

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091420\
 Data File : VD066693.D
 Acq On : 15 Sep 2020 02:32
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/15/2020 2:28:03 PM

Quant Time: Sep 15 02:54:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	323384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	562926	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	516267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	238248	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	216306	55.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.56%	
35) Dibromofluoromethane	7.91	113	203852	53.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.36%	
50) Toluene-d8	10.34	98	735290	54.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.34%	
62) 4-Bromofluorobenzene	12.63	95	240098	53.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	136301	51.131	ug/l	89
3) Chloromethane	2.20	50	207043	50.626	ug/l	94
4) Vinyl Chloride	2.35	62	215184	47.440	ug/l	99
5) Bromomethane	2.77	94	157254	55.322	ug/l	86
6) Chloroethane	2.92	64	138882	48.205	ug/l	97
7) Trichlorofluoromethane	3.27	101	356612	53.220	ug/l	99
8) Diethyl Ether	3.71	74	98880	58.601	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	196837	54.277	ug/l	99
10) Methyl Iodide	4.30	142	191828	57.348	ug/l	99
11) Tert butyl alcohol	5.22	59	66994	279.021	ug/l	96
12) 1,1-Dichloroethene	4.06	96	183869	56.434	ug/l	93
13) Acrolein	3.92	56	37569	234.833	ug/l	99
14) Allyl chloride	4.71	41	319161	59.772	ug/l	98
15) Acrylonitrile	5.42	53	227608	314.010	ug/l	99
16) Acetone	4.16	43	182827	253.957	ug/l	98
17) Carbon Disulfide	4.41	76	575045	53.688	ug/l	99
18) Methyl Acetate	4.71	43	105438	61.439	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	474847	62.150	ug/l	97
20) Methylene Chloride	4.96	84	259948	68.737	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	228923	59.168	ug/l	97
22) Diisopropyl ether	6.36	45	702145	63.944	ug/l	98
23) Vinyl Acetate	6.30	43	1961193	313.856	ug/l	98
24) 1,1-Dichloroethane	6.26	63	419651	60.773	ug/l	99
25) 2-Butanone	7.21	43	279708	289.431	ug/l	98
26) 2,2-Dichloropropane	7.20	77	332695	52.525	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	258599	62.154	ug/l	99
28) Bromochloromethane	7.55	49	150372	56.564	ug/l	98
29) Tetrahydrofuran	7.56	42	182560	303.322	ug/l	98
30) Chloroform	7.71	83	451178	61.761	ug/l	97
31) Cyclohexane	7.99	56	328080	51.398	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	398049	57.954	ug/l	99
36) 1,1-Dichloropropene	8.11	75	328652	56.100	ug/l	99
37) Ethyl Acetate	7.29	43	132349	56.734	ug/l	99
38) Carbon Tetrachloride	8.10	117	344185	55.583	ug/l	99

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	353042	53.968	ug/l	99
40) Benzene	8.35	78	923872	57.581	ug/l	99
41) Methacrylonitrile	7.52	41	73208m	64.832	ug/l	
42) 1,2-Dichloroethane	8.42	62	292396	56.245	ug/l	99
43) Isopropyl Acetate	8.44	43	252225	56.420	ug/l	98
44) Trichloroethene	9.11	130	239794	56.976	ug/l	93
45) 1,2-Dichloropropane	9.38	63	234988	58.238	ug/l	90
46) Dibromomethane	9.47	93	129888	58.347	ug/l	99
47) Bromodichloromethane	9.66	83	354095	58.792	ug/l	98
48) Methyl methacrylate	9.45	41	126721	56.058	ug/l	92
49) 1,4-Dioxane	9.46	88	28548	1168.929	ug/l	100
51) 4-Methyl-2-Pentanone	10.23	43	670104	297.216	ug/l	100
52) Toluene	10.40	92	605533	59.621	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	308126	57.953	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	367897	57.620	ug/l	94
55) 1,1,2-Trichloroethane	10.80	97	172530	60.278	ug/l	95
56) Ethyl methacrylate	10.66	69	206125	61.851	ug/l	97
57) 1,3-Dichloropropane	10.94	76	293794	58.601	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	389445	255.487	ug/l	99
59) 2-Hexanone	10.98	43	443971	292.823	ug/l	98
60) Dibromochloromethane	11.14	129	227370	60.073	ug/l	99
61) 1,2-Dibromoethane	11.24	107	164400	59.038	ug/l	98
64) Tetrachloroethene	10.87	164	197257	56.748	ug/l	98
65) Chlorobenzene	11.67	112	616854	57.891	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	237002	58.280	ug/l	98
67) Ethyl Benzene	11.74	91	1150709	58.814	ug/l	100
68) m/p-Xylenes	11.85	106	856957	117.962	ug/l	97
69) o-Xylene	12.18	106	392398	60.271	ug/l	97
70) Styrene	12.19	104	696844	61.566	ug/l	100
71) Bromoform	12.36	173	119805	58.457	ug/l #	97
73) Isopropylbenzene	12.48	105	1079165	61.179	ug/l	99
74) N-amyl acetate	12.29	43	236094	59.095	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	185859	59.640	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	139486m	60.876	ug/l	
77) Bromobenzene	12.76	156	239791	60.975	ug/l	99
78) n-propylbenzene	12.82	91	1284141	60.052	ug/l	100
79) 2-Chlorotoluene	12.91	91	725821	60.504	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	900140	60.629	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	56023	57.083	ug/l	96
82) 4-Chlorotoluene	13.01	91	757534	59.052	ug/l	99
83) tert-Butylbenzene	13.23	119	753815	62.175	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	911534	61.667	ug/l	98
85) sec-Butylbenzene	13.40	105	1050274	60.128	ug/l	100
86) p-Isopropyltoluene	13.51	119	956207	60.820	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	455503	58.343	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	449611	57.376	ug/l	99
89) n-Butylbenzene	13.84	91	864159	56.405	ug/l	99
90) Hexachloroethane	14.11	117	196283	57.942	ug/l	96
91) 1,2-Dichlorobenzene	13.89	146	398857	58.448	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	30252	57.146	ug/l	98

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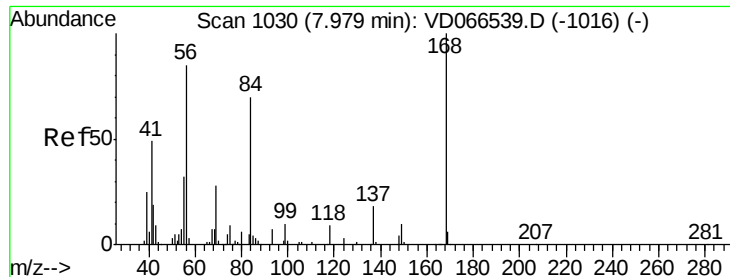
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	244978	59.817	ug/l	97
94) Hexachlorobutadiene	15.27	225	136473	55.467	ug/l	96
95) Naphthalene	15.40	128	461130	64.434	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	211672	60.622	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 323384

Ion Ratio Lower Upper

168 100

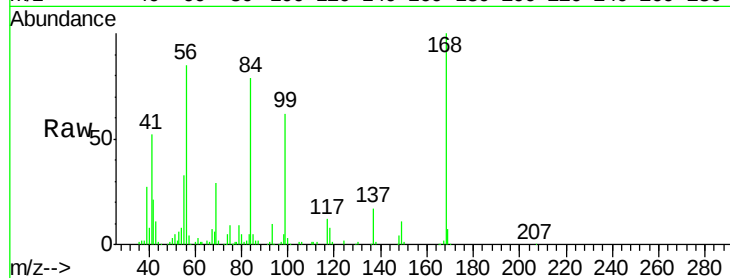
99 61.5 50.5 75.7

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

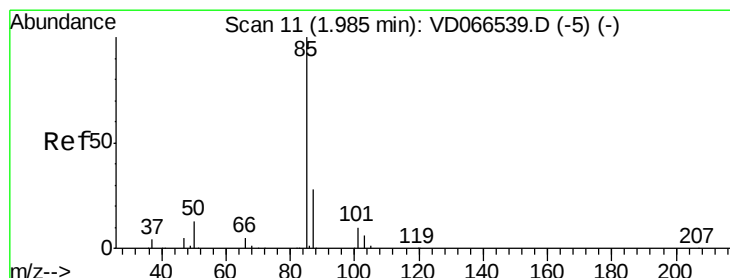
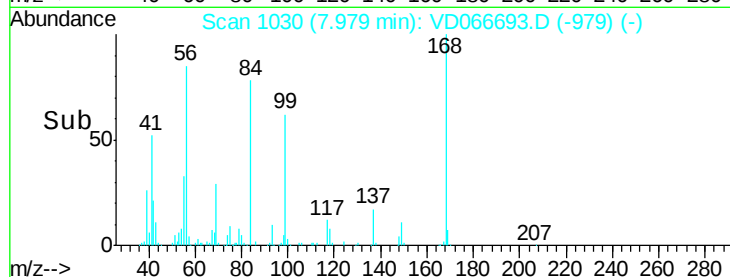
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50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 51.131 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066693.D

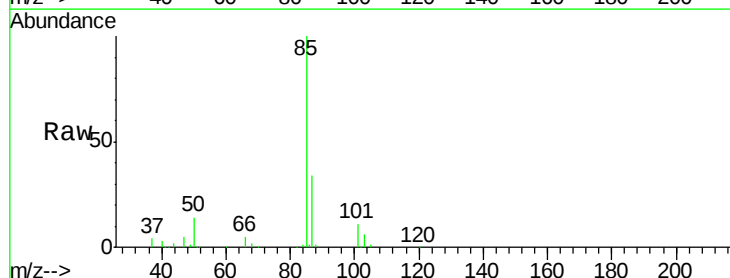
Acq: 15 Sep 2020 02:32

Tgt Ion: 85 Resp: 136301

Ion Ratio Lower Upper

85 100

87 34.2 14.2 42.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

100000

80000

60000

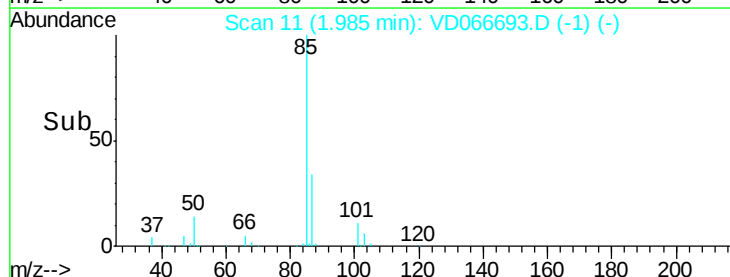
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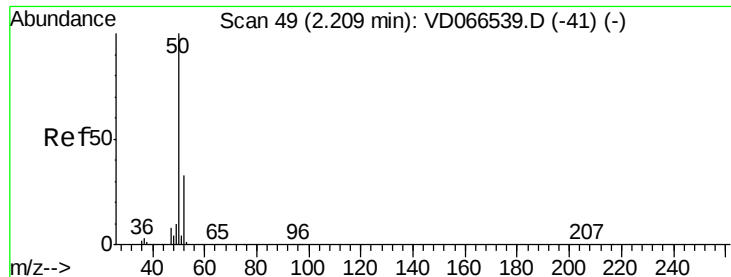
20000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 50.626 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 207043

Ion Ratio Lower Upper

50 100

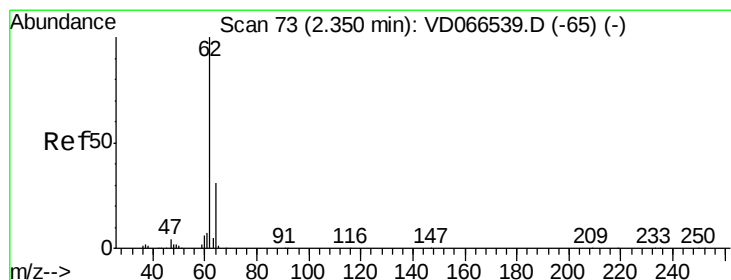
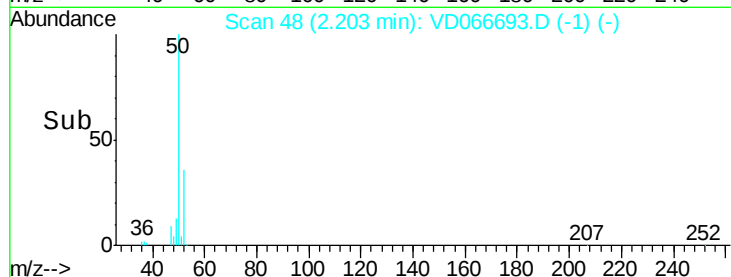
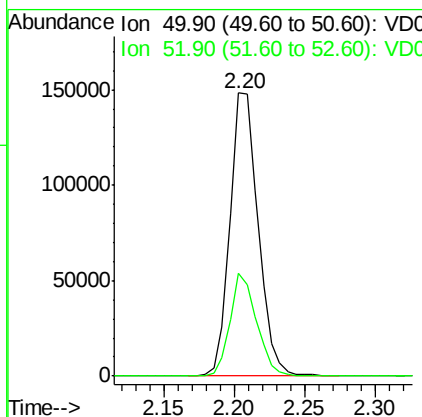
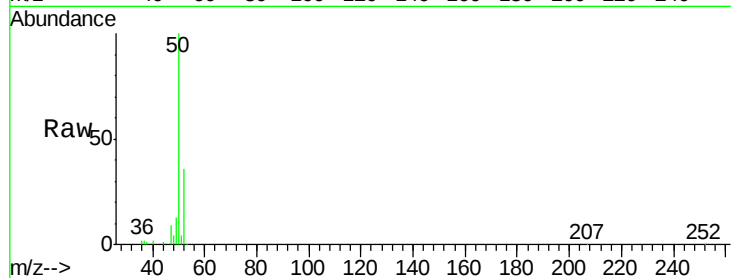
52 36.2 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.440 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066693.D

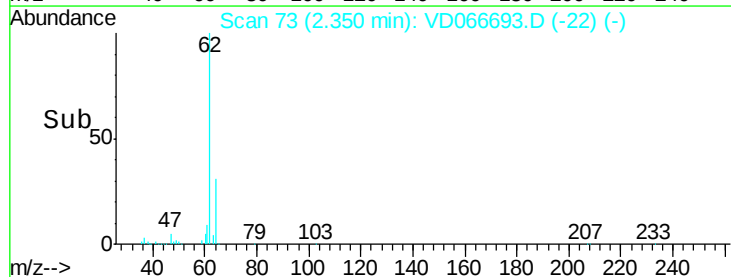
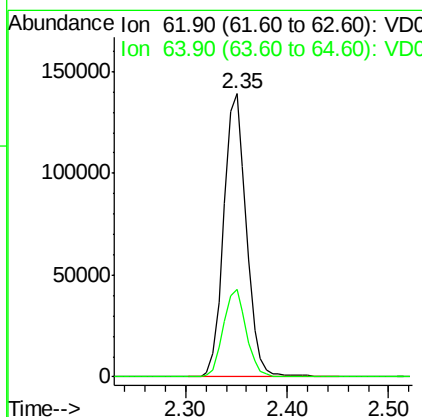
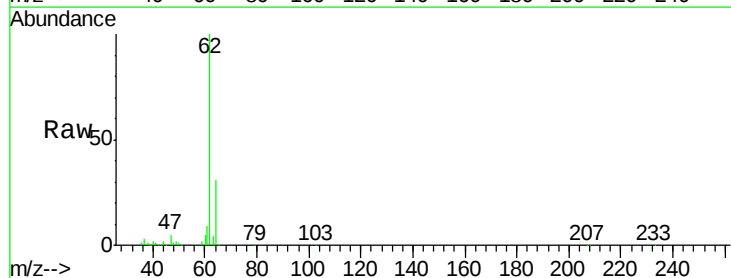
Acq: 15 Sep 2020 02:32

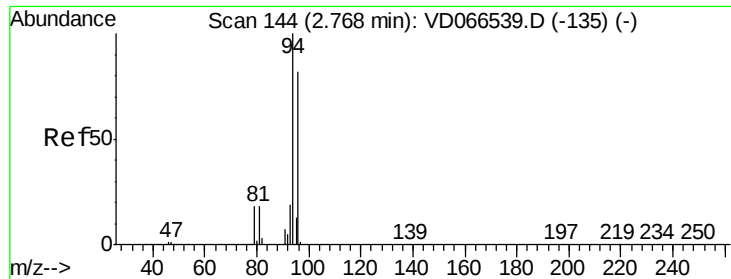
Tgt Ion: 62 Resp: 215184

Ion Ratio Lower Upper

62 100

64 31.0 25.3 37.9





#5

Bromomethane

Concen: 55.322 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 157254

Ion Ratio Lower Upper

94 100

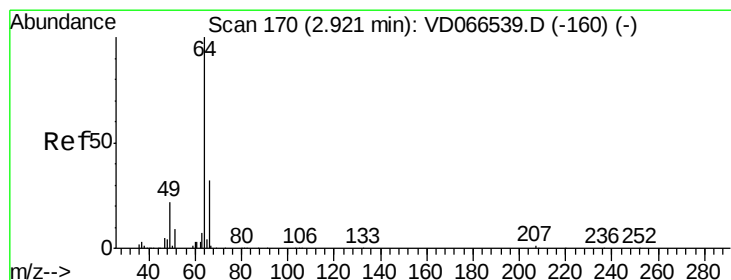
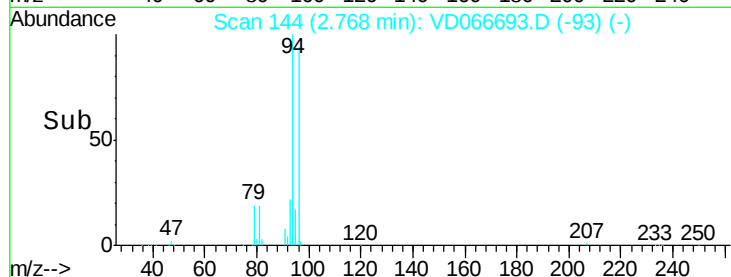
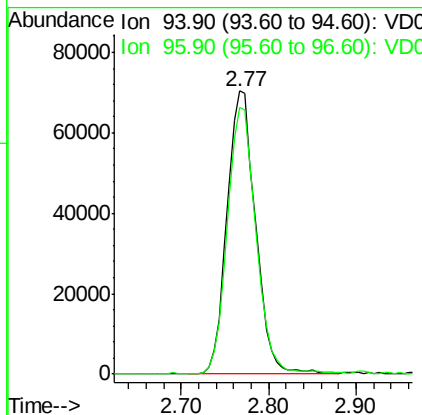
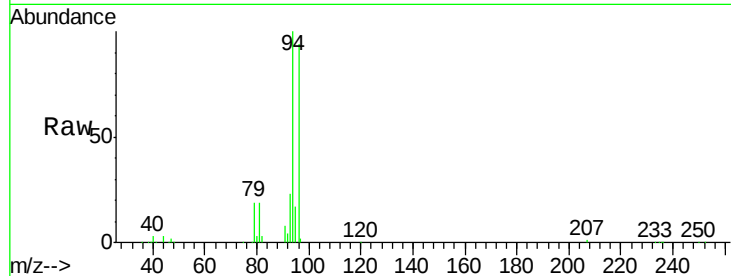
96 94.2 65.2 97.8

Manual Integrations

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#6

Chloroethane

Concen: 48.205 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD066693.D

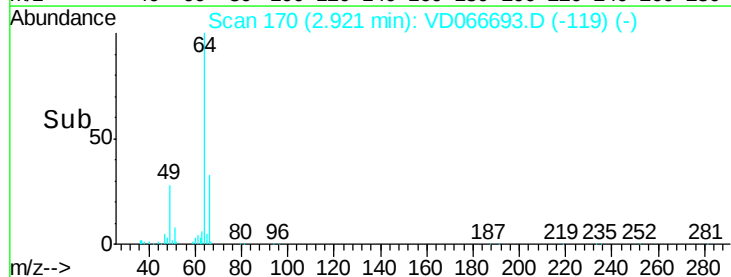
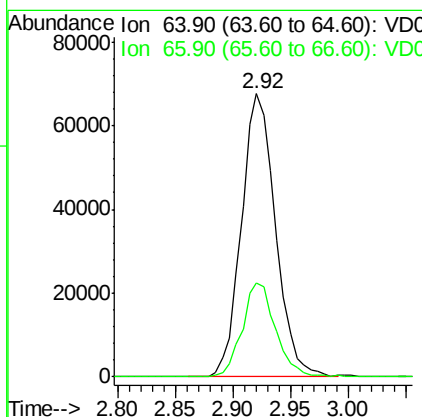
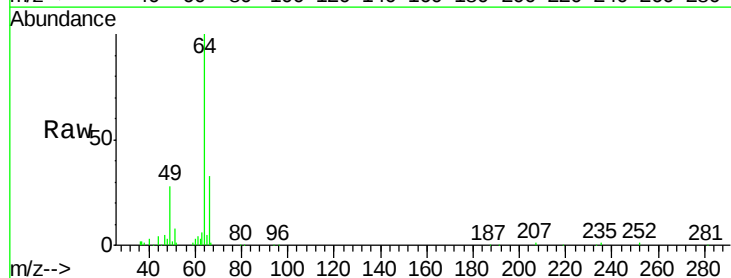
Acq: 15 Sep 2020 02:32

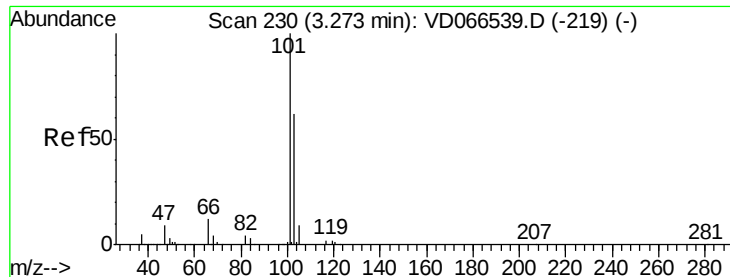
Tgt Ion: 64 Resp: 138882

Ion Ratio Lower Upper

64 100

66 33.2 25.4 38.0





#7

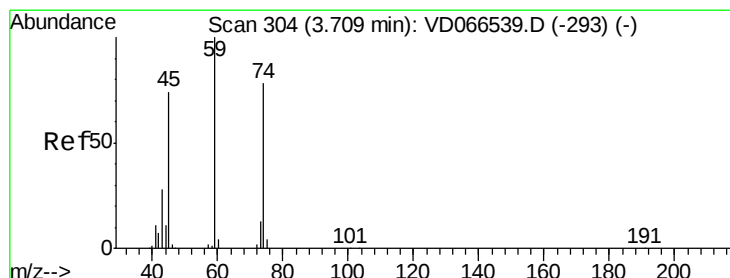
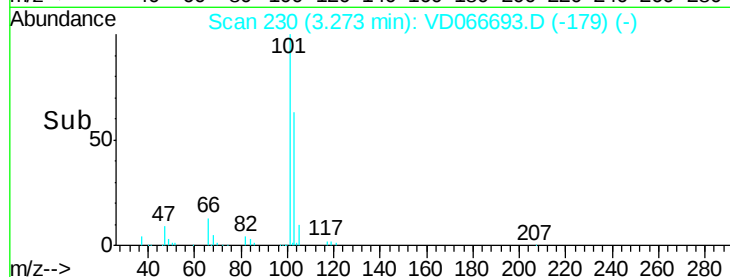
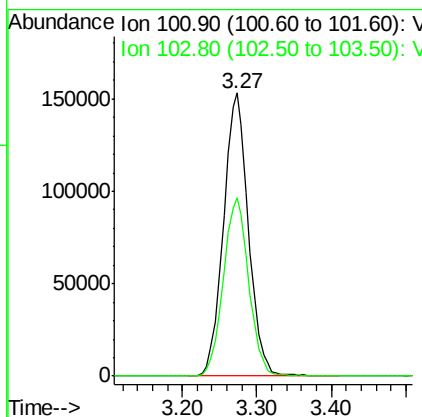
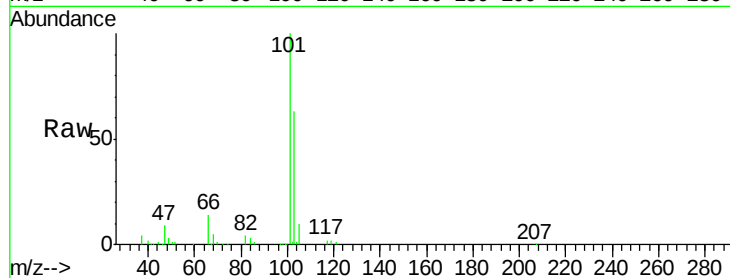
Trichlorofluoromethane
 Concen: 53.220 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD066693.D
 Acq: 15 Sep 2020 02:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.8	49.7	74.5

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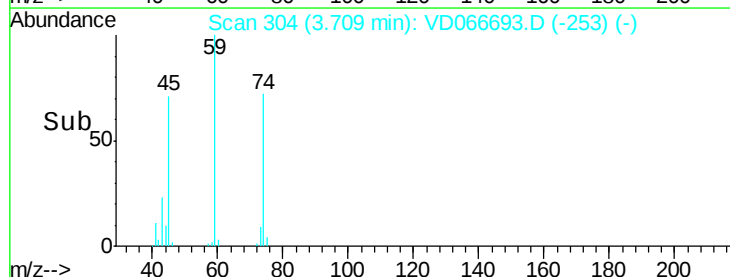
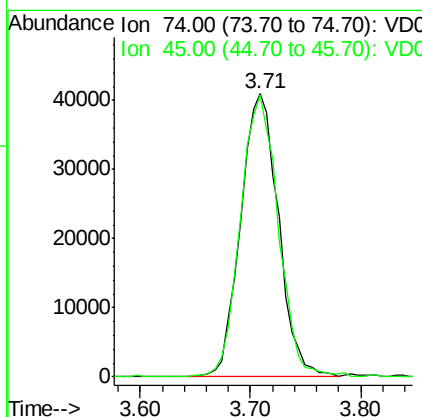
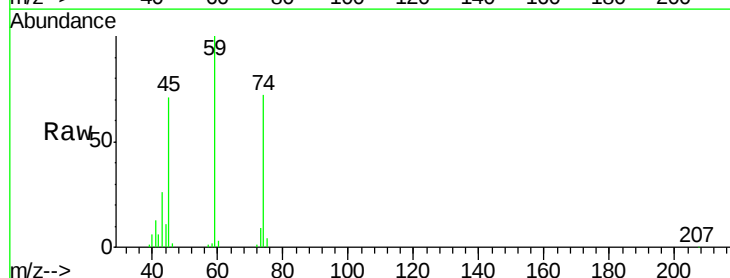
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 9/15/2020 2:28:03 PM

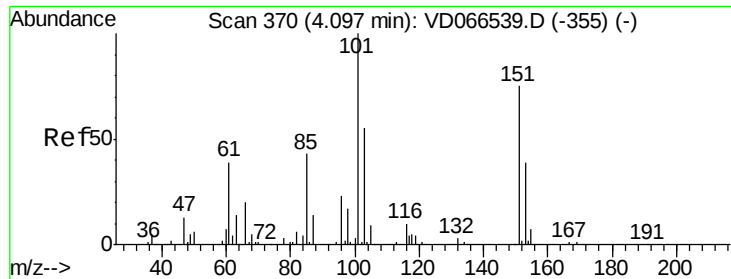


#8

Diethyl Ether
 Concen: 58.601 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD066693.D
 Acq: 15 Sep 2020 02:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.5	49.7	149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.277 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Instrument :

MSVOA_D

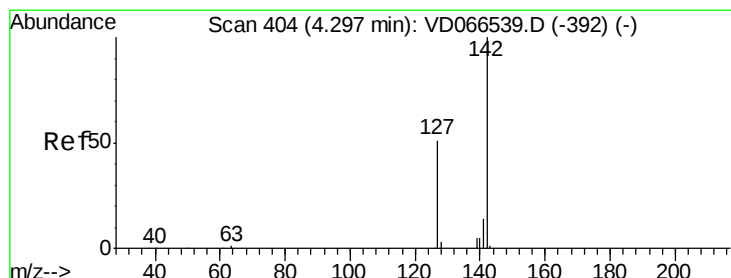
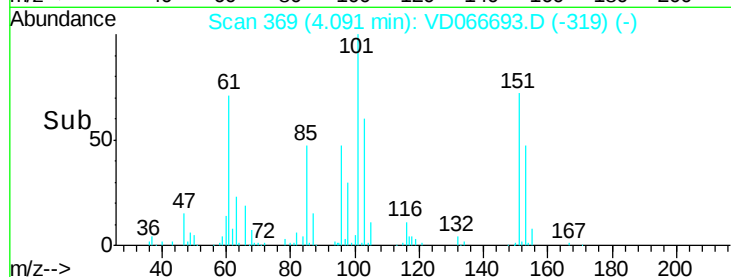
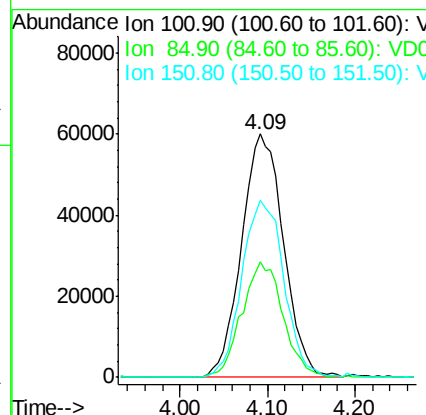
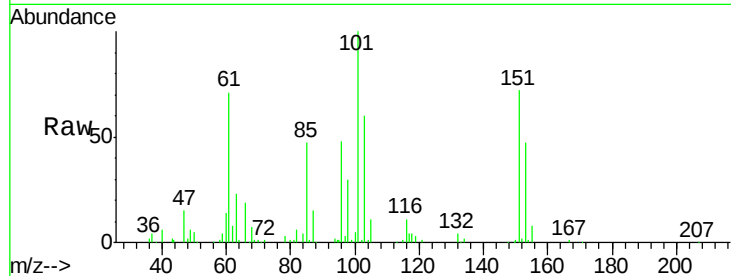
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	196837
Ion Ratio	Lower	Upper	
101	100		
85	46.3	37.0	55.6
151	72.5	59.4	89.2

