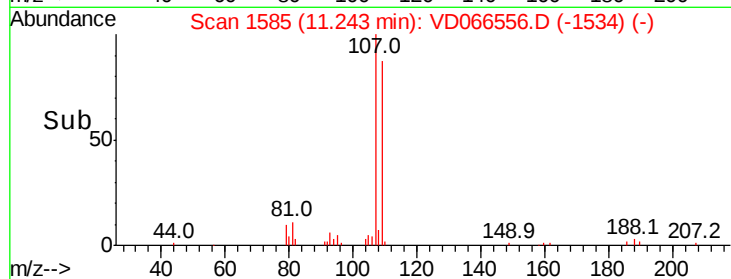
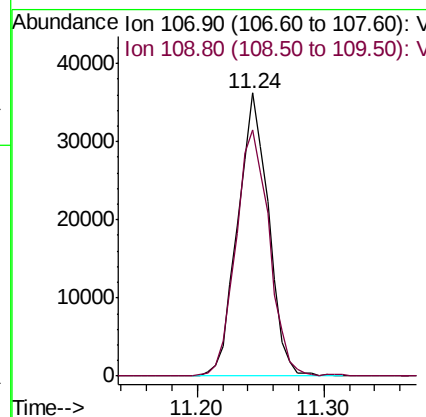
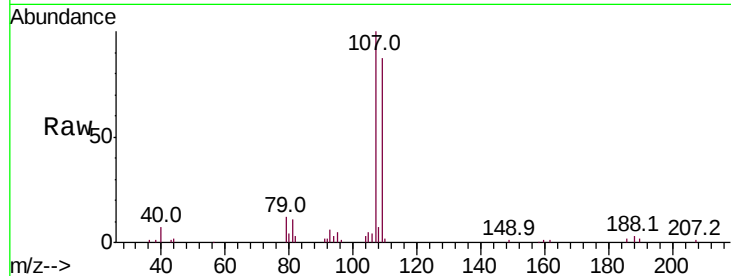
#61
 1,2-Dibromoethane
 Concen: 20.225 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066556.D
 Acq: 04 Sep 2020 12:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0904SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.0	74.4	111.6

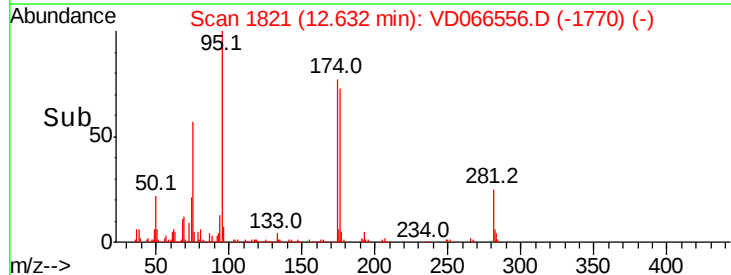
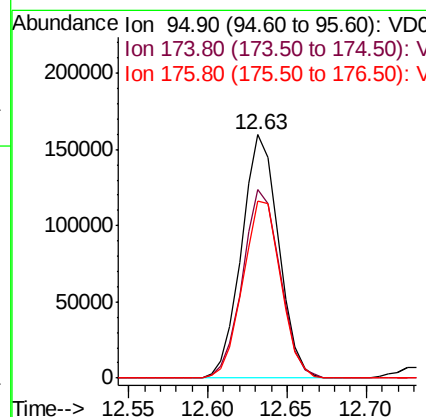
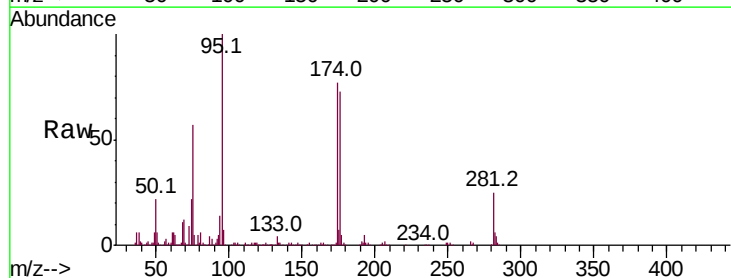
Manual Integrations
 APPROVED

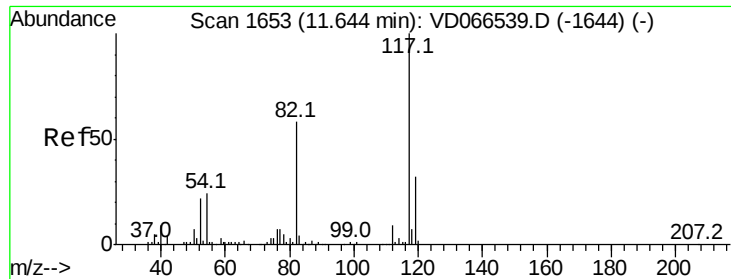
sam
 9/8/2020 5:42:43 PM



#62
 4-Bromofluorobenzene
 Concen: 53.346 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066556.D
 Acq: 04 Sep 2020 12:05

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.4	0.0	155.8
176	74.6	0.0	148.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

MSVOA_D

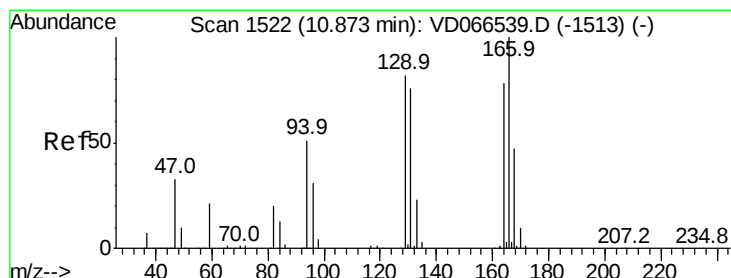
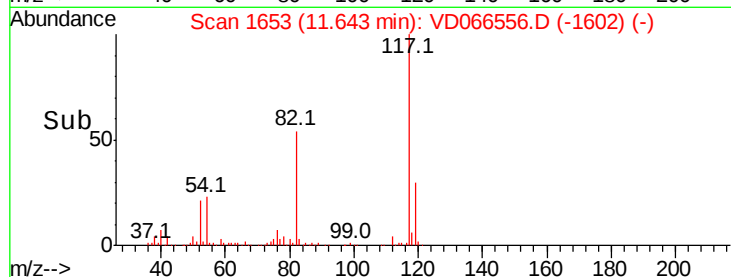
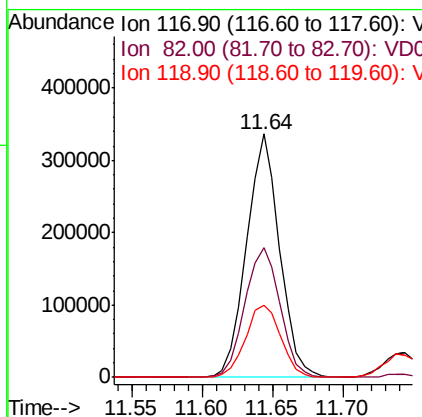
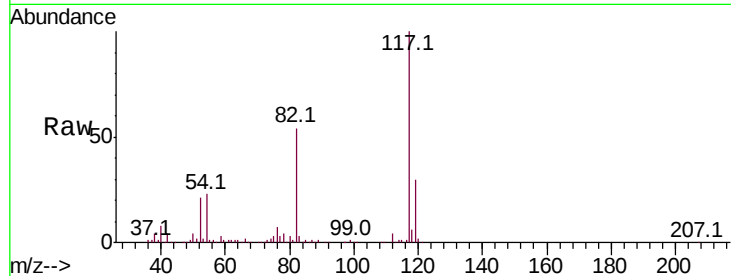
ClientSampleId :

VD0904SBS01

Tot Ion:	117	Resp:	552793
Ion Ratio	Lower	Upper	
117	100		
82	53.5	46.2	69.2
119	29.7	25.8	38.8

Manual Integrations
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sam
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#64

Tetrachloroethene

Concen: 20.900 ug/l

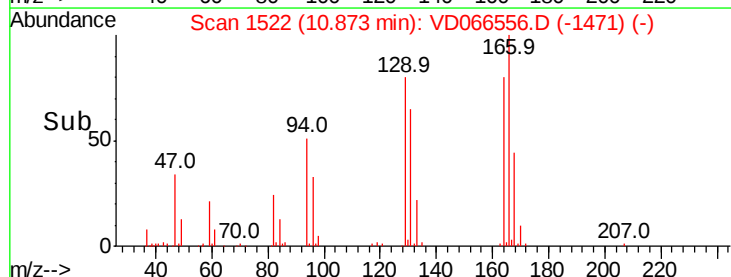
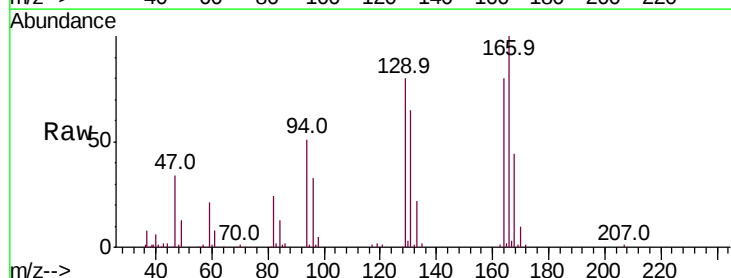
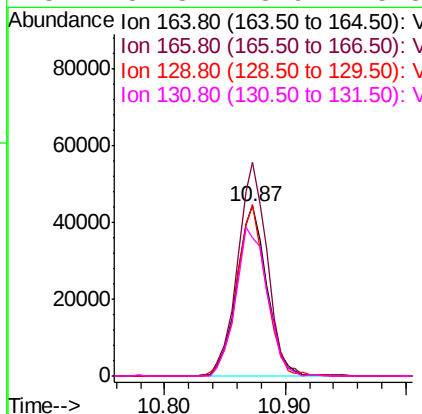
RT: 10.87 min Scan# 1522

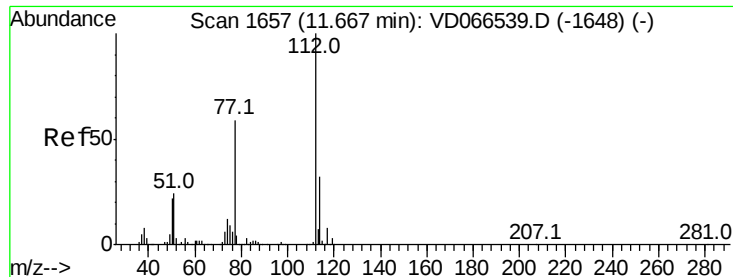
Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Tgt Ion:	164	Resp:	77790
Ion Ratio	Lower	Upper	
164	100		
166	125.6	103.2	154.8
129	101.0	84.5	126.7
131	81.3	78.9	118.3





