

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091820\
 Data File : VD066778.D
 Acq On : 18 Sep 2020 20:43
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/21/2020 11:48:57 AM

Quant Time: Sep 19 06:56:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	390156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	659683	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	616052	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	285397	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	218248	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	
35) Dibromofluoromethane	7.91	113	216175	53.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.90%	
50) Toluene-d8	10.34	98	792797	55.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.04%	
62) 4-Bromofluorobenzene	12.63	95	263561	52.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	111907	37.559	ug/l	95
3) Chloromethane	2.21	50	163776	38.575	ug/l	98
4) Vinyl Chloride	2.35	62	171570	38.612	ug/l	97
5) Bromomethane	2.77	94	108499	34.421	ug/l	99
6) Chloroethane	2.92	64	110515	39.924	ug/l	92
7) Trichlorofluoromethane	3.27	101	308381	40.180	ug/l	99
8) Diethyl Ether	3.71	74	88448	46.022	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.10	101	171757	40.721	ug/l	99
10) Methyl Iodide	4.30	142	247151	61.758	ug/l	98
11) Tert butyl alcohol	5.21	59	53000	175.703	ug/l #	94
12) 1,1-Dichloroethene	4.07	96	172040	44.068	ug/l	92
13) Acrolein	3.92	56	70609	240.503	ug/l	91
14) Allyl chloride	4.71	41	280558	44.749	ug/l	96
15) Acrylonitrile	5.42	53	207733	246.744	ug/l	97
16) Acetone	4.16	43	148887	175.638	ug/l	95
17) Carbon Disulfide	4.41	76	548428	44.706	ug/l	98
18) Methyl Acetate	4.72	43	96569	53.634	ug/l	95
19) Methyl tert-butyl Ether	5.47	73	420593	48.368	ug/l	93
20) Methylene Chloride	4.96	84	218887	47.697	ug/l	97
21) trans-1,2-Dichloroethene	5.48	96	217173	47.748	ug/l	96
22) Diisopropyl ether	6.36	45	617357	48.461	ug/l	97
23) Vinyl Acetate	6.30	43	1514319	213.700	ug/l	98
24) 1,1-Dichloroethane	6.26	63	379676	46.967	ug/l	98
25) 2-Butanone	7.21	43	238206	215.801	ug/l	93
26) 2,2-Dichloropropane	7.21	77	295076	39.473	ug/l	96
27) cis-1,2-Dichloroethene	7.21	96	246150	49.469	ug/l	97
28) Bromochloromethane	7.54	49	148848	49.296	ug/l	96
29) Tetrahydrofuran	7.56	42	164057	242.920	ug/l	98
30) Chloroform	7.71	83	413710	48.085	ug/l	100
31) Cyclohexane	7.98	56	298317	40.570	ug/l	94
32) 1,1,1-Trichloroethane	7.90	97	351103	44.596	ug/l	98
36) 1,1-Dichloropropene	8.11	75	294326	43.395	ug/l	98
37) Ethyl Acetate	7.29	43	116423	45.342	ug/l	99
38) Carbon Tetrachloride	8.10	117	308814	42.875	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	321618	41.456	ug/l	98
40) Benzene	8.35	78	872787	47.565	ug/l	99
41) Methacrylonitrile	7.53	41	71562m	52.644	ug/l	
42) 1,2-Dichloroethane	8.42	62	261601	46.018	ug/l	99
43) Isopropyl Acetate	8.45	43	219816	45.483	ug/l	98
44) Trichloroethene	9.11	130	230633	47.009	ug/l	99
45) 1,2-Dichloropropane	9.38	63	219134	48.307	ug/l	93
46) Dibromomethane	9.47	93	118852	47.680	ug/l	97
47) Bromodichloromethane	9.66	83	321882	47.388	ug/l	99
48) Methyl methacrylate	9.45	41	112331	45.695	ug/l	91
49) 1,4-Dioxane	9.46	88	25918	970.646	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	578405	232.464	ug/l	99
52) Toluene	10.40	92	567319	48.262	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	235558	38.821	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	279053	38.719	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	155473	47.306	ug/l	99
56) Ethyl methacrylate	10.66	69	181118	48.562	ug/l	99
57) 1,3-Dichloropropane	10.94	76	272286	47.209	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	465085	283.932	ug/l	96
59) 2-Hexanone	10.98	43	384876	230.213	ug/l	99
60) Dibromochloromethane	11.14	129	212570	49.638	ug/l	99
61) 1,2-Dibromoethane	11.24	107	149527	47.429	ug/l	98
64) Tetrachloroethene	10.87	164	201350	47.879	ug/l	97
65) Chlorobenzene	11.67	112	590150	46.269	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	216702	46.047	ug/l	100
67) Ethyl Benzene	11.74	91	1054093	45.626	ug/l	100
68) m/p-Xylenes	11.85	106	807452	92.472	ug/l	98
69) o-Xylene	12.18	106	370337	47.994	ug/l	95
70) Styrene	12.19	104	651889	48.000	ug/l	99
71) Bromoform	12.36	173	110664	46.856	ug/l	# 99
73) Isopropylbenzene	12.48	105	991283	46.527	ug/l	100
74) N-amyl acetate	12.29	43	198516	44.171	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	165641	45.753	ug/l	96
76) 1,2,3-Trichloropropane	12.78	75	124681m	51.038	ug/l	
77) Bromobenzene	12.76	156	228811	46.596	ug/l	97
78) n-propylbenzene	12.82	91	1175761	45.271	ug/l	98
79) 2-Chlorotoluene	12.91	91	668365	45.511	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	830766	46.117	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.53	75	26606	23.505	ug/l	97
82) 4-Chlorotoluene	13.00	91	711762	45.837	ug/l	98
83) tert-Butylbenzene	13.23	119	692232	46.622	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	852668	47.362	ug/l	99
85) sec-Butylbenzene	13.40	105	958538	45.031	ug/l	100
86) p-Isopropyltoluene	13.52	119	890875	46.036	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	442274	46.945	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	430638	45.903	ug/l	99
89) n-Butylbenzene	13.84	91	813234	44.195	ug/l	98
90) Hexachloroethane	14.11	117	172870	43.485	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	383262	47.478	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	24640	42.103	ug/l	90

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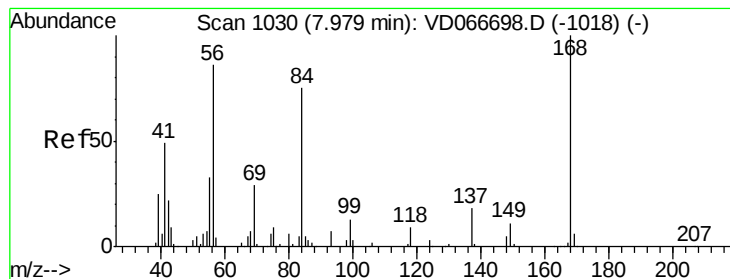
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	225354	46.156	ug/l	99
94) Hexachlorobutadiene	15.27	225	129621	44.065	ug/l	99
95) Naphthalene	15.41	128	413967	48.528	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	200105	46.922	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 390156

Ion Ratio Lower Upper

168 100

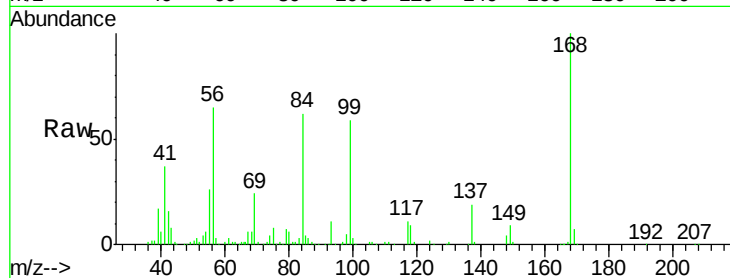
99 58.6 54.4 81.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

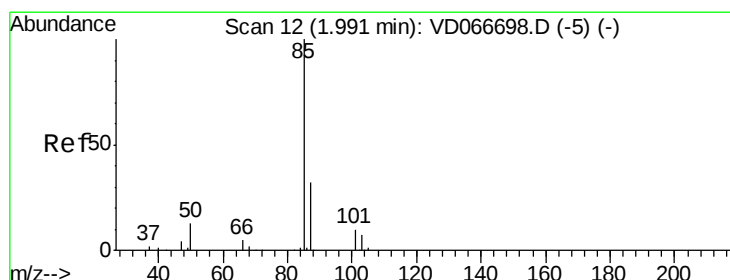
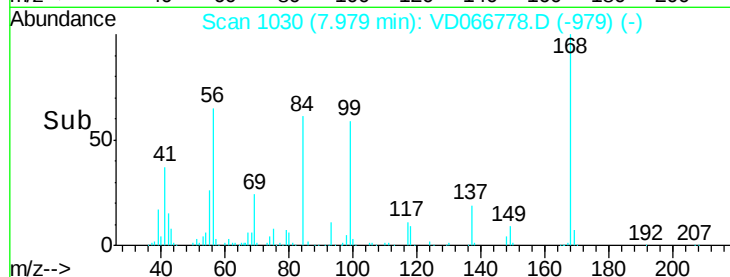
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 37.559 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD066778.D

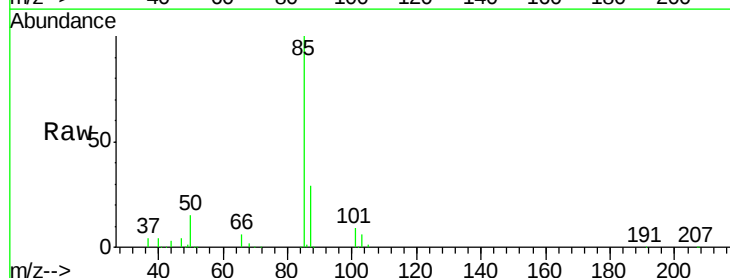
Acq: 18 Sep 2020 20:43

Tgt Ion: 85 Resp: 111907

Ion Ratio Lower Upper

85 100

87 28.9 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

80000

60000

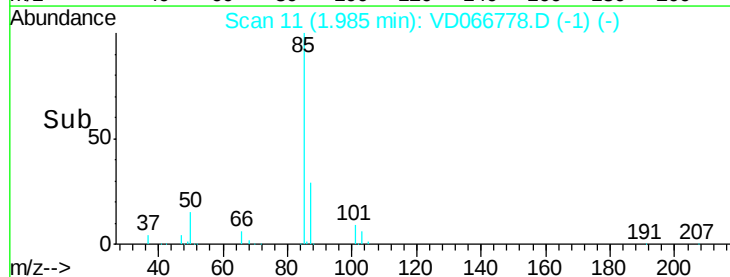
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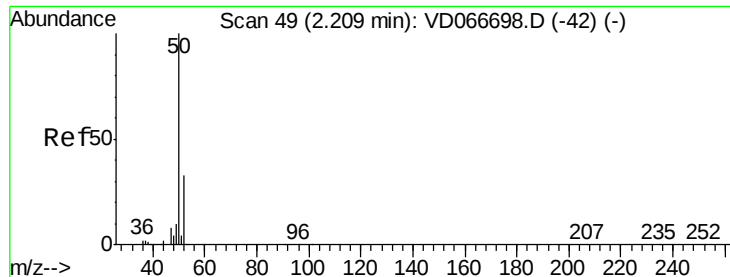
20000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 38.575 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 163776

Ion Ratio Lower Upper

50 100

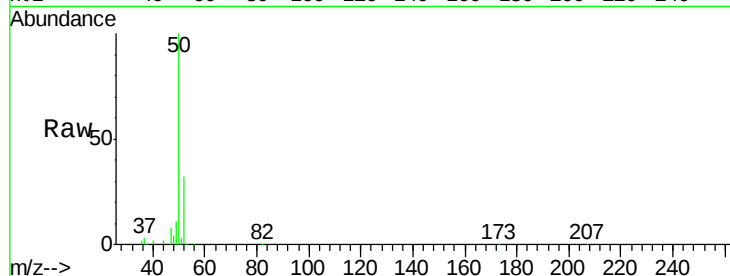
52 32.3 26.8 40.2

Manual Integrations

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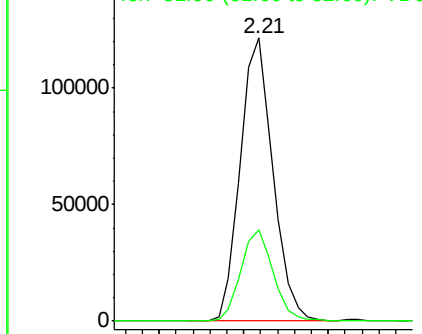
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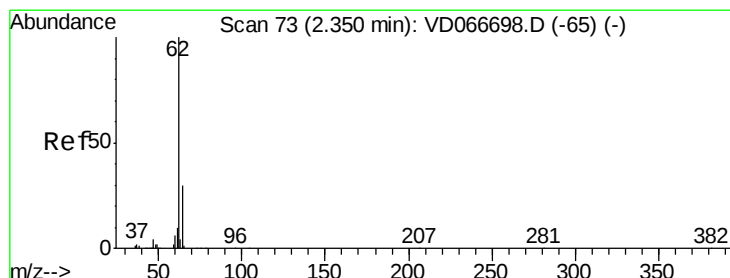
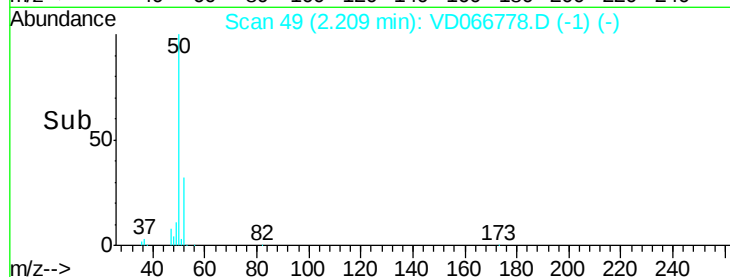


Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



Time-->



#4

Vinyl Chloride

Concen: 38.612 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066778.D

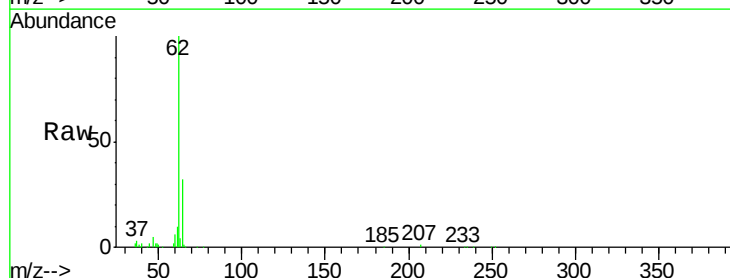
Acq: 18 Sep 2020 20:43

Tgt Ion: 62 Resp: 171570

Ion Ratio Lower Upper

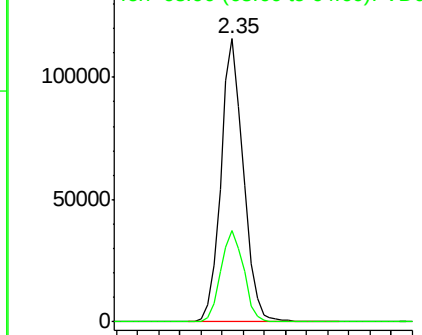
62 100

64 32.3 24.4 36.6

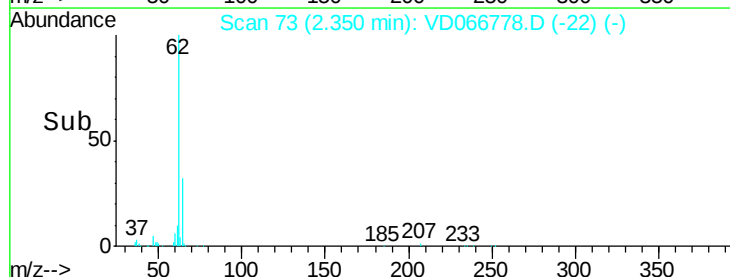


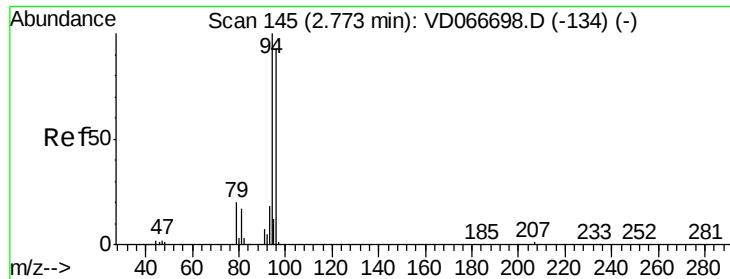
Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC



Time-->





#5

Bromomethane

Concen: 34.421 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 108499

Ion Ratio Lower Upper

94 100

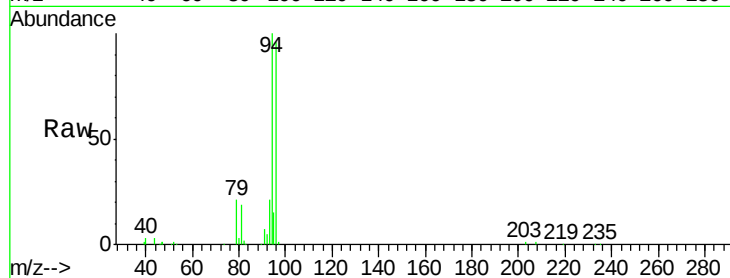
96 94.8 74.7 112.1

Manual Integrations

APPROVED

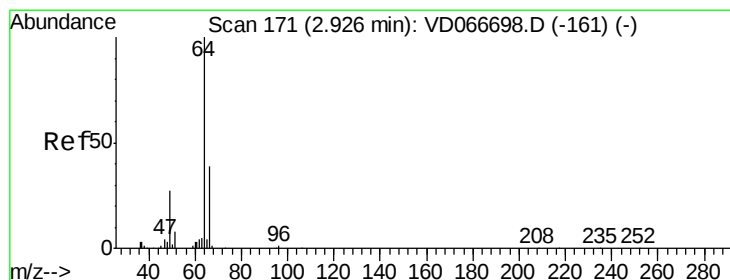
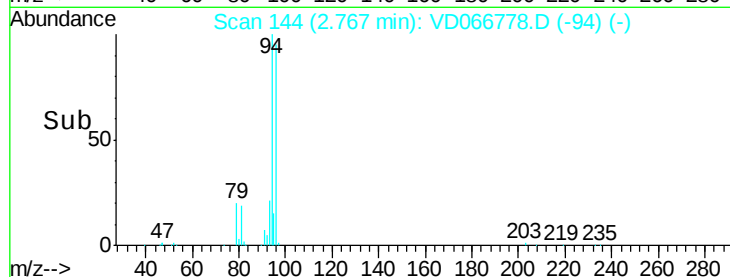
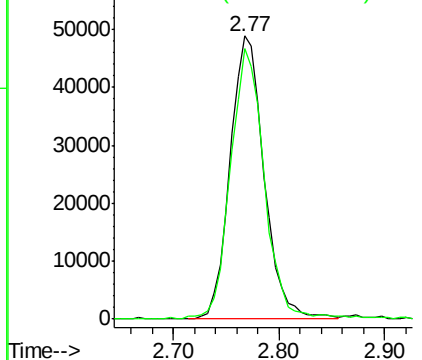
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 39.924 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD066778.D

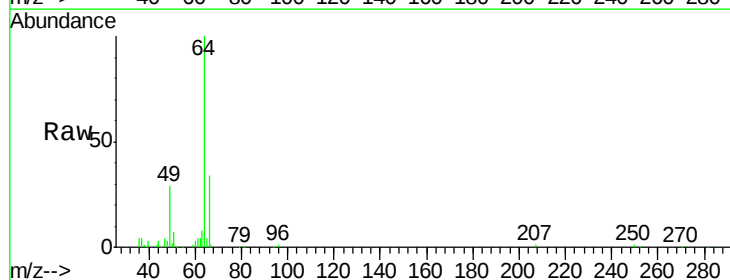
Acq: 18 Sep 2020 20:43

Tgt Ion: 64 Resp: 110515

Ion Ratio Lower Upper

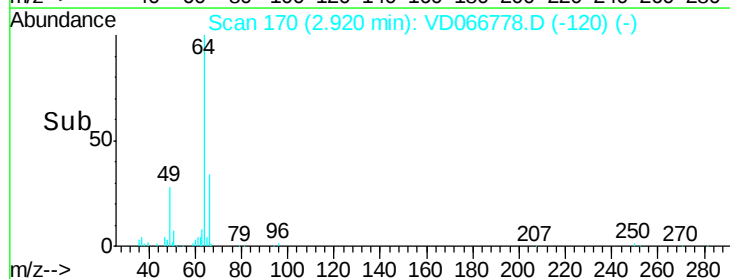
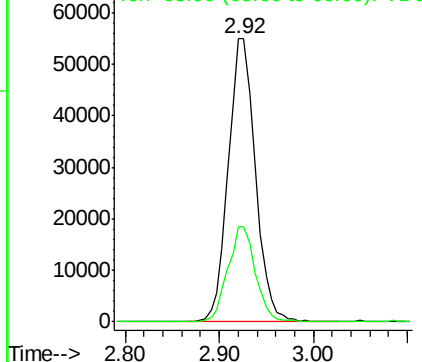
64 100

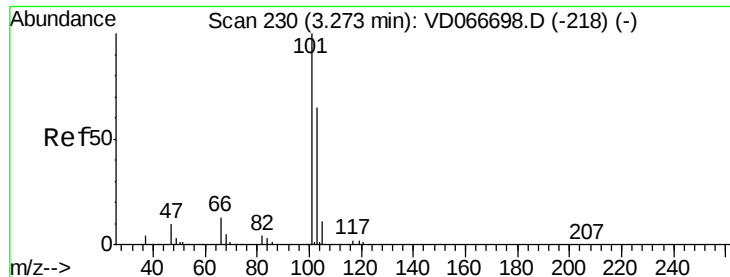
66 33.7 30.9 46.3



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

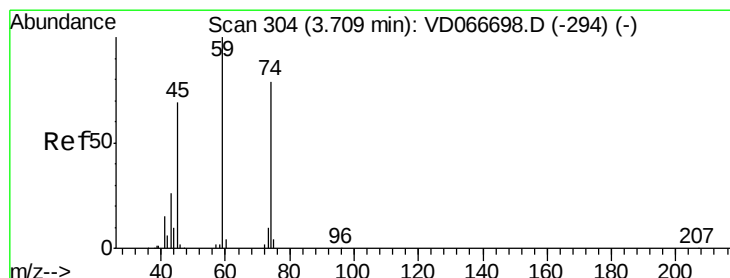
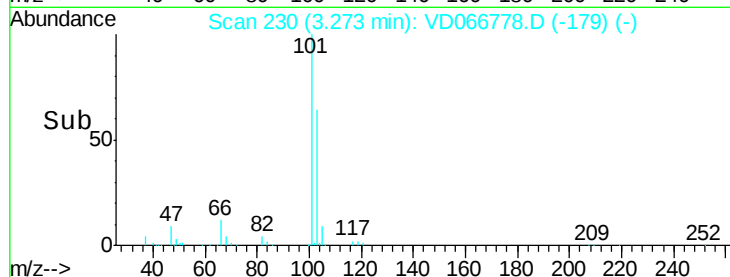
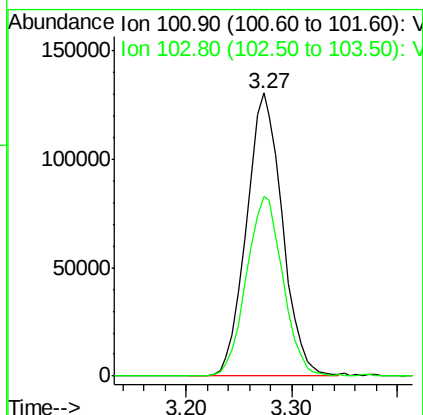
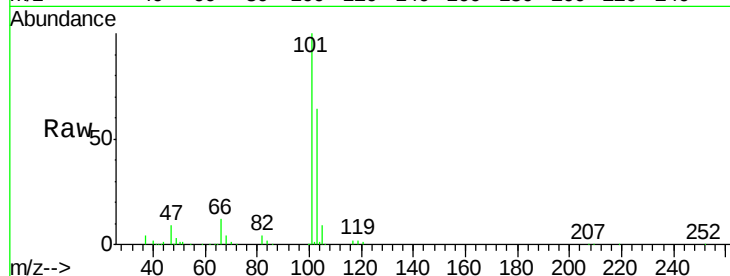
Trichlorofluoromethane
 Concen: 40.180 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066778.D
 Acq: 18 Sep 2020 20:43

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	51.8	77.8

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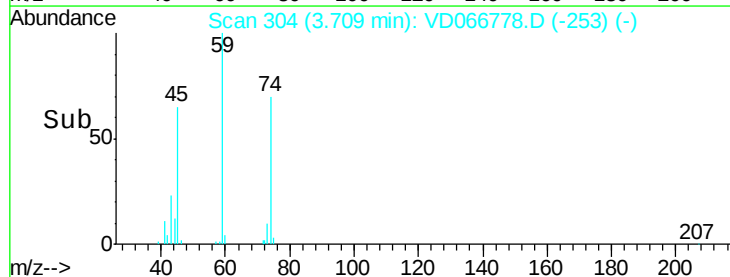
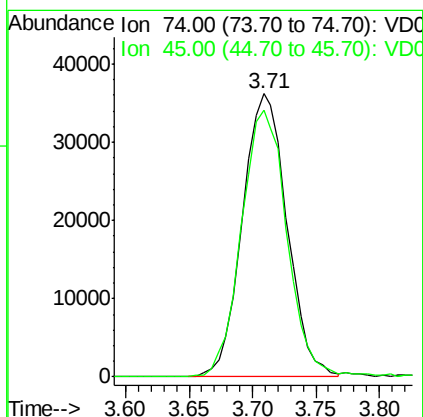
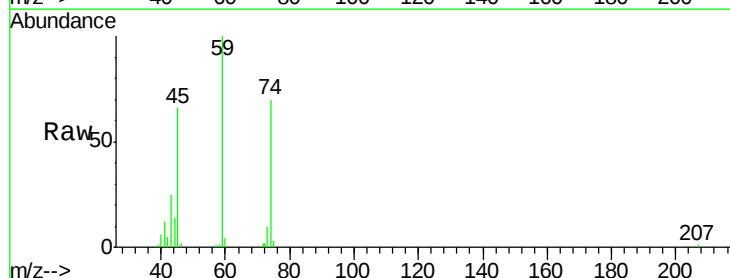
MMDadoda
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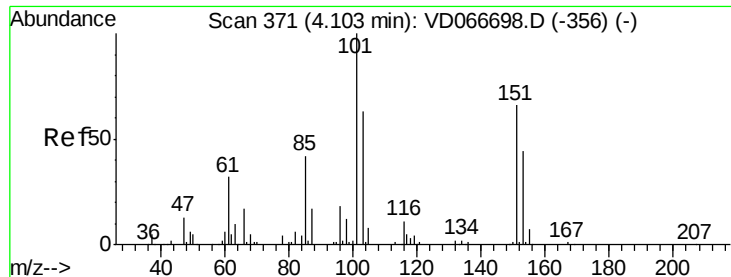


#8

Diethyl Ether
 Concen: 46.022 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066778.D
 Acq: 18 Sep 2020 20:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.5	48.0	144.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 40.721 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.01 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Instrument :

MSVOA_D

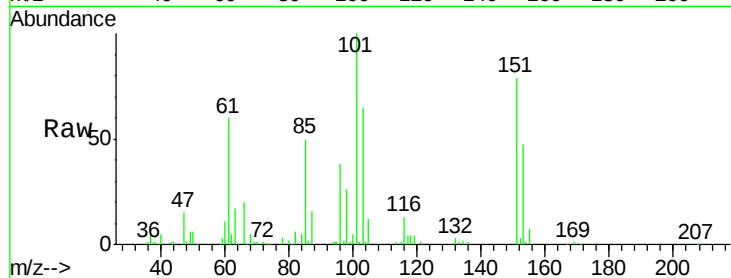
ClientSampleId :

VSTDCCC050EC

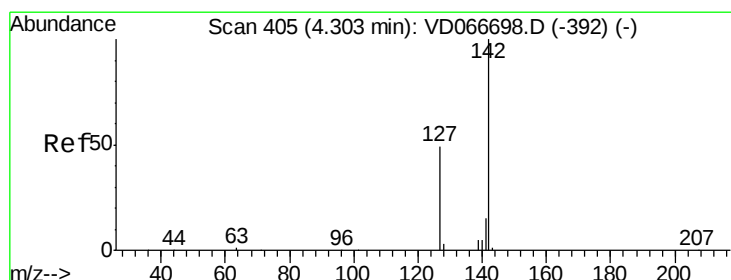
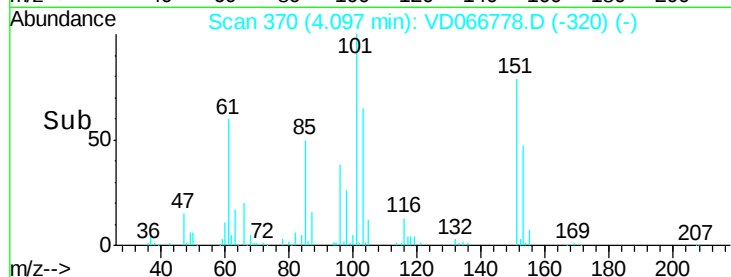
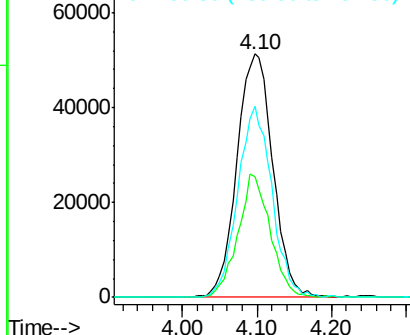
Tot Ion:	101	Resp:	171757
Ion Ratio	Lower	Upper	
101	100		
85	45.3	36.3	54.5
151	74.4	58.0	87.0

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 61.758 ug/l

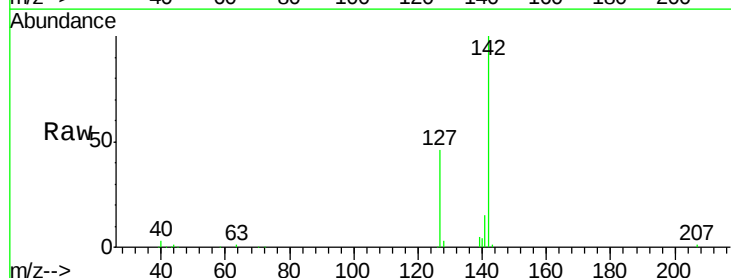
RT: 4.30 min Scan# 405

Delta R.T. -0.00 min

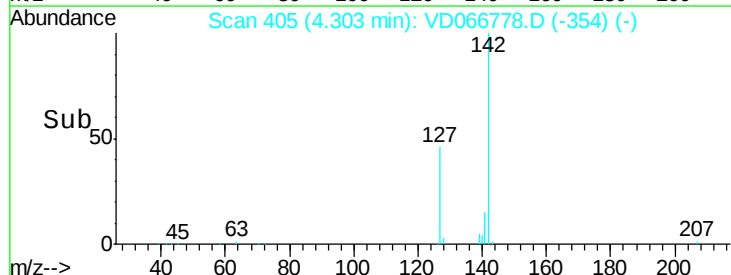
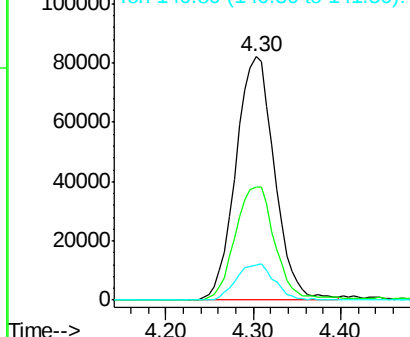
Lab File: VD066778.D

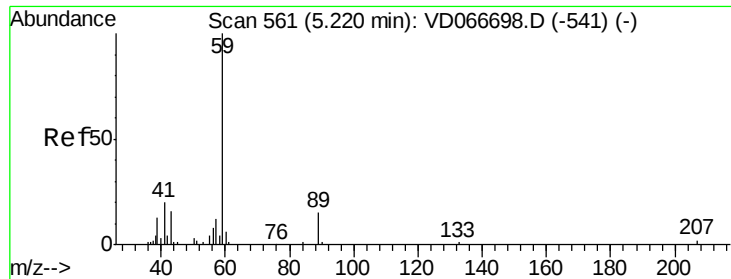
Acq: 18 Sep 2020 20:43

Tgt Ion:	142	Resp:	247151
Ion Ratio	Lower	Upper	
142	100		
127	47.4	39.0	58.4
141	14.6	11.7	17.5