Manual Integrations
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#10

Methyl Iodide

Concen: 57.348 ug/l

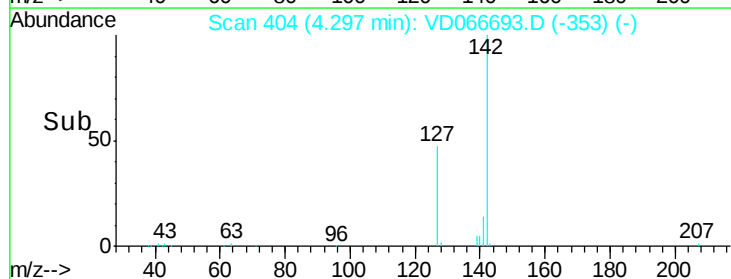
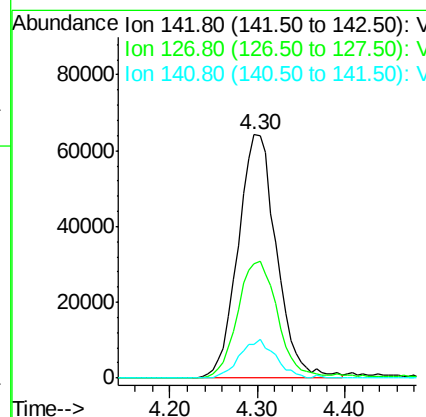
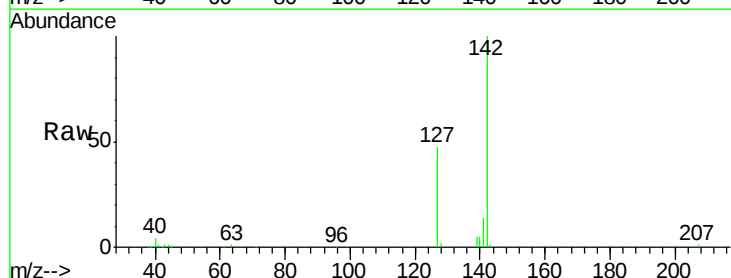
RT: 4.30 min Scan# 404

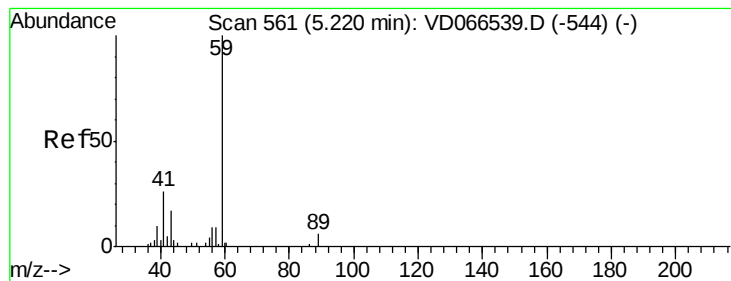
Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Tgt Ion:	142	Resp:	191828
Ion Ratio	Lower	Upper	
142	100		
127	49.9	40.6	61.0
141	14.8	12.2	18.4





#11

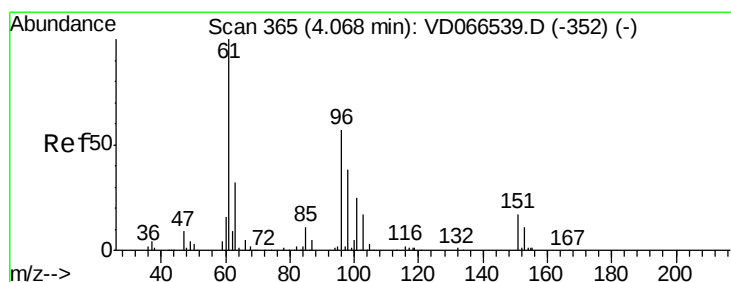
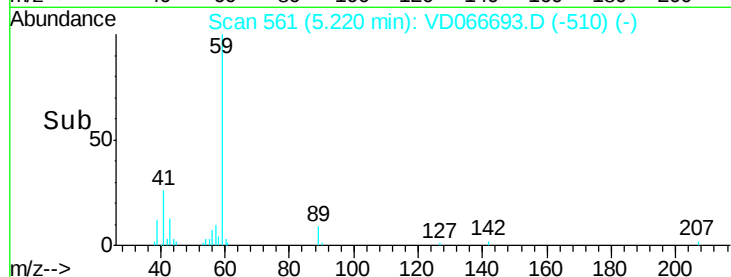
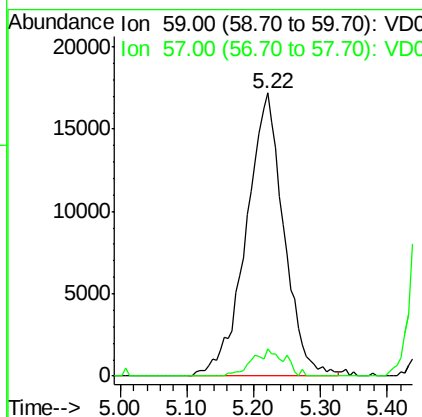
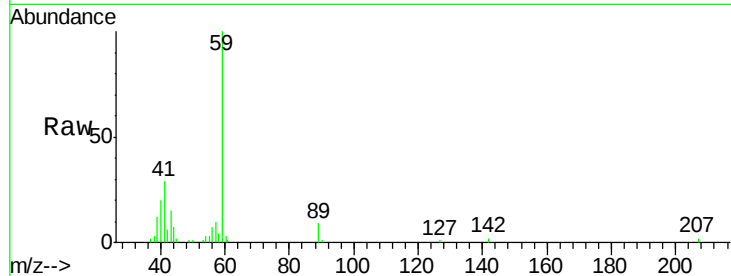
Tert butyl alcohol
Concen: 279.021 ug/l
RT: 5.22 min Scan# 561
Delta R.T. 0.00 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.0	7.6	11.4

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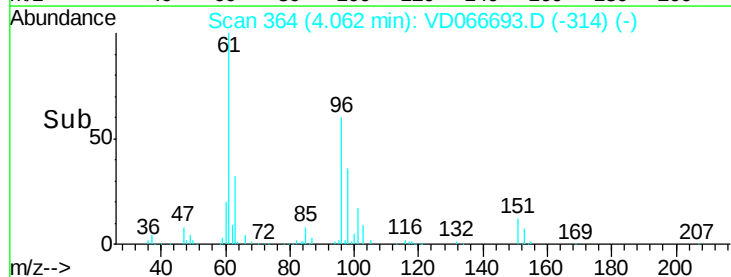
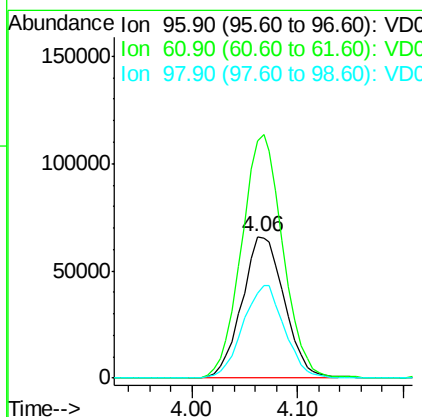
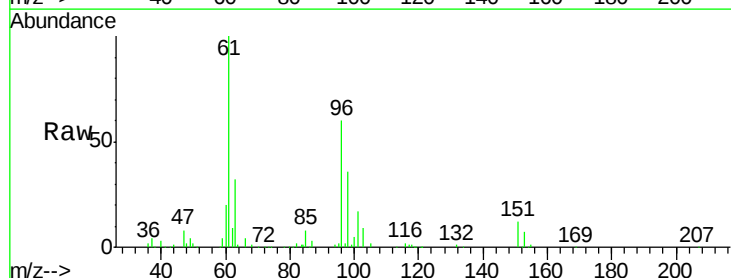
MMDadoda
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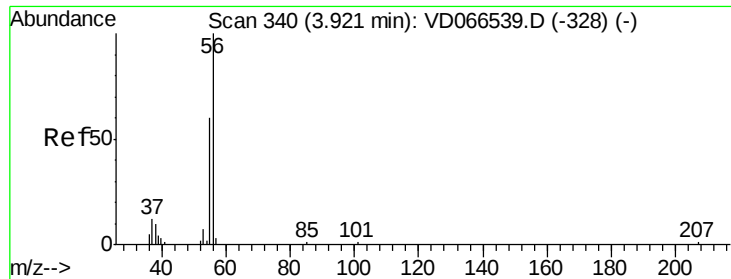


#12

1,1-Dichloroethene
Concen: 56.434 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.01 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.8	140.9	211.3
98	60.1	53.2	79.8





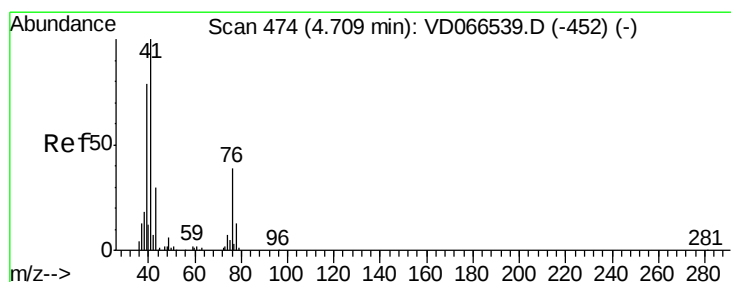
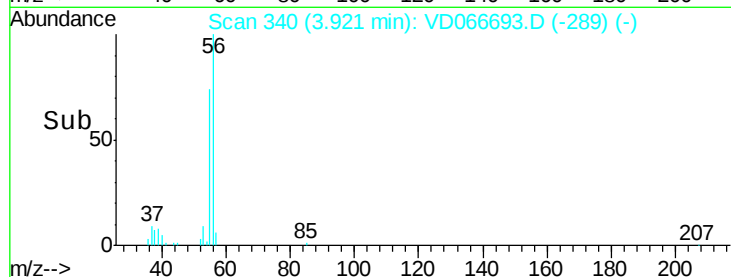
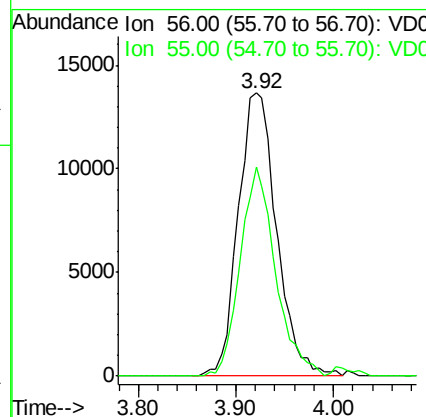
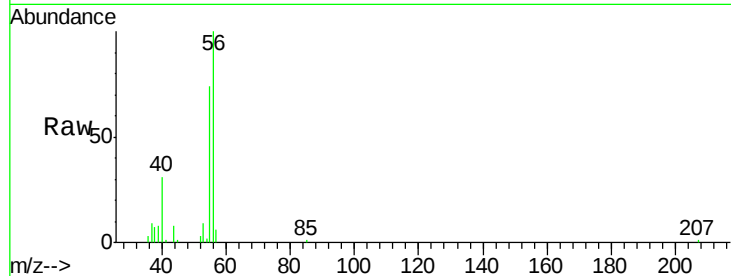
#13
Acrolein
Concen: 234.833 ug/l
RT: 3.92 min Scan# 340
Delta R.T. 0.00 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	68.1	53.6	80.4

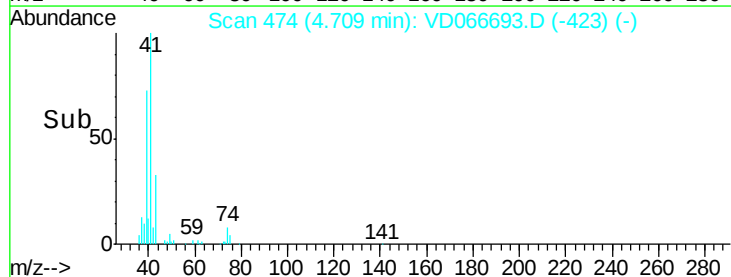
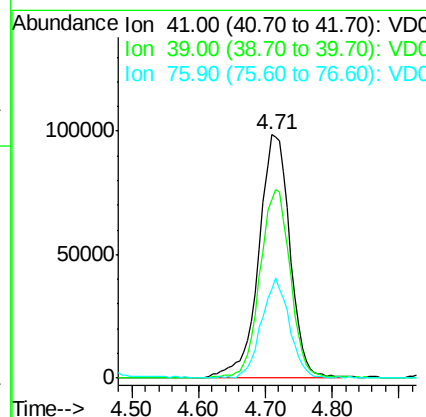
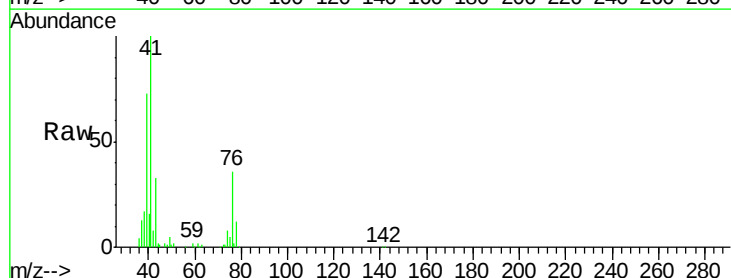
Manual Integrations
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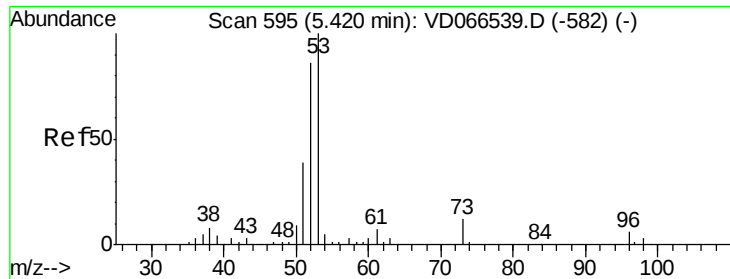
MMDadoda
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#14
Allyl chloride
Concen: 59.772 ug/l
RT: 4.71 min Scan# 474
Delta R.T. 0.00 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Tgt Ion	Ratio	Lower	Upper
41	100		
39	75.0	61.9	92.9
76	36.8	29.0	43.6





#15

Acrylonitrile

Concen: 314.010 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Instrument :

MSVOA_D

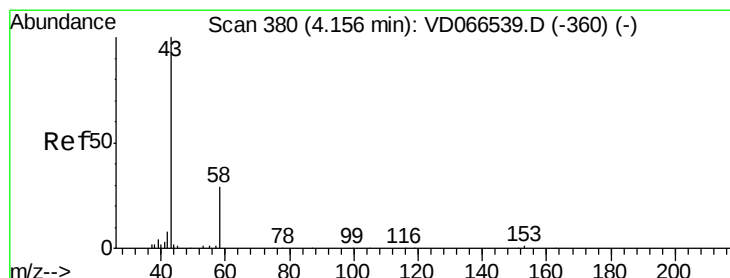
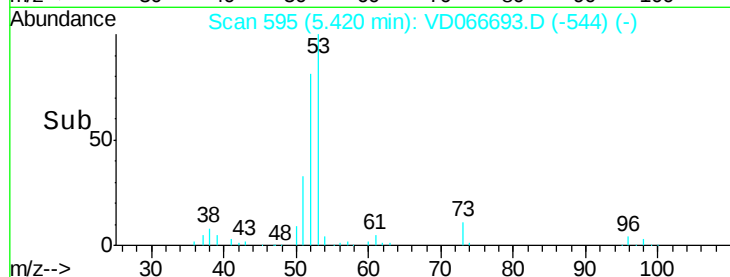
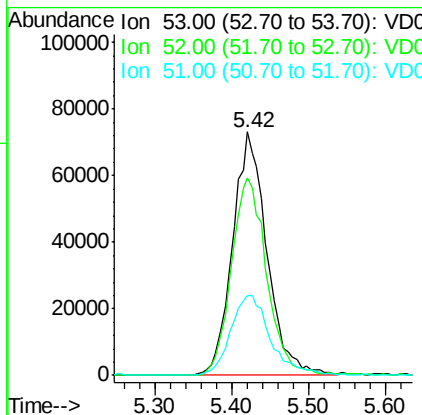
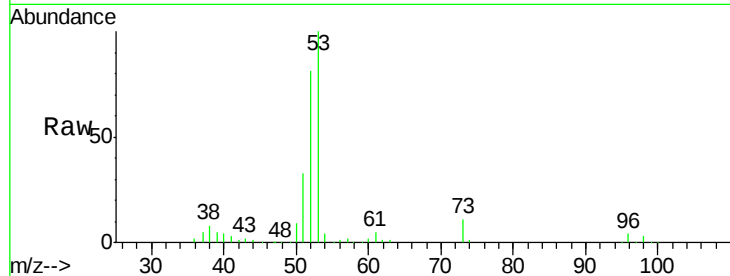
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	227608
Ion Ratio	Lower	Upper	
53	100		
52	82.8	65.4	98.2
51	37.9	31.2	46.8

Manual Integrations
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#16

Acetone

Concen: 253.957 ug/l

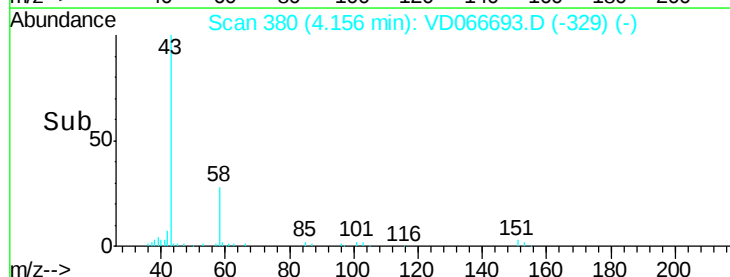
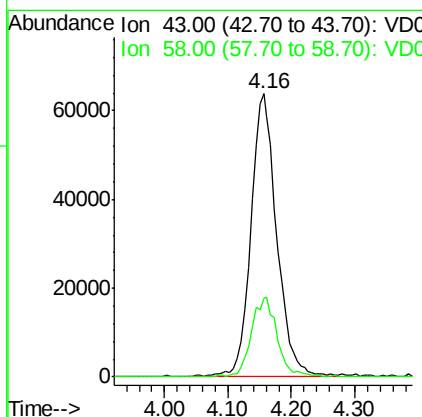
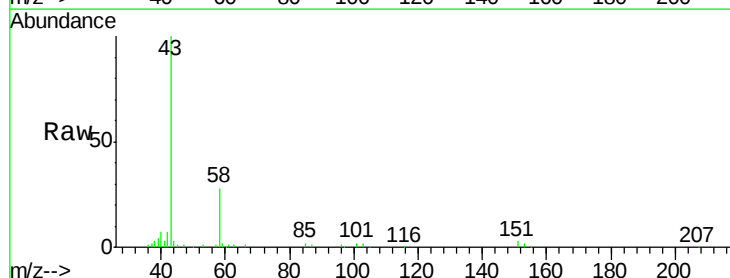
RT: 4.16 min Scan# 380

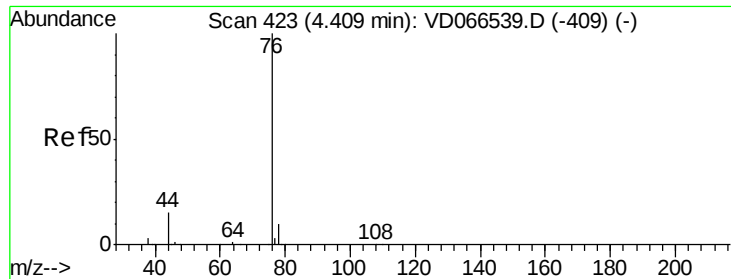
Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Tgt Ion:	43	Resp:	182827
Ion Ratio	Lower	Upper	
43	100		
58	27.6	22.9	34.3





#17

Carbon Disulfide

Concen: 53.688 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 575045

Ion Ratio Lower Upper

76 100

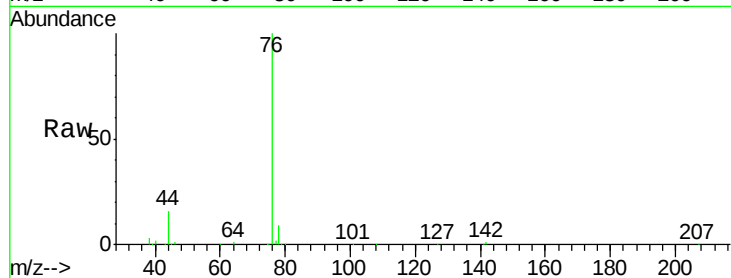
78 9.3 7.6 11.4

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.41

200000

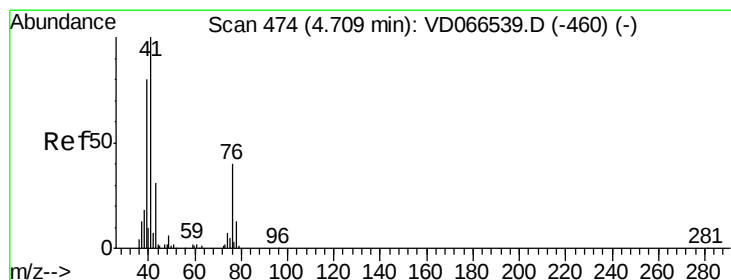
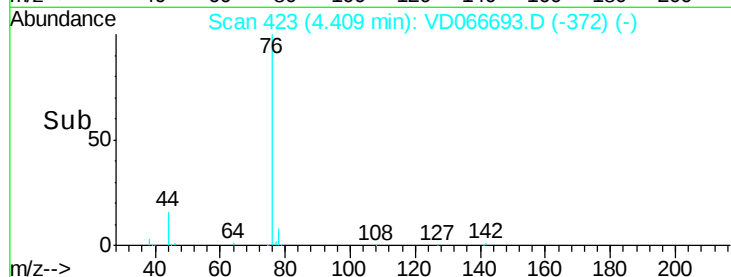
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 61.439 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066693.D

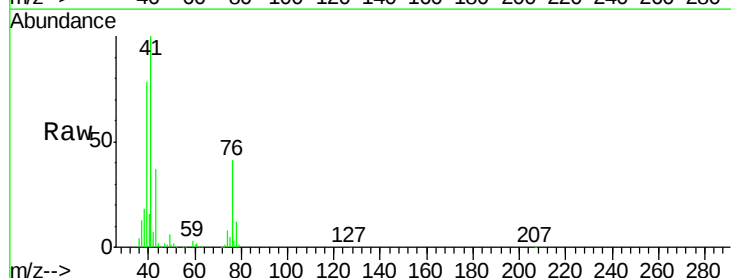
Acq: 15 Sep 2020 02:32

Tgt Ion: 43 Resp: 105438

Ion Ratio Lower Upper

43 100

74 23.7 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.71

40000

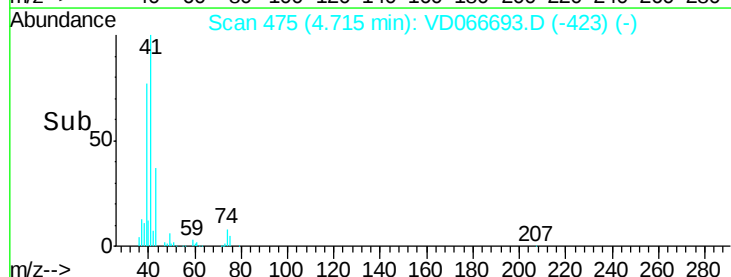
30000

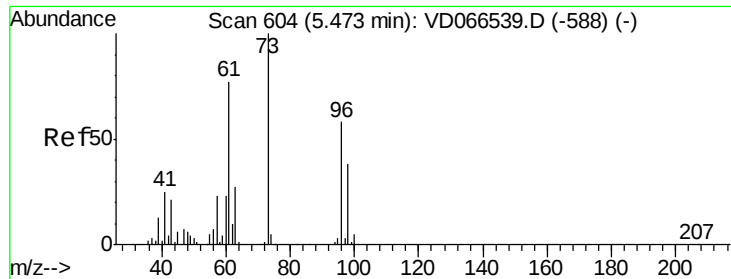
20000

10000

0

Time-->





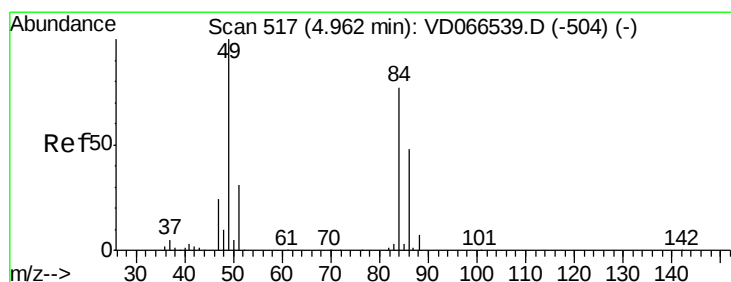
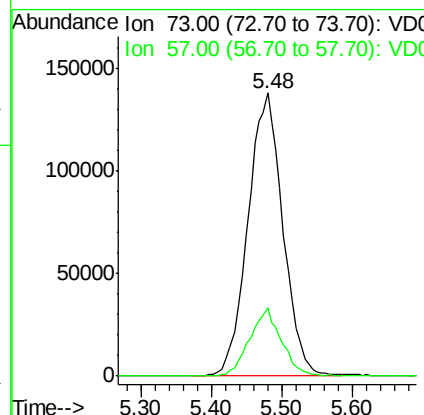
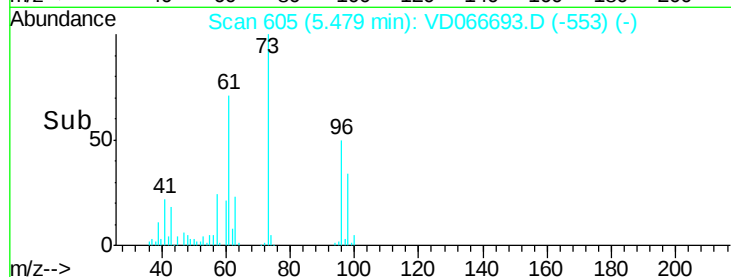
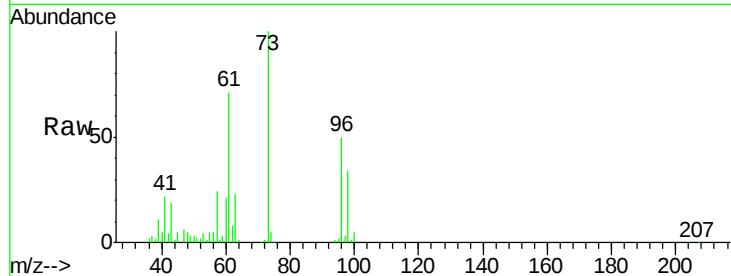
#19
Methyl tert-butyl Ether
Concen: 62.150 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 474847
Ion Ratio Lower Upper
73 100
57 24.3 18.3 27.5

