

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092520\
 Data File : VD066880.D
 Acq On : 25 Sep 2020 18:01
 Operator : VA/SY
 Sample : L4127-04MS
 Misc : 5.03G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-2(4-5)MS

Manual Integrations
 APPROVED

MMDadoda
 9/29/2020 11:45:23 AM

Quant Time: Sep 26 04:40:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	310643	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	521654	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	427297	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	138827	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	156408	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
35) Dibromofluoromethane	7.91	113	162242	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
50) Toluene-d8	10.34	98	518073	45.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.64%	
62) 4-Bromofluorobenzene	12.63	95	147945	38.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	109568	50.660	ug/l	98
3) Chloromethane	2.20	50	136163	47.707	ug/l	97
4) Vinyl Chloride	2.35	62	134776	47.797	ug/l	96
5) Bromomethane	2.77	94	101423	51.174	ug/l	98
6) Chloroethane	2.93	64	87505	49.973	ug/l	100
7) Trichlorofluoromethane	3.27	101	269715	46.575	ug/l	99
8) Diethyl Ether	3.71	74	83236	56.617	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	140242	41.764	ug/l	99
10) Methyl Iodide	4.30	142	144893	48.898	ug/l	98
11) Tert butyl alcohol	5.22	59	42707	228.375	ug/l #	89
12) 1,1-Dichloroethene	4.07	96	148755	48.902	ug/l	94
13) Acrolein	3.93	56	56088	250.066	ug/l	94
14) Allyl chloride	4.71	41	229627	51.408	ug/l	99
15) Acrylonitrile	5.43	53	171929	263.890	ug/l	97
16) Acetone	4.16	43	164059	254.362	ug/l	91
17) Carbon Disulfide	4.41	76	418994	45.054	ug/l	97
18) Methyl Acetate	4.71	43	101376	72.043	ug/l	95
19) Methyl tert-butyl Ether	5.48	73	367970	55.703	ug/l	95
20) Methylene Chloride	4.96	84	208081	61.065	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	179747	51.033	ug/l	94
22) Diisopropyl ether	6.36	45	533668	58.108	ug/l	98
23) Vinyl Acetate	6.31	43	1077942	216.543	ug/l	97
24) 1,1-Dichloroethane	6.27	63	326861	53.200	ug/l #	97
25) 2-Butanone	7.21	43	193187	249.243	ug/l	99
26) 2,2-Dichloropropane	7.21	77	262390	46.595	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	210955	55.124	ug/l	96
28) Bromochloromethane	7.54	49	144540	56.945	ug/l	97
29) Tetrahydrofuran	7.57	42	128357	258.449	ug/l	99
30) Chloroform	7.71	83	350227	52.882	ug/l	97
31) Cyclohexane	7.98	56	163378	29.553	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	292564	48.833	ug/l	99
36) 1,1-Dichloropropene	8.11	75	216315	41.798	ug/l	98
37) Ethyl Acetate	7.29	43	91007	48.644	ug/l	98
38) Carbon Tetrachloride	8.10	117	246005	43.479	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	120373	20.258	ug/l	92
40) Benzene	8.35	78	717950	49.777	ug/l	99
41) Methacrylonitrile	7.52	41	49214	42.775	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	216821	50.851	ug/l	99
43) Isopropyl Acetate	8.45	43	174553	48.393	ug/l	98
44) Trichloroethene	9.11	130	182496	44.391	ug/l	96
45) 1,2-Dichloropropane	9.38	63	181954	50.140	ug/l	100
46) Dibromomethane	9.47	93	99111	50.267	ug/l	99
47) Bromodichloromethane	9.66	83	270591	51.088	ug/l	97
48) Methyl methacrylate	9.45	41	94381	53.071	ug/l	96
49) 1,4-Dioxane	9.46	88	23517	1057.753	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	459338	251.324	ug/l	97
52) Toluene	10.40	92	443294	47.715	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	220439	48.899	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	274924	50.014	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	142709	52.651	ug/l	93
56) Ethyl methacrylate	10.66	69	160740	55.357	ug/l	95
57) 1,3-Dichloropropane	10.94	76	227067	50.734	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	338384	246.119	ug/l	99
59) 2-Hexanone	10.98	43	323534	262.494	ug/l	100
60) Dibromochloromethane	11.14	129	171873	48.585	ug/l	100
61) 1,2-Dibromoethane	11.24	107	124870	49.530	ug/l	100
64) Tetrachloroethene	10.87	164	135272	44.011	ug/l	99
65) Chlorobenzene	11.67	112	422408	47.491	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	175874	52.245	ug/l	99
67) Ethyl Benzene	11.74	91	695654	44.532	ug/l	98
68) m/p-Xylenes	11.85	106	542300	91.690	ug/l	98
69) o-Xylene	12.18	106	264980	49.547	ug/l	99
70) Styrene	12.19	104	441218	47.506	ug/l	99
71) Bromoform	12.36	173	87445	51.305	ug/l #	98
73) Isopropylbenzene	12.48	105	527007	52.549	ug/l	98
74) N-amyl acetate	12.28	43	172489	88.073	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	125190	72.342	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	77891m	67.703	ug/l	
77) Bromobenzene	12.76	156	150456	64.146	ug/l	99
78) n-propylbenzene	12.82	91	534685	44.316	ug/l	99
79) 2-Chlorotoluene	12.91	91	364906	53.074	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	460566	54.123	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	39280	85.420	ug/l	96
82) 4-Chlorotoluene	13.00	91	361539	49.884	ug/l	97
83) tert-Butylbenzene	13.23	119	287417	41.103	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	525069	62.225	ug/l	98
85) sec-Butylbenzene	13.40	105	322838	32.106	ug/l	99
86) p-Isopropyltoluene	13.52	119	314992	34.753	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	204935	44.225	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	206303	44.825	ug/l	97
89) n-Butylbenzene	13.84	91	237041	27.515	ug/l	93
90) Hexachloroethane	14.11	117	61342	33.336	ug/l	95
91) 1,2-Dichlorobenzene	13.89	146	187013	47.172	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	19597	70.396	ug/l	94

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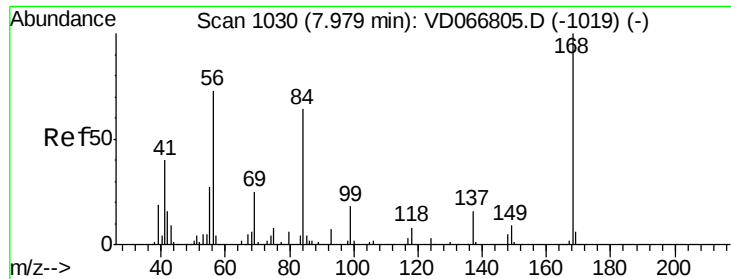
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	58262	23.345	ug/l #	82
94) Hexachlorobutadiene	15.27	225	16877	11.285	ug/l	98
95) Naphthalene	15.41	128	243931	57.570	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	47748	22.166	ug/l #	79

(#) = 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: VD066880.D

Acq: 25 Sep 2020 18:01

Instrument :

MSVOA_D

ClientSampleId :

B-2(4-5)MS

Tot Ion:168 Resp: 310643

Ion Ratio Lower Upper

168 100

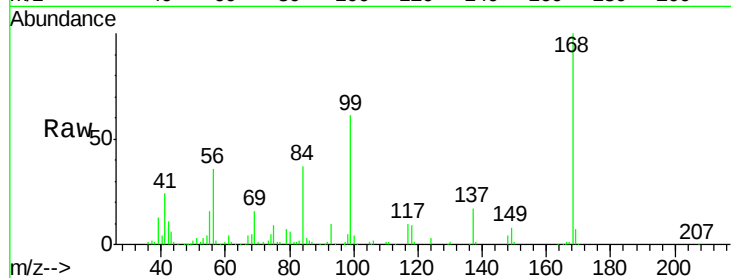
99 61.0 46.6 69.8

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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

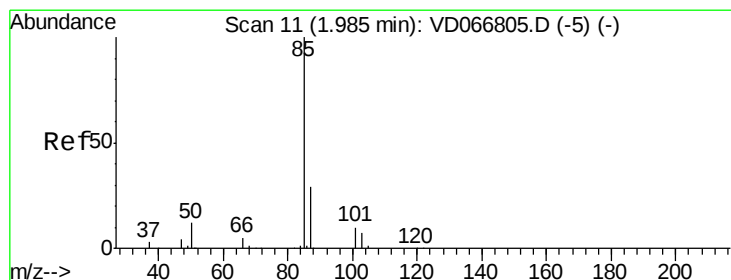
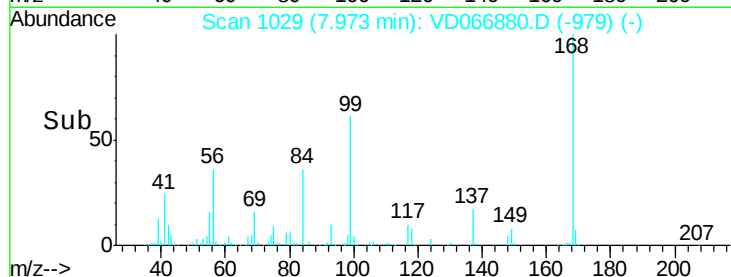
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50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 50.660 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066880.D

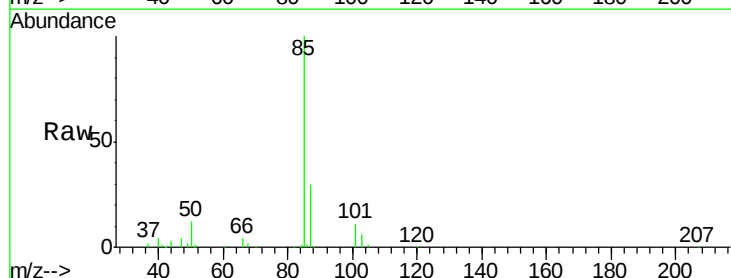
Acq: 25 Sep 2020 18:01

Tgt Ion: 85 Resp: 109568

Ion Ratio Lower Upper

85 100

87 30.3 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

80000

60000

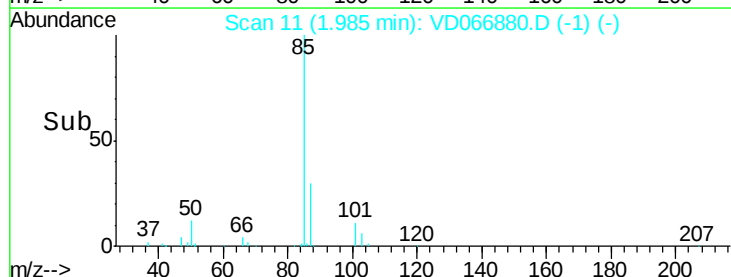
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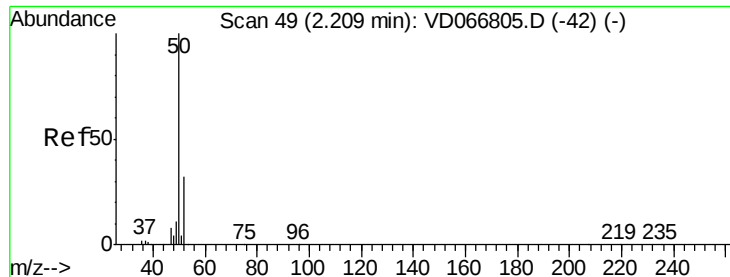
20000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 47.707 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Instrument :

MSVOA_D

ClientSampleId :

B-2(4-5)MS

Tot Ion: 50 Resp: 136163

Ion Ratio Lower Upper

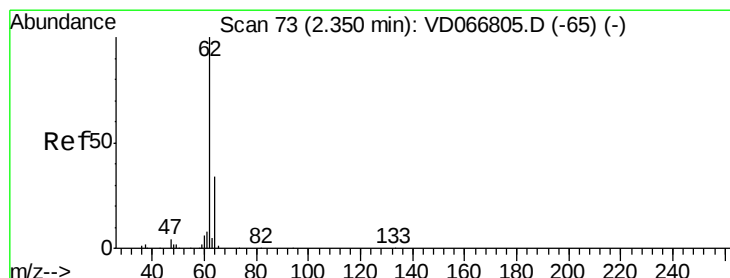
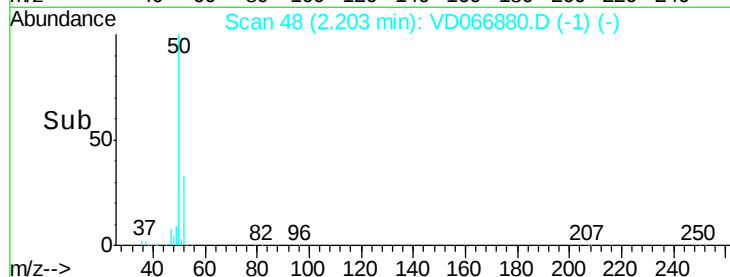
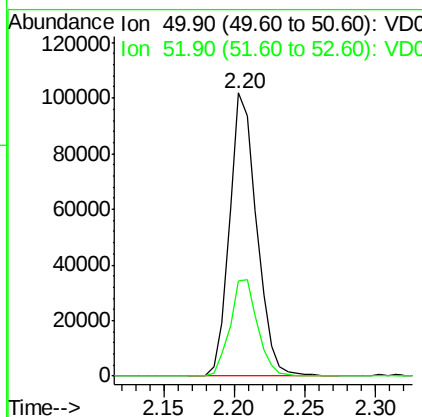
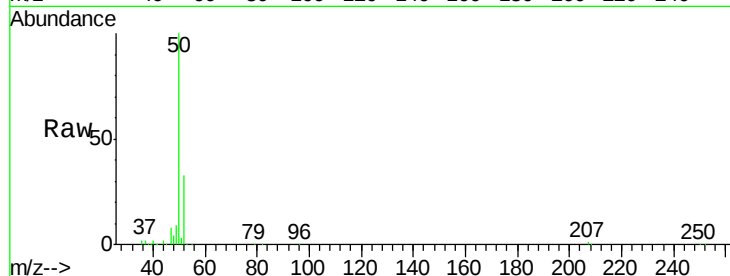
50 100

52 33.4 25.5 38.3

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#4

Vinyl Chloride

Concen: 47.797 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066880.D

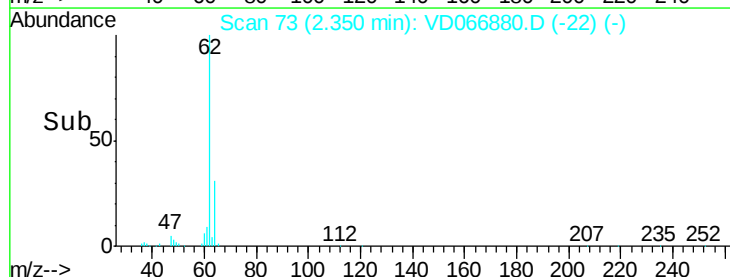
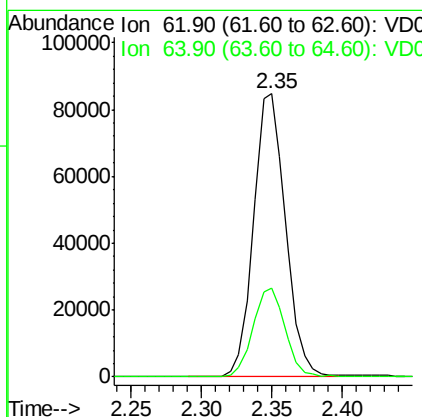
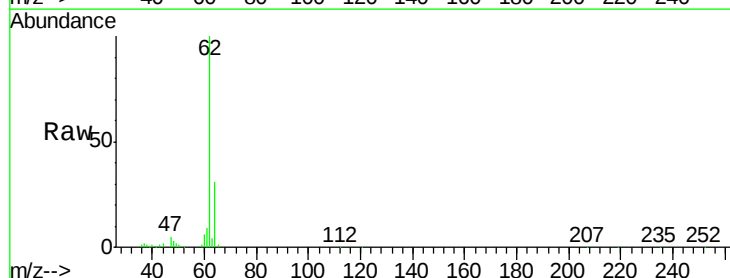
Acq: 25 Sep 2020 18:01

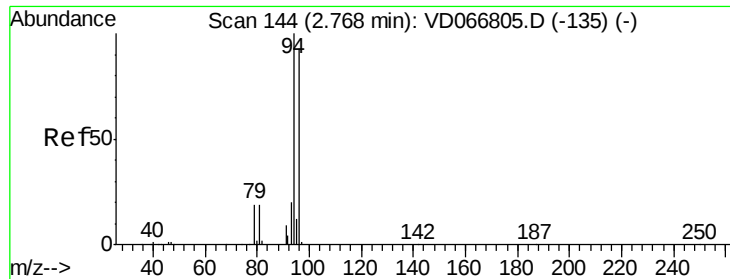
Tgt Ion: 62 Resp: 134776

Ion Ratio Lower Upper

62 100

64 31.3 27.0 40.4





#5

Bromomethane

Concen: 51.174 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.01 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Instrument :

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ClientSampleId :

B-2(4-5)MS

Tot Ion: 94 Resp: 101423

Ion Ratio Lower Upper

94 100

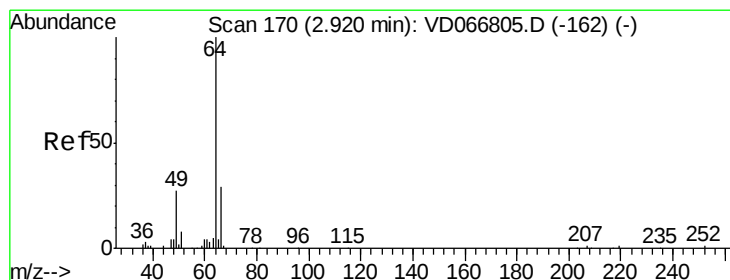
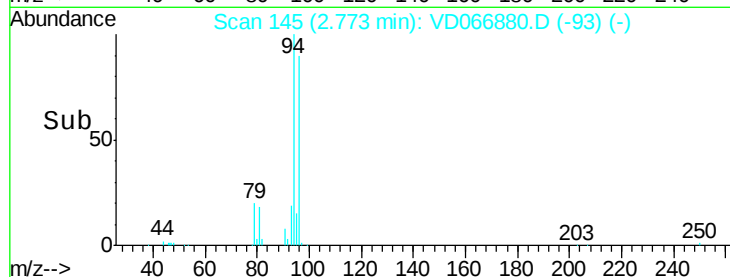
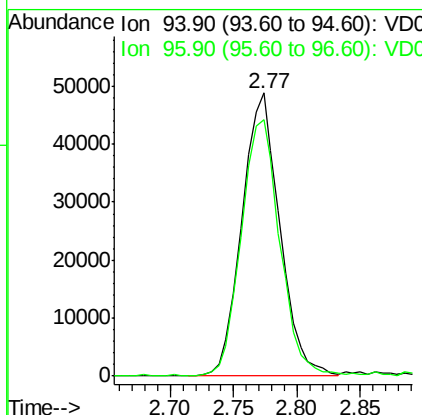
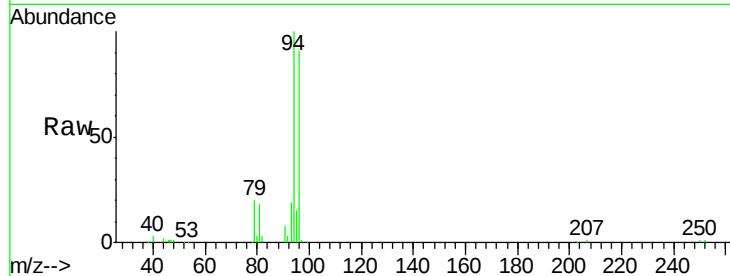
96 90.8 74.3 111.5

Manual Integrations

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#6

Chloroethane

Concen: 49.973 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD066880.D

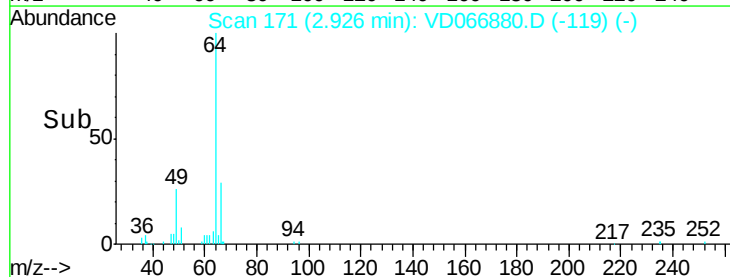
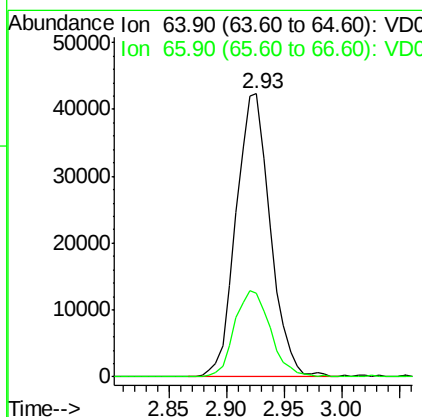
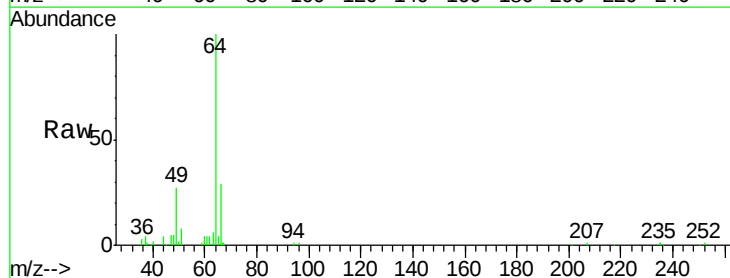
Acq: 25 Sep 2020 18:01

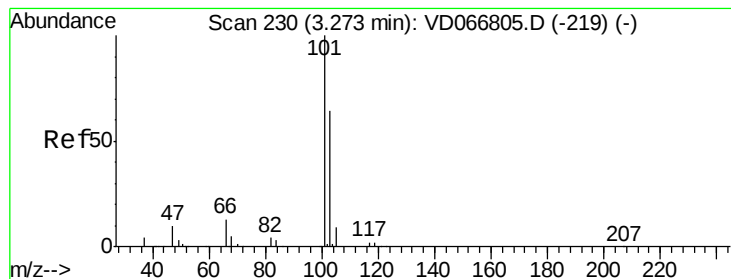
Tgt Ion: 64 Resp: 87505

Ion Ratio Lower Upper

64 100

66 29.4 23.3 34.9





#7

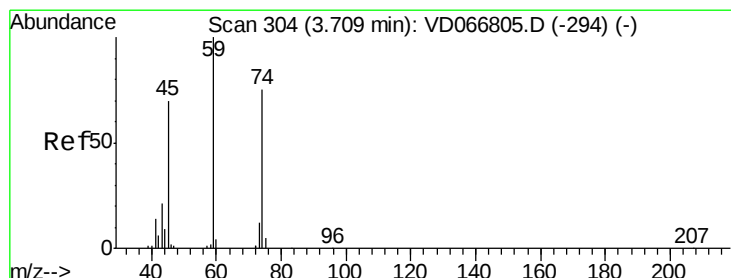
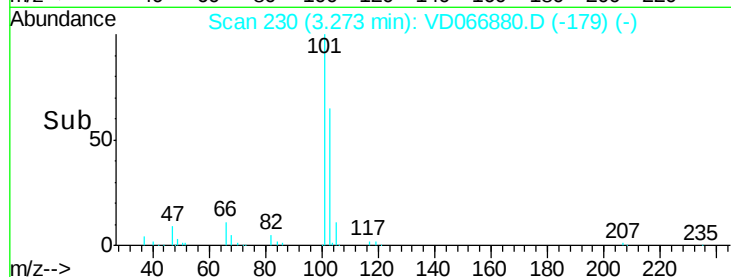
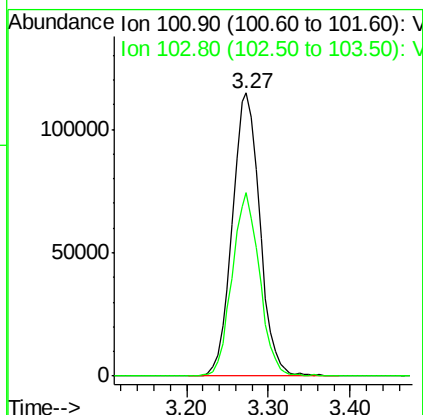
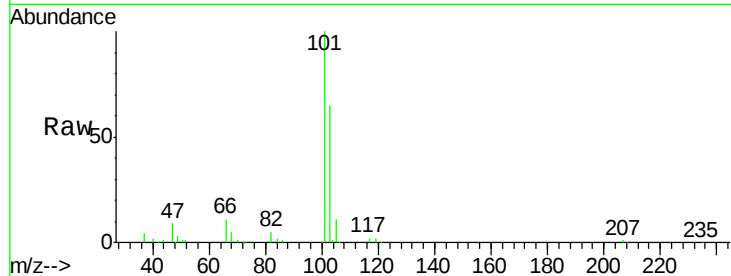
Trichlorofluoromethane
 Concen: 46.575 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066880.D
 Acq: 25 Sep 2020 18:01

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 B-2(4-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
101	100	269715		
103	64.8	51.0	76.6	

Manual Integrations
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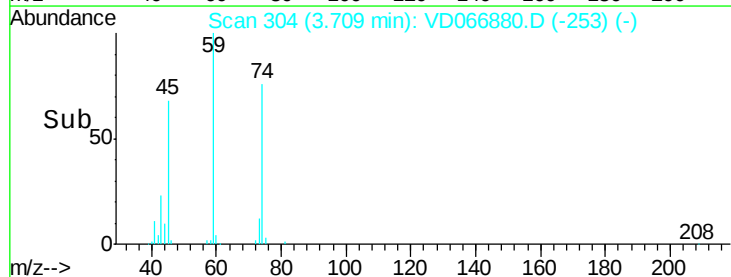
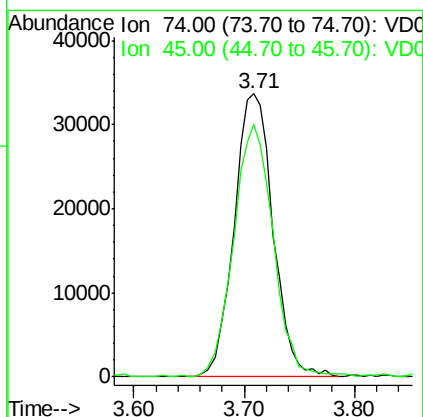
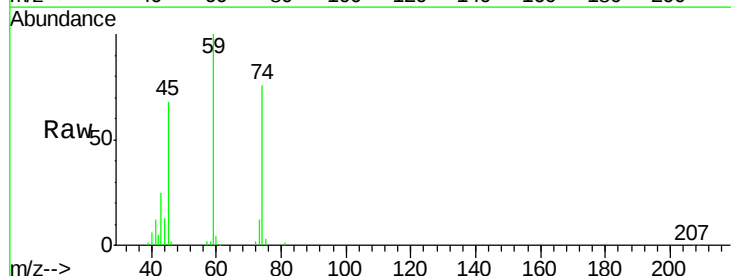
MMDadoda
 9/29/2020 11:45:23 AM

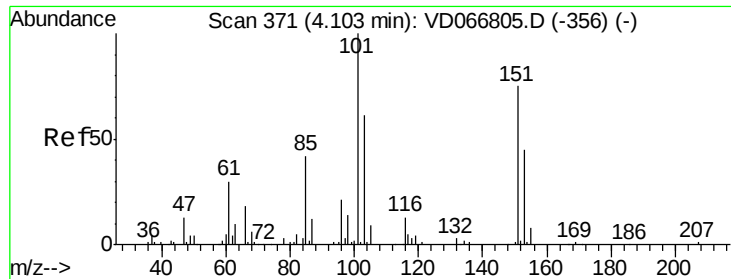


#8

Diethyl Ether
 Concen: 56.617 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066880.D
 Acq: 25 Sep 2020 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	83236		
45	90.8	46.0	138.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 41.764 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.01 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Instrument :

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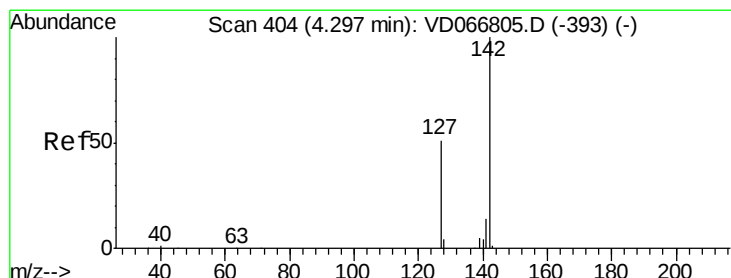
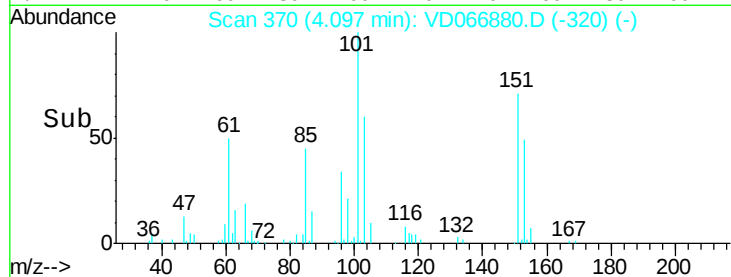
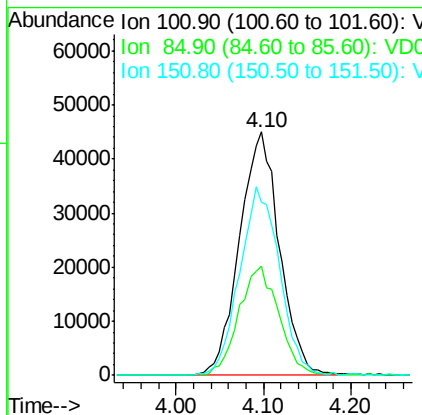
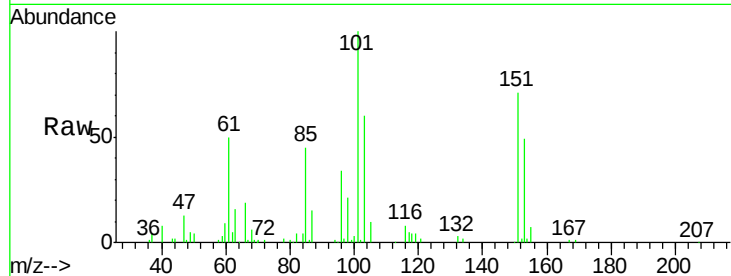
ClientSampleId :

B-2(4-5)MS

Tot Ion:	101	Resp:	140242
Ion Ratio	Lower	Upper	
101	100		
85	44.8	35.4	53.2
151	77.3	61.4	92.0

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#10

Methyl Iodide

Concen: 48.898 ug/l

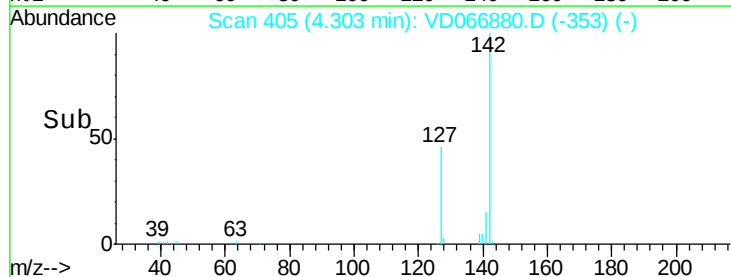
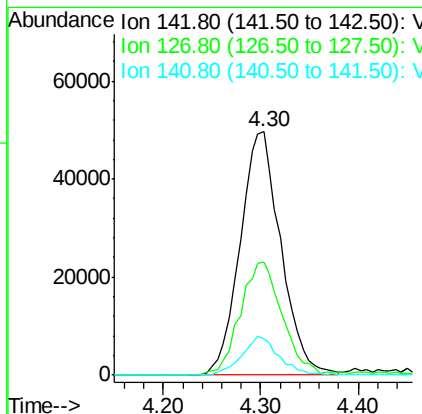
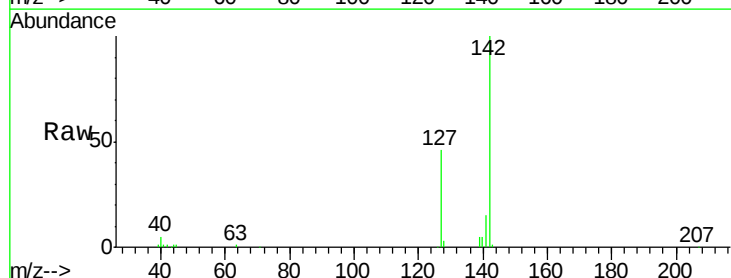
RT: 4.30 min Scan# 405

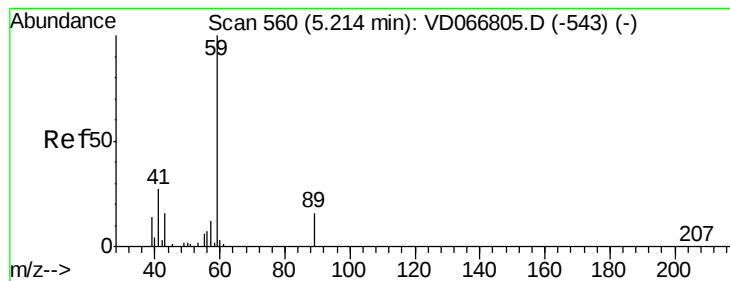
Delta R.T. 0.01 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Tgt Ion:	142	Resp:	144893
Ion Ratio	Lower	Upper	
142	100		
127	47.8	39.4	59.0
141	14.5	12.1	18.1