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





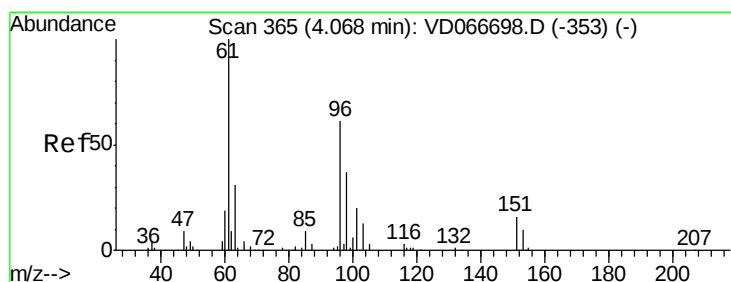
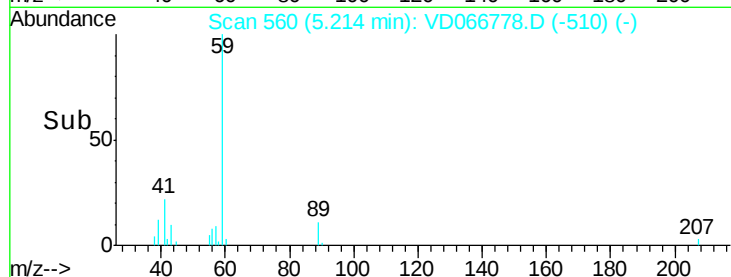
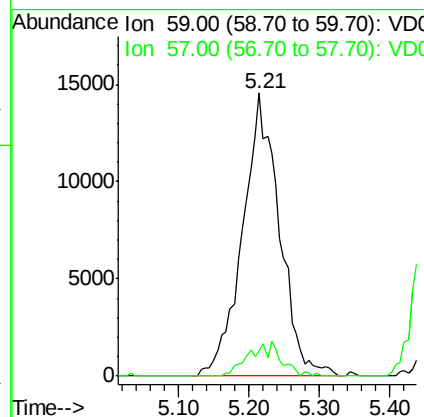
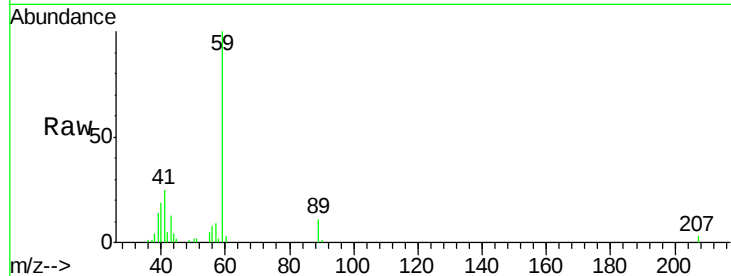
#11
Tert butyl alcohol
Concen: 175.703 ug/l
RT: 5.21 min Scan# 560
Delta R.T. -0.01 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 53000
Ion Ratio Lower Upper
59 100
57 6.3 6.7 10.1#

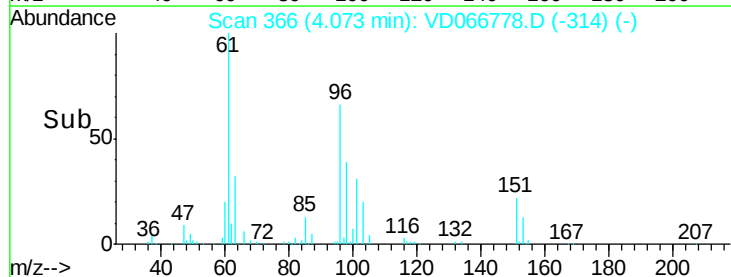
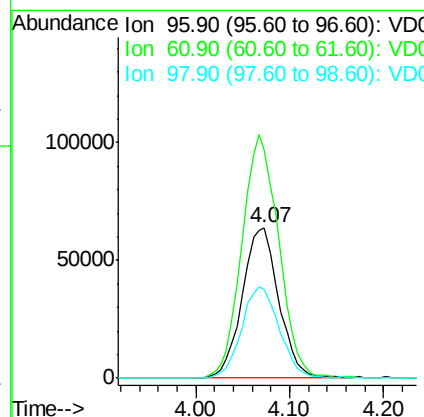
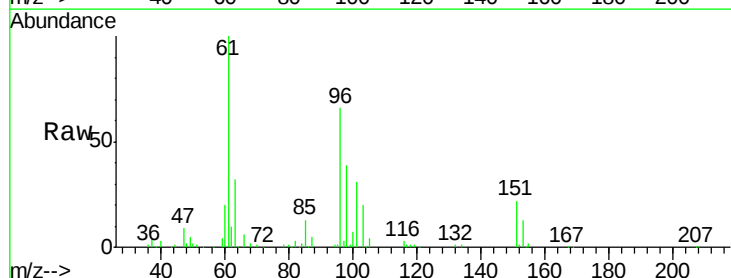
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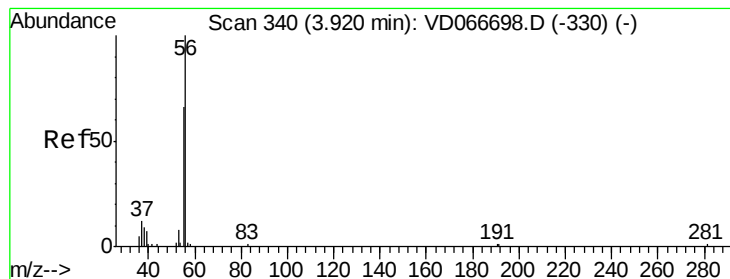
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#12
1,1-Dichloroethene
Concen: 44.068 ug/l
RT: 4.07 min Scan# 366
Delta R.T. 0.01 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Tgt Ion: 96 Resp: 172040
Ion Ratio Lower Upper
96 100
61 151.7 131.9 197.9
98 58.8 49.1 73.7





#13

Acrolein

Concen: 240.503 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 70609

Ion Ratio Lower Upper

56 100

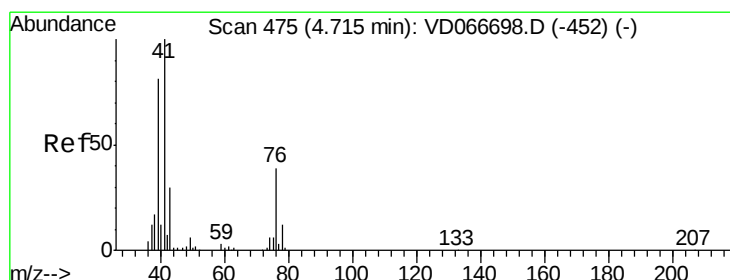
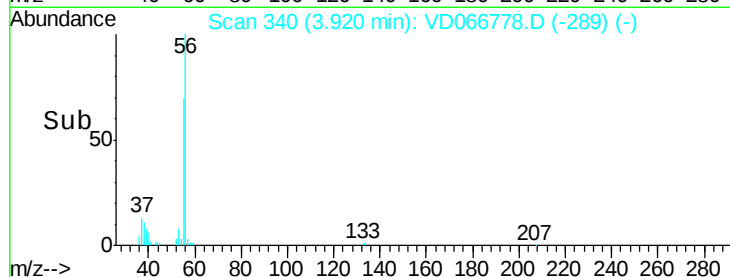
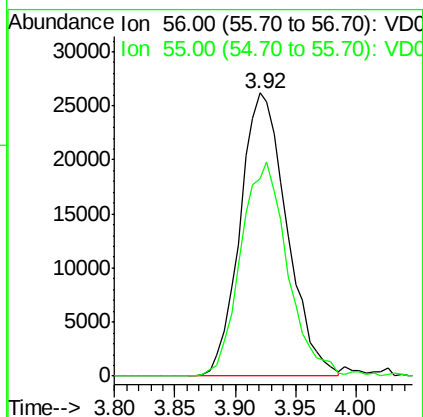
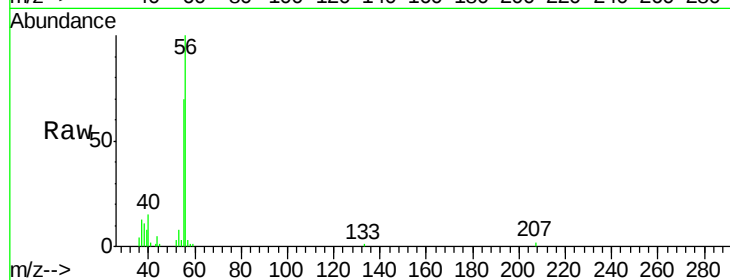
55 75.4 54.7 82.1

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#14

Allyl chloride

Concen: 44.749 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

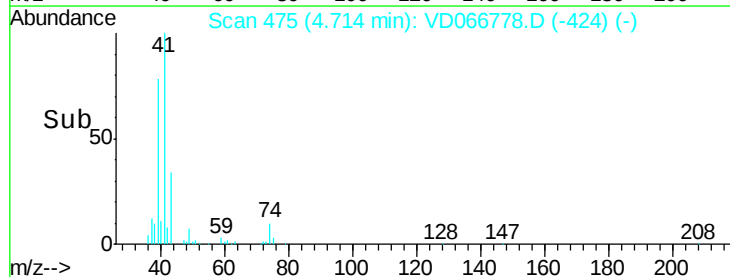
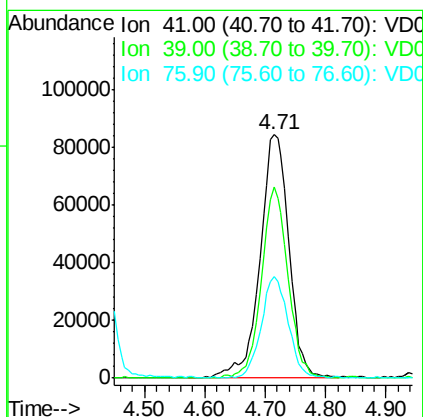
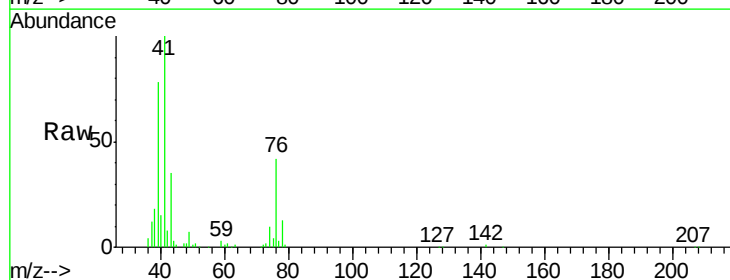
Tgt Ion: 41 Resp: 280558

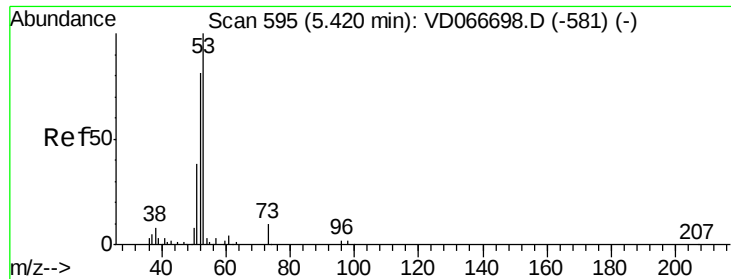
Ion Ratio Lower Upper

41 100

39 72.2 60.6 90.8

76 38.1 29.2 43.8





#15

Acrylonitrile

Concen: 246.744 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Instrument :

MSVOA_D

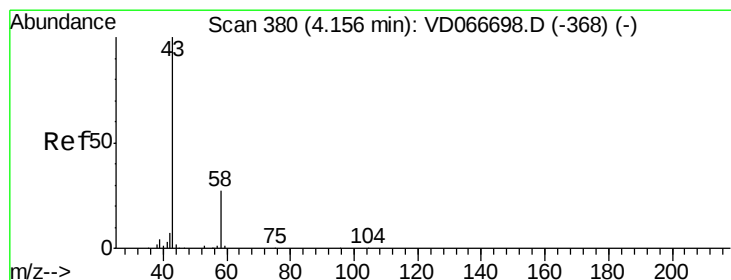
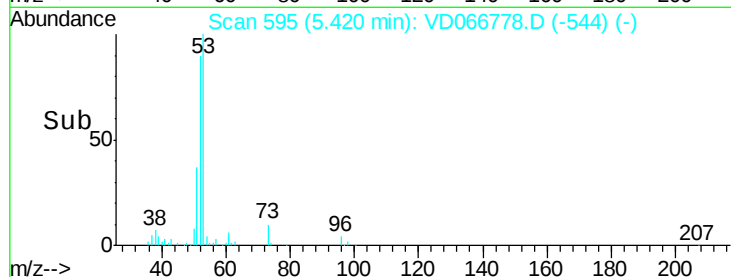
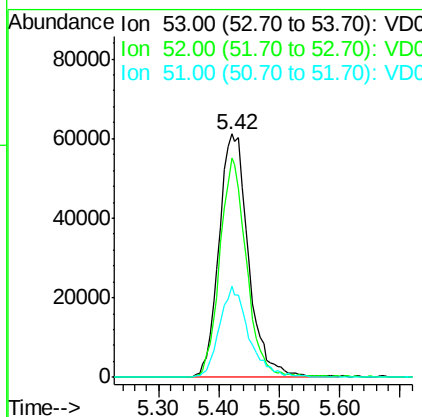
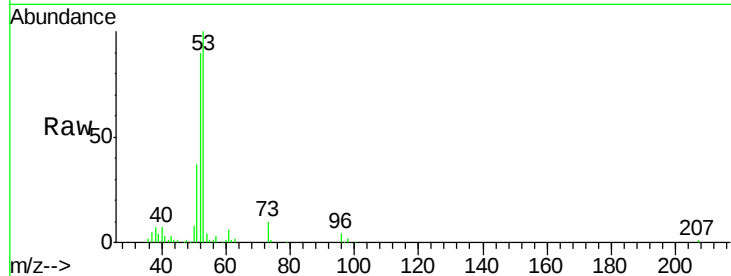
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	207733
Ion Ratio	Lower	Upper	
53	100		
52	79.9	66.6	99.8
51	37.0	31.0	46.6

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#16

Acetone

Concen: 175.638 ug/l

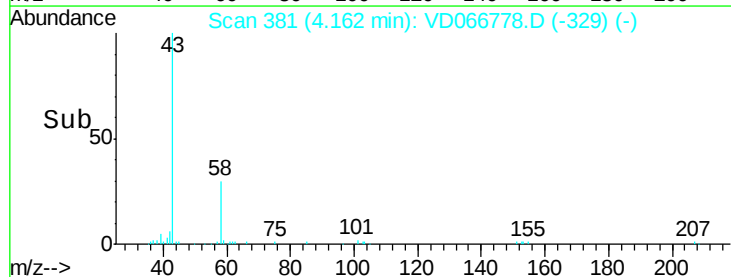
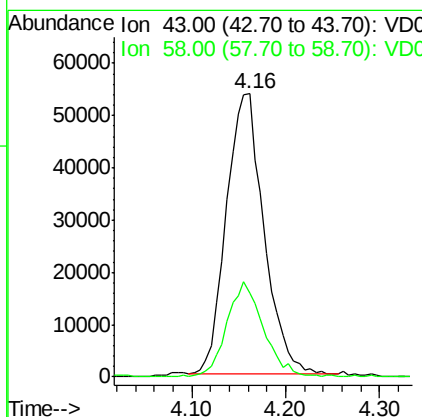
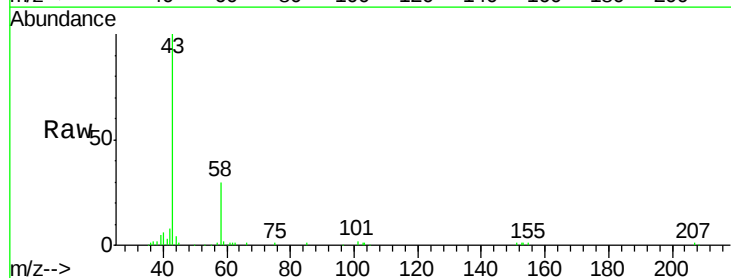
RT: 4.16 min Scan# 381

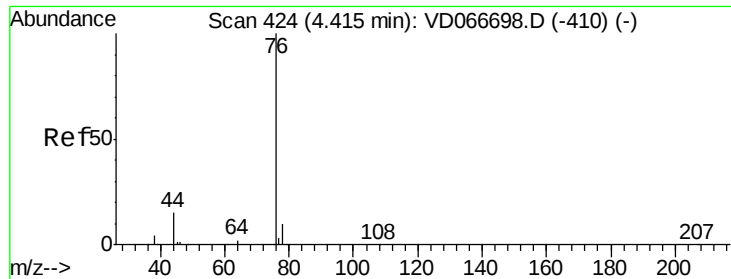
Delta R.T. 0.01 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Tgt Ion:	43	Resp:	148887
Ion Ratio	Lower	Upper	
43	100		
58	29.8	21.9	32.9





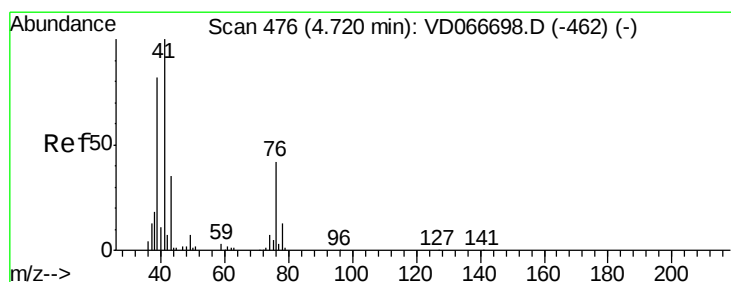
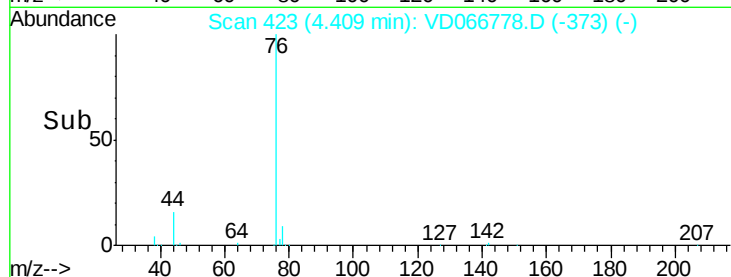
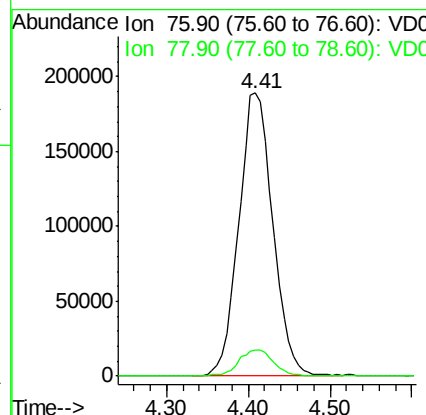
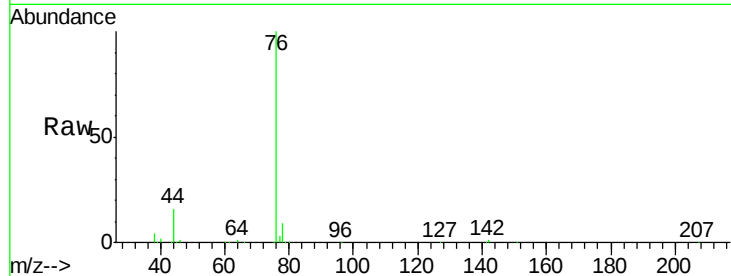
#17
Carbon Disulfide
Concen: 44.706 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.01 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	8.0	12.0

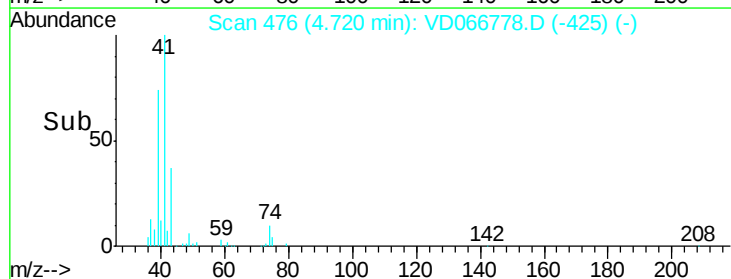
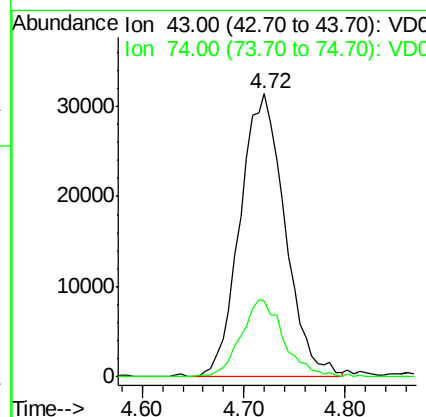
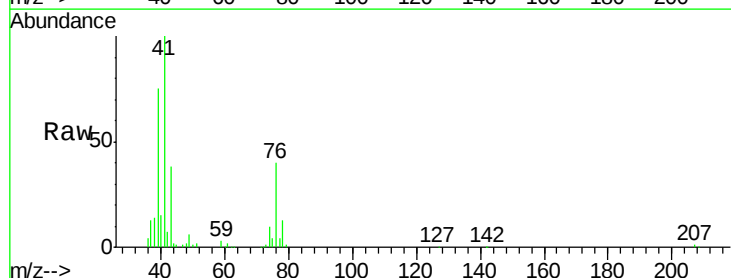
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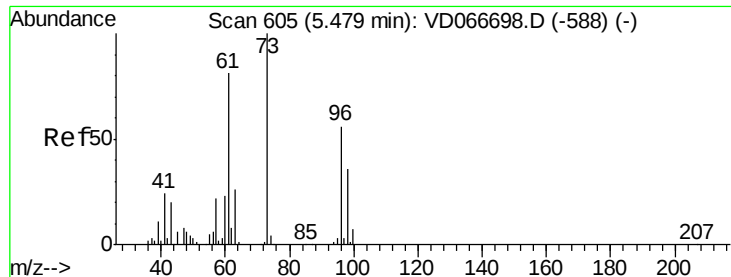
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#18
Methyl Acetate
Concen: 53.634 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.00 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.9	18.6	28.0





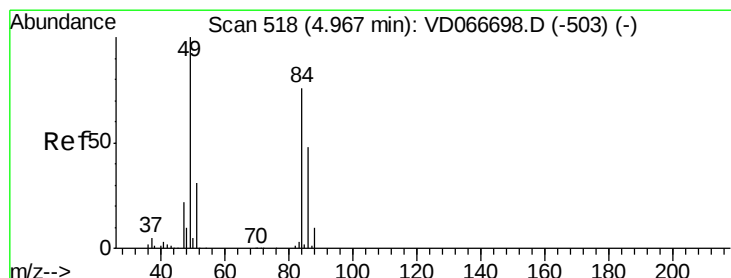
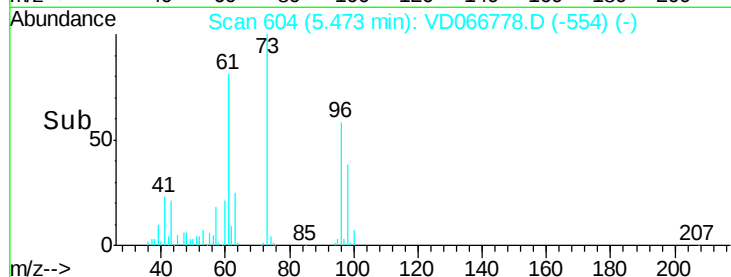
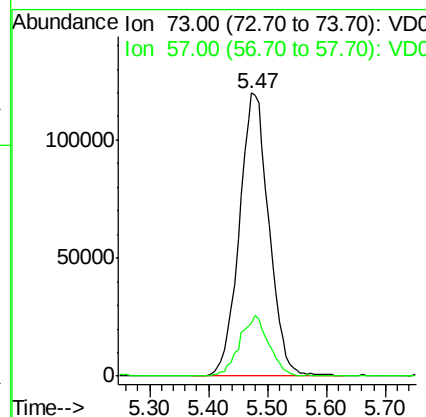
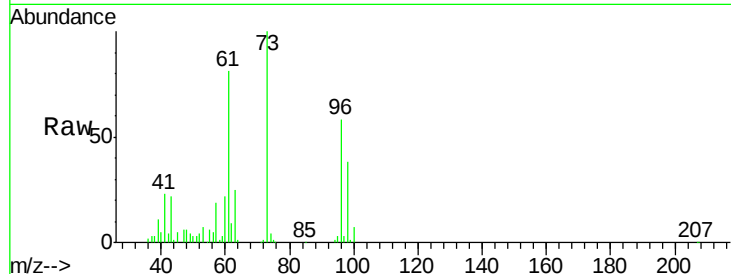
#19
Methyl tert-butyl Ether
Concen: 48.368 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 420593
Ion Ratio Lower Upper
73 100
57 18.8 17.8 26.6

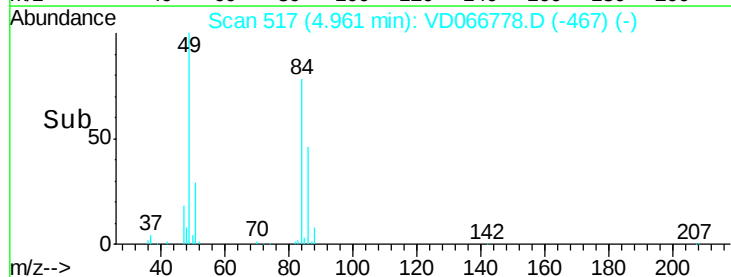
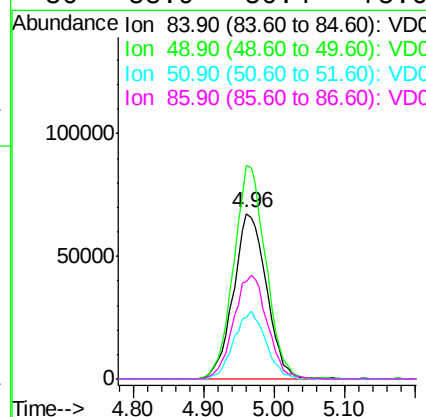
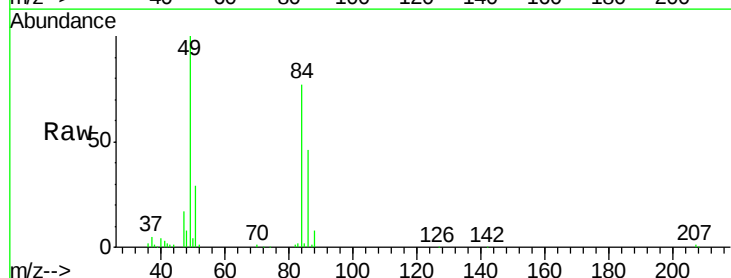
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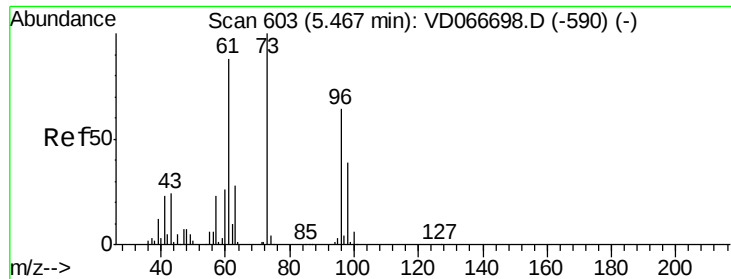
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#20
Methylene Chloride
Concen: 47.697 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Tgt Ion: 84 Resp: 218887
Ion Ratio Lower Upper
84 100
49 129.2 105.0 157.6
51 37.0 32.2 48.4
86 58.9 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 47.748 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.01 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Instrument :

MSVOA_D

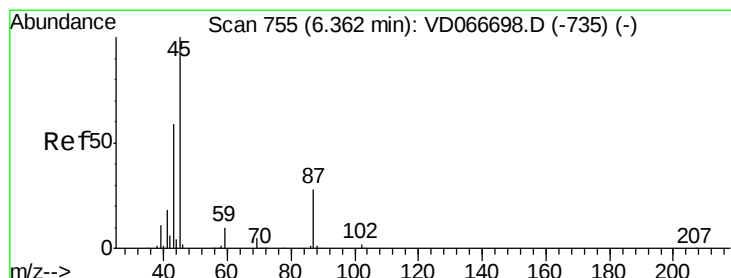
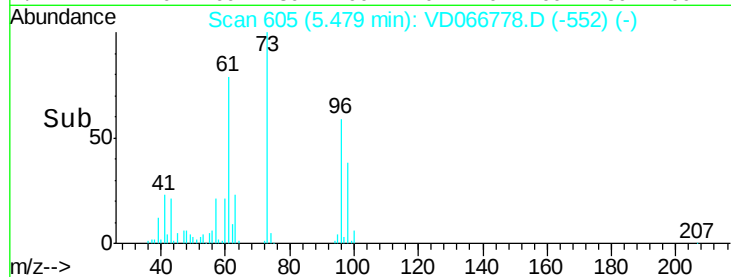
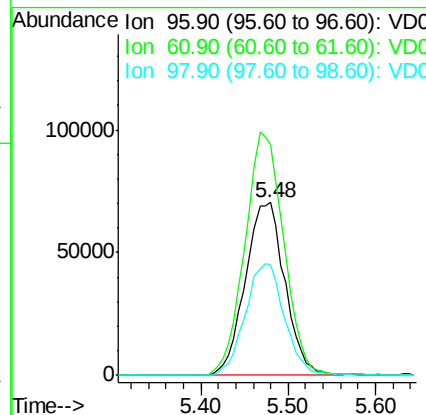
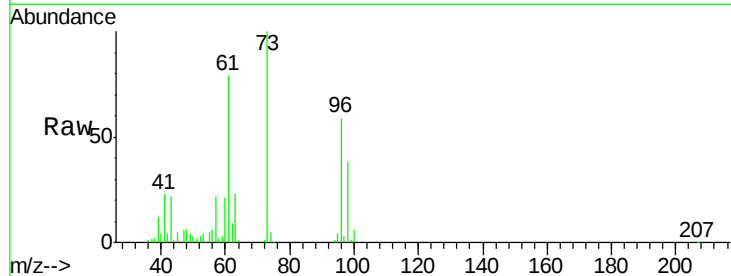
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	217173
Ion	Ratio	Lower	Upper
96	100		
61	133.4	110.6	166.0
98	63.6	49.2	73.8

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#22

Diisopropyl ether

Concen: 48.461 ug/l

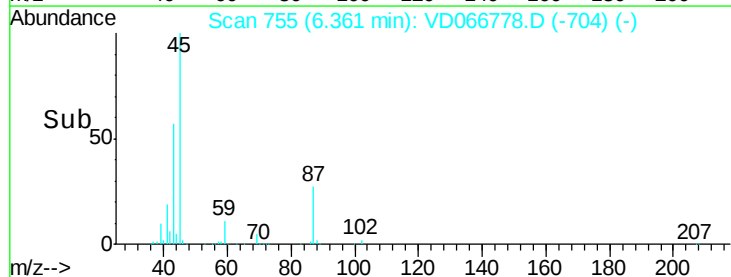
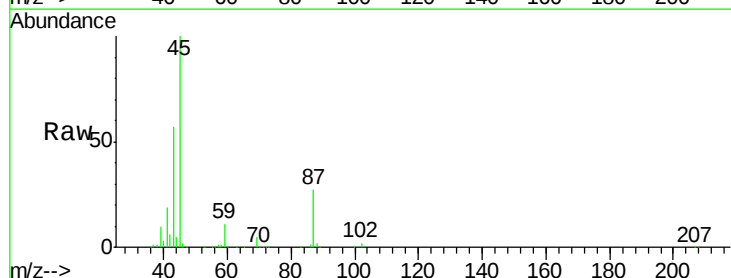
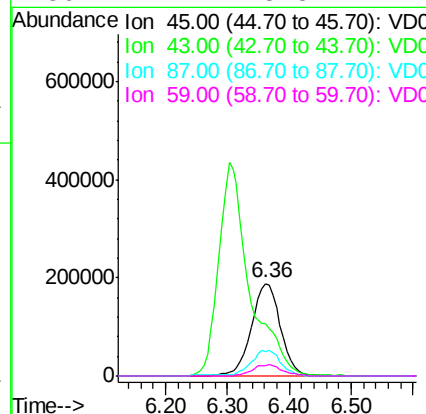
RT: 6.36 min Scan# 755

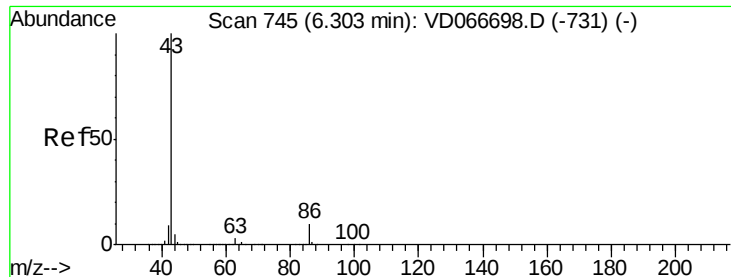
Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Tgt Ion:	45	Resp:	617357
Ion	Ratio	Lower	Upper
45	100		
43	56.3	46.9	70.3
87	26.8	22.4	33.6
59	11.4	8.5	12.7