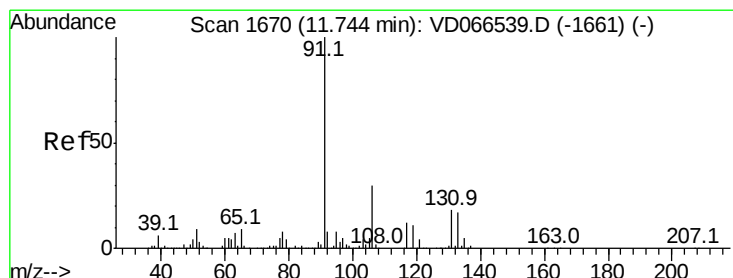
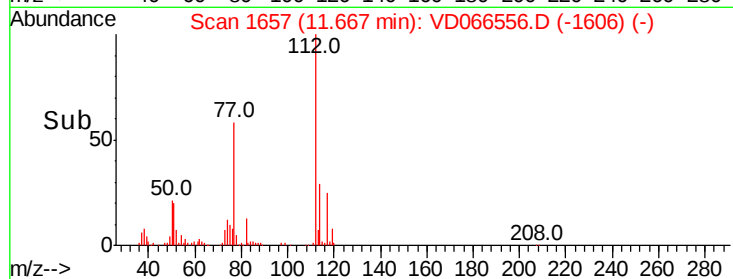
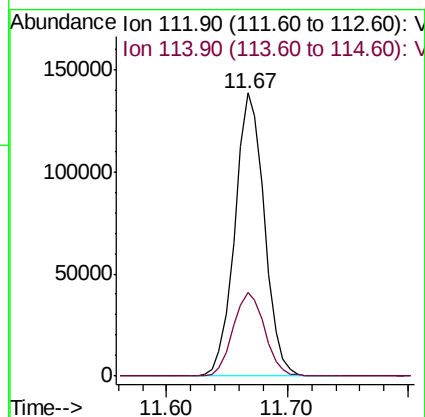
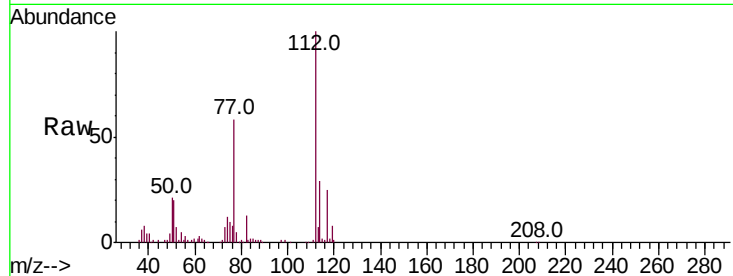
#65
Chlorobenzene
Concen: 20.675 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Instrument :
MSVOA_D
ClientSampleId :
VD0904SBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	235883		
114	29.5	25.7	38.5	

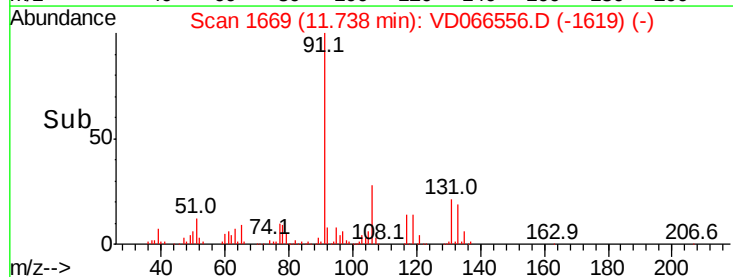
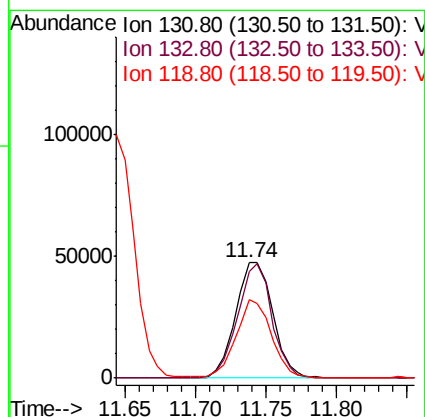
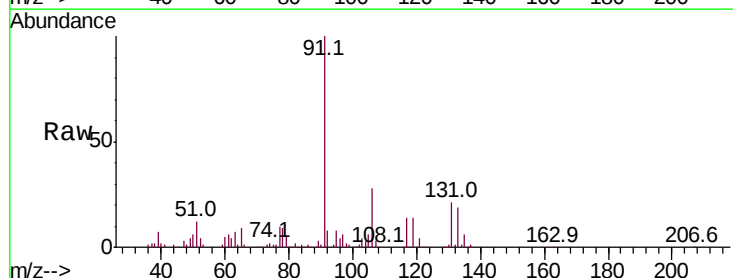
Manual Integrations
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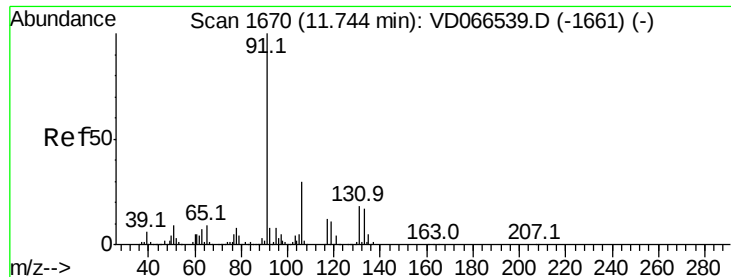
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.107 ug/l
RT: 11.74 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	87555		
133	91.4	46.7	140.0	
119	64.8	31.9	95.7	





#67

Ethyl Benzene

Concen: 20.048 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD0904SBS01

Tot Ion: 91 Resp: 419999

Ion Ratio Lower Upper

91 100

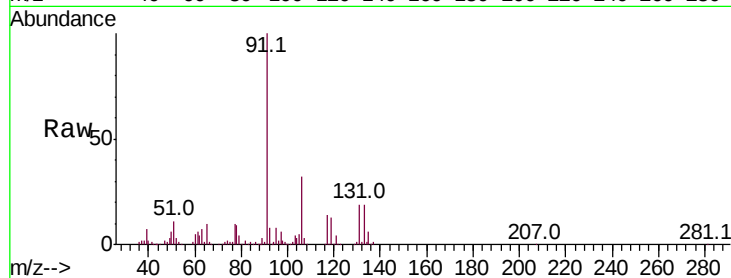
106 31.7 24.3 36.5

Manual Integrations

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Sam

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Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

400000

300000

200000

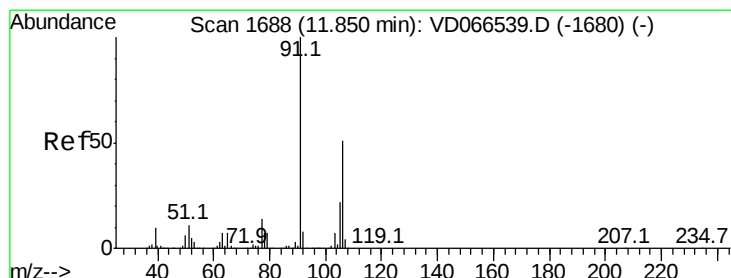
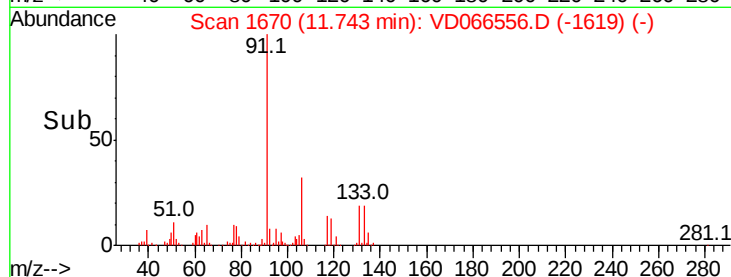
100000

0

11.74

11.80

Time-->



#68

m/p-Xylenes

Concen: 41.431 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VD066556.D

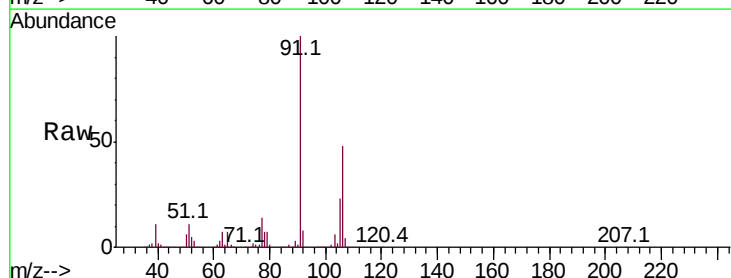
Acq: 04 Sep 2020 12:05

Tgt Ion: 106 Resp: 322278

Ion Ratio Lower Upper

106 100

91 207.6 162.4 243.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

400000

300000

200000

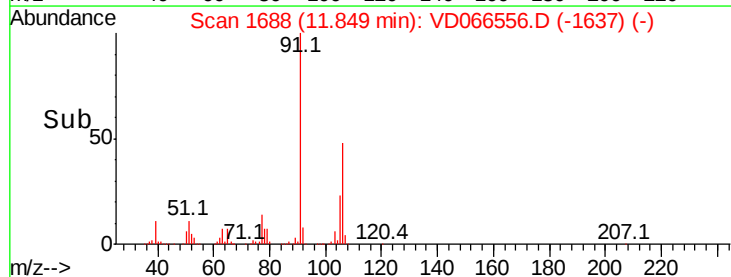
100000

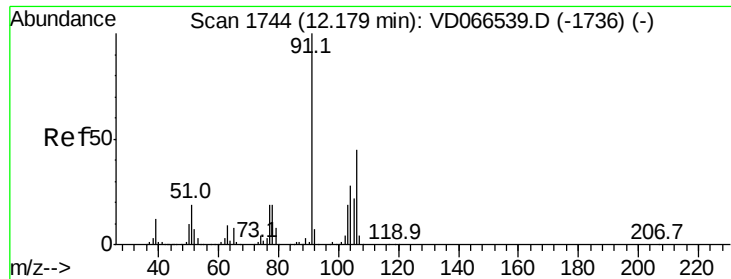
0

11.85

11.90

Time-->





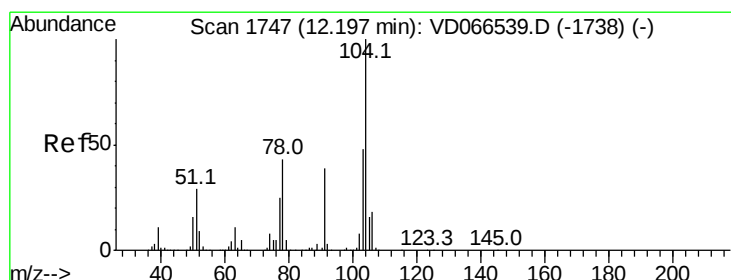
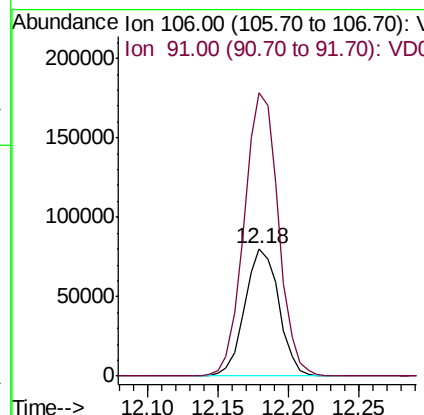
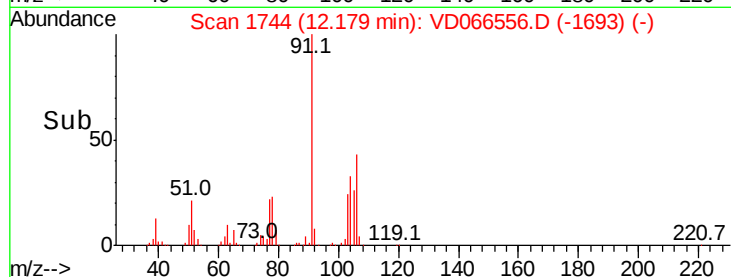
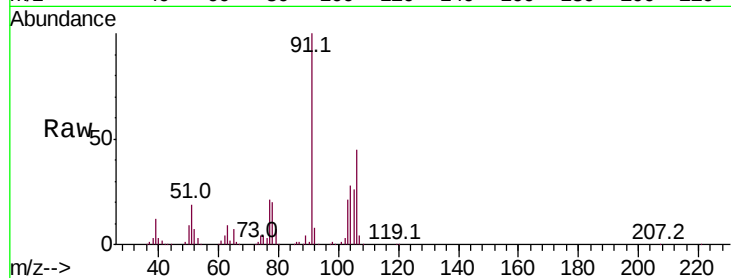
#69
o-Xylene
Concen: 19.481 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Instrument :
MSVOA_D
ClientSampleId :
VD0904SBS01