#11

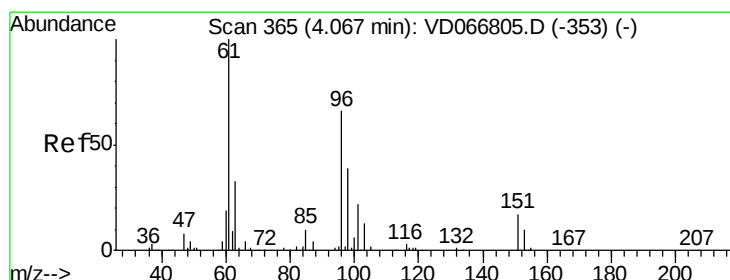
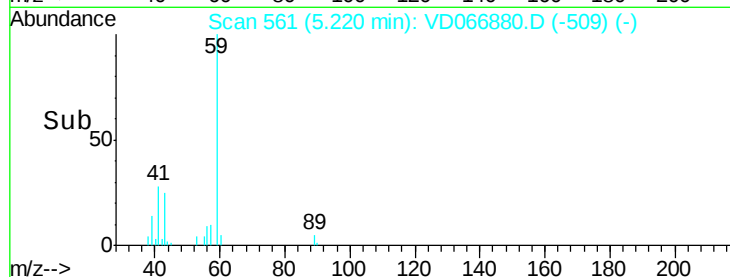
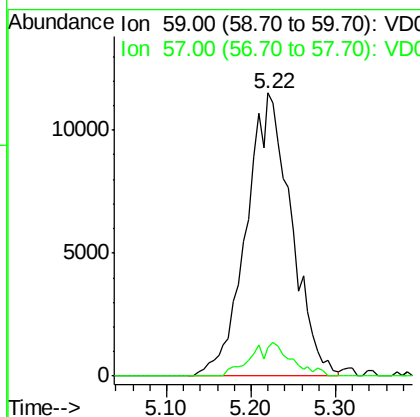
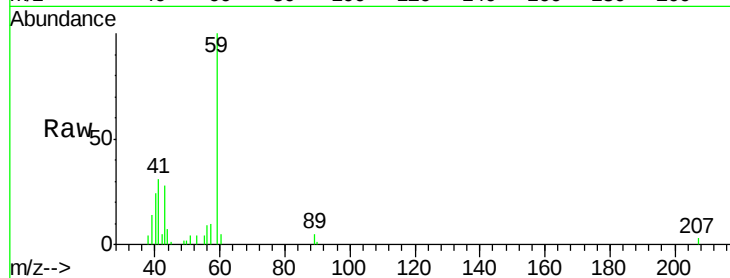
Tert butyl alcohol
Concen: 228.375 ug/l
RT: 5.22 min Scan# 561
Delta R.T. 0.01 min
Lab File: VD066880.D
Acq: 25 Sep 2020 18:01

Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	6.5	8.3	12.5#

Manual Integrations
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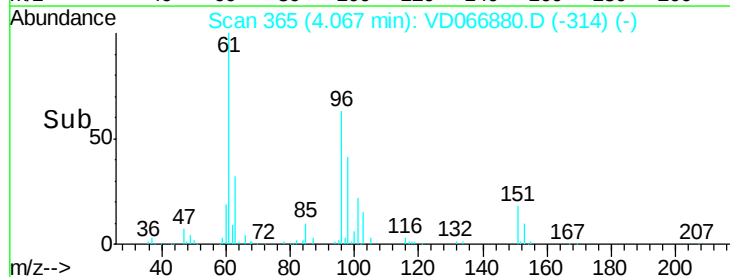
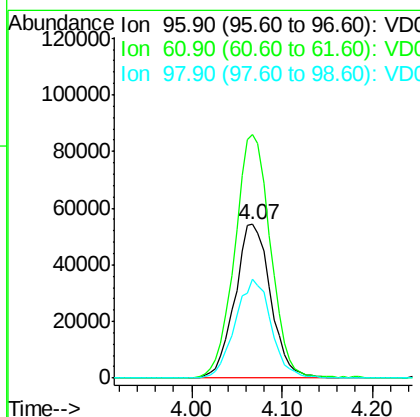
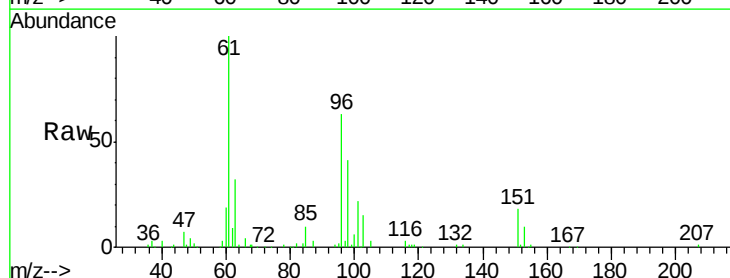
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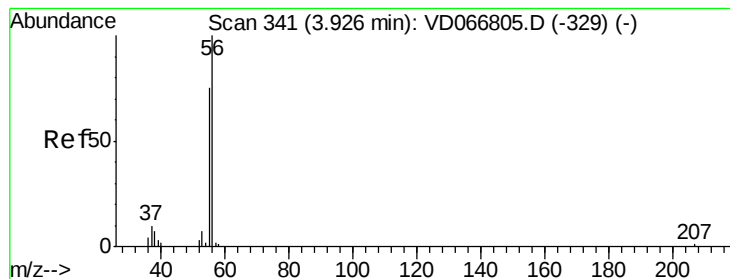


#12

1,1-Dichloroethene
Concen: 48.902 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.00 min
Lab File: VD066880.D
Acq: 25 Sep 2020 18:01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.1	120.8	181.2
98	64.4	47.7	71.5





#13

Acrolein

Concen: 250.066 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Instrument :

MSVOA_D

ClientSampleId :

B-2(4-5)MS

Tot Ion: 56 Resp: 56088

Ion Ratio Lower Upper

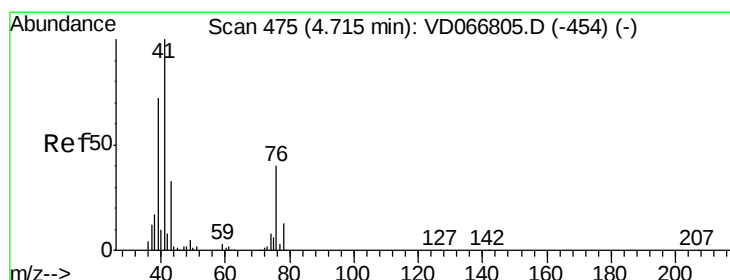
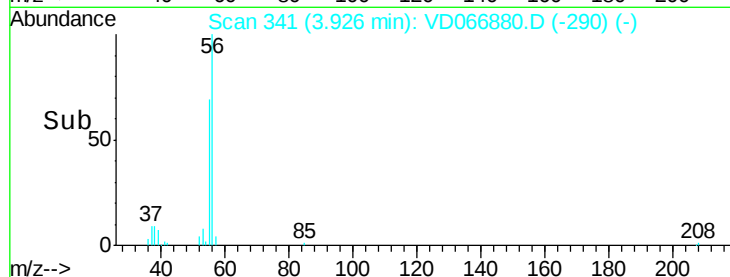
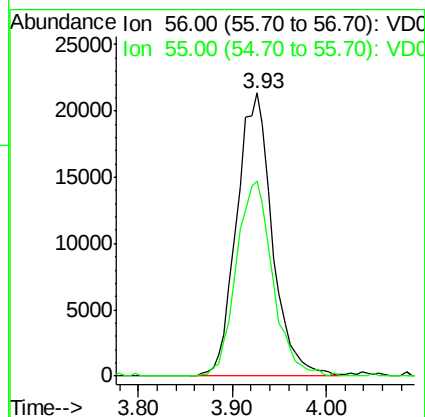
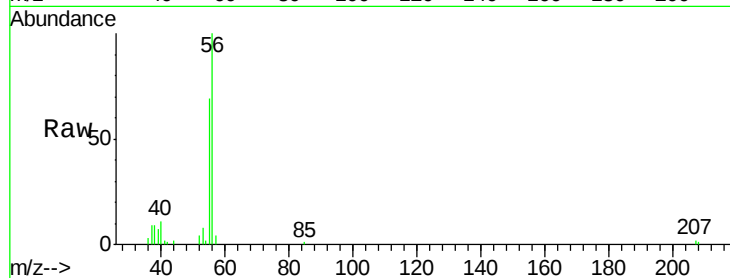
56 100

55 70.3 60.3 90.5

Manual Integrations
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#14

Allyl chloride

Concen: 51.408 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

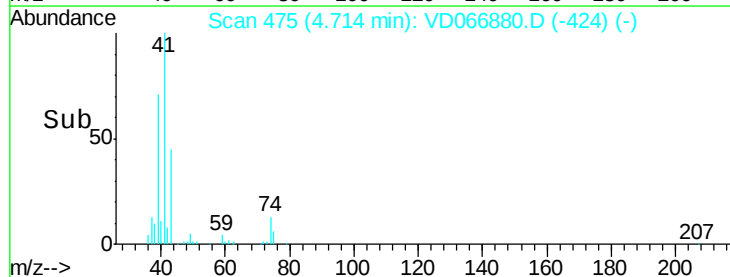
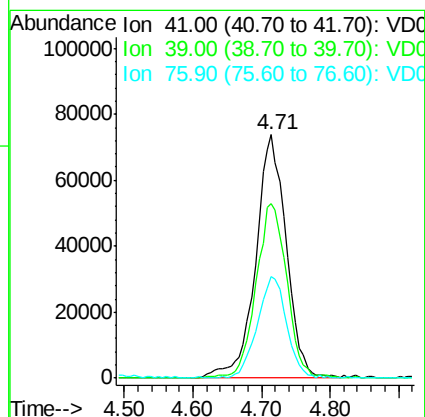
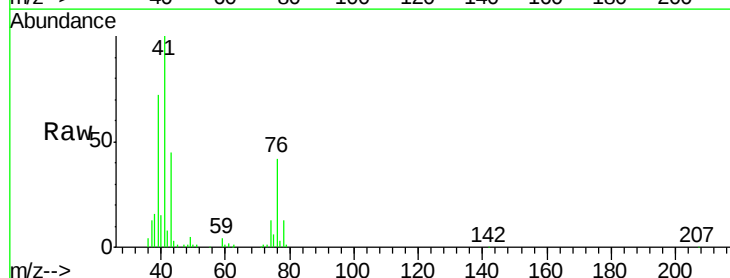
Tgt Ion: 41 Resp: 229627

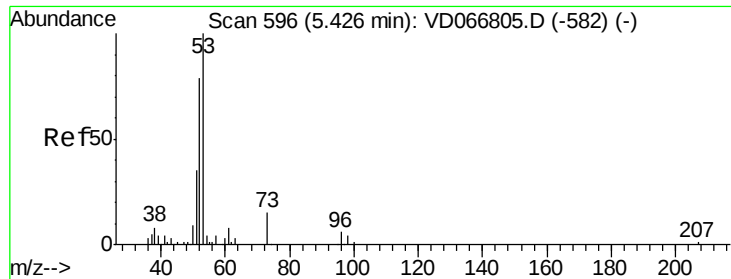
Ion Ratio Lower Upper

41 100

39 72.2 57.8 86.8

76 40.0 30.9 46.3





#15

Acrylonitrile

Concen: 263.890 ug/l

RT: 5.43 min Scan# 597

Delta R.T. 0.01 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Instrument :

MSVOA_D

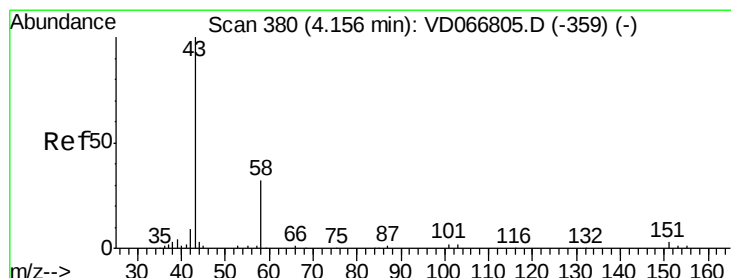
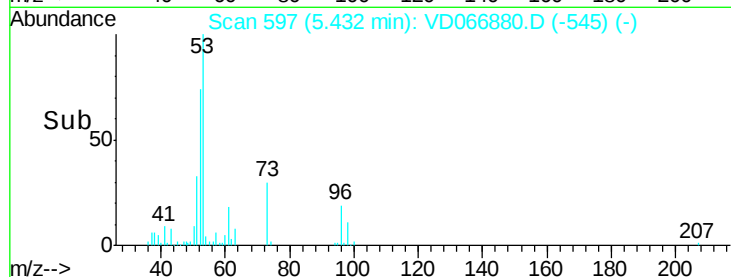
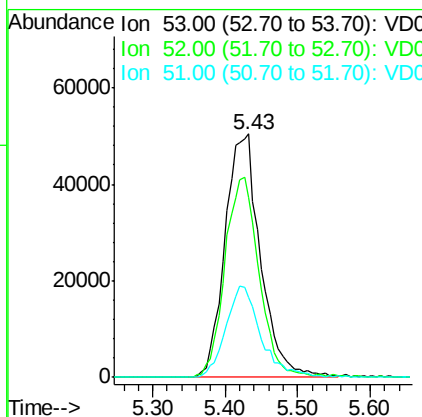
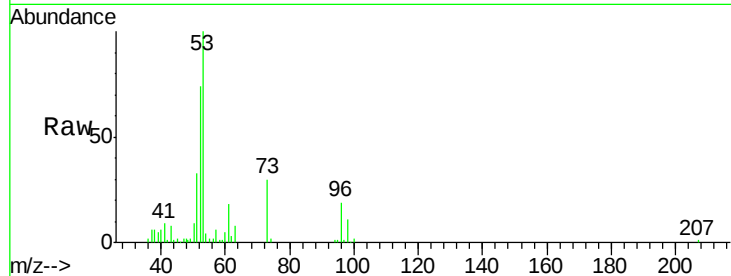
ClientSampleId :

B-2(4-5)MS

Tot Ion:	53	Resp:	171929
Ion	Ratio	Lower	Upper
53	100		
52	78.5	65.2	97.8
51	36.8	30.6	46.0

Manual Integrations
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#16

Acetone

Concen: 254.362 ug/l

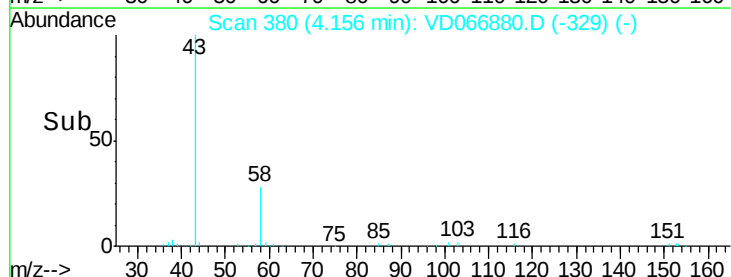
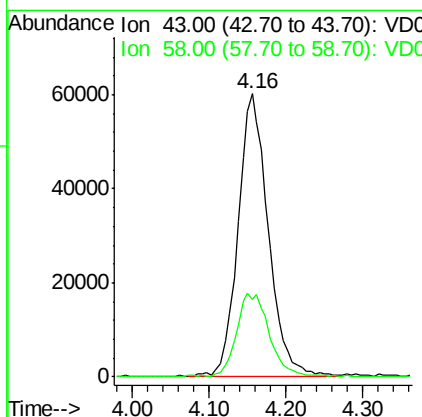
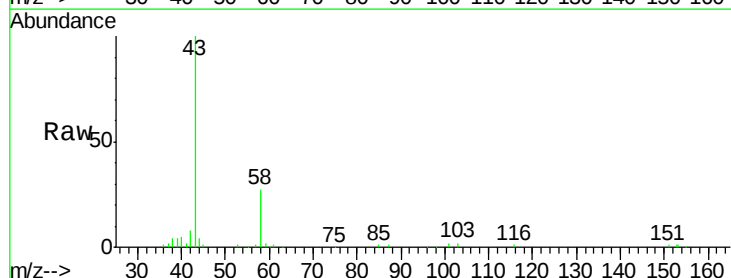
RT: 4.16 min Scan# 380

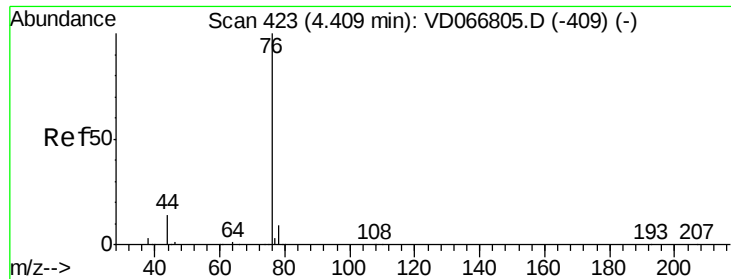
Delta R.T. -0.00 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Tgt Ion:	43	Resp:	164059
Ion	Ratio	Lower	Upper
43	100		
58	26.8	25.6	38.4





#17

Carbon Disulfide

Concen: 45.054 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Instrument :

MSVOA_D

ClientSampleId :

B-2(4-5)MS

Tot Ion: 76 Resp: 418994

Ion Ratio Lower Upper

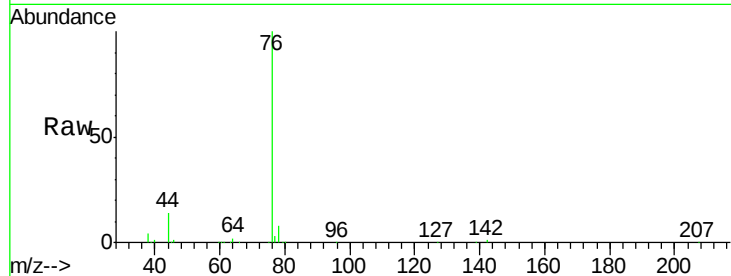
76 100

78 8.3 7.6 11.4

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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.41

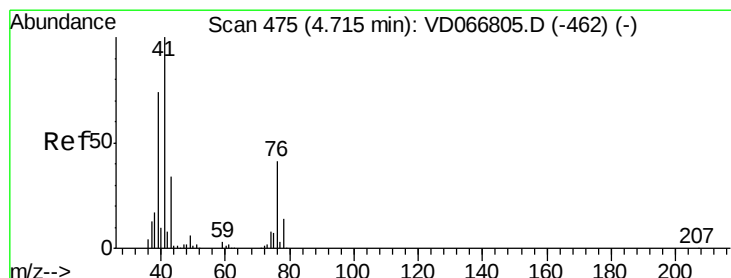
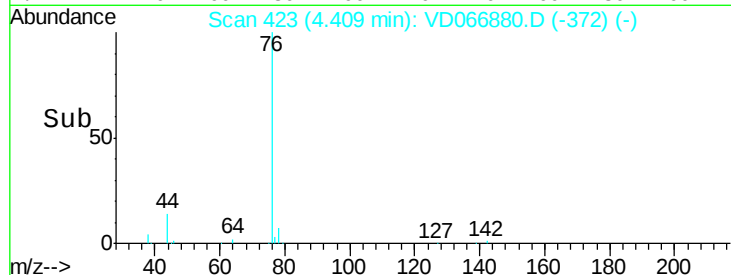
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 72.043 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066880.D

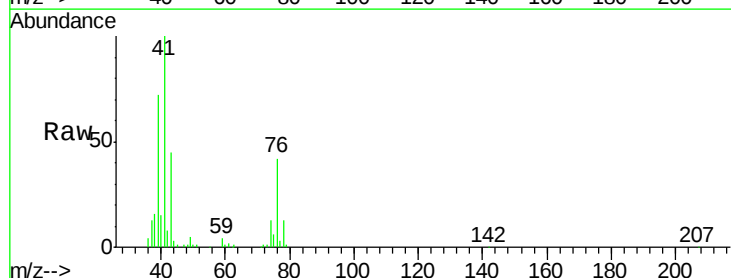
Acq: 25 Sep 2020 18:01

Tgt Ion: 43 Resp: 101376

Ion Ratio Lower Upper

43 100

74 27.7 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.71

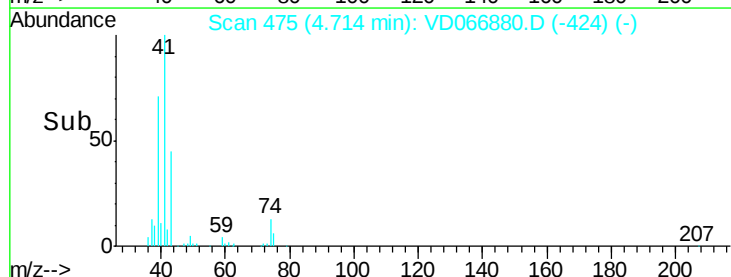
30000

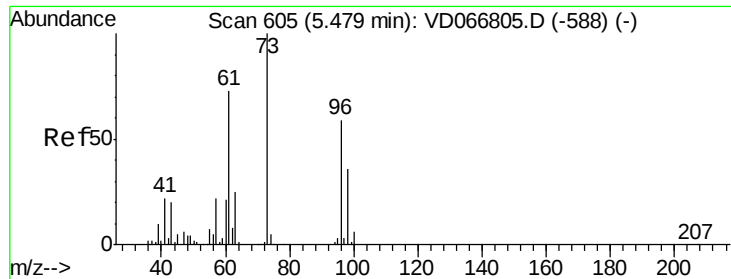
20000

10000

0

Time-->





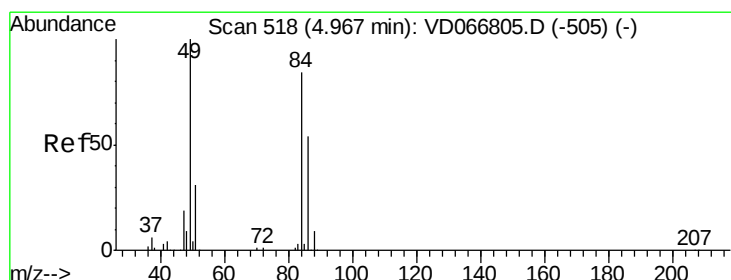
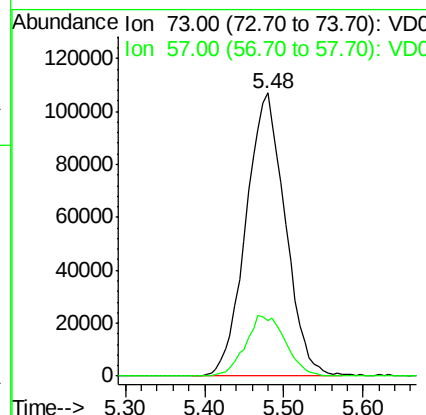
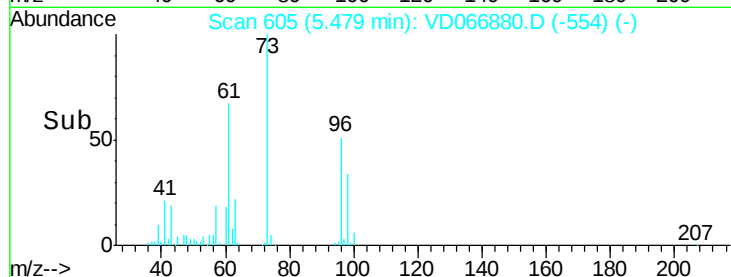
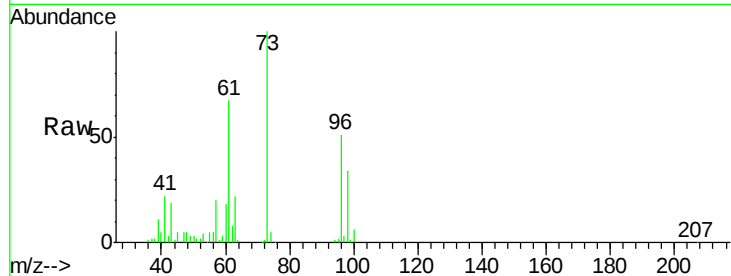
#19
Methyl tert-butyl Ether
Concen: 55.703 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD066880.D
Acq: 25 Sep 2020 18:01

Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)MS

Tot Ion: 73 Resp: 367970
Ion Ratio Lower Upper
73 100
57 19.5 17.4 26.2

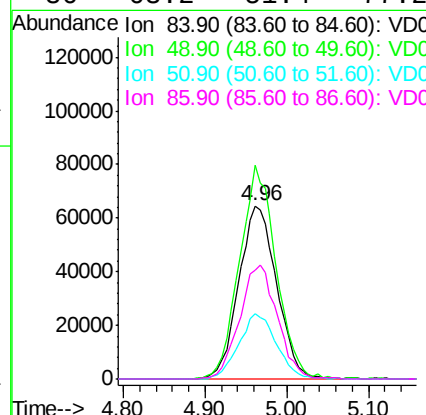
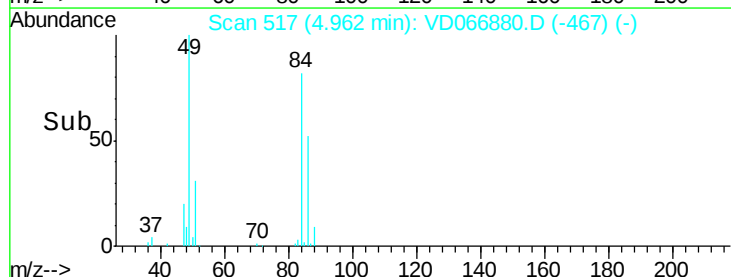
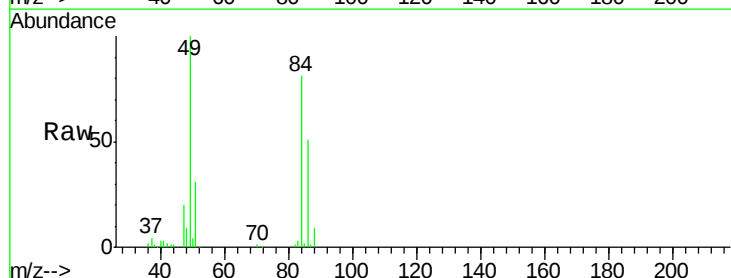
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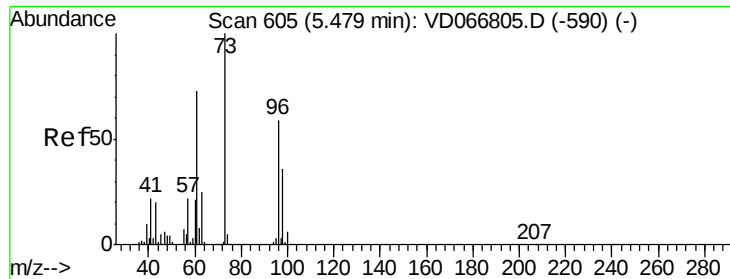
MMDadoda
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#20
Methylene Chloride
Concen: 61.065 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066880.D
Acq: 25 Sep 2020 18:01

Tgt Ion: 84 Resp: 208081
Ion Ratio Lower Upper
84 100
49 123.5 95.4 143.2
51 37.9 29.7 44.5
86 63.2 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 51.033 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Instrument :

MSVOA_D

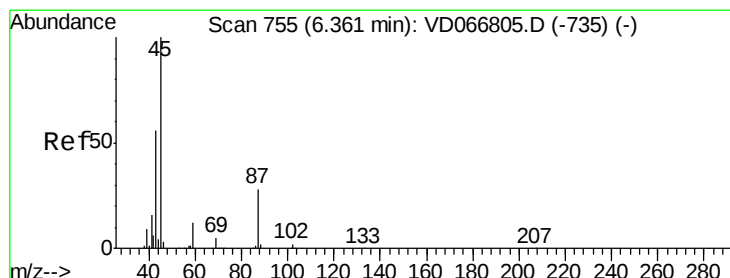
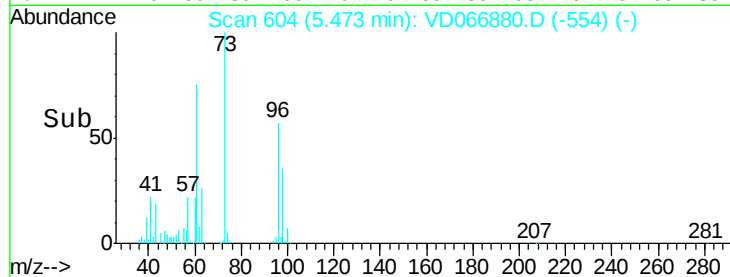
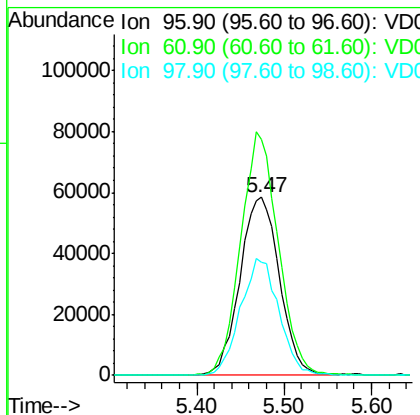
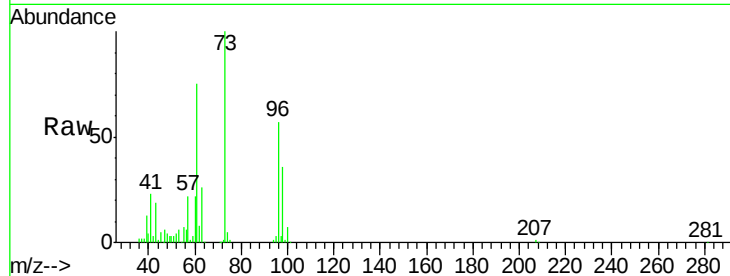
ClientSampleId :

B-2(4-5)MS

Tot Ion:	96	Resp:	179747
Ion	Ratio	Lower	Upper
96	100		
61	132.2	98.9	148.3
98	63.4	48.4	72.6

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#22

Diisopropyl ether

Concen: 58.108 ug/l

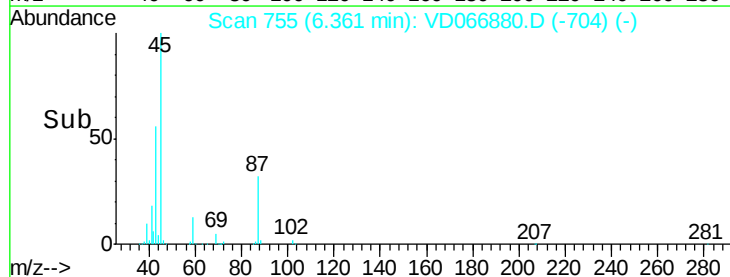
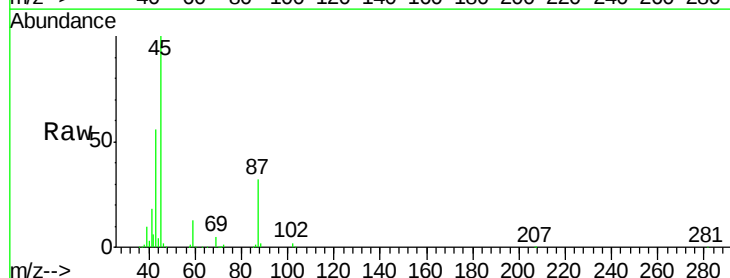
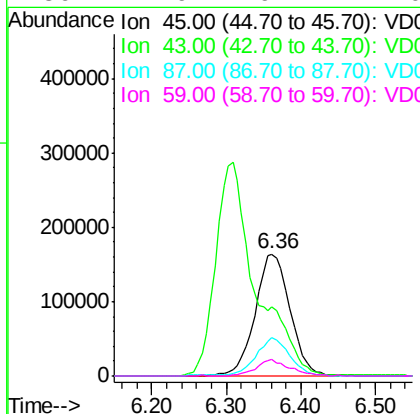
RT: 6.36 min Scan# 755

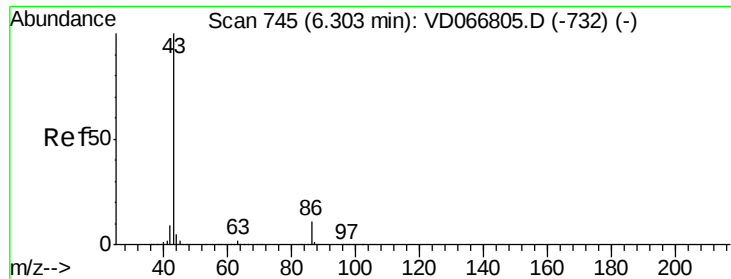
Delta R.T. -0.00 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Tgt Ion:	45	Resp:	533668
Ion	Ratio	Lower	Upper
45	100		
43	55.5	44.5	66.7
87	31.5	22.9	34.3
59	12.9	9.4	14.0





#23

Vinyl Acetate

Concen: 216.543 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Instrument :

MSVOA_D

ClientSampleId :