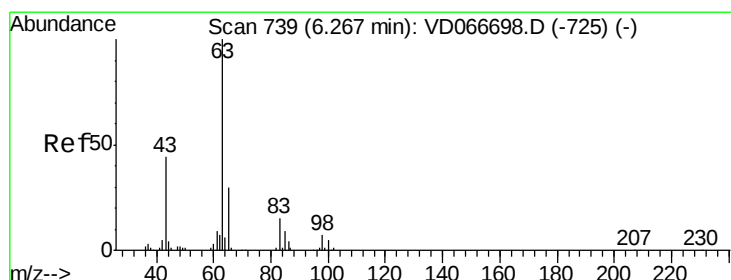
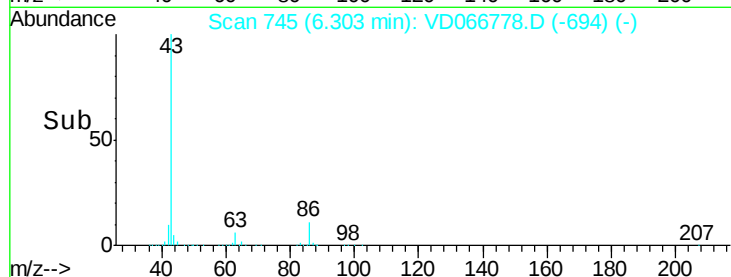
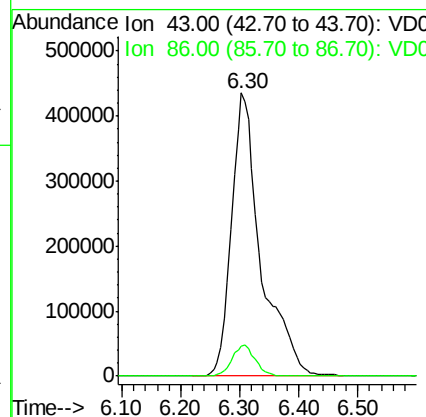
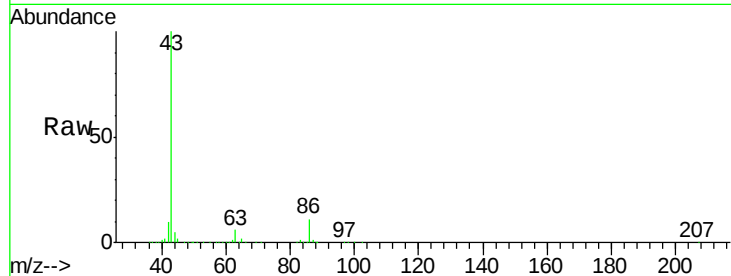
#23
 Vinyl Acetate
 Concen: 213.700 ug/l
 RT: 6.30 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: VD066778.D
 Acq: 18 Sep 2020 20:43

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1514319
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.8 11.8

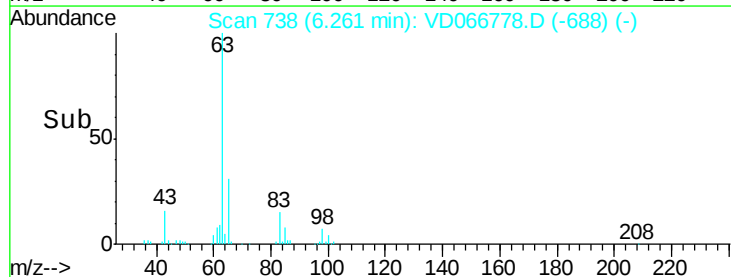
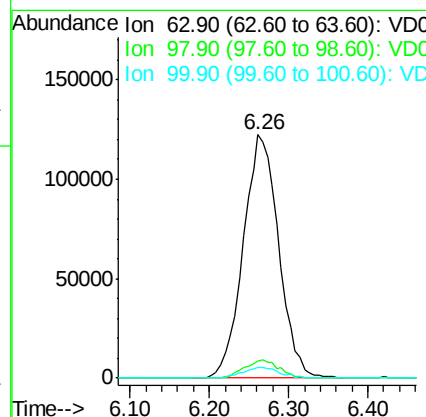
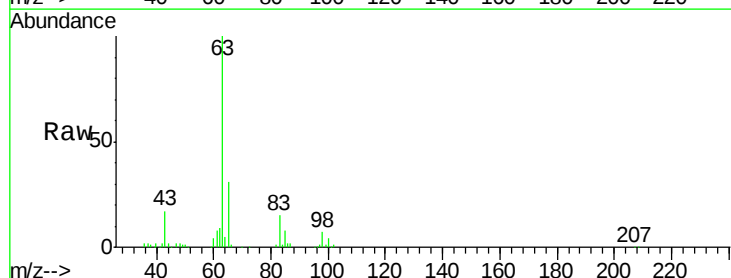
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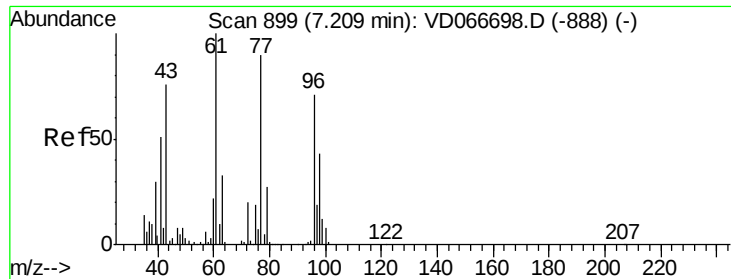
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#24
 1,1-Dichloroethane
 Concen: 46.967 ug/l
 RT: 6.26 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: VD066778.D
 Acq: 18 Sep 2020 20:43

Tgt Ion: 63 Resp: 379676
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.4 10.2
 100 4.2 2.6 8.0





#25

2-Butanone

Concen: 215.801 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 238206

Ion Ratio Lower Upper

43 100

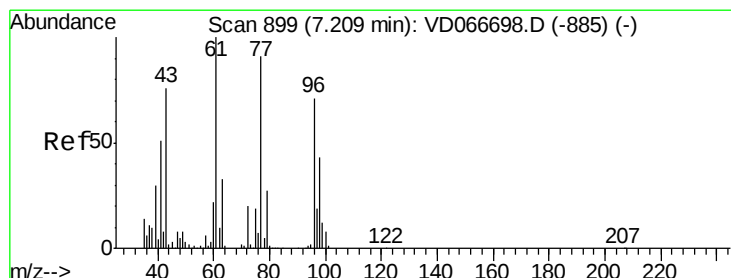
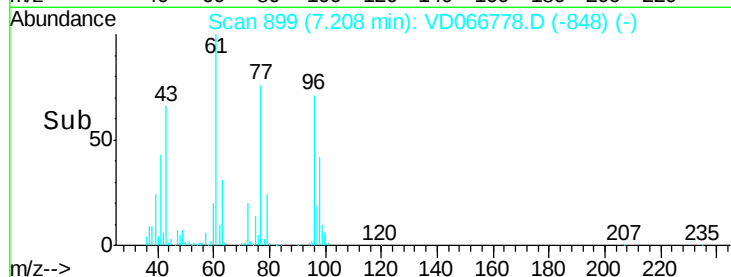
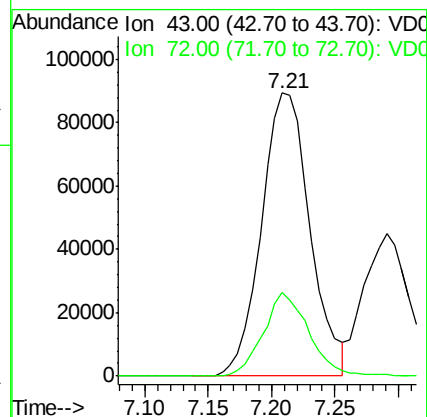
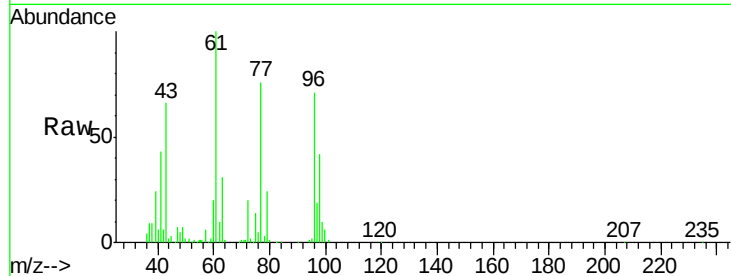
72 29.7 21.0 31.4

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#26

2,2-Dichloropropane

Concen: 39.473 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066778.D

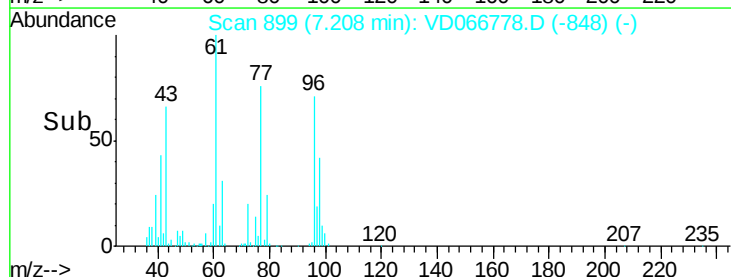
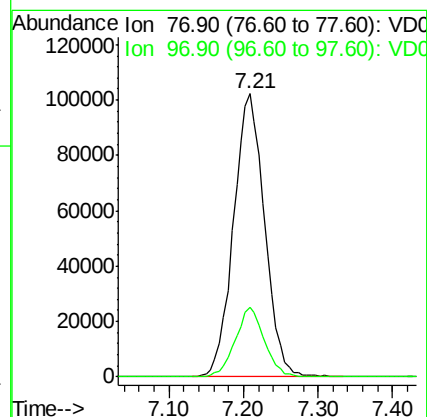
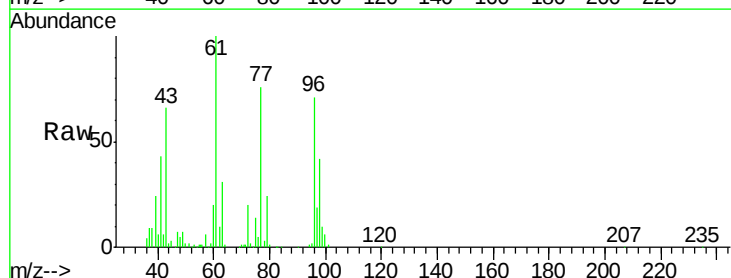
Acq: 18 Sep 2020 20:43

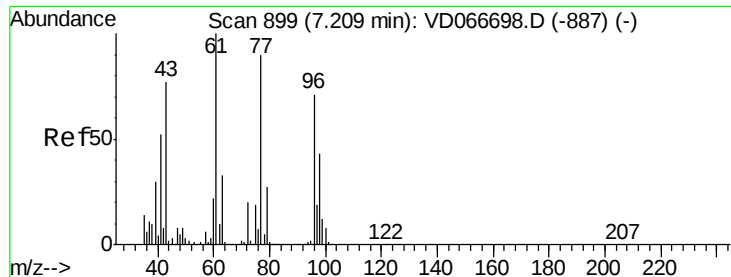
Tgt Ion: 77 Resp: 295076

Ion Ratio Lower Upper

77 100

97 22.9 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 49.469 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066778.D

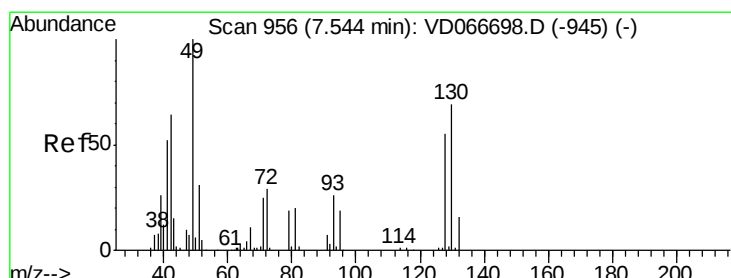
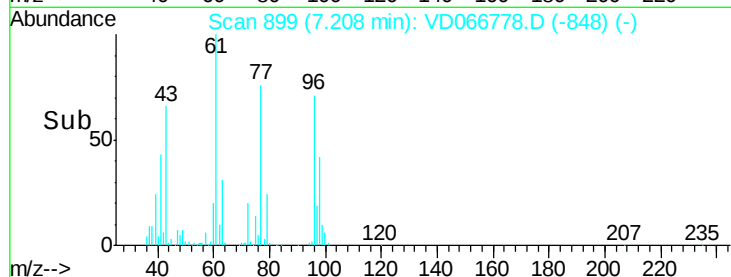
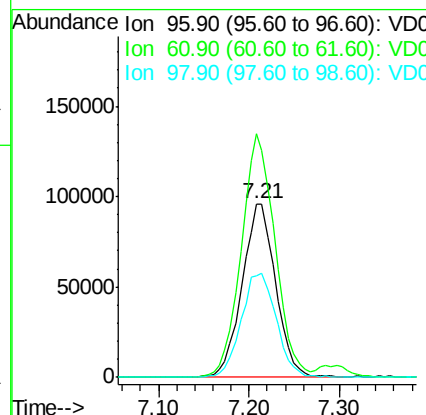
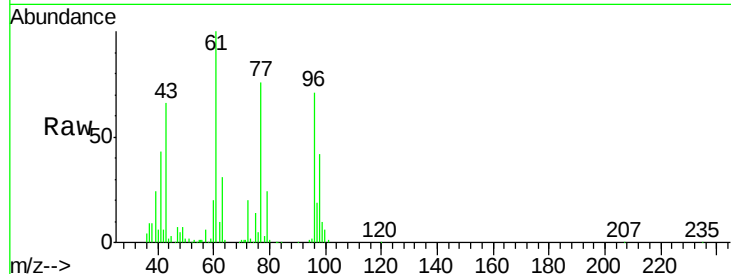
Acq: 18 Sep 2020 20:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	246150		
61	140.8	0.0	292.4	
98	62.8	0.0	127.0	

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#28

Bromochloromethane

Concen: 49.296 ug/l

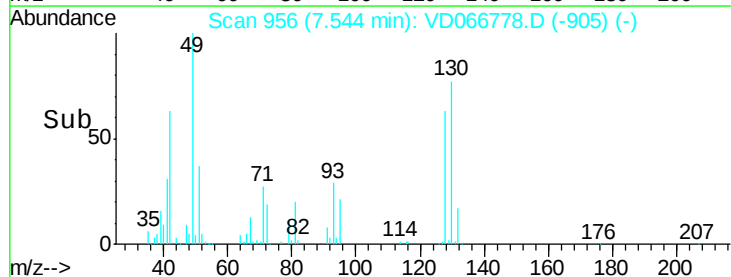
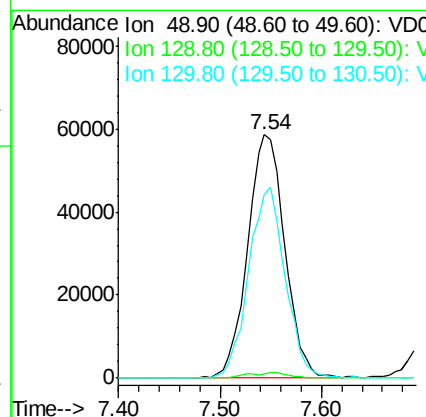
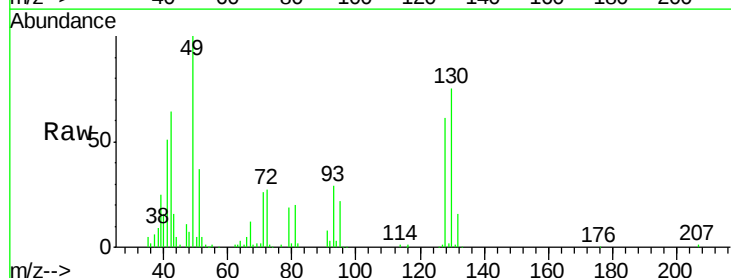
RT: 7.54 min Scan# 956

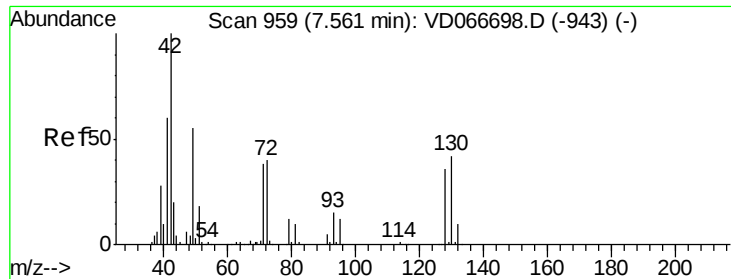
Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	148848		
129	2.4	0.0	3.8	
130	77.1	58.6	88.0	





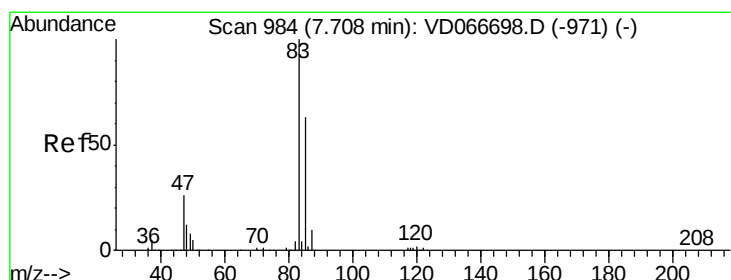
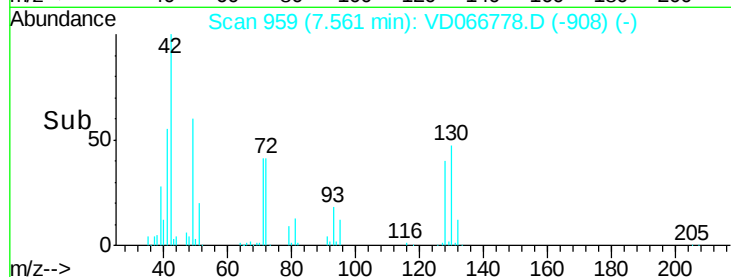
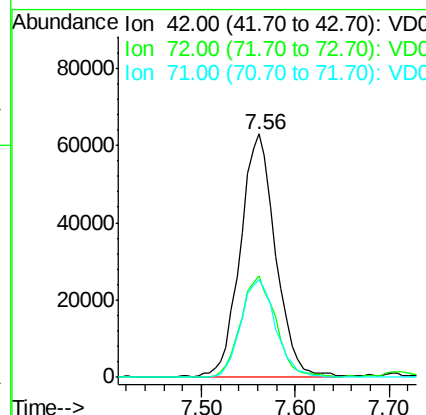
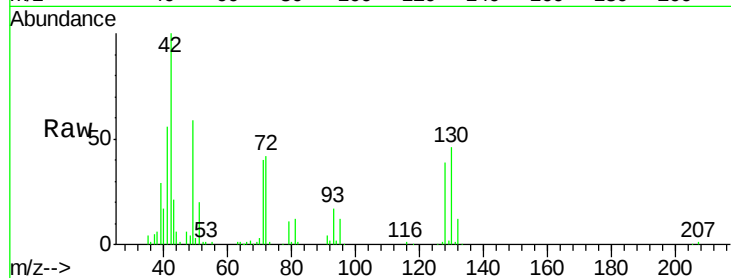
#29
Tetrahydrofuran
Concen: 242.920 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.3	32.6	48.8
71	39.6	30.6	45.8

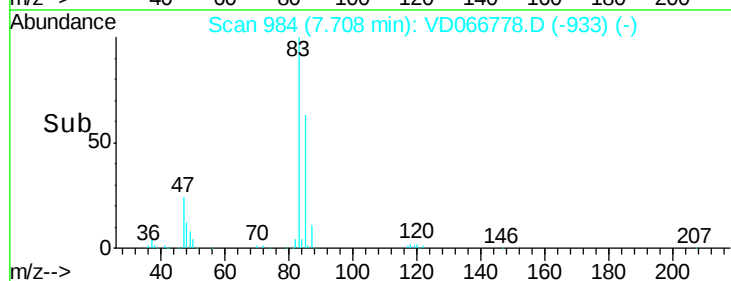
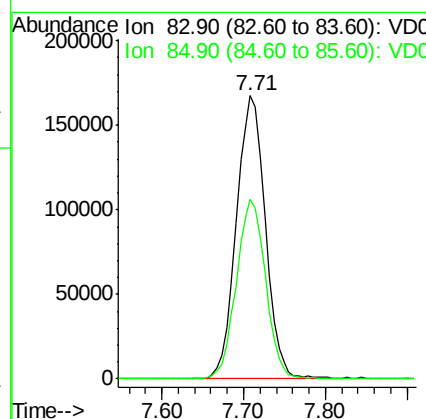
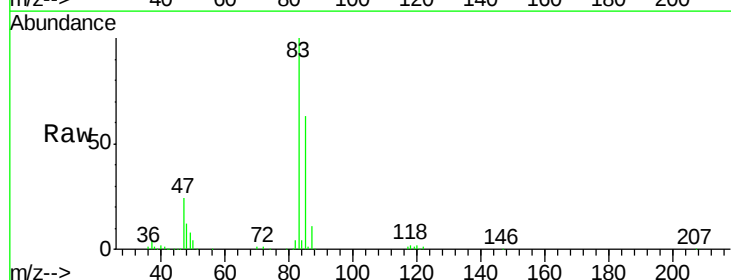
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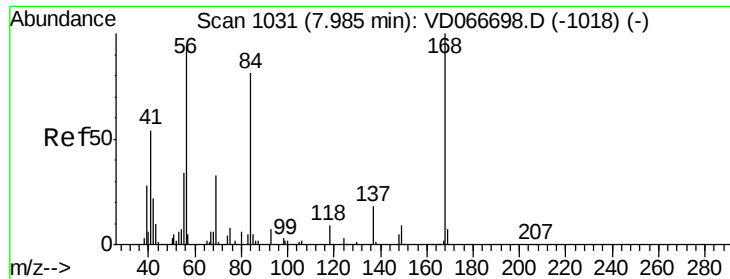
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#30
Chloroform
Concen: 48.085 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.6	76.0





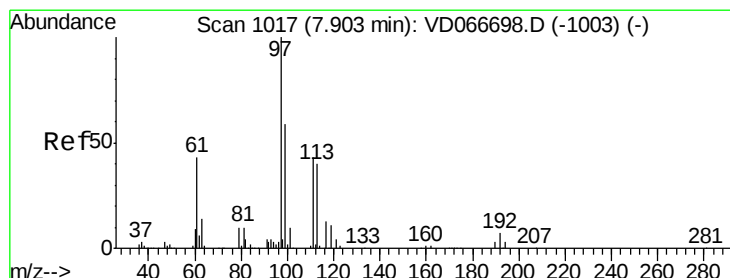
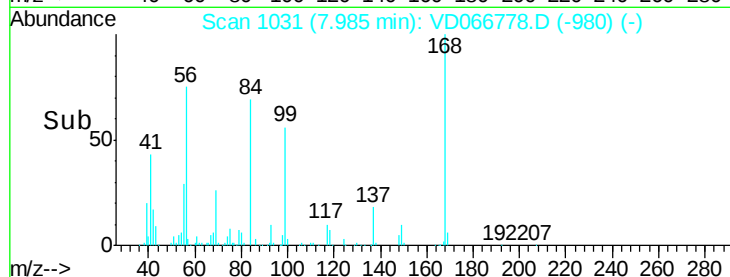
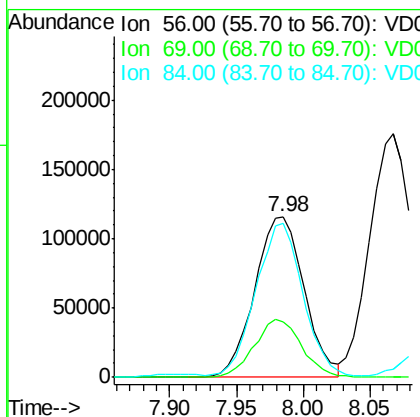
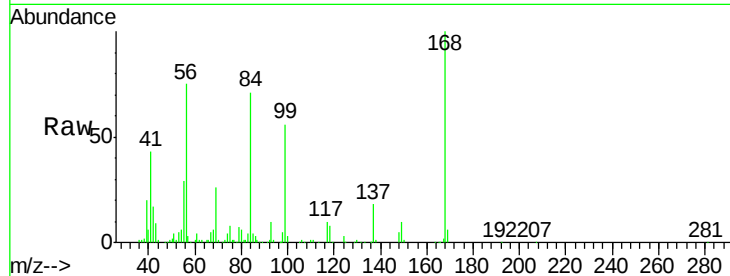
#31
Cyclohexane
Concen: 40.570 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.5	27.7	41.5
84	93.2	68.5	102.7

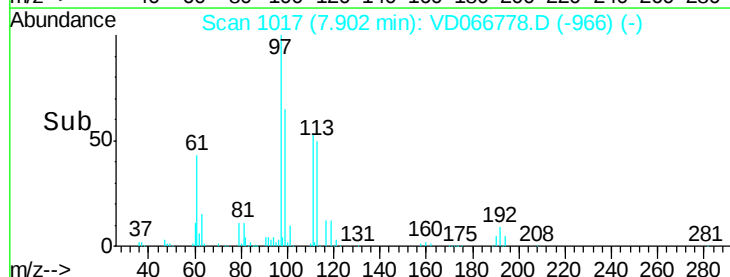
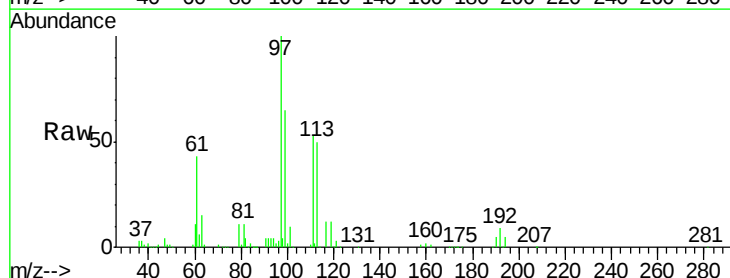
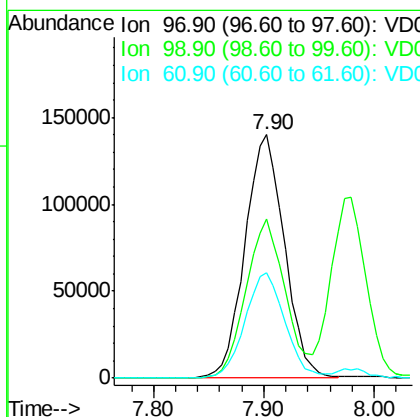
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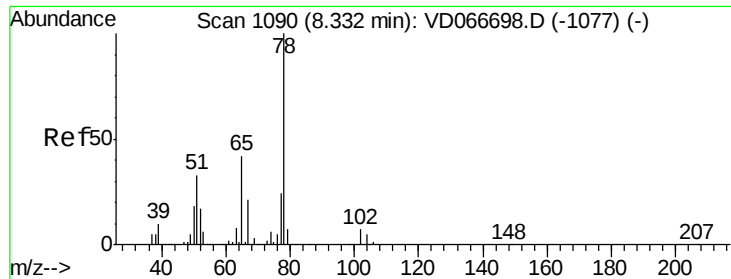
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#32
1,1,1-Trichloroethane
Concen: 44.596 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.7	51.0	76.4
61	44.1	35.2	52.8





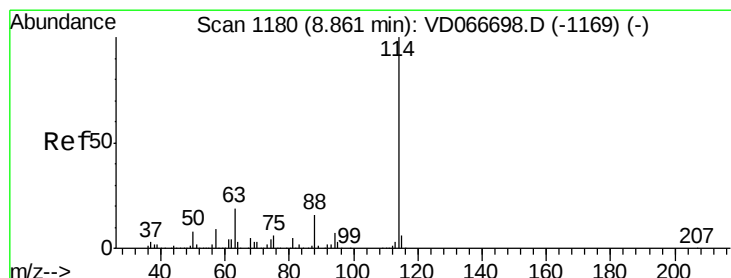
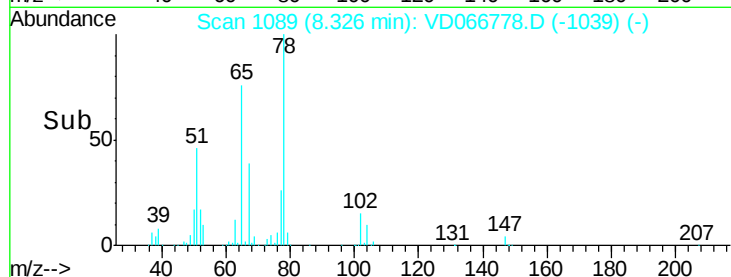
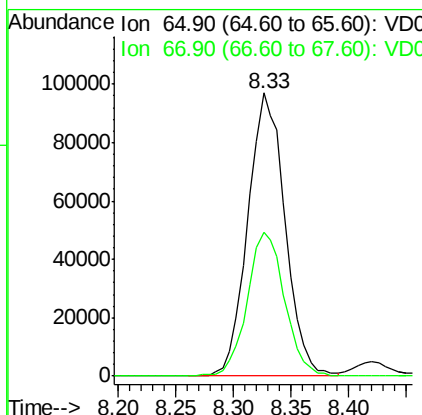
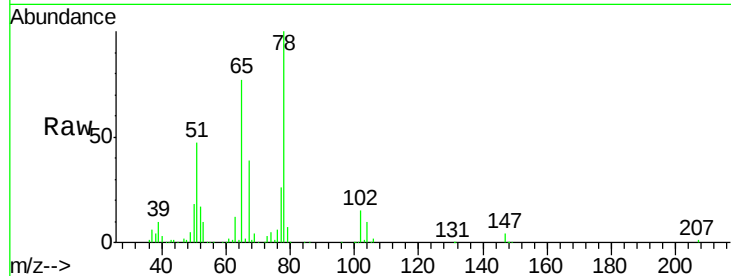
#33
 1,2-Dichloroethane-d4
 Concen: 52.429 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066778.D
 Acq: 18 Sep 2020 20:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	218248		
67	51.0	0.0	102.2	

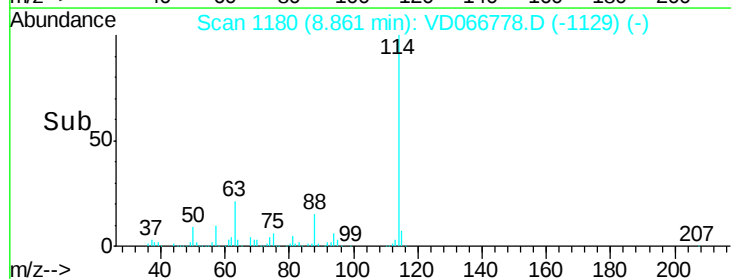
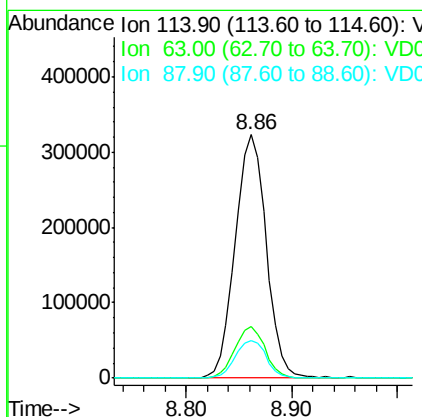
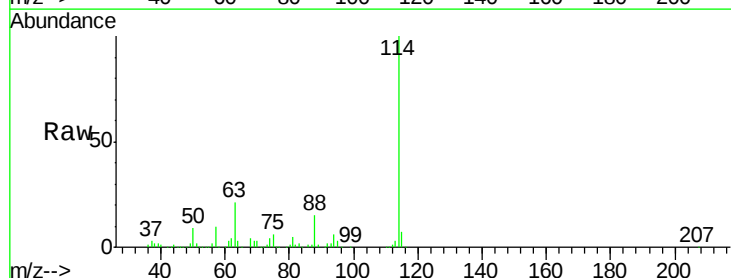
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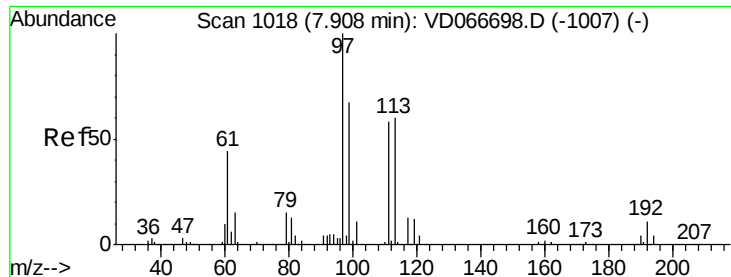
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066778.D
 Acq: 18 Sep 2020 20:43

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	659683		
63	21.1	0.0	37.6	
88	15.4	0.0	32.2	