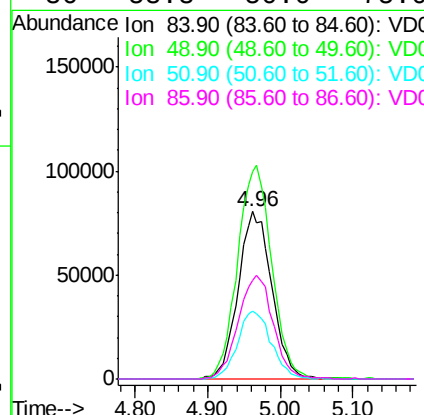
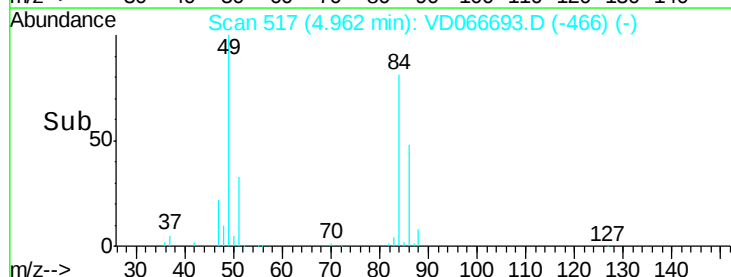
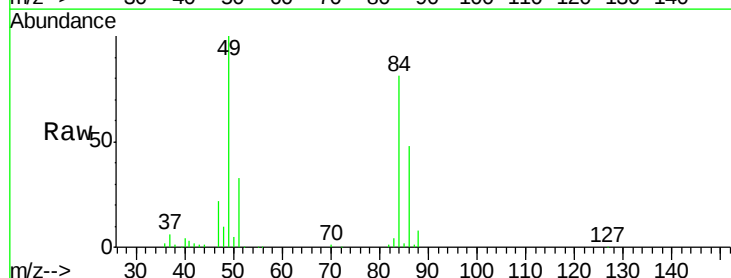
Manual Integrations
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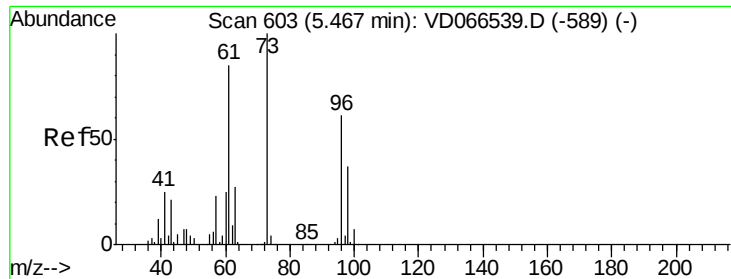
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#20
Methylene Chloride
Concen: 68.737 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Tgt Ion: 84 Resp: 259948
Ion Ratio Lower Upper
84 100
49 123.8 104.3 156.5
51 40.6 32.2 48.4
86 58.8 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 59.168 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Instrument :

MSVOA_D

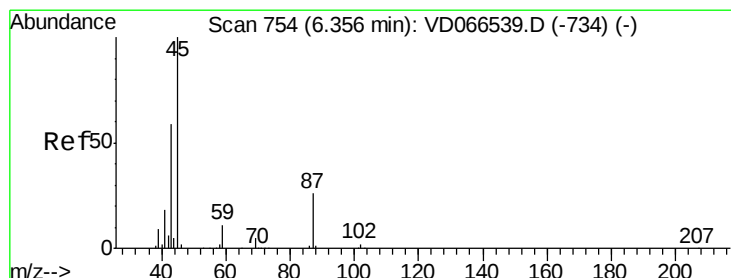
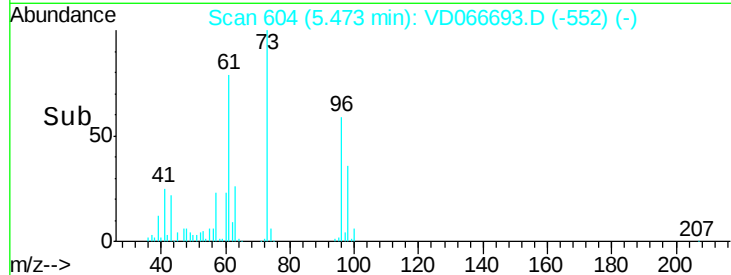
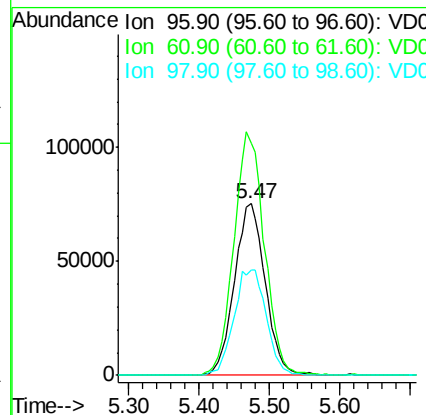
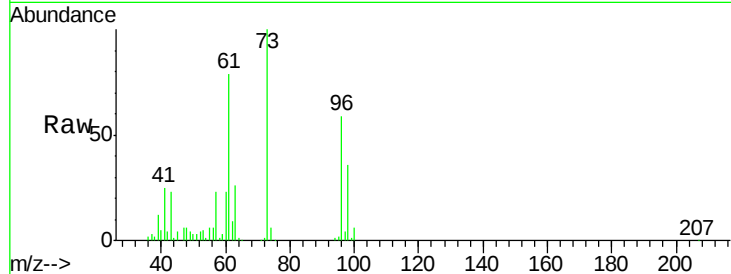
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	228923
Ion	Ratio	Lower	Upper
96	100		
61	134.9	112.1	168.1
98	61.3	48.6	72.8

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#22

Diisopropyl ether

Concen: 63.944 ug/l

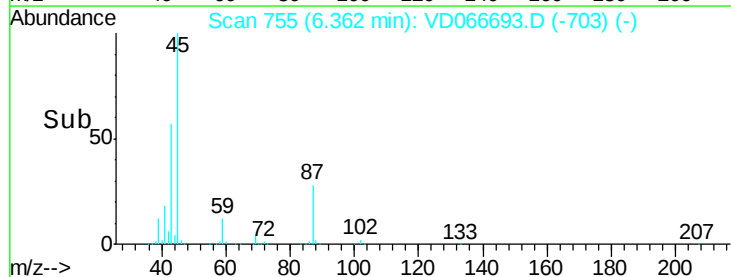
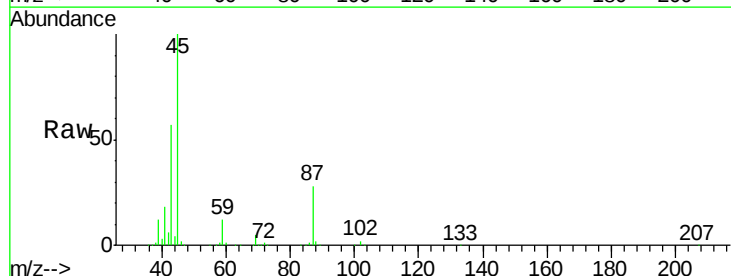
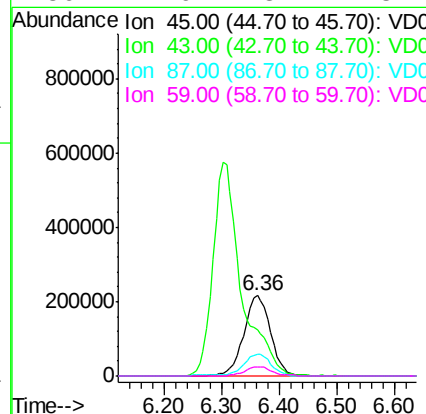
RT: 6.36 min Scan# 755

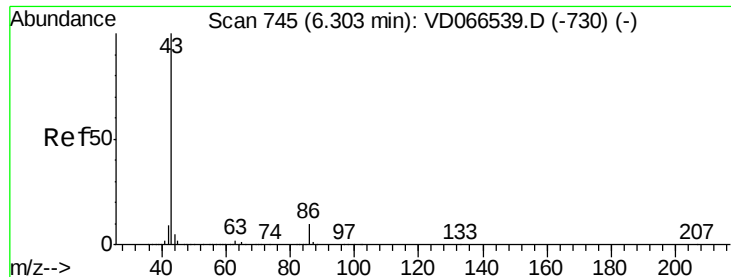
Delta R.T. 0.01 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Tgt Ion:	45	Resp:	702145
Ion	Ratio	Lower	Upper
45	100		
43	56.9	47.0	70.4
87	27.7	21.3	31.9
59	11.9	8.7	13.1





#23

Vinyl Acetate

Concen: 313.856 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1961193

Ion Ratio Lower Upper

43 100

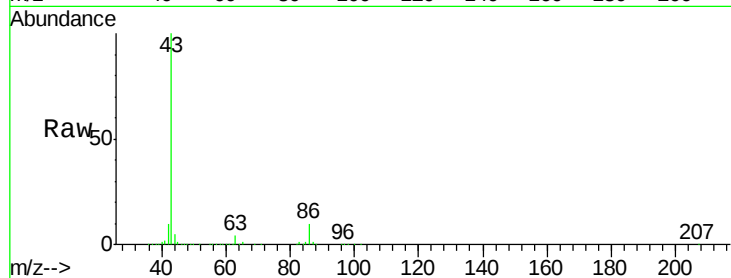
86 10.4 7.7 11.5

Manual Integrations

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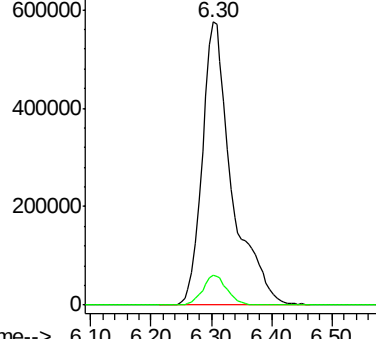
MMDadoda

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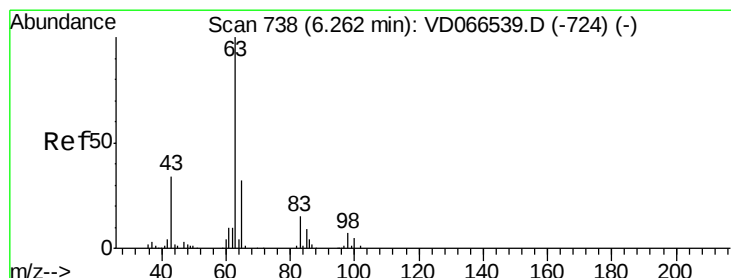
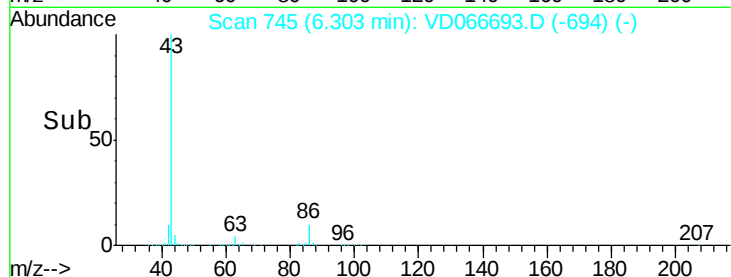


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



Time--> 6.10 6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 60.773 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

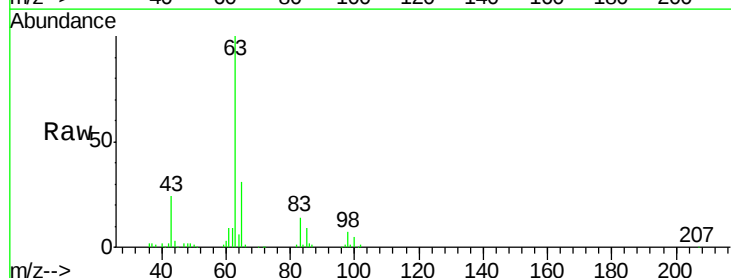
Tgt Ion: 63 Resp: 419651

Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.1

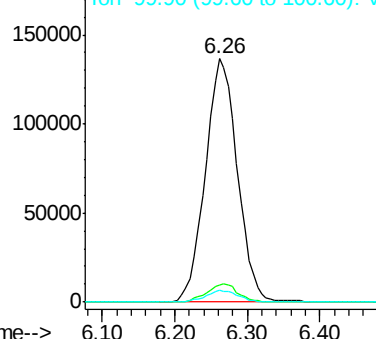
100 4.8 2.5 7.4



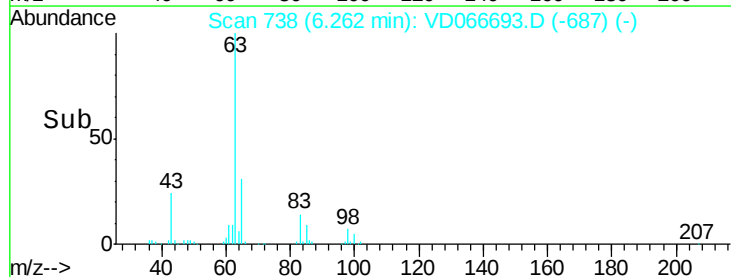
Abundance Ion 62.90 (62.60 to 63.60): VDC

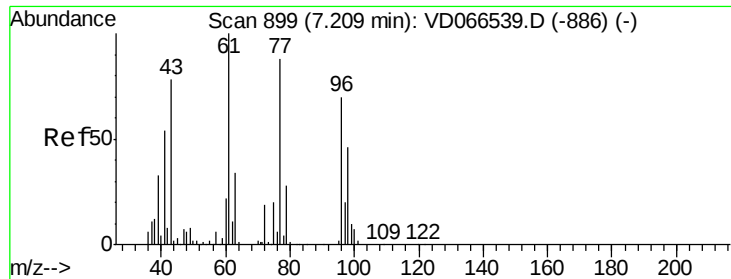
Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC



Time--> 6.10 6.20 6.30 6.40





#25

2-Butanone

Concen: 289.431 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 279708

Ion Ratio Lower Upper

43 100

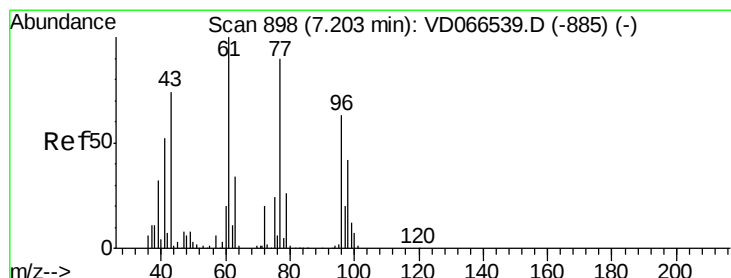
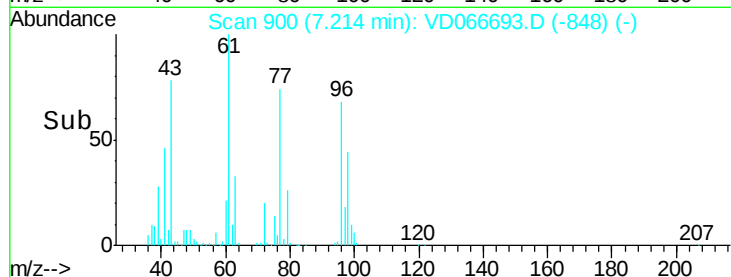
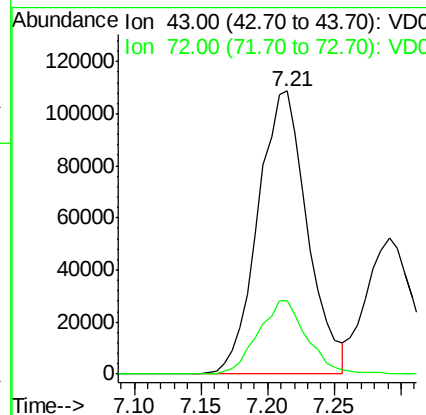
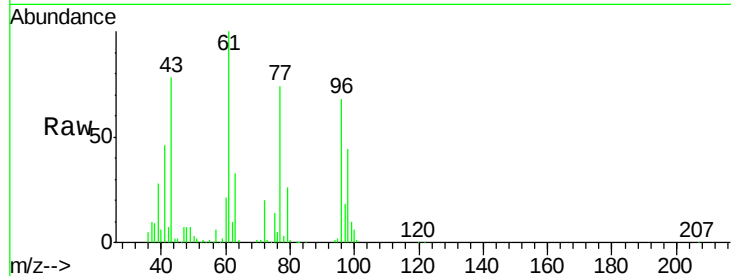
72 25.9 19.8 29.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 52.525 ug/l

RT: 7.20 min Scan# 898

Delta R.T. 0.00 min

Lab File: VD066693.D

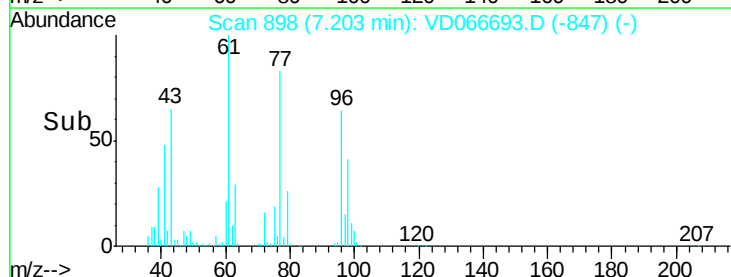
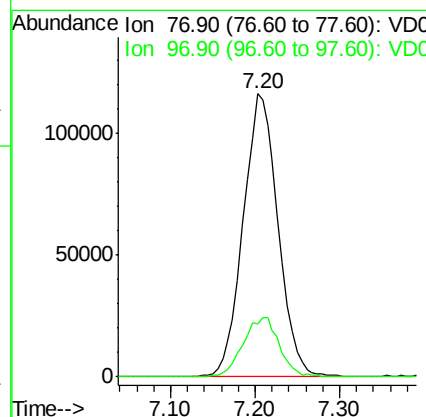
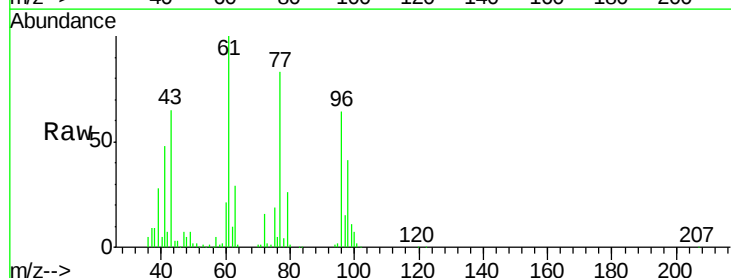
Acq: 15 Sep 2020 02:32

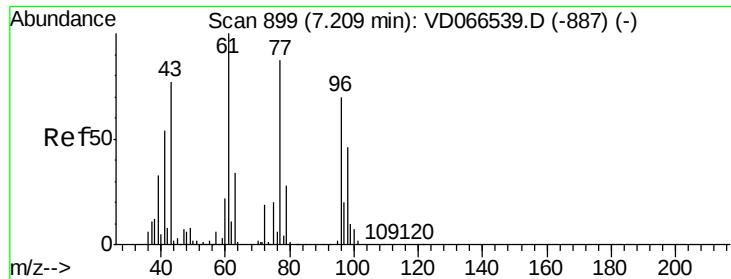
Tgt Ion: 77 Resp: 332695

Ion Ratio Lower Upper

77 100

97 21.8 10.8 32.3





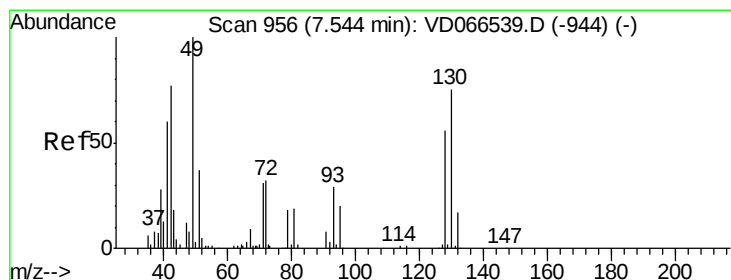
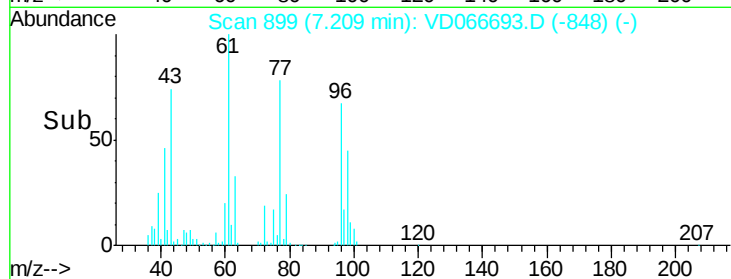
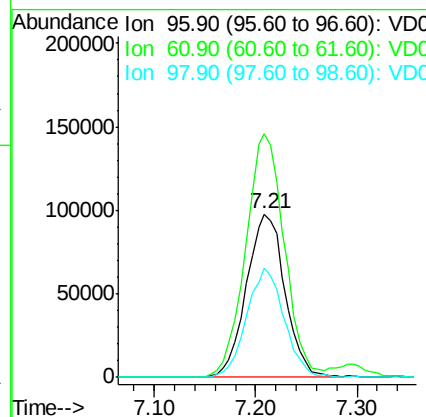
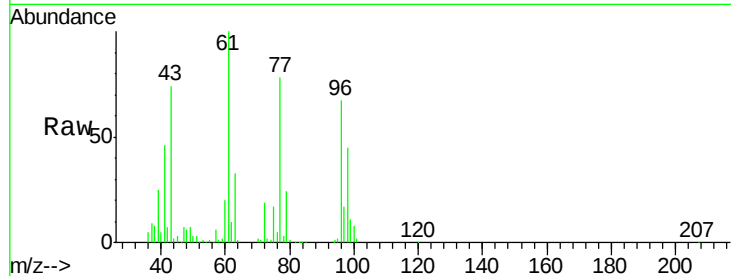
#27
 cis-1,2-Dichloroethene
 Concen: 62.154 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD066693.D
 Acq: 15 Sep 2020 02:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	258599		
61	149.6	0.0	301.0	
98	65.3	0.0	129.8	

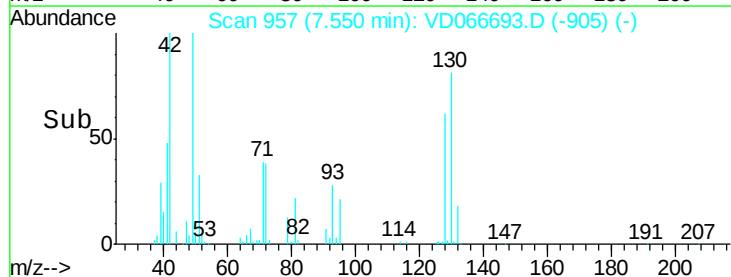
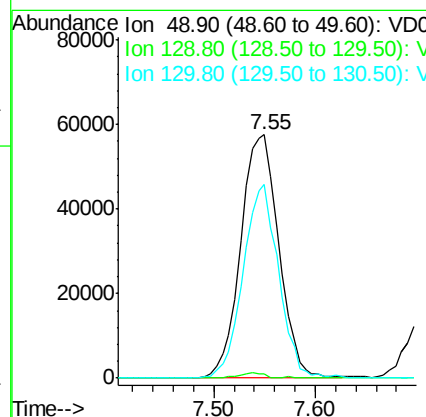
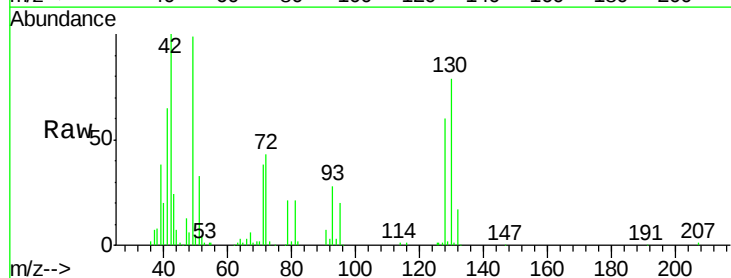
Manual Integrations
 APPROVED

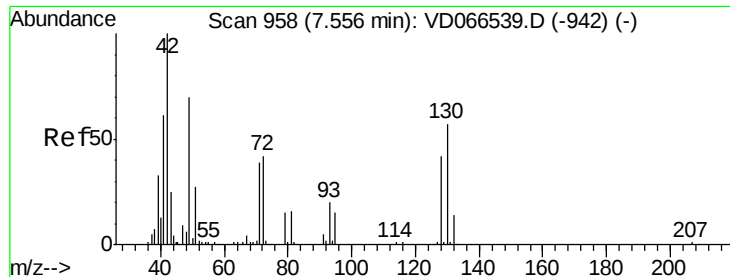
MMDadoda
 9/15/2020 2:28:03 PM



#28
 Bromochloromethane
 Concen: 56.564 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.01 min
 Lab File: VD066693.D
 Acq: 15 Sep 2020 02:32

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	150372		
129	1.5	0.0	2.6	
130	74.2	58.2	87.2	





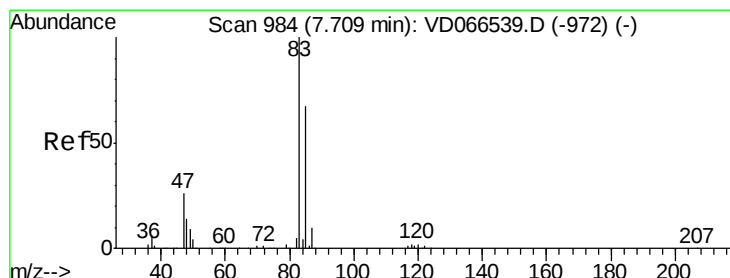
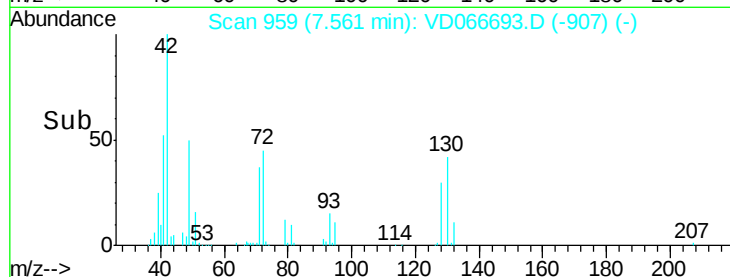
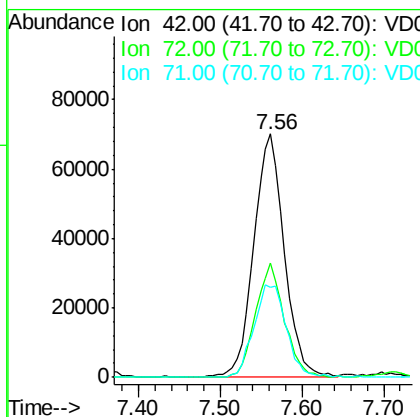
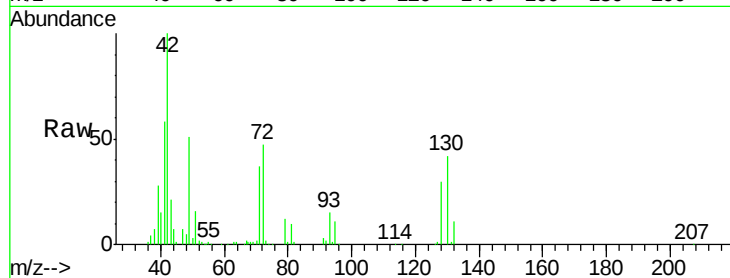
#29
Tetrahydrofuran
Concen: 303.322 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.01 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.2	33.4	50.0
71	40.2	31.9	47.9

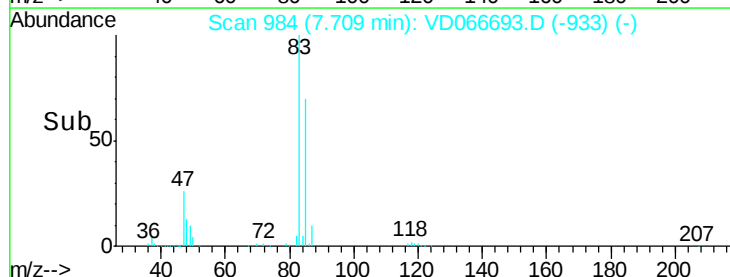
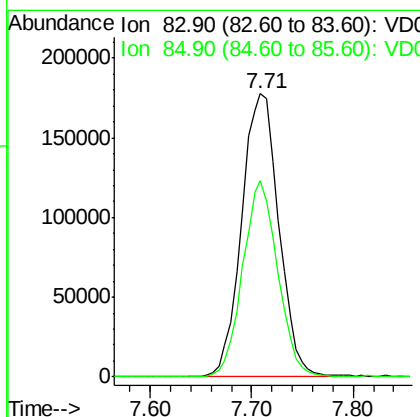
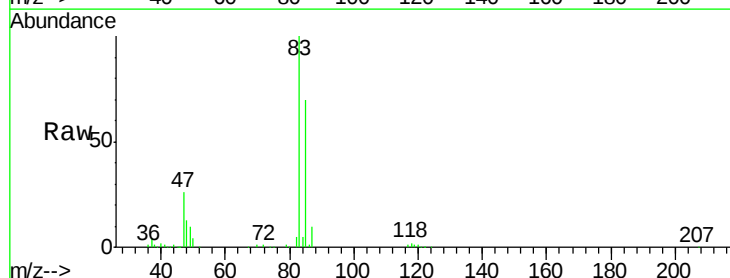
Manual Integrations
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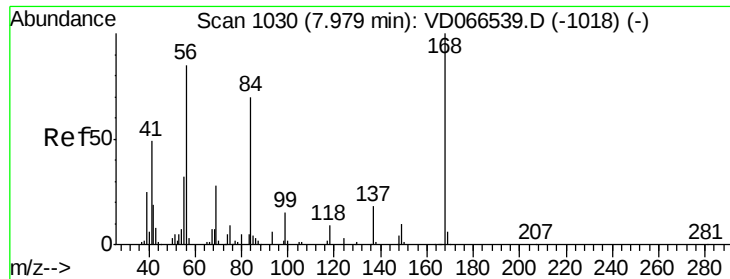
MMDadoda
9/15/2020 2:28:03 PM