B-2(4-5)MS

Tot Ion: 43 Resp: 1077942

Ion Ratio Lower Upper

43 100

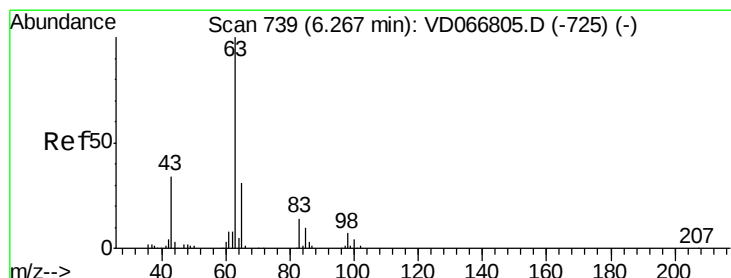
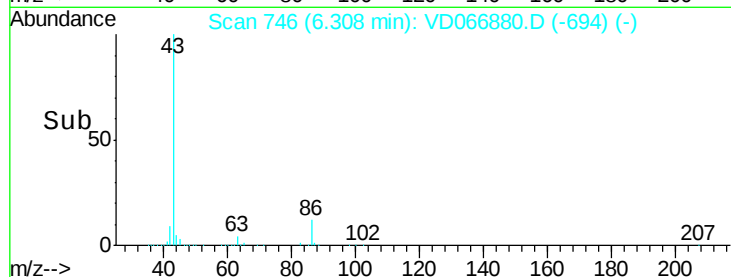
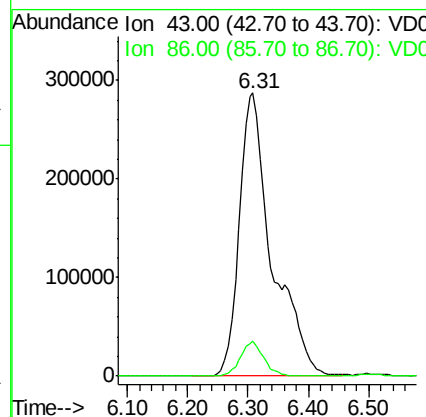
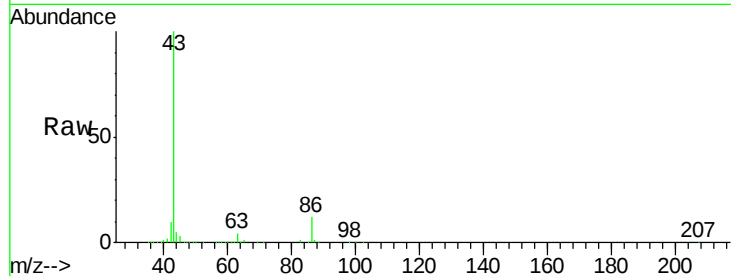
86 12.2 8.9 13.3

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#24

1,1-Dichloroethane

Concen: 53.200 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

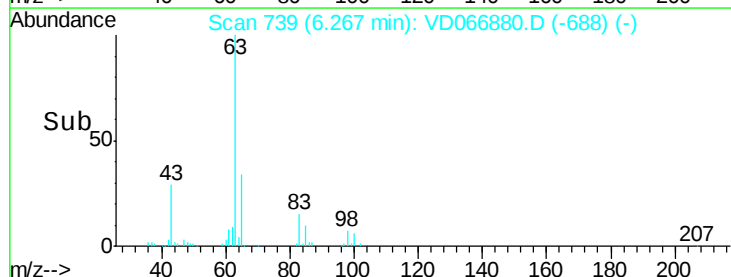
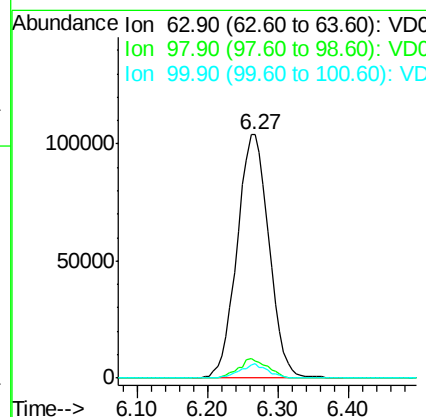
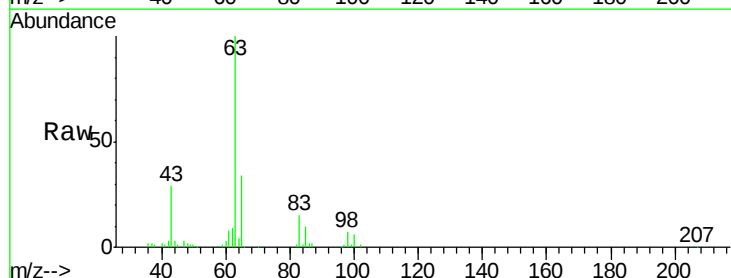
Tgt Ion: 63 Resp: 326861

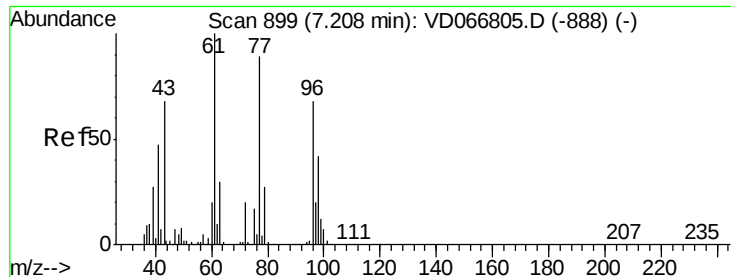
Ion Ratio Lower Upper

63 100

98 7.2 3.7 11.1

100 5.8 1.8 5.5#





#25

2-Butanone

Concen: 249.243 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Instrument :

MSVOA_D

ClientSampleId :

B-2(4-5)MS

Tot Ion: 43 Resp: 193187

Ion Ratio Lower Upper

43 100

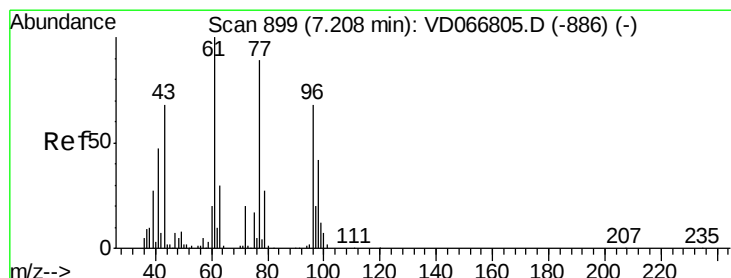
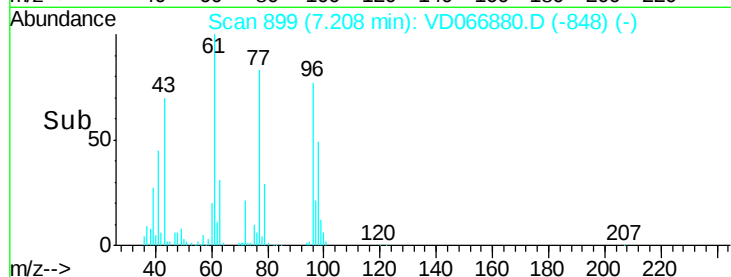
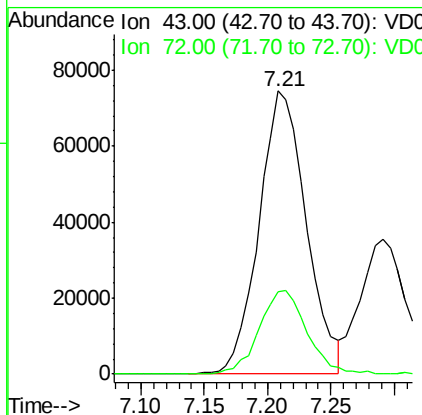
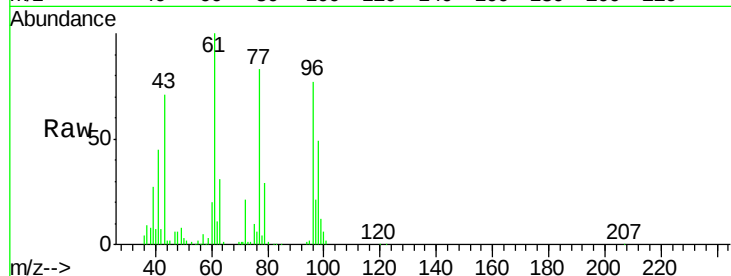
72 29.2 22.9 34.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 46.595 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066880.D

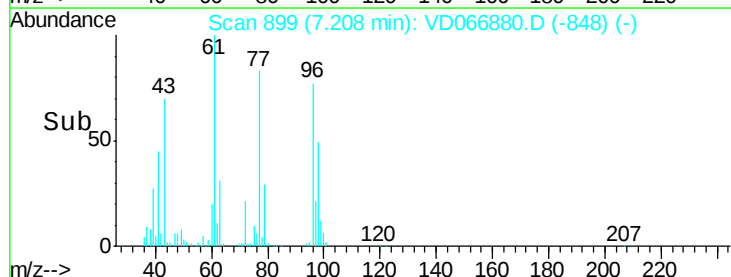
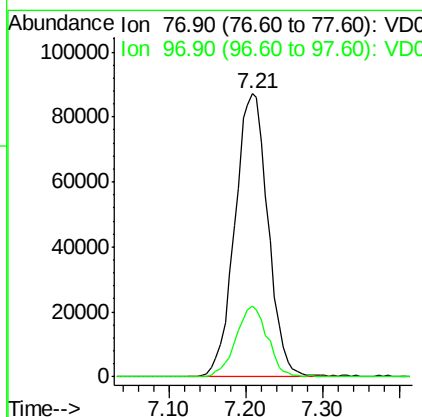
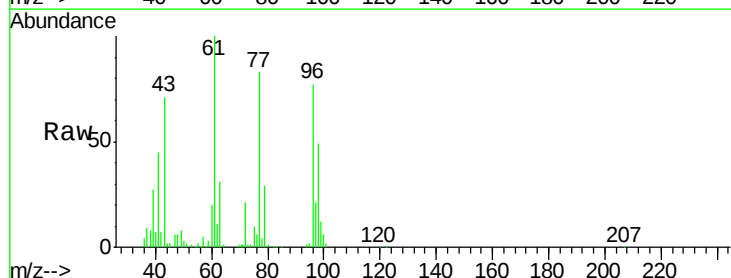
Acq: 25 Sep 2020 18:01

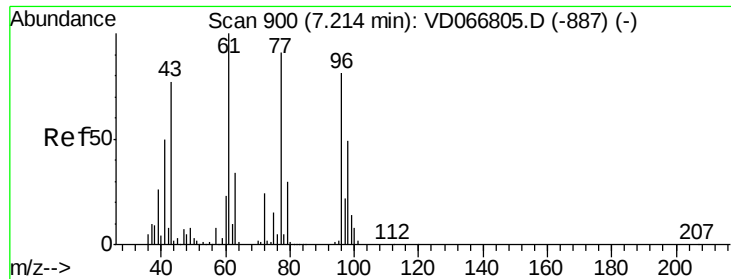
Tgt Ion: 77 Resp: 262390

Ion Ratio Lower Upper

77 100

97 23.8 11.7 35.1





#27

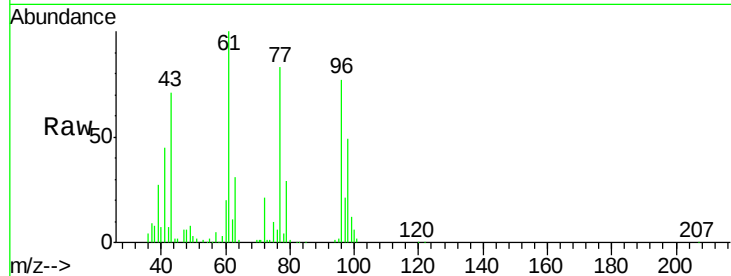
cis-1,2-Dichloroethene
Concen: 55.124 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD066880.D
Acq: 25 Sep 2020 18:01

Instrument :
MSVOA_D
ClientSampled :
B-2(4-5)MS

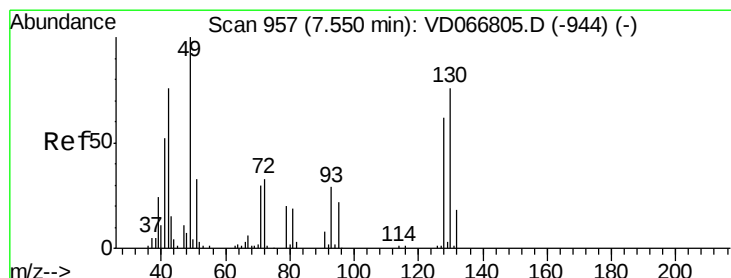
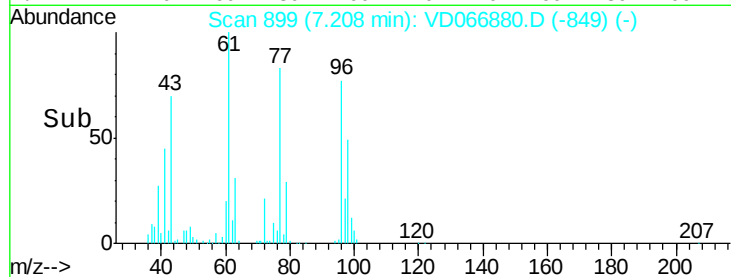
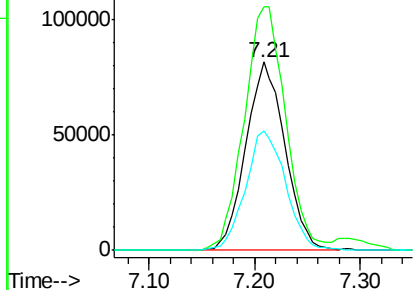
Tot Ion	Ratio	Resp	Lower	Upper
96	100	210955		
61	136.2	0.0	283.8	
98	65.0	0.0	128.4	

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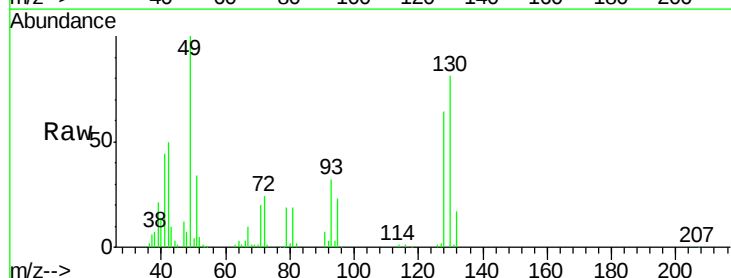
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



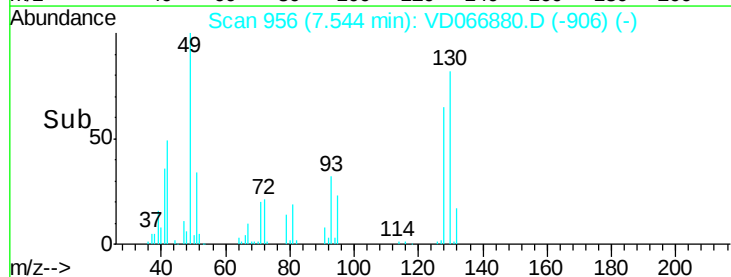
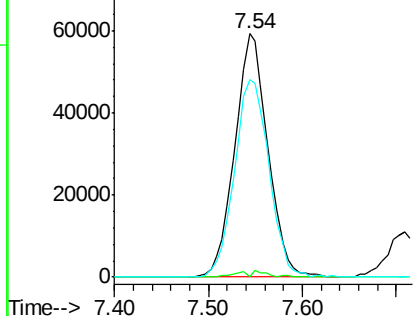
#28

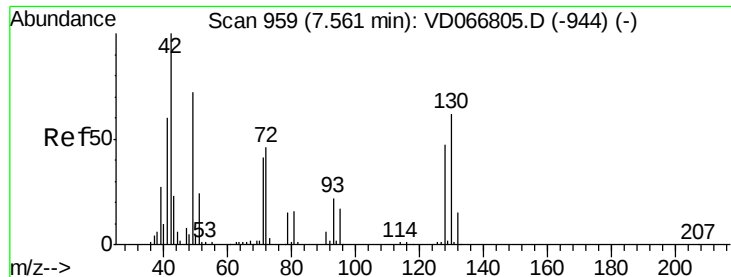
Bromochloromethane
Concen: 56.945 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.01 min
Lab File: VD066880.D
Acq: 25 Sep 2020 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	144540		
129	1.0	0.0	2.0	
130	84.8	65.9	98.9	



Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): VDC
Ion 129.80 (129.50 to 130.50): VDC





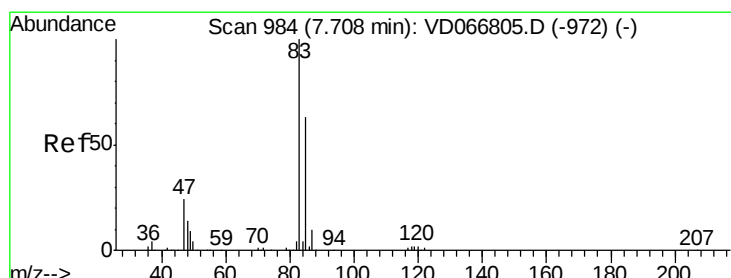
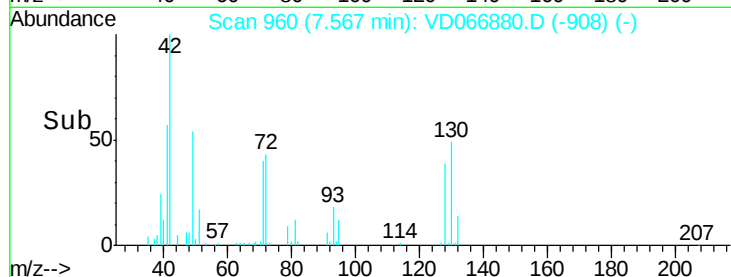
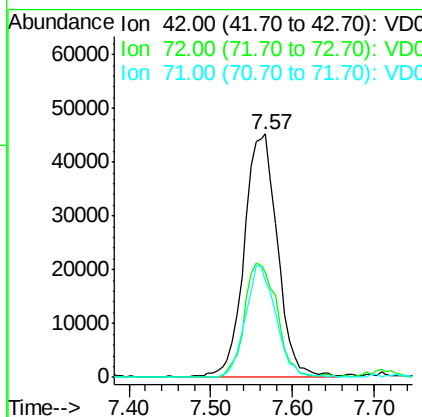
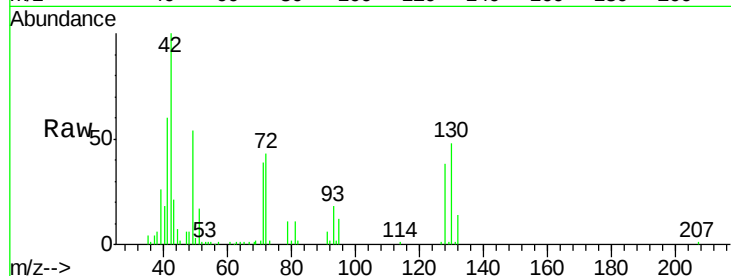
#29
Tetrahydrofuran
Concen: 258.449 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.01 min
Lab File: VD066880.D
Acq: 25 Sep 2020 18:01

Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.5	36.2	54.4
71	41.7	32.4	48.6

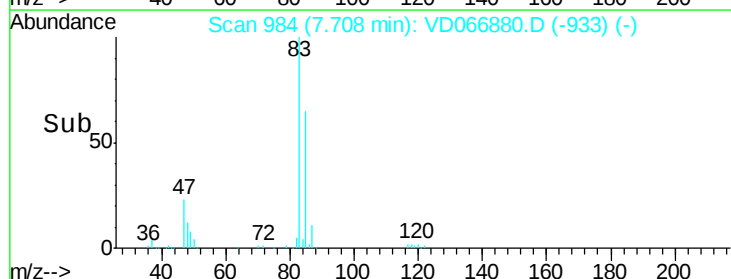
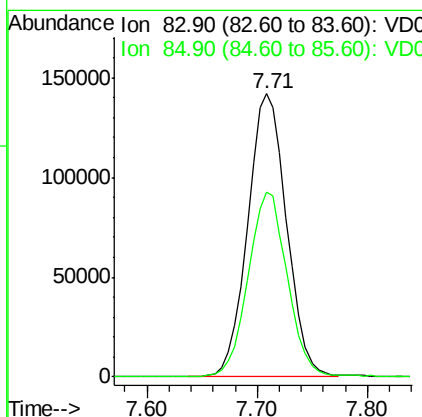
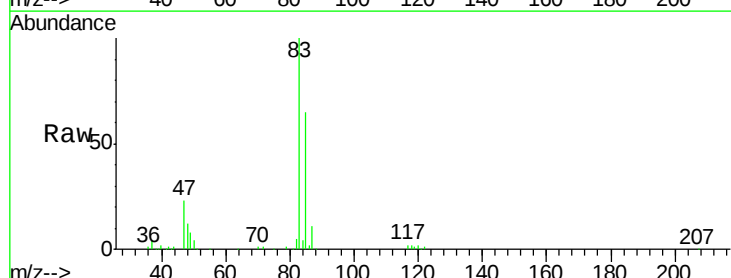
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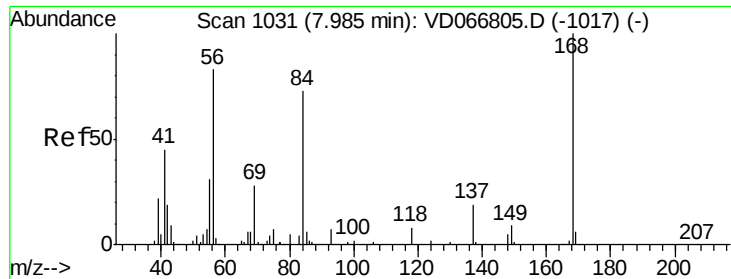
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#30
Chloroform
Concen: 52.882 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066880.D
Acq: 25 Sep 2020 18:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	50.6	75.8





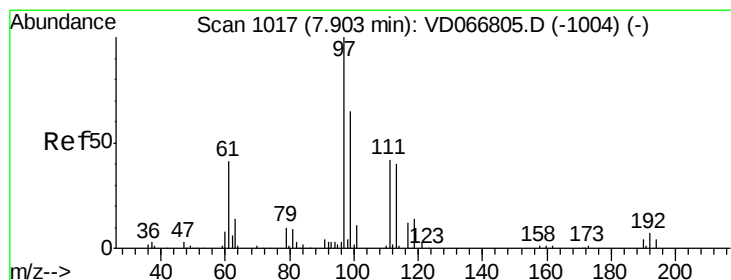
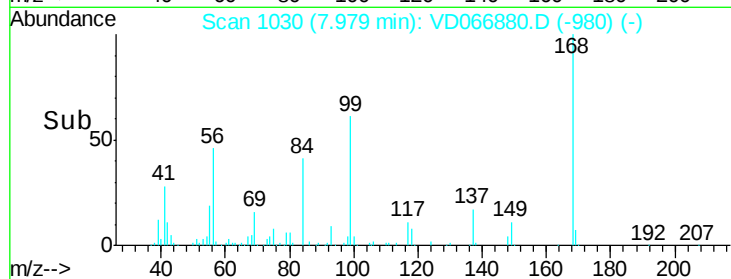
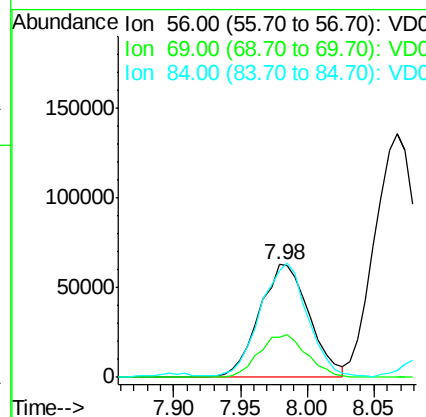
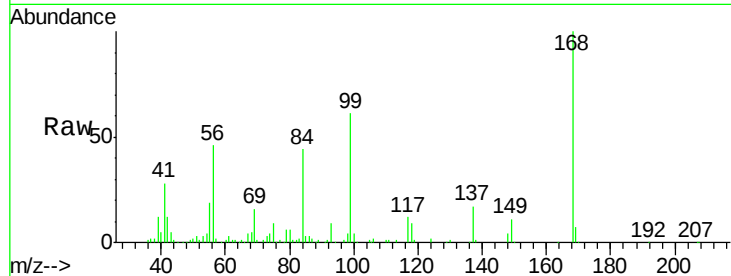
#31
Cyclohexane
Concen: 29.553 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066880.D
Acq: 25 Sep 2020 18:01

Instrument :
MSVOA_D
ClientSampleID :
B-2(4-5)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100		163378		
69	35.4	27.0	40.4		
84	93.1	70.2	105.4		

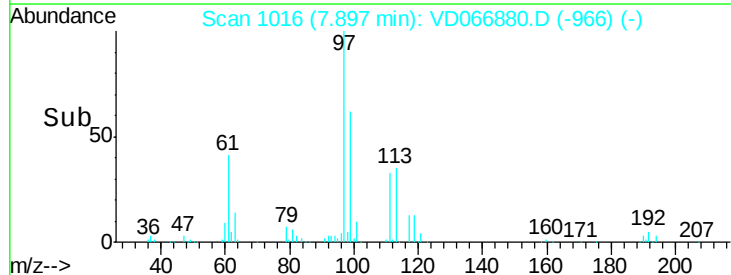
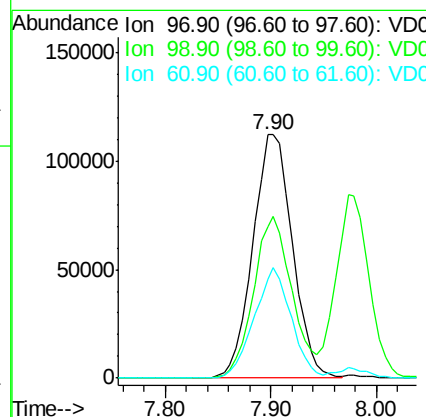
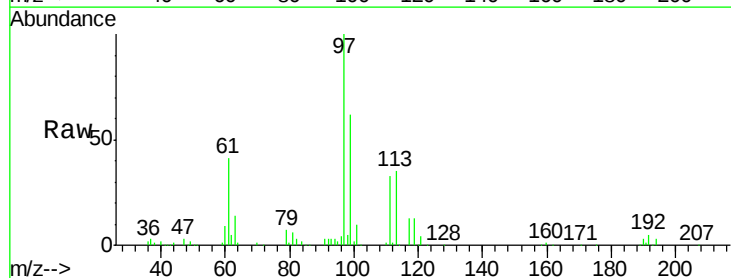
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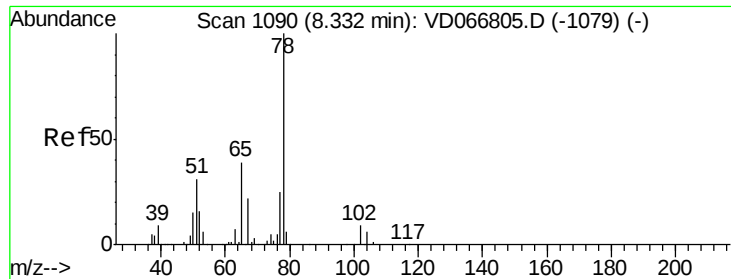
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#32
1,1,1-Trichloroethane
Concen: 48.833 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. -0.01 min
Lab File: VD066880.D
Acq: 25 Sep 2020 18:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		292564		
99	64.7	51.5	77.3		
61	42.3	34.2	51.4		





#33

1,2-Dichloroethane-d4

Concen: 51.442 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Instrument :

MSVOA_D

ClientSampleId :

B-2(4-5)MS

Tot Ion: 65 Resp: 156408

Ion Ratio Lower Upper

65 100

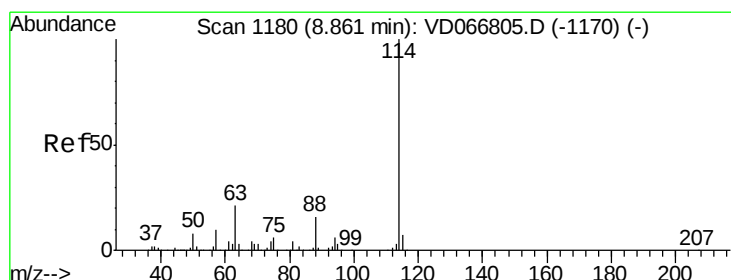
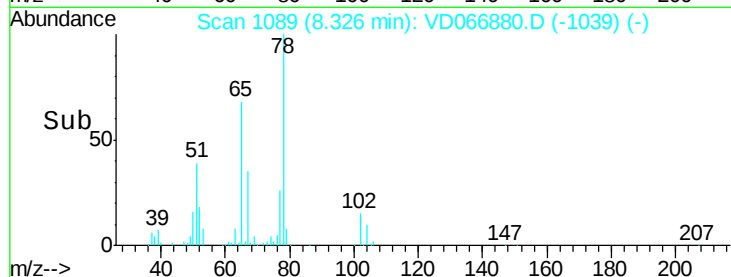
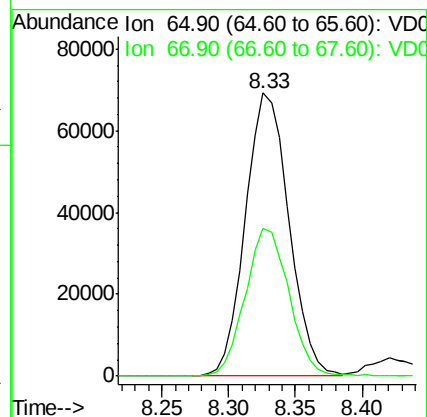
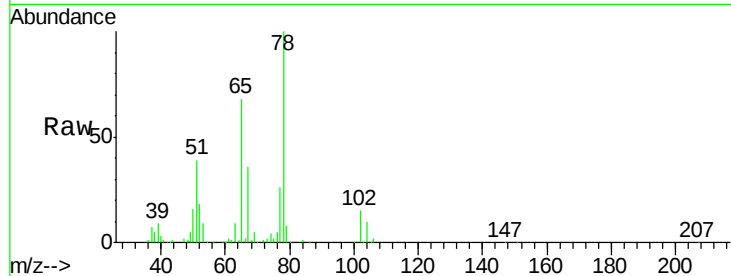
67 52.1 0.0 107.2

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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: VD066880.D

Acq: 25 Sep 2020 18:01

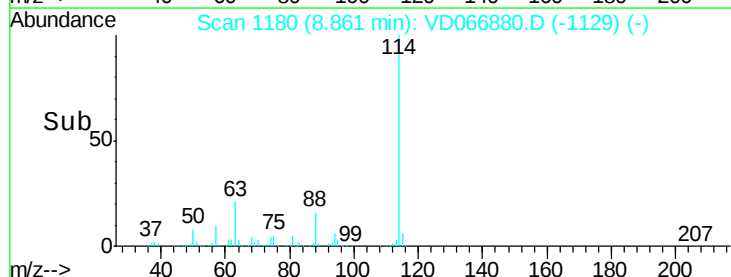
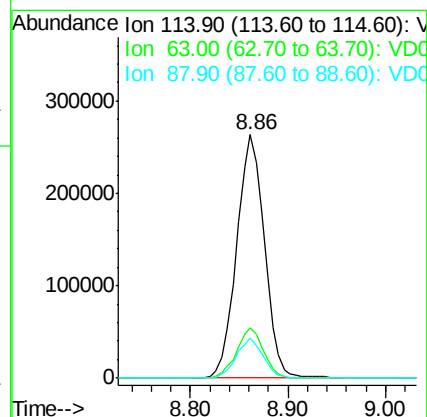
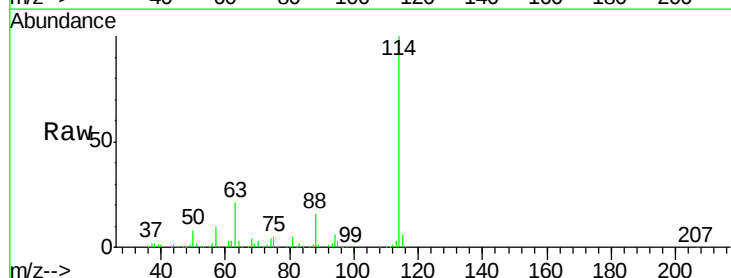
Tgt Ion: 114 Resp: 521654

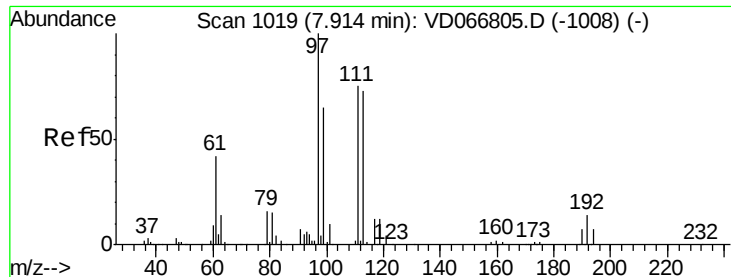
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.6