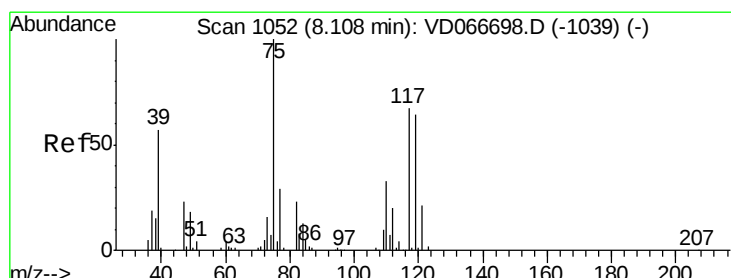
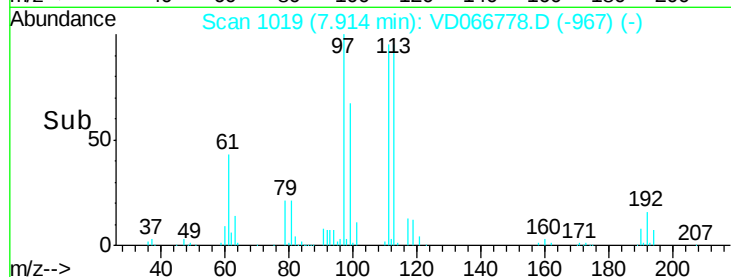
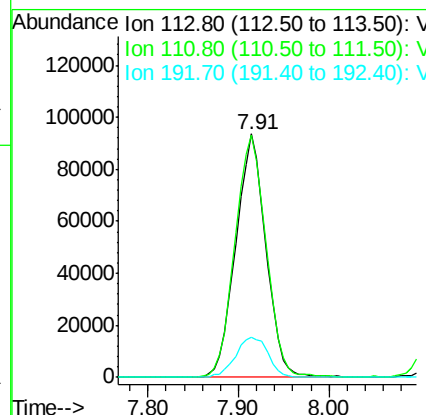
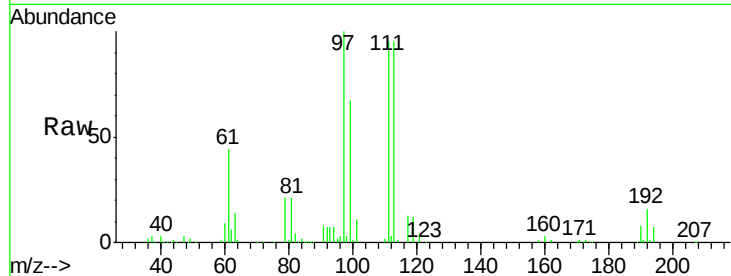
#35
 Dibromofluoromethane
 Concen: 53.449 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066778.D
 Acq: 18 Sep 2020 20:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	216175		
111	103.1	83.2	124.8	
192	18.0	14.8	22.2	

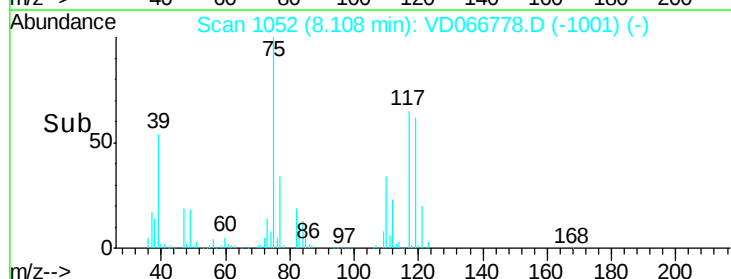
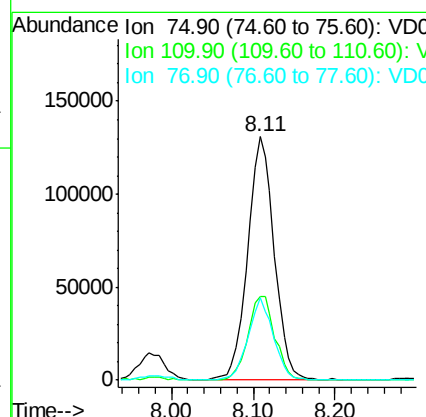
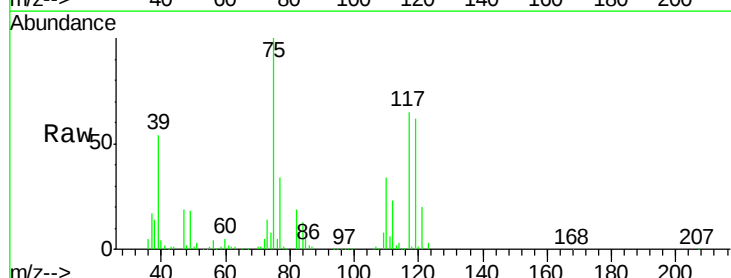
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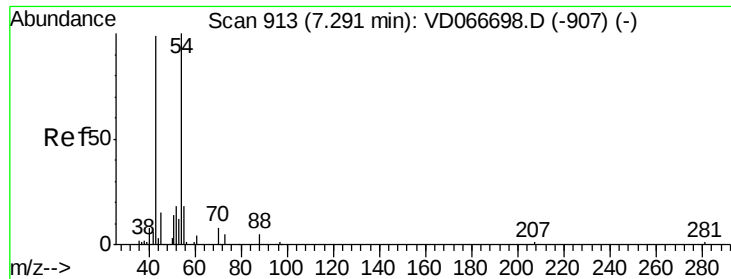
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#36
 1,1-Dichloropropene
 Concen: 43.395 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066778.D
 Acq: 18 Sep 2020 20:43

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	294326		
110	35.1	17.1	51.2	
77	32.2	25.0	37.6	





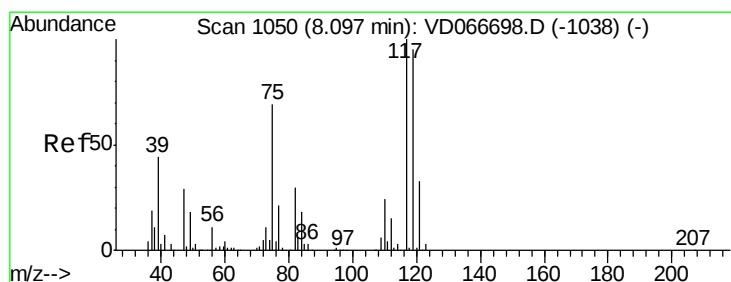
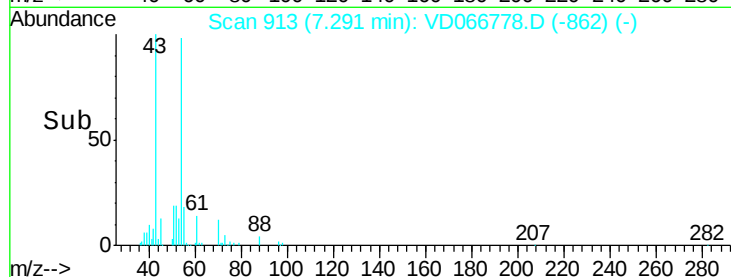
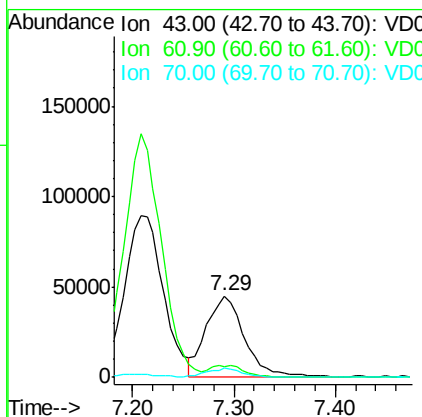
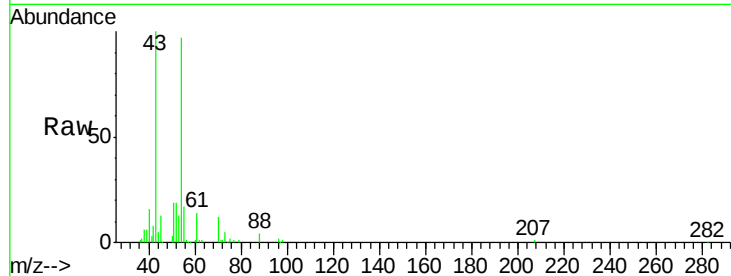
#37
Ethyl Acetate
Concen: 45.342 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Instrument :
MSVOA_D
ClientSampleID :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.4	15.6
70	10.6	7.5	11.3

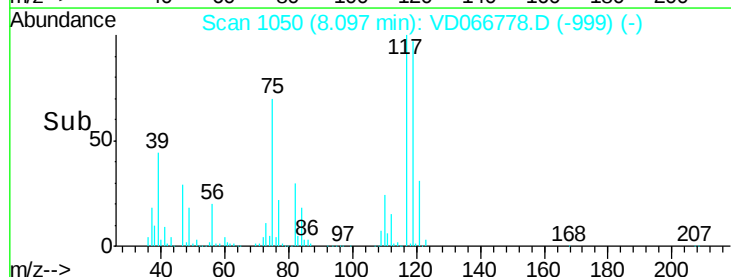
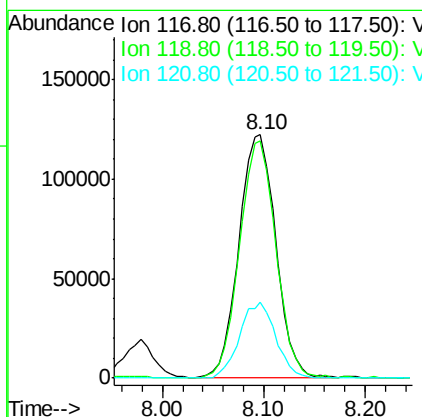
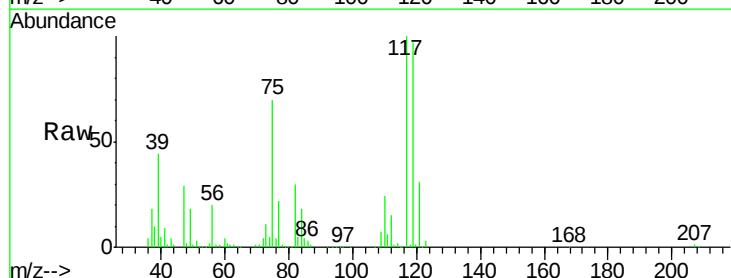
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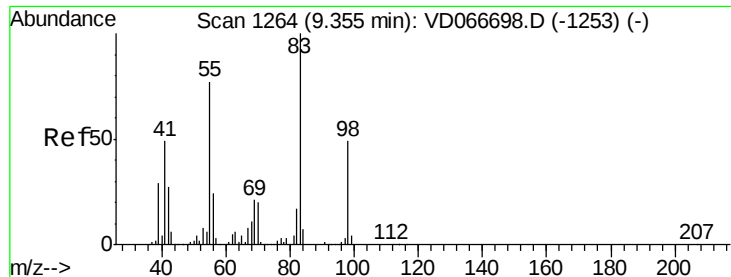
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#38
Carbon Tetrachloride
Concen: 42.875 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	75.8	113.6
121	31.3	26.2	39.4





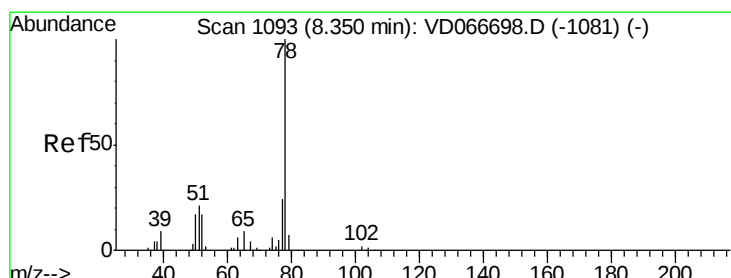
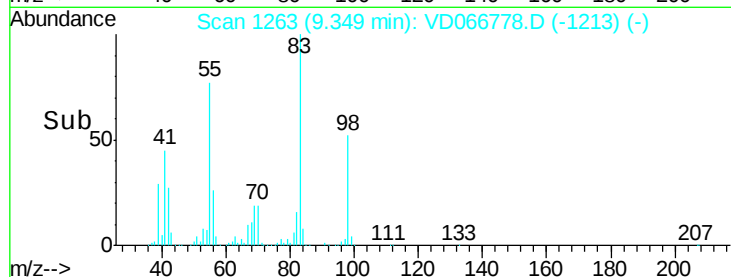
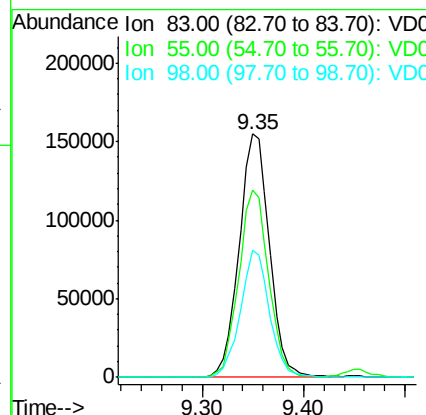
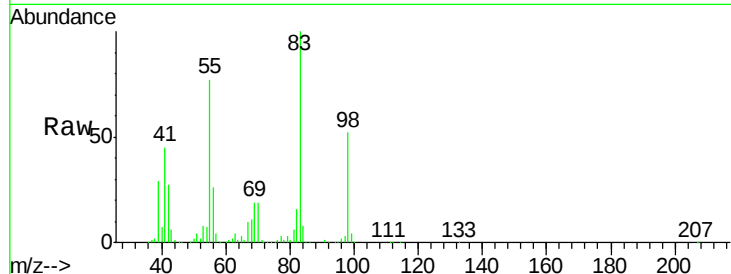
#39
Methvlcvclohexane
Concen: 41.456 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	76.9	61.5	92.3	
98	52.4	39.3	58.9	

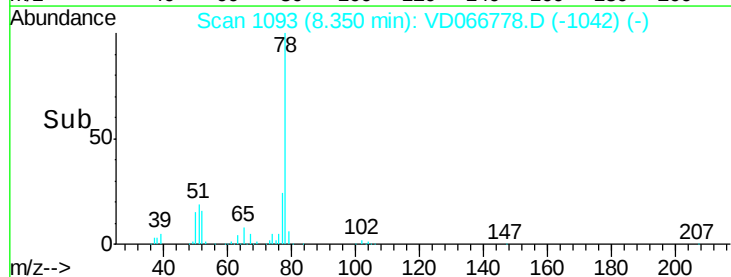
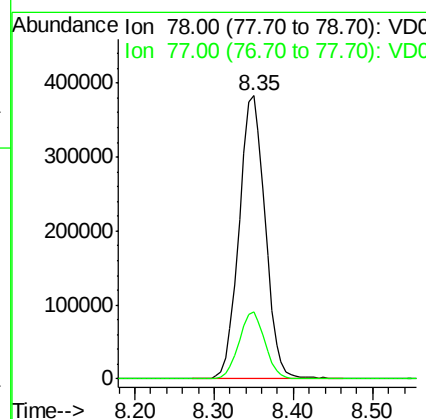
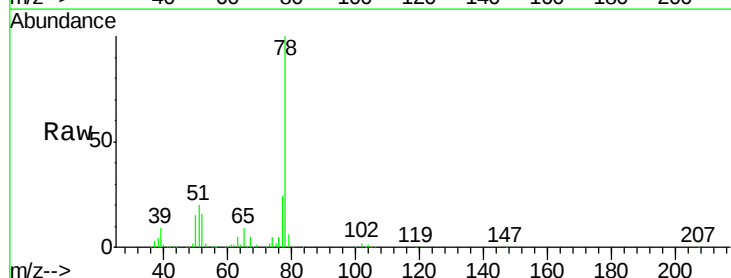
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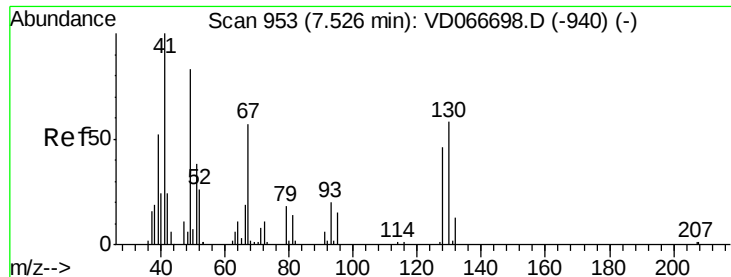
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#40
Benzene
Concen: 47.565 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.6	19.3	28.9	





#41

Methacrylonitrile

Concen: 52.644 ug/l m

RT: 7.53 min Scan# 954

Delta R.T. 0.01 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 71562

Ion Ratio Lower Upper

41 100

39 0.0 59.3 88.9#

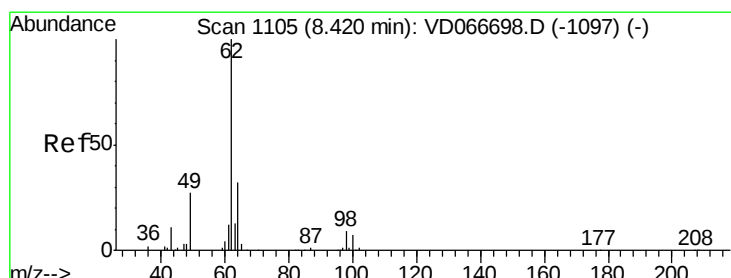
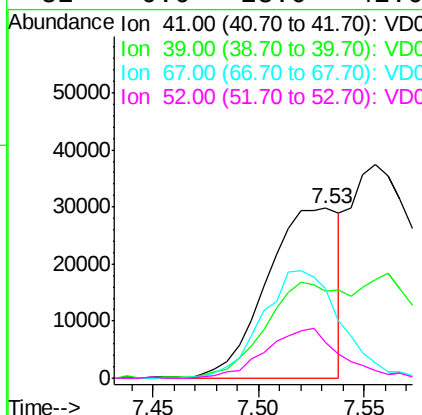
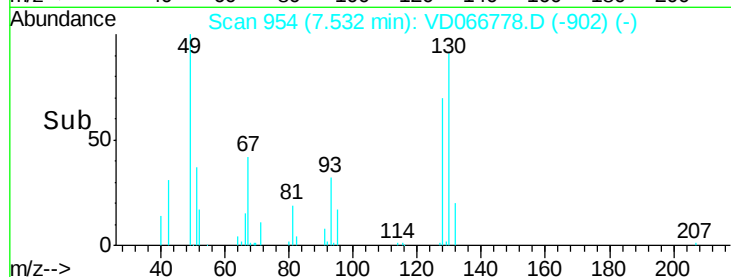
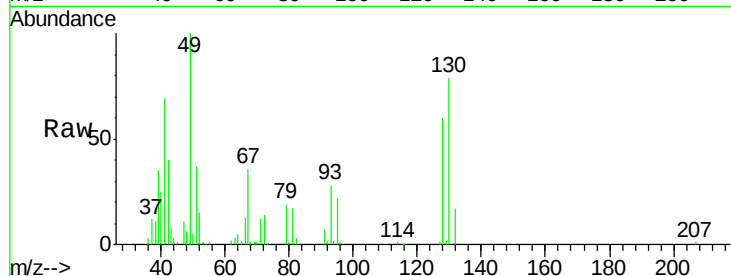
67 0.0 62.3 93.5#

52 0.0 28.0 42.0#

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 46.018 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VD066778.D

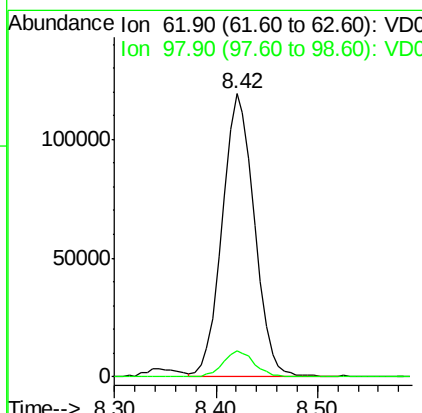
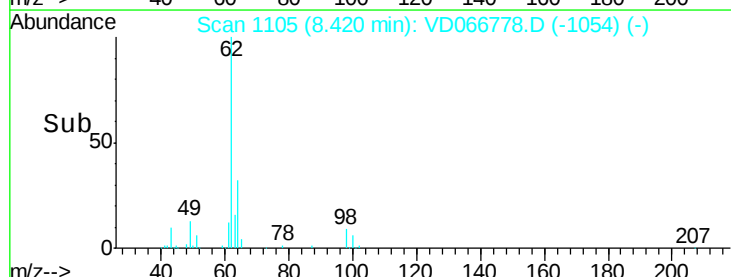
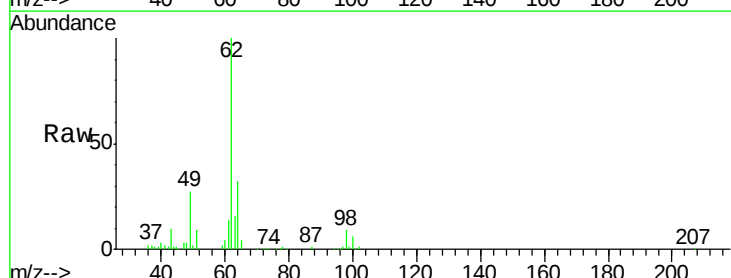
Acq: 18 Sep 2020 20:43

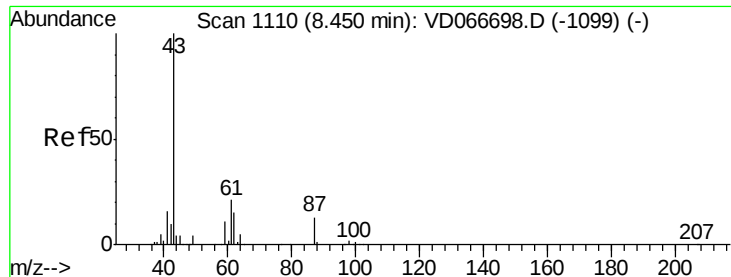
Tgt Ion: 62 Resp: 261601

Ion Ratio Lower Upper

62 100

98 9.1 0.0 17.6





#43

Isopropyl Acetate

Concen: 45.483 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Instrument :

MSVOA_D

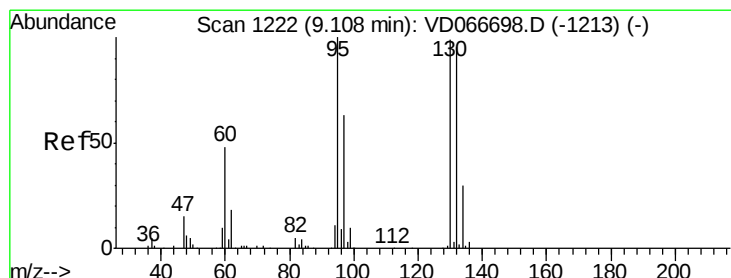
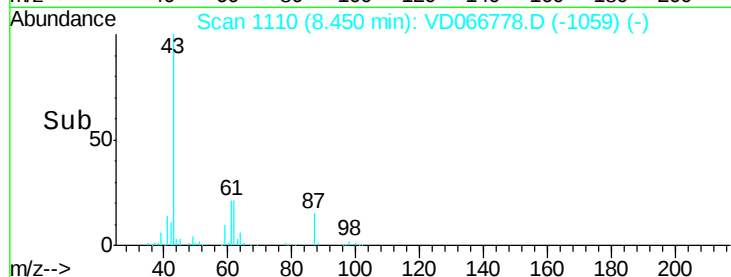
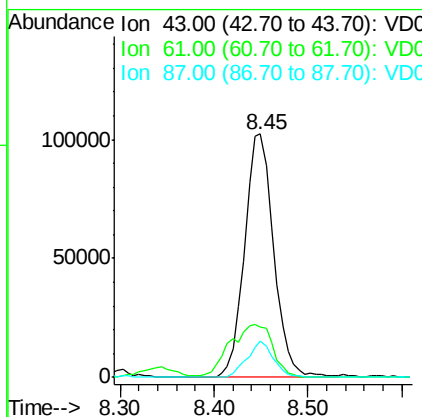
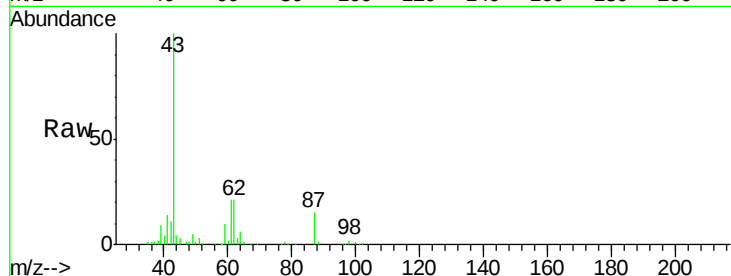
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	219816
Ion	Ratio	Lower	Upper
43	100		
61	32.2	24.8	37.2
87	13.6	10.4	15.6

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#44

Trichloroethene

Concen: 47.009 ug/l

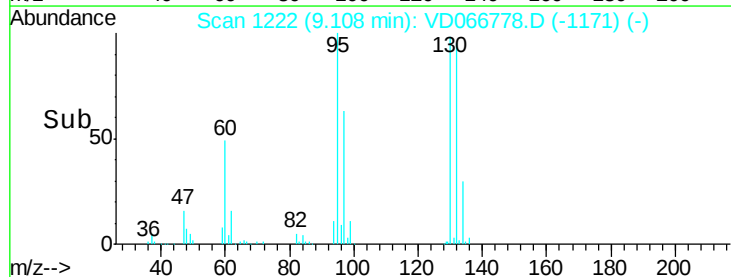
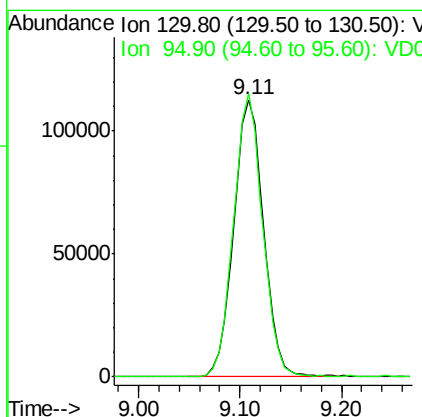
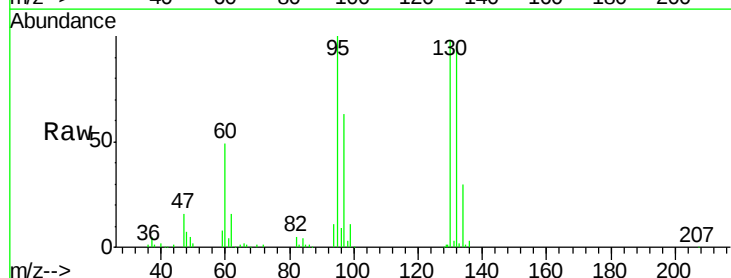
RT: 9.11 min Scan# 1222

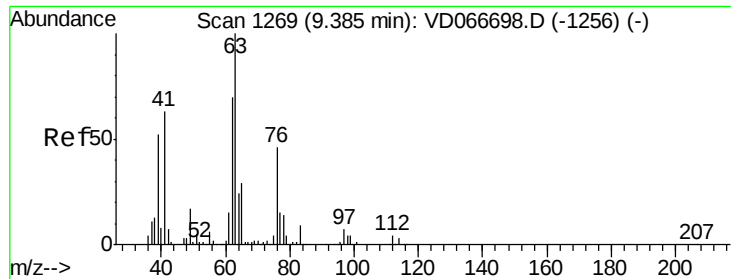
Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Tgt Ion:	130	Resp:	230633
Ion	Ratio	Lower	Upper
130	100		
95	102.0	0.0	201.4





#45

1,2-Dichloropropane

Concen: 48.307 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 219134

Ion Ratio Lower Upper

63 100

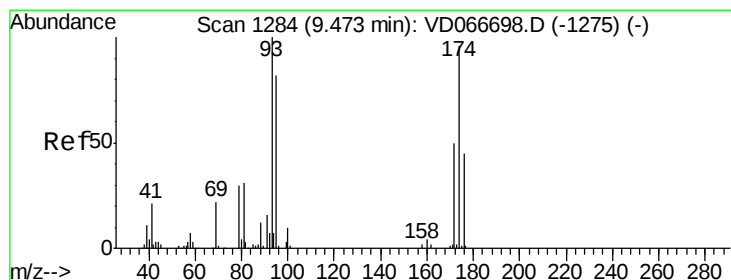
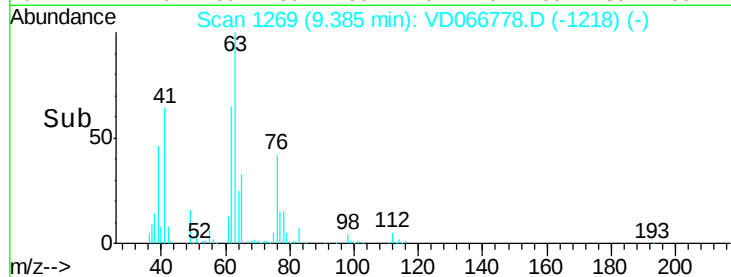
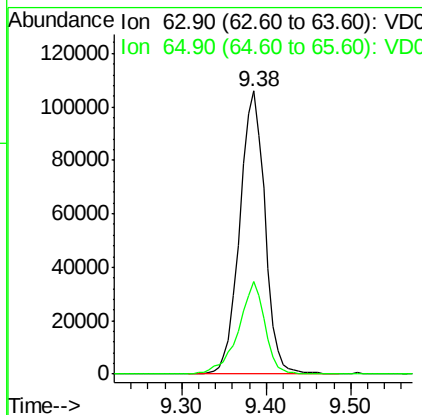
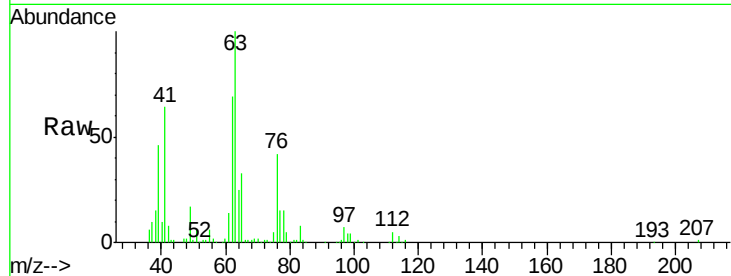
65 32.7 23.4 35.0

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#46

Dibromomethane

Concen: 47.680 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

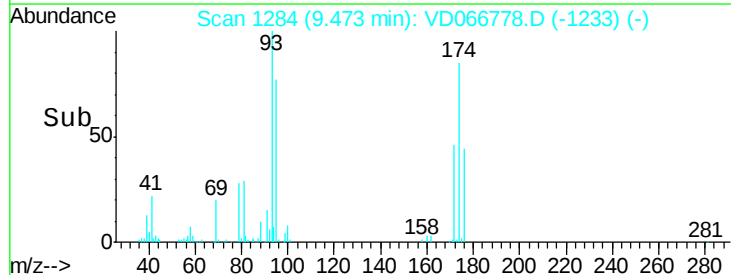
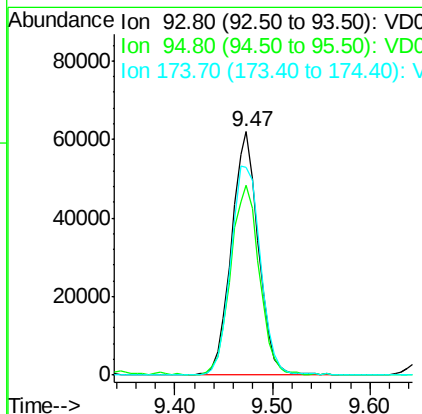
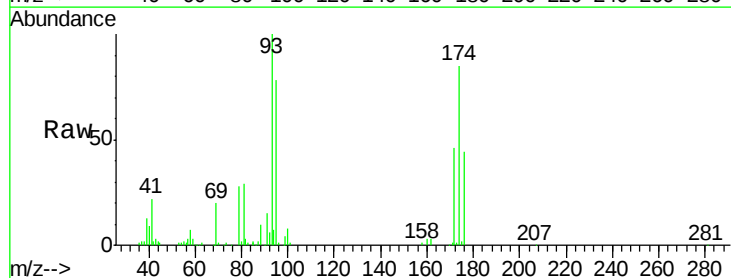
Tgt Ion: 93 Resp: 118852

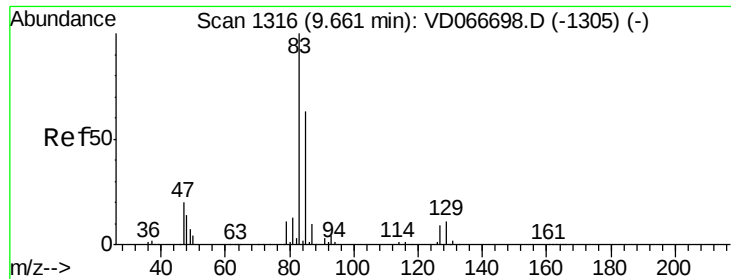
Ion Ratio Lower Upper

93 100

95 82.8 66.0 99.0

174 94.7 72.3 108.5





#47

Bromodichloromethane

Concen: 47.388 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Instrument :