#30
Chloroform
Concen: 61.761 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	69.5	53.6	80.4





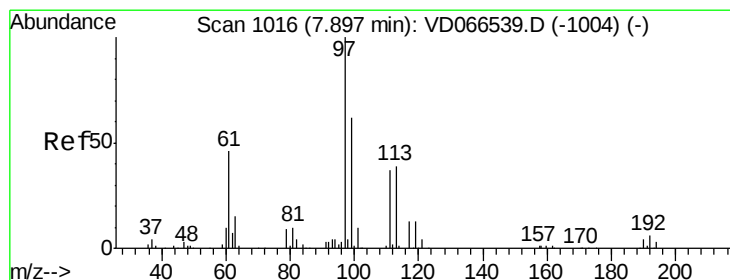
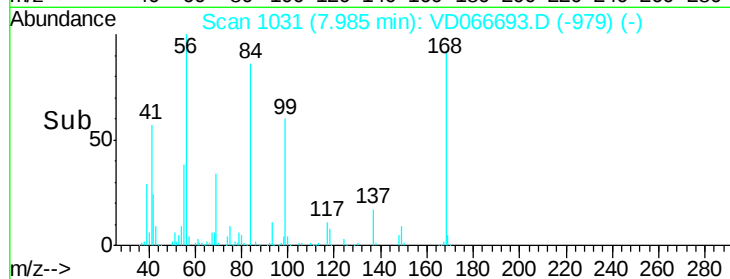
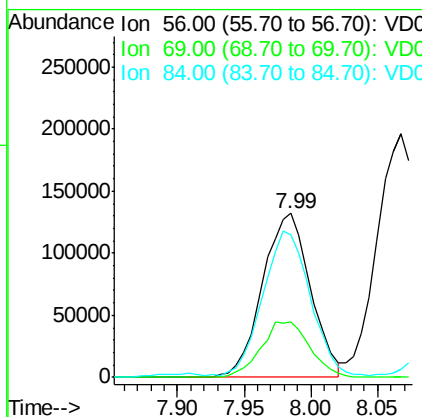
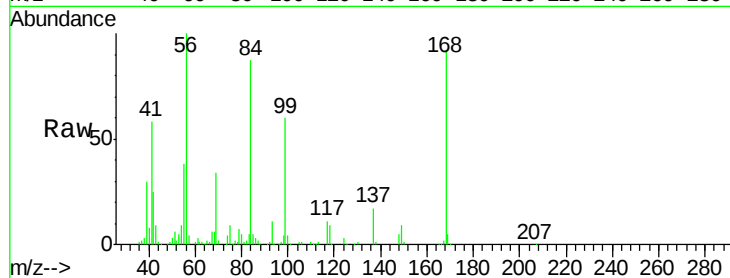
#31
Cyclohexane
Concen: 51.398 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.8	26.3	39.5
84	85.0	66.1	99.1

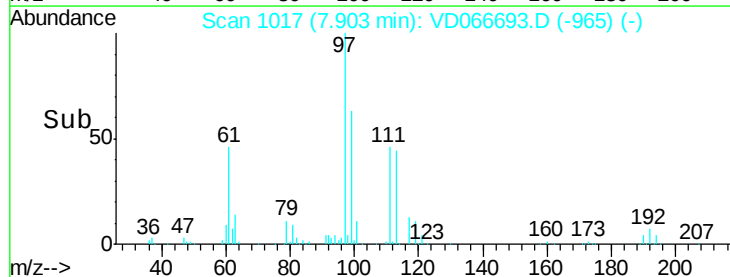
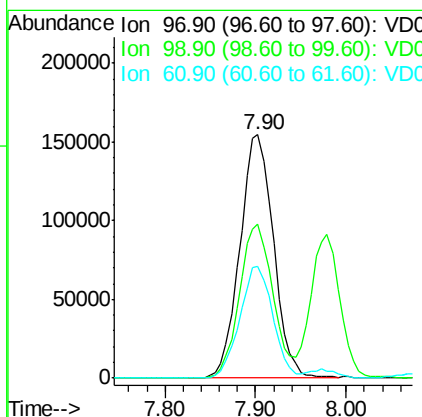
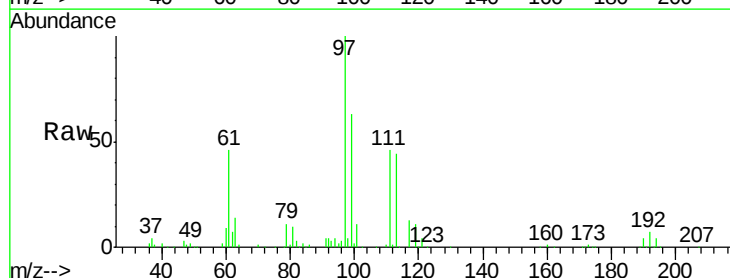
Manual Integrations
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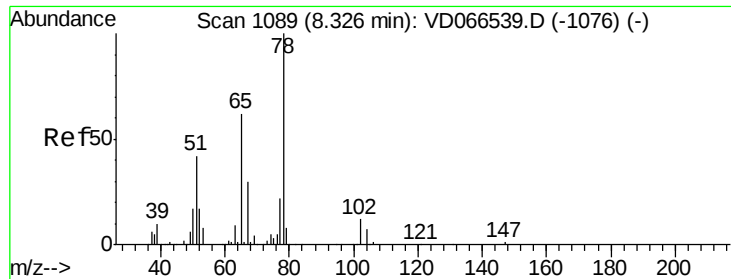
MMDadoda
9/15/2020 2:28:03 PM



#32
1,1,1-Trichloroethane
Concen: 57.954 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.4	77.0
61	45.3	37.4	56.0





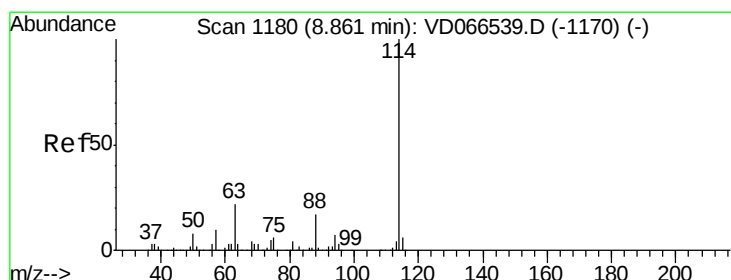
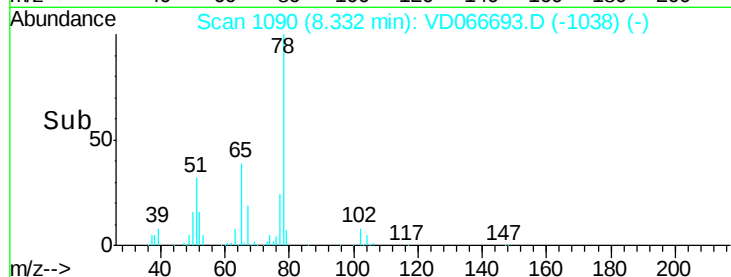
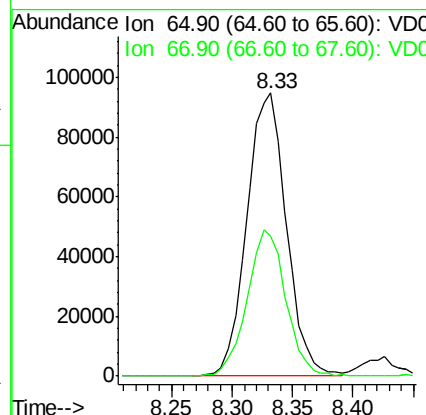
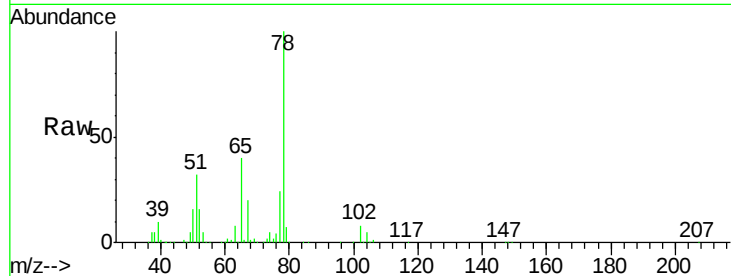
#33
 1,2-Dichloroethane-d4
 Concen: 55.284 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.01 min
 Lab File: VD066693.D
 Acq: 15 Sep 2020 02:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	216306		
67	50.6	0.0	102.8	

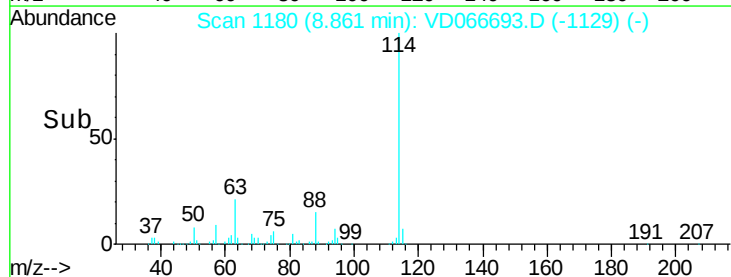
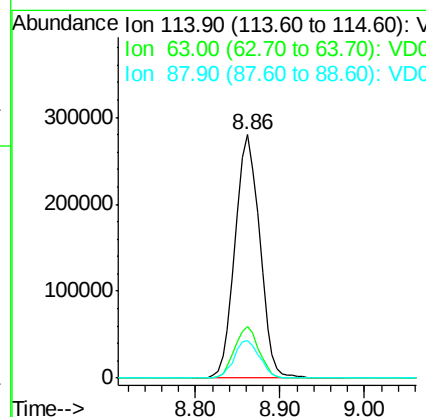
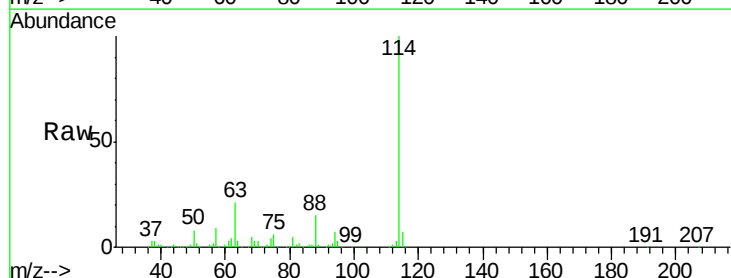
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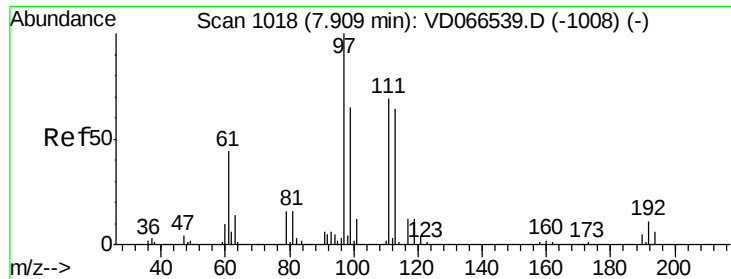
MMDadoda
 9/15/2020 2:28:03 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066693.D
 Acq: 15 Sep 2020 02:32

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	562926		
63	21.0	0.0	43.2	
88	15.3	0.0	33.2	





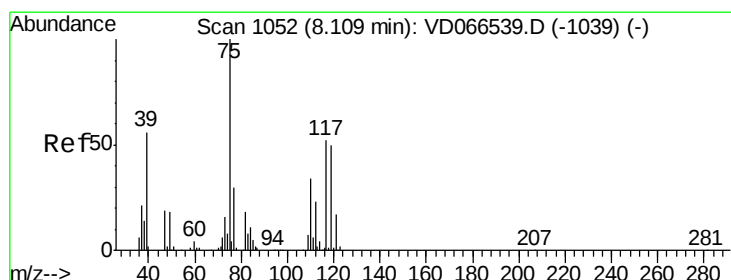
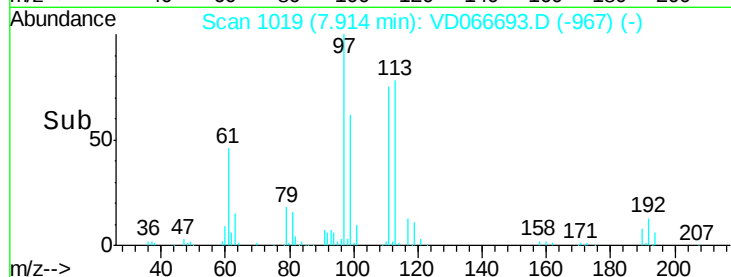
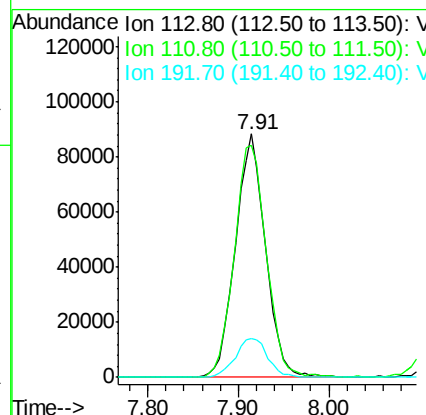
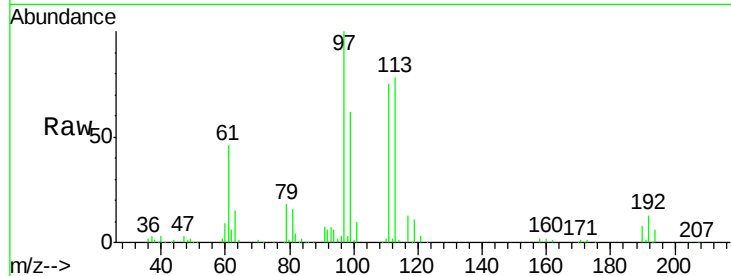
#35
 Dibromofluoromethane
 Concen: 53.680 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066693.D
 Acq: 15 Sep 2020 02:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	203852		
111	101.5	83.2	124.8	
192	17.3	13.7	20.5	

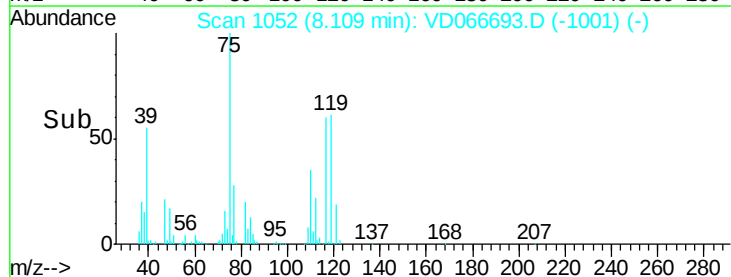
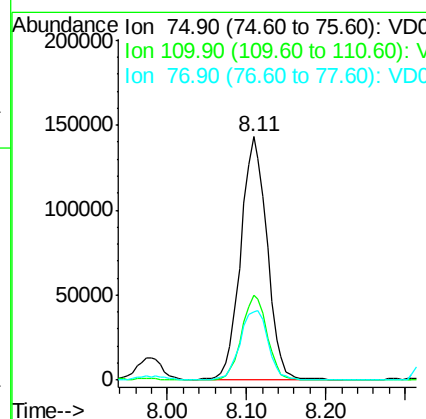
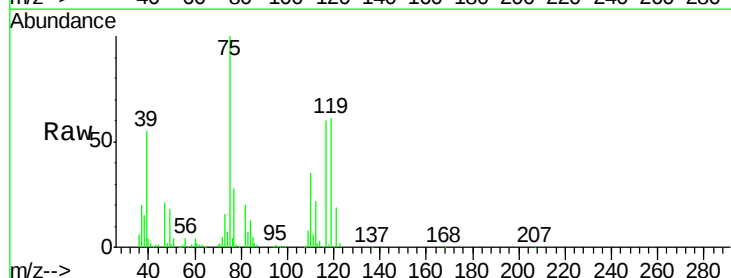
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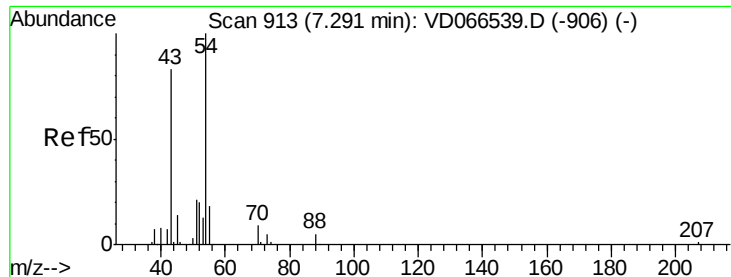
MMDadoda
 9/15/2020 2:28:03 PM



#36
 1,1-Dichloropropene
 Concen: 56.100 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VD066693.D
 Acq: 15 Sep 2020 02:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	328652		
110	33.9	17.3	52.0	
77	30.7	25.1	37.7	





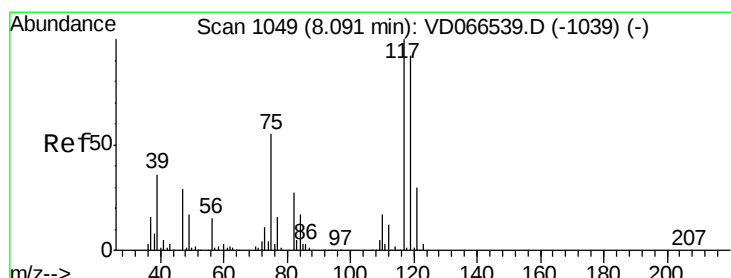
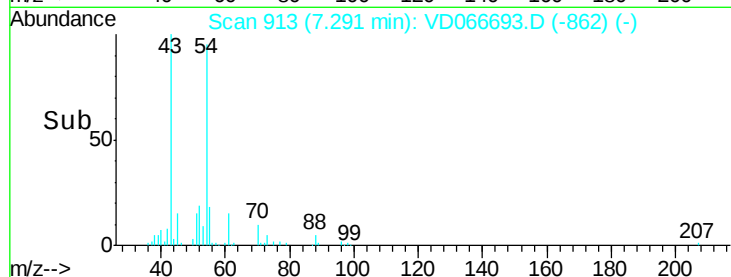
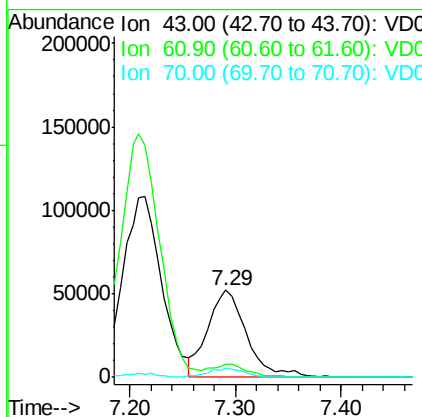
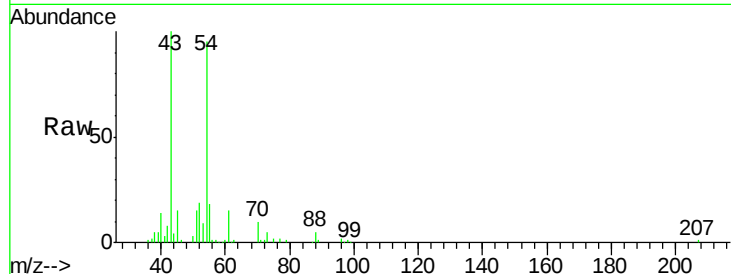
#37
Ethyl Acetate
Concen: 56.734 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.8	17.8
70	9.9	7.9	11.9

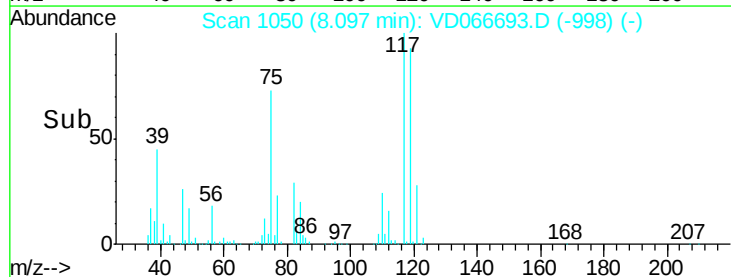
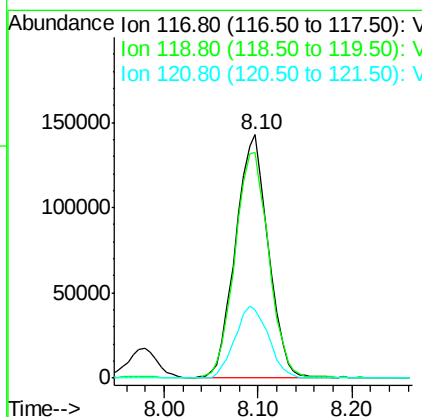
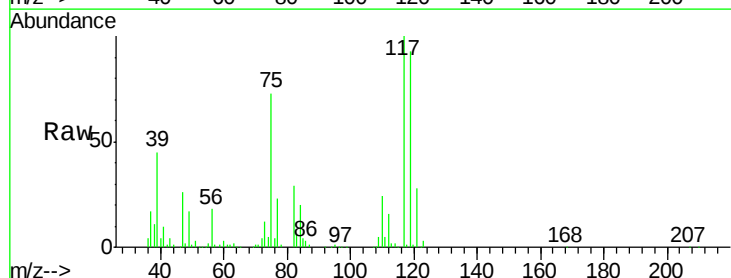
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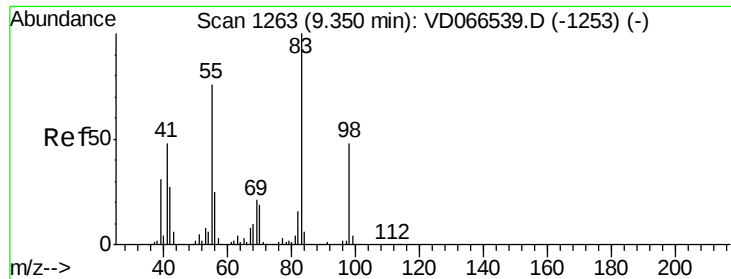
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#38
Carbon Tetrachloride
Concen: 55.583 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.5	73.9	110.9
121	27.9	24.1	36.1





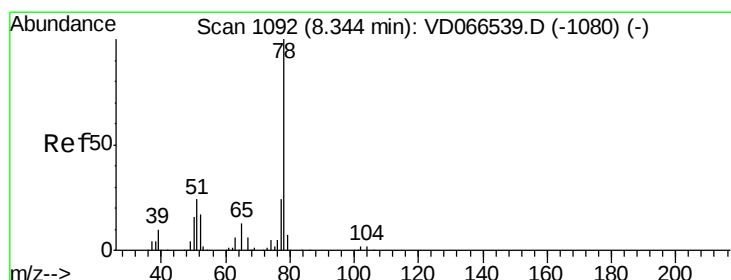
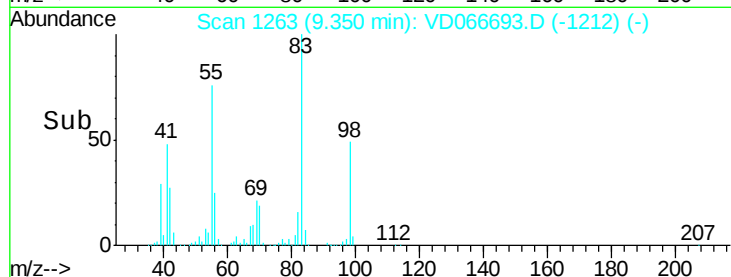
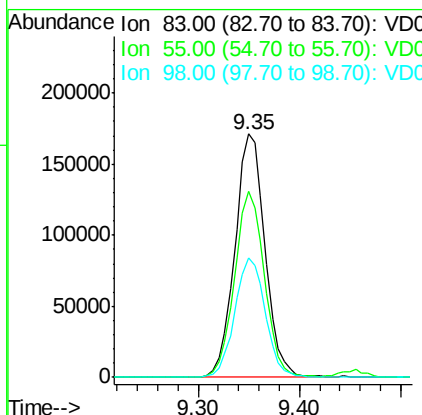
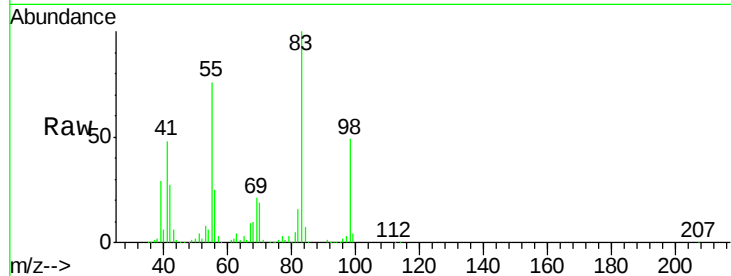
#39
Methvlcvclohexane
Concen: 53.968 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.4	60.8	91.2
98	48.9	38.6	58.0

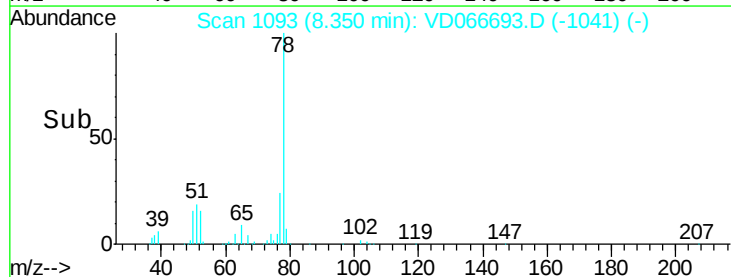
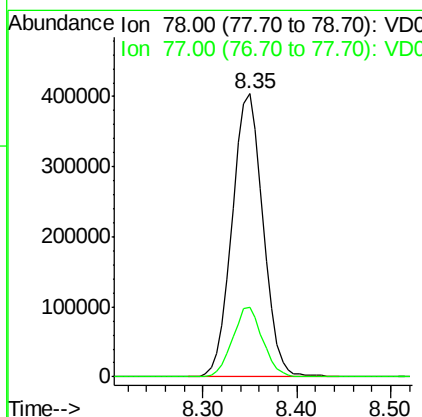
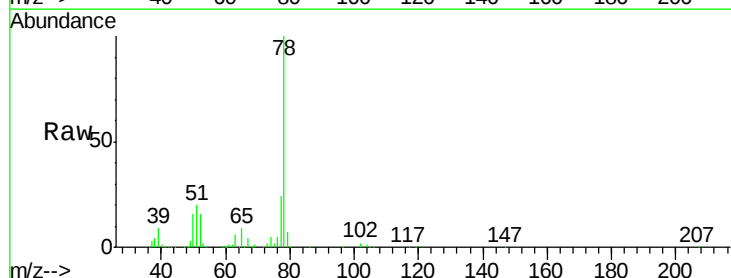
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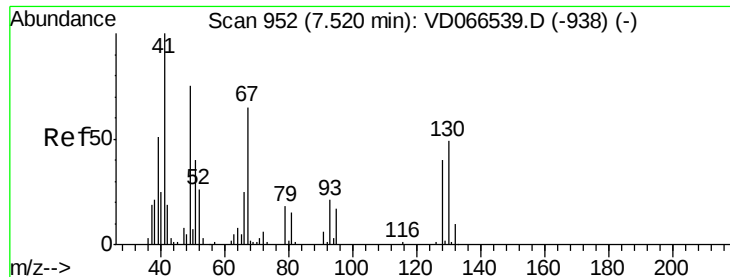
MMDadoda
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#40
Benzene
Concen: 57.581 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.1	28.7





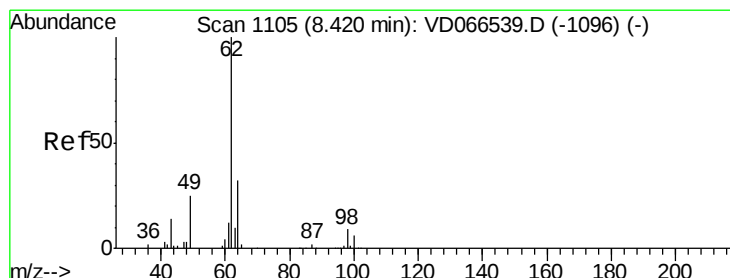
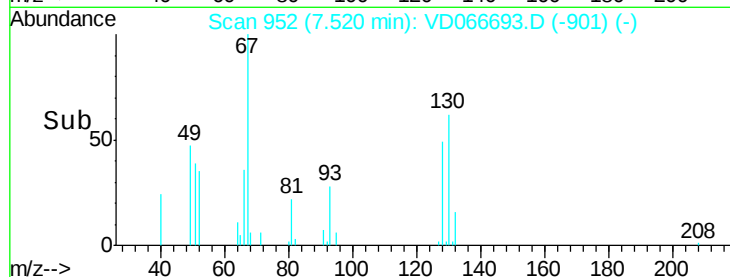
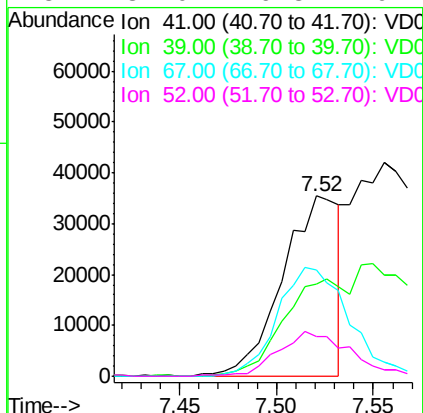
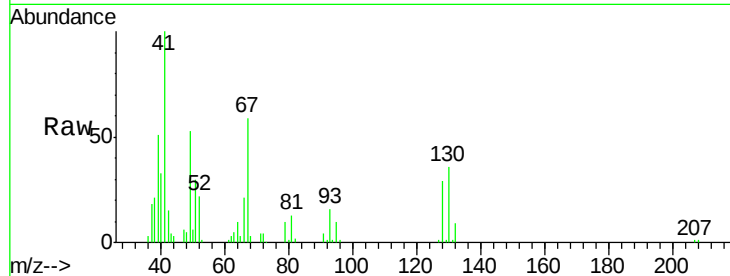
#41
Methacrylonitrile
Concen: 64.832 ug/l m
RT: 7.52 min Scan# 952
Delta R.T. 0.00 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	61.4	53.6	80.4
67	76.0	59.2	88.8
52	31.0	26.8	40.2