88 16.3 0.0 32.6





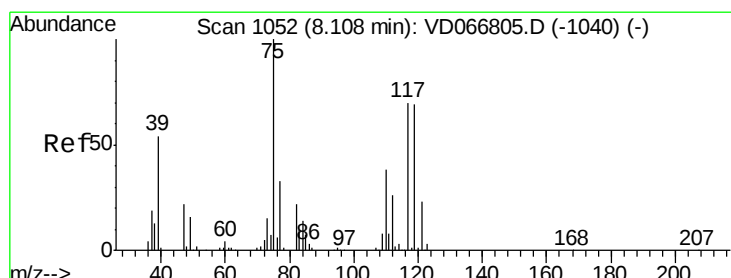
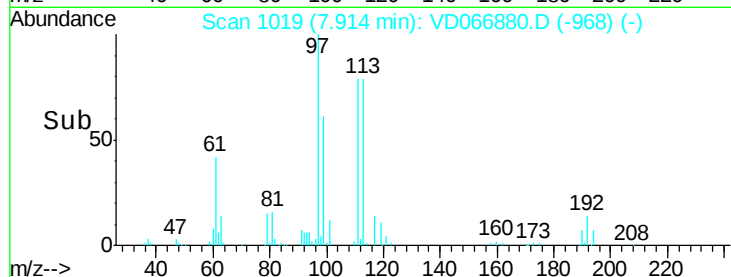
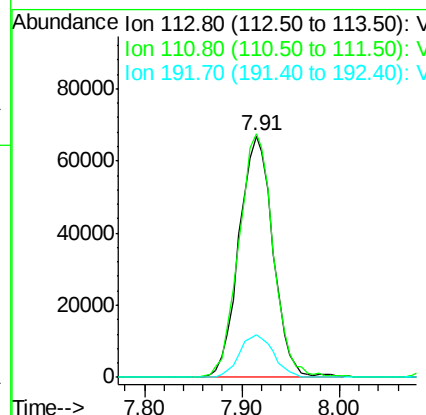
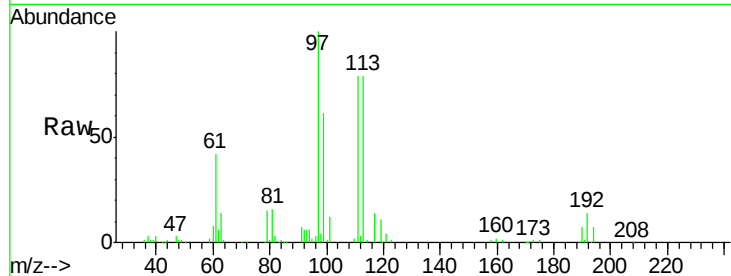
#35
 Dibromofluoromethane
 Concen: 48.886 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066880.D
 Acq: 25 Sep 2020 18:01

Instrument :
 MSVOA_D
 ClientSampleId :
 B-2(4-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	162242		
111	102.5	81.8	122.8	
192	17.9	14.4	21.6	

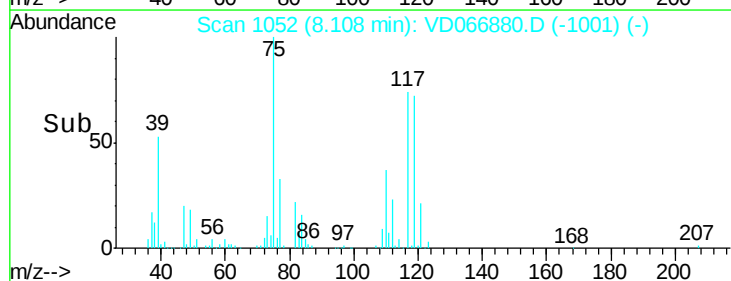
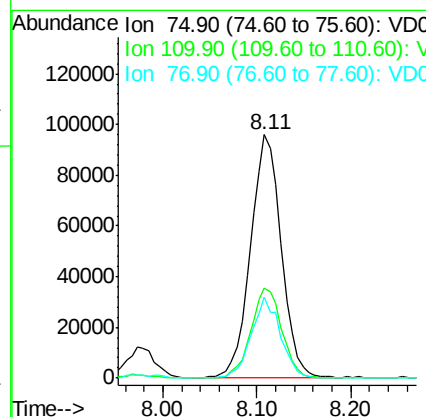
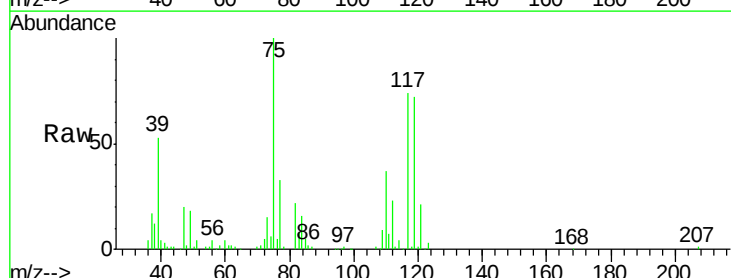
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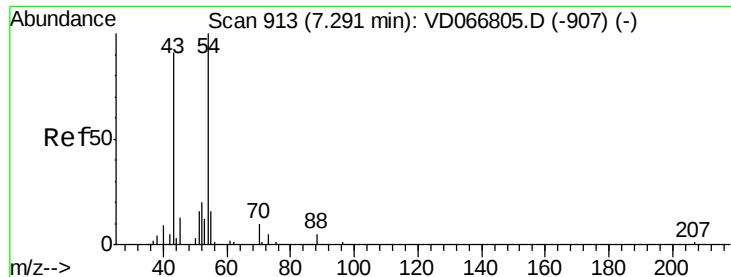
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#36
 1,1-Dichloropropene
 Concen: 41.798 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066880.D
 Acq: 25 Sep 2020 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	216315		
110	37.4	17.9	53.8	
77	32.1	25.0	37.6	





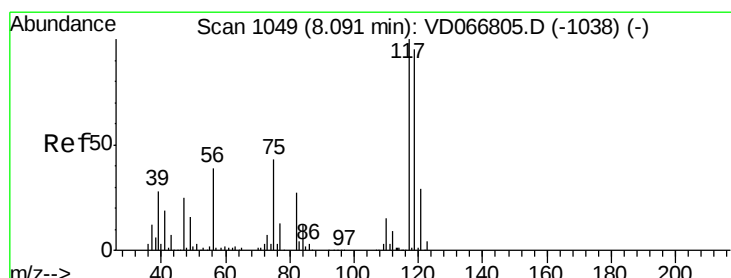
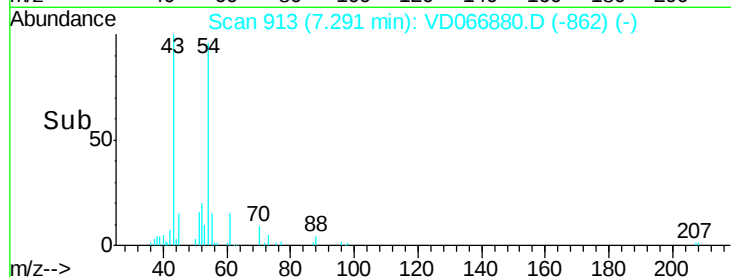
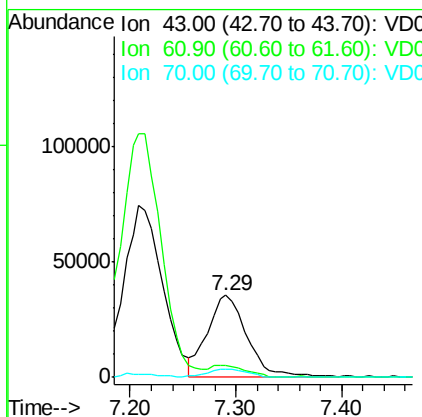
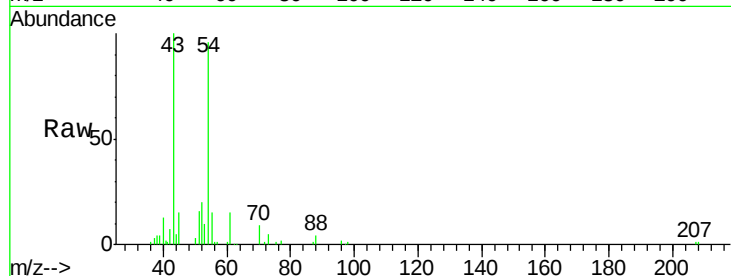
#37
Ethyl Acetate
Concen: 48.644 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066880.D
Acq: 25 Sep 2020 18:01

Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	9.8	14.8
70	10.5	8.5	12.7

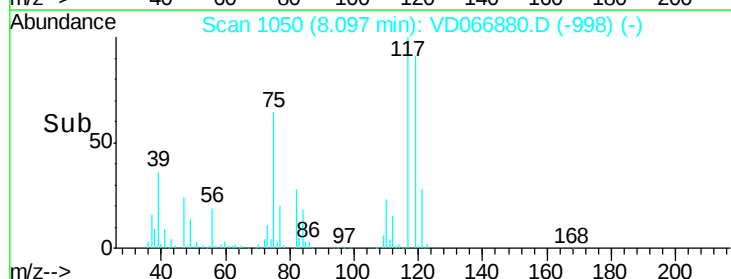
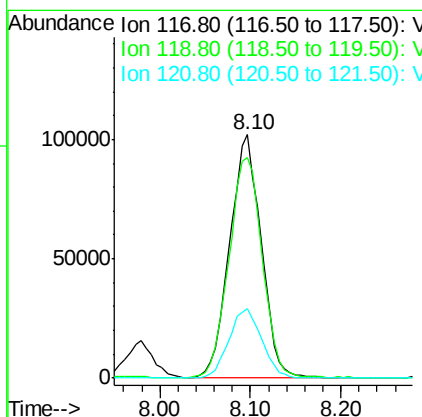
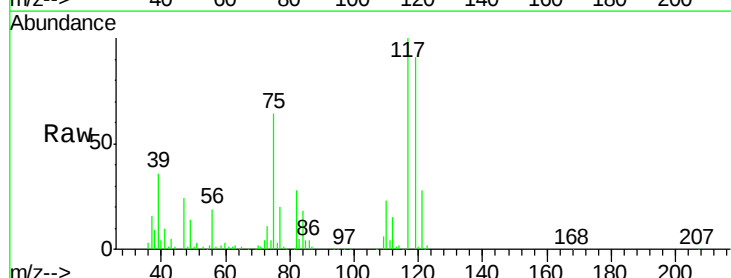
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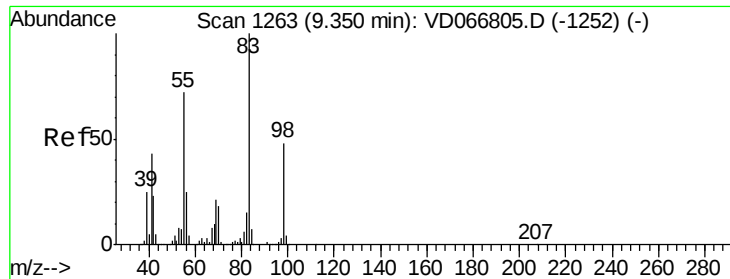
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#38
Carbon Tetrachloride
Concen: 43.479 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VD066880.D
Acq: 25 Sep 2020 18:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.5	75.8	113.8
121	28.6	23.4	35.0





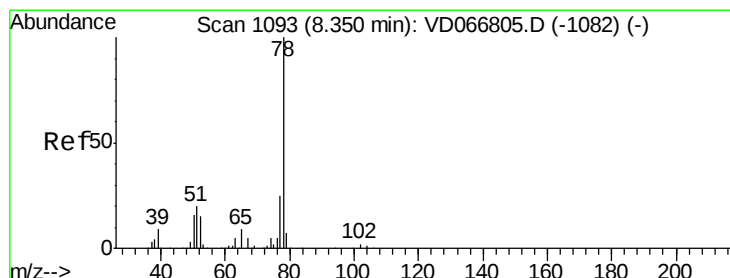
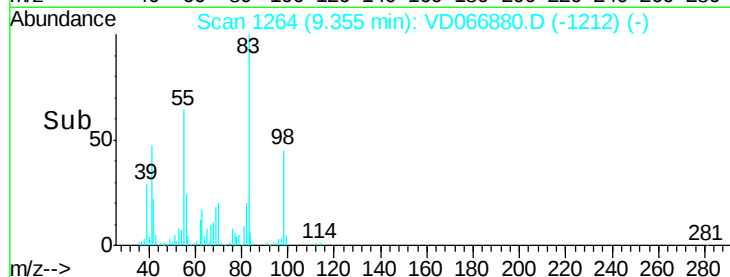
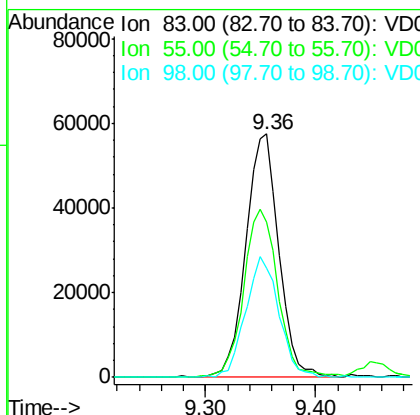
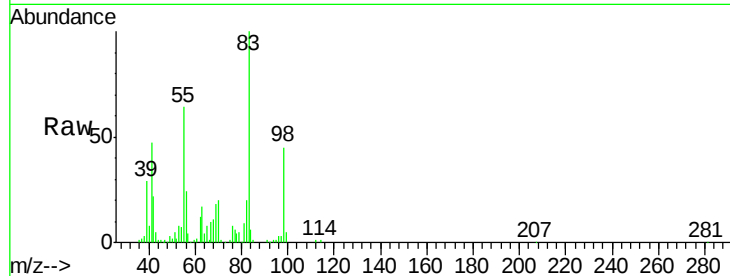
#39
Methvlcvclohexane
Concen: 20.258 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.01 min
Lab File: VD066880.D
Acq: 25 Sep 2020 18:01

Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	63.6	57.7	86.5
98	44.9	38.4	57.6

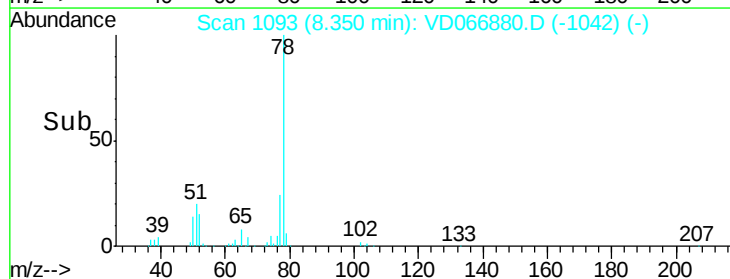
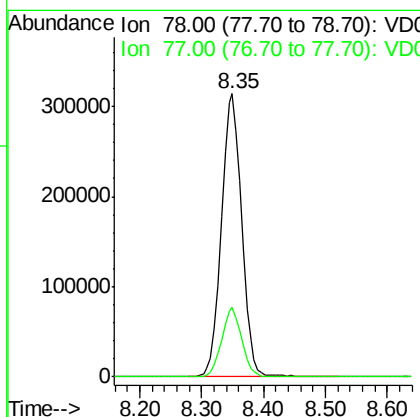
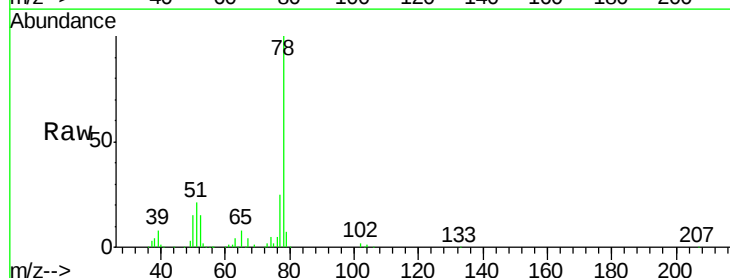
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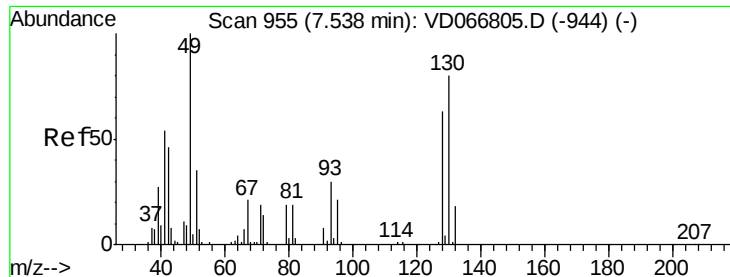
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#40
Benzene
Concen: 49.777 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD066880.D
Acq: 25 Sep 2020 18:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.9	29.9





#41

Methacrylonitrile

Concen: 42.775 ug/l

RT: 7.52 min Scan# 952

Delta R.T. -0.02 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Instrument :

MSVOA_D

ClientSampleId :

B-2(4-5)MS

Tot Ion: 41 Resp: 49214

Ion Ratio Lower Upper

41 100

39 72.3 0.0 0.0#

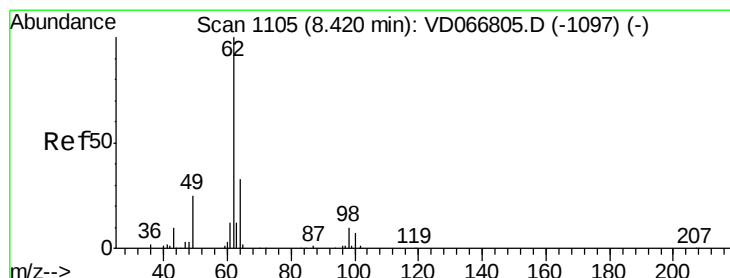
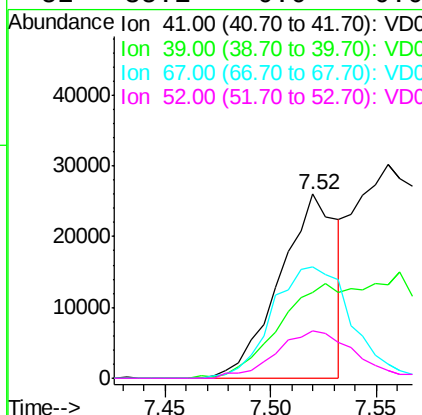
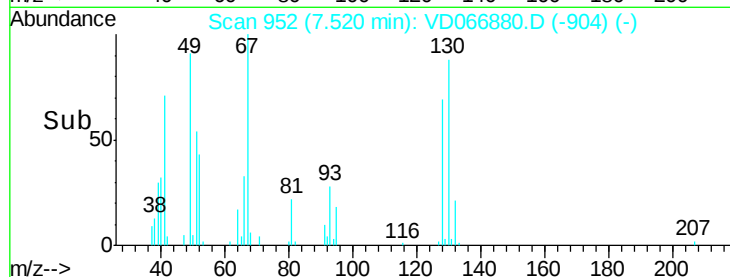
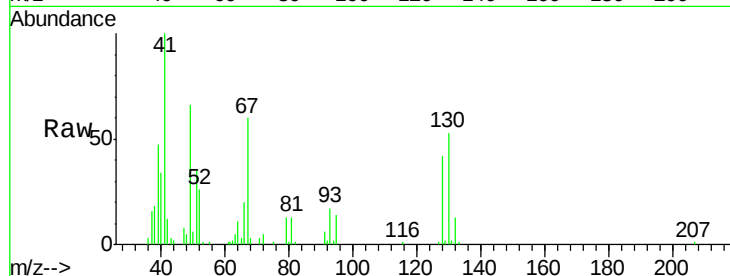
67 84.0 0.0 0.0#

52 35.1 0.0 0.0#

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 50.851 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VD066880.D

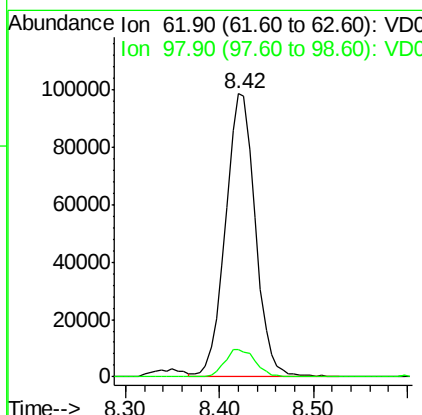
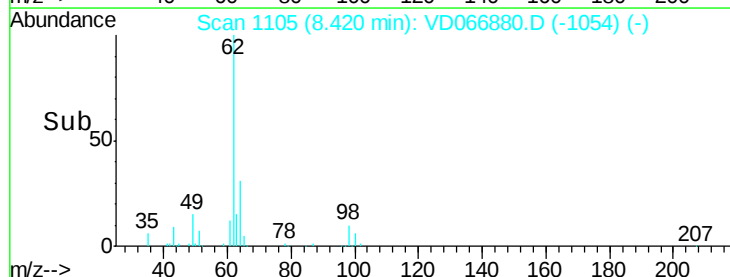
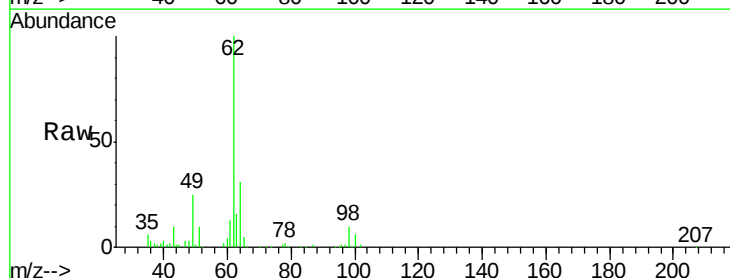
Acq: 25 Sep 2020 18:01

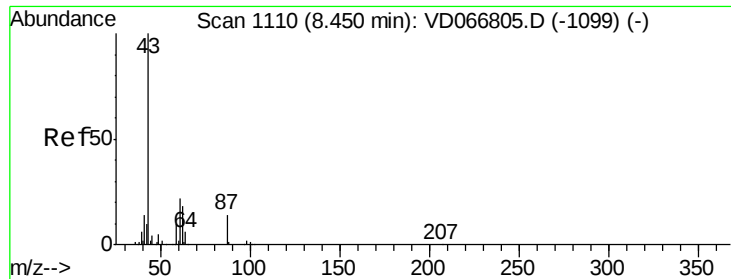
Tgt Ion: 62 Resp: 216821

Ion Ratio Lower Upper

62 100

98 10.1 0.0 19.8





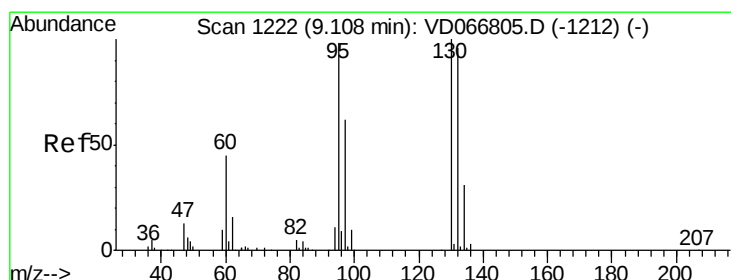
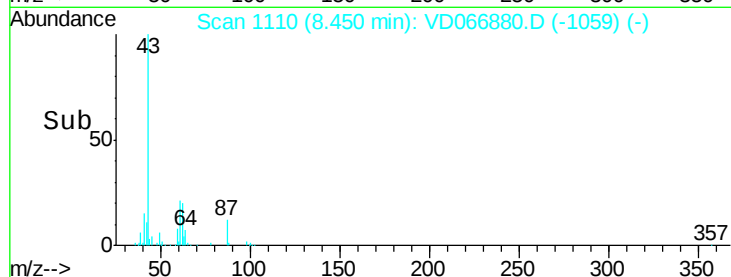
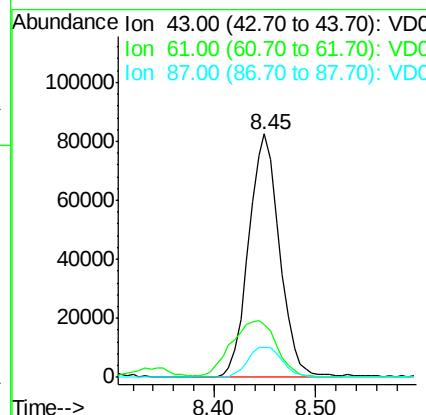
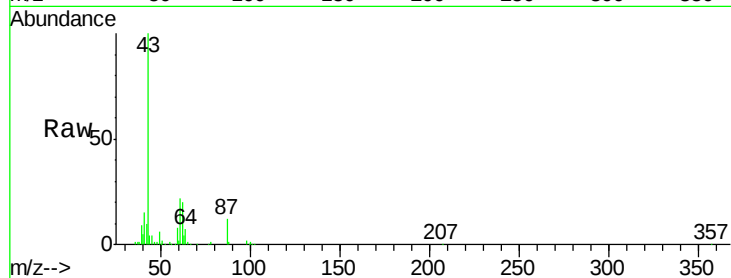
#43
Isopropyl Acetate
Concen: 48.393 ug/l
RT: 8.45 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD066880.D
Acq: 25 Sep 2020 18:01

Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	34.4	26.2	39.4
87	13.8	11.5	17.3

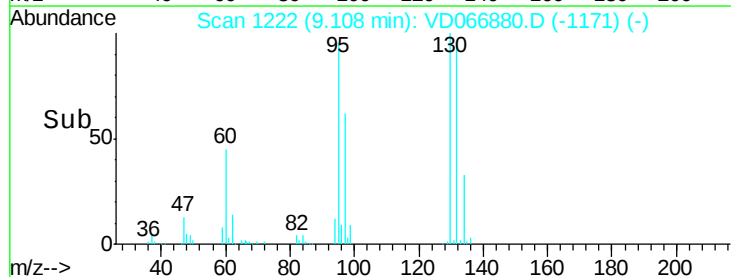
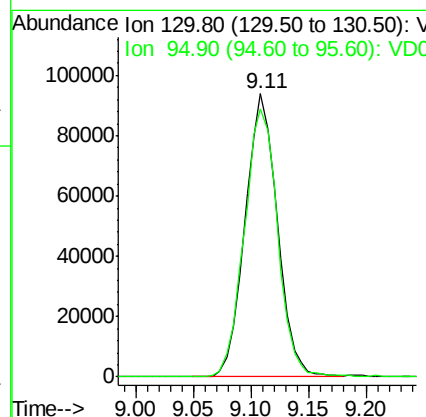
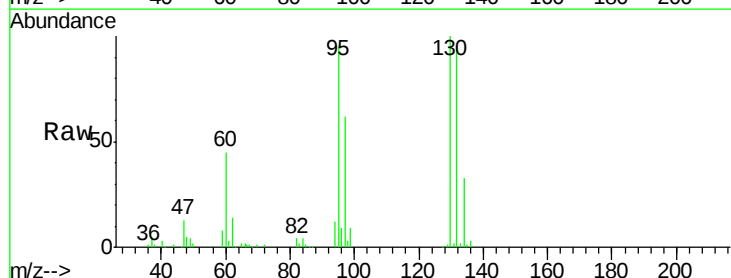
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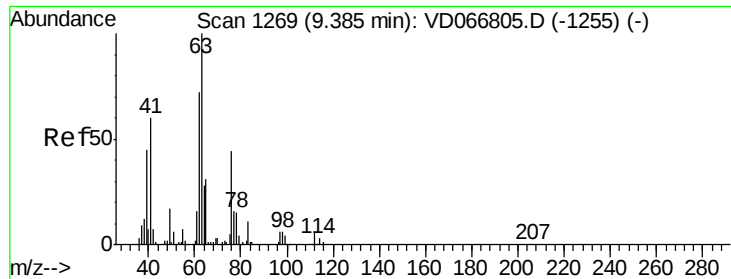
MMDadoda
9/29/2020 11:45:23 AM



#44
Trichloroethene
Concen: 44.391 ug/l
RT: 9.11 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VD066880.D
Acq: 25 Sep 2020 18:01

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.8	0.0	197.0





#45

1,2-Dichloropropane

Concen: 50.140 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Instrument :

MSVOA_D

ClientSampleId :

B-2(4-5)MS

Tot Ion: 63 Resp: 181954

Ion Ratio Lower Upper

63 100

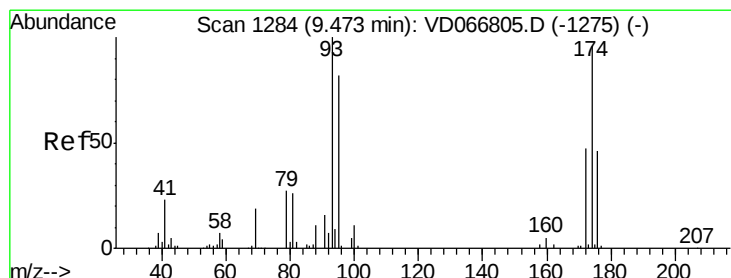
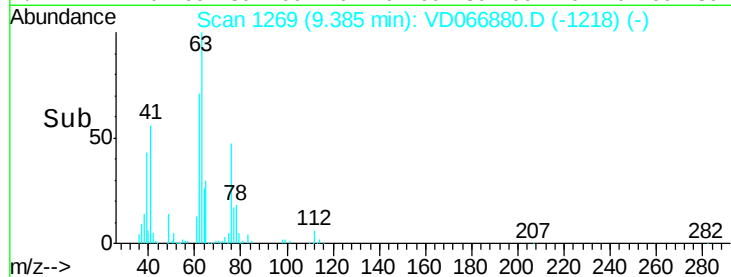
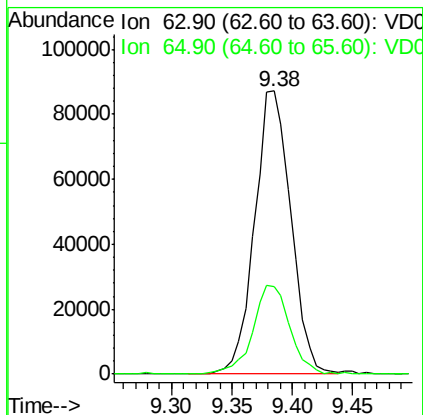
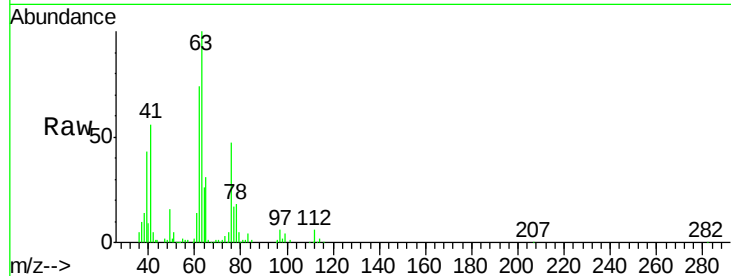
65 30.7 24.7 37.1

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#46

Dibromomethane

Concen: 50.267 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.01 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

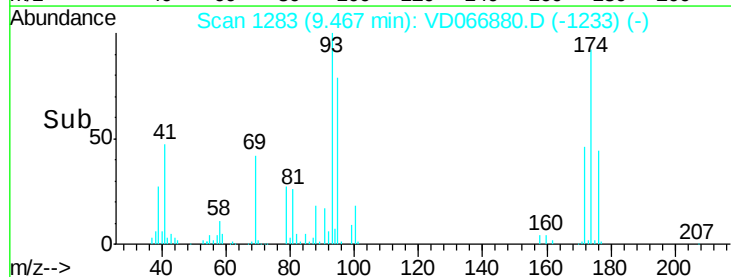
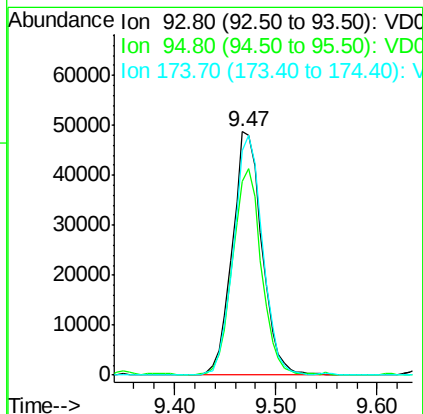
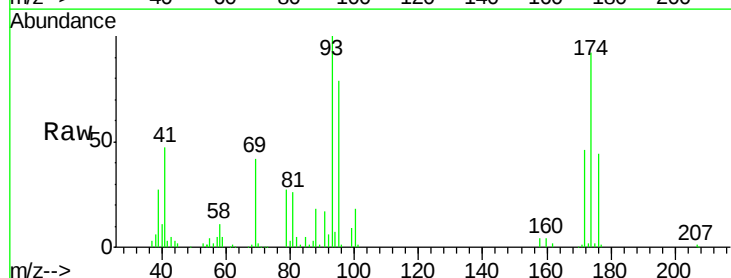
Tgt Ion: 93 Resp: 99111

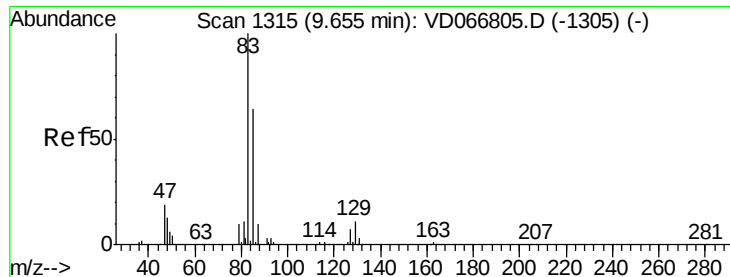
Ion Ratio Lower Upper

93 100

95 82.5 65.3 97.9

174 95.8 75.4 113.2





#47

Bromodichloromethane

Concen: 51.088 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Instrument :