Tot Ion:106 Resp: 135802
Ion Ratio Lower Upper
106 100
91 223.7 107.9 323.8

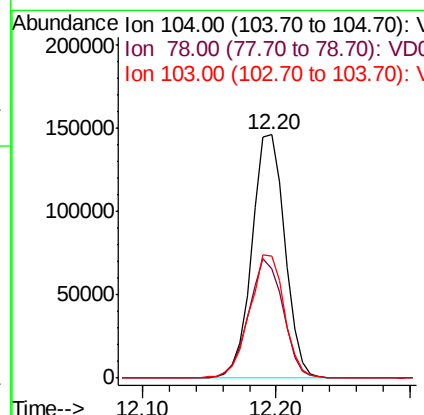
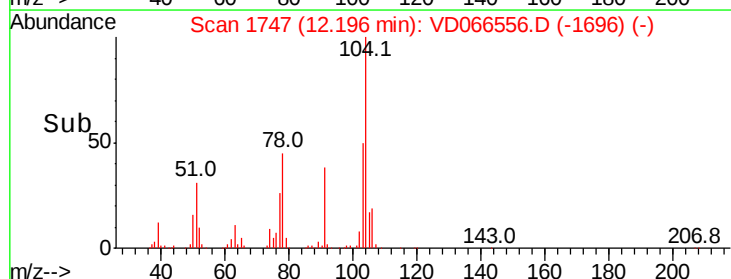
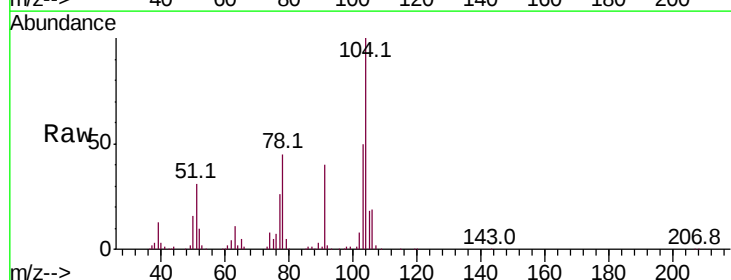
Manual Integrations
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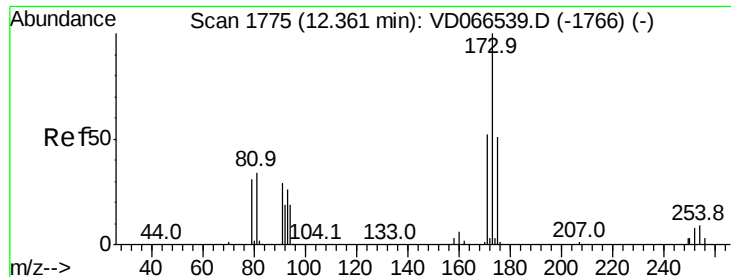
sam
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#70
Styrene
Concen: 20.485 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Tgt Ion:104 Resp: 248271
Ion Ratio Lower Upper
104 100
78 51.8 40.7 61.1
103 53.7 42.9 64.3





#71

Bromoform

Concen: 20.368 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD0904SBS01

Tot Ion:173 Resp: 44696

Ion Ratio Lower Upper

173 100

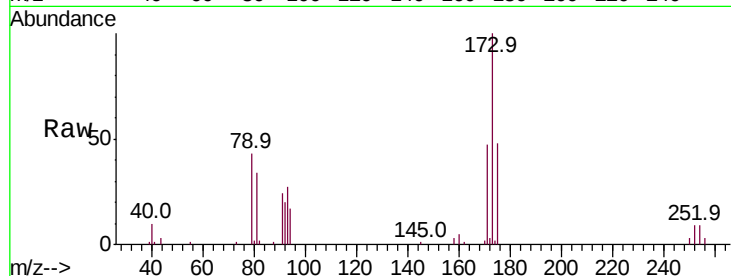
175 47.4 24.2 72.6

254 0.0 0.0 0.0

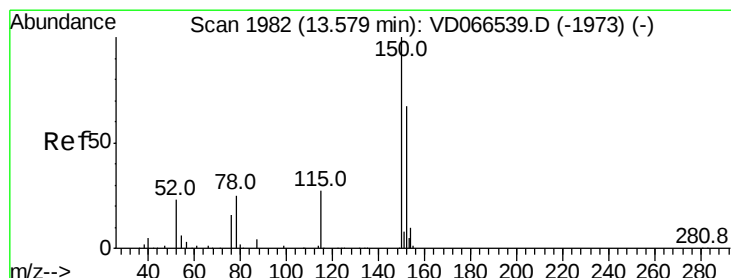
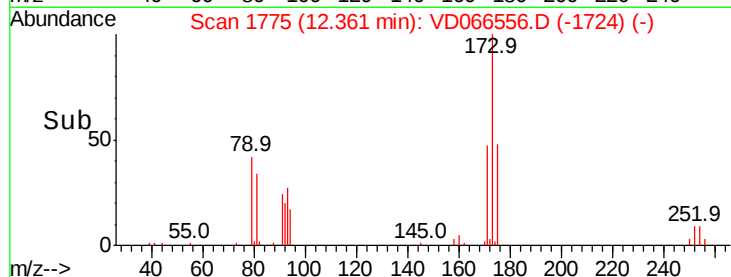
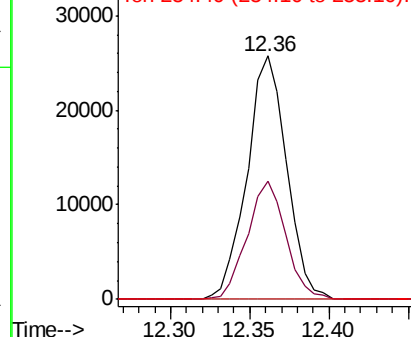
Manual Integrations
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sam

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

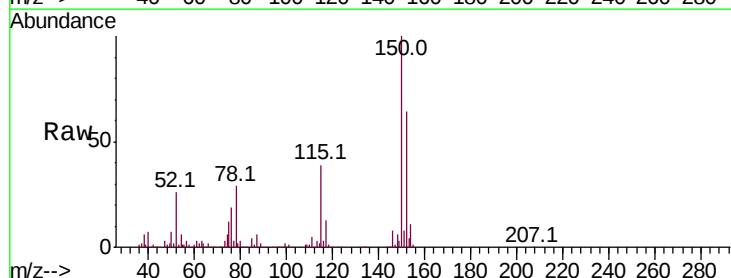
Tgt Ion:152 Resp: 254212

Ion Ratio Lower Upper

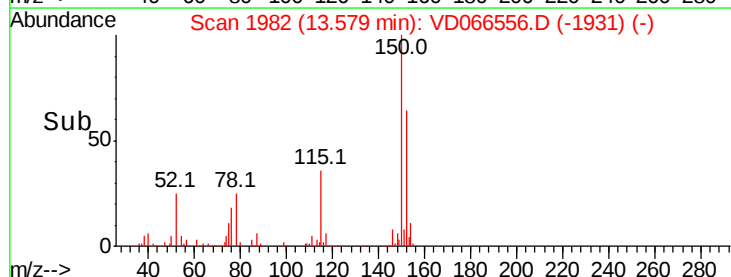
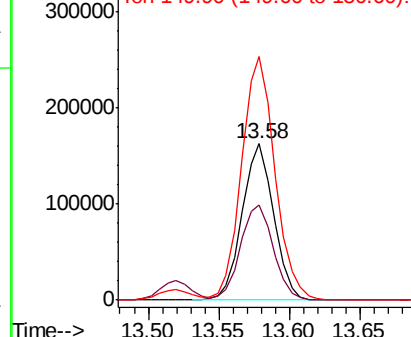
152 100

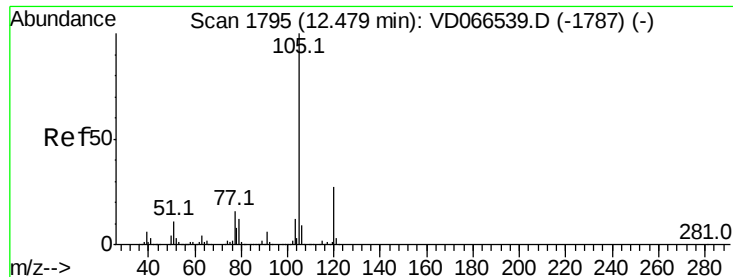
115 63.1 30.4 91.2

150 164.9 0.0 345.8



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: 21.299 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD0904SBS01

Tot Ion:105 Resp: 400882

Ion Ratio Lower Upper

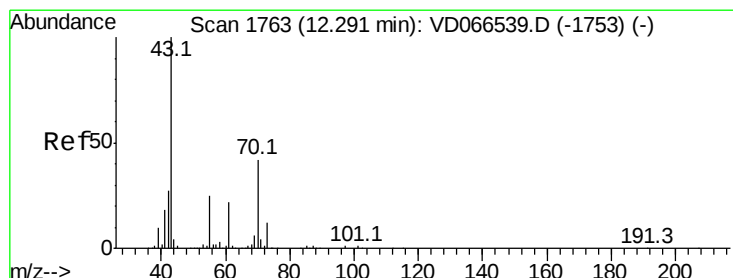
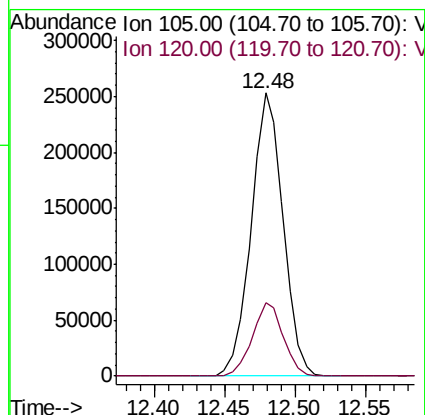
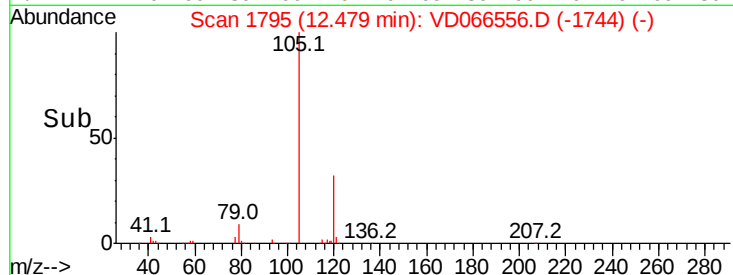
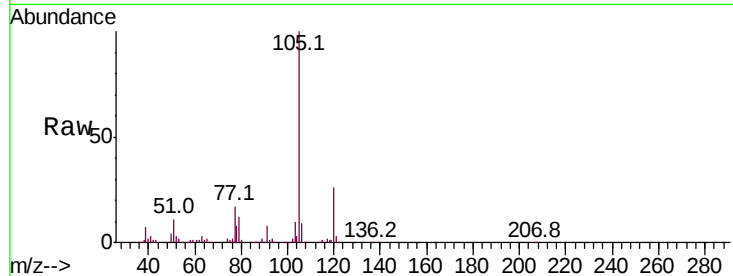
105 100

120 25.3 13.0 39.0

Manual Integrations
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sam

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#74

N-ethyl acetate

Concen: 19.478 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Tgt Ion: 43 Resp: 83032

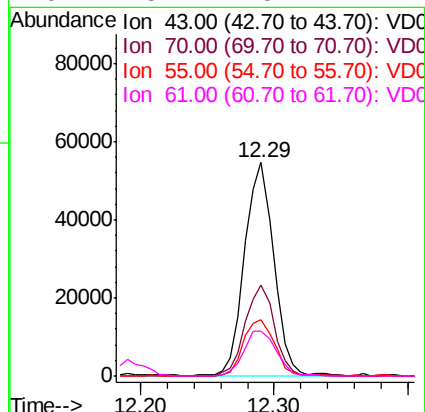
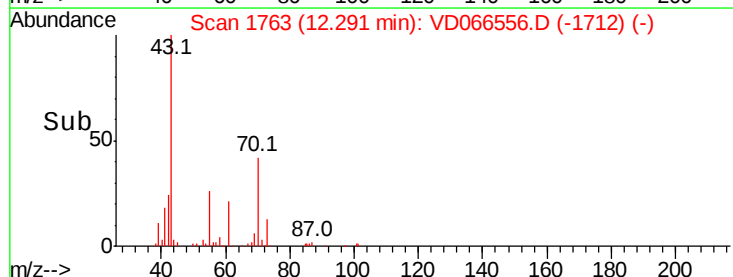
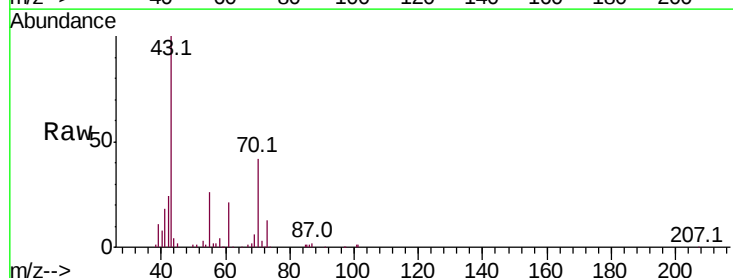
Ion Ratio Lower Upper