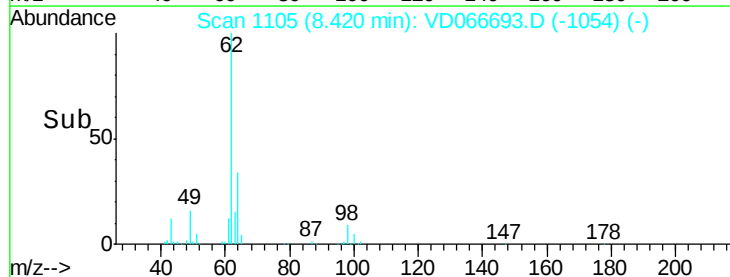
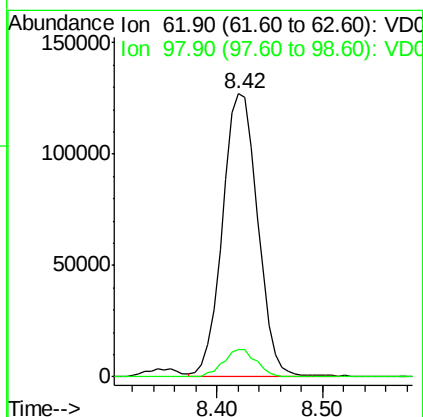
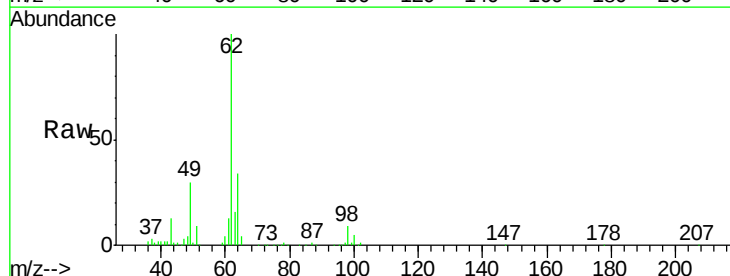
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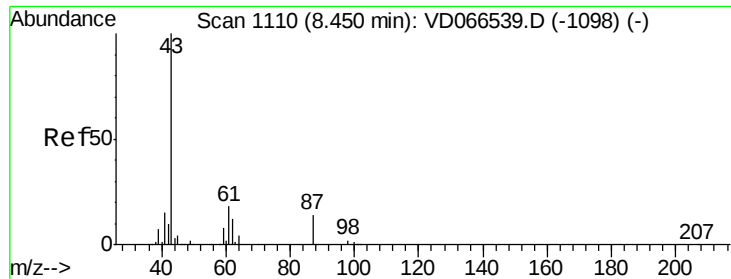
MMDadoda
9/15/2020 2:28:03 PM



#42
1,2-Dichloroethane
Concen: 56.245 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.6





#43

Isopropyl Acetate

Concen: 56.420 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Instrument :

MSVOA_D

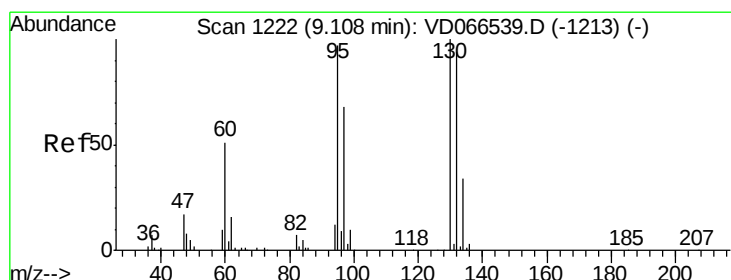
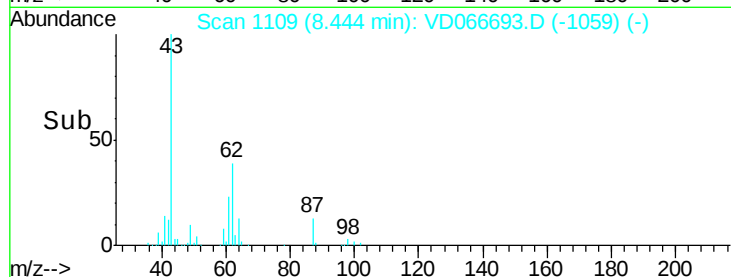
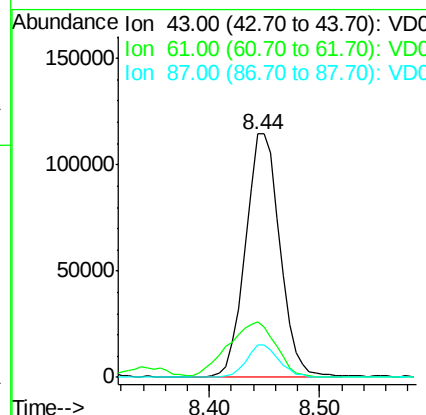
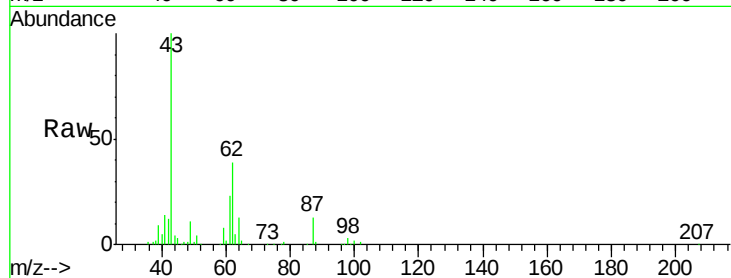
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	252225
Ion	Ratio	Lower	Upper
43	100		
61	31.0	23.8	35.8
87	12.8	10.7	16.1

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#44

Trichloroethene

Concen: 56.976 ug/l

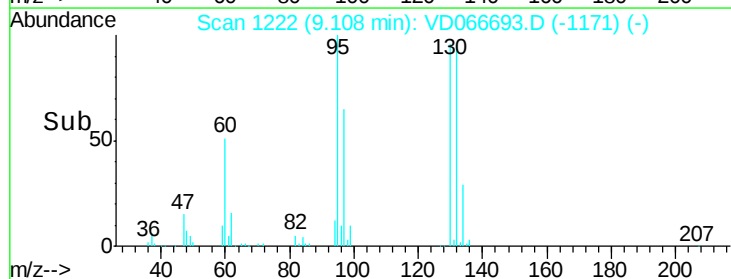
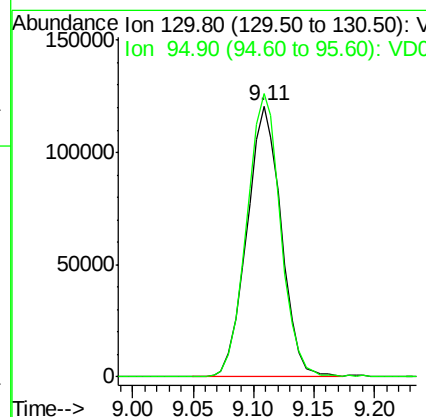
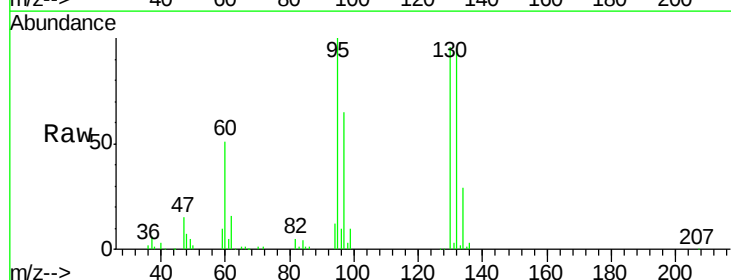
RT: 9.11 min Scan# 1222

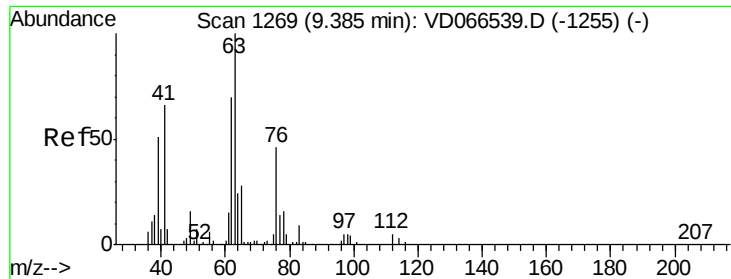
Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Tgt Ion:	130	Resp:	239794
Ion	Ratio	Lower	Upper
130	100		
95	104.4	0.0	194.4





#45

1,2-Dichloropropane

Concen: 58.238 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 234988

Ion Ratio Lower Upper

63 100

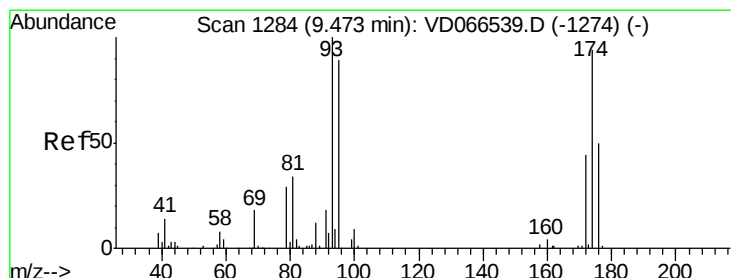
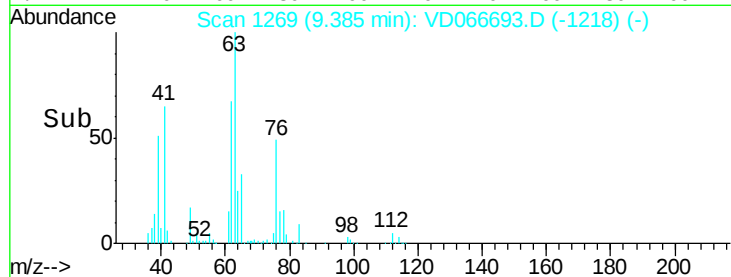
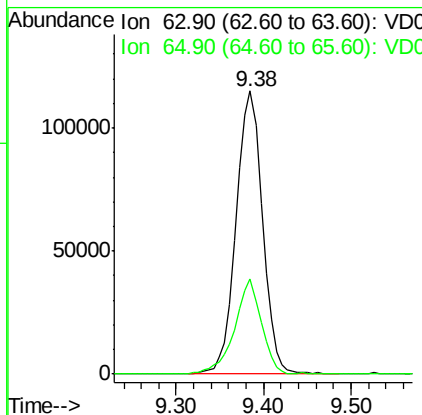
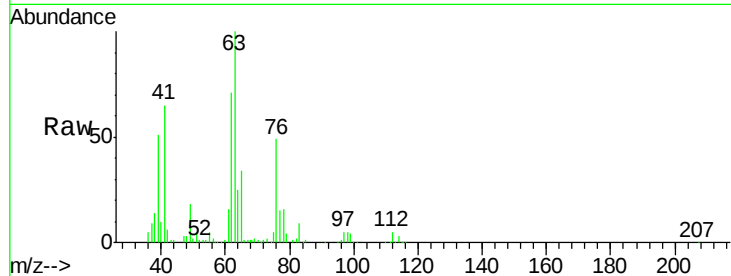
65 33.6 22.6 34.0

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#46

Dibromomethane

Concen: 58.347 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

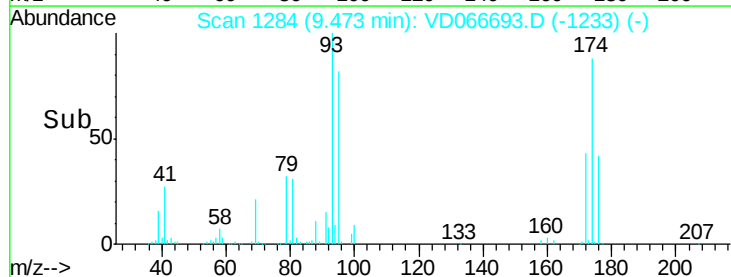
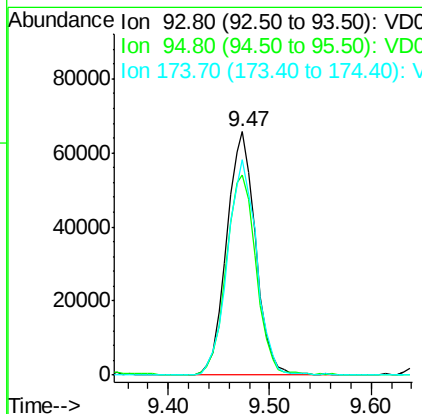
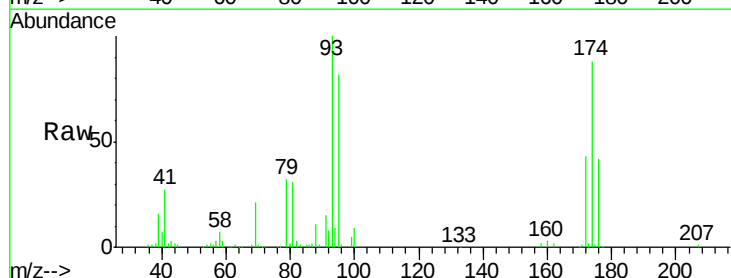
Tgt Ion: 93 Resp: 129888

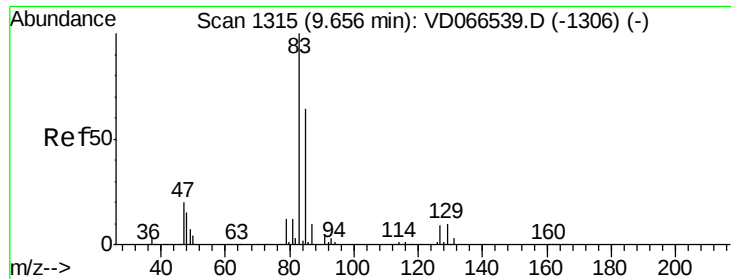
Ion Ratio Lower Upper

93 100

95 84.9 68.7 103.1

174 89.0 70.0 105.0





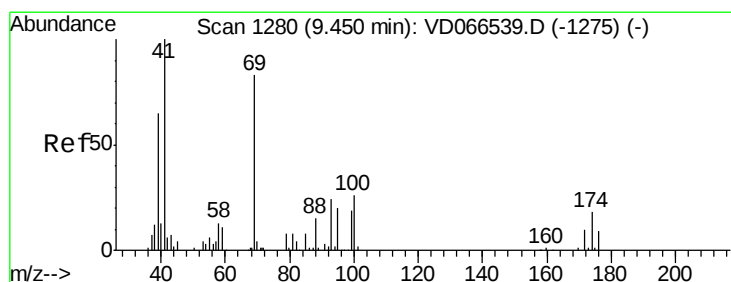
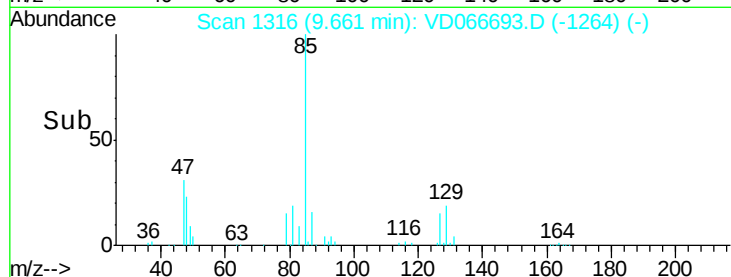
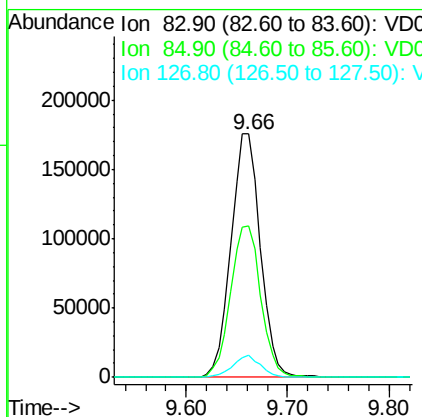
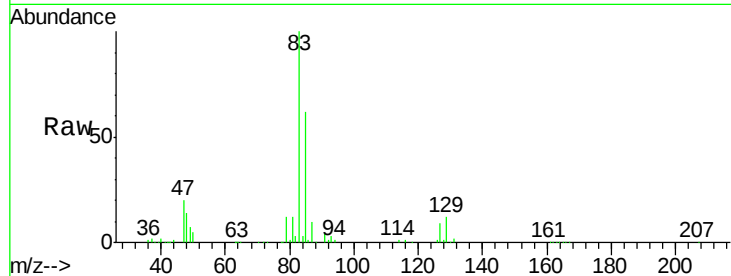
#47
 Bromodichloromethane
 Concen: 58.792 ug/l
 RT: 9.66 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VD066693.D
 Acq: 15 Sep 2020 02:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	62.4	51.1	76.7	
127	9.2	6.9	10.3	

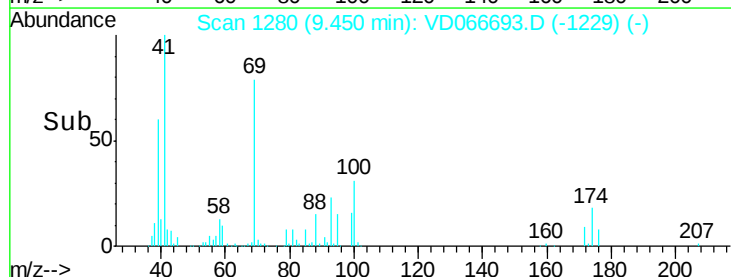
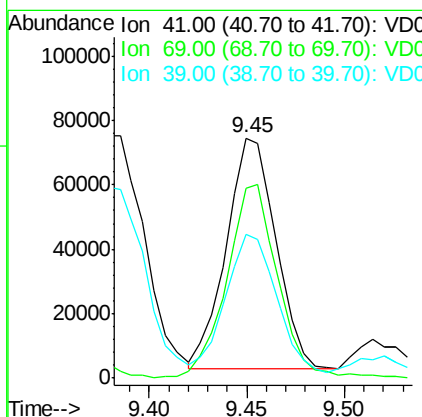
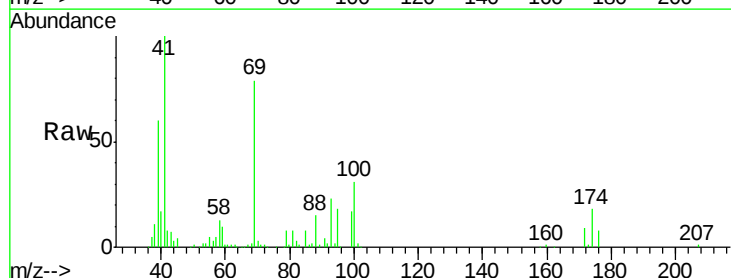
Manual Integrations
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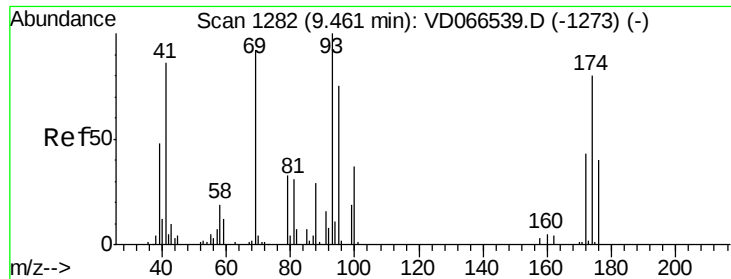
MMDadoda
 9/15/2020 2:28:03 PM



#48
 Methyl methacrylate
 Concen: 56.058 ug/l
 RT: 9.45 min Scan# 1280
 Delta R.T. 0.00 min
 Lab File: VD066693.D
 Acq: 15 Sep 2020 02:32

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	85.4	64.5	96.7	
39	66.4	46.6	69.8	





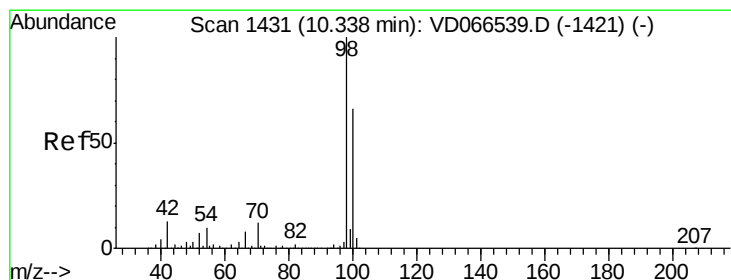
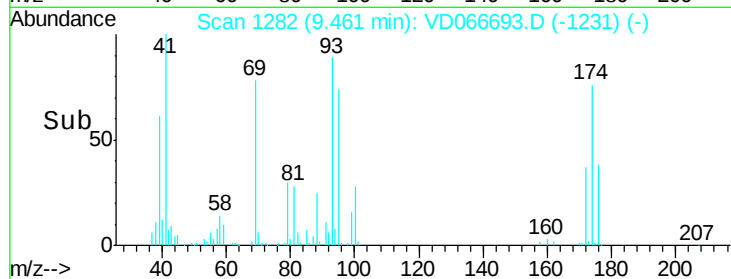
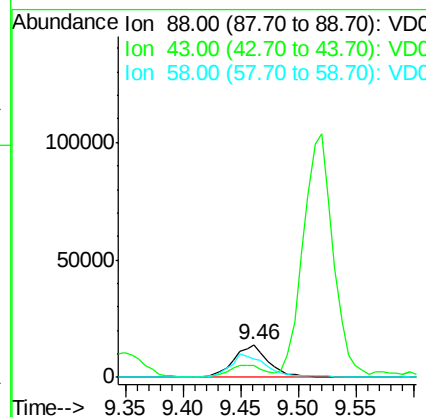
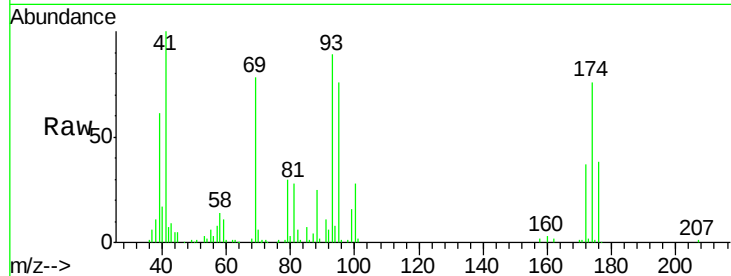
#49
1,4-Dioxane
Concen: 1168.929 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
88	100	28548		
43	36.0	28.3	42.5	
58	70.0	56.1	84.1	

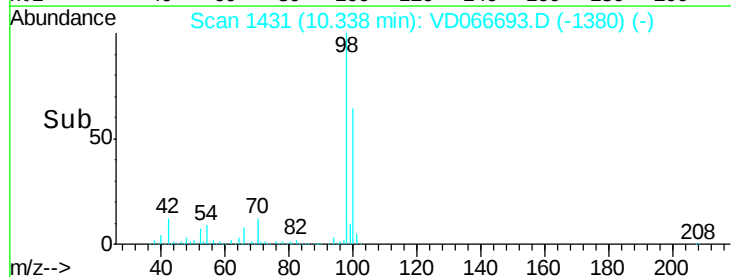
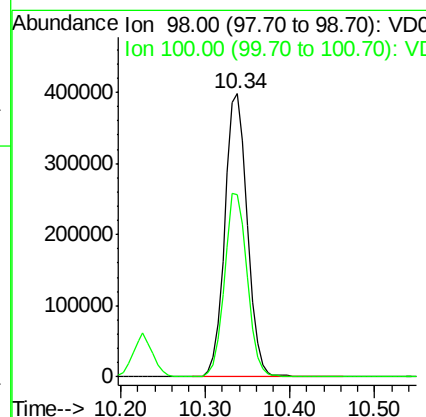
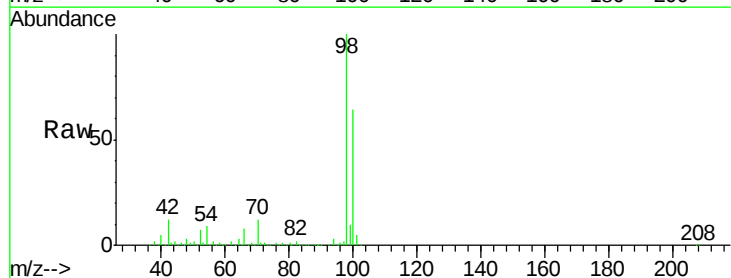
Manual Integrations
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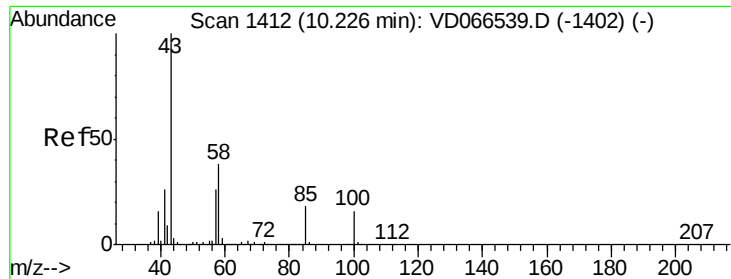
MMDadoda
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#50
Toluene-d8
Concen: 54.173 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	735290		
100	65.8	52.9	79.3	





#51

4-Methyl-2-Pentanone

Concen: 297.216 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 670104

Ion Ratio Lower Upper

43 100

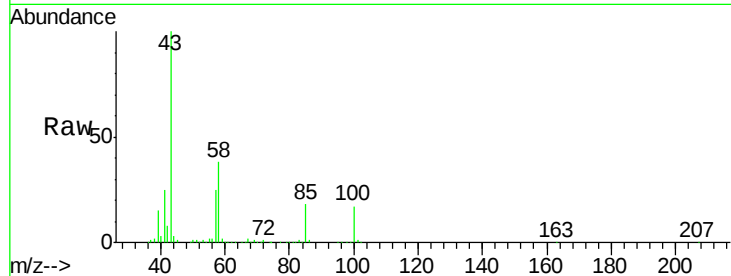
58 37.9 30.5 45.7

Manual Integrations

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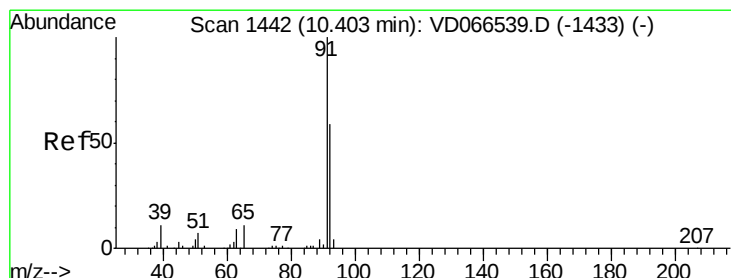
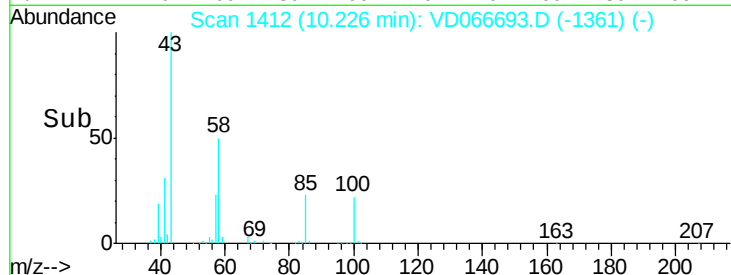
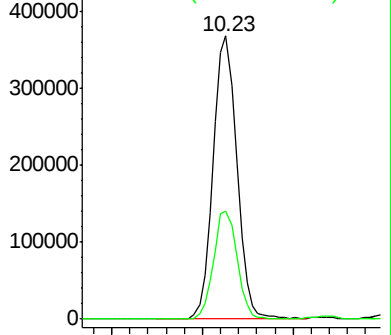
MMDadoda

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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: 59.621 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD066693.D