MSVOA_D

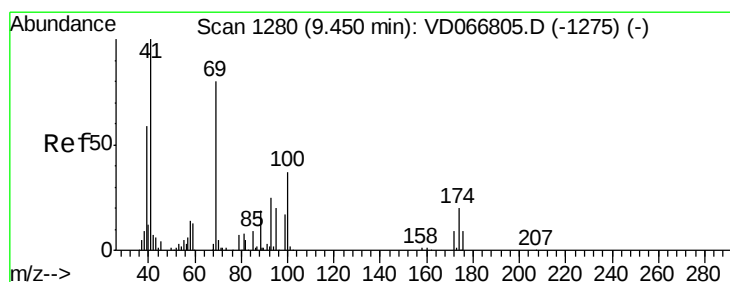
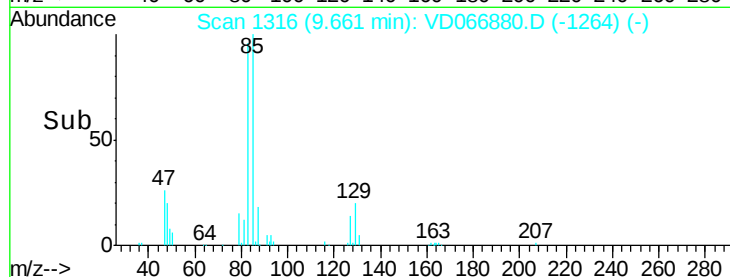
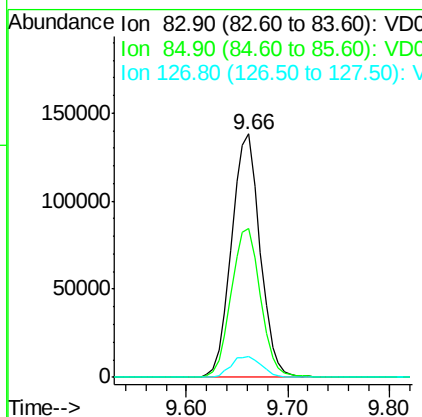
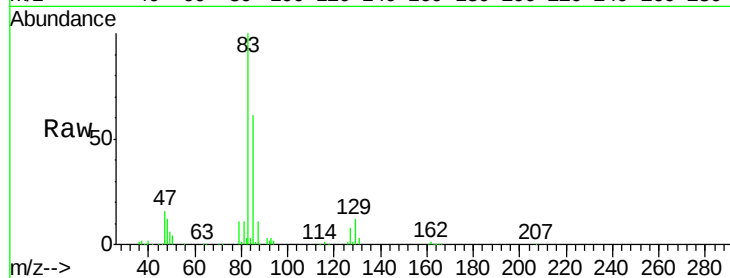
ClientSampleId :

B-2(4-5)MS

Tot Ion:	83	Resp:	270591
Ion Ratio	Lower	Upper	
83	100		
85	61.4	50.9	76.3
127	8.3	5.9	8.9

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#48

Methyl methacrylate

Concen: 53.071 ug/l

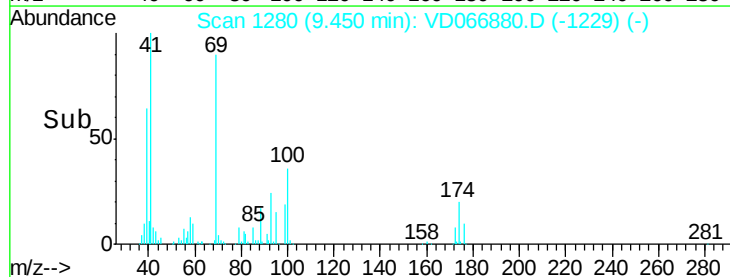
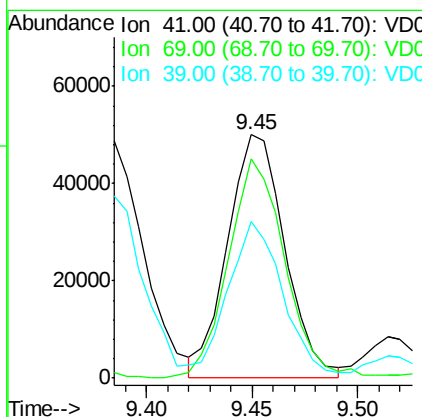
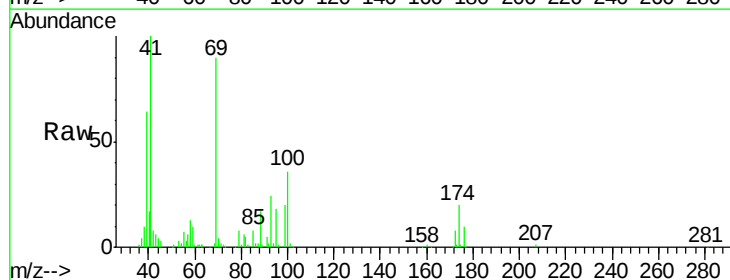
RT: 9.45 min Scan# 1280

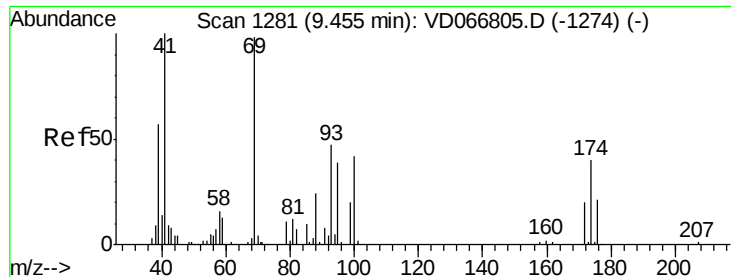
Delta R.T. -0.00 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Tgt Ion:	41	Resp:	94381
Ion Ratio	Lower	Upper	
41	100		
69	89.0	74.5	111.7
39	62.1	47.0	70.6





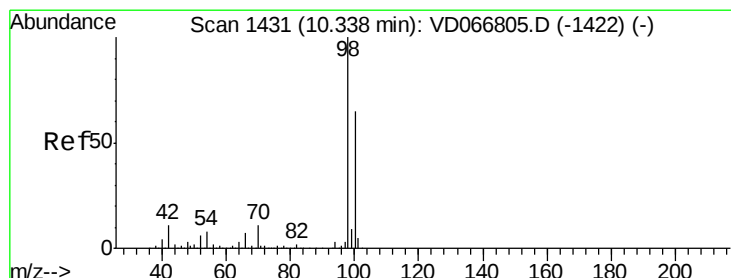
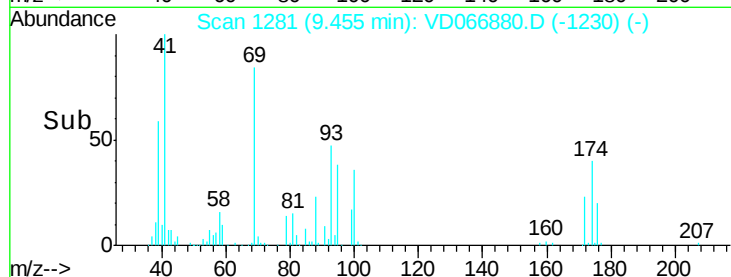
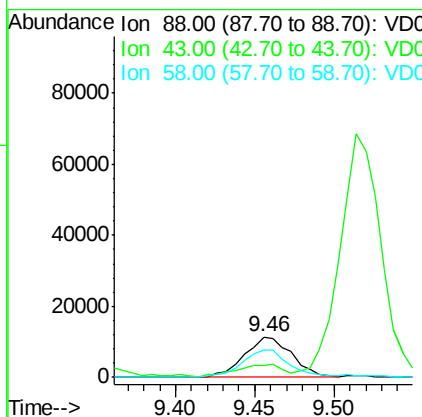
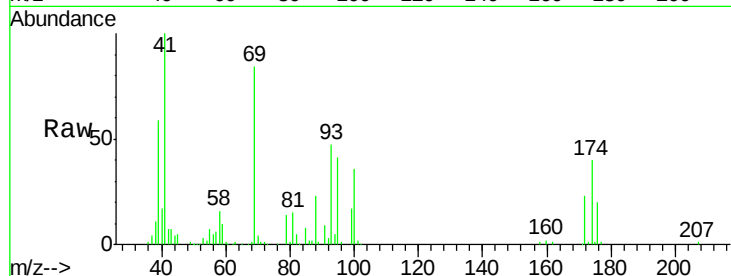
#49
1,4-Dioxane
Concen: 1057.753 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD066880.D
Acq: 25 Sep 2020 18:01

Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.0	27.7	41.5
58	68.2	55.5	83.3

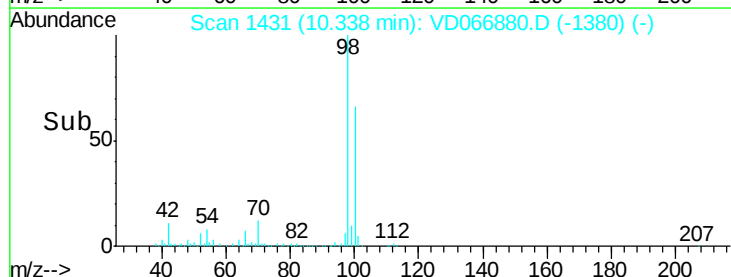
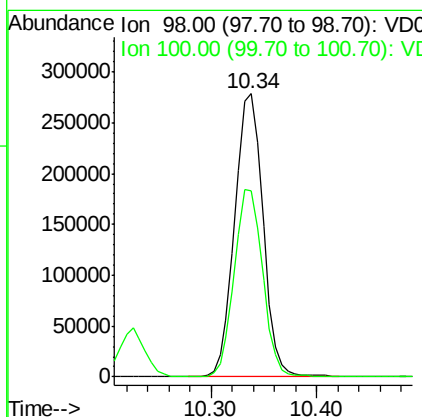
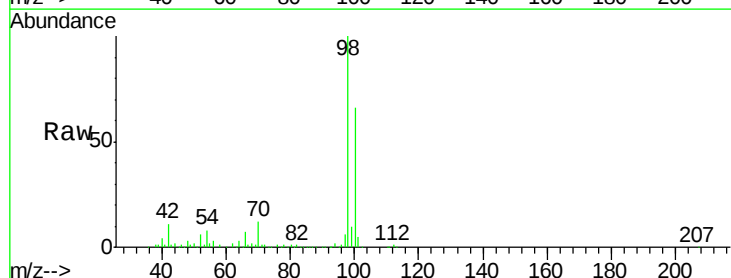
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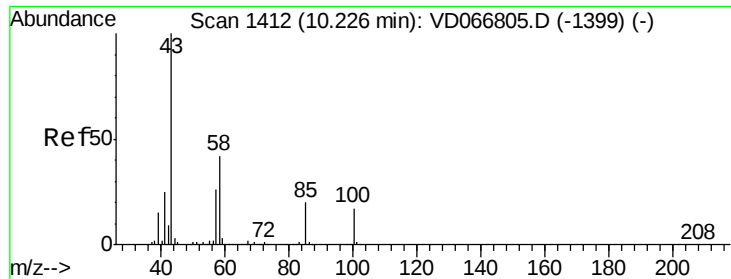
MMDadoda
9/29/2020 11:45:23 AM



#50
Toluene-d8
Concen: 45.816 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066880.D
Acq: 25 Sep 2020 18:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 251.324 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Instrument :

MSVOA_D

ClientSampleId :

B-2(4-5)MS

Tot Ion: 43 Resp: 459338

Ion Ratio Lower Upper

43 100

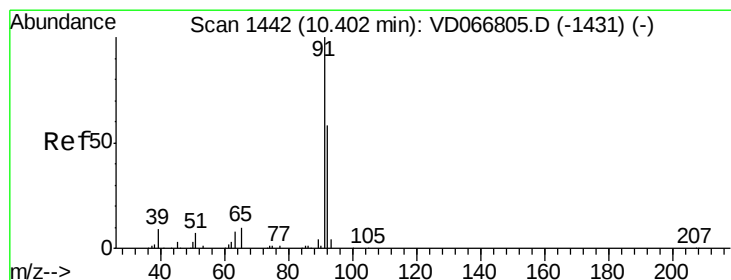
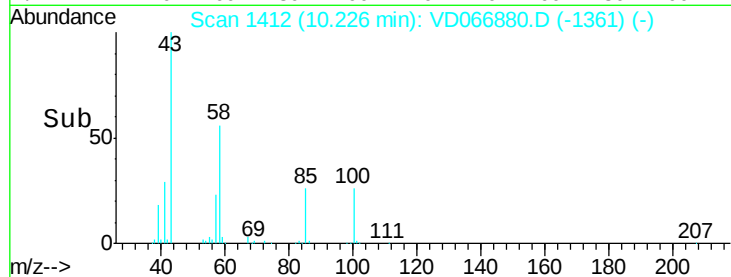
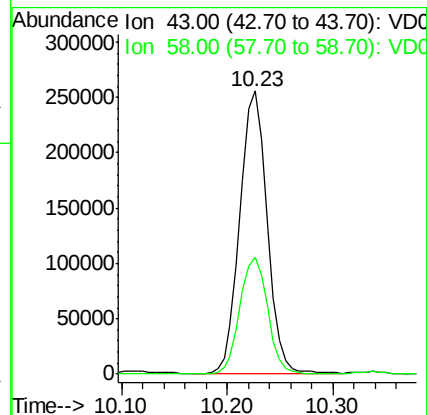
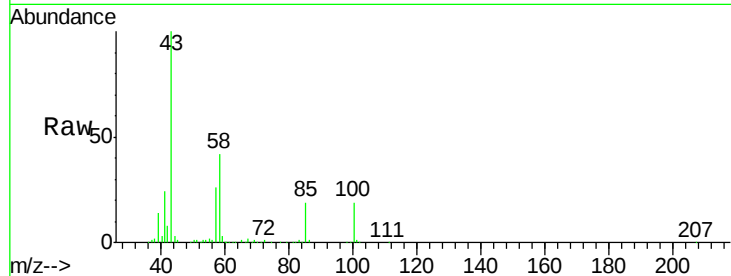
58 42.1 32.2 48.4

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#52

Toluene

Concen: 47.715 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066880.D

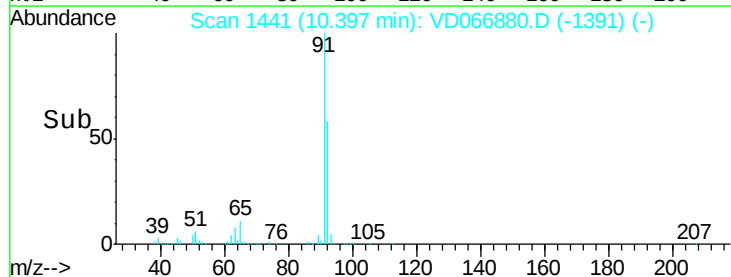
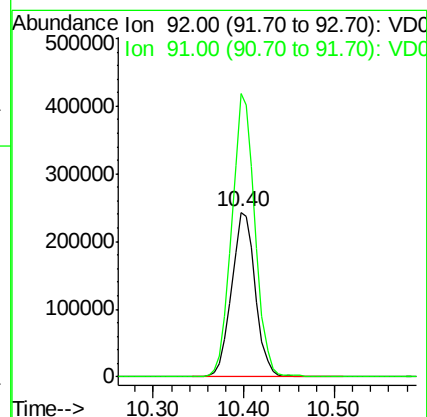
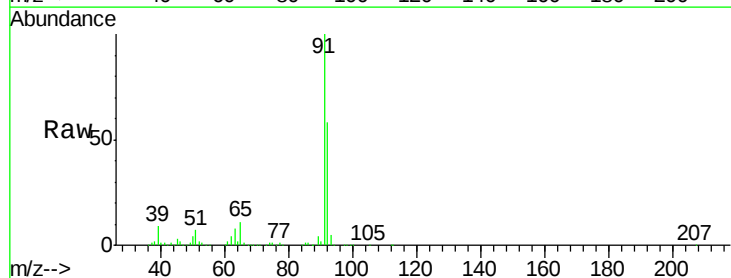
Acq: 25 Sep 2020 18:01

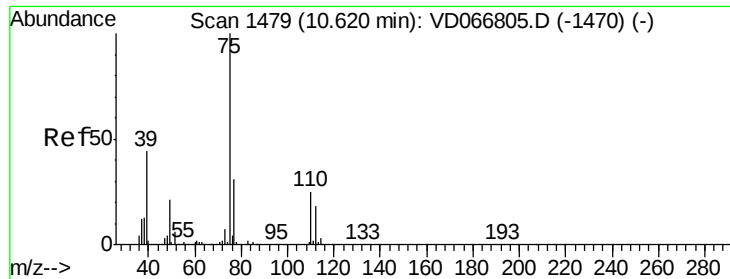
Tgt Ion: 92 Resp: 443294

Ion Ratio Lower Upper

92 100

91 167.9 134.6 202.0





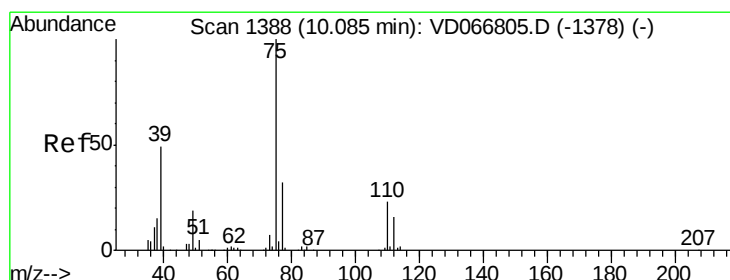
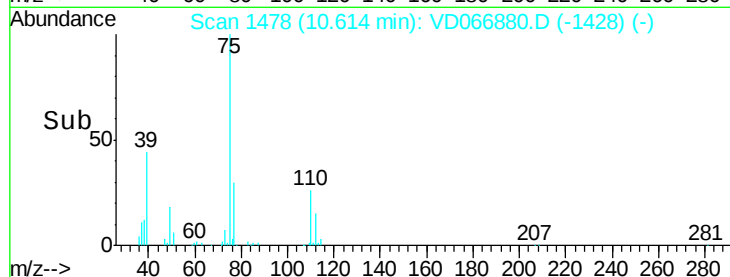
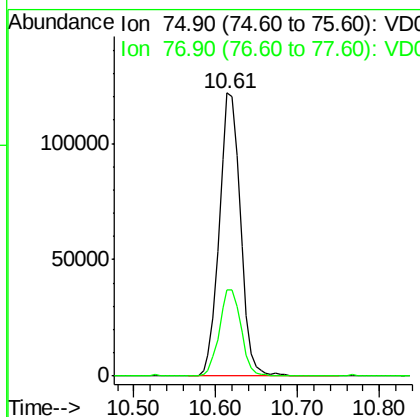
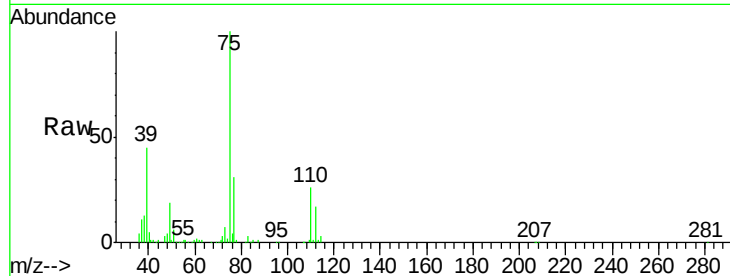
#53
t-1,3-Dichloropropene
Concen: 48.899 ug/l
RT: 10.61 min Scan# 1478
Delta R.T. -0.01 min
Lab File: VD066880.D
Acq: 25 Sep 2020 18:01

Instrument :
MSVOA_D
ClientSampled :
B-2(4-5)MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.6	24.5	36.7

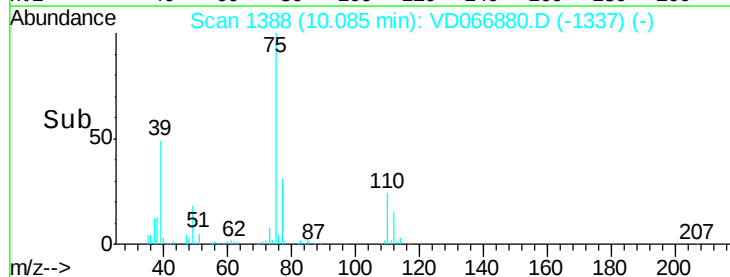
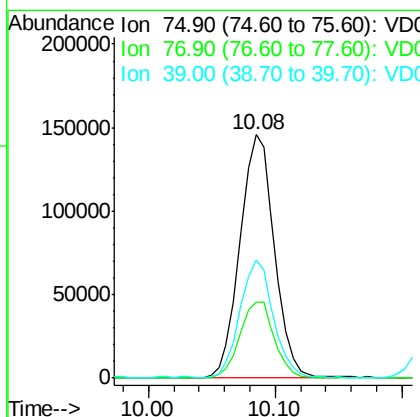
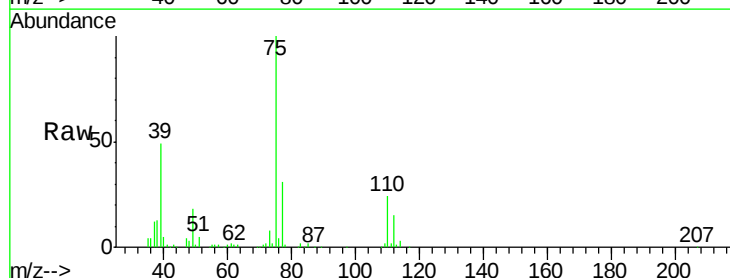
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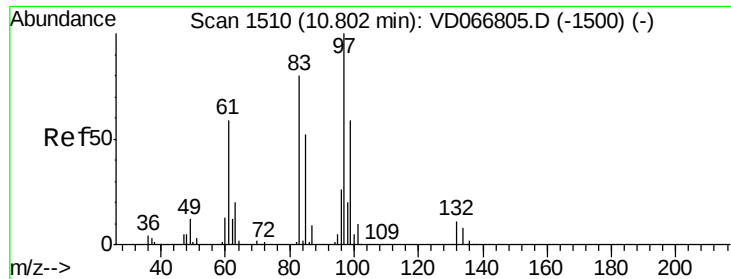
MMDadoda
9/29/2020 11:45:23 AM



#54
cis-1,3-Dichloropropene
Concen: 50.014 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VD066880.D
Acq: 25 Sep 2020 18:01

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.6	38.4
39	48.2	39.2	58.8





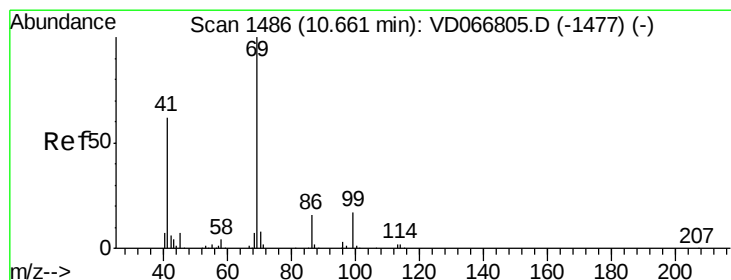
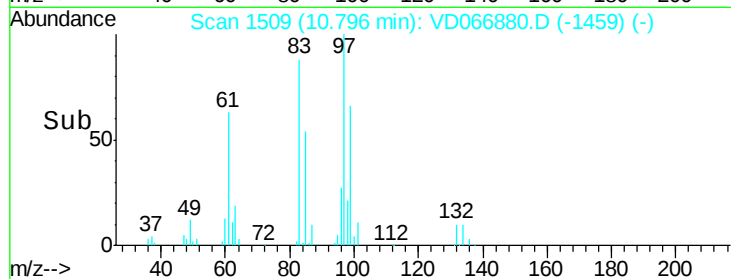
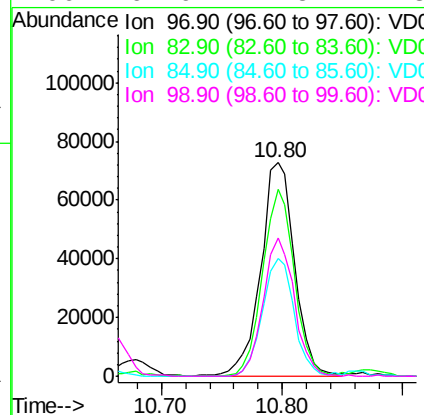
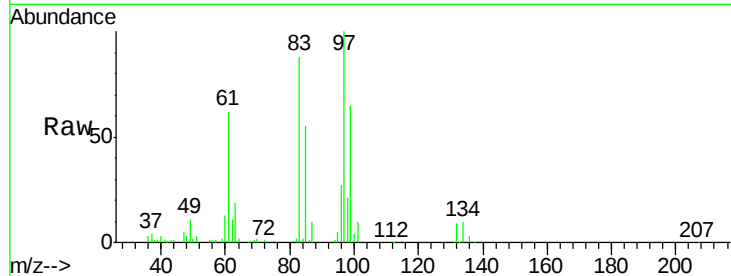
#55
 1,1,2-Trichloroethane
 Concen: 52.651 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066880.D
 Acq: 25 Sep 2020 18:01

Instrument :
 MSVOA_D
 ClientSampled :
 B-2(4-5)MS

Tot Ion:	97	Resp:	142709
Ion	Ratio	Lower	Upper
97	100		
83	87.8	64.2	96.2
85	55.0	41.9	62.9
99	64.9	47.5	71.3

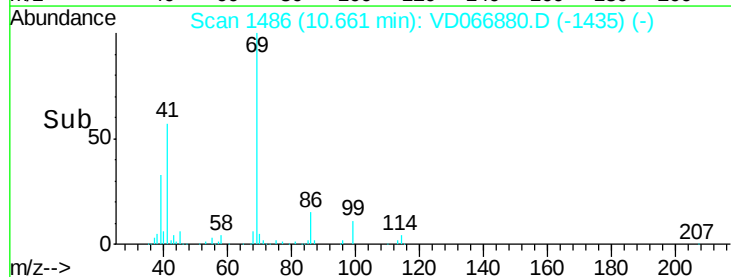
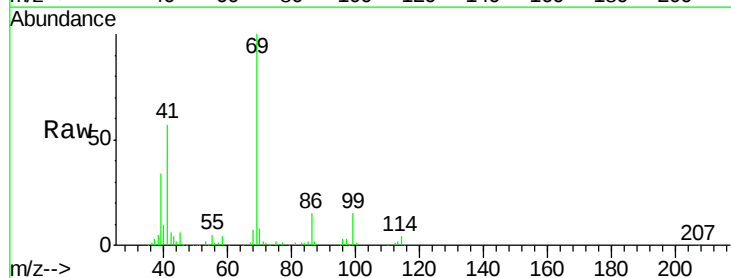
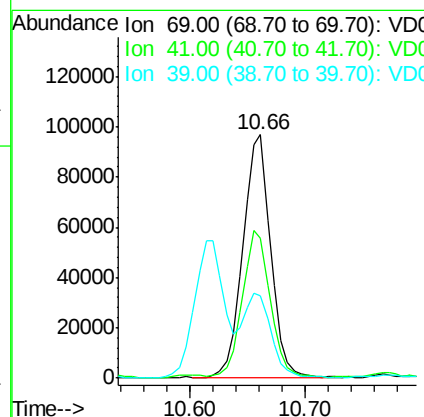
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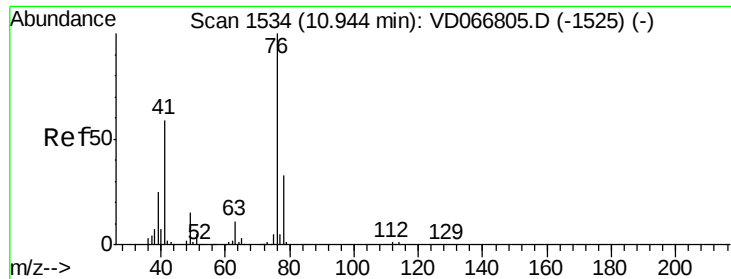
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#56
 Ethyl methacrylate
 Concen: 55.357 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD066880.D
 Acq: 25 Sep 2020 18:01

Tgt Ion:	69	Resp:	160740
Ion	Ratio	Lower	Upper
69	100		
41	60.5	52.2	78.2
39	35.3	26.6	40.0





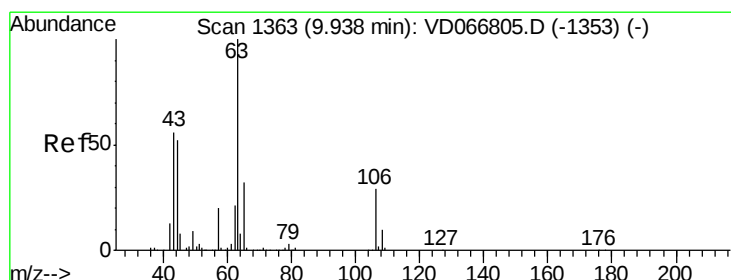
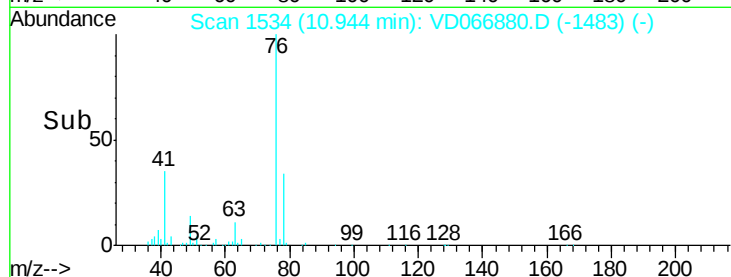
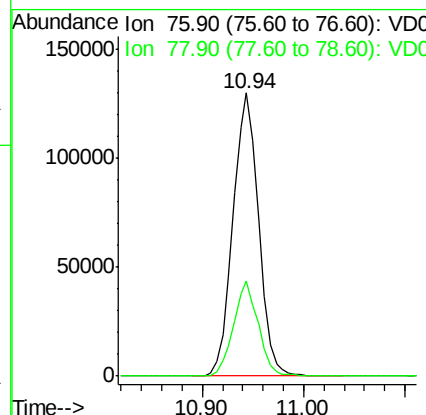
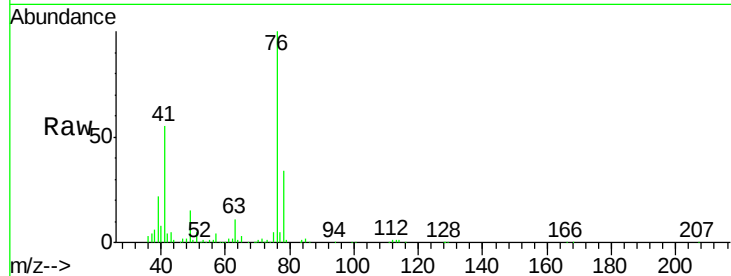
#57
 1,3-Dichloropropane
 Concen: 50.734 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066880.D
 Acq: 25 Sep 2020 18:01

Instrument :
 MSVOA_D
 ClientSampleId :
 B-2(4-5)MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.3	39.5

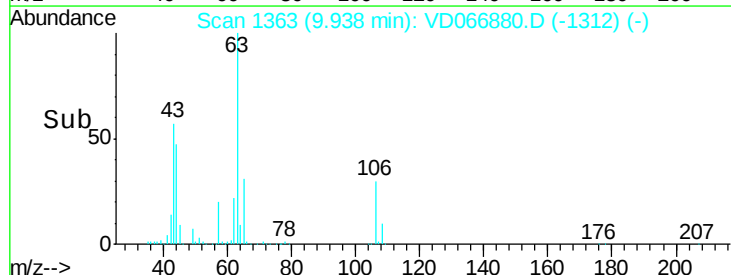
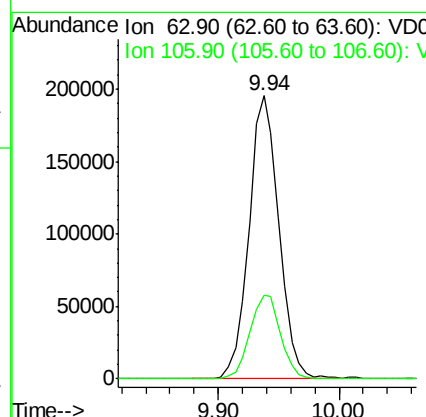
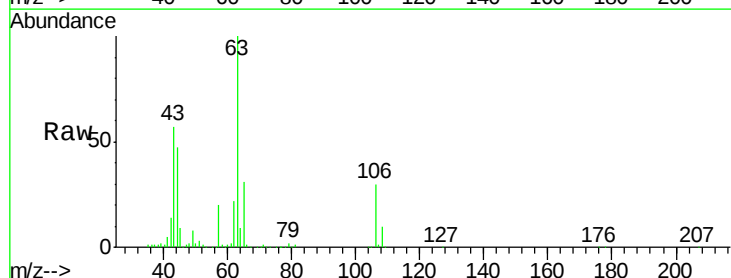
Manual Integrations
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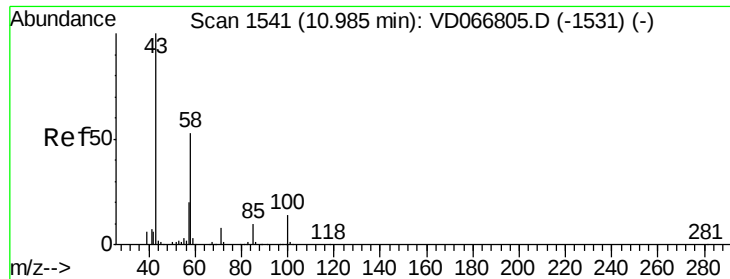
MMDadoda
 9/29/2020 11:45:23 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 246.119 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066880.D
 Acq: 25 Sep 2020 18:01