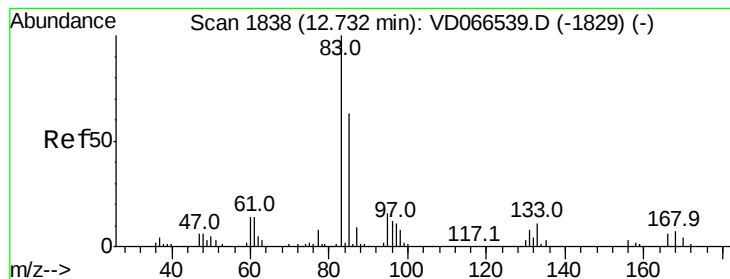
43 100

70 42.8 33.4 50.2

55 28.0 20.1 30.1

61 23.7 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.820 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

MSVOA_D

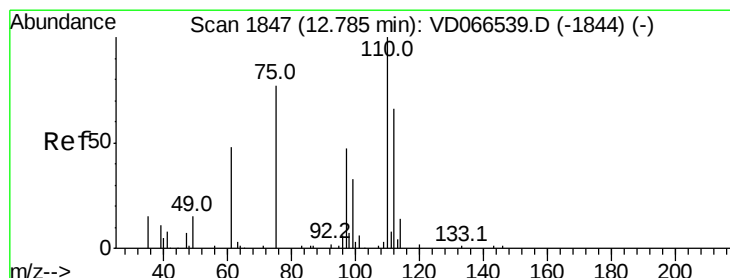
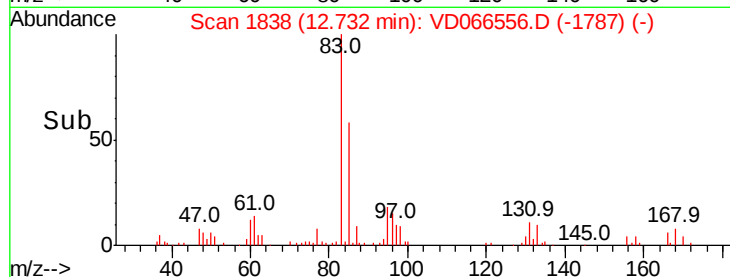
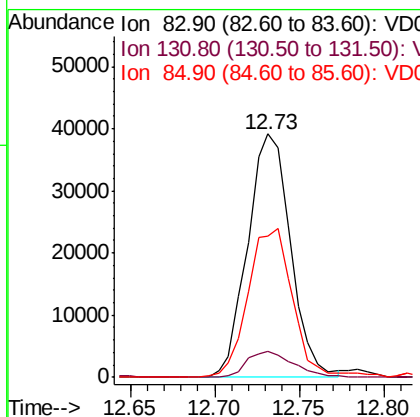
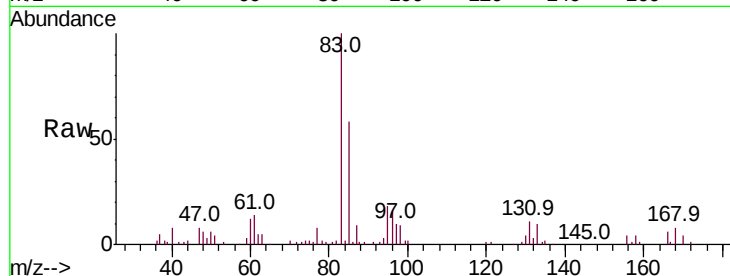
ClientSampleId :

VD0904SBS01

Tot Ion:	83	Resp:	69228
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.0	15.0
85	63.7	32.1	96.3

Manual Integrations
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sam
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#76

1,2,3-Trichloropropane

Concen: 21.794 ug/l m

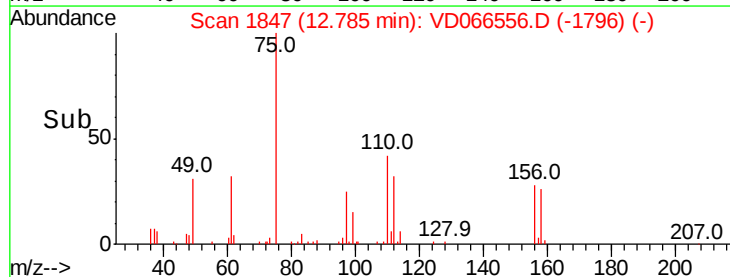
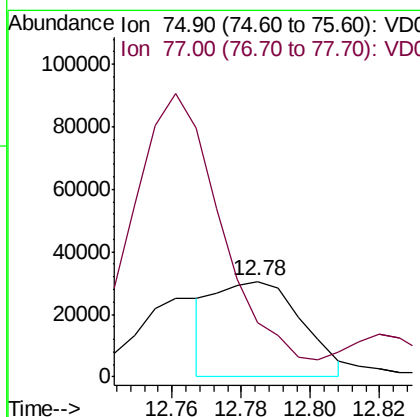
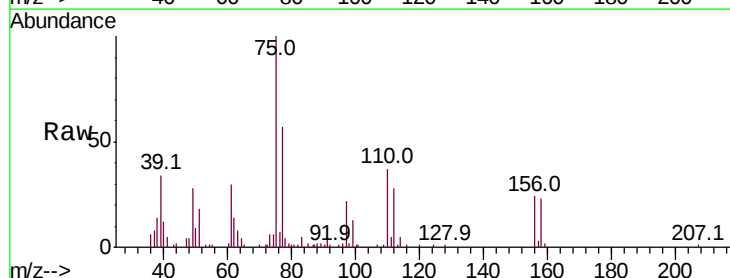
RT: 12.78 min Scan# 1847

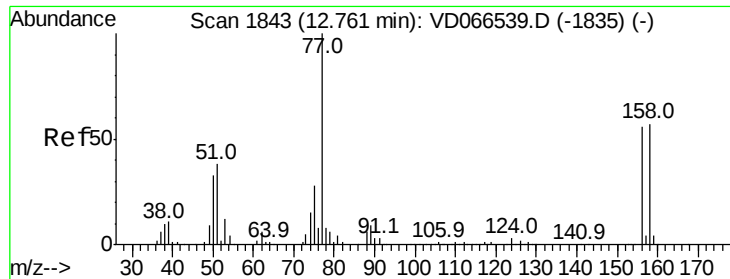
Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Tgt Ion:	75	Resp:	53283
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.501 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

MSVOA_D

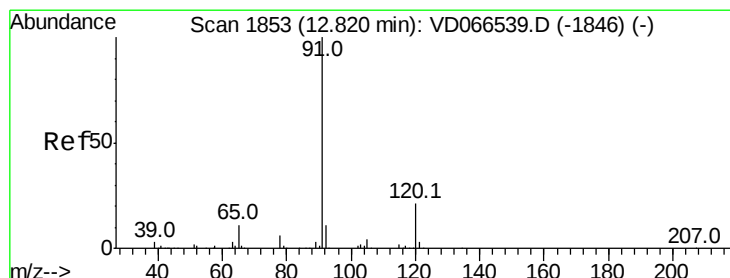
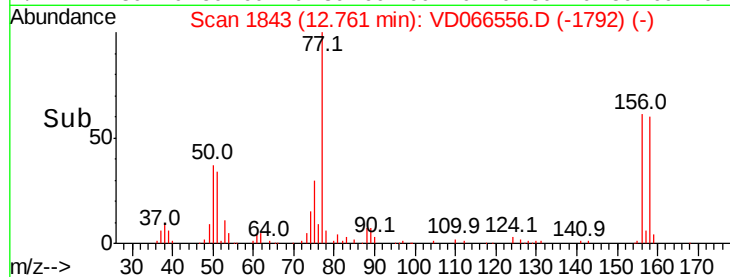
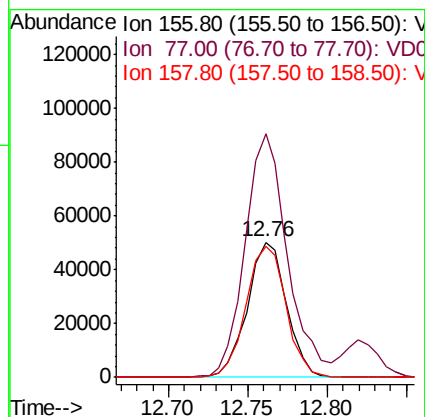
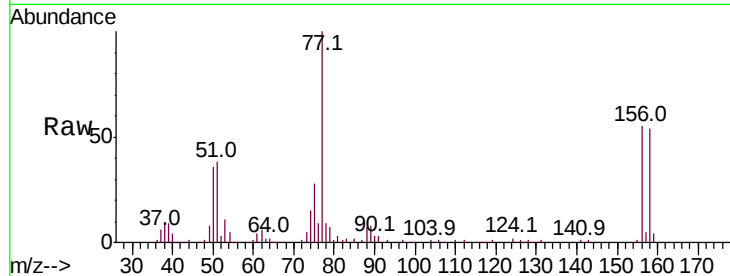
ClientSampleId :

VD0904SBS01

Tot Ion:	156	Resp:	86027
Ion	Ratio	Lower	Upper
156	100		
77	196.1	98.0	294.1
158	99.0	48.1	144.3

Manual Integrations
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Sam
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#78

n-propylbenzene

Concen: 21.491 ug/l

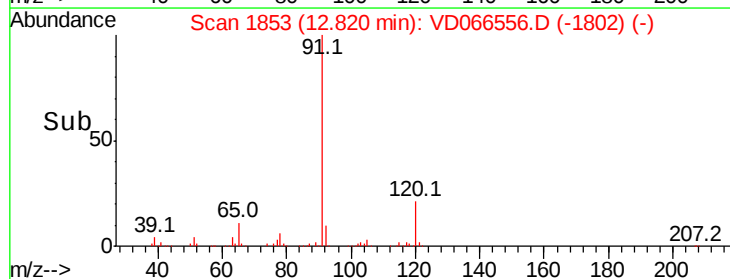
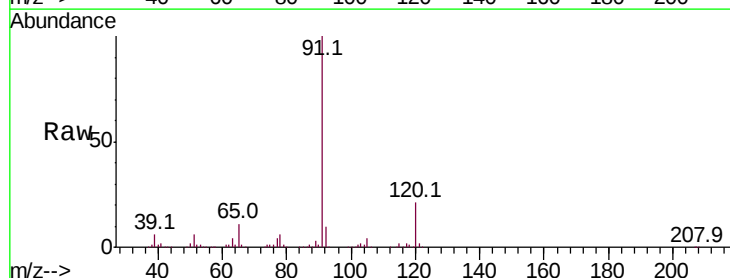
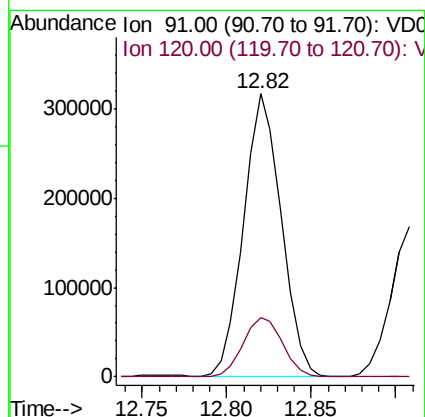
RT: 12.82 min Scan# 1853