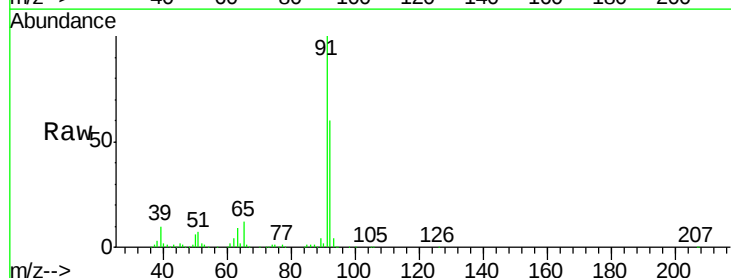
Acq: 15 Sep 2020 02:32

Tgt Ion: 92 Resp: 605533

Ion Ratio Lower Upper

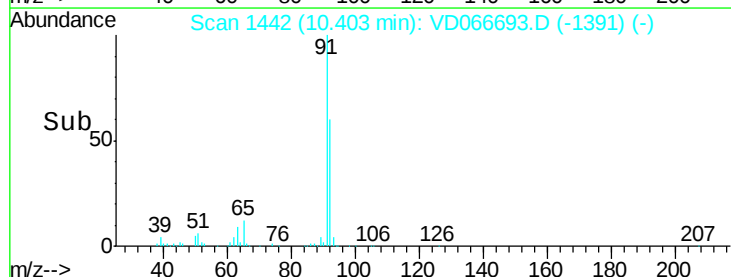
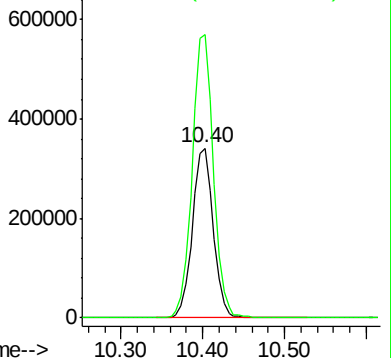
92 100

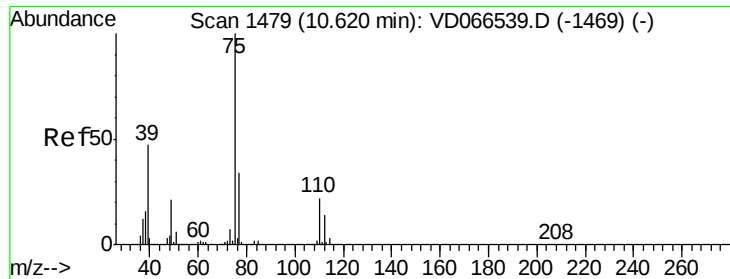
91 169.4 137.4 206.2



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





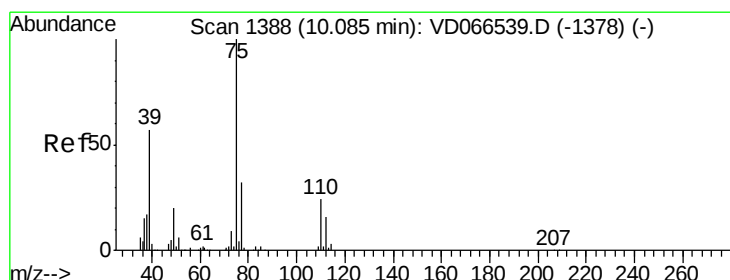
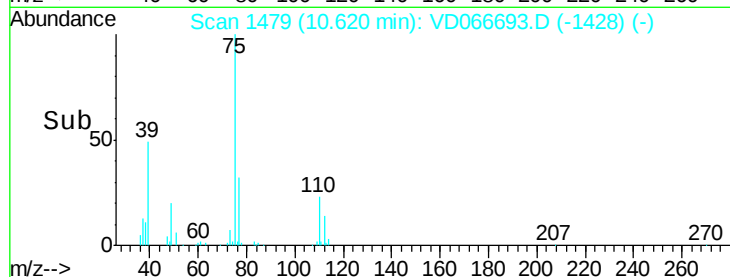
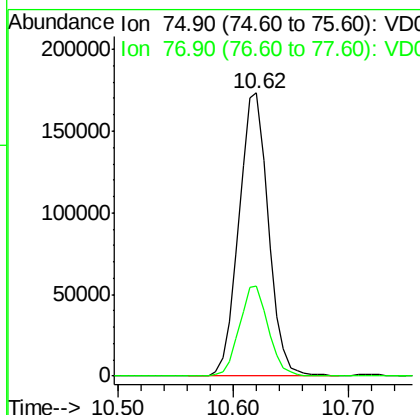
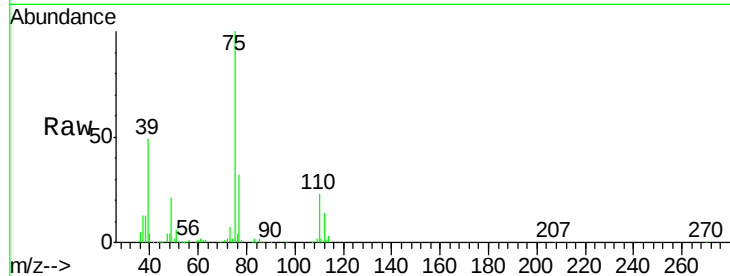
#53
t-1,3-Dichloropropene
Concen: 57.953 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. 0.00 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 308126
Ion Ratio Lower Upper
75 100
77 32.0 27.4 41.2

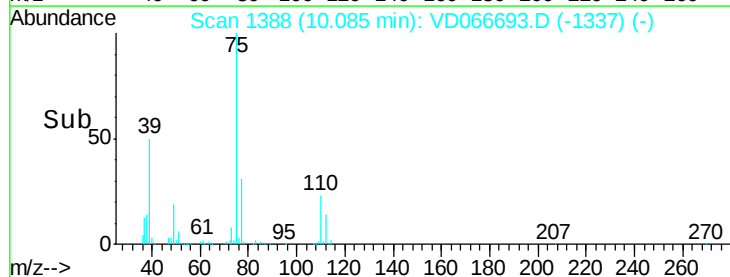
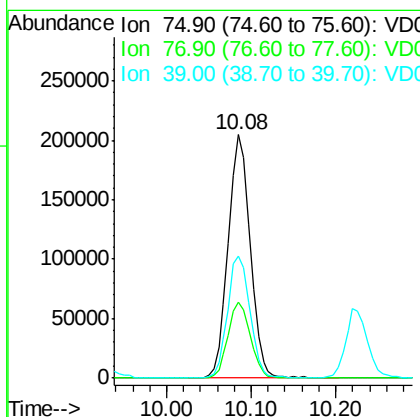
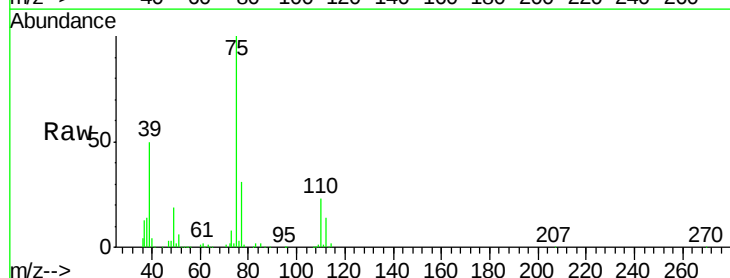
Manual Integrations
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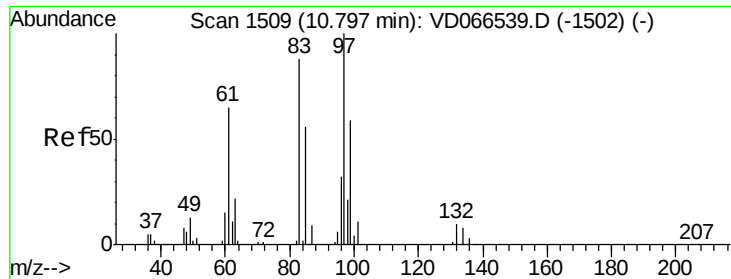
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#54
cis-1,3-Dichloropropene
Concen: 57.620 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Tgt Ion: 75 Resp: 367897
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.0
39 49.9 45.4 68.0





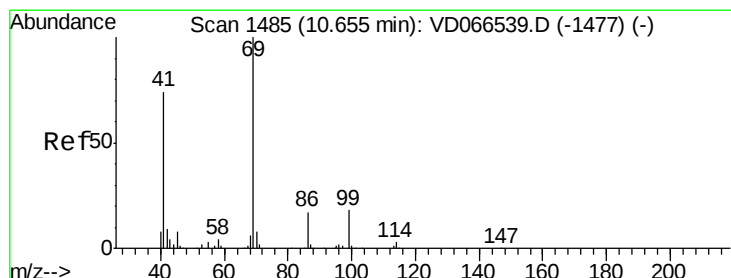
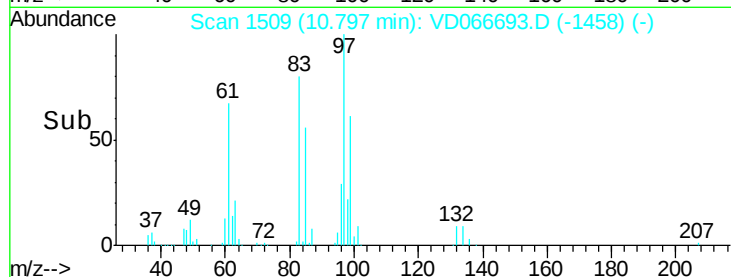
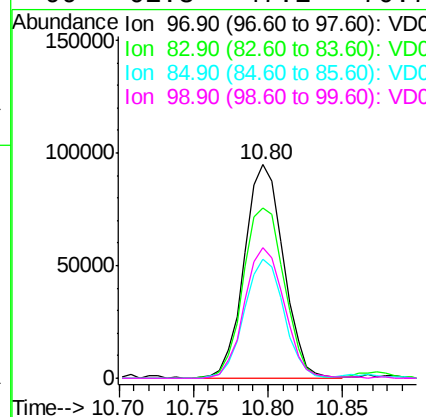
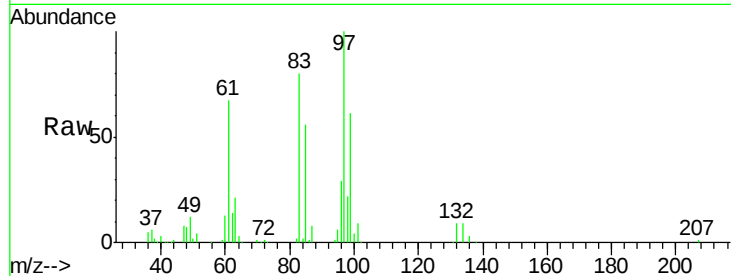
#55
 1,1,2-Trichloroethane
 Concen: 60.278 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: VD066693.D
 Acq: 15 Sep 2020 02:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	97	Resp	172530
Ion	Ratio	Lower	Upper
97	100		
83	79.9	70.1	105.1
85	56.0	44.5	66.7
99	61.3	47.1	70.7

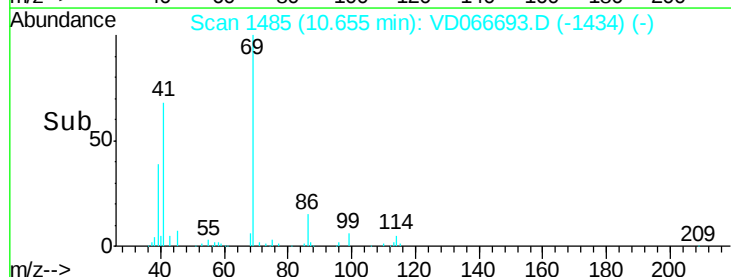
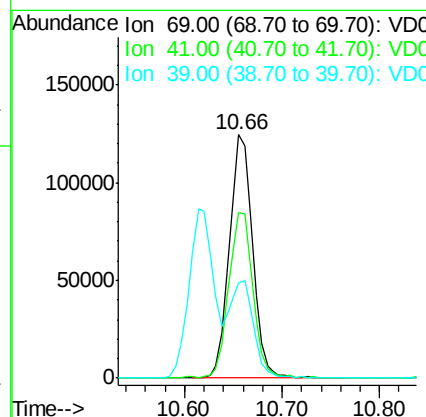
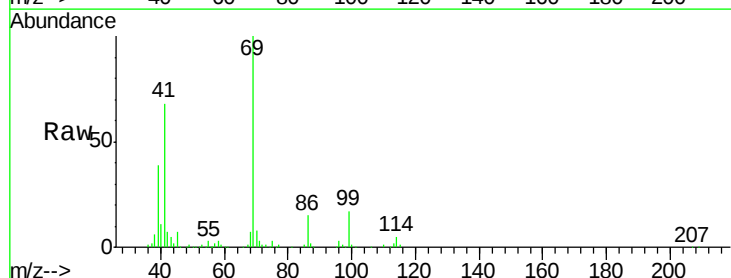
Manual Integrations
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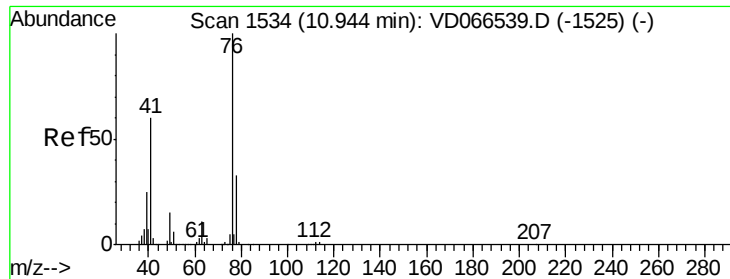
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 9/15/2020 2:28:03 PM



#56
 Ethyl methacrylate
 Concen: 61.851 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VD066693.D
 Acq: 15 Sep 2020 02:32

Tgt Ion	69	Resp	206125
Ion	Ratio	Lower	Upper
69	100		
41	72.2	56.8	85.2
39	41.2	30.6	46.0





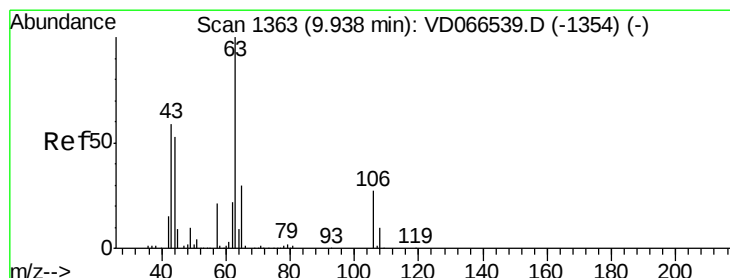
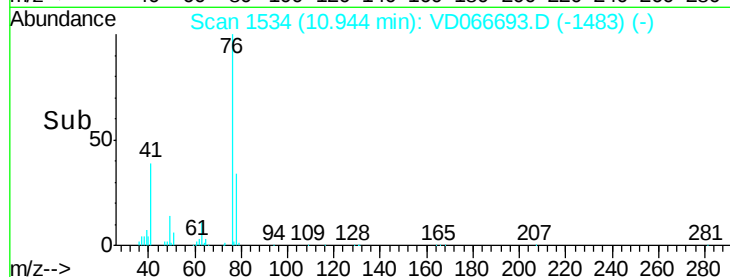
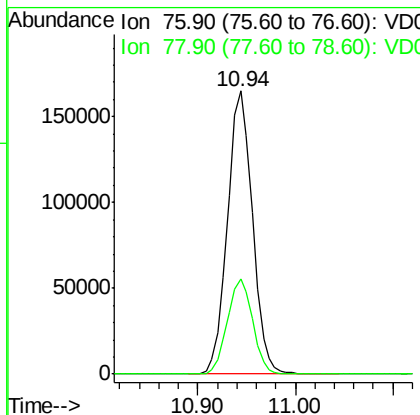
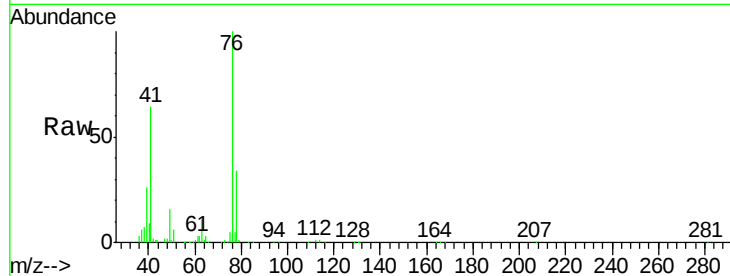
#57
 1,3-Dichloropropane
 Concen: 58.601 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VD066693.D
 Acq: 15 Sep 2020 02:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 293794
 Ion Ratio Lower Upper
 76 100
 78 34.1 25.8 38.8

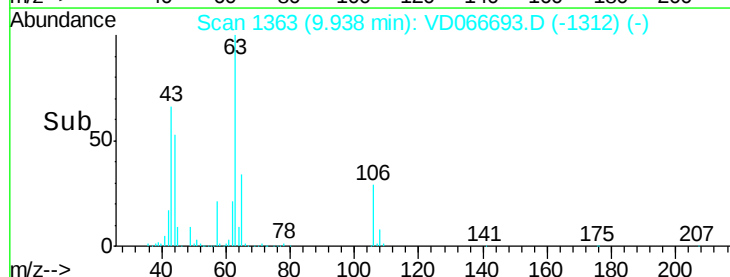
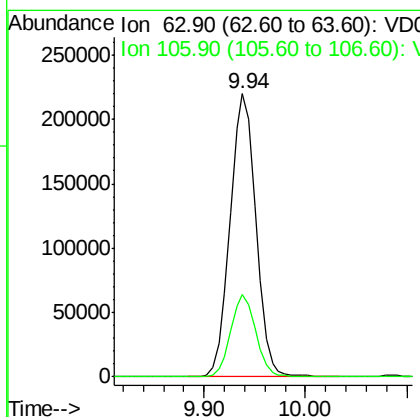
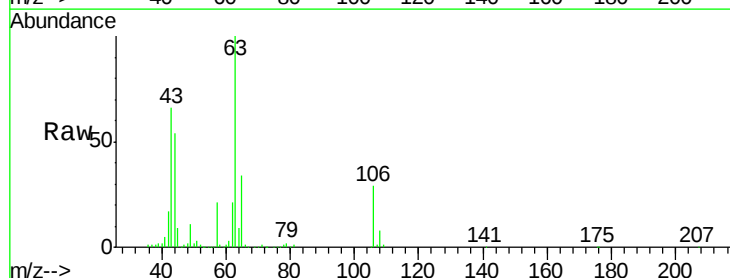
Manual Integrations
 APPROVED

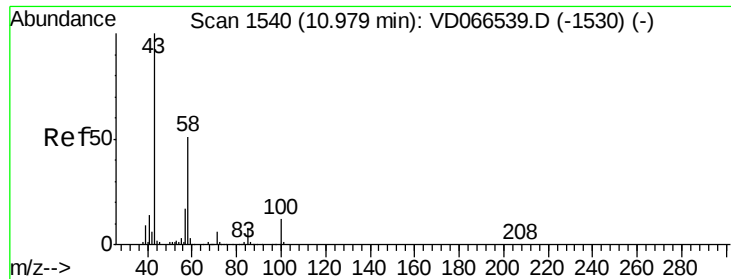
MMDadoda
 9/15/2020 2:28:03 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 255.487 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066693.D
 Acq: 15 Sep 2020 02:32

Tgt Ion: 63 Resp: 389445
 Ion Ratio Lower Upper
 63 100
 106 28.2 22.0 33.0





#59

2-Hexanone

Concen: 292.823 ug/l

RT: 10.98 min Scan# 1540

Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 443971

Ion Ratio Lower Upper

43 100

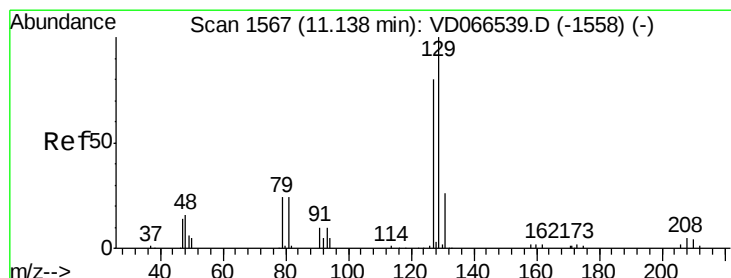
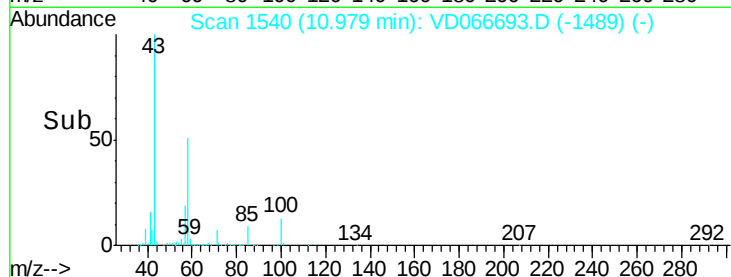
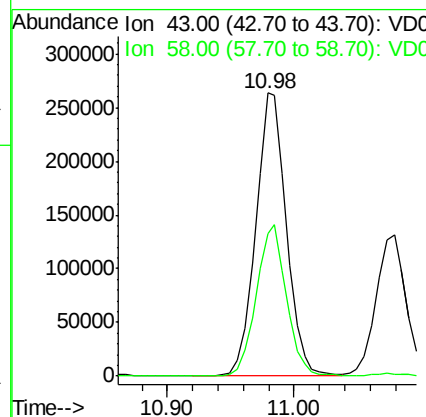
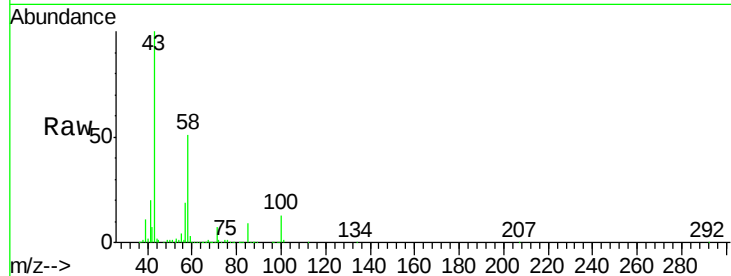
58 52.5 25.6 76.8

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#60

Dibromochloromethane

Concen: 60.073 ug/l

RT: 11.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VD066693.D

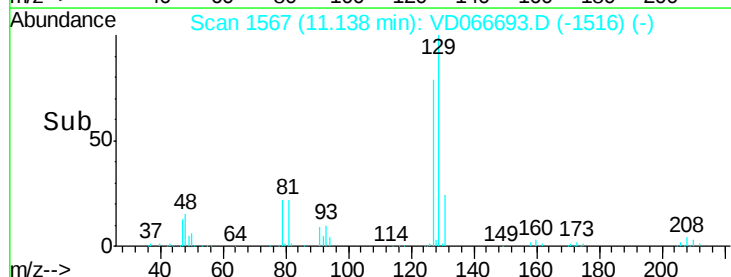
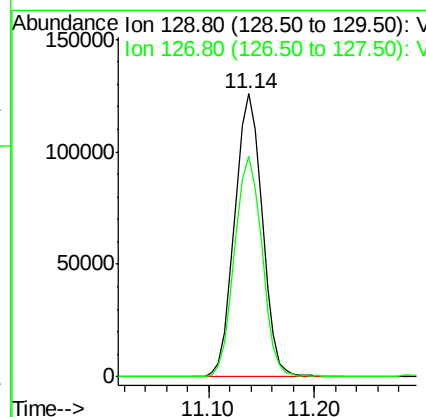
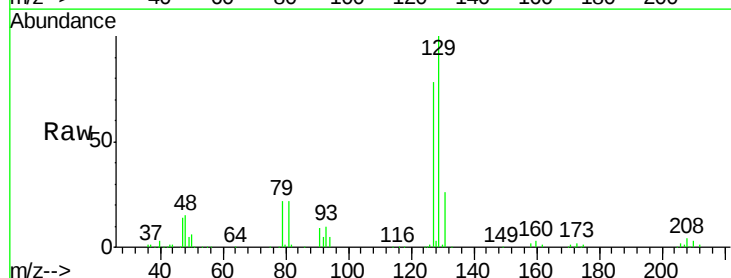
Acq: 15 Sep 2020 02:32

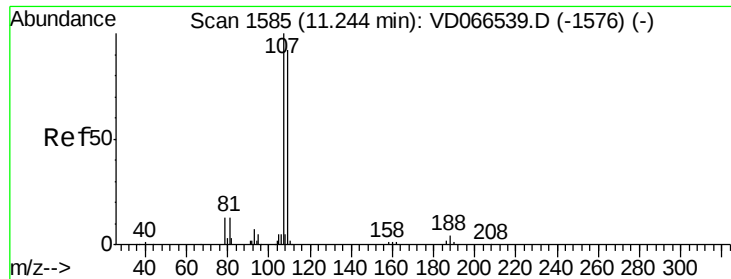
Tgt Ion: 129 Resp: 227370

Ion Ratio Lower Upper

129 100

127 77.6 39.5 118.3





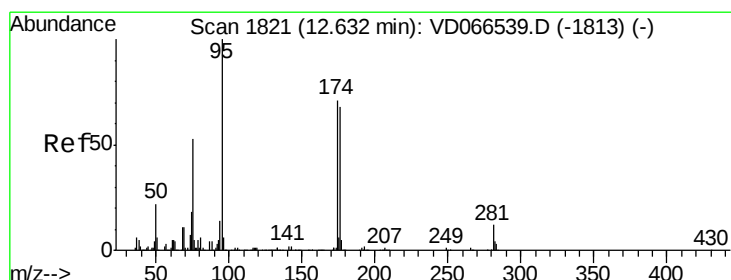
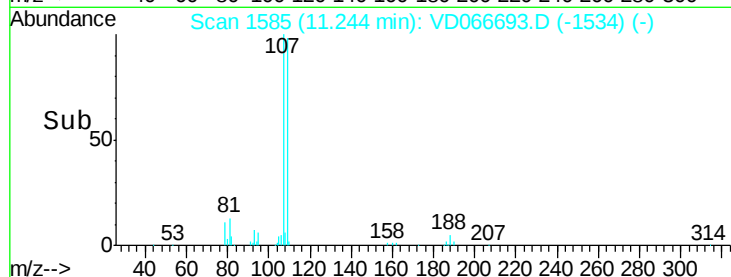
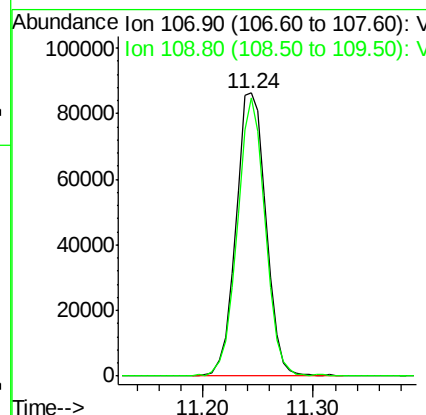
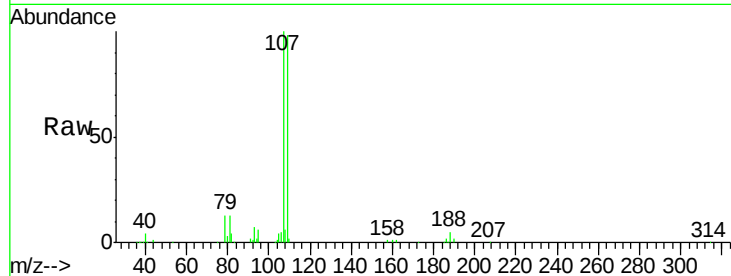
#61
 1,2-Dibromoethane
 Concen: 59.038 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066693.D
 Acq: 15 Sep 2020 02:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	91.5	74.4	111.6

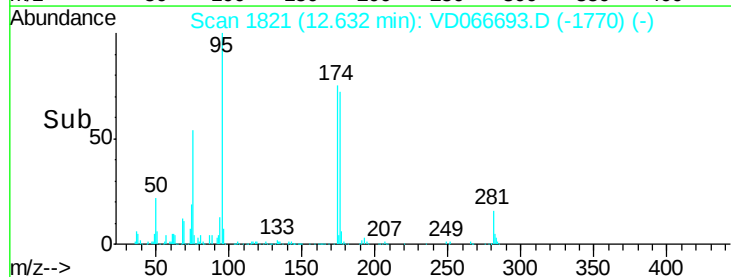
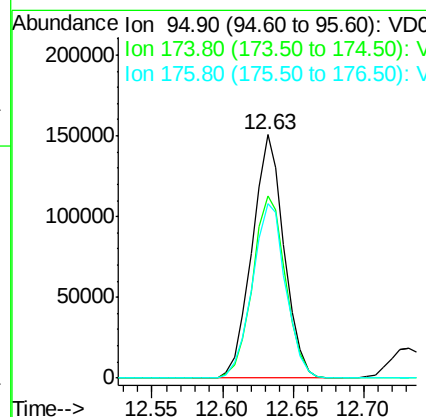
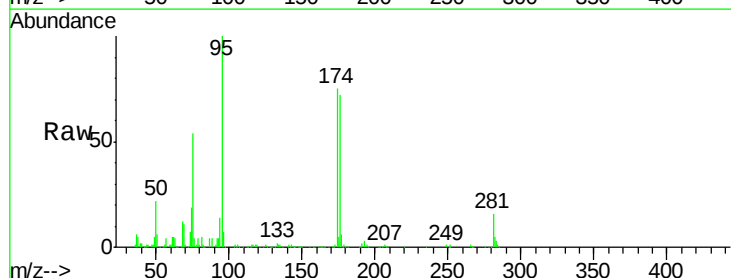
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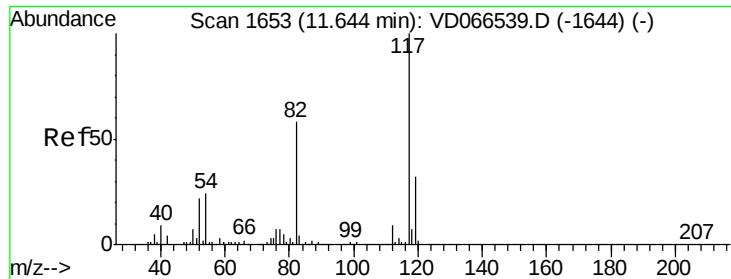
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#62
 4-Bromofluorobenzene
 Concen: 53.347 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066693.D
 Acq: 15 Sep 2020 02:32