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.2	23.8	35.6





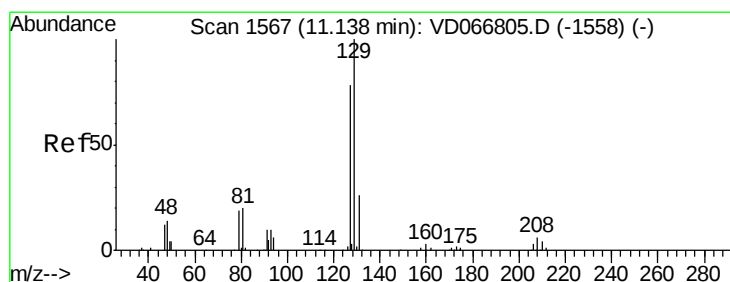
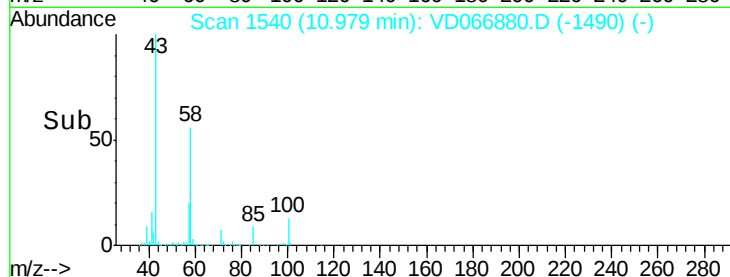
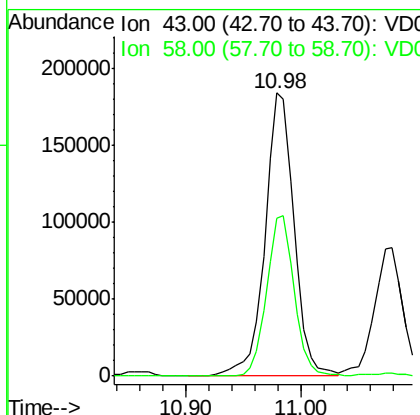
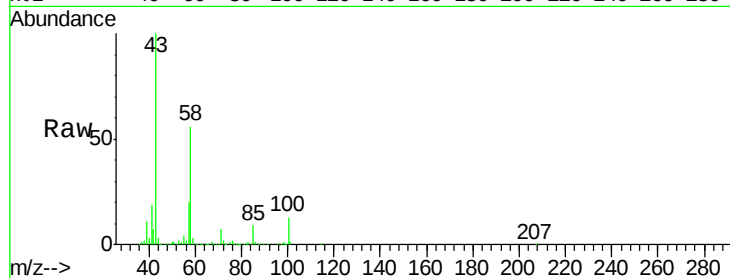
#59
2-Hexanone
Concen: 262.494 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066880.D
Acq: 25 Sep 2020 18:01

Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)MS

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.8	27.0	80.8

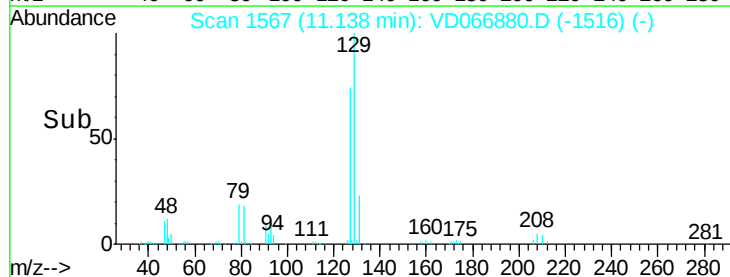
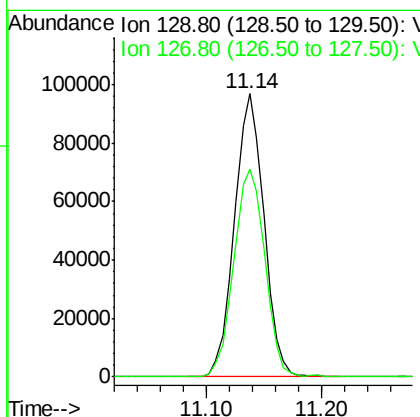
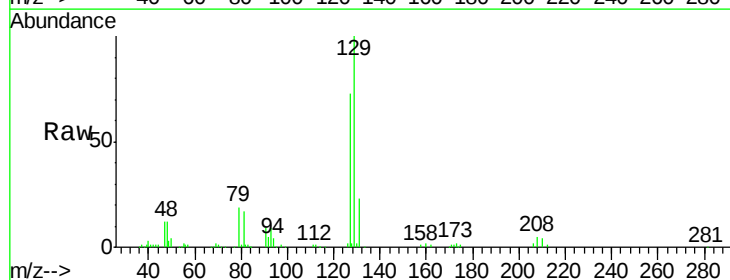
Manual Integrations
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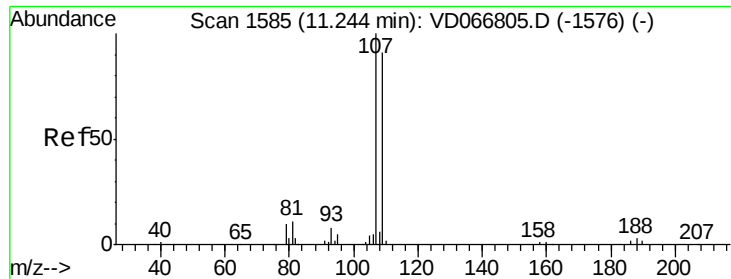
MMDadoda
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#60
Dibromochloromethane
Concen: 48.585 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066880.D
Acq: 25 Sep 2020 18:01

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.2	38.6	116.0





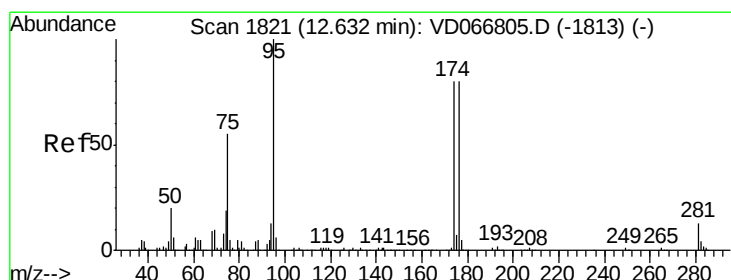
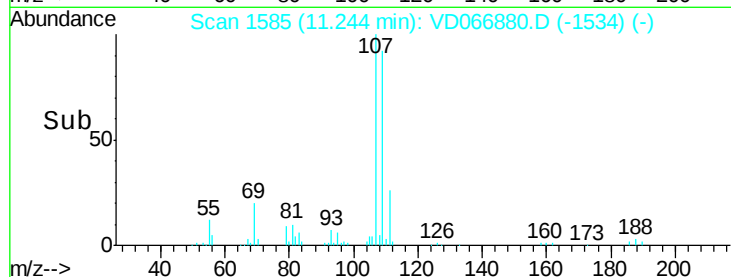
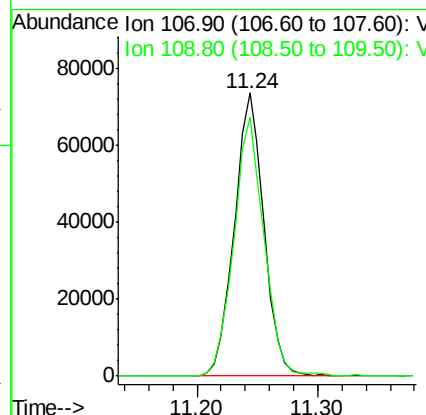
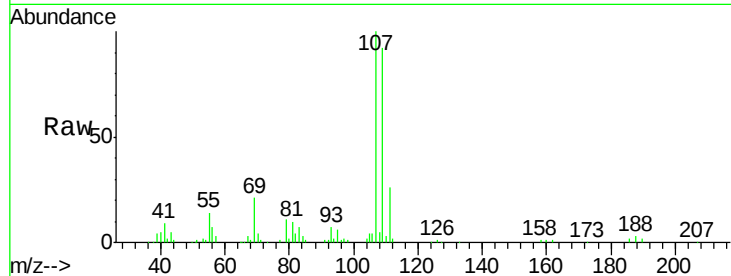
#61
 1,2-Dibromoethane
 Concen: 49.530 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066880.D
 Acq: 25 Sep 2020 18:01

Instrument :
 MSVOA_D
 ClientSampleId :
 B-2(4-5)MS

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.9	75.0	112.4

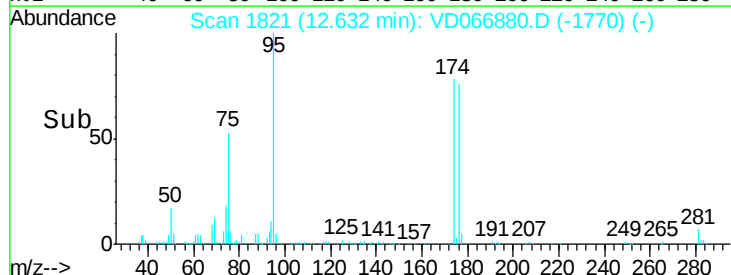
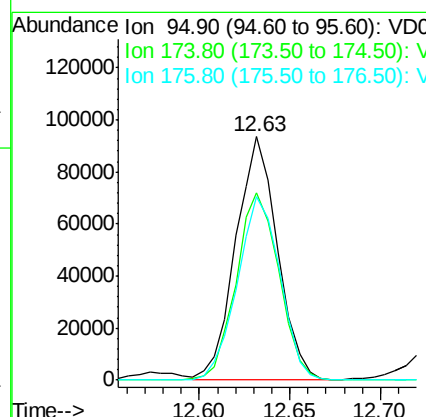
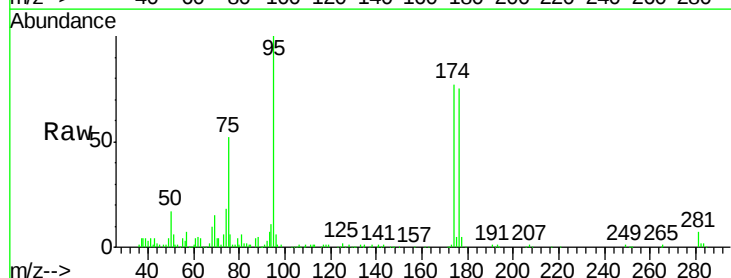
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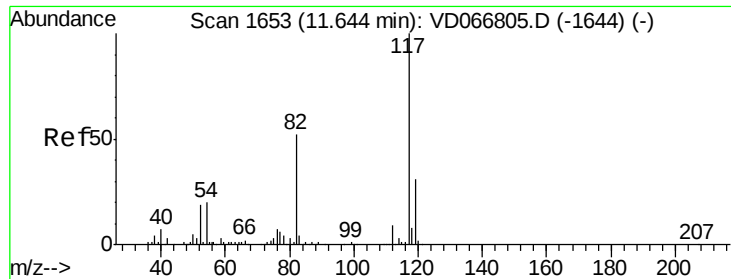
MMDadoda
 9/29/2020 11:45:23 AM



#62
 4-Bromofluorobenzene
 Concen: 38.219 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066880.D
 Acq: 25 Sep 2020 18:01

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.9	0.0	159.8
176	77.9	0.0	154.4





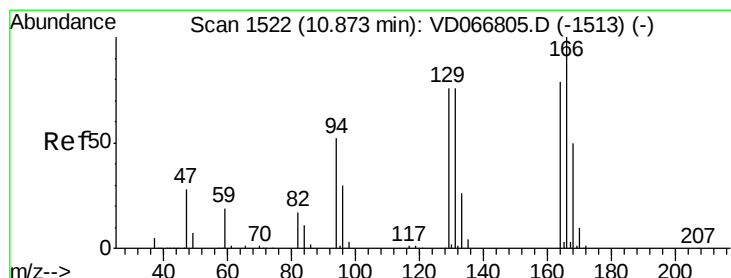
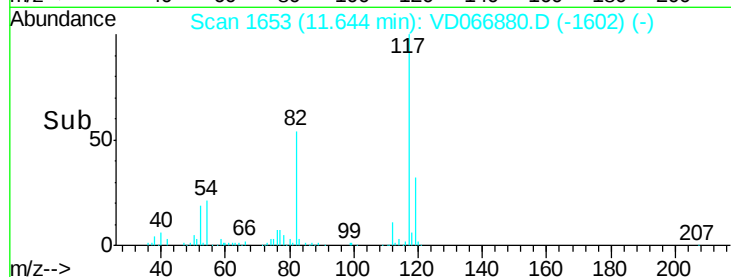
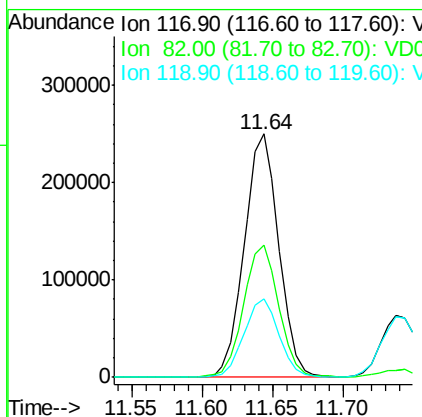
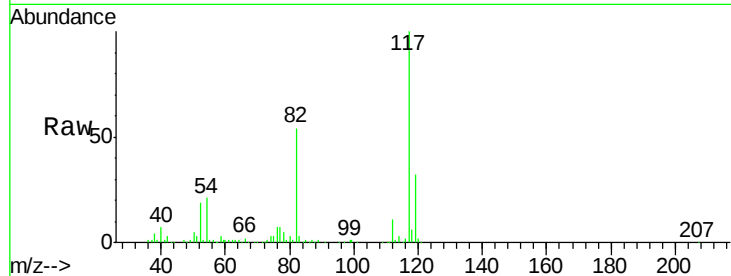
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066880.D
Acq: 25 Sep 2020 18:01

Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)MS

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	41.8	62.6
119	32.0	24.6	37.0

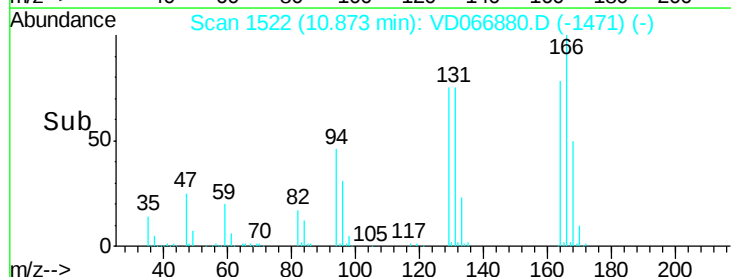
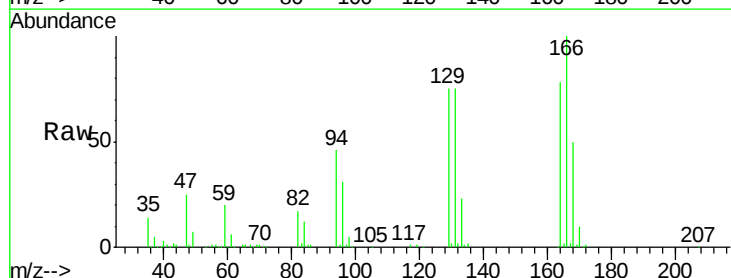
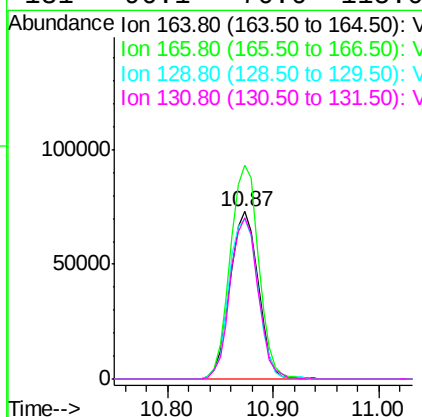
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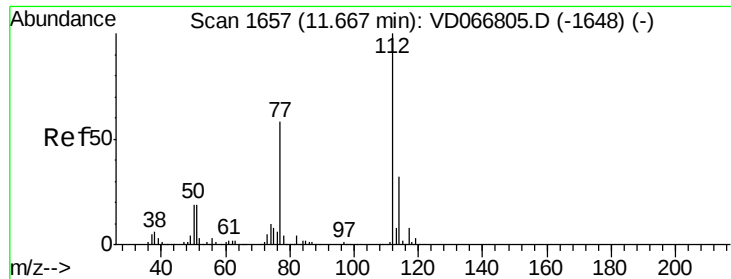
MMDadoda
9/29/2020 11:45:23 AM



#64
Tetrachloroethene
Concen: 44.011 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066880.D
Acq: 25 Sep 2020 18:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.4	101.1	151.7
129	95.8	77.0	115.4
131	96.1	76.6	115.0





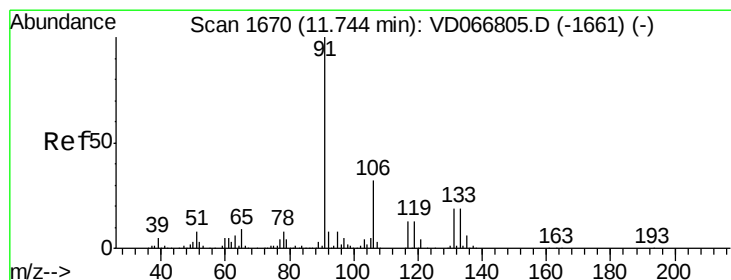
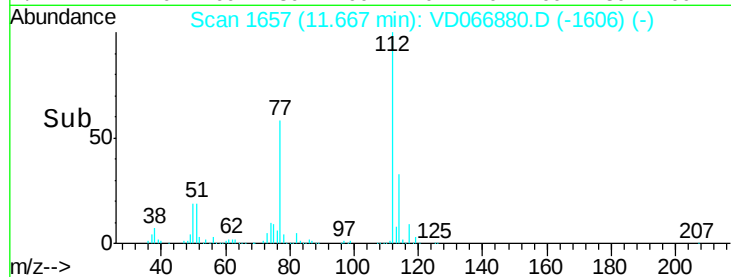
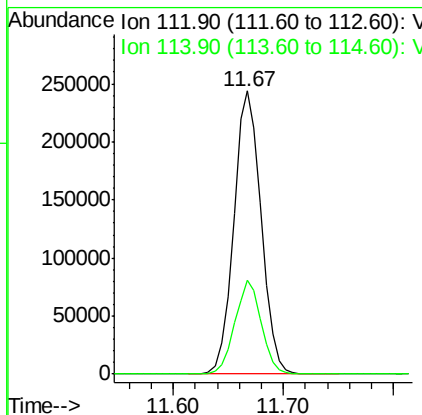
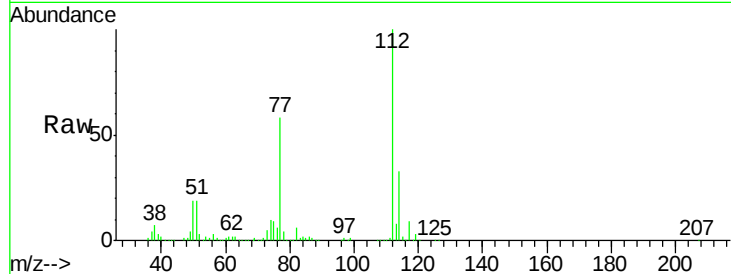
#65
Chlorobenzene
Concen: 47.491 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066880.D
Acq: 25 Sep 2020 18:01

Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)MS

Tot Ion:112 Resp: 422408
Ion Ratio Lower Upper
112 100
114 33.2 25.4 38.2

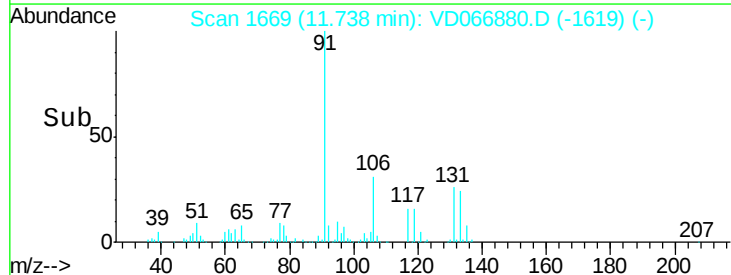
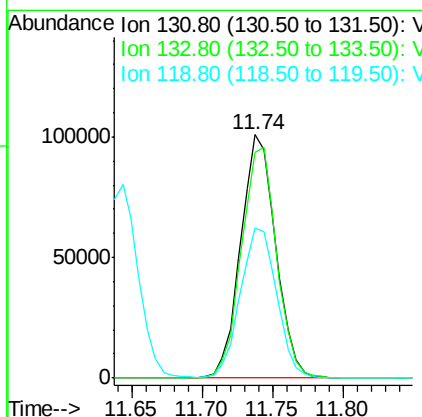
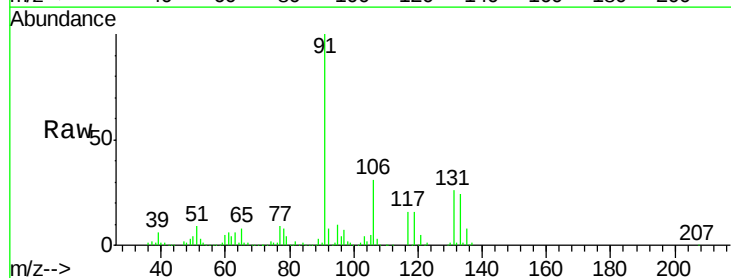
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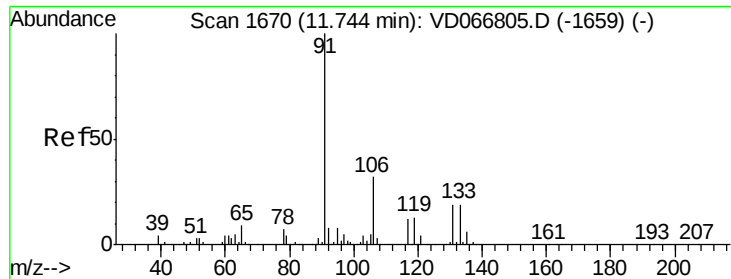
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.245 ug/l
RT: 11.74 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VD066880.D
Acq: 25 Sep 2020 18:01

Tgt Ion:131 Resp: 175874
Ion Ratio Lower Upper
131 100
133 95.3 46.7 140.1
119 64.2 32.3 96.9





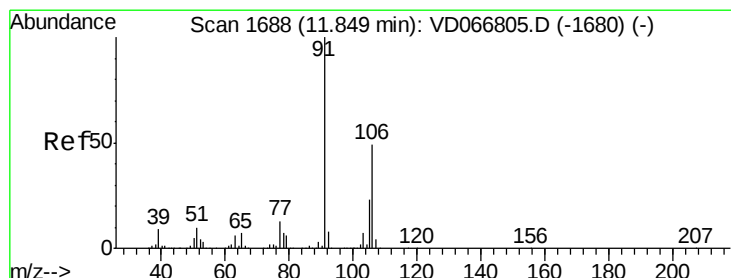
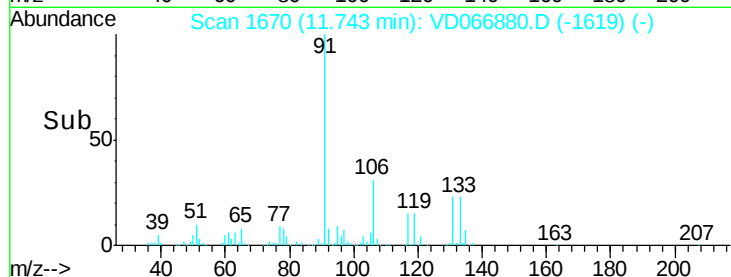
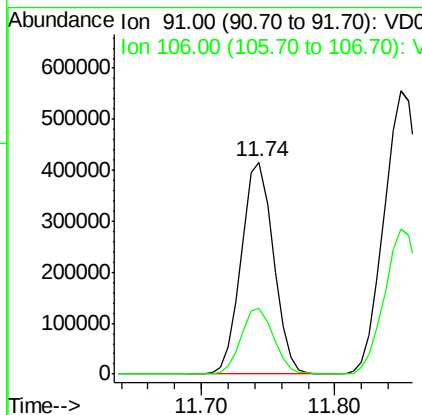
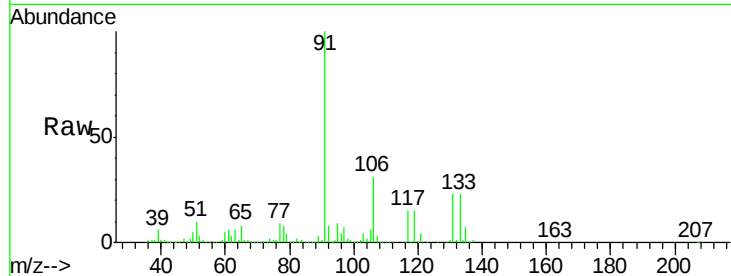
#67
Ethyl Benzene
Concen: 44.532 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066880.D
Acq: 25 Sep 2020 18:01

Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)MS

Tot Ion: 91 Resp: 695654
Ion Ratio Lower Upper
91 100
106 30.8 25.6 38.4

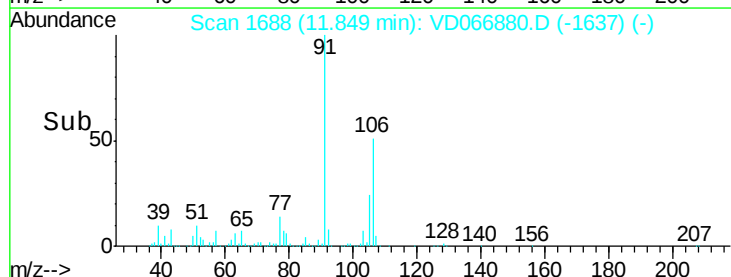
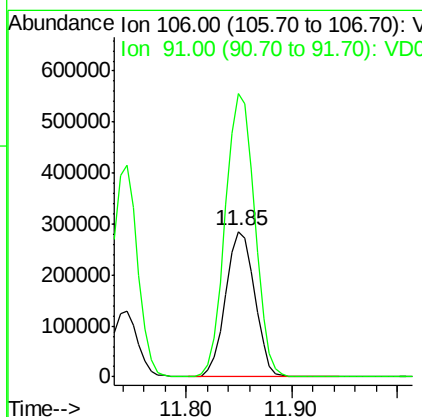
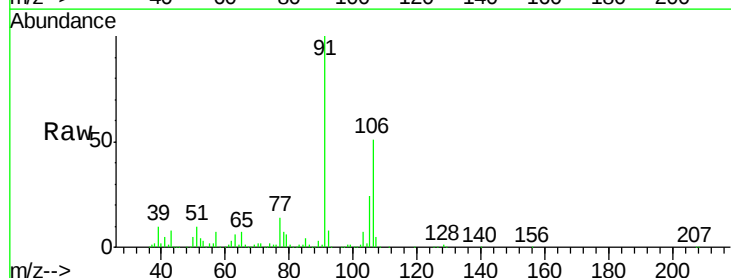
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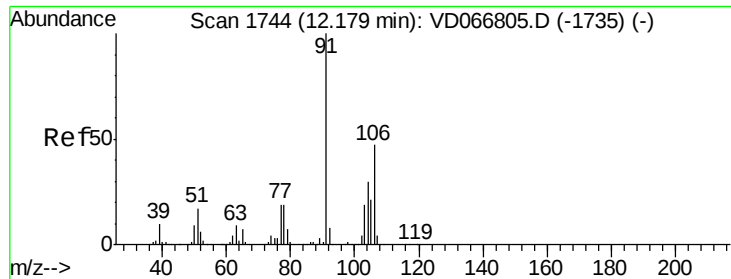
MMDadoda
9/29/2020 11:45:23 AM



#68
m/p-Xylenes
Concen: 91.690 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066880.D
Acq: 25 Sep 2020 18:01

Tgt Ion: 106 Resp: 542300
Ion Ratio Lower Upper
106 100
91 197.3 160.7 241.1





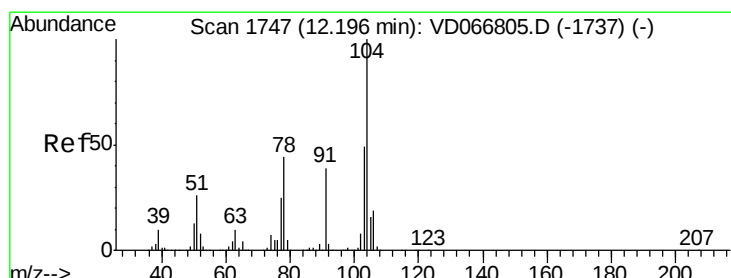
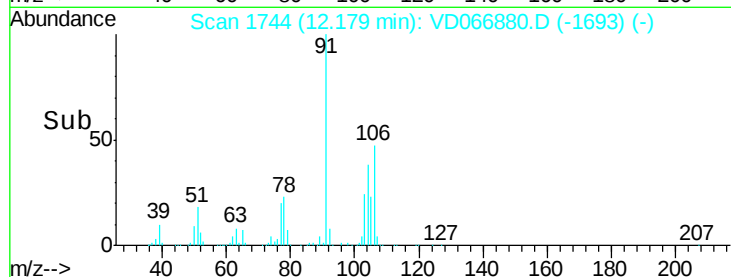
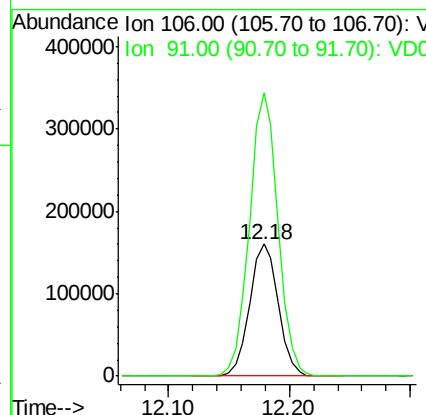
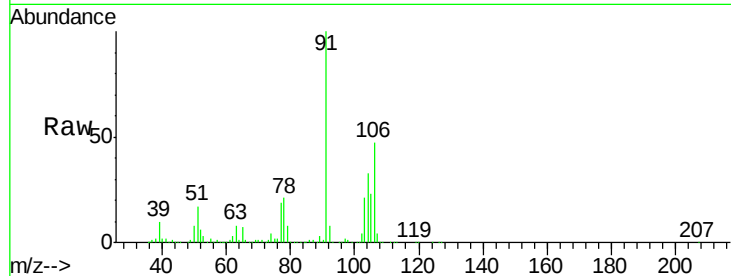
#69
o-Xylene
Concen: 49.547 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066880.D
Acq: 25 Sep 2020 18:01

Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	264980		
91	91	213.5	106.3	318.8	

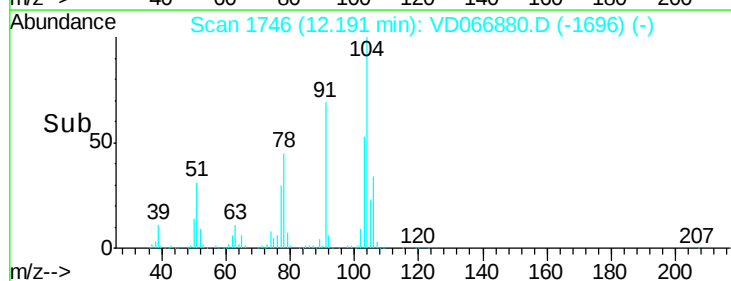
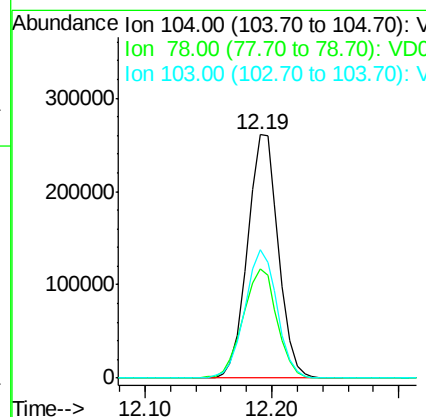
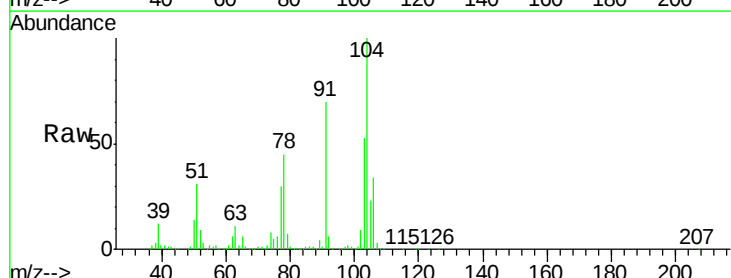
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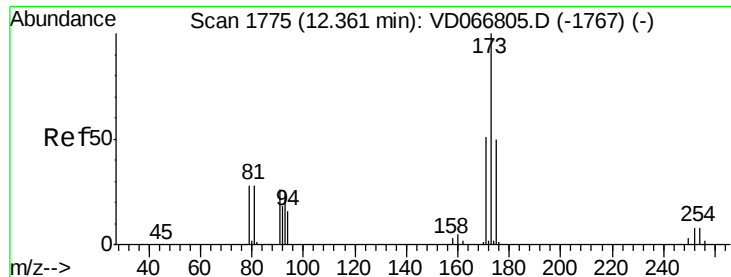
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#70
Styrene
Concen: 47.506 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066880.D
Acq: 25 Sep 2020 18:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	441218		
78	78	49.1	38.9	58.3	
103	103	55.0	43.2	64.8	





#71

Bromoform

Concen: 51.305 ug/l

RT: 12.36 min Scan# 1774

Delta R.T. -0.01 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Instrument :

MSVOA_D

ClientSampleId :