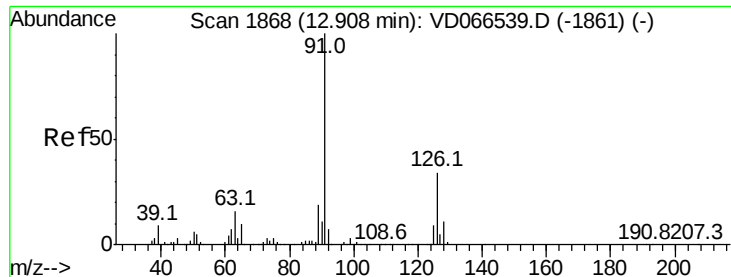
Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Tgt Ion:	91	Resp:	490346
Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.1	33.1





#79

2-Chlorotoluene

Concen: 21.151 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD0904SBS01

Tot Ion: 91 Resp: 270732

Ion Ratio Lower Upper

91 100

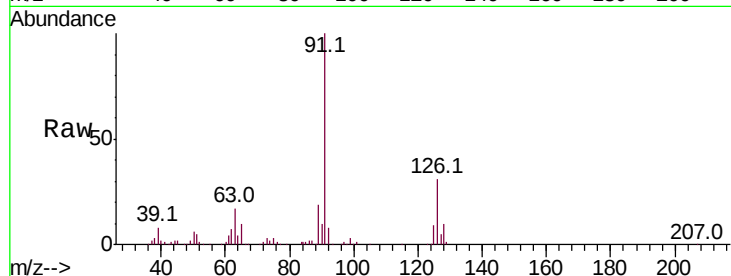
126 32.6 16.4 49.4

Manual Integrations

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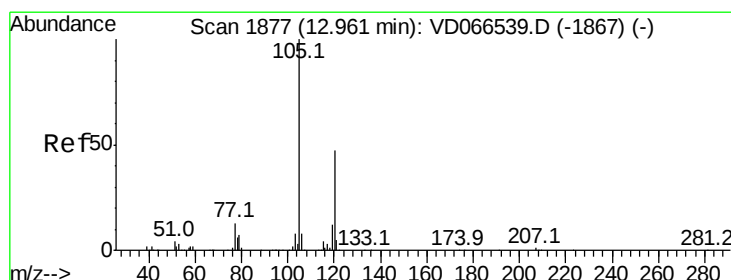
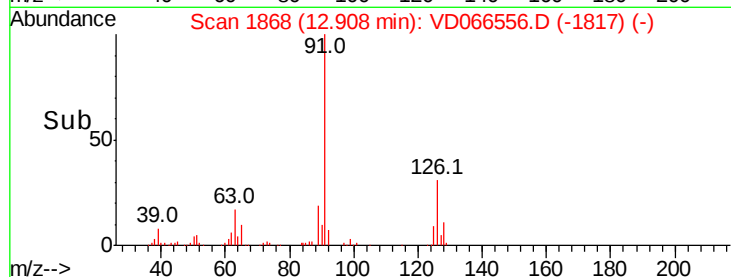
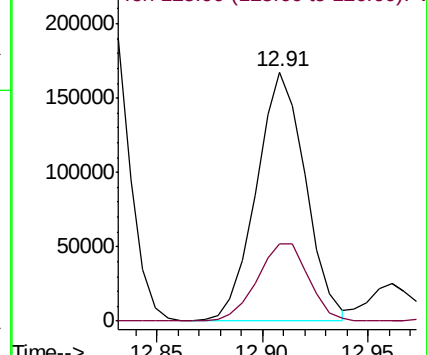
sam

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Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.761 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066556.D

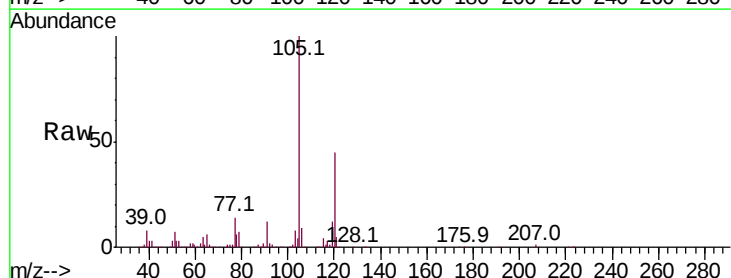
Acq: 04 Sep 2020 12:05

Tgt Ion:105 Resp: 344736

Ion Ratio Lower Upper

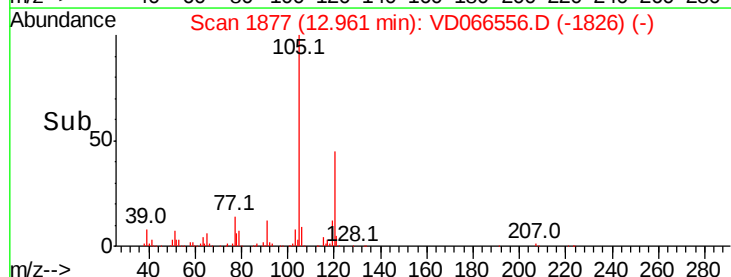
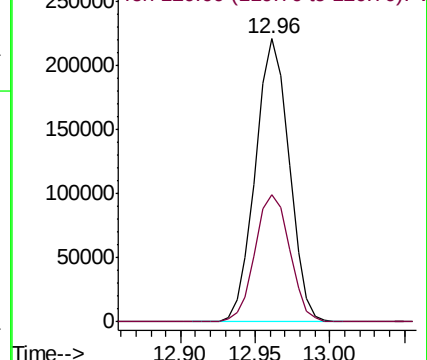
105 100

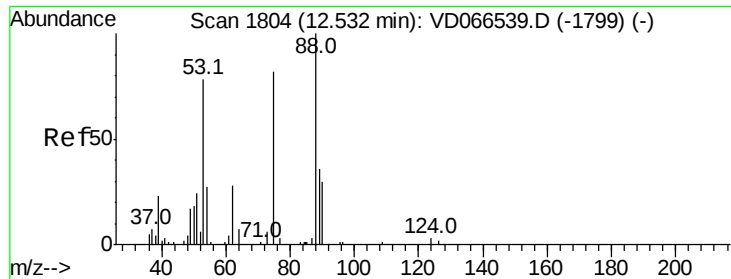
120 46.4 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 19.883 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD0904SBS01

Tot Ion: 75 Resp: 20821

Ion Ratio Lower Upper

75 100

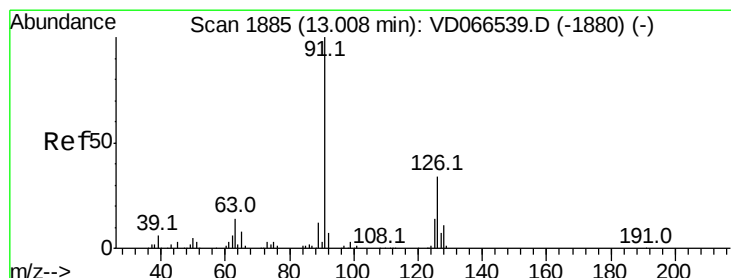
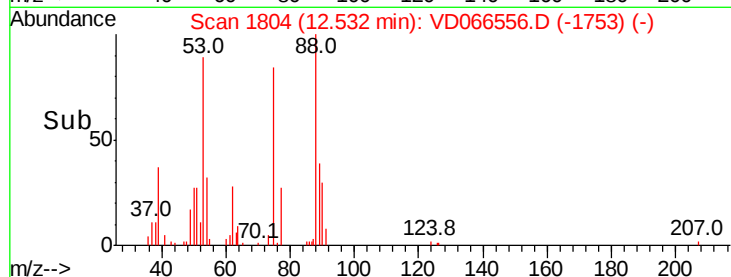
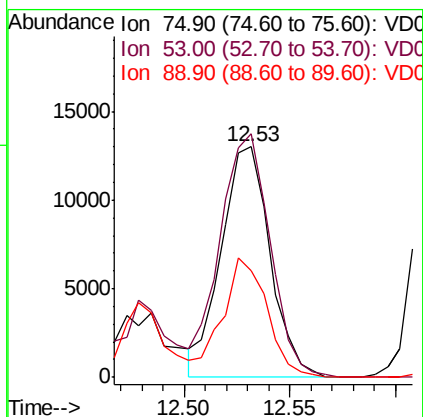
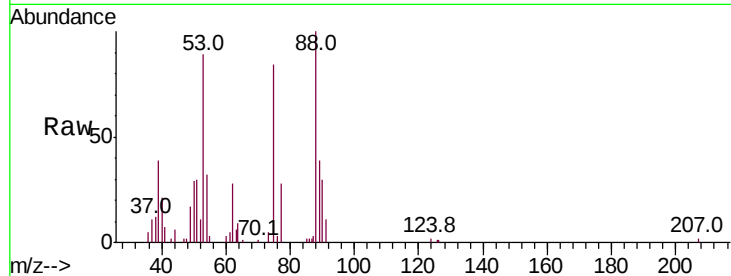
53 108.9 87.0 130.4

89 47.6 37.1 55.7

Manual Integrations
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sam

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#82

4-Chlorotoluene

Concen: 21.330 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066556.D

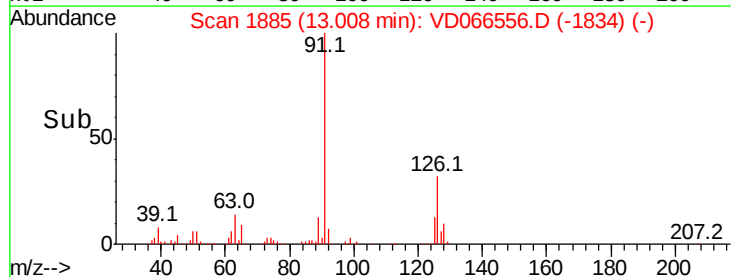
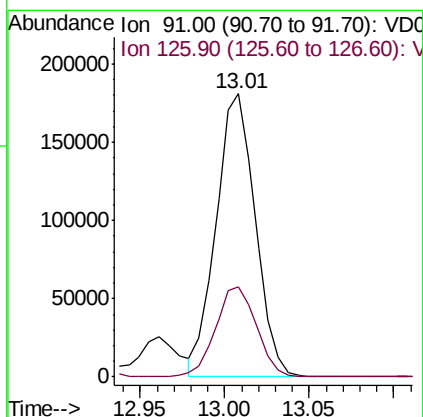
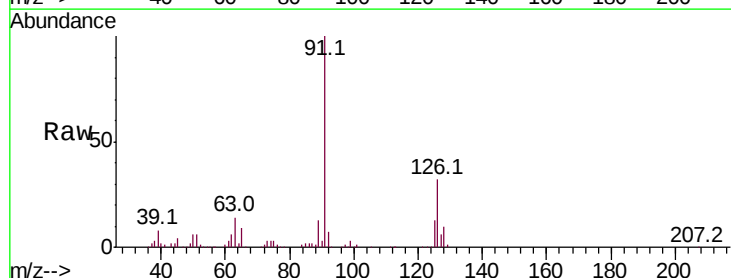
Acq: 04 Sep 2020 12:05