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.9	0.0	155.8
176	74.3	0.0	148.6





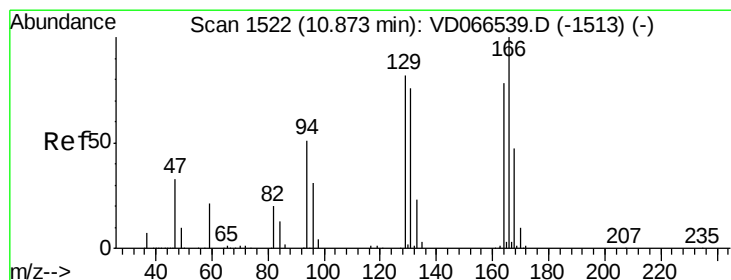
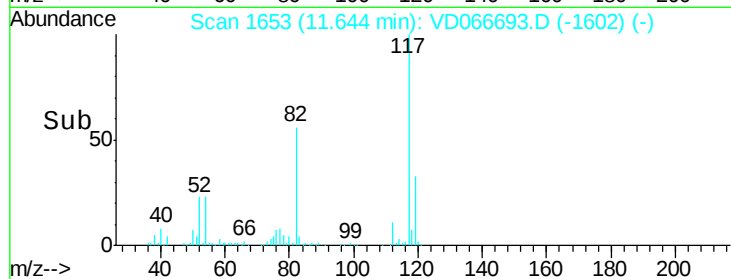
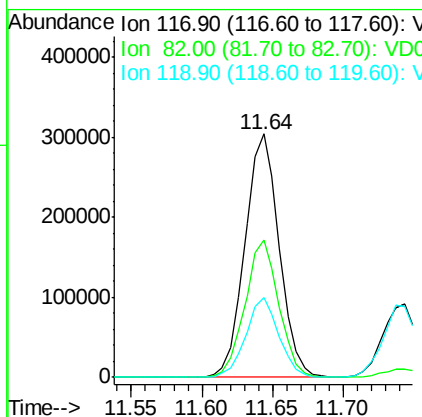
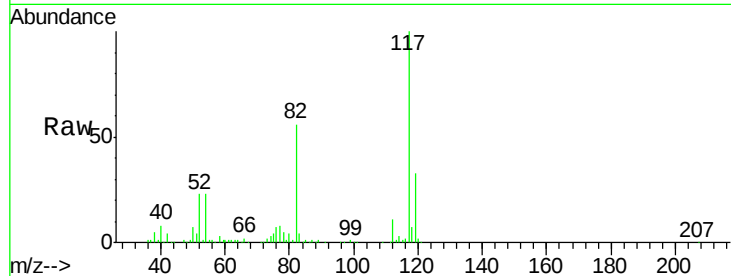
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.2	46.2	69.2
119	33.0	25.8	38.8

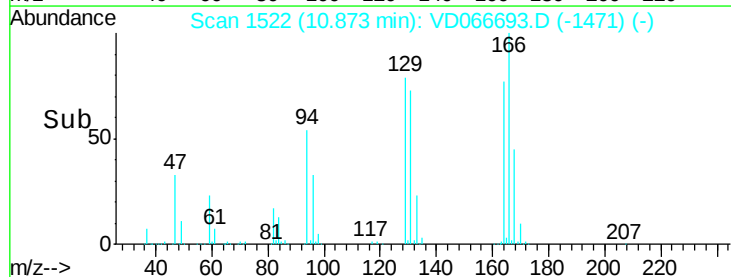
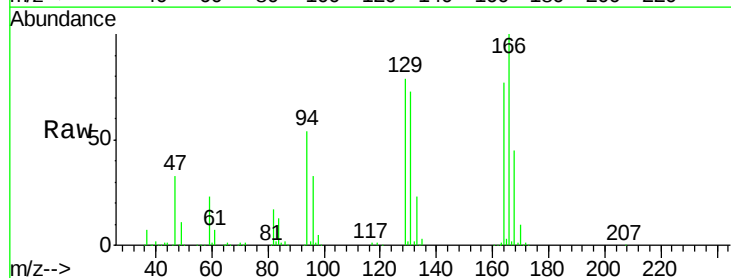
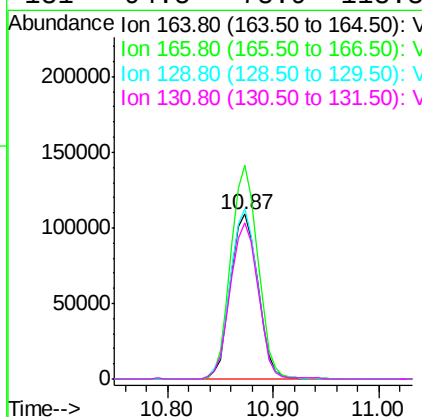
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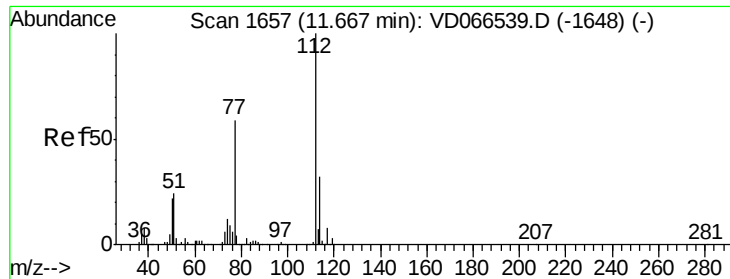
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#64
Tetrachloroethene
Concen: 56.748 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.7	103.2	154.8
129	103.1	84.5	126.7
131	94.5	78.9	118.3





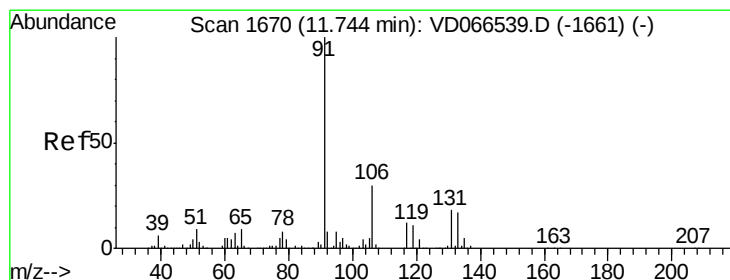
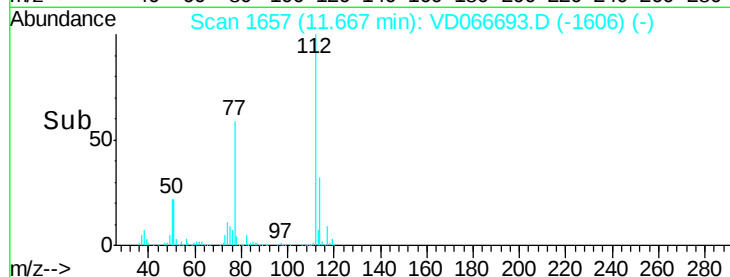
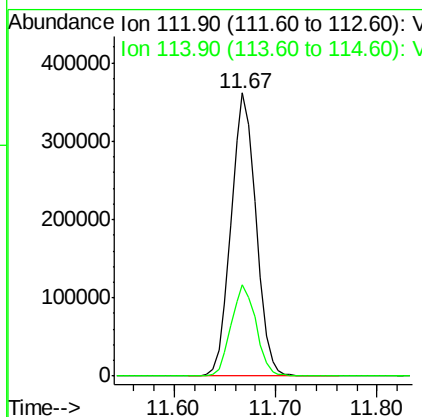
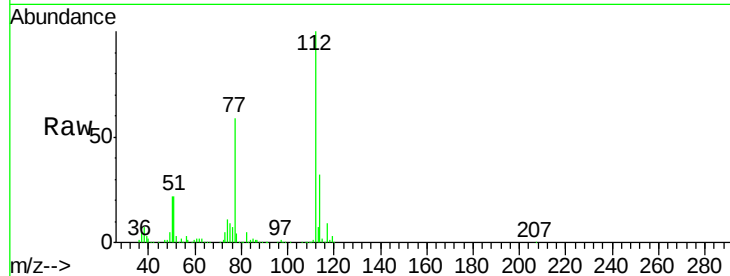
#65
Chlorobenzene
Concen: 57.891 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.7	38.5

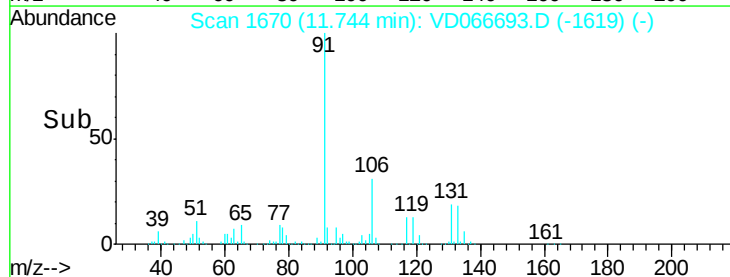
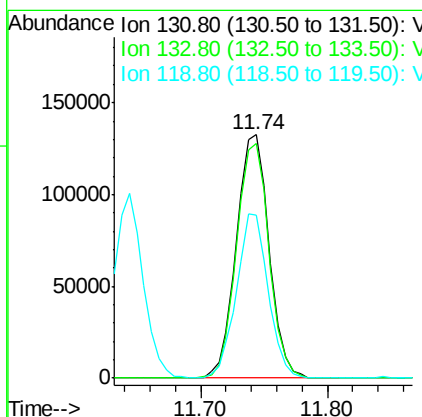
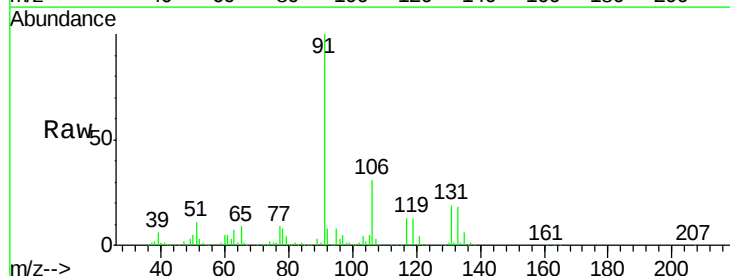
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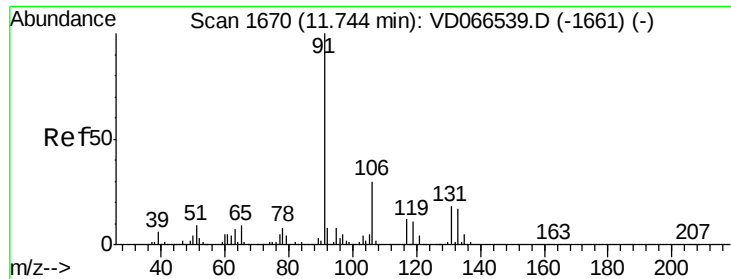
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#66
1,1,1,2-Tetrachloroethane
Concen: 58.280 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.8	46.7	140.0
119	65.4	31.9	95.7





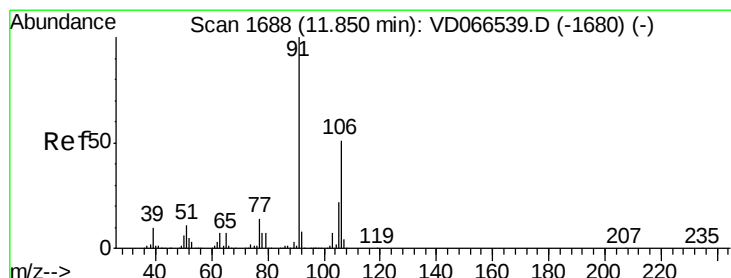
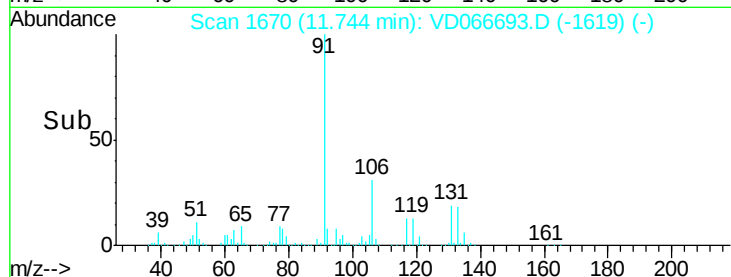
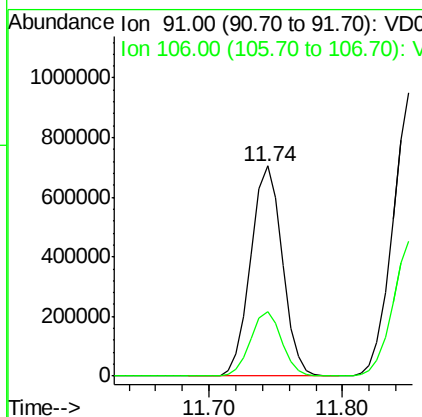
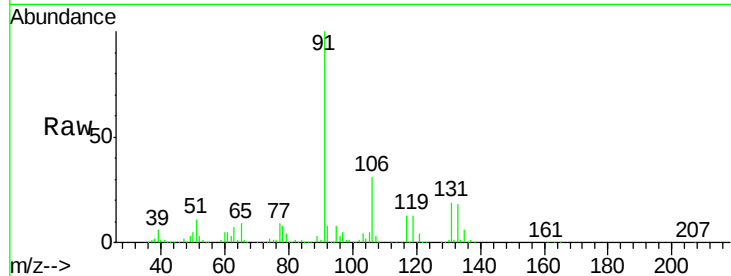
#67
Ethyl Benzene
Concen: 58.814 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1150709
Ion Ratio Lower Upper
91 100
106 30.6 24.3 36.5

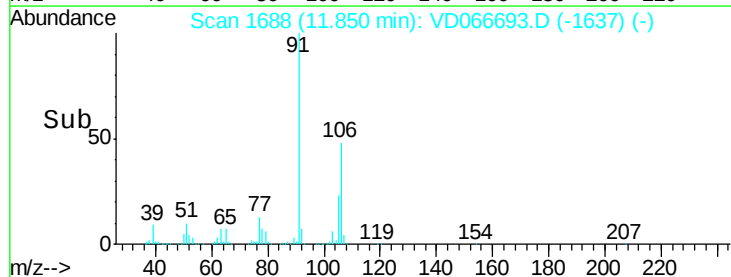
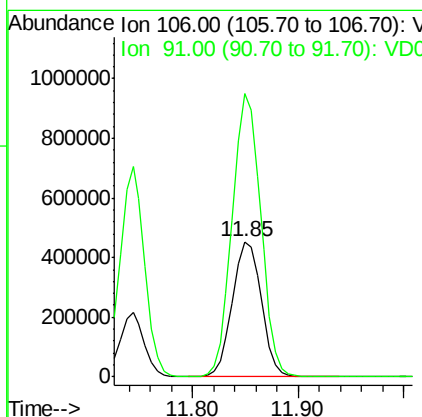
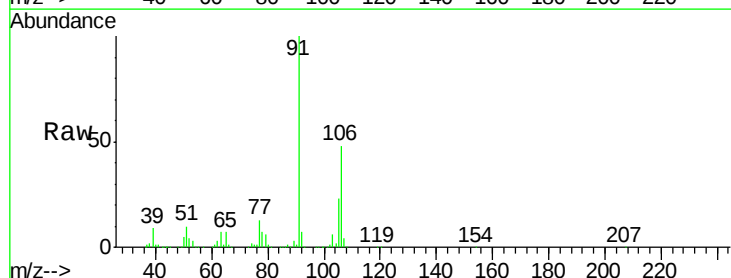
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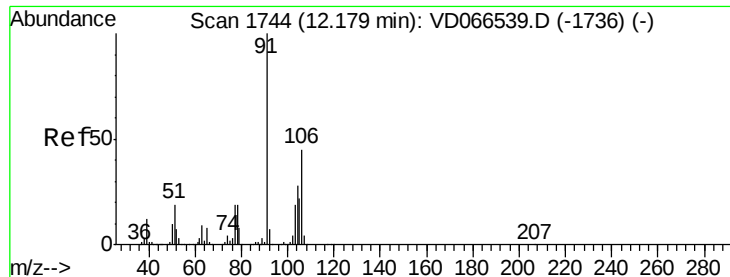
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#68
m/p-Xylenes
Concen: 117.962 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Tgt Ion: 106 Resp: 856957
Ion Ratio Lower Upper
106 100
91 207.4 162.4 243.6





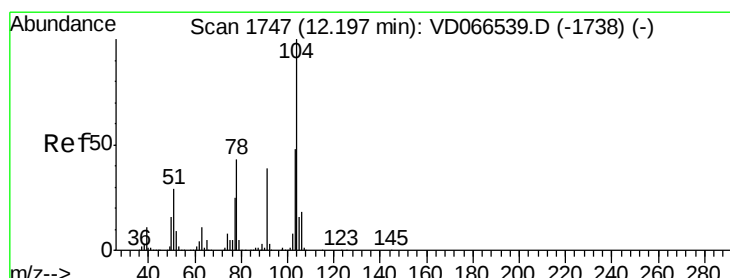
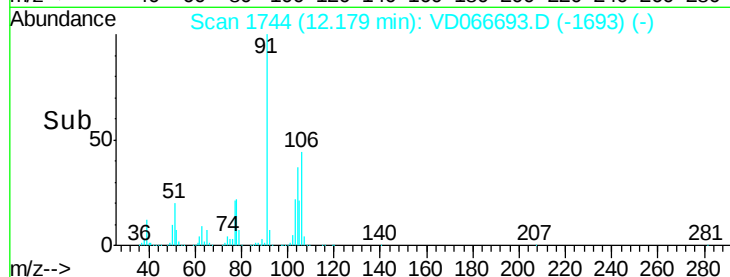
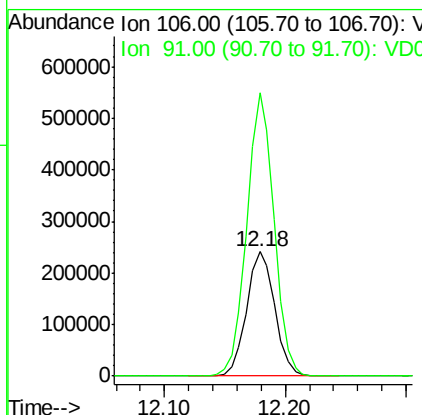
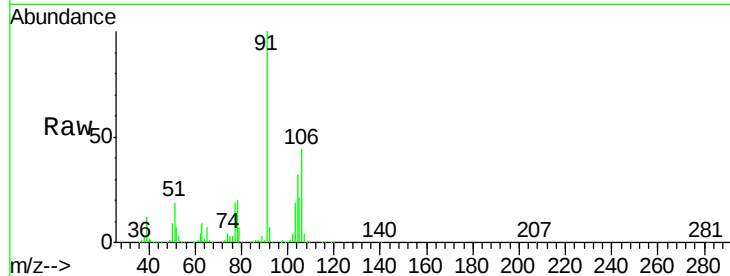
#69
o-Xylene
Concen: 60.271 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	220.0	107.9	323.8

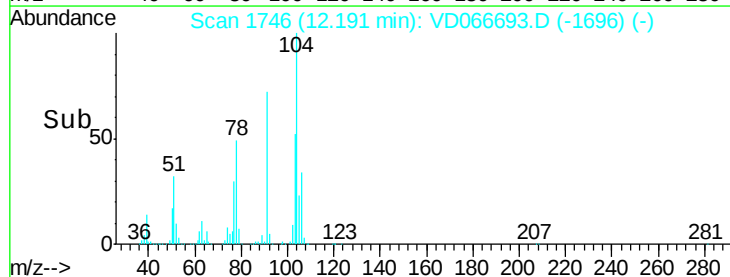
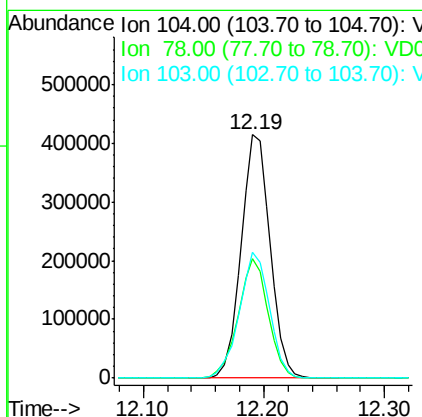
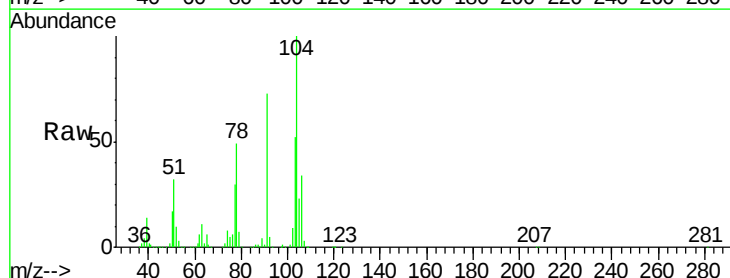
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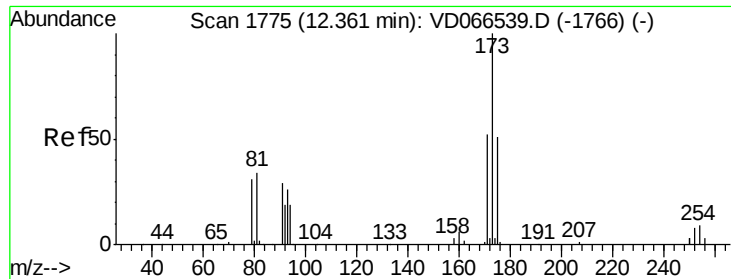
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#70
Styrene
Concen: 61.566 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.4	40.7	61.1
103	53.8	42.9	64.3





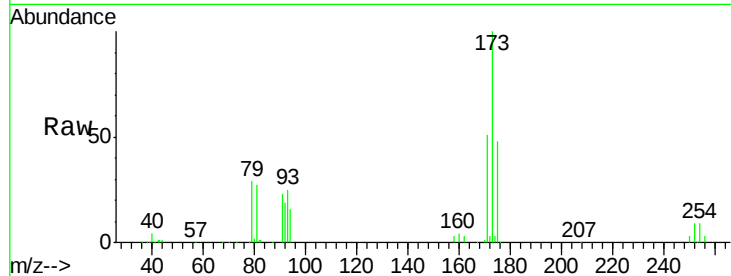
#71
Bromoform
Concen: 58.457 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. 0.00 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

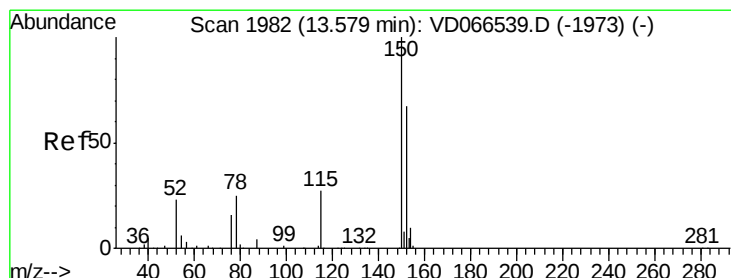
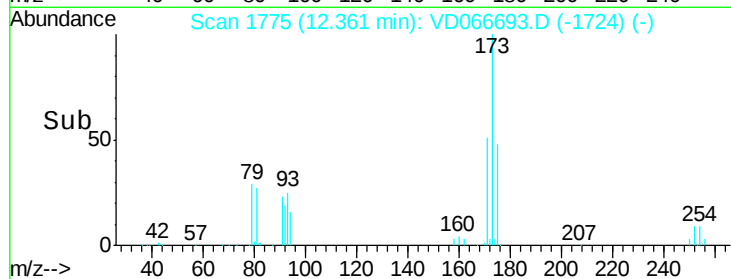
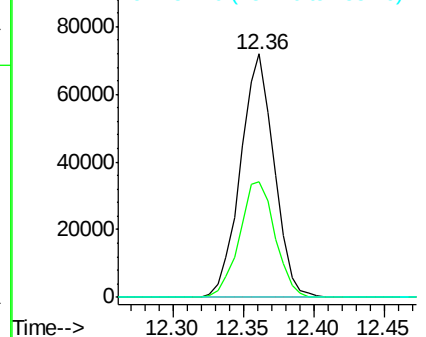
Tot Ion	Ratio	Lower	Upper
173	100		
175	50.3	24.2	72.6
254	0.0	0.0	0.0

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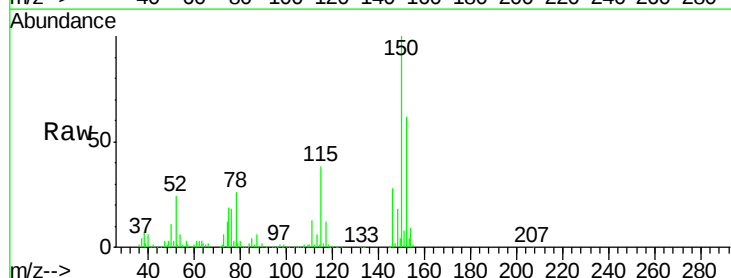


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

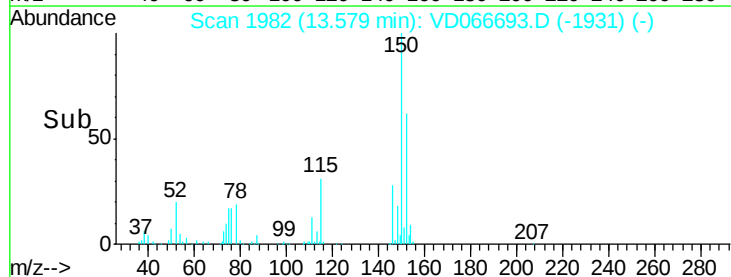
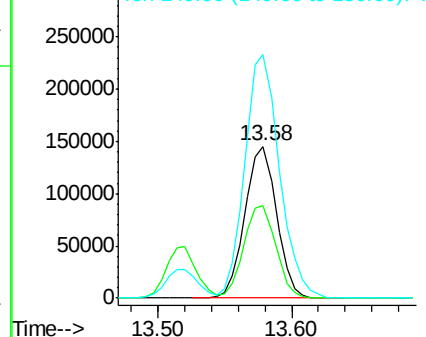


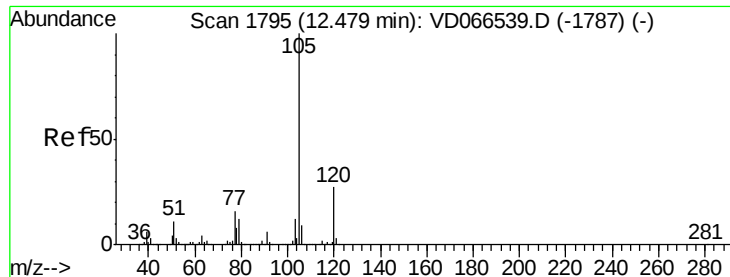
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.7	30.4	91.2
150	175.3	0.0	345.8



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





#73

Isopropylbenzene

Concen: 61.179 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1079165

Ion Ratio Lower Upper

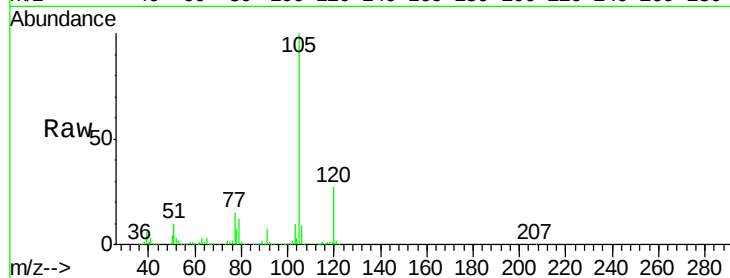
105 100

120 26.4 13.0 39.0

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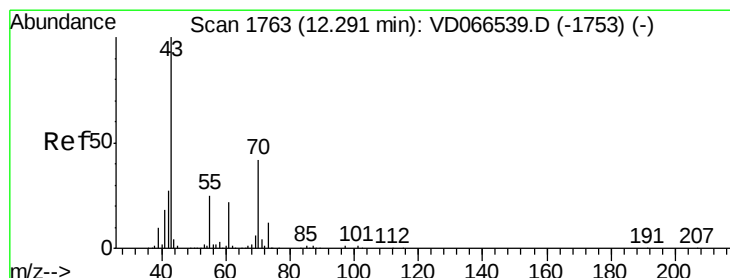
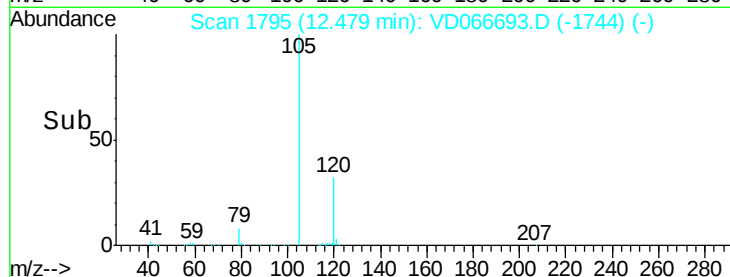
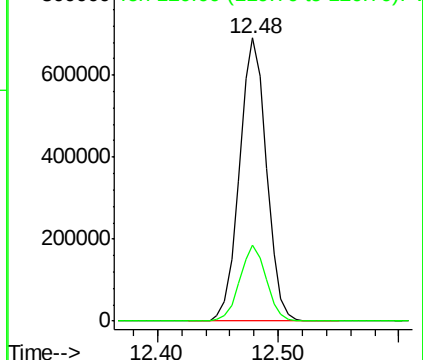
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 59.095 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Tgt Ion: 43 Resp: 236094