B-2(4-5)MS

Tot Ion:173 Resp: 87445

Ion Ratio Lower Upper

173 100

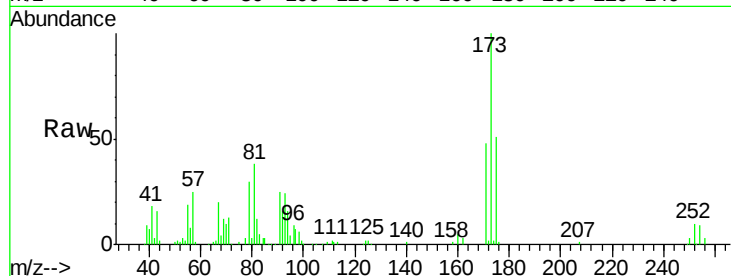
175 48.3 24.9 74.6

254 0.0 0.1 0.1#

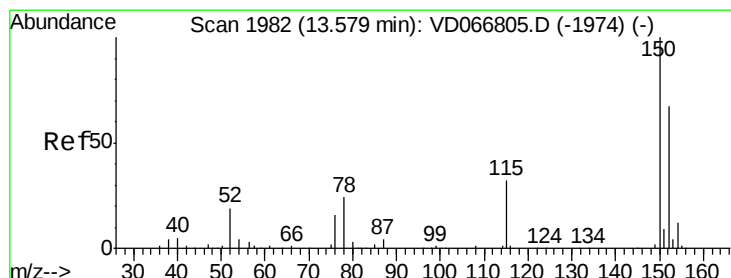
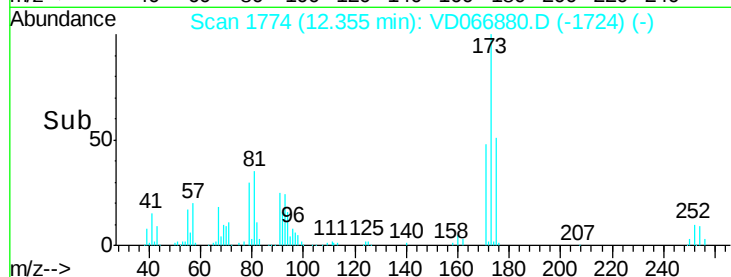
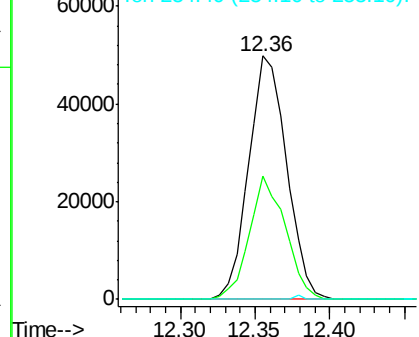
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

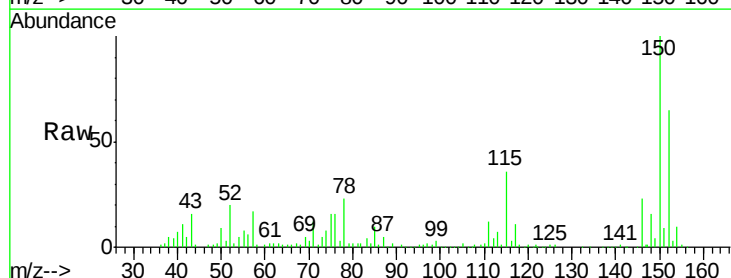
Tgt Ion:152 Resp: 138827

Ion Ratio Lower Upper

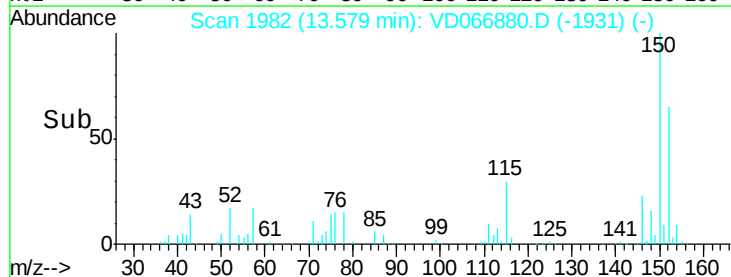
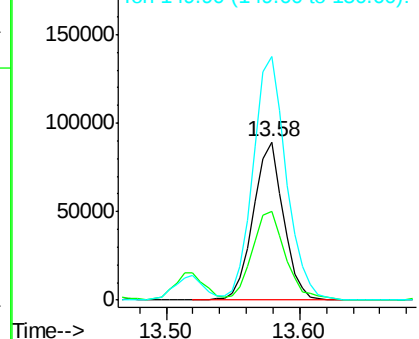
152 100

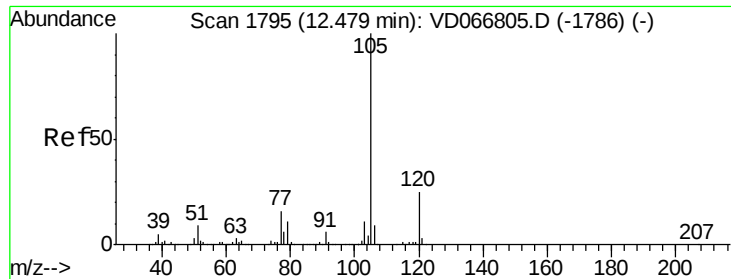
115 62.5 30.3 91.0

150 169.5 0.0 346.2



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





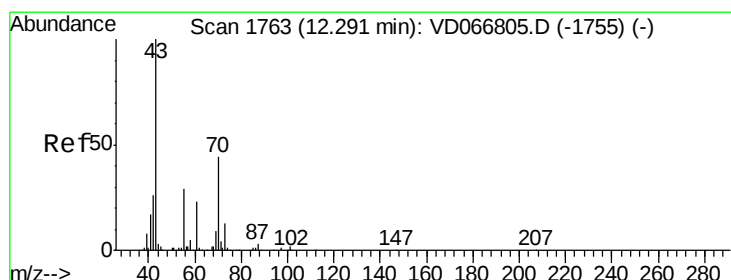
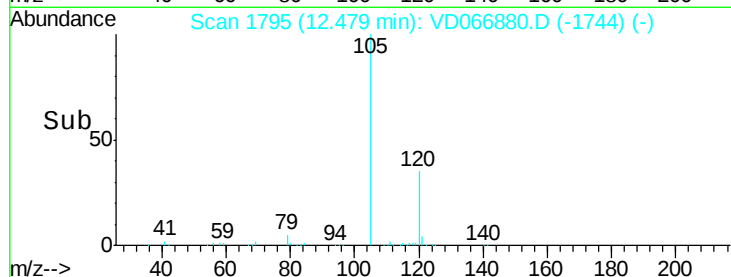
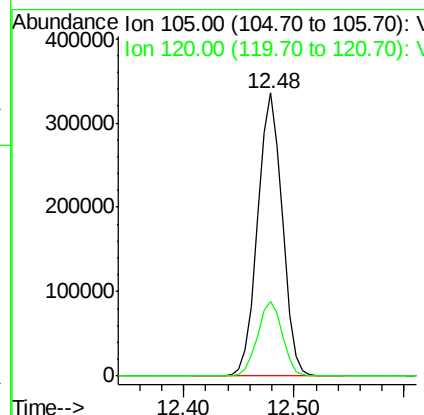
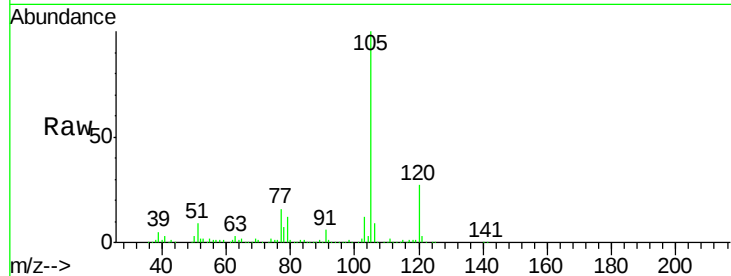
#73
Isopropylbenzene
Concen: 52.549 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VD066880.D
Acq: 25 Sep 2020 18:01

Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.7	12.9	38.6

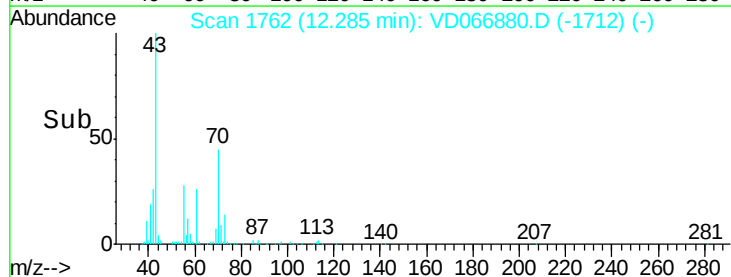
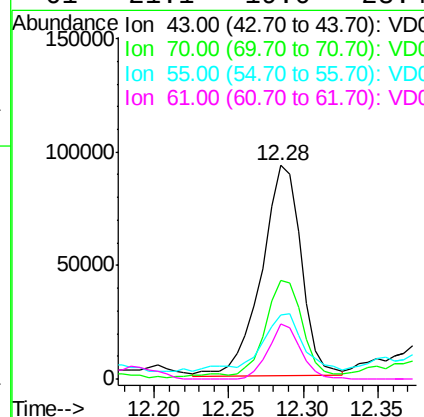
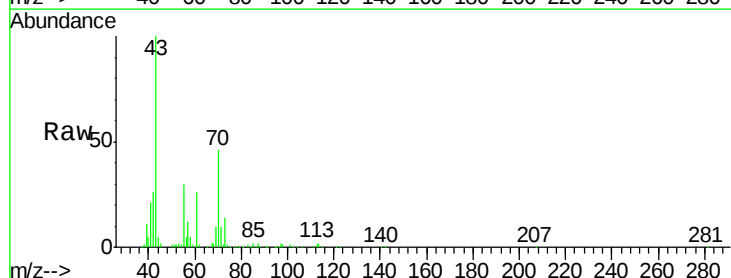
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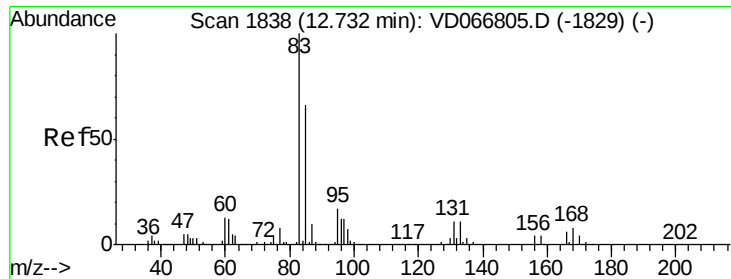
MMDadoda
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#74
N-ethyl acetate
Concen: 88.073 ug/l
RT: 12.28 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VD066880.D
Acq: 25 Sep 2020 18:01

Tgt Ion	Ratio	Lower	Upper
43	100		
70	44.9	36.1	54.1
55	30.4	21.8	32.8
61	21.1	19.0	28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 72.342 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Instrument :

MSVOA_D

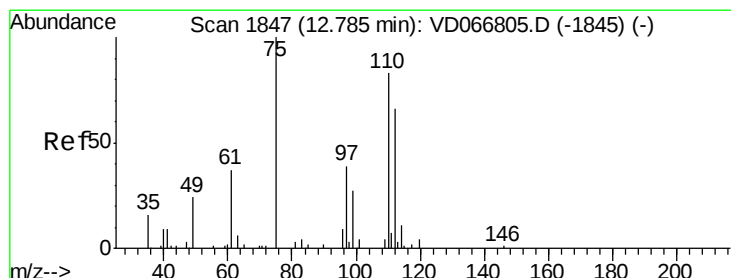
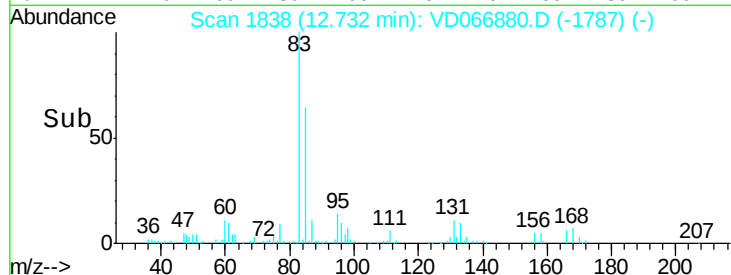
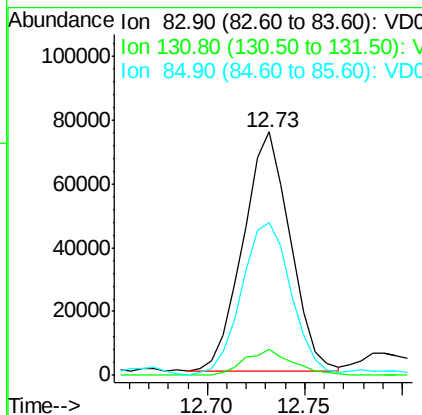
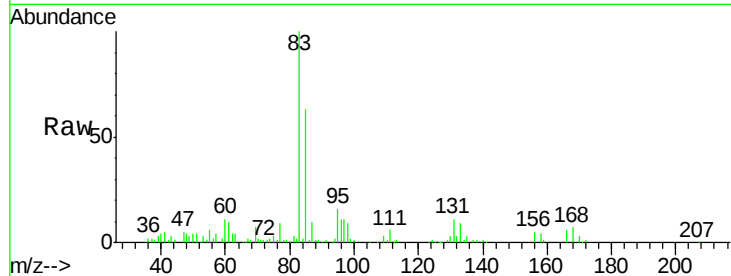
ClientSampled :

B-2(4-5)MS

Tot Ion:	83	Resp:	125190
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.5	16.7
85	66.3	32.1	96.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 67.703 ug/l m

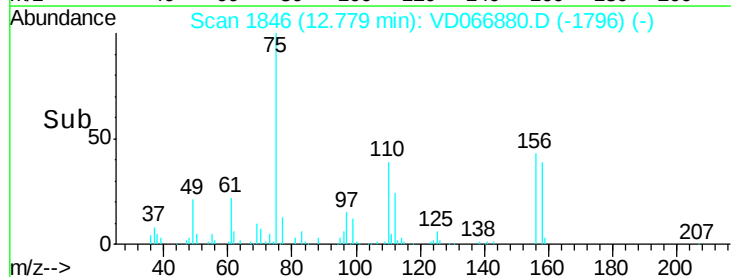
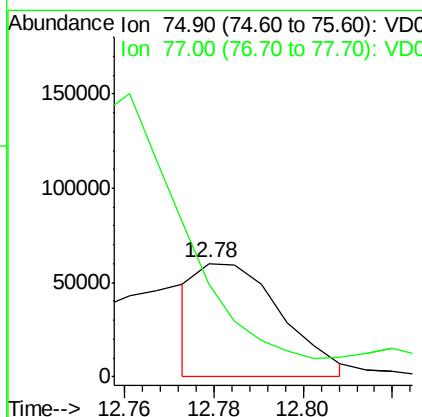
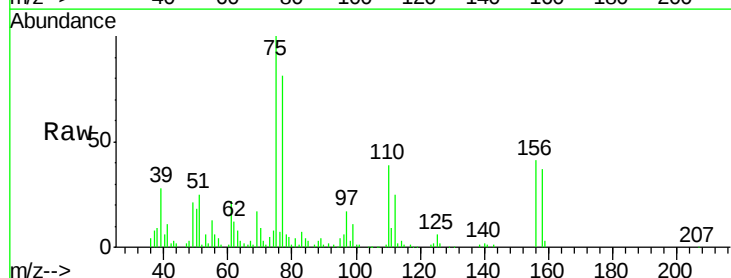
RT: 12.78 min Scan# 1846

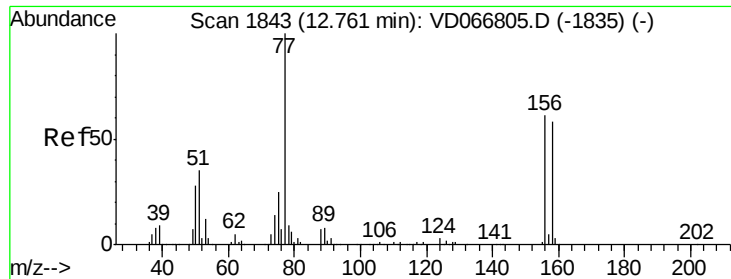
Delta R.T. -0.01 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Tgt Ion:	75	Resp:	77891
Ion Ratio	Lower	Upper	
75	100		
77	359.8	0.0	0.0#





#77

Bromobenzene

Concen: 64.146 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Instrument :

MSVOA_D

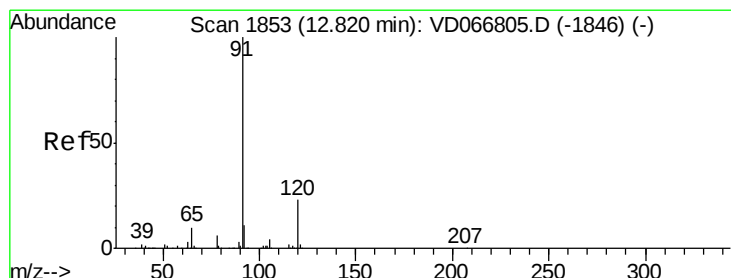
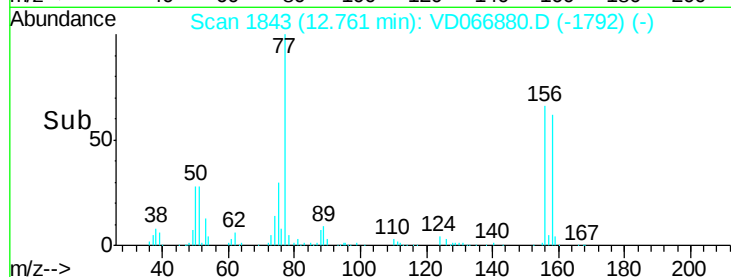
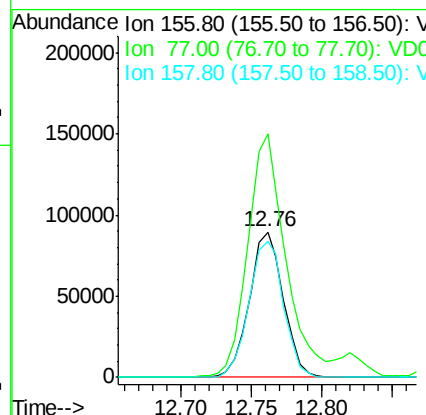
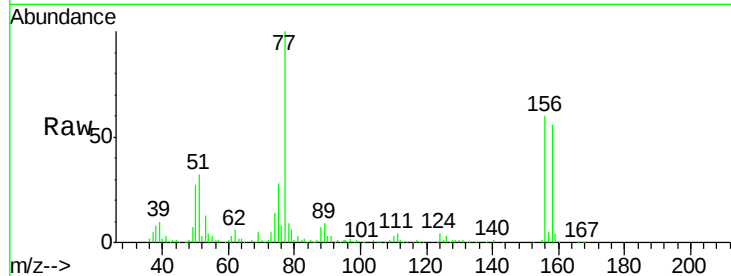
ClientSampleId :

B-2(4-5)MS

Tot Ion	Ratio	Lower	Upper
156	100		
77	186.3	92.3	276.9
158	96.1	47.6	142.9

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#78

n-propylbenzene

Concen: 44.316 ug/l

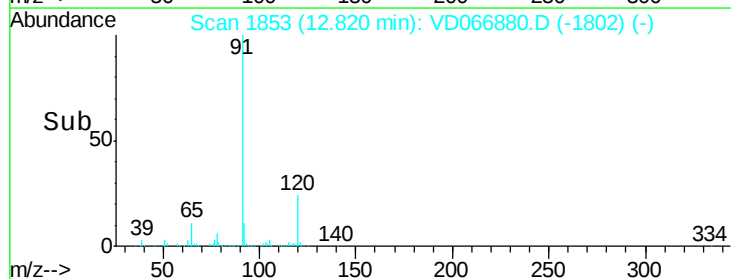
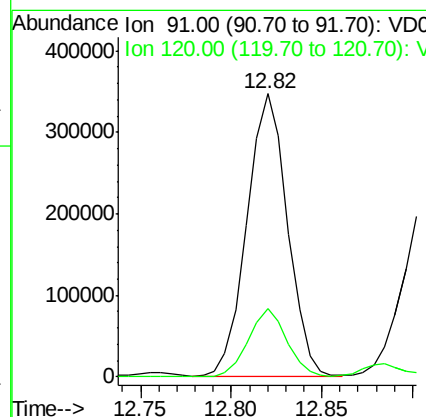
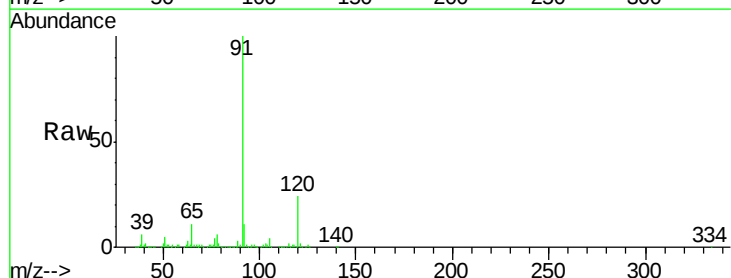
RT: 12.82 min Scan# 1853

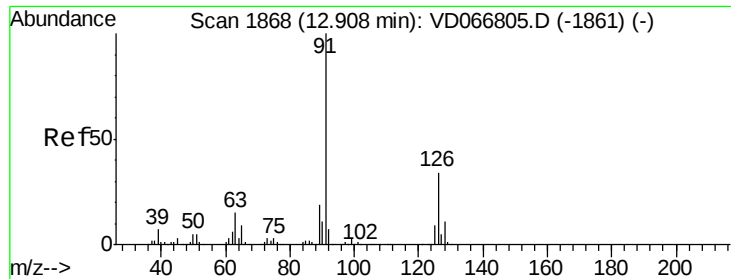
Delta R.T. -0.00 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.4	34.2





#79

2-Chlorotoluene

Concen: 53.074 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Instrument :

MSVOA_D

ClientSampleId :

B-2(4-5)MS

Tot Ion: 91 Resp: 364906

Ion Ratio Lower Upper

91 100

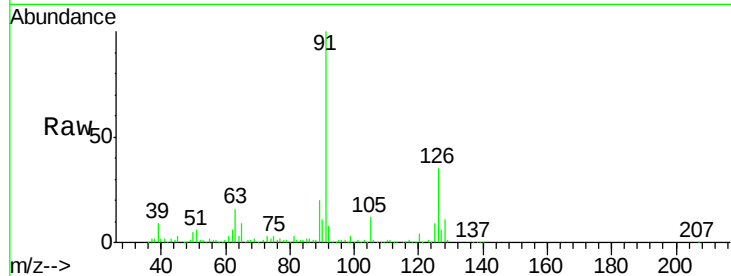
126 33.6 17.0 51.0

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Abundance Ion 91.00 (90.70 to 91.70): VD066880.D (-1817) (-)

Ion 125.90 (125.60 to 126.60): VD066880.D (-1817) (-)

300000

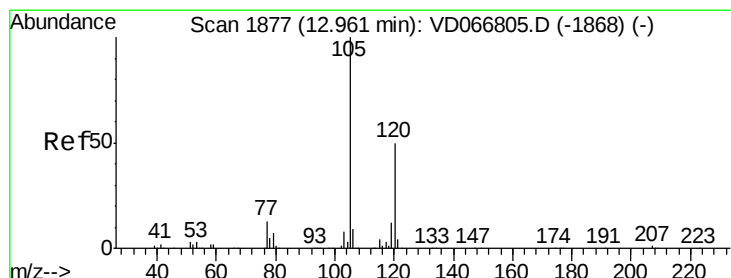
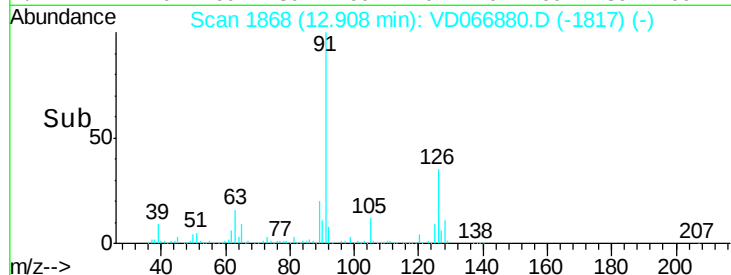
200000

100000

0

12.85 12.90 12.95

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 54.123 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066880.D

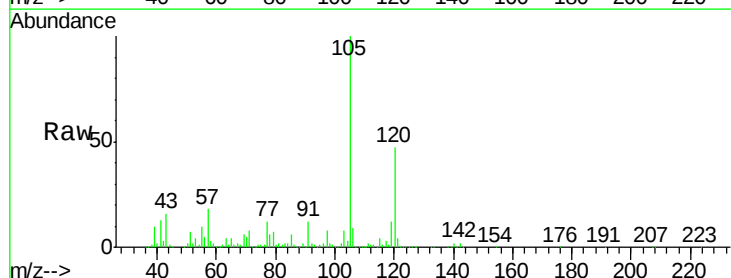
Acq: 25 Sep 2020 18:01

Tgt Ion:105 Resp: 460566

Ion Ratio Lower Upper

105 100

120 48.2 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VD066880.D (-1826) (-)

Ion 120.00 (119.70 to 120.70): VD066880.D (-1826) (-)

300000

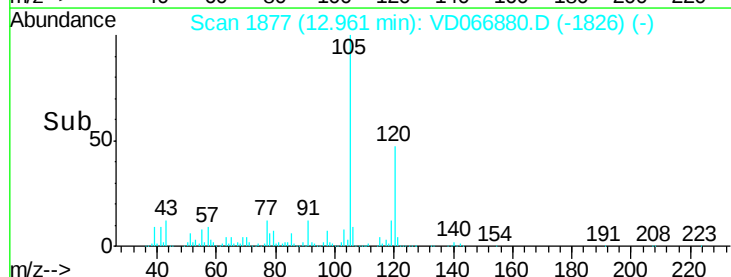
200000

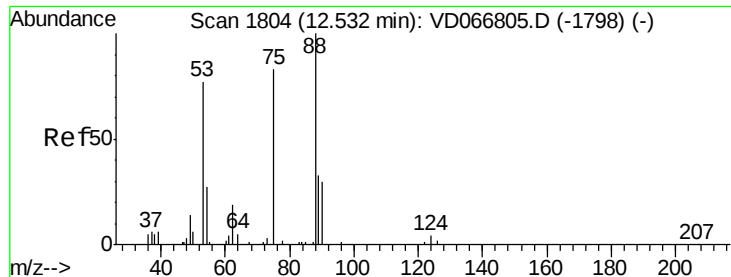
100000

0

12.90 12.96 13.00

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 85.420 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Instrument :

MSVOA_D

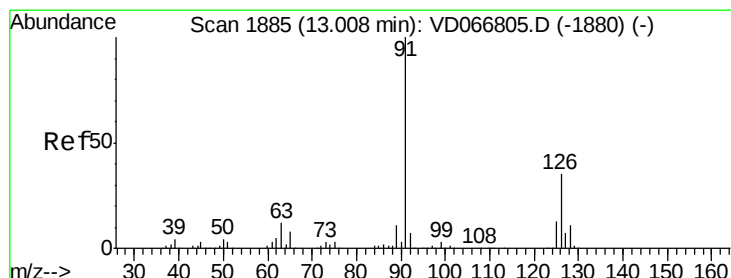
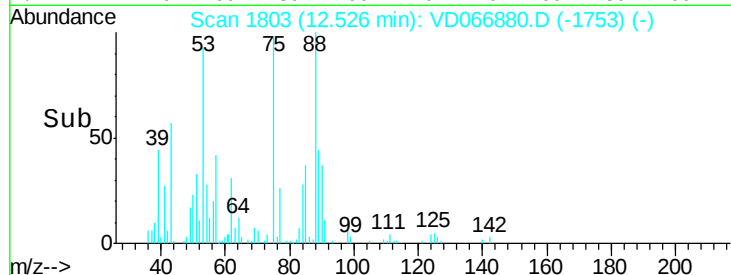
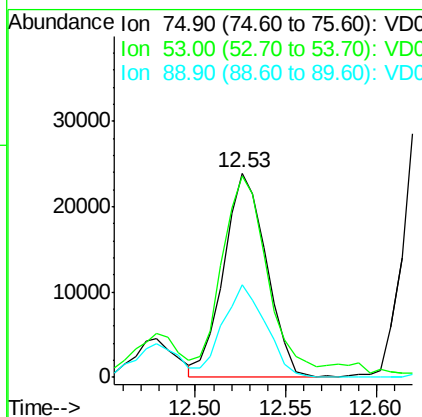
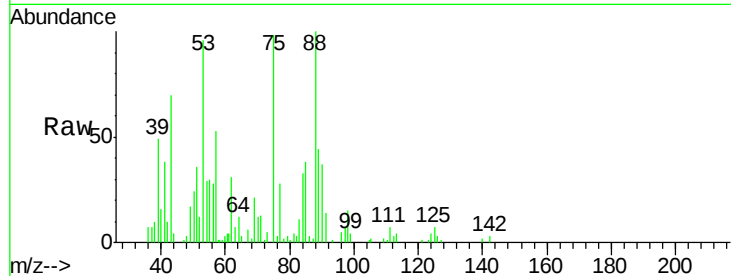
ClientSampleId :

B-2(4-5)MS

Tot Ion:	75	Resp:	39280
Ion	Ratio	Lower	Upper
75	100		
53	92.8	78.5	117.7
89	45.9	38.1	57.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 49.884 ug/l

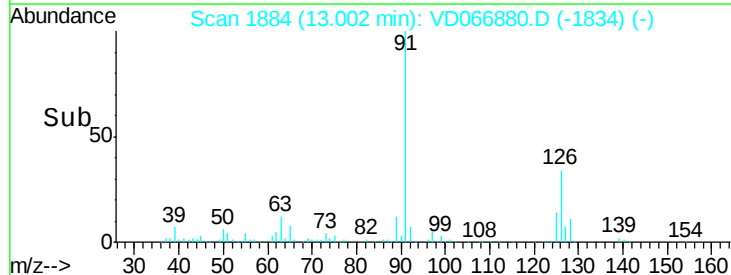
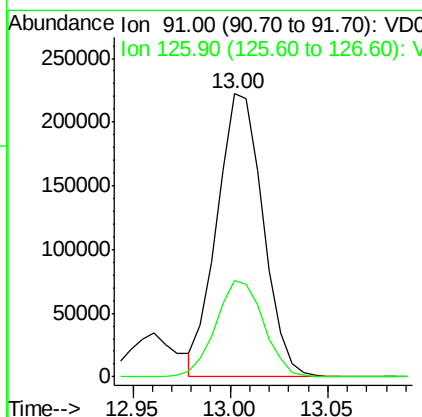
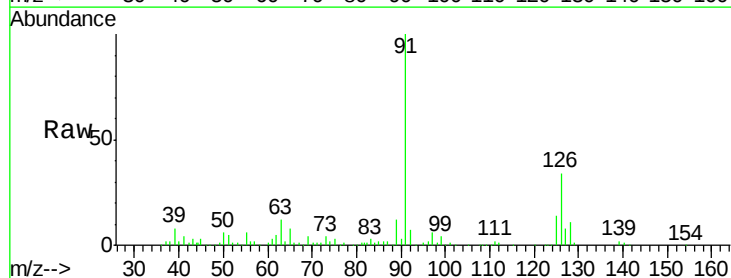
RT: 13.00 min Scan# 1884

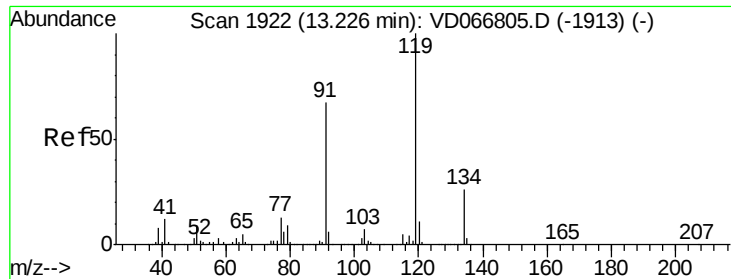
Delta R.T. -0.01 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Tgt Ion:	91	Resp:	361539
Ion	Ratio	Lower	Upper
91	100		
126	35.6	17.1	51.2





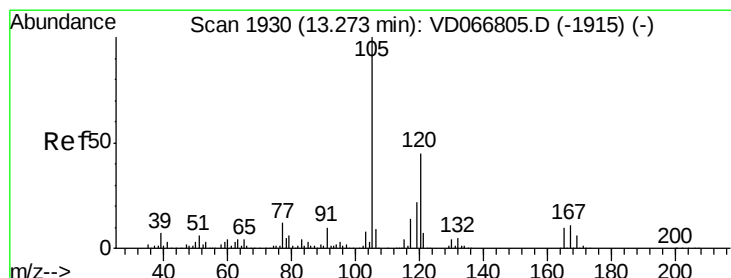
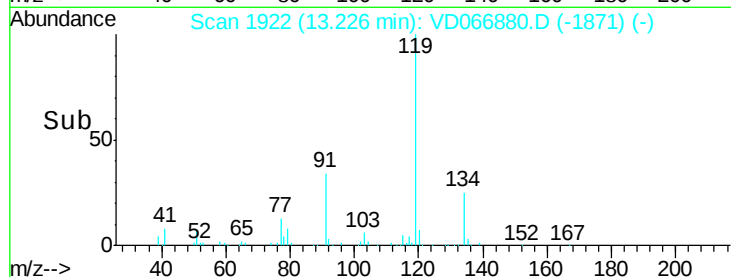
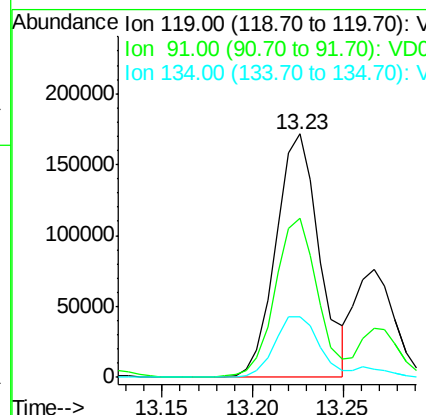
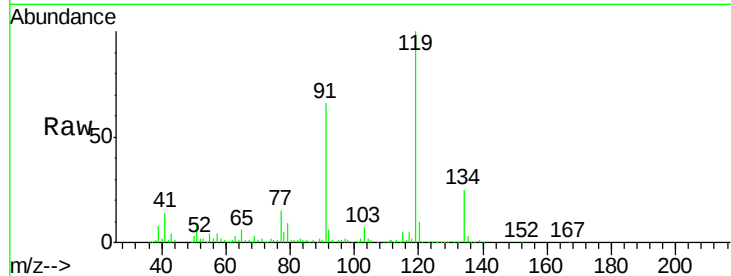
#83
tert-Butylbenzene
Concen: 41.103 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066880.D
Acq: 25 Sep 2020 18:01

Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	287417		
91	63.5	33.6	100.8	
134	26.2	13.5	40.4	

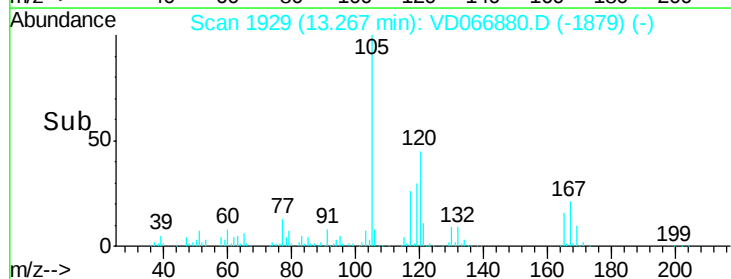
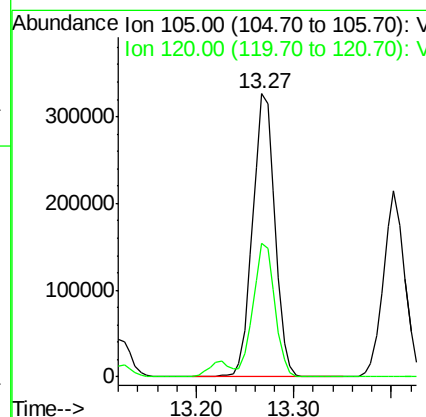
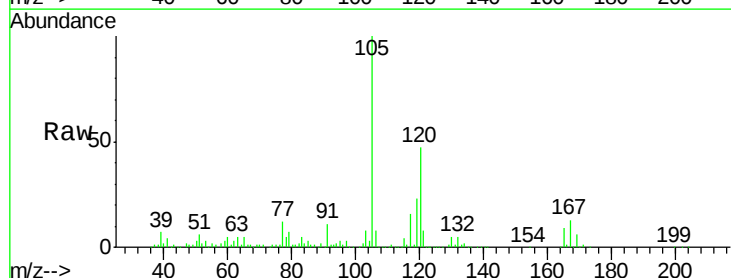
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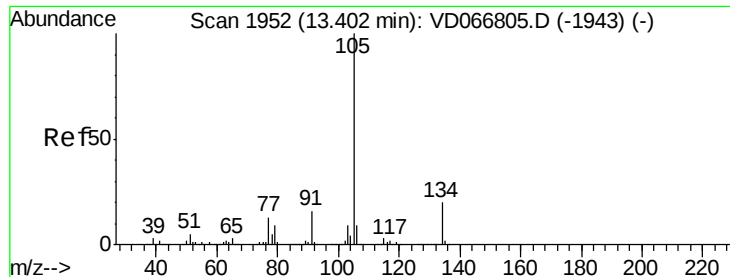
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#84
1,2,4-Trimethylbenzene
Concen: 62.225 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066880.D
Acq: 25 Sep 2020 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	525069		
120	46.2	22.3	66.9	





#85

sec-Butylbenzene

Concen: 32.106 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Instrument :

MSVOA_D

ClientSampleId :

B-2(4-5)MS

Tot Ion:105 Resp: 322838

Ion Ratio Lower Upper

105 100

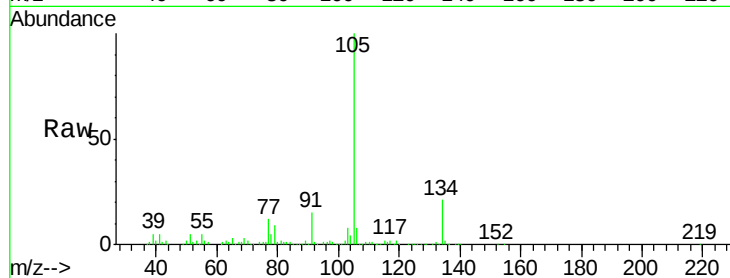
134 20.8 10.2 30.6

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

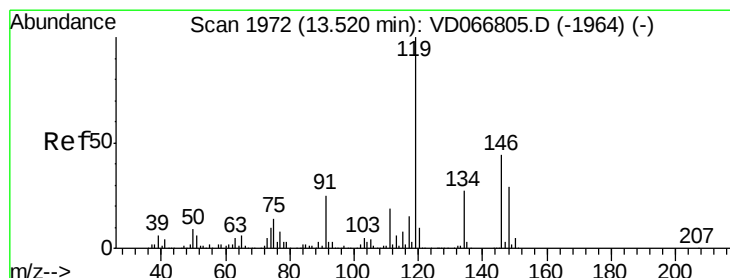
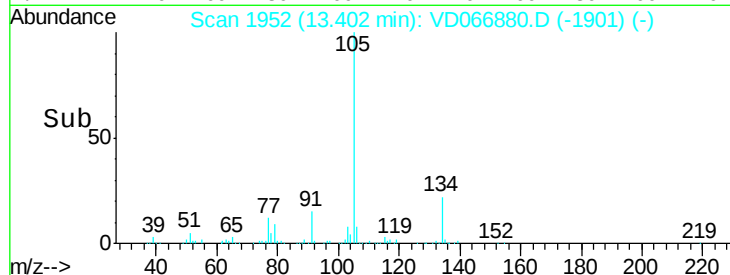
100000

50000

0

13.35 13.40 13.45

Time-->



#86

p-Isopropyltoluene

Concen: 34.753 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

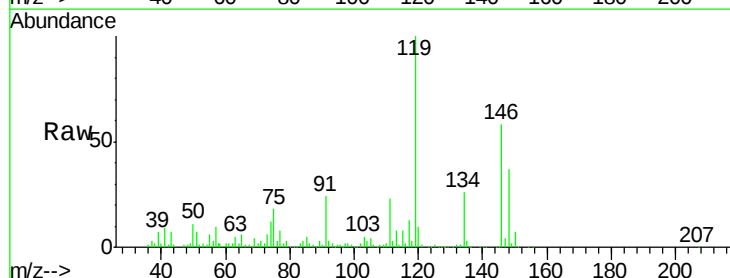
Tgt Ion:119 Resp: 314992

Ion Ratio Lower Upper

119 100

134 25.8 13.0 38.9

91 23.5 12.0 36.1



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

250000

200000

150000

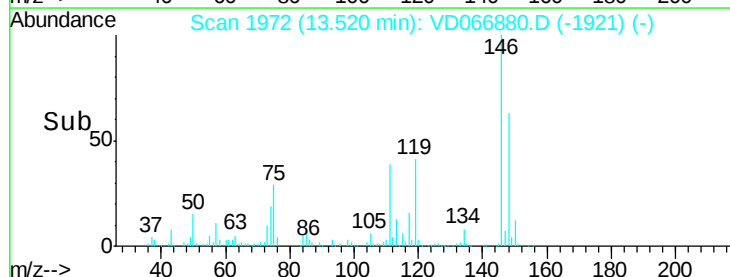
100000

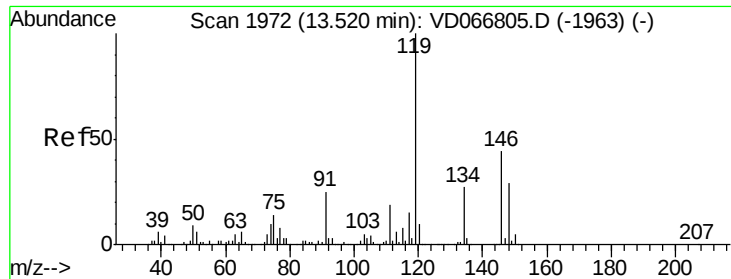
50000

0

13.45 13.50 13.55 13.60

Time-->





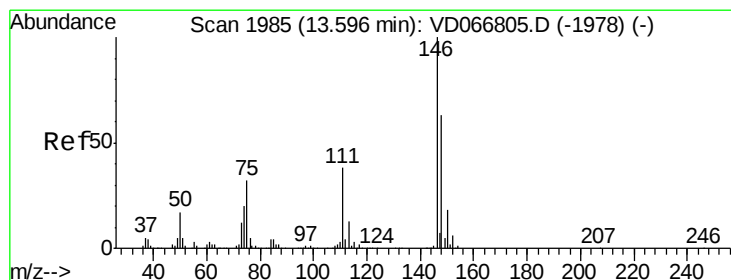
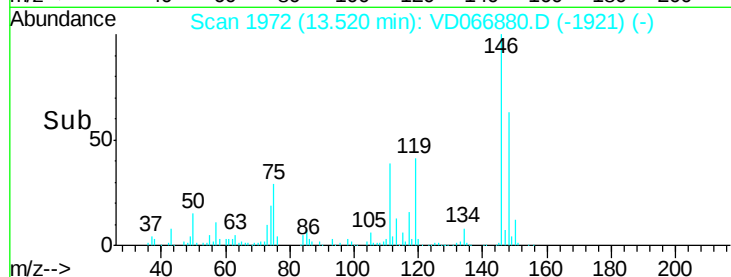
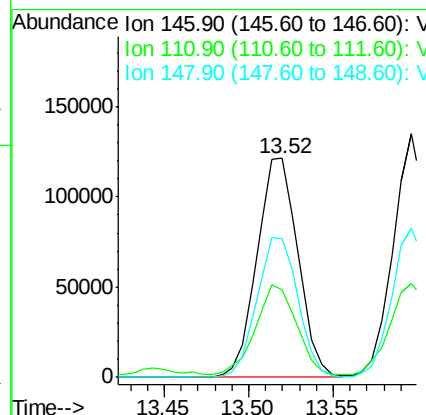
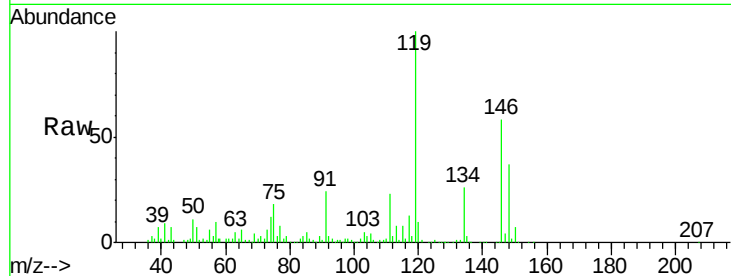
#87
 1,3-Dichlorobenzene
 Concen: 44.225 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066880.D
 Acq: 25 Sep 2020 18:01

Instrument :
 MSVOA_D
 ClientSampleId :
 B-2(4-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	204935		
111	40.6	20.3	60.9	
148	64.1	31.9	95.5	

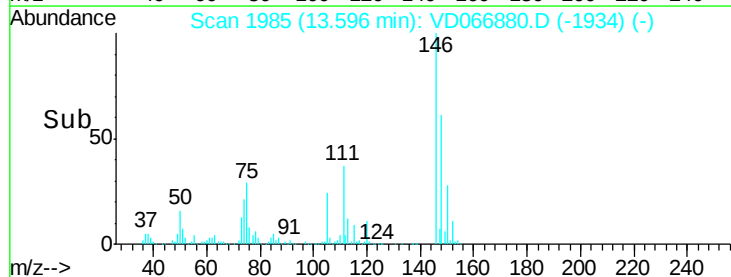
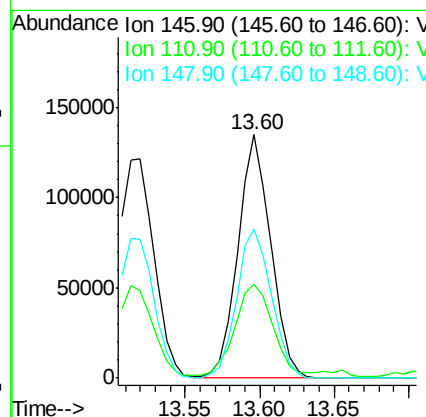
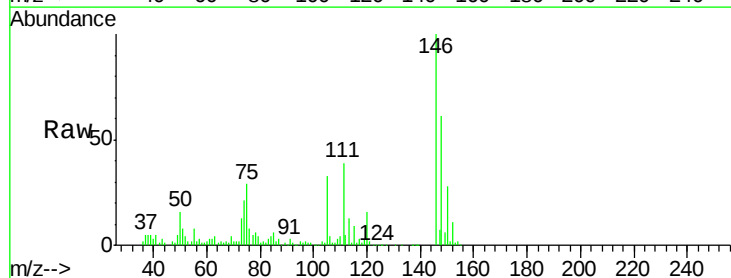
Manual Integrations
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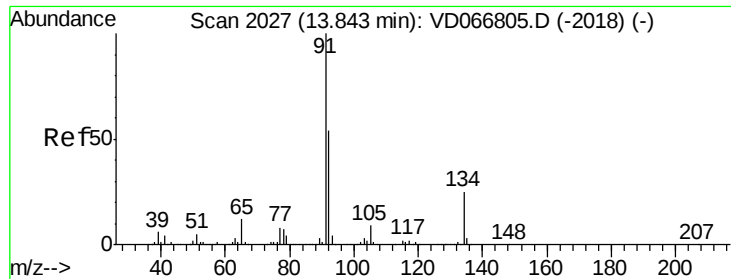
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#88
 1,4-Dichlorobenzene
 Concen: 44.825 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066880.D
 Acq: 25 Sep 2020 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	206303		
111	43.4	20.2	60.5	
148	64.6	31.6	94.7	





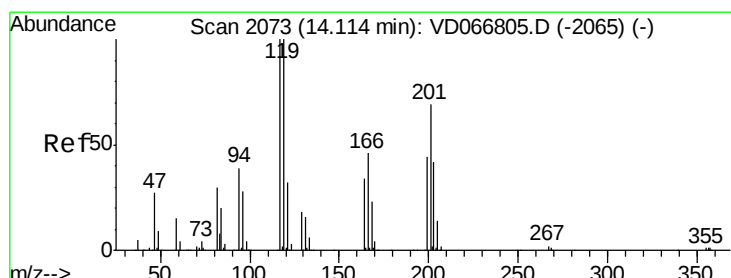
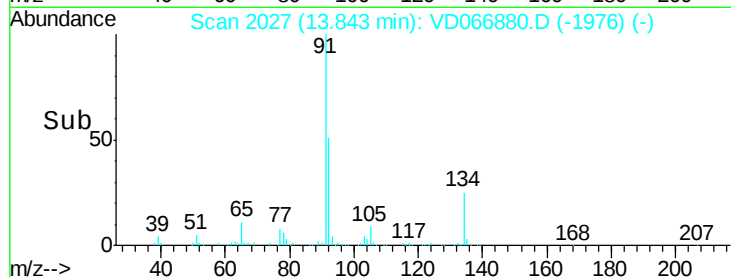
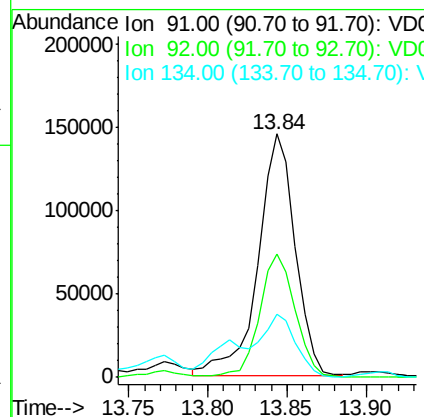
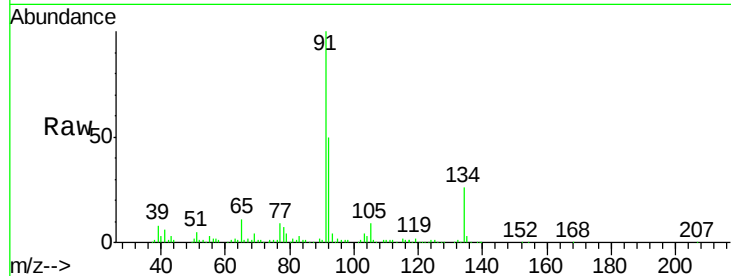
#89
n-Butylbenzene
Concen: 27.515 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD066880.D
Acq: 25 Sep 2020 18:01

Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
91	100	237041		
92	48.4	26.7	80.0	
134	23.2	13.1	39.1	

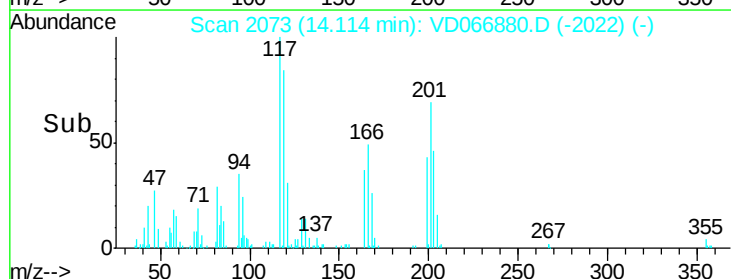
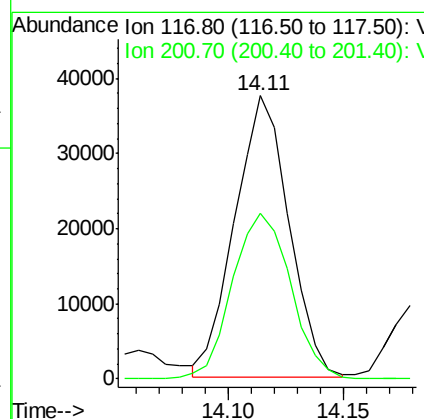
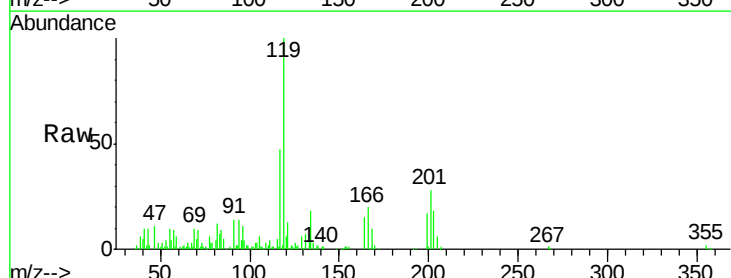
Manual Integrations
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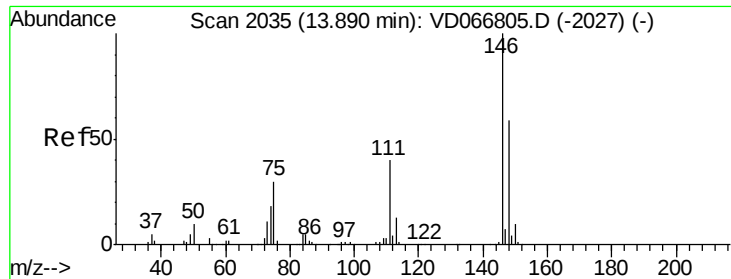
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#90
Hexachloroethane
Concen: 33.336 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066880.D
Acq: 25 Sep 2020 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	61342		
201	63.0	33.7	101.0	





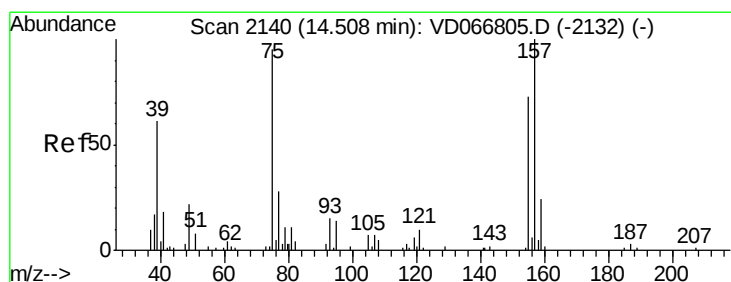
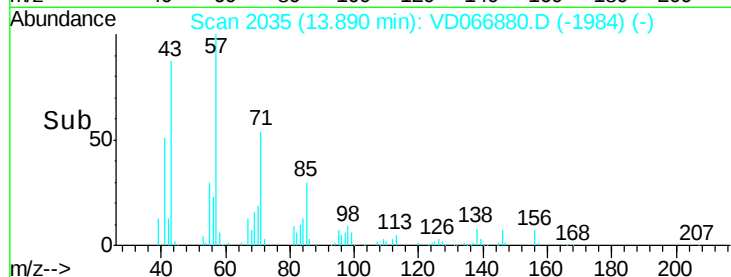
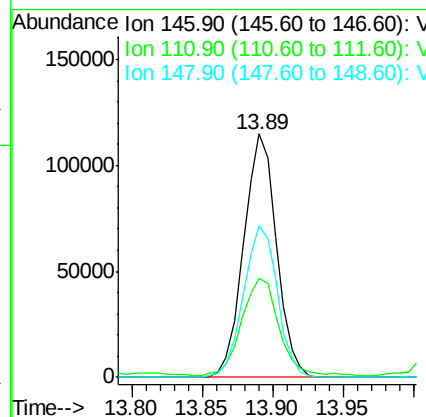
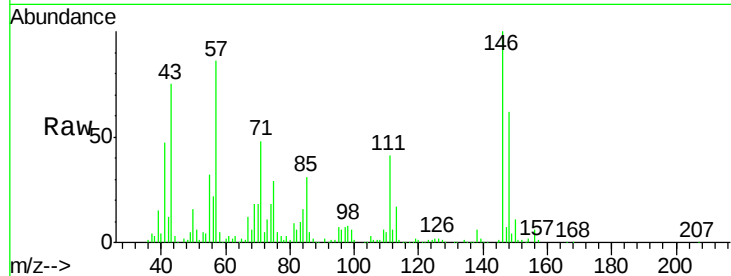
#91
 1,2-Dichlorobenzene
 Concen: 47.172 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066880.D
 Acq: 25 Sep 2020 18:01

Instrument :
 MSVOA_D
 ClientSampleId :
 B-2(4-5)MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.4	20.9	62.7
148	64.4	31.8	95.3

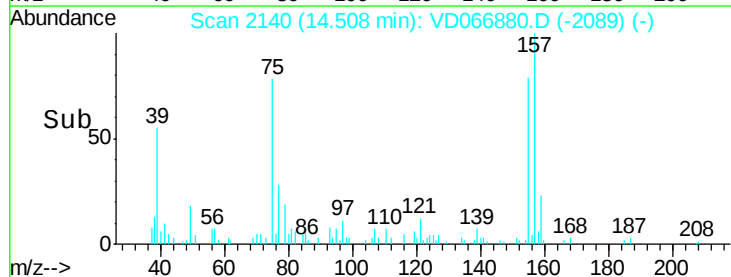
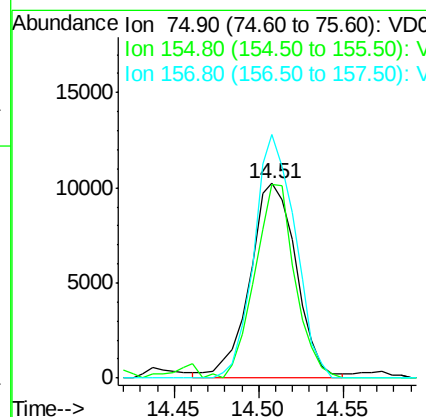
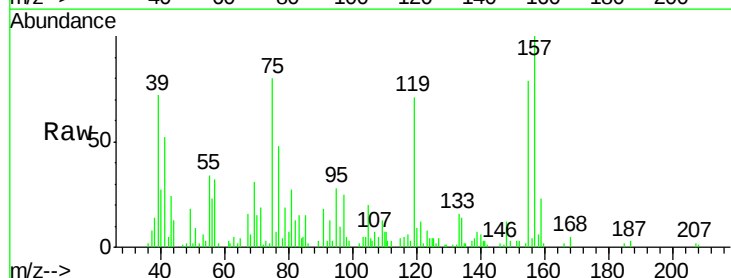
Manual Integrations
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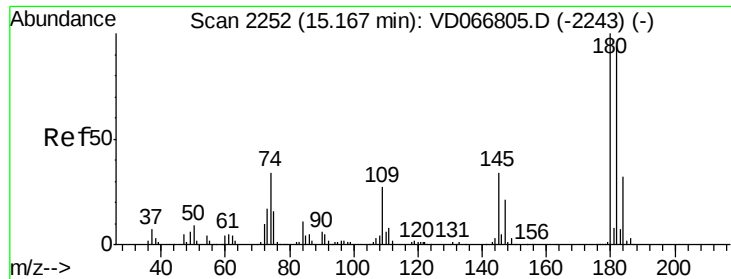
MMDadoda
 9/29/2020 11:45:23 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 70.396 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: VD066880.D
 Acq: 25 Sep 2020 18:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.4	40.4	121.2
157	110.3	51.3	153.9





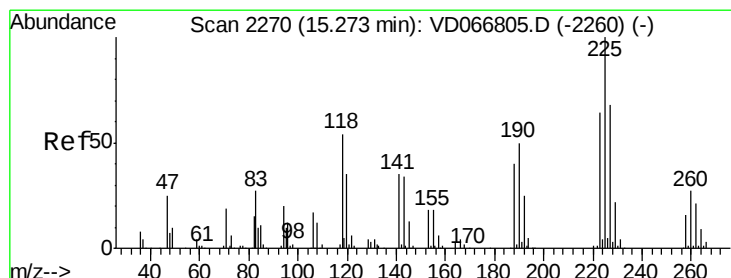
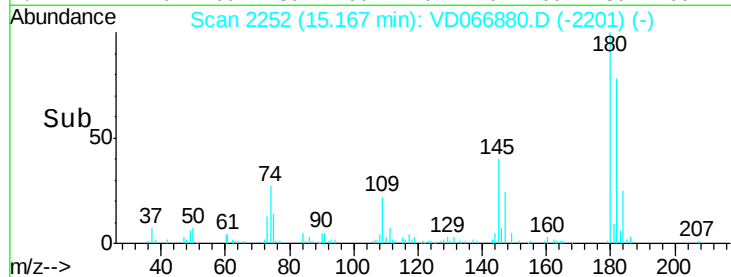
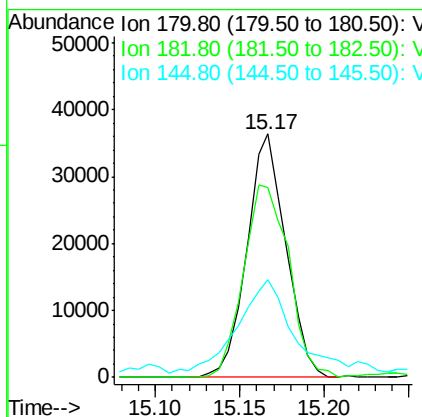
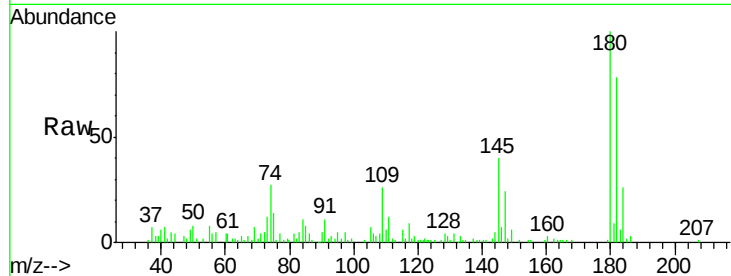
#93
 1,2,4-Trichlorobenzene
 Concen: 23.345 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066880.D
 Acq: 25 Sep 2020 18:01

Instrument :
 MSVOA_D
 ClientSampled :
 B-2(4-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	58262		
182	92.3	48.8	146.3	
145	64.3	16.7	50.0#	

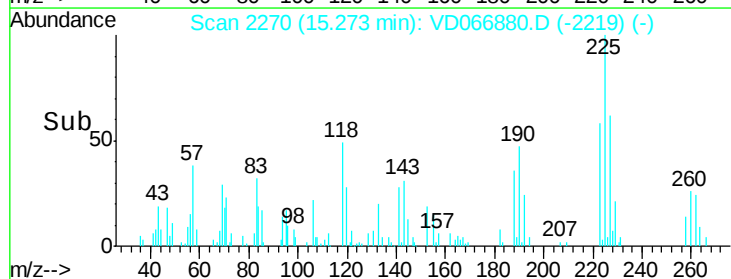
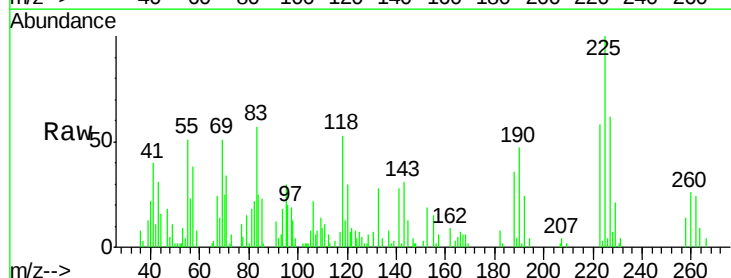
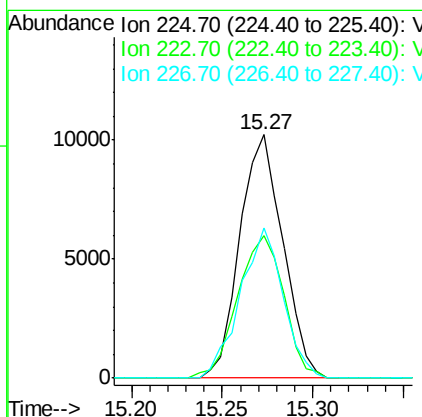
Manual Integrations
 APPROVED

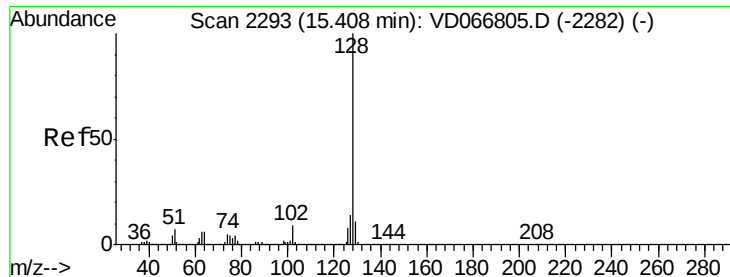
MMDadoda
 9/29/2020 11:45:23 AM



#94
 Hexachlorobutadiene
 Concen: 11.285 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066880.D
 Acq: 25 Sep 2020 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	16877		
223	63.0	31.1	93.3	
227	61.5	31.7	95.1	





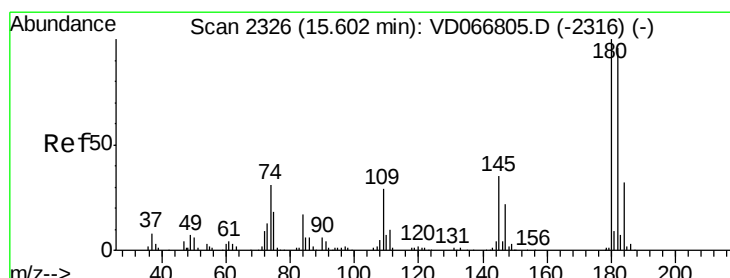
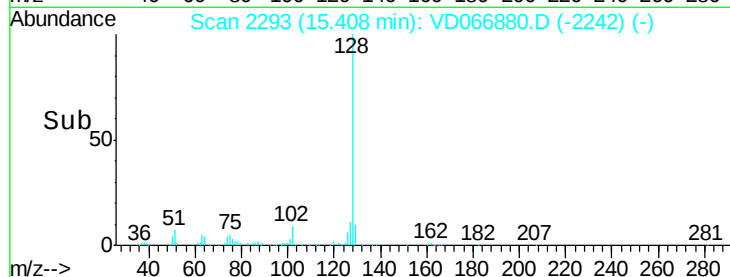
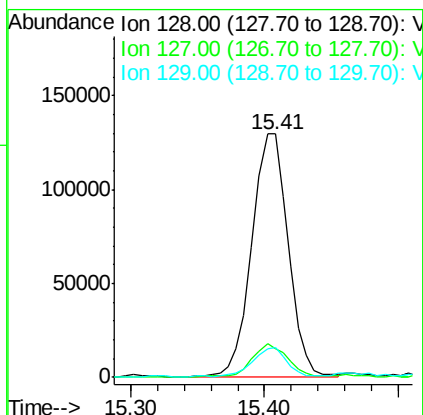
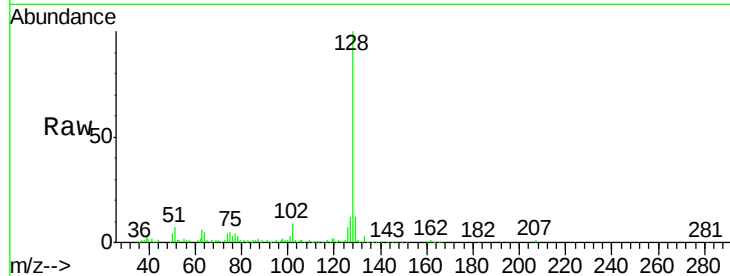
#95
Naphthalene
Concen: 57.570 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066880.D
Acq: 25 Sep 2020 18:01

Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)MS

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.6	16.0
129	10.7	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
9/29/2020 11:45:23 AM



#96
1,2,3-Trichlorobenzene
Concen: 22.166 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066880.D
Acq: 25 Sep 2020 18:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	102.0	46.8	140.3
145	64.5	17.0	51.0