MSVOA_D

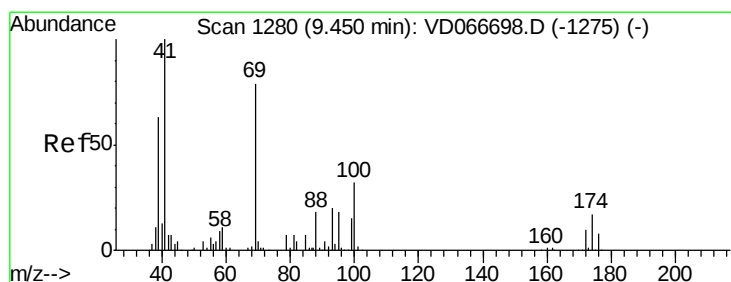
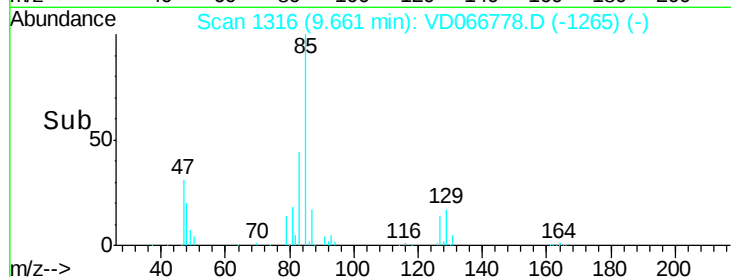
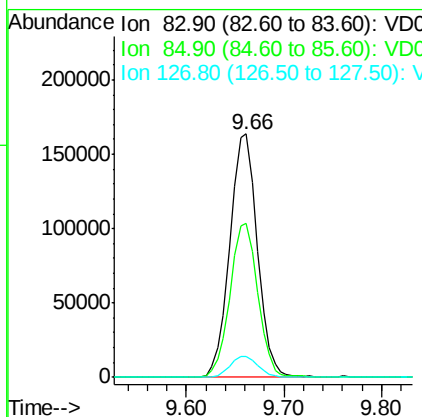
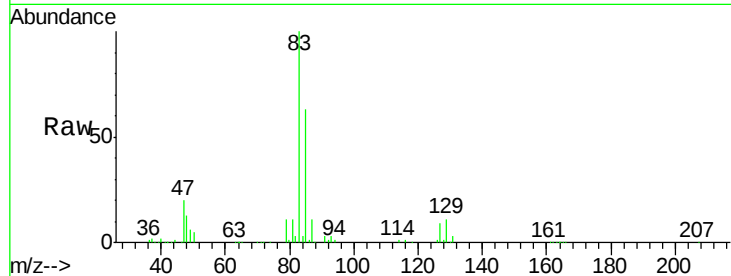
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	321882
Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.1	75.1
127	8.7	6.9	10.3

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#48

Methyl methacrylate

Concen: 45.695 ug/l

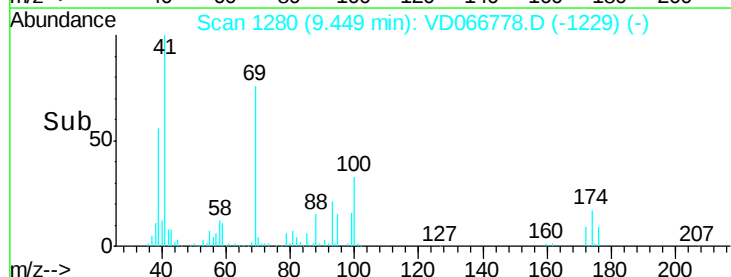
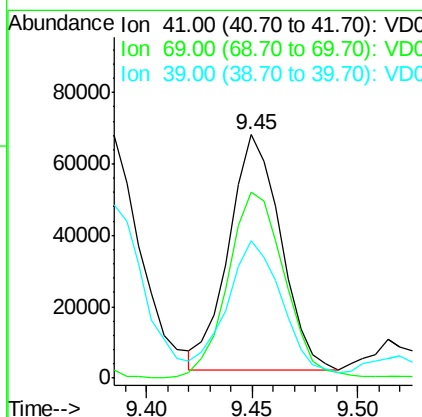
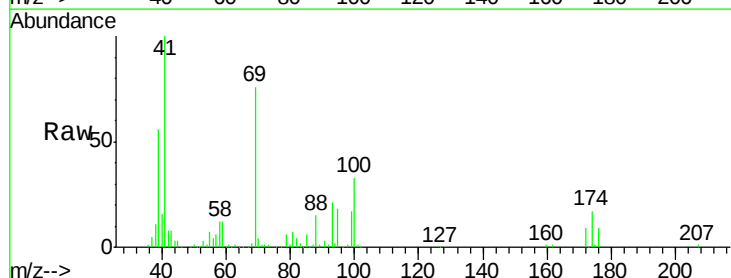
RT: 9.45 min Scan# 1280

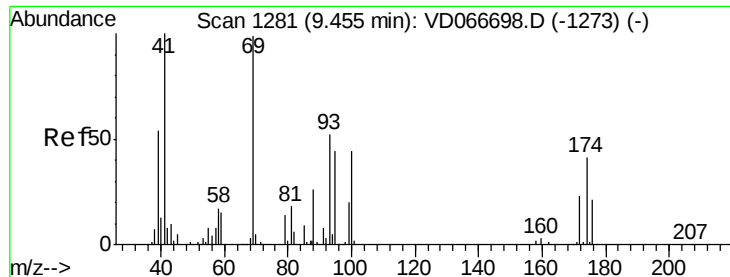
Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Tgt Ion:	41	Resp:	112331
Ion	Ratio	Lower	Upper
41	100		
69	85.5	62.4	93.6
39	63.6	44.8	67.2





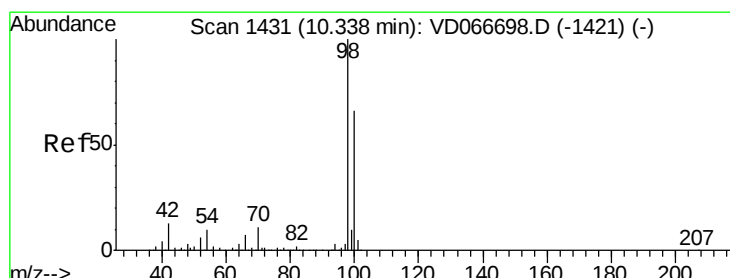
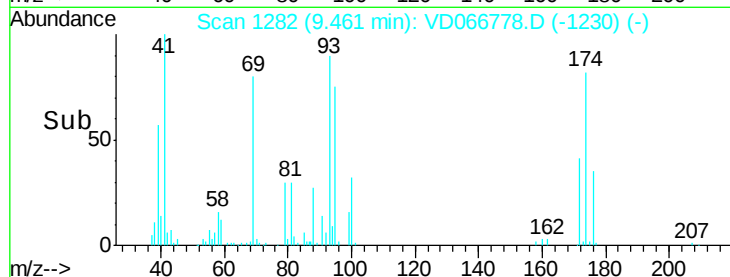
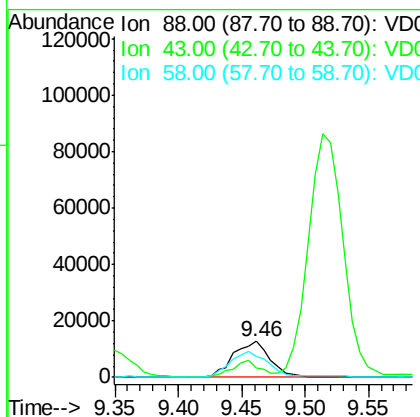
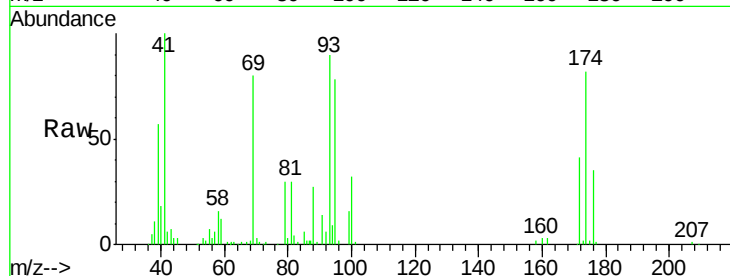
#49
1,4-Dioxane
Concen: 970.646 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.01 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.3	29.3	43.9
58	72.7	51.4	77.2

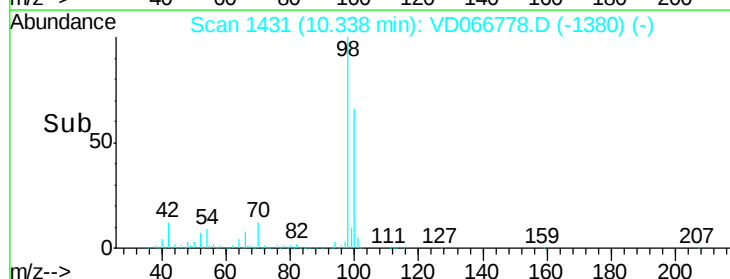
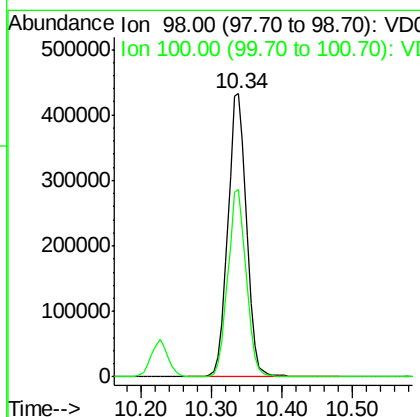
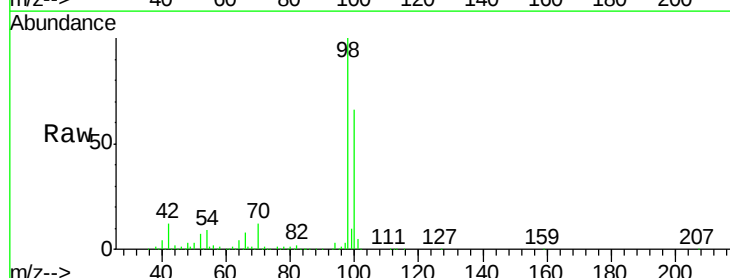
Manual Integrations
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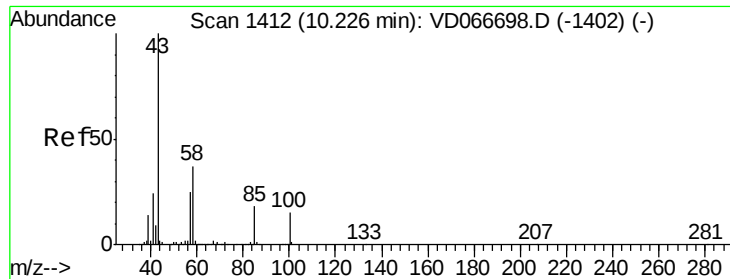
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#50
Toluene-d8
Concen: 55.019 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.7	79.1





#51

4-Methyl-2-Pentanone

Concen: 232.464 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 578405

Ion Ratio Lower Upper

43 100

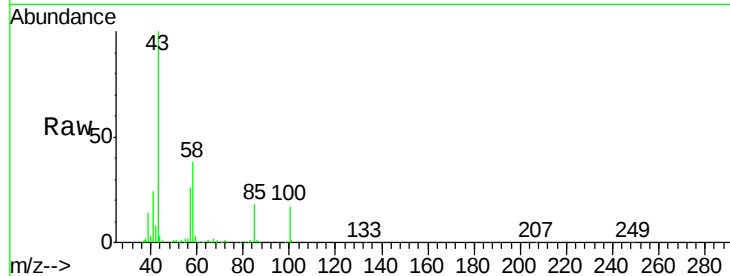
58 38.9 30.4 45.6

Manual Integrations

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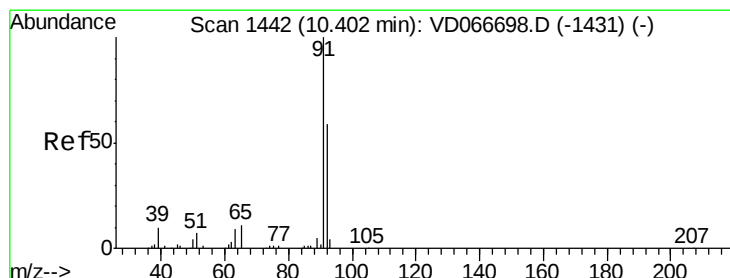
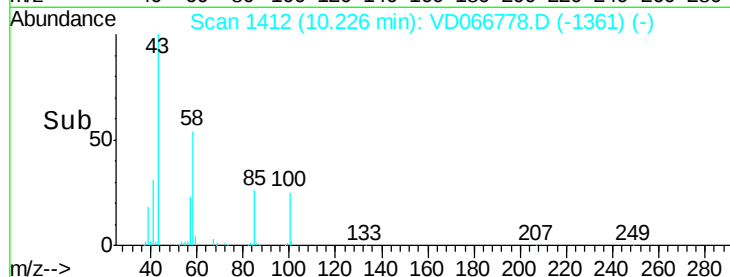
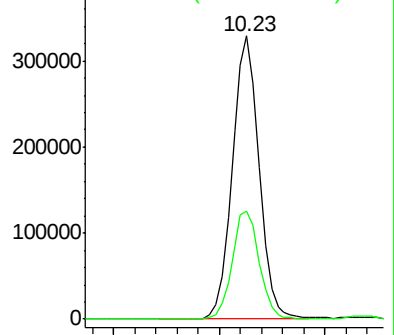
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 48.262 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066778.D

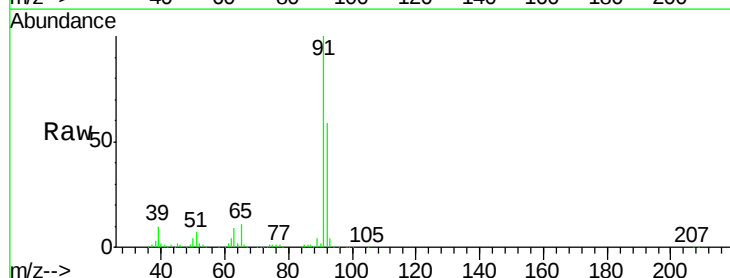
Acq: 18 Sep 2020 20:43

Tgt Ion: 92 Resp: 567319

Ion Ratio Lower Upper

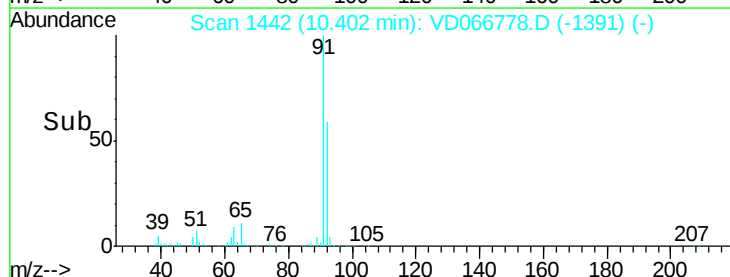
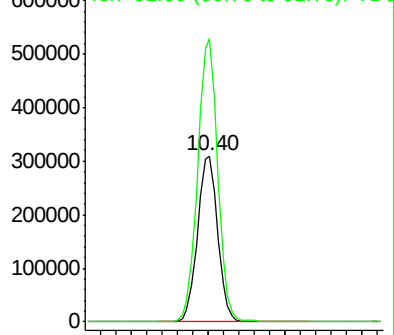
92 100

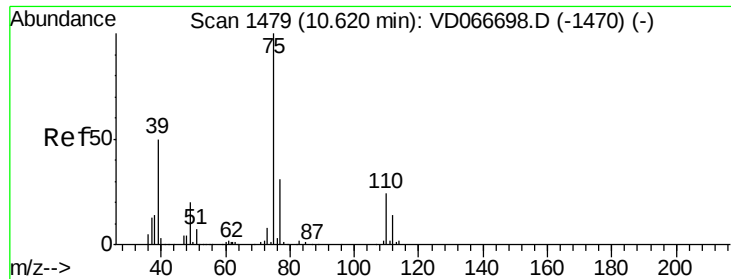
91 169.2 135.8 203.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





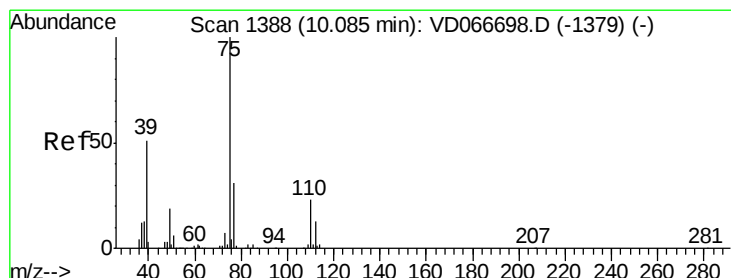
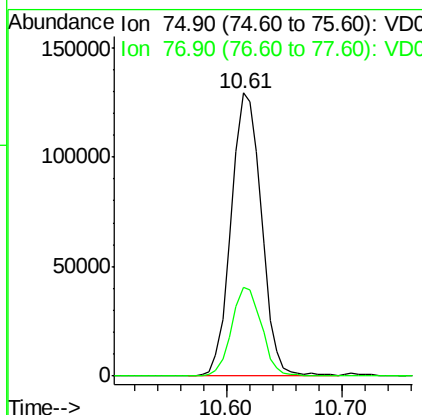
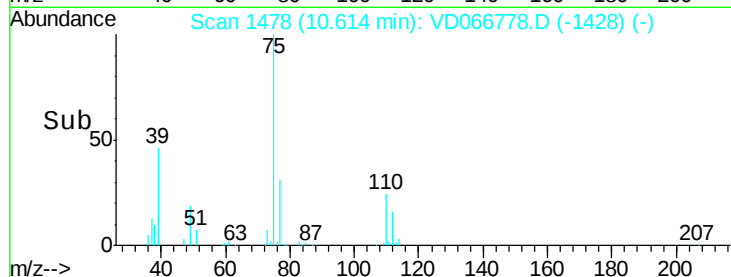
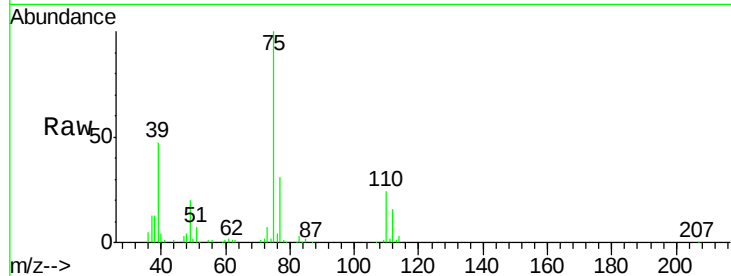
#53
 t-1,3-Dichloropropene
 Concen: 38.821 ug/l
 RT: 10.61 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: VD066778.D
 Acq: 18 Sep 2020 20:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 235558
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.6 36.8

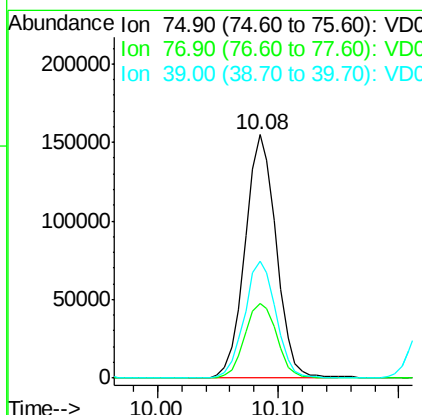
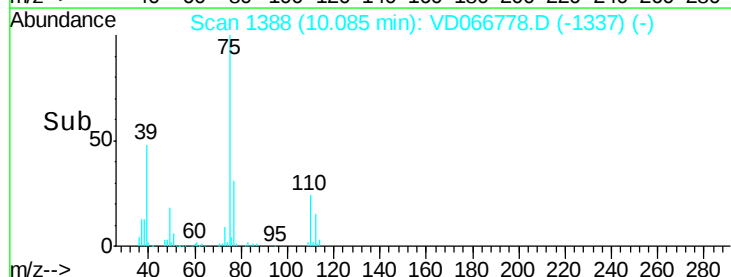
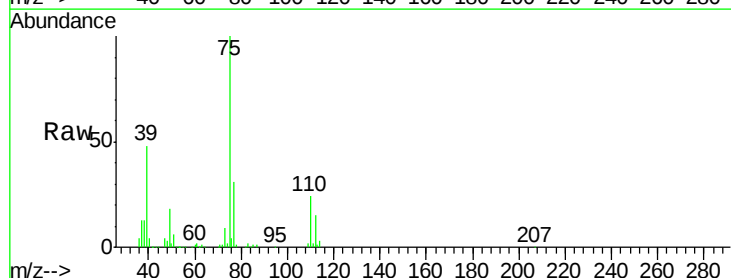
Manual Integrations
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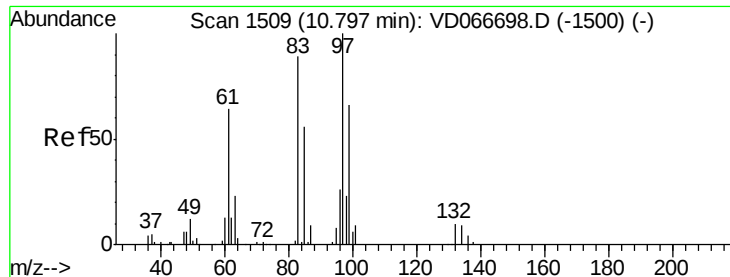
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#54
 cis-1,3-Dichloropropene
 Concen: 38.719 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VD066778.D
 Acq: 18 Sep 2020 20:43

Tgt Ion: 75 Resp: 279053
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.0 37.6
 39 48.1 40.6 61.0





#55

1,1,2-Trichloroethane

Concen: 47.306 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Instrument :

MSVOA_D

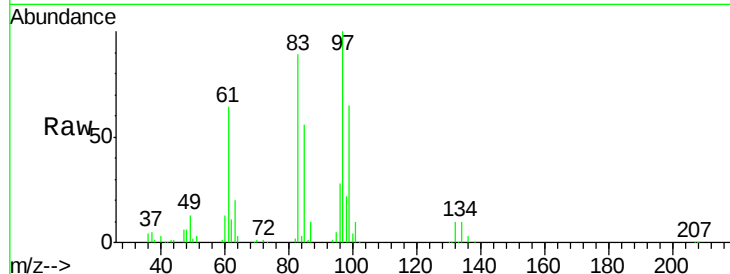
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	155473
Ion	Ratio	Lower	Upper
97	100		
83	88.5	71.4	107.2
85	56.1	44.7	67.1
99	65.2	52.4	78.6

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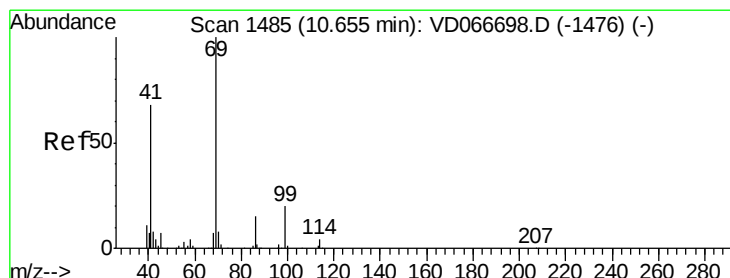
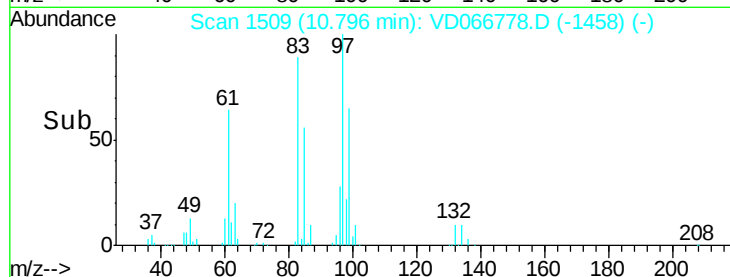
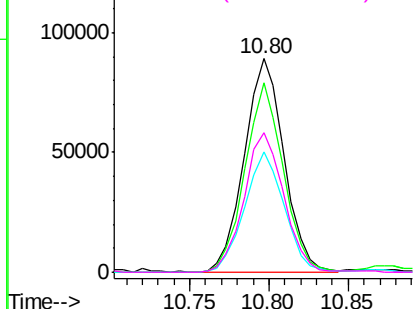


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 48.562 ug/l

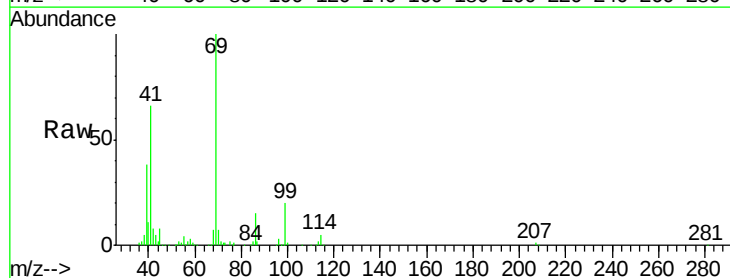
RT: 10.66 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

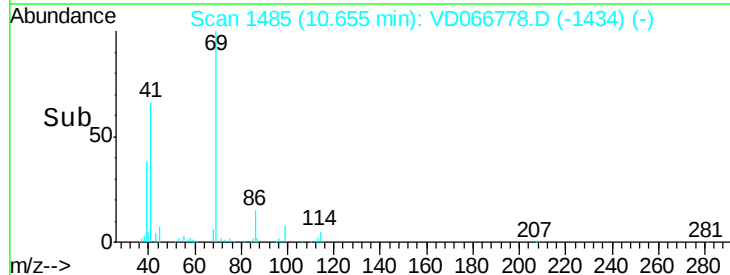
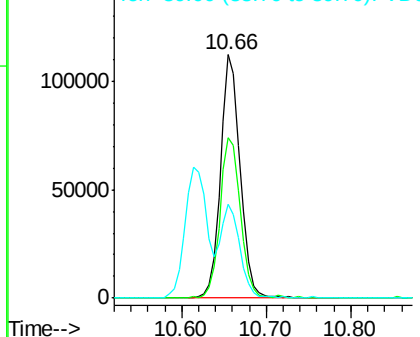
Tgt Ion:	69	Resp:	181118
Ion	Ratio	Lower	Upper
69	100		
41	68.8	55.5	83.3
39	37.6	29.7	44.5

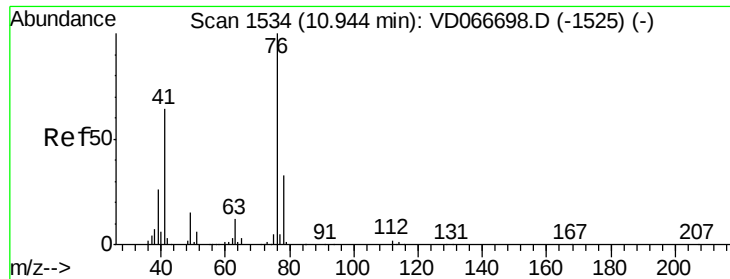


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





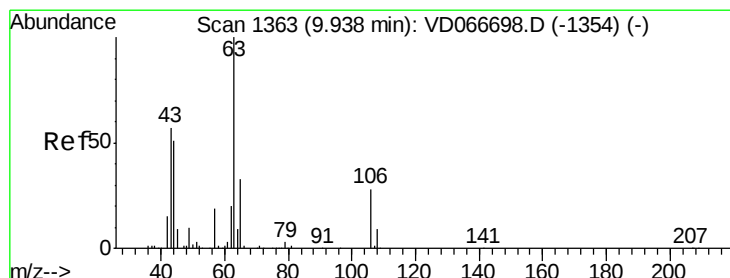
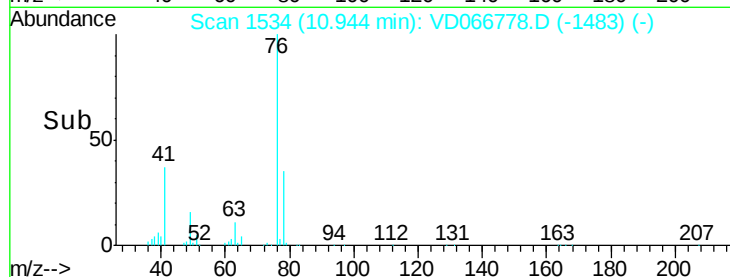
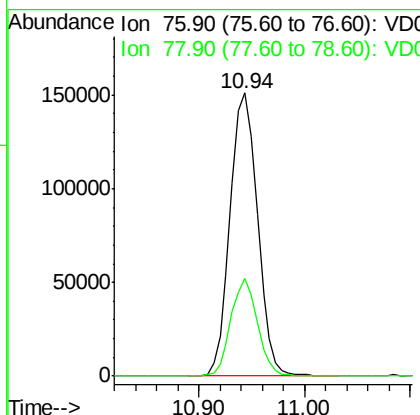
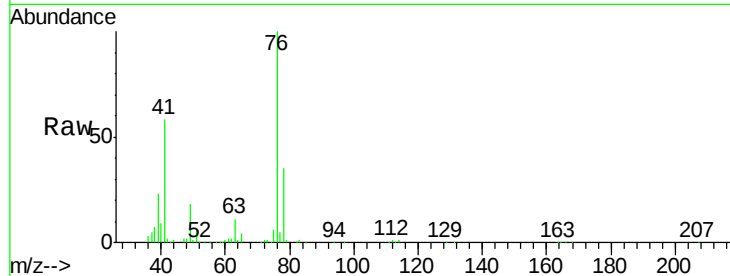
#57
 1,3-Dichloropropane
 Concen: 47.209 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066778.D
 Acq: 18 Sep 2020 20:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 272286
 Ion Ratio Lower Upper
 76 100
 78 33.2 26.2 39.2

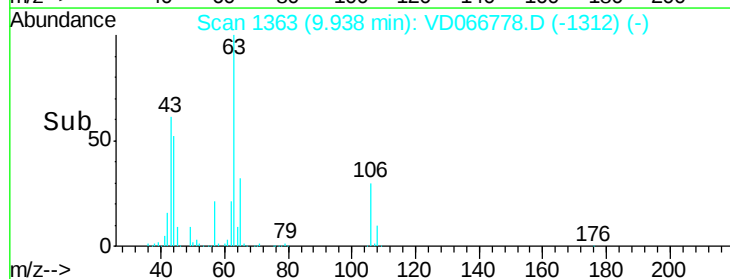
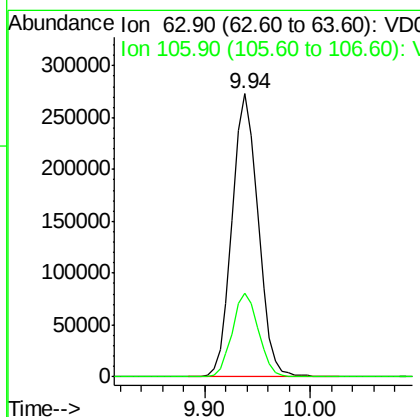
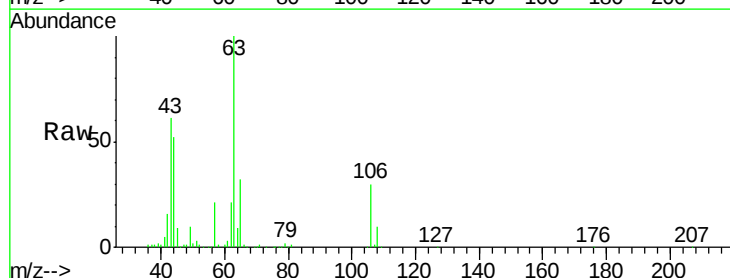
Manual Integrations
 APPROVED

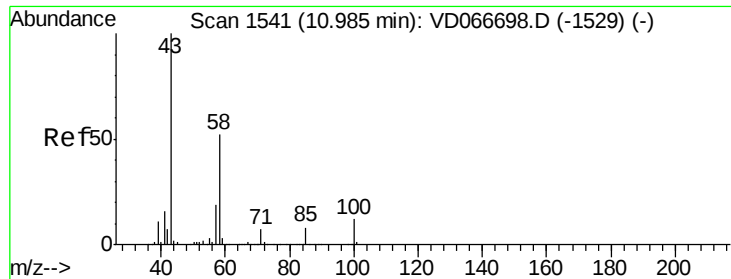
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#58
 2-Chloroethyl Vinyl ether
 Concen: 283.932 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066778.D
 Acq: 18 Sep 2020 20:43