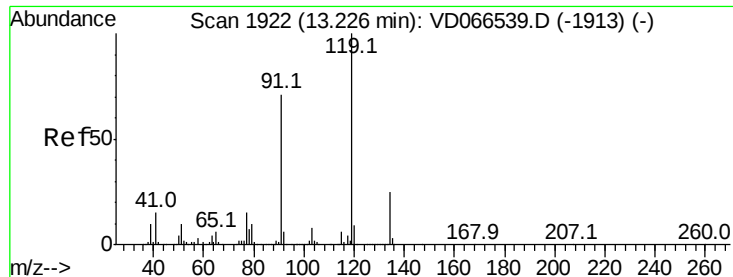
Tgt Ion: 91 Resp: 291969

Ion Ratio Lower Upper

91 100

126 33.1 16.4 49.1





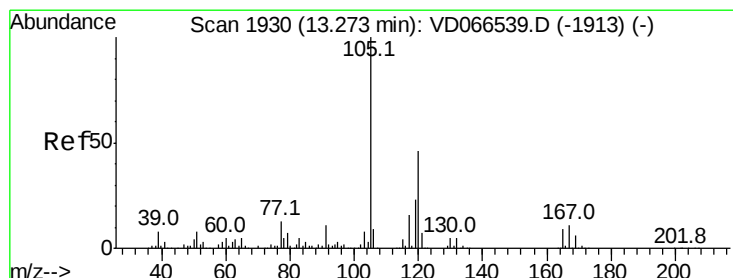
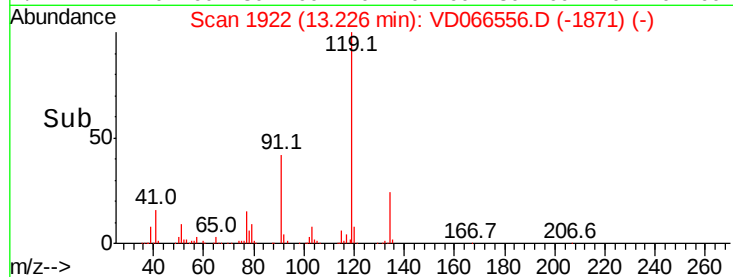
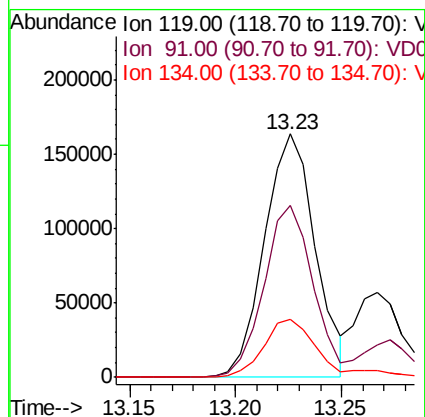
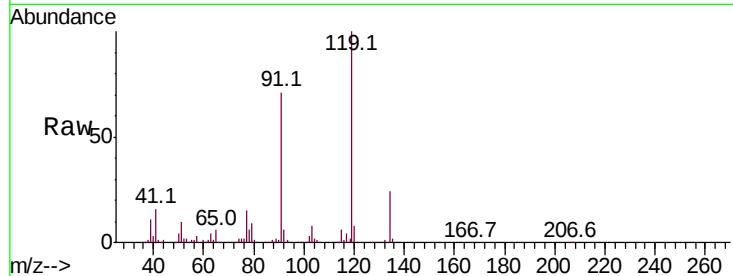
#83
 tert-Butylbenzene
 Concen: 21.188 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD066556.D
 Acq: 04 Sep 2020 12:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0904SBS01

Tot Ion:	119	Resp:	274096
Ion Ratio	Lower	Upper	
119	100		
91	69.5	35.2	105.6
134	26.1	13.5	40.5

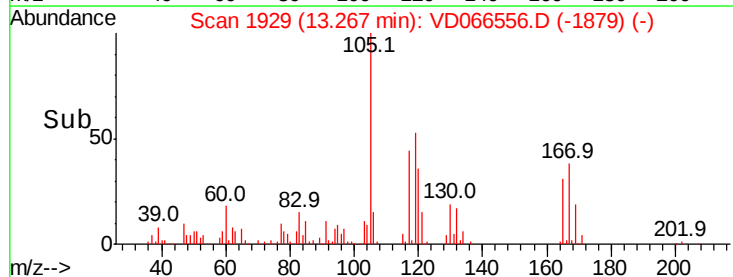
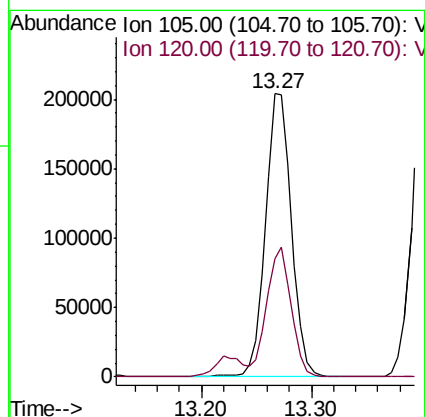
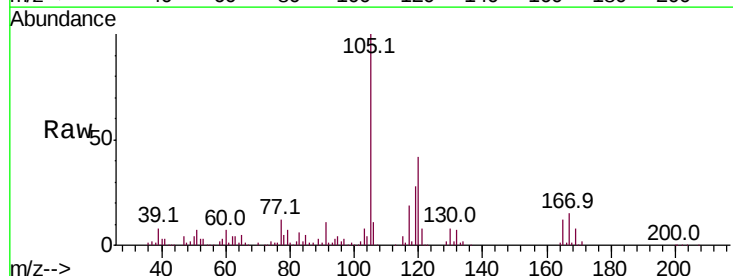
Manual Integrations
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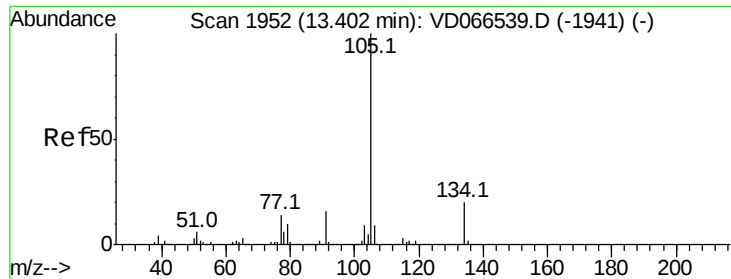
sam
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.344 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066556.D
 Acq: 04 Sep 2020 12:05

Tgt Ion:	105	Resp:	336634
Ion Ratio	Lower	Upper	
105	100		
120	43.3	22.6	67.7





#85

sec-Butylbenzene

Concen: 21.306 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD0904SBS01

Tot Ion:105 Resp: 397106

Ion Ratio Lower Upper

105 100

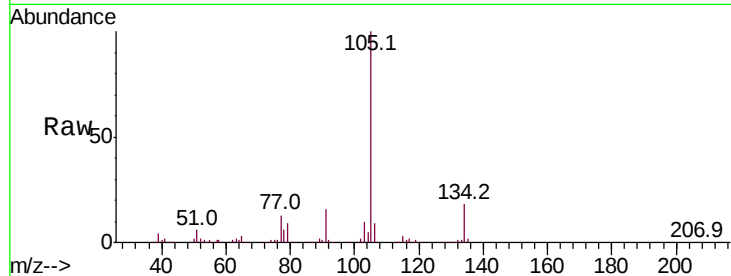
134 19.1 9.8 29.5

Manual Integrations

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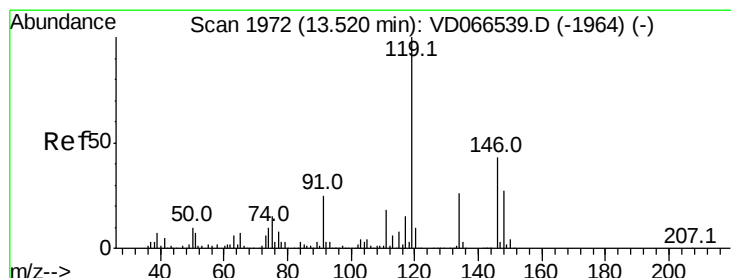
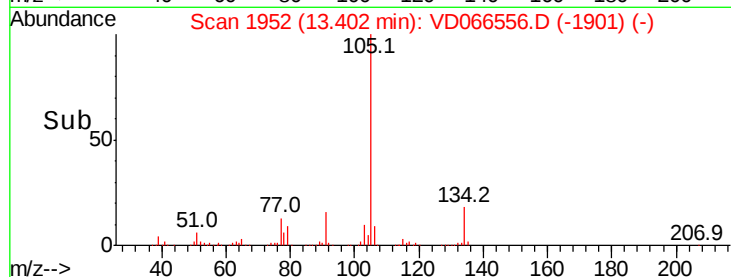
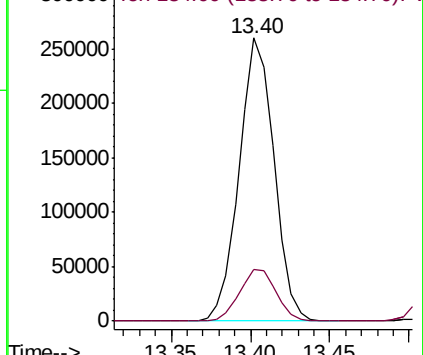
Sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.451 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

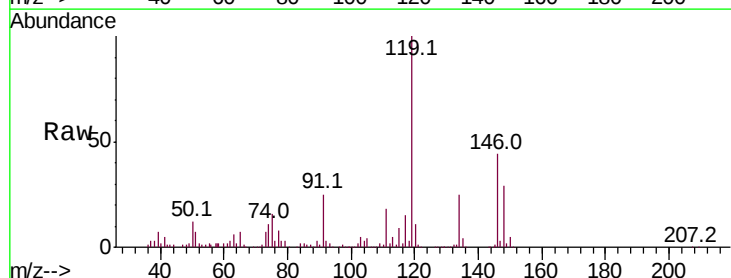
Tgt Ion:119 Resp: 359849

Ion Ratio Lower Upper

119 100

134 25.9 12.7 38.0

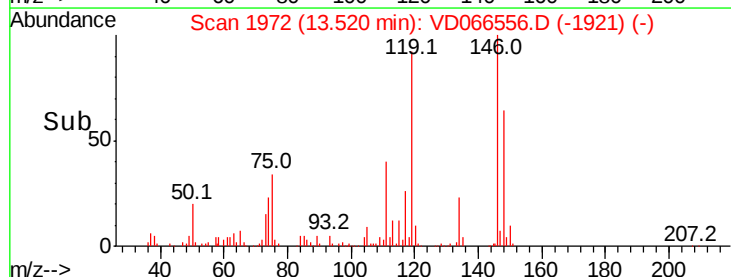
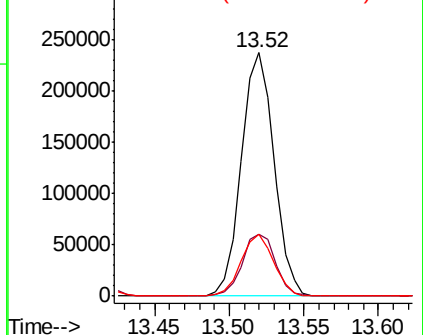
91 25.3 12.5 37.5

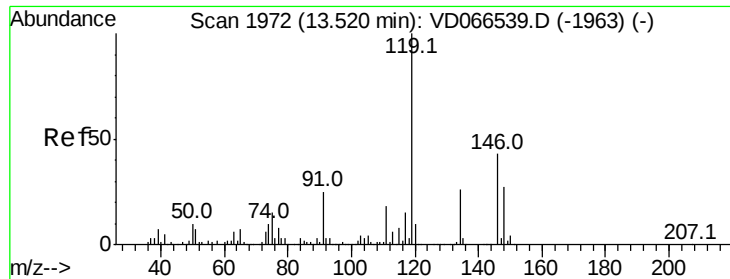


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 21.047 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

MSVOA_D

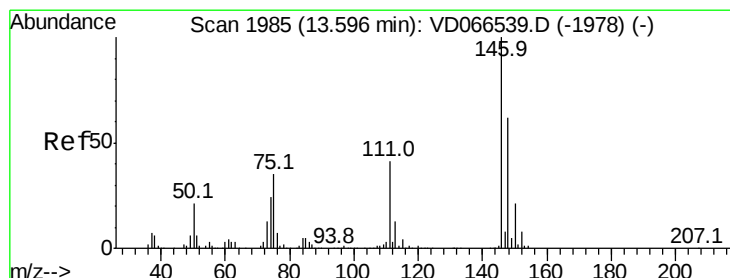
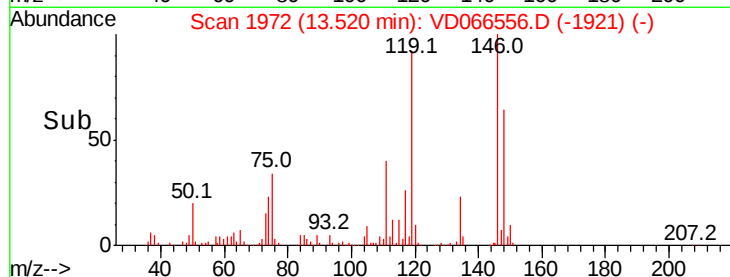
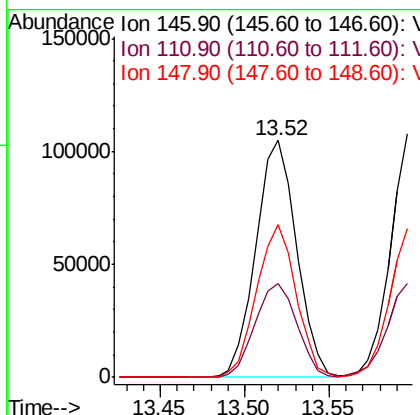
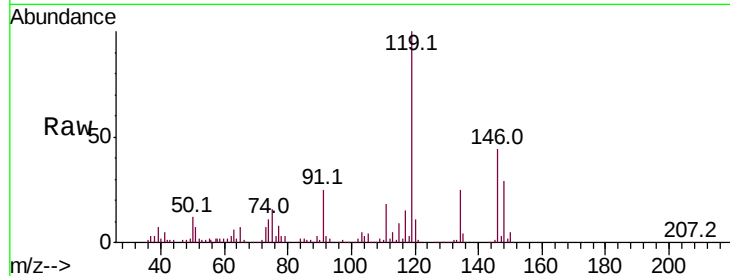
ClientSampleId :