Tgt Ion: 63 Resp: 465085
 Ion Ratio Lower Upper
 63 100
 106 29.9 22.2 33.4





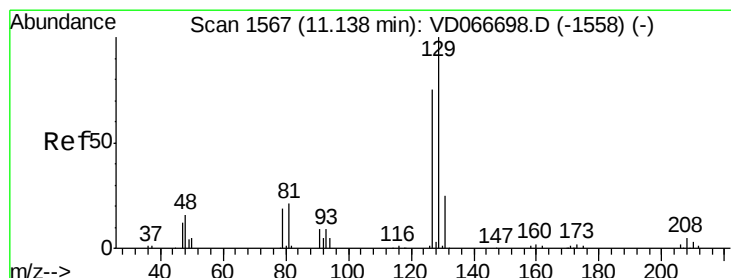
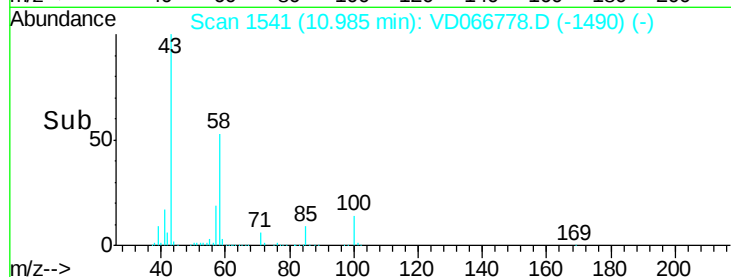
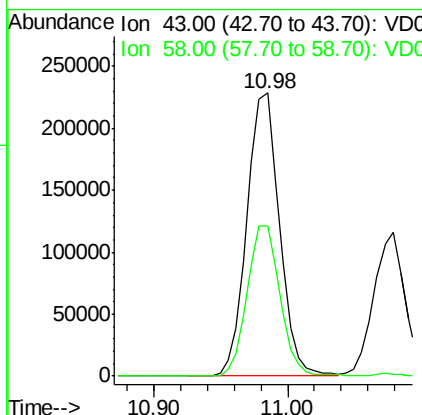
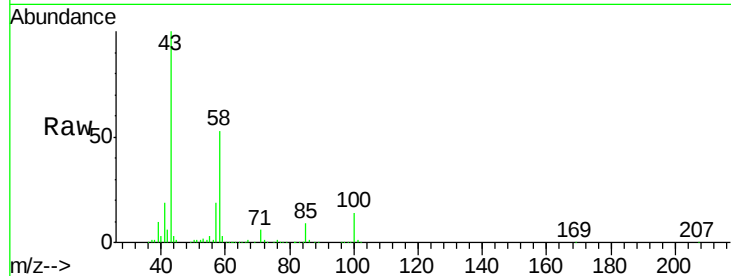
#59
2-Hexanone
Concen: 230.213 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 384876
Ion Ratio Lower Upper
43 100
58 53.3 26.2 78.5

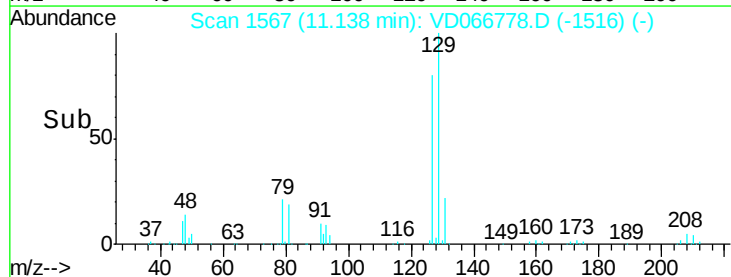
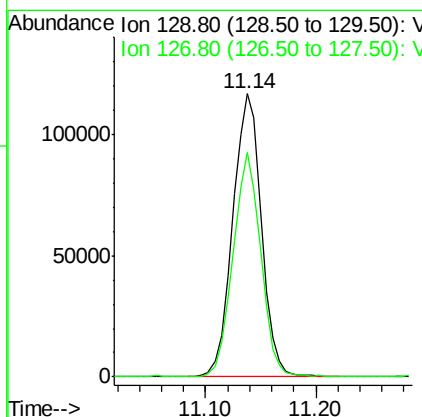
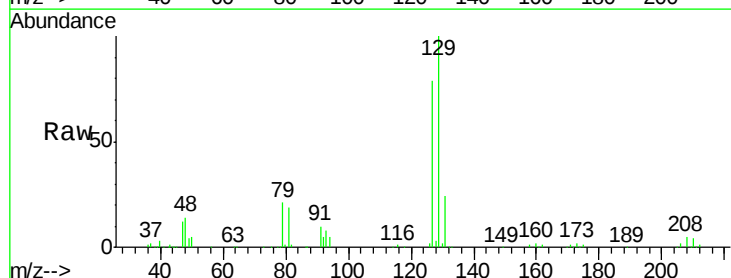
Manual Integrations
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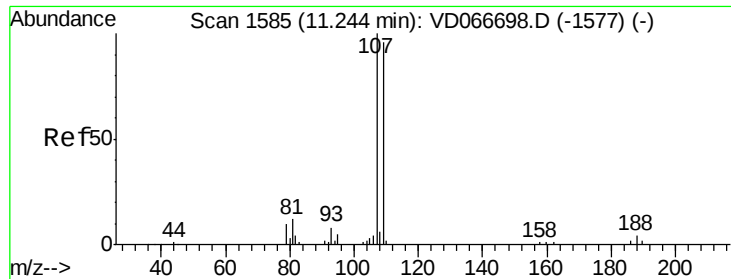
MMDadoda
9/21/2020 11:48:57 AM



#60
Dibromochloromethane
Concen: 49.638 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Tgt Ion: 129 Resp: 212570
Ion Ratio Lower Upper
129 100
127 77.0 38.1 114.3





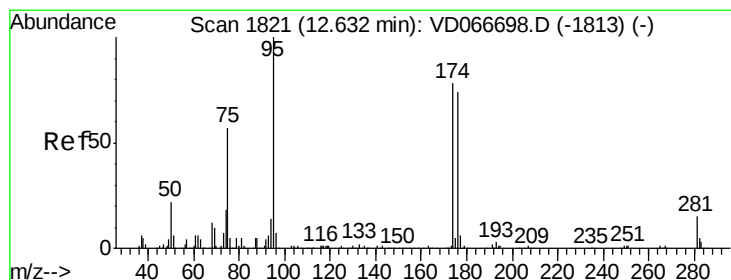
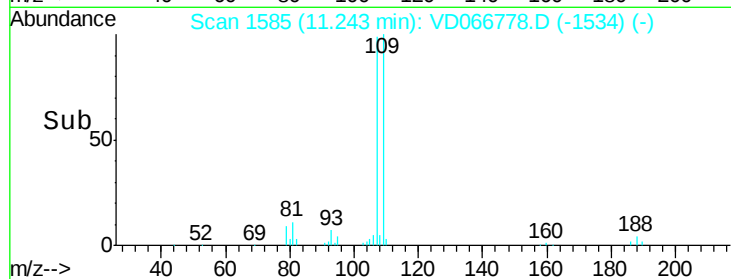
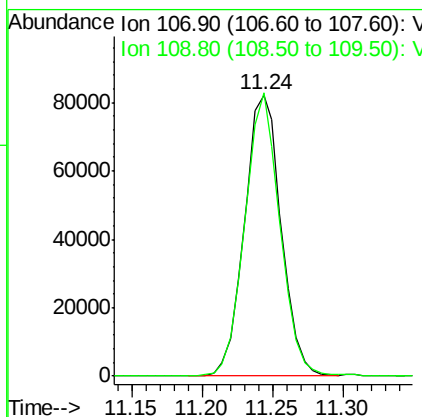
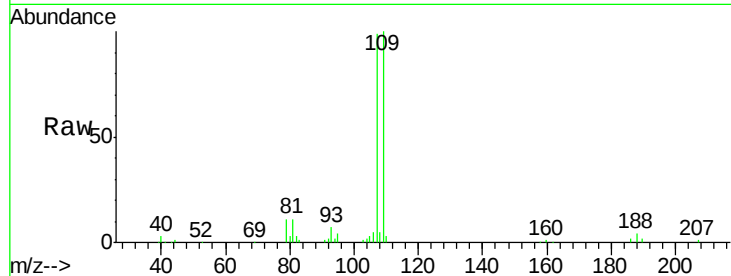
#61
 1,2-Dibromoethane
 Concen: 47.429 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066778.D
 Acq: 18 Sep 2020 20:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	149527		
109	96.4	75.6	113.4	

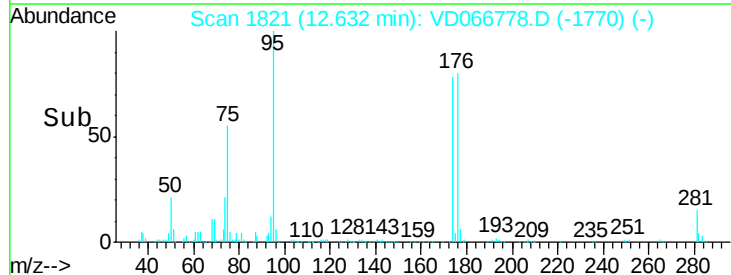
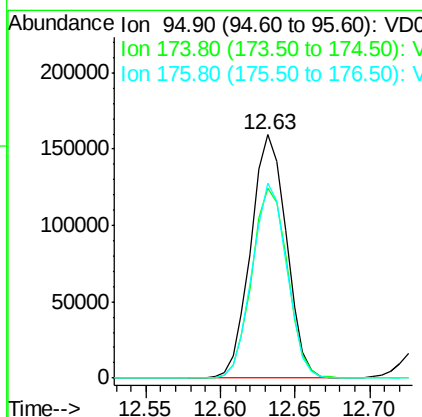
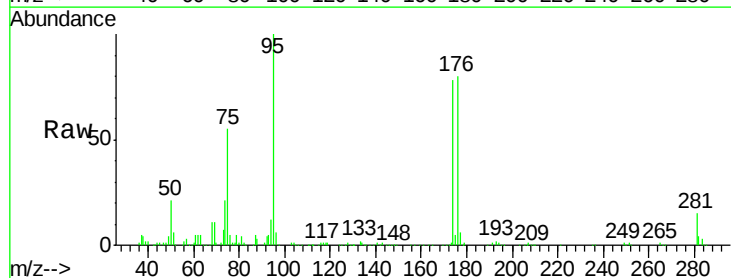
Manual Integrations
 APPROVED

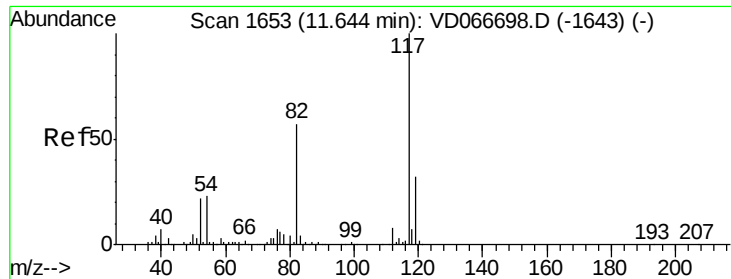
MMDadoda
 9/21/2020 11:48:57 AM



#62
 4-Bromofluorobenzene
 Concen: 52.988 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066778.D
 Acq: 18 Sep 2020 20:43

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	263561		
174	78.1	0.0	156.6	
176	77.8	0.0	150.2	





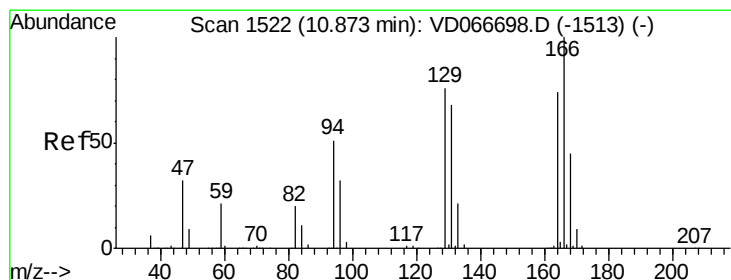
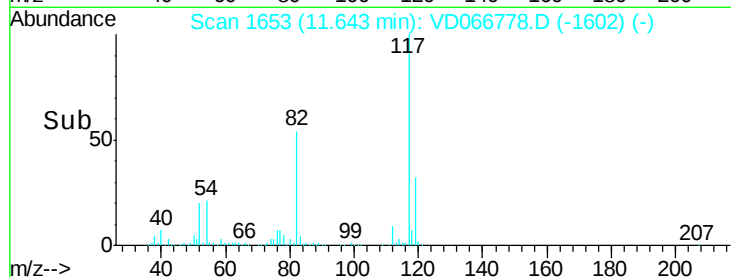
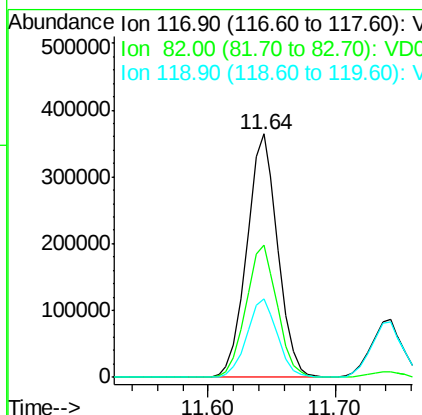
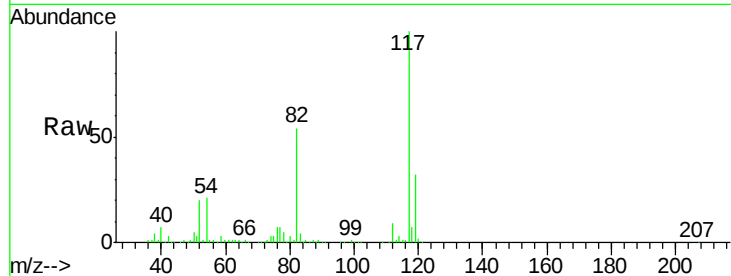
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	616052		
82	54.1		45.4	68.0
119	32.1		25.8	38.6

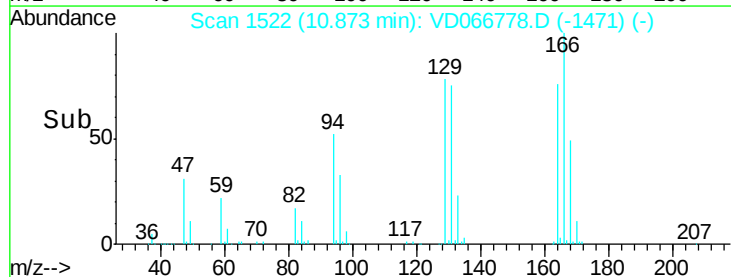
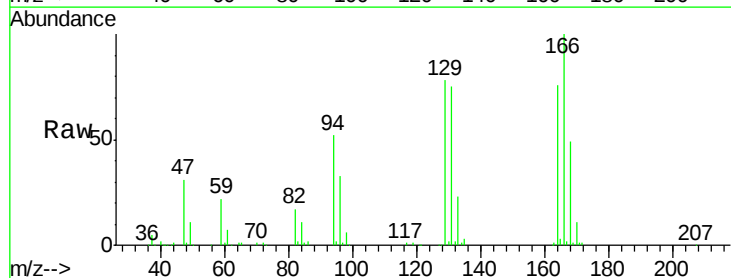
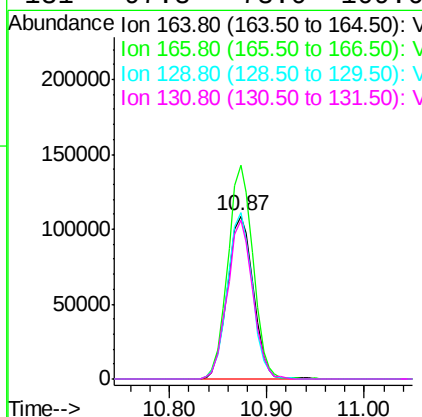
Manual Integrations
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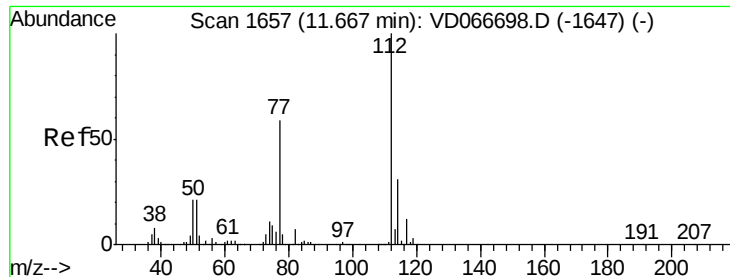
MMDadoda
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#64
Tetrachloroethene
Concen: 47.879 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	201350		
166	131.1		107.5	161.3
129	102.3		81.4	122.0
131	97.8		73.0	109.6





#65

Chlorobenzene

Concen: 46.269 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 590150

Ion Ratio Lower Upper

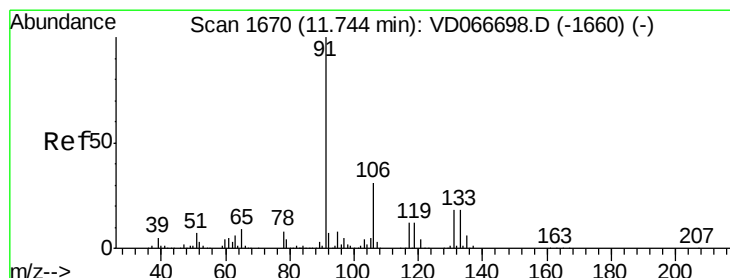
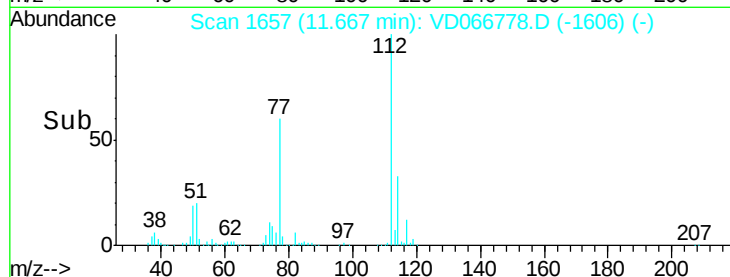
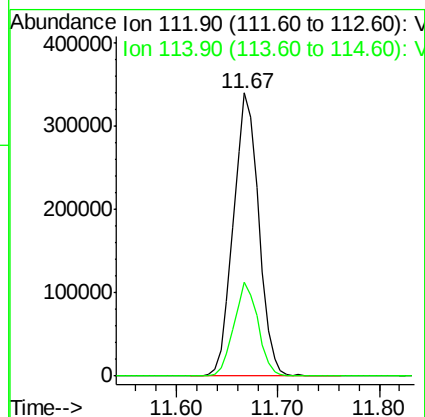
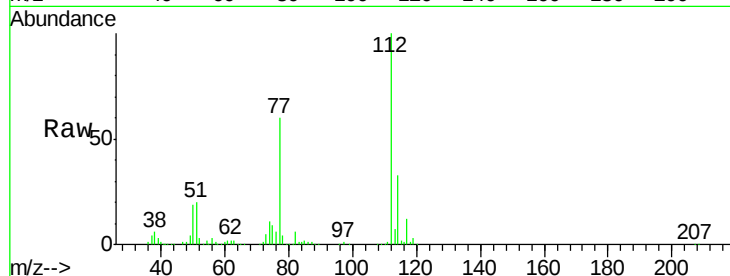
112 100

114 33.3 25.0 37.6

Manual Integrations
APPROVED

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#66

1,1,1,2-Tetrachloroethane

Concen: 46.047 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

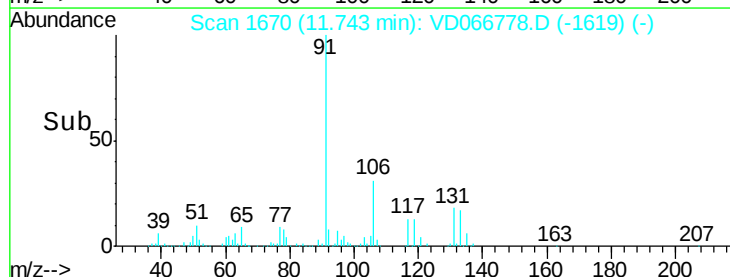
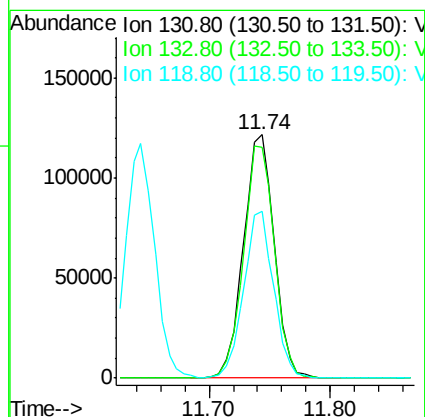
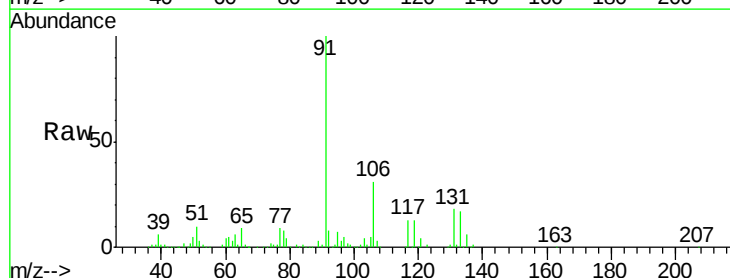
Tgt Ion:131 Resp: 216702

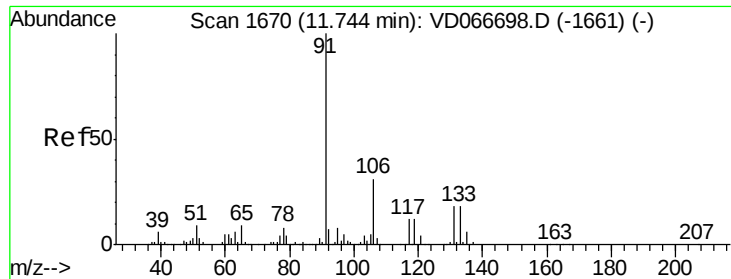
Ion Ratio Lower Upper

131 100

133 96.0 47.8 143.3

119 66.9 33.6 100.8





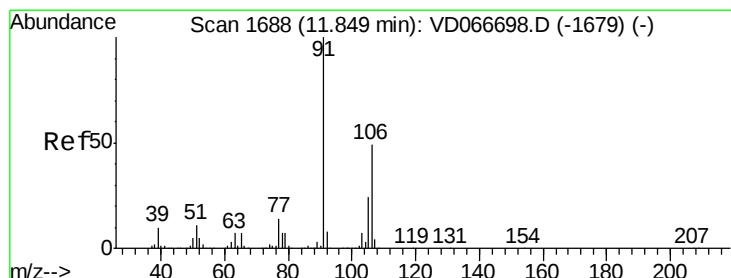
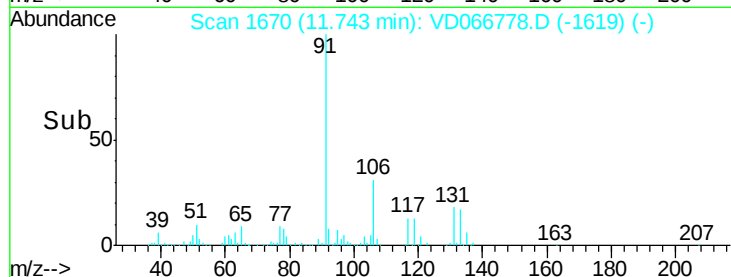
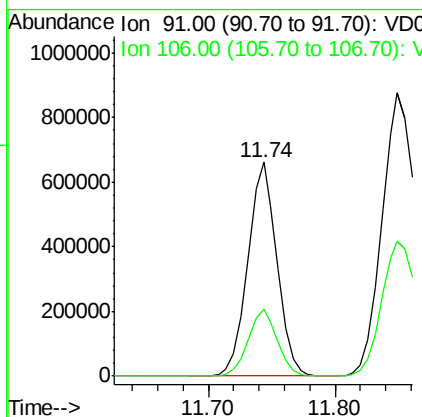
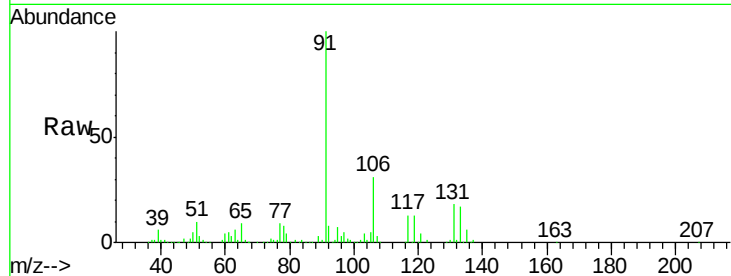
#67
Ethyl Benzene
Concen: 45.626 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1054093
Ion Ratio Lower Upper
91 100
106 31.2 25.1 37.7

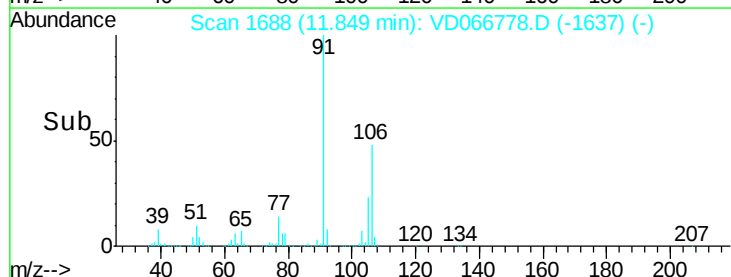
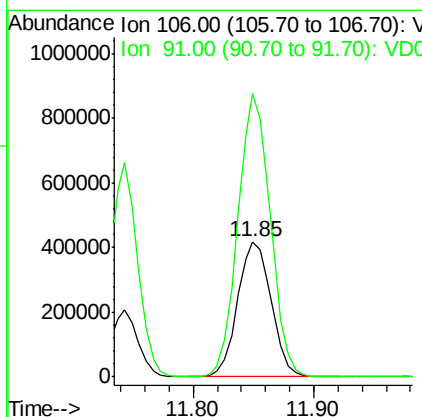
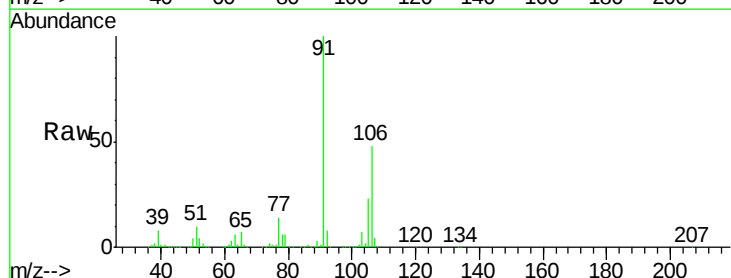
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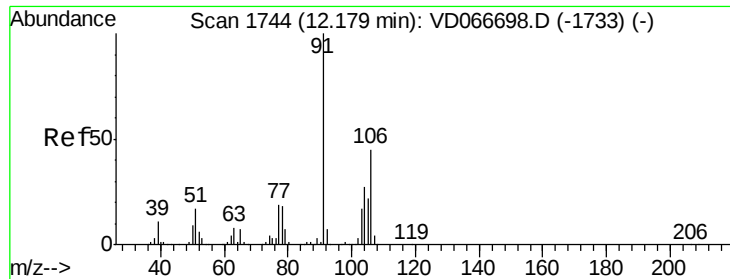
MMDadoda
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#68
m/p-Xylenes
Concen: 92.472 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Tgt Ion: 106 Resp: 807452
Ion Ratio Lower Upper
106 100
91 203.1 164.8 247.2





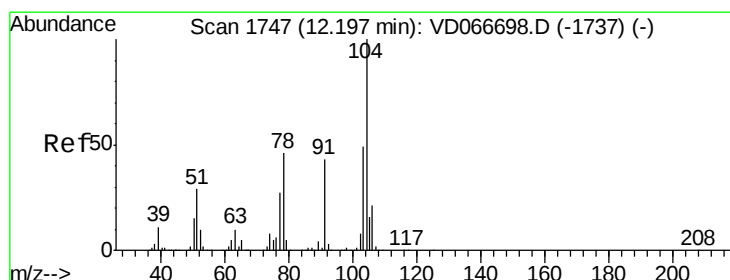
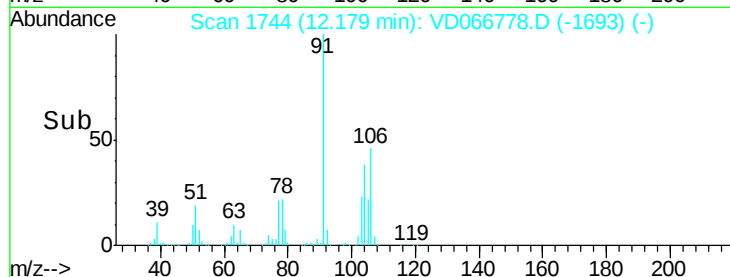
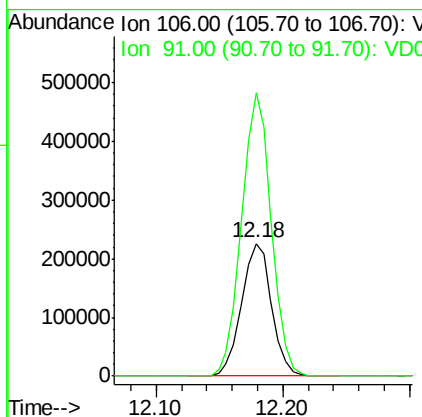
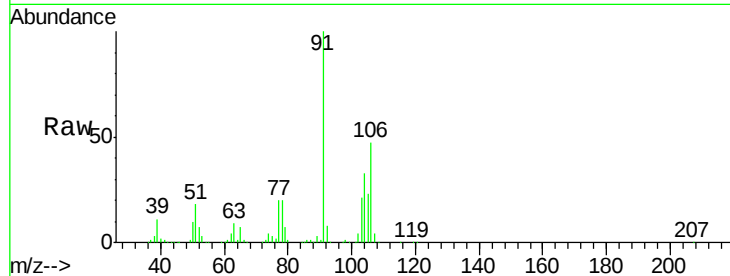
#69
o-Xylene
Concen: 47.994 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 370337
Ion Ratio Lower Upper
106 100
91 211.4 109.4 328.2

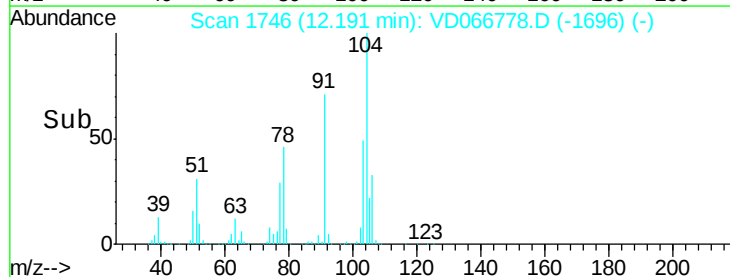
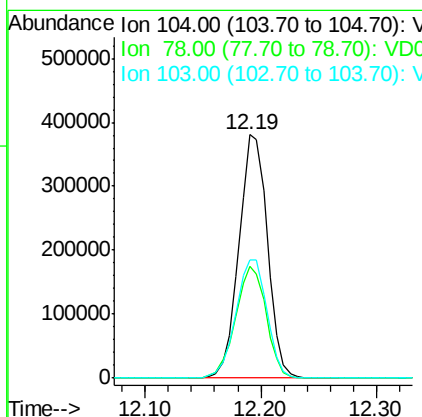
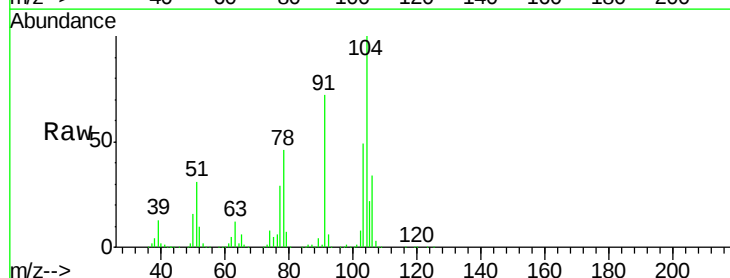
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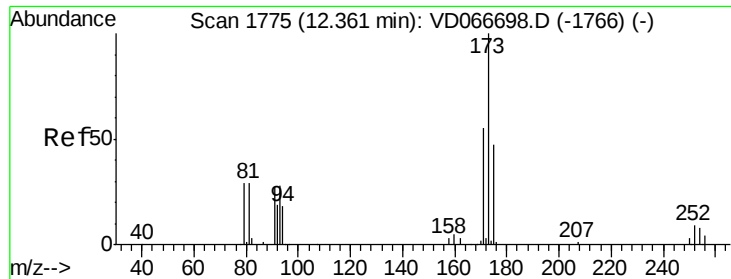
MMDadoda
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#70
Styrene
Concen: 48.000 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Tgt Ion:104 Resp: 651889
Ion Ratio Lower Upper
104 100
78 49.2 40.2 60.4
103 53.3 42.5 63.7





#71

Bromoform

Concen: 46.856 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Instrument :

MSVOA_D

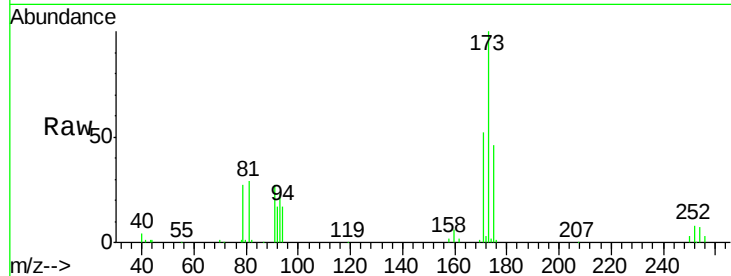
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.3	72.8
254	0.0	0.1	0.1#

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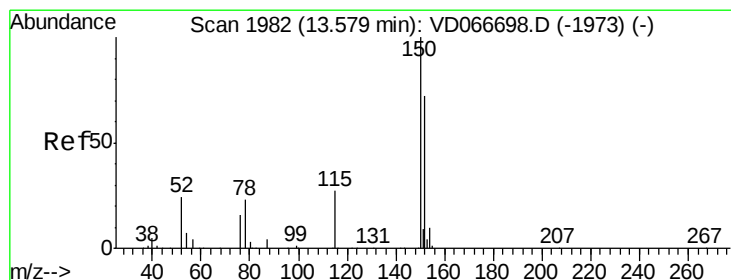
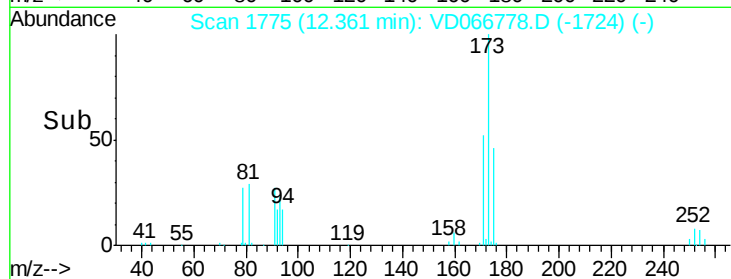
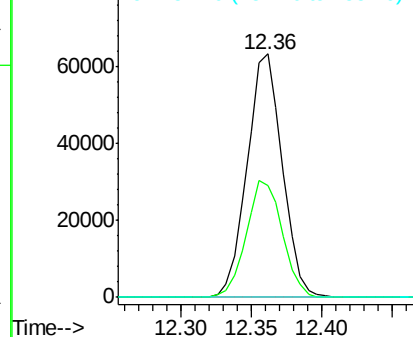


Abundance

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

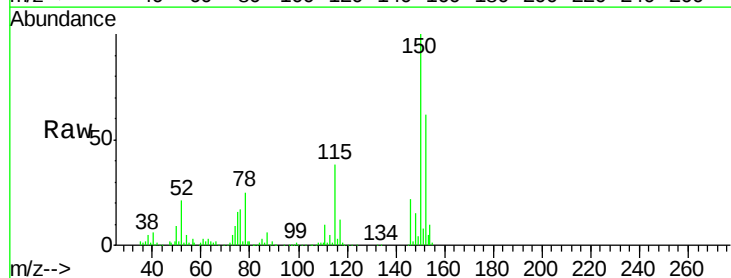
RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.5	30.5	91.5
150	172.4	0.0	344.6

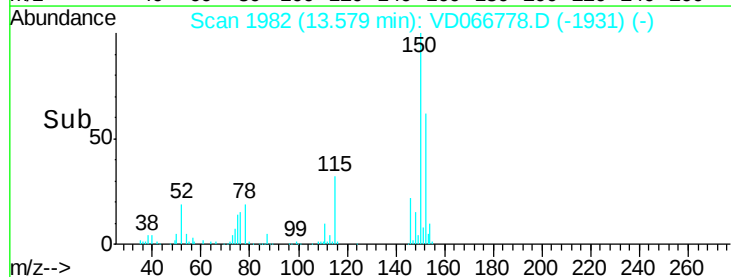
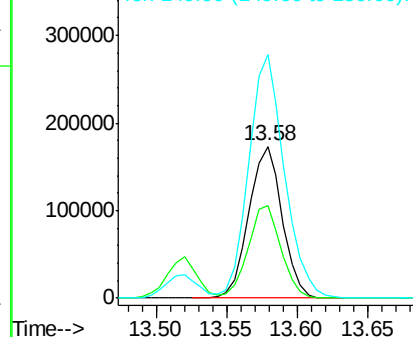


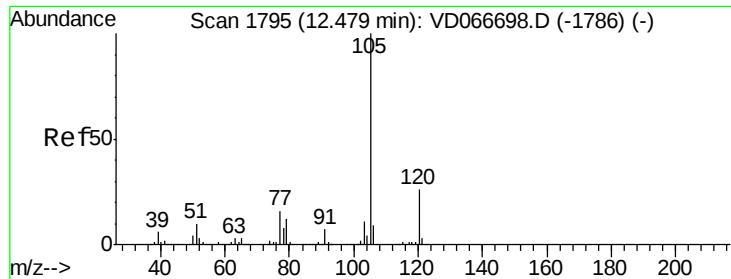
Abundance

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: 46.527 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 991283

Ion Ratio Lower Upper

105 100

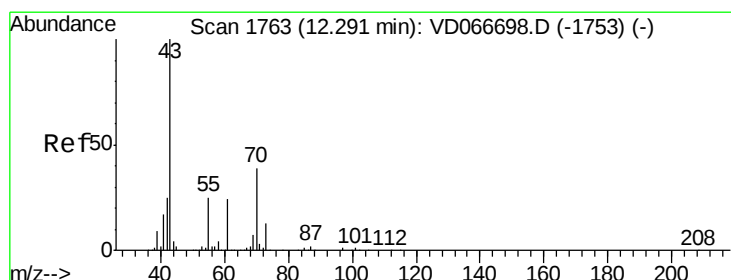
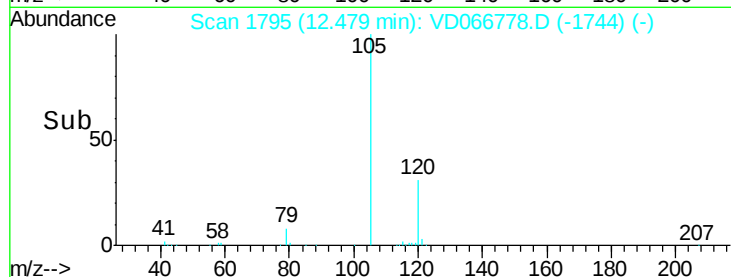
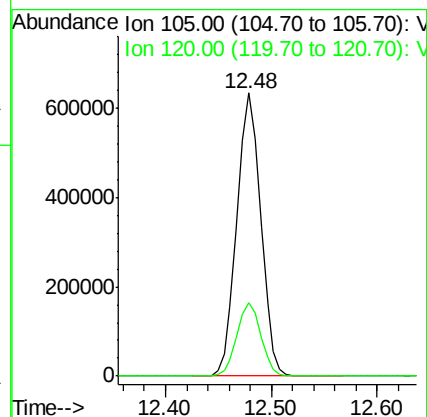
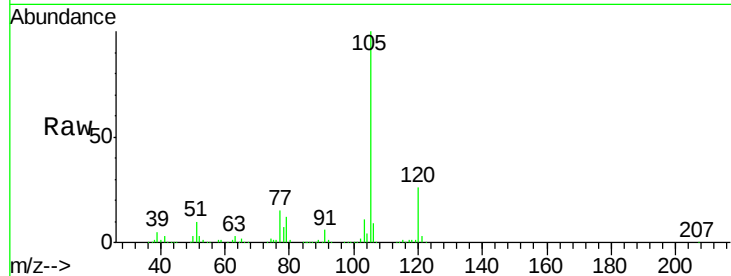
120 25.9 13.1 39.1

Manual Integrations

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#74

N-ethyl acetate

Concen: 44.171 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Tgt Ion: 43 Resp: 198516

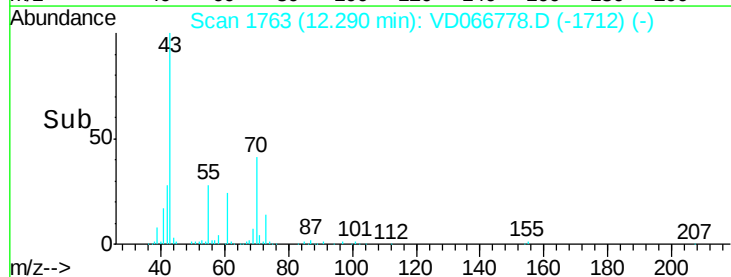
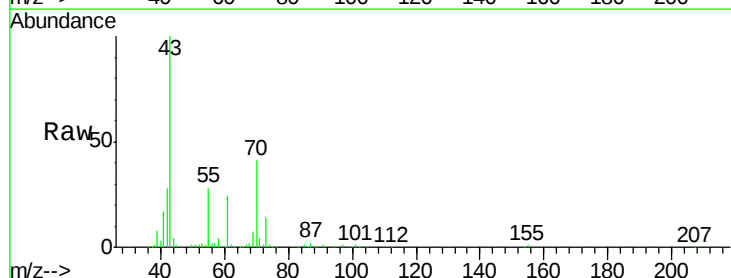
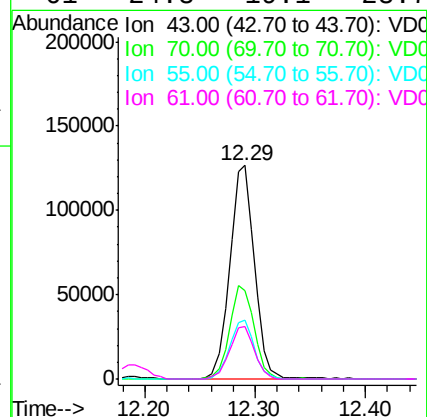
Ion Ratio Lower Upper

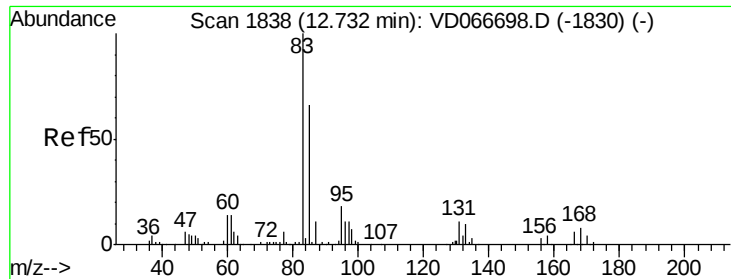
43 100

70 43.2 33.0 49.4

55 27.6 20.6 30.8

61 24.8 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 45.753 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Instrument :

MSVOA_D

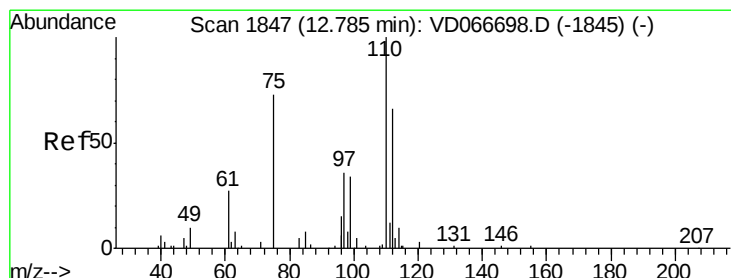
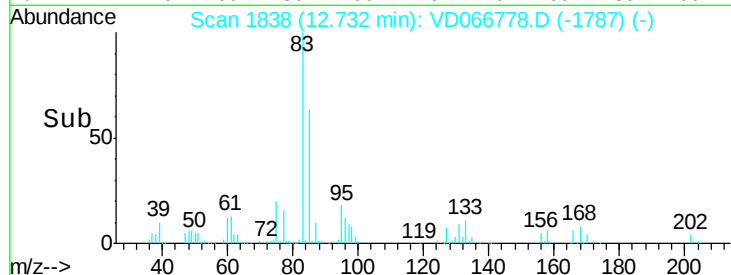
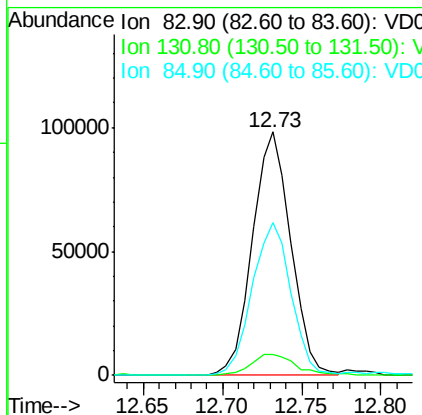
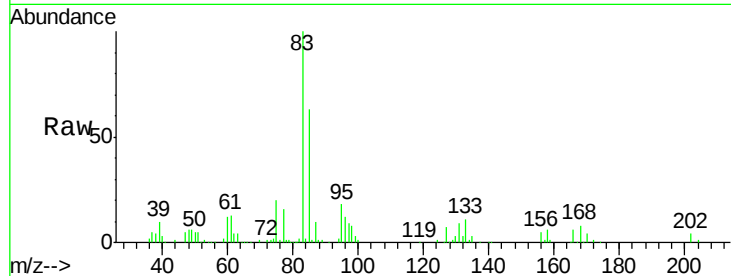
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	165641
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.8	17.3
85	63.4	33.3	99.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 51.038 ug/l m

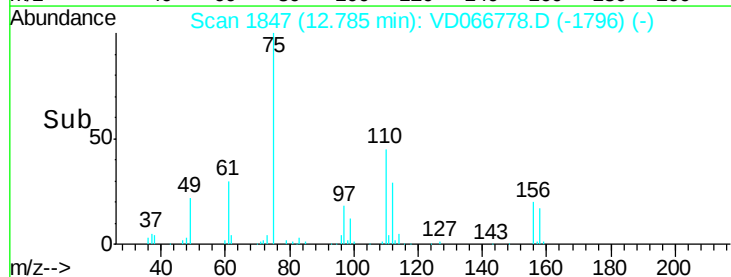
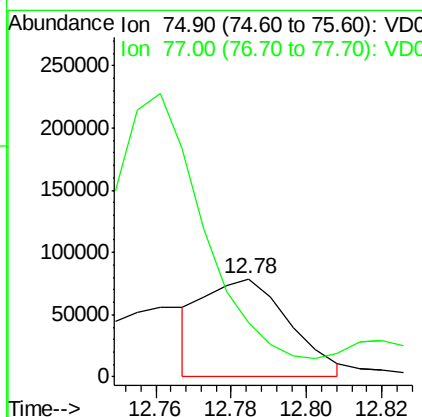
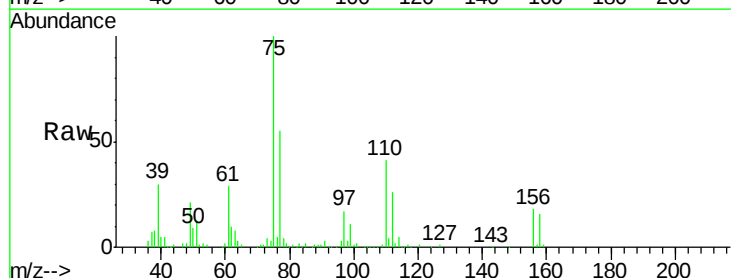
RT: 12.78 min Scan# 1847

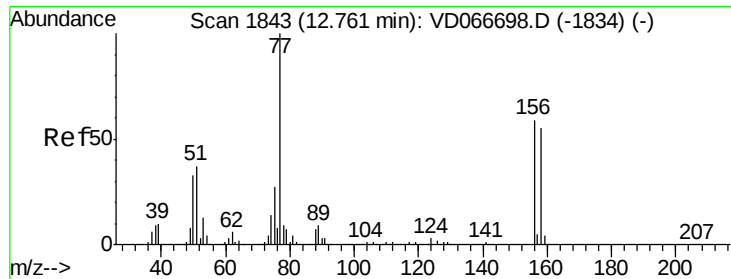
Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Tgt Ion:	75	Resp:	124681
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 46.596 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Instrument :

MSVOA_D

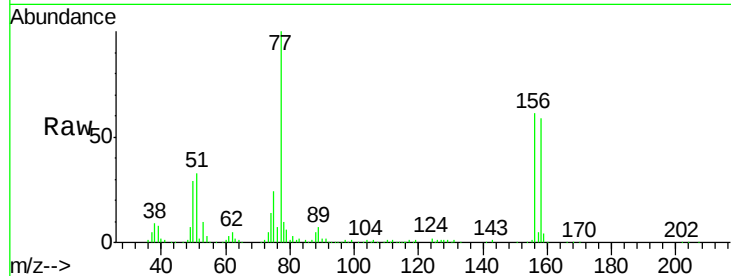
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		228811		
77	185.7	95.8	287.3		
158	96.1	48.4	145.0		

Manual Integrations
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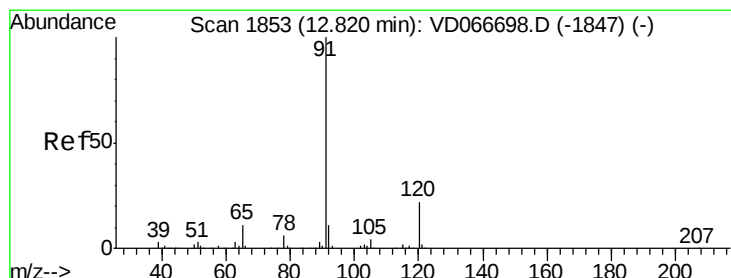
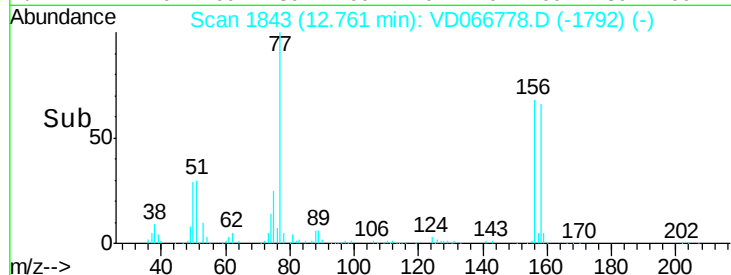
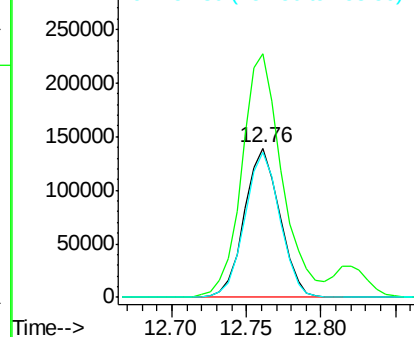


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.271 ug/l

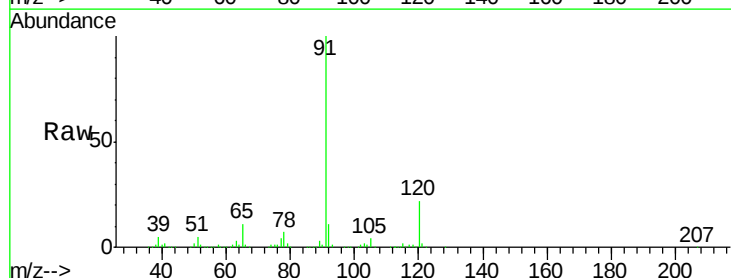
RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

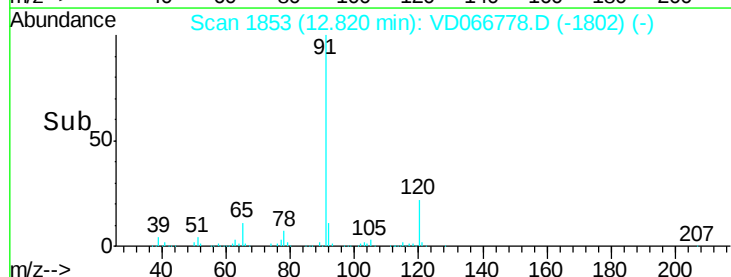
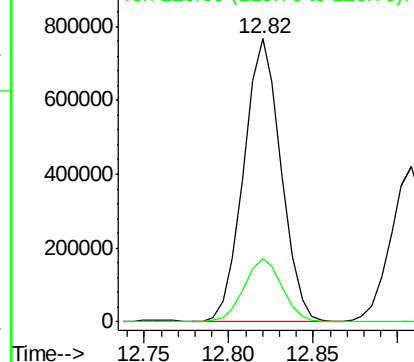
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		1175761		
120	22.8	10.9	32.9		

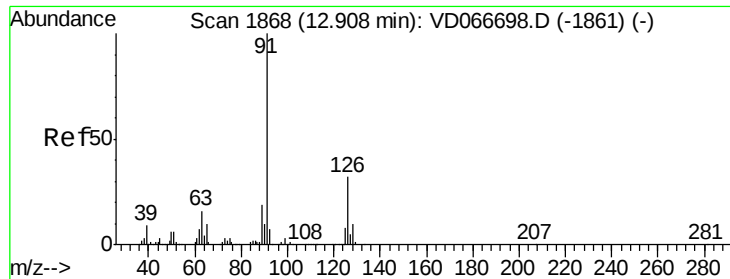


Abundance

Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





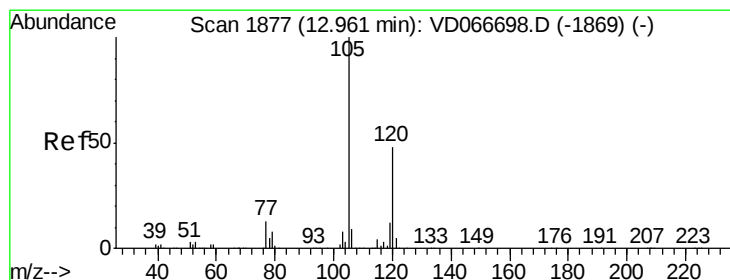
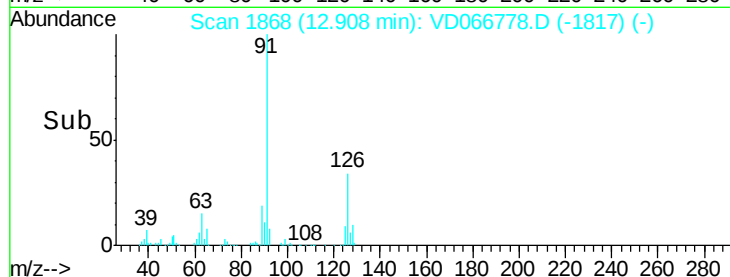
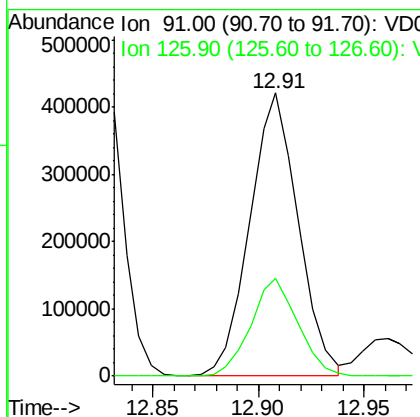
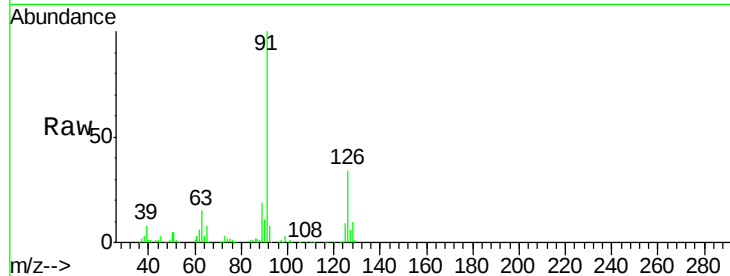
#79
2-Chlorotoluene
Concen: 45.511 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.2	48.6

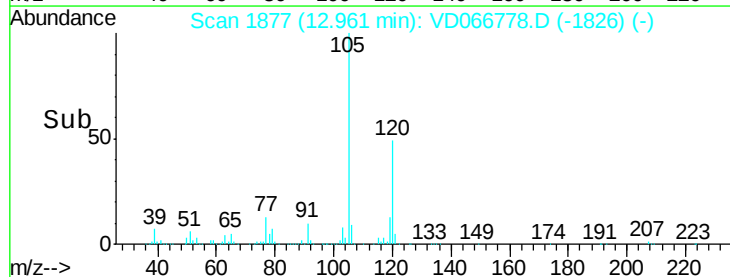
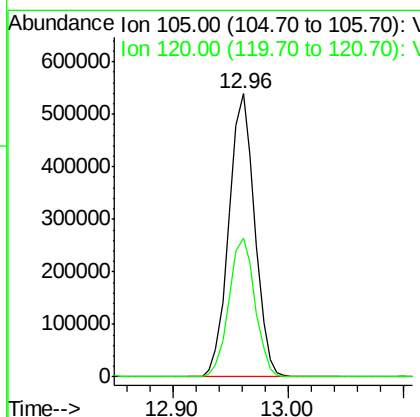
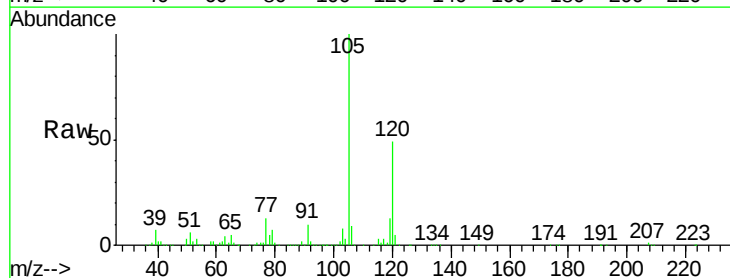
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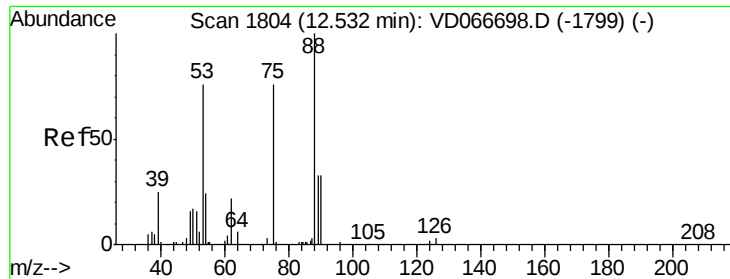
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#80
1,3,5-Trimethylbenzene
Concen: 46.117 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.7	23.9	71.7





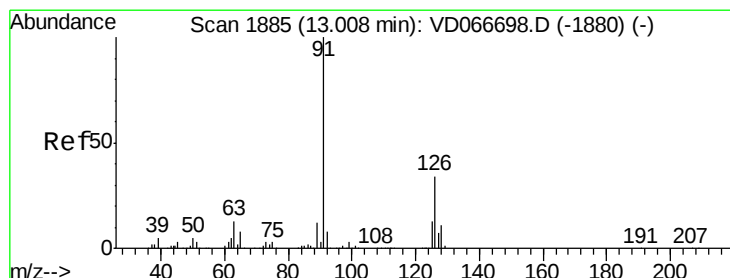
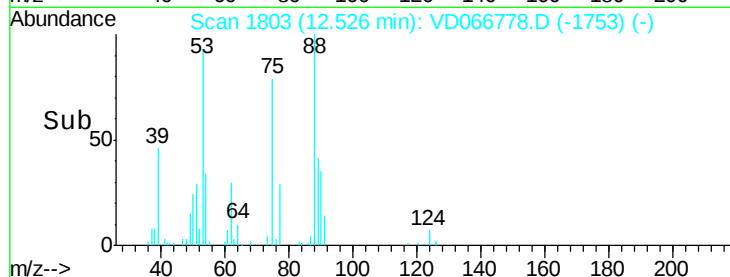
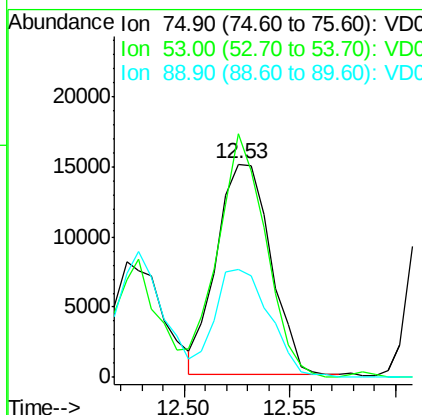
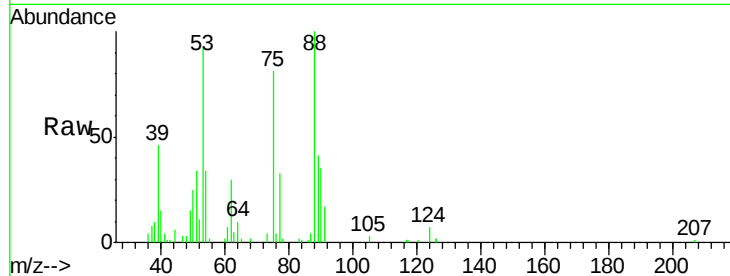
#81
trans-1,4-Dichloro-2-butene
Concen: 23.505 ug/l
RT: 12.53 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.3	82.2	123.4
89	52.8	39.6	59.4

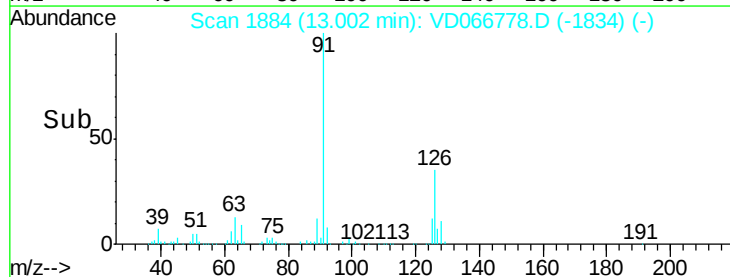
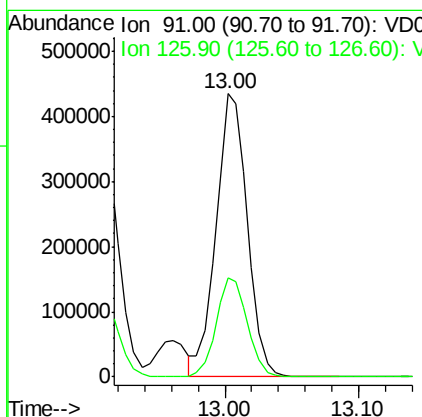
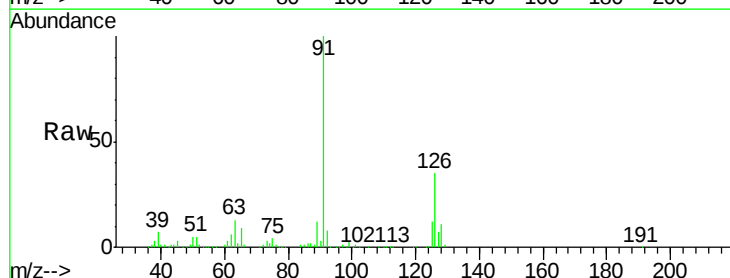
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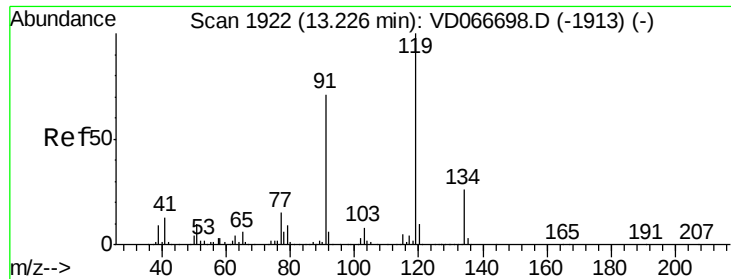
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#82
4-Chlorotoluene
Concen: 45.837 ug/l
RT: 13.00 min Scan# 1884
Delta R.T. -0.01 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.9	16.8	50.4





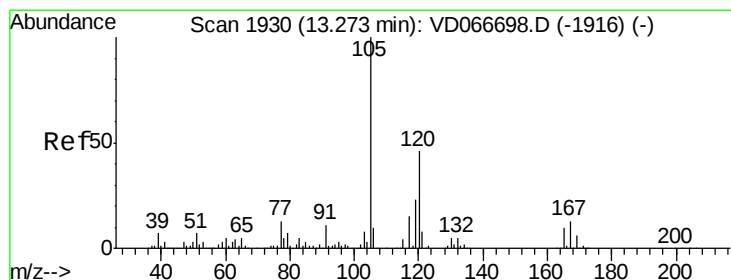
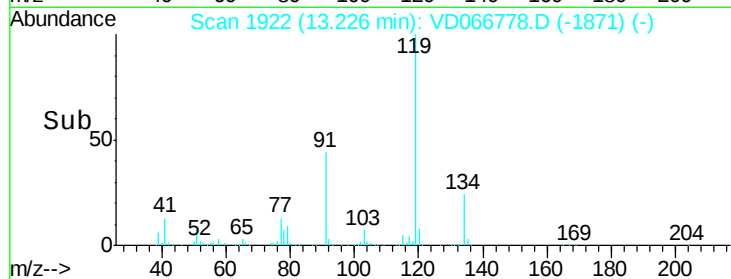
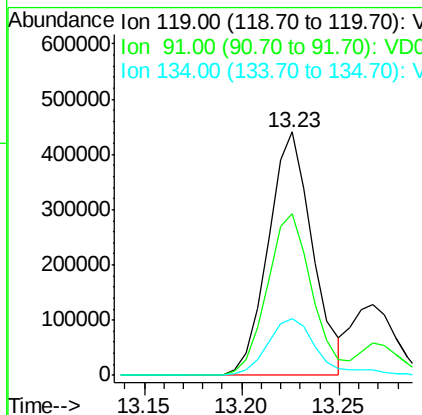
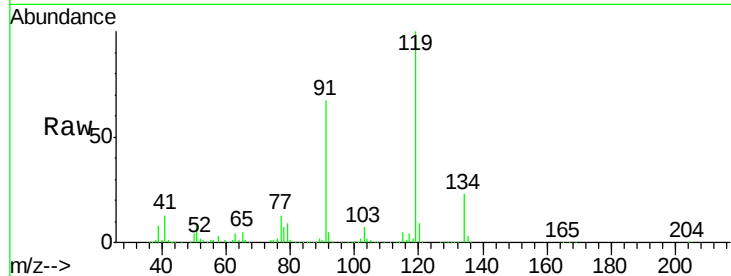
#83
tert-Butylbenzene
Concen: 46.622 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.9	35.0	105.1
134	26.5	13.6	40.8