VD0904SBS01

Tot Ion:	146	Resp:	175332
Ion Ratio	Lower	Upper	
146	100		
111	40.9	20.6	61.9
148	62.2	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 20.721 ug/l

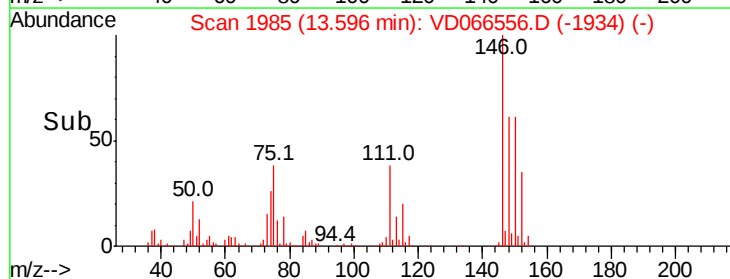
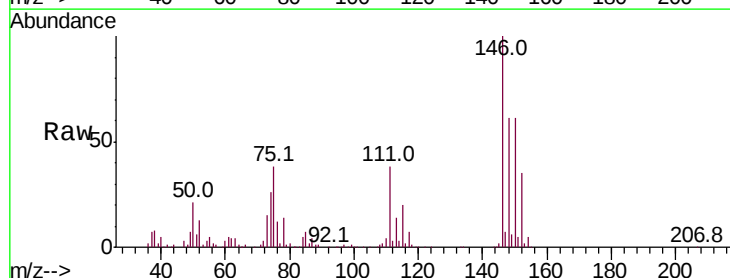
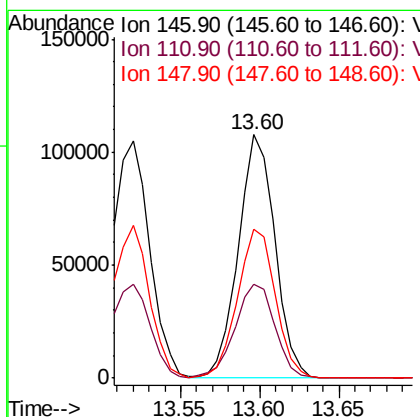
RT: 13.60 min Scan# 1985

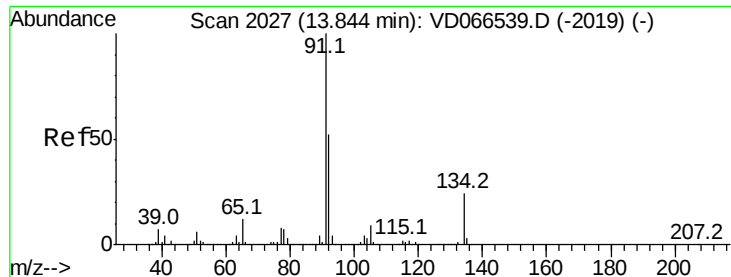
Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Tgt Ion:	146	Resp:	173254
Ion Ratio	Lower	Upper	
146	100		
111	41.9	20.1	60.2
148	63.3	31.6	94.8





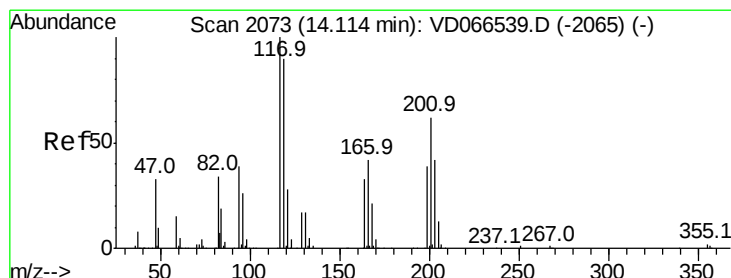
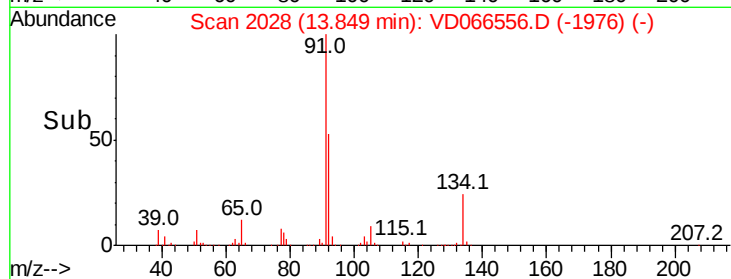
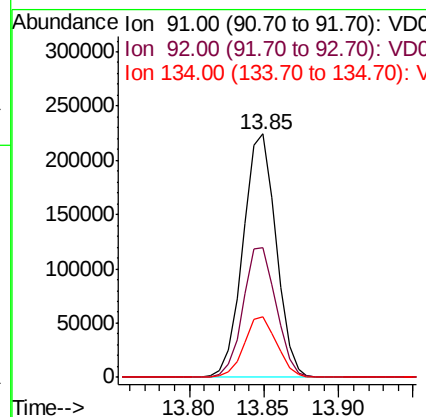
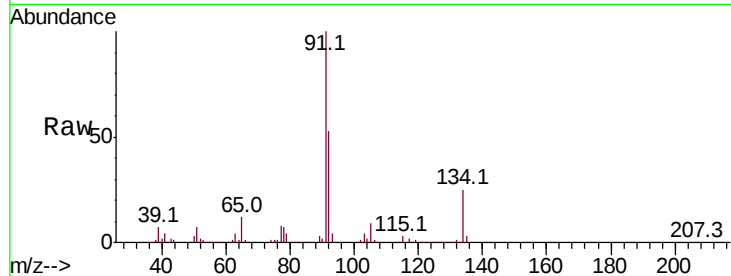
#89
n-Butylbenzene
Concen: 21.045 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Instrument :
MSVOA_D
ClientSampleId :
VD0904SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.3	26.5	79.5	
134	24.7	12.1	36.3	

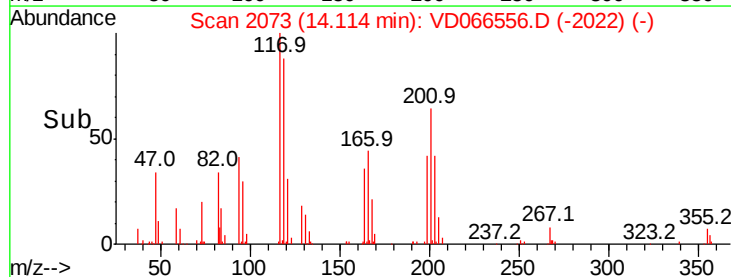
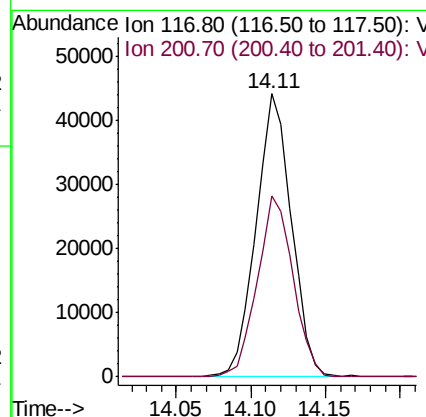
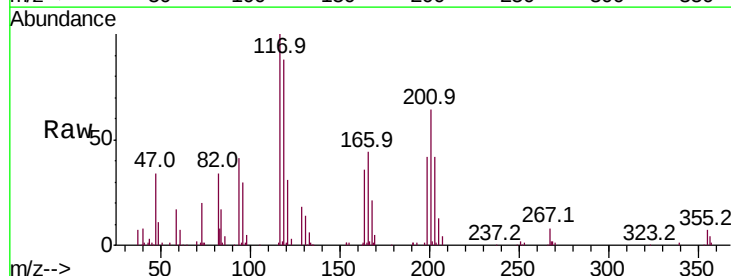
Manual Integrations
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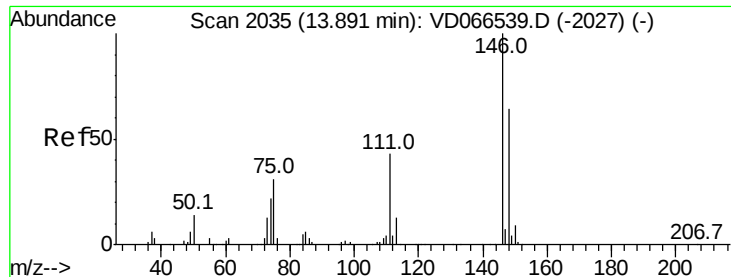
sam
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#90
Hexachloroethane
Concen: 19.988 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	64.8	31.9	95.5	





#91

1,2-Dichlorobenzene

Concen: 20.301 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

MSVOA_D

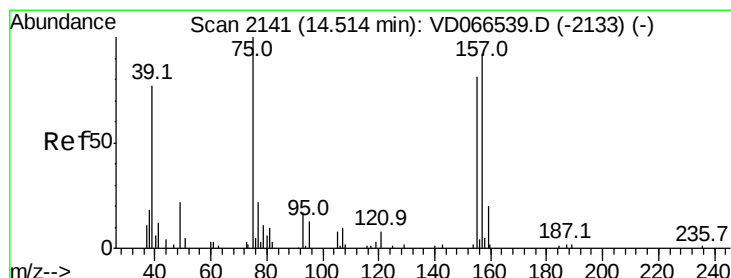
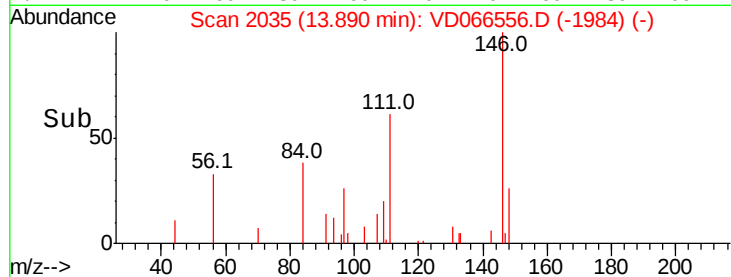
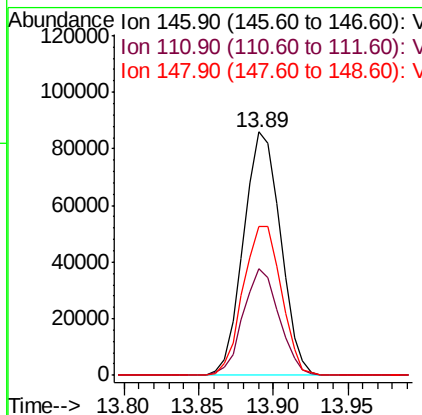
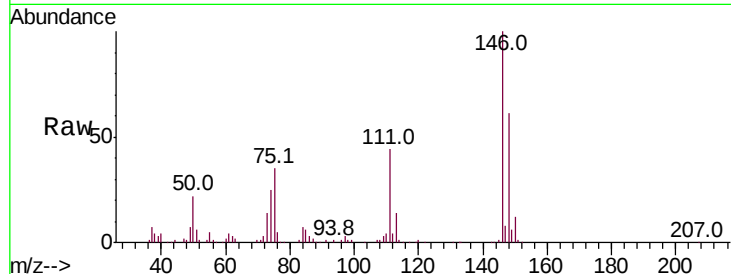
ClientSampleId :