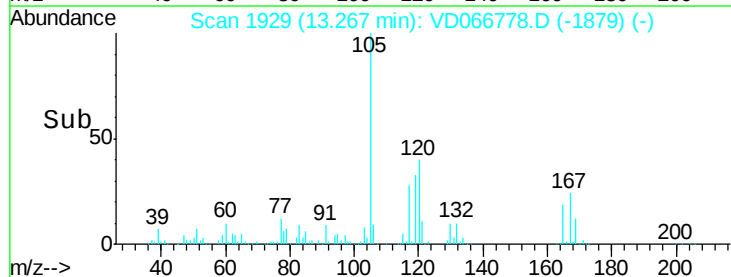
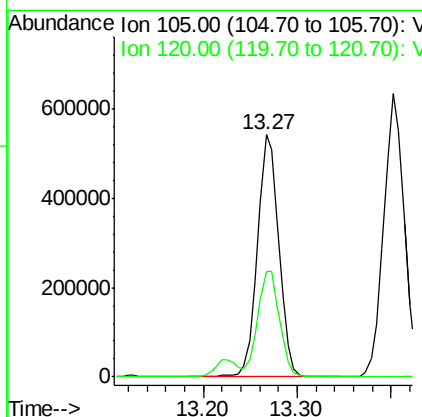
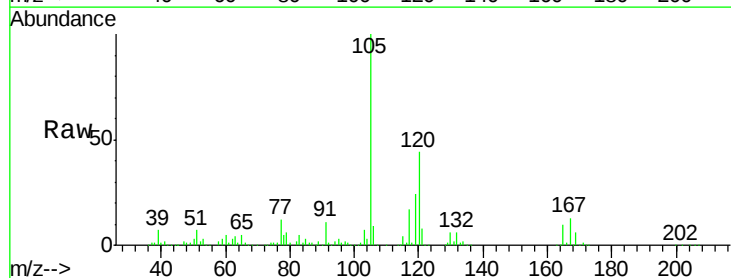
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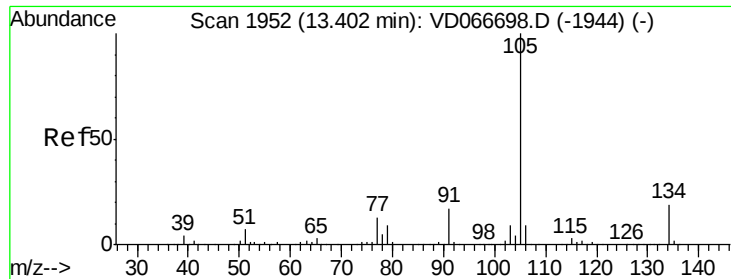
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#84
1,2,4-Trimethylbenzene
Concen: 47.362 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.4	67.2





#85

sec-Butylbenzene

Concen: 45.031 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 958538

Ion Ratio Lower Upper

105 100

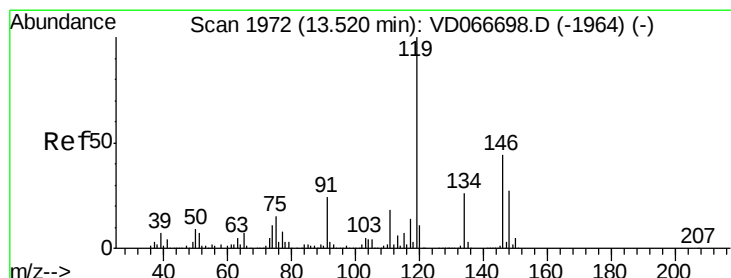
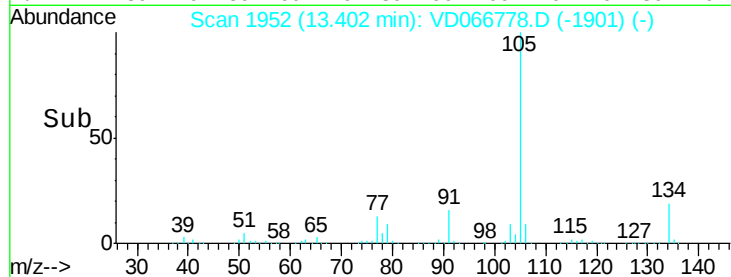
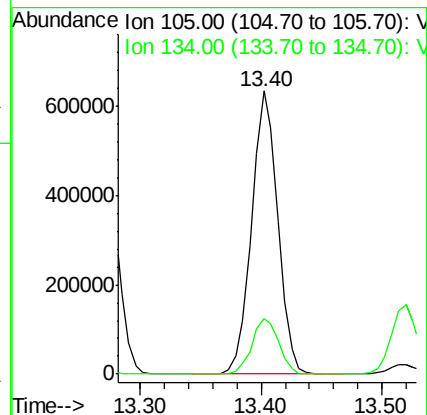
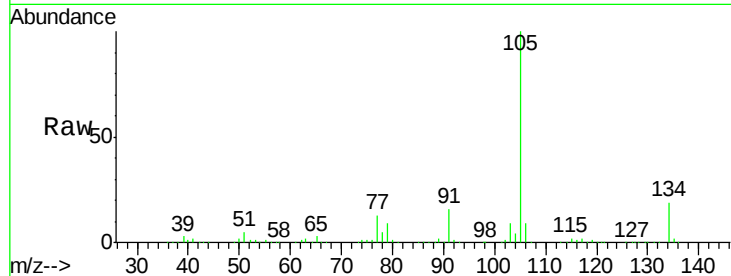
134 20.1 10.0 30.0

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 46.036 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

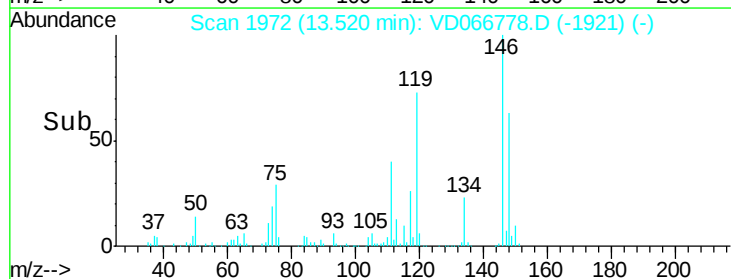
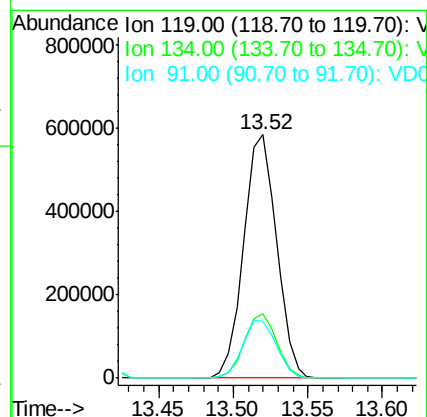
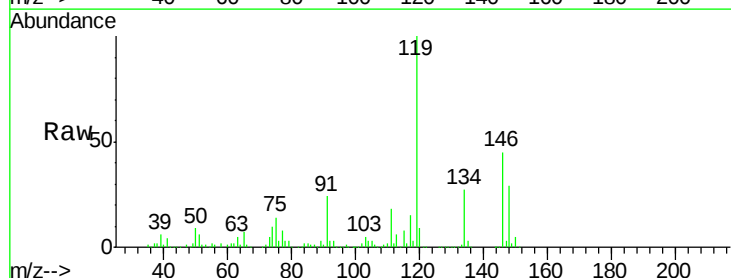
Tgt Ion:119 Resp: 890875

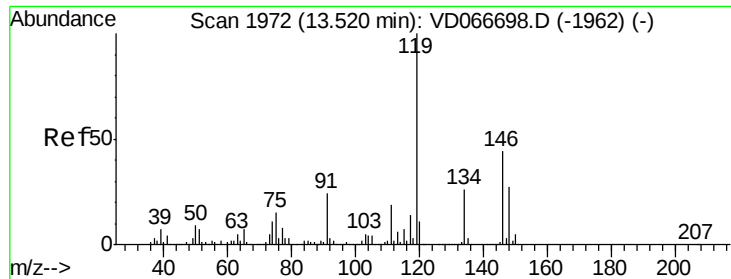
Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.7

91 24.3 12.3 36.9





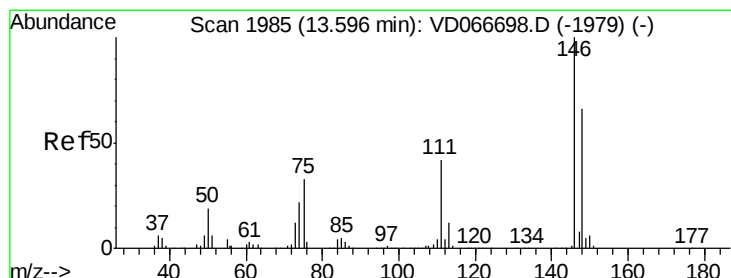
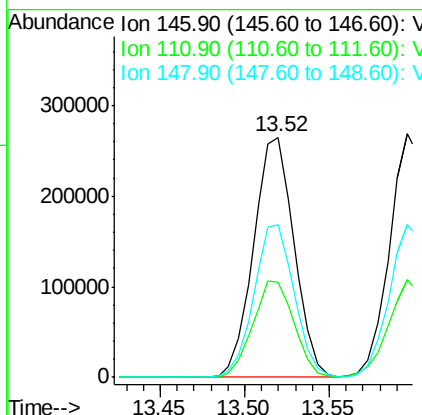
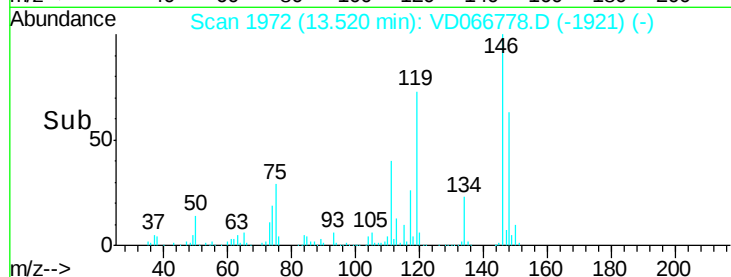
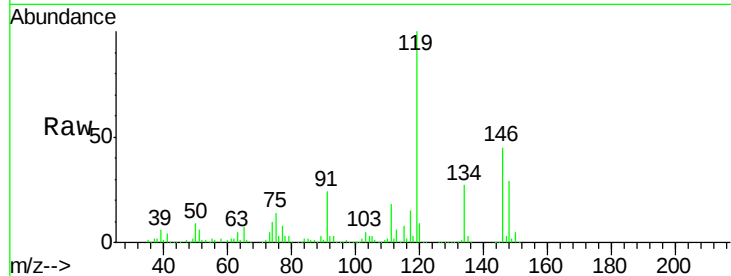
#87
 1,3-Dichlorobenzene
 Concen: 46.945 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066778.D
 Acq: 18 Sep 2020 20:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	21.1	63.3
148	63.3	31.4	94.2

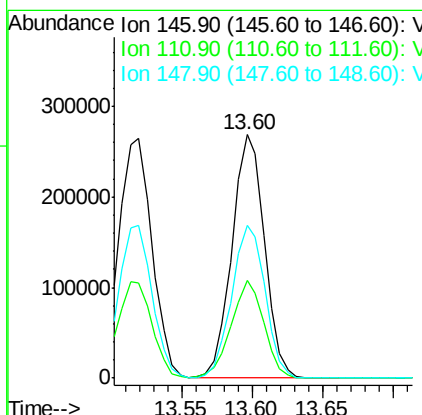
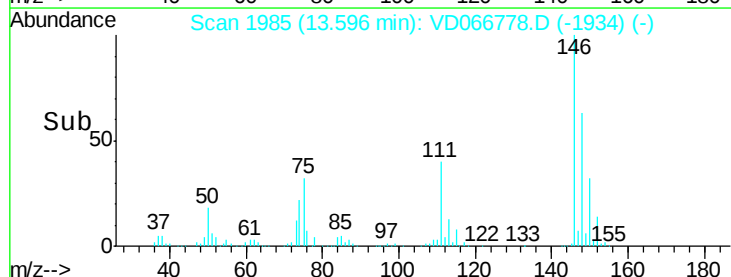
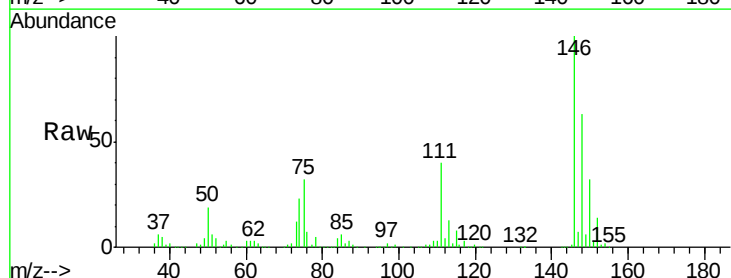
Manual Integrations
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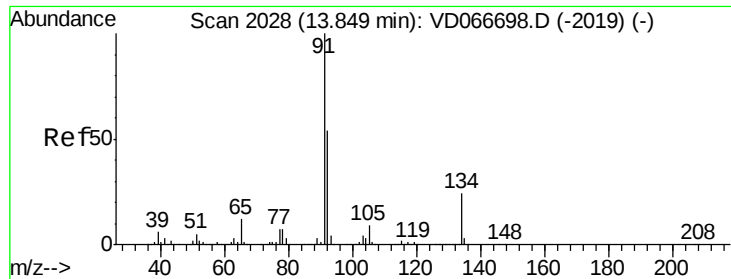
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#88
 1,4-Dichlorobenzene
 Concen: 45.903 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066778.D
 Acq: 18 Sep 2020 20:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.5	61.6
148	64.4	32.7	98.1





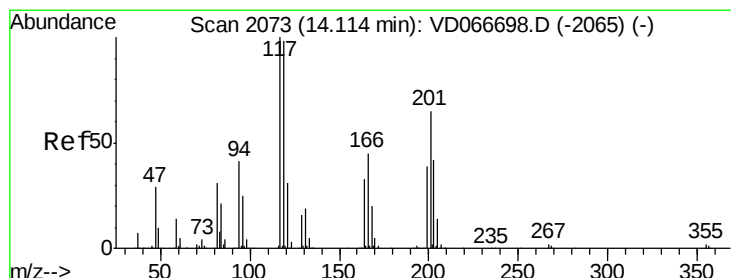
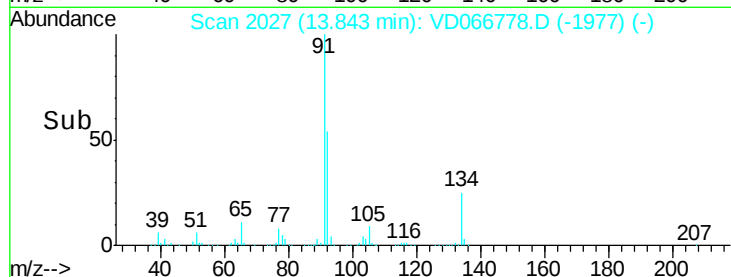
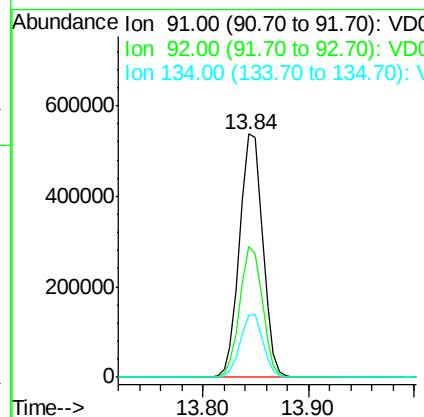
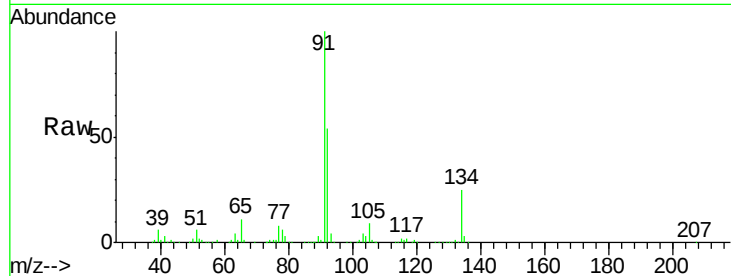
#89
n-Butylbenzene
Concen: 44.195 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	27.0	81.0
134	25.4	12.4	37.0

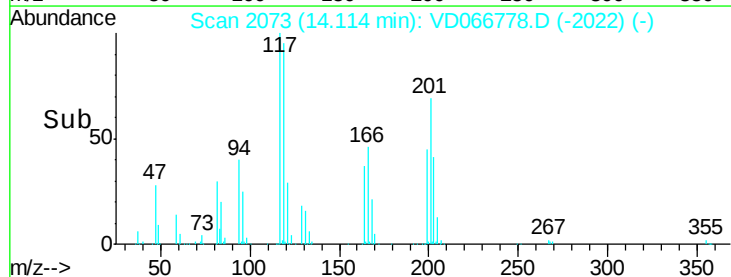
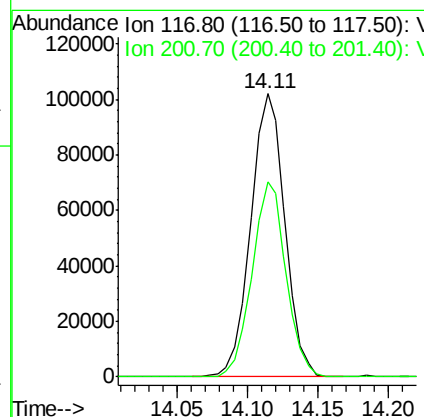
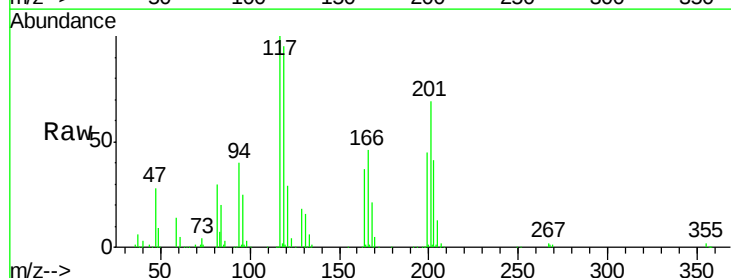
Manual Integrations
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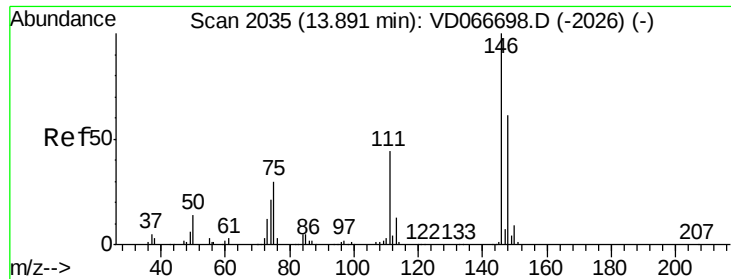
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#90
Hexachloroethane
Concen: 43.485 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Tgt Ion	Ratio	Lower	Upper
117	100		
201	68.4	33.1	99.3





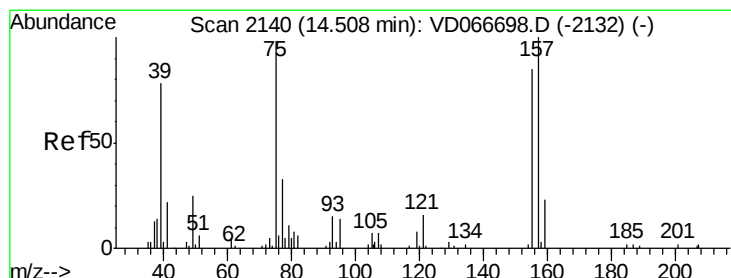
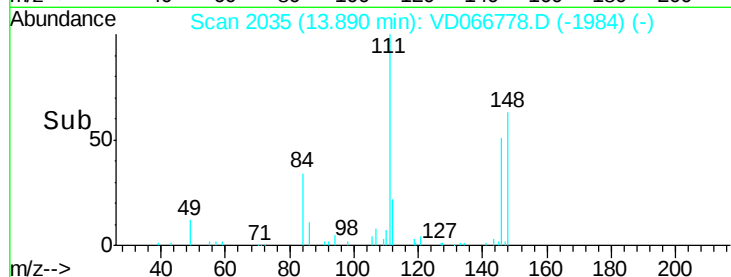
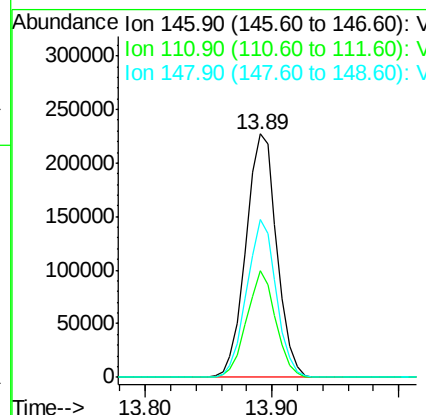
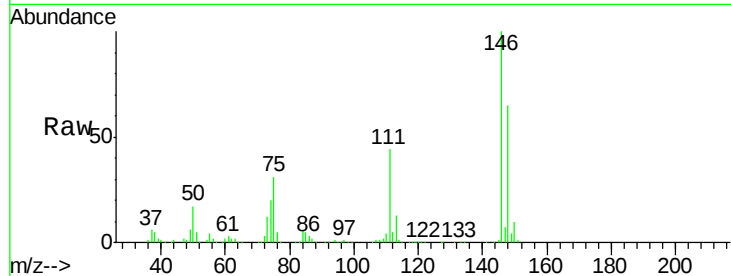
#91
 1,2-Dichlorobenzene
 Concen: 47.478 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066778.D
 Acq: 18 Sep 2020 20:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	21.6	64.6
148	62.1	31.4	94.3

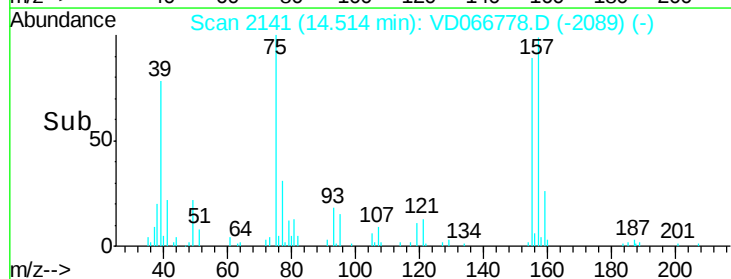
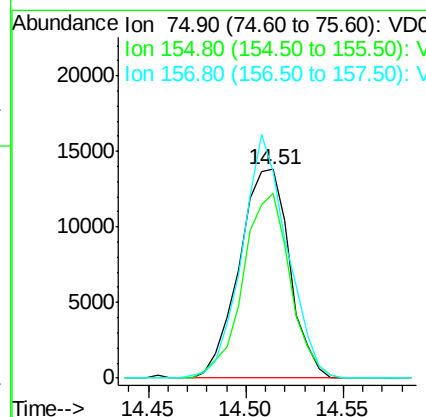
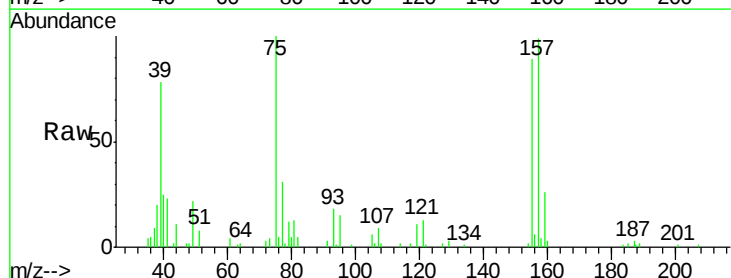
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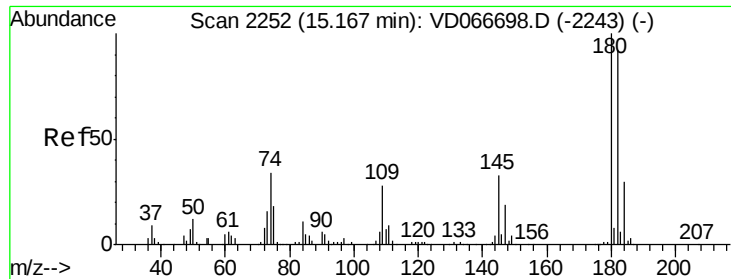
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.103 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: VD066778.D
 Acq: 18 Sep 2020 20:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.0	38.9	116.7
157	104.7	46.4	139.2





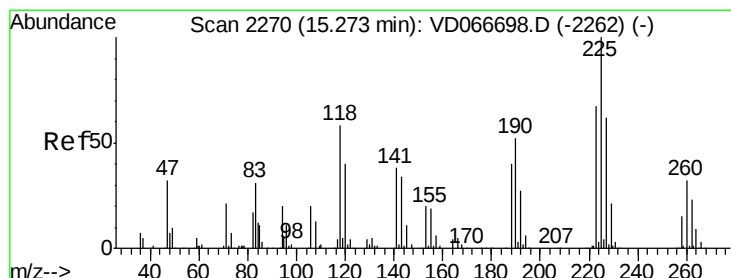
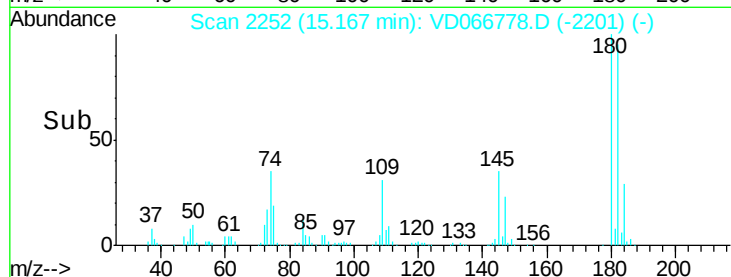
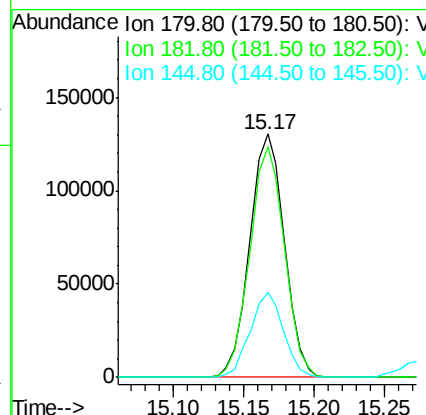
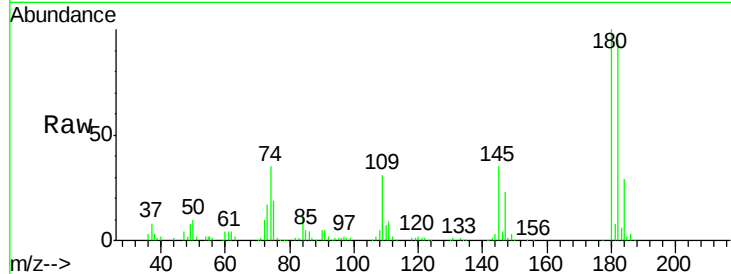
#93
 1,2,4-Trichlorobenzene
 Concen: 46.156 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066778.D
 Acq: 18 Sep 2020 20:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	225354		
182	94.5	46.6	139.7	
145	33.7	16.5	49.5	

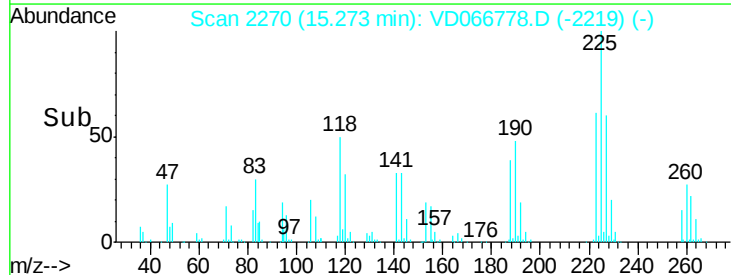
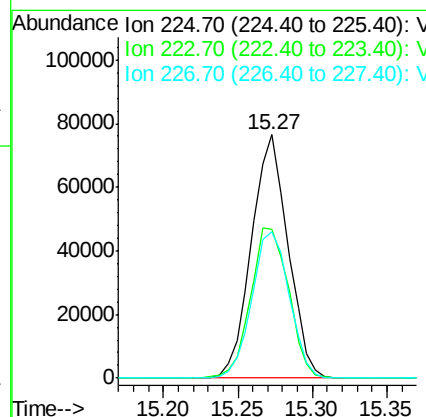
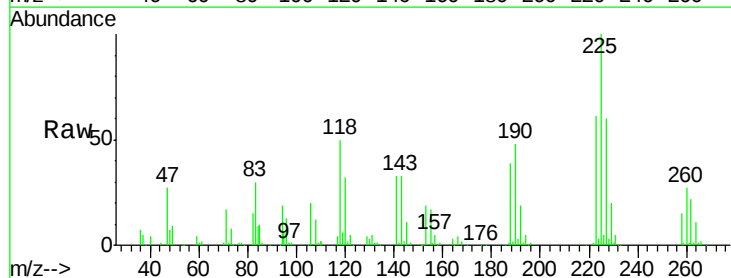
Manual Integrations
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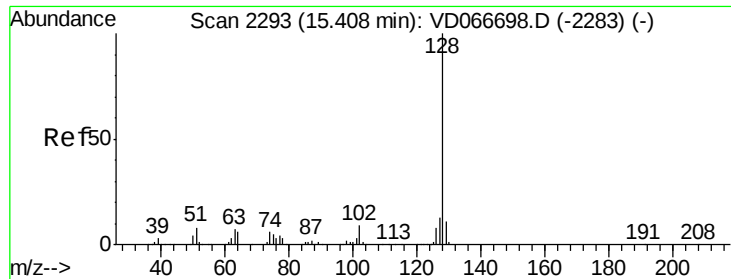
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#94
 Hexachlorobutadiene
 Concen: 44.065 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066778.D
 Acq: 18 Sep 2020 20:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	129621		
223	64.1	31.9	95.9	
227	61.4	31.3	93.9	





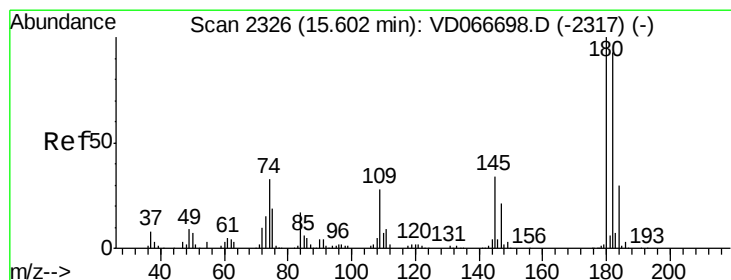
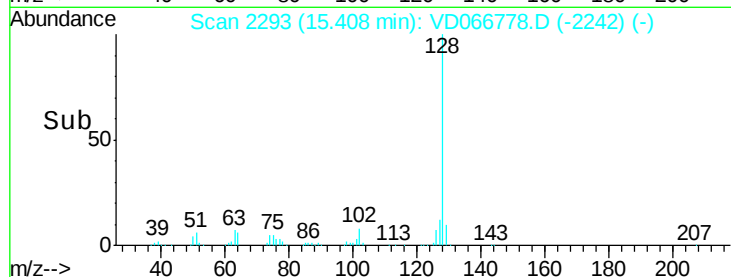
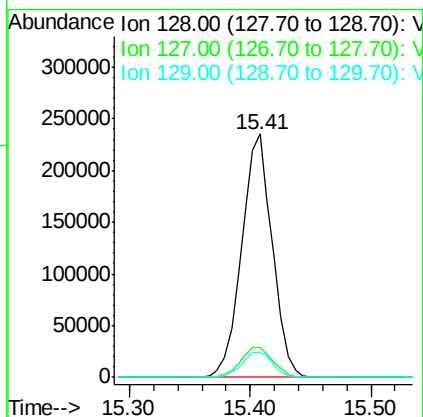
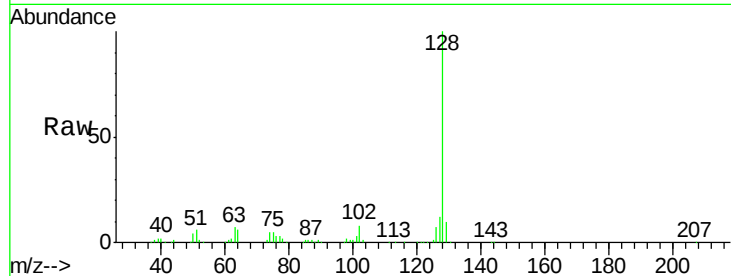
#95
Naphthalene
Concen: 48.528 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	10.7	8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 46.922 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	46.6	139.8
145	32.7	17.1	51.3