VD0904SBS01

Tot Ion:	146	Resp:	147818
Ion Ratio	Lower	Upper	
146	100		
111	42.6	21.1	63.4
148	63.2	31.8	95.3

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#92

1,2-Dibromo-3-Chloropropane

Concen: 16.215 ug/l

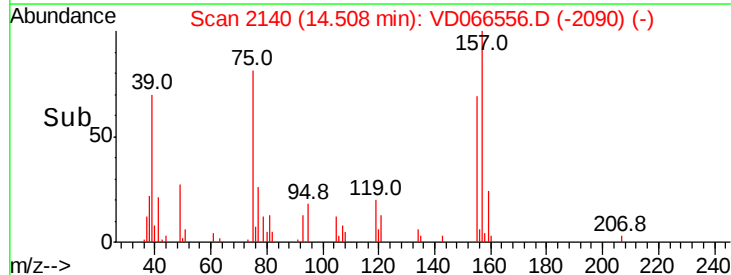
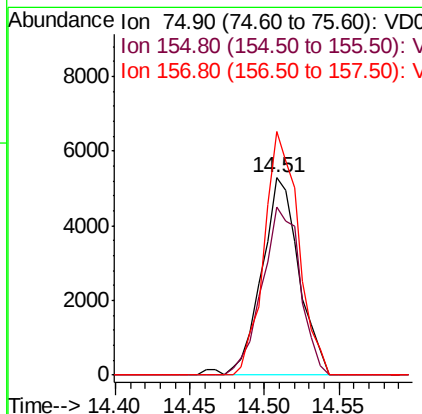
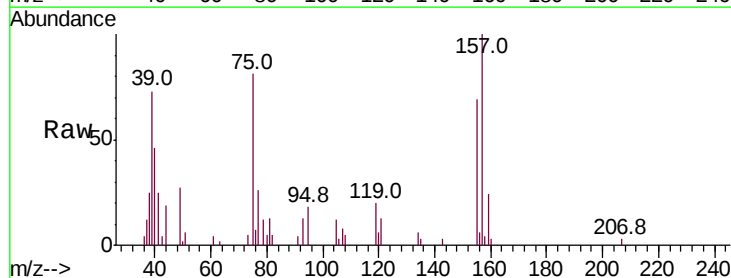
RT: 14.51 min Scan# 2140

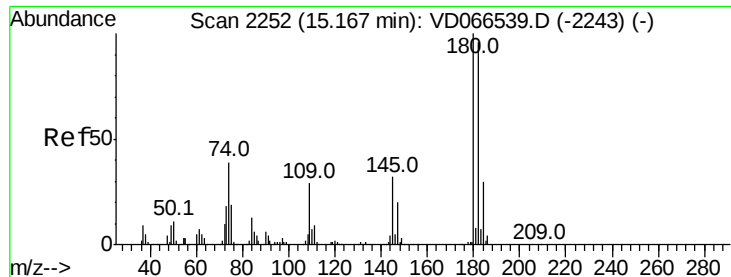
Delta R.T. -0.01 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Tgt Ion:	75	Resp:	9159
Ion Ratio	Lower	Upper	
75	100		
155	86.7	39.3	117.8
157	113.4	46.0	137.8





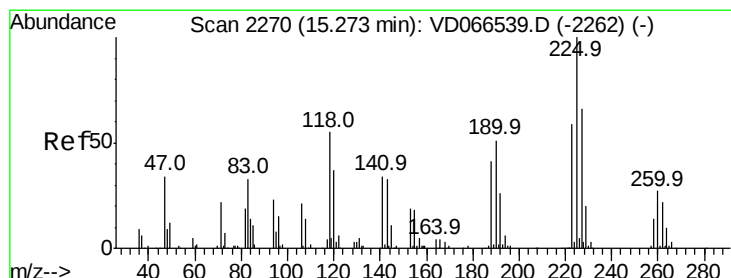
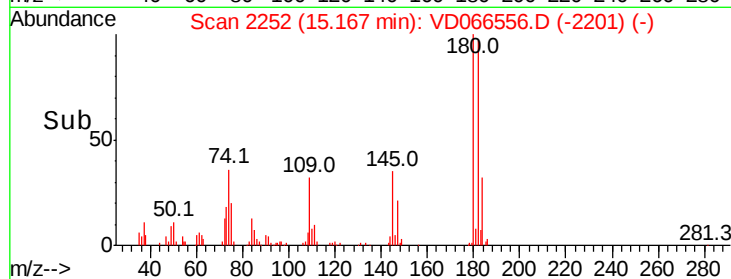
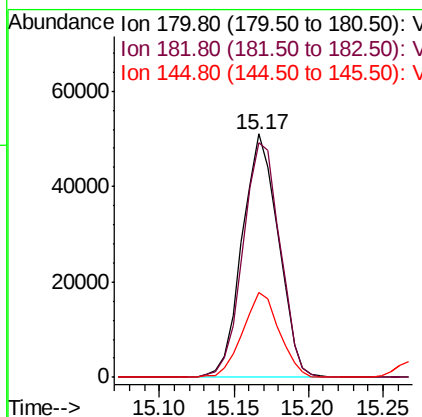
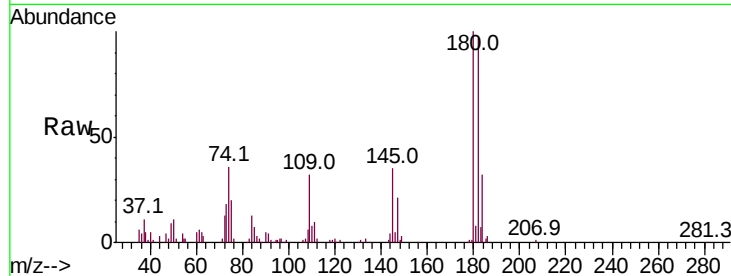
#93
 1,2,4-Trichlorobenzene
 Concen: 19.671 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066556.D
 Acq: 04 Sep 2020 12:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0904SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	98.1	48.4	145.0	
145	35.0	16.7	50.0	

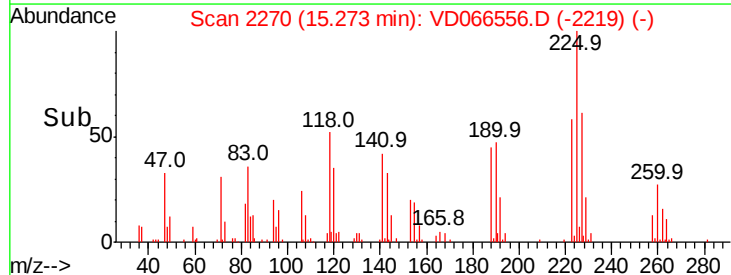
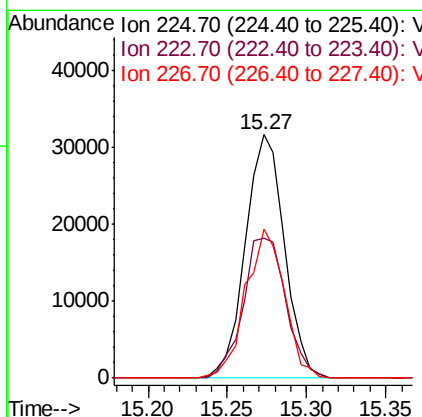
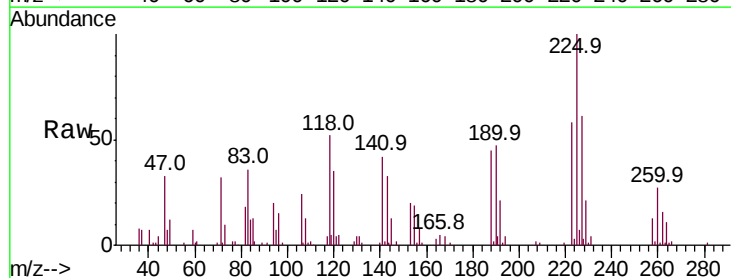
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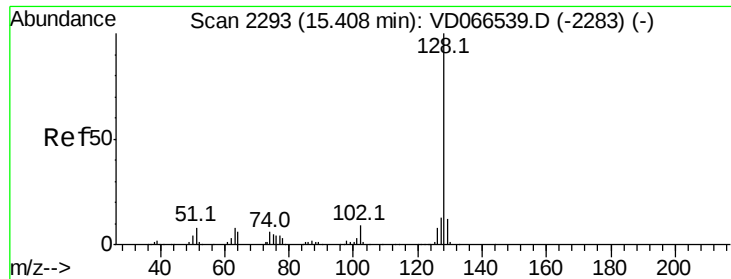
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#94
 Hexachlorobutadiene
 Concen: 20.566 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066556.D
 Acq: 04 Sep 2020 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	30.5	91.5	
227	60.8	32.4	97.2	





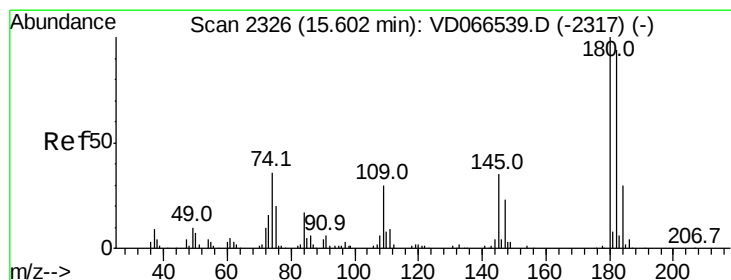
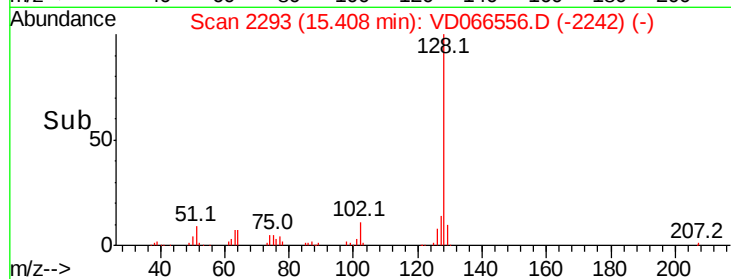
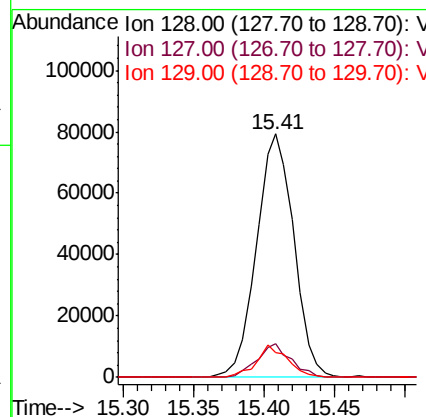
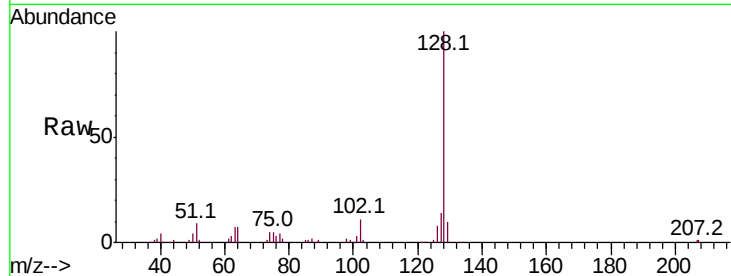
#95
Naphthalene
Concen: 19.223 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Instrument :
MSVOA_D
ClientSampleId :
VD0904SBS01

Tot Ion:	128	Resp:	146791
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.7	16.1
129	11.3	9.1	13.7

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.874 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Tgt Ion:	180	Resp:	77770
Ion Ratio	Lower	Upper	
180	100		
182	94.4	47.9	143.6
145	32.9	17.3	51.7