Ion Ratio Lower Upper

43 100

70 40.9 33.4 50.2

55 25.1 20.1 30.1

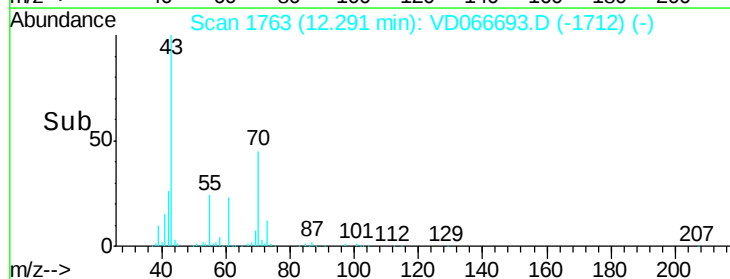
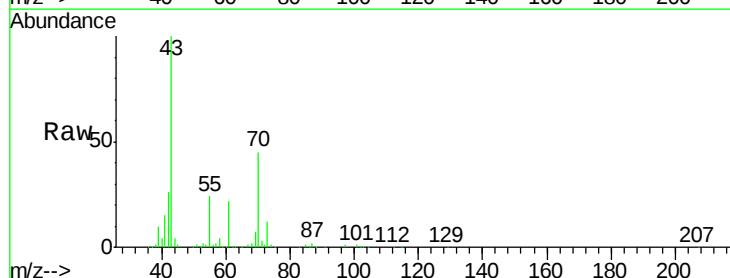
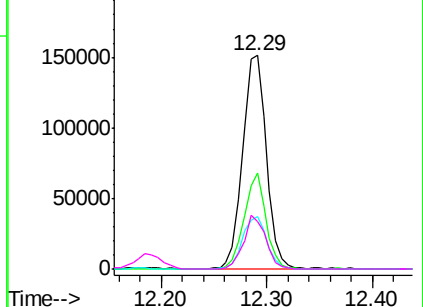
61 23.3 18.2 27.2

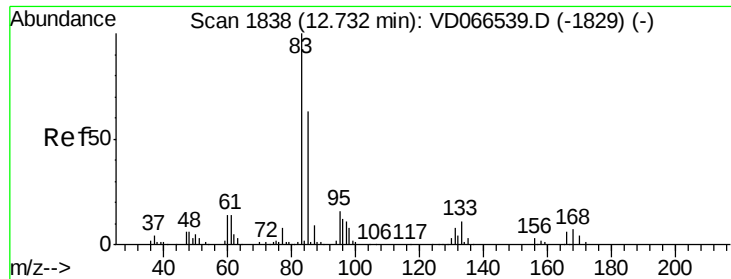
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 59.640 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Instrument :

MSVOA_D

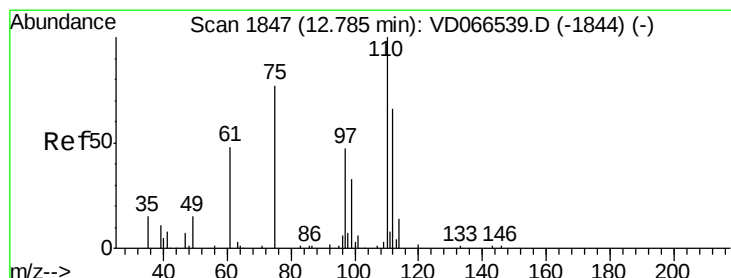
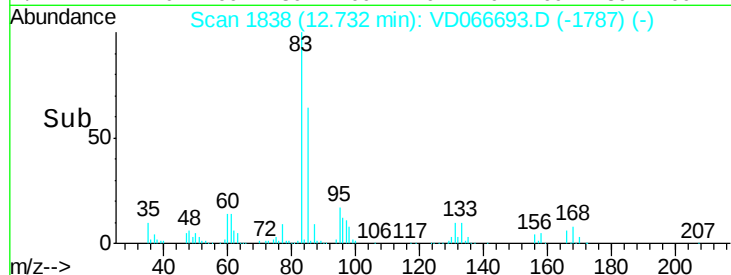
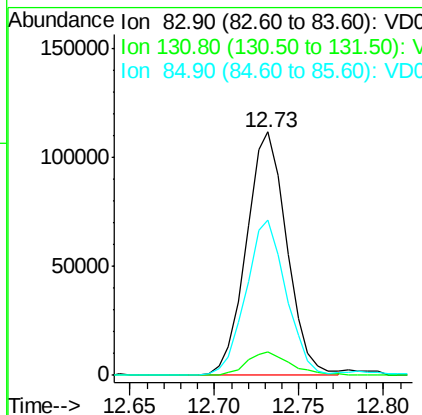
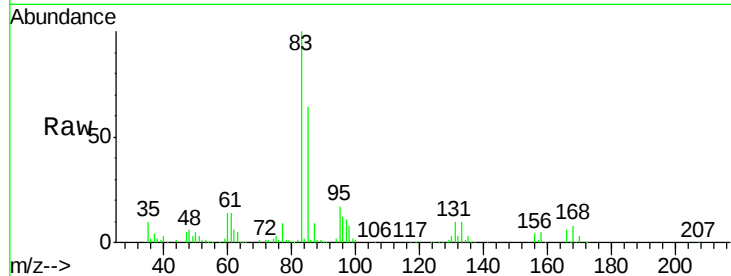
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	185859
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.0	15.0
85	63.3	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 60.876 ug/l m

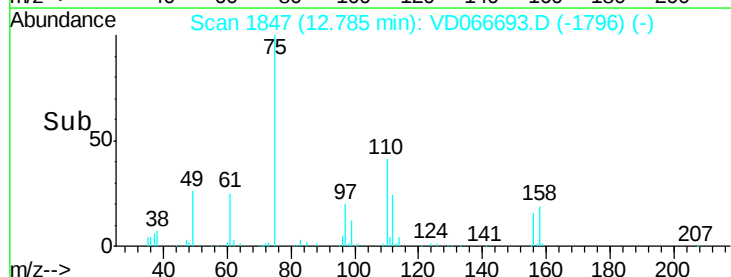
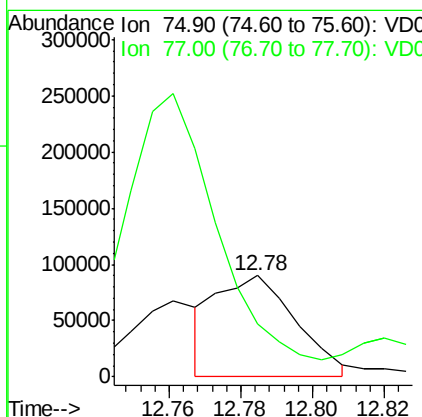
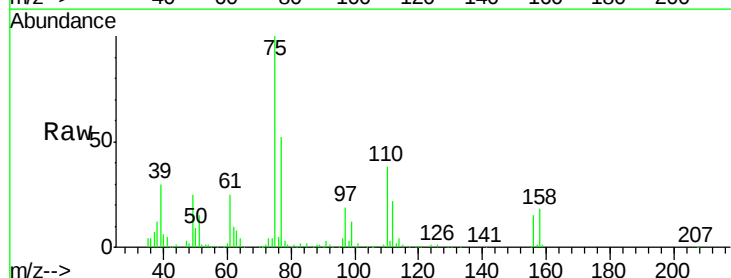
RT: 12.78 min Scan# 1847

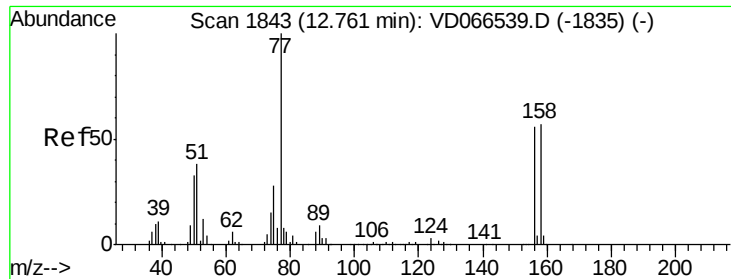
Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Tgt Ion:	75	Resp:	139486
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 60.975 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Instrument :

MSVOA_D

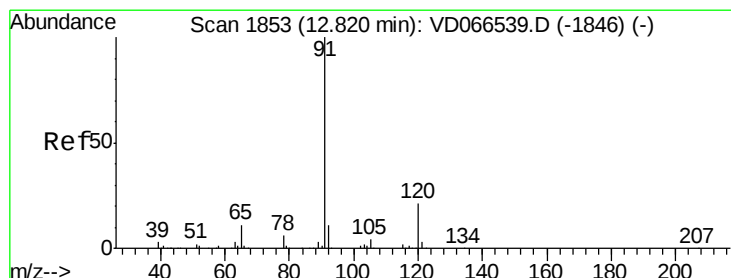
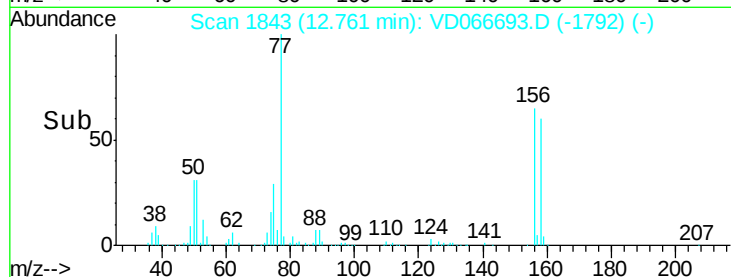
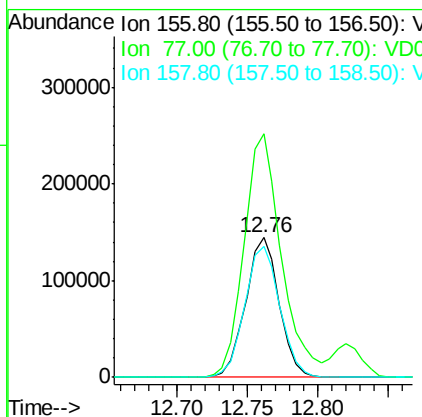
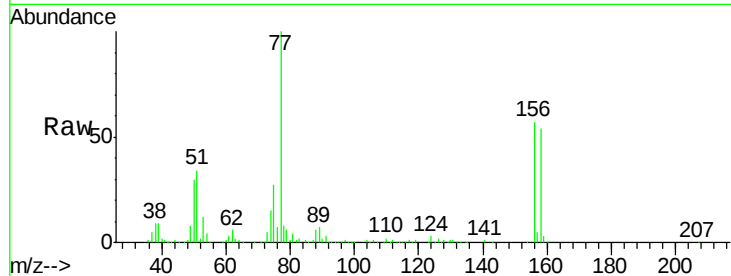
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	239791
Ion	Ratio	Lower	Upper
156	100		
77	195.4	98.0	294.1
158	98.4	48.1	144.3

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#78

n-propylbenzene

Concen: 60.052 ug/l

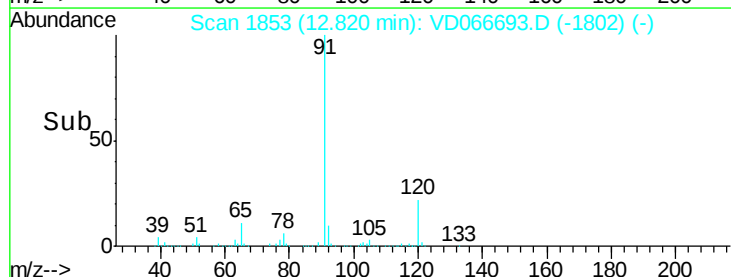
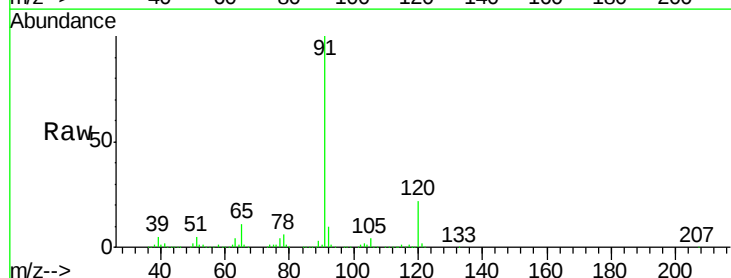
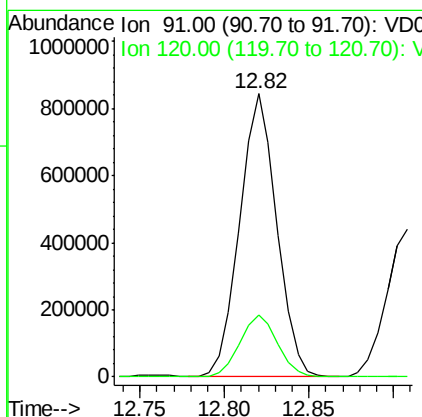
RT: 12.82 min Scan# 1853

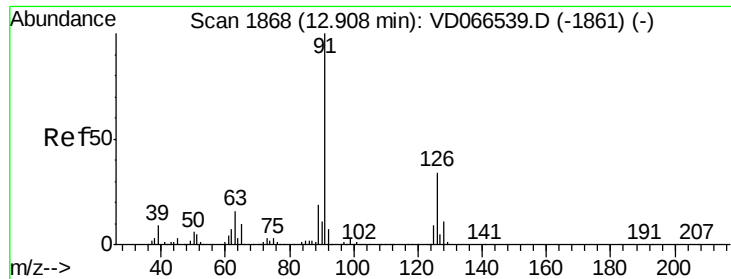
Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Tgt Ion:	91	Resp:	1284141
Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.1	33.1





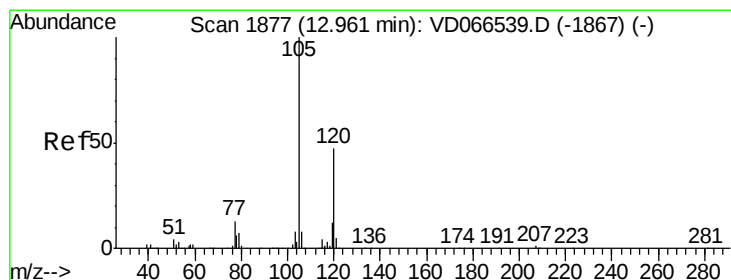
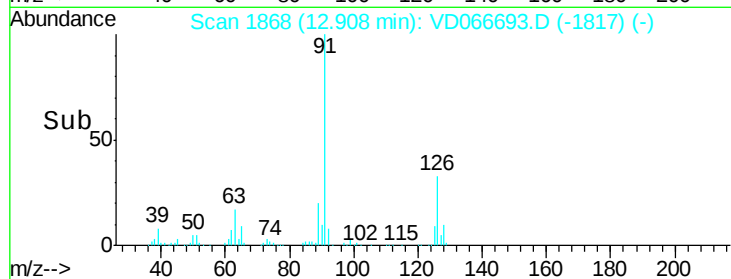
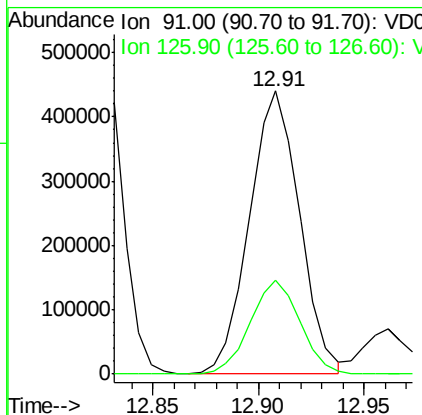
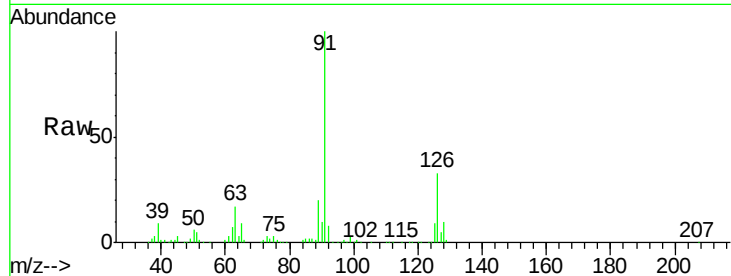
#79
 2-Chlorotoluene
 Concen: 60.504 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VD066693.D
 Acq: 15 Sep 2020 02:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 725821
 Ion Ratio Lower Upper
 91 100
 126 33.1 16.4 49.4

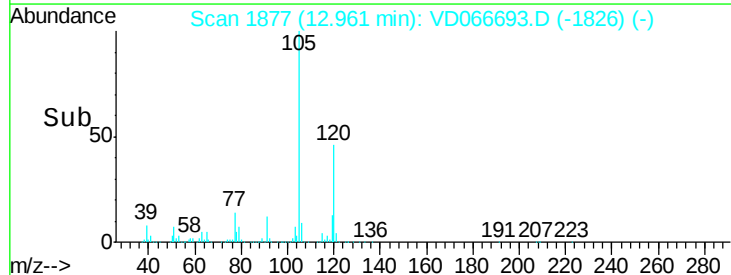
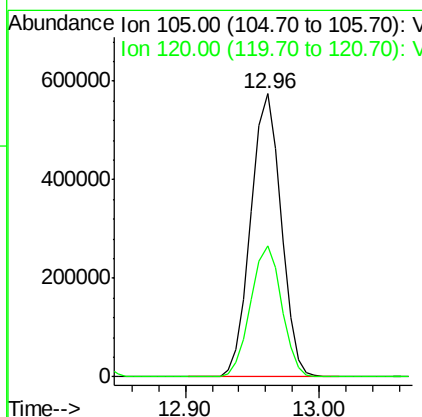
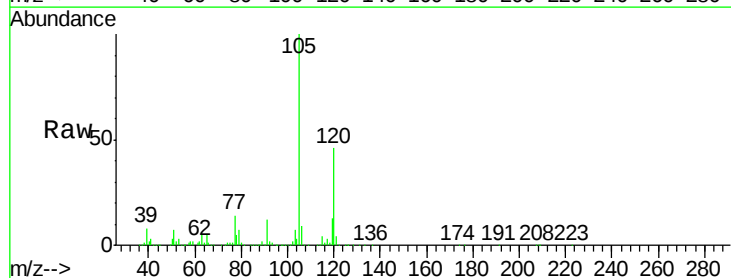
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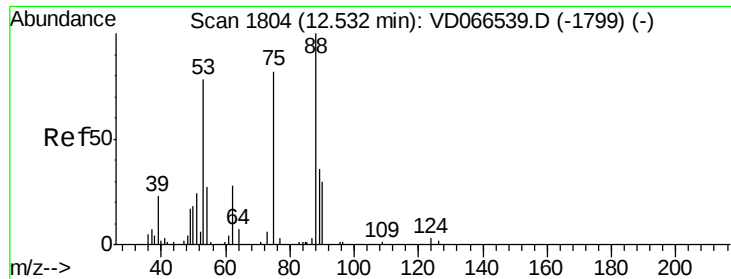
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#80
 1,3,5-Trimethylbenzene
 Concen: 60.629 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD066693.D
 Acq: 15 Sep 2020 02:32

Tgt Ion: 105 Resp: 900140
 Ion Ratio Lower Upper
 105 100
 120 47.6 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 57.083 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 56023

Ion Ratio Lower Upper

75 100

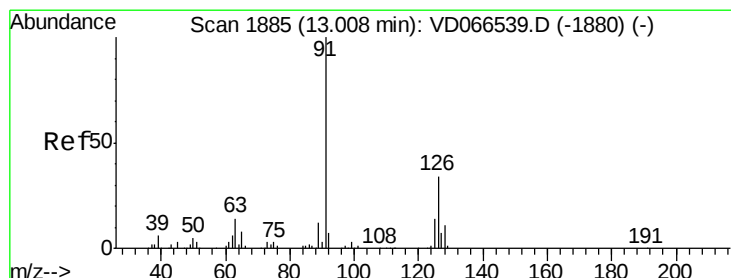
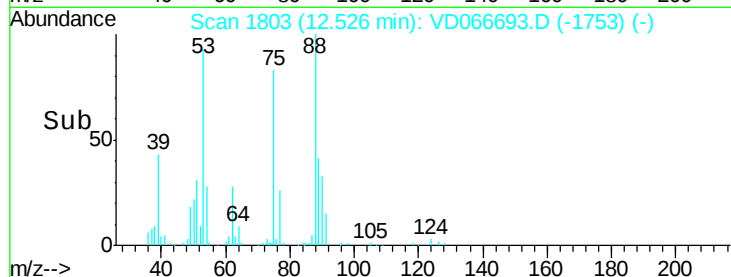
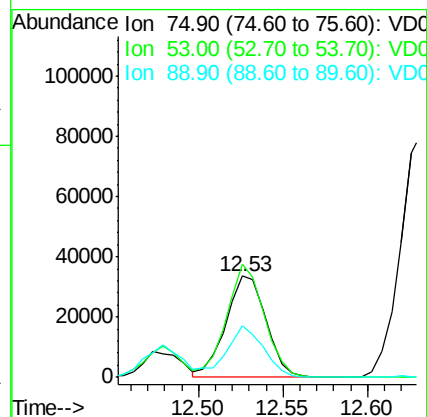
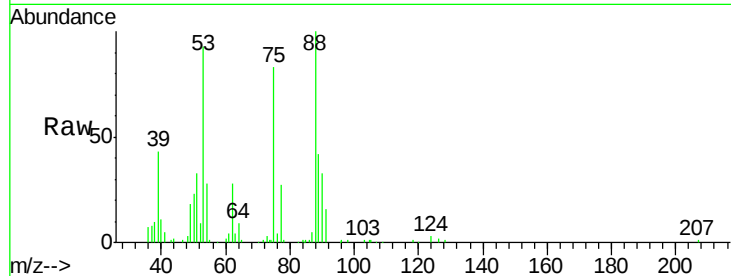
53 104.4 87.0 130.4

89 44.5 37.1 55.7

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#82

4-Chlorotoluene

Concen: 59.052 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD066693.D

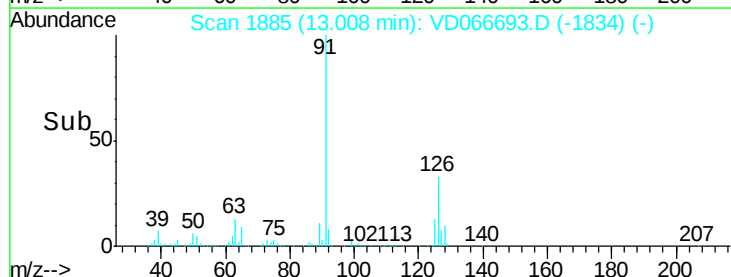
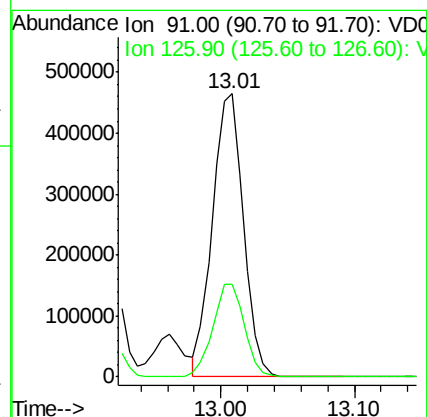
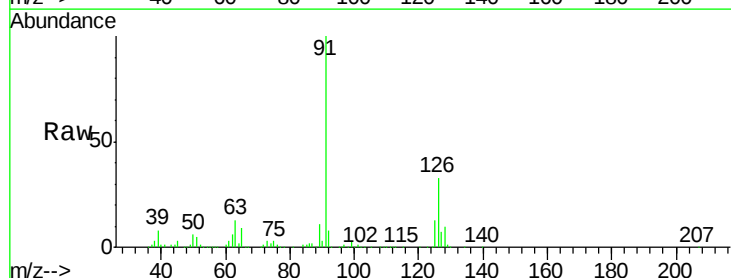
Acq: 15 Sep 2020 02:32

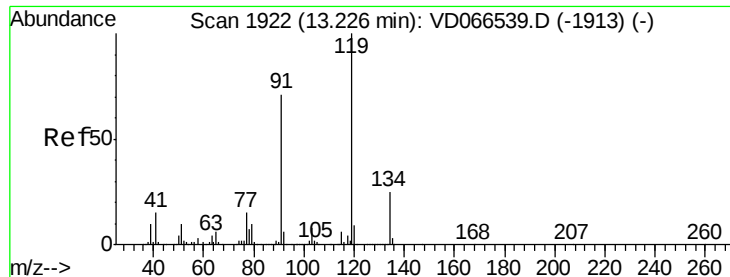
Tgt Ion: 91 Resp: 757534

Ion Ratio Lower Upper

91 100

126 33.3 16.4 49.1





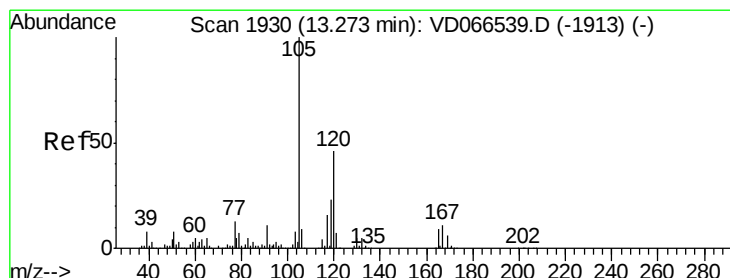
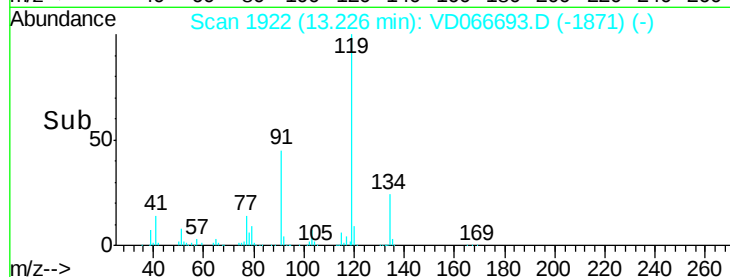
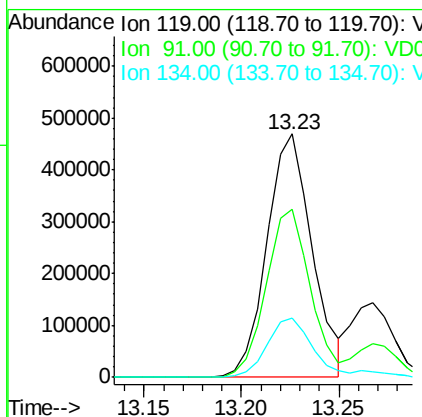
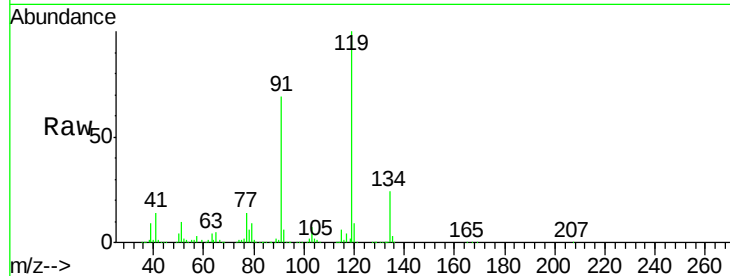
#83
tert-Butylbenzene
Concen: 62.175 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.2	35.2	105.6
134	24.3	13.5	40.5

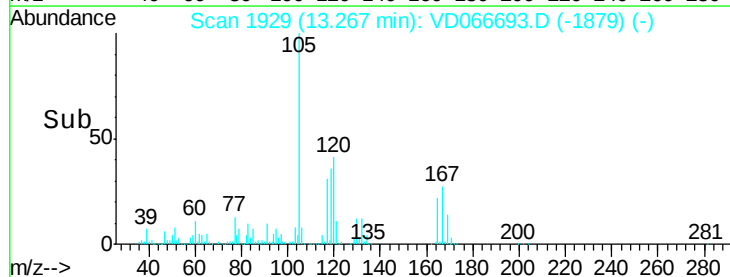
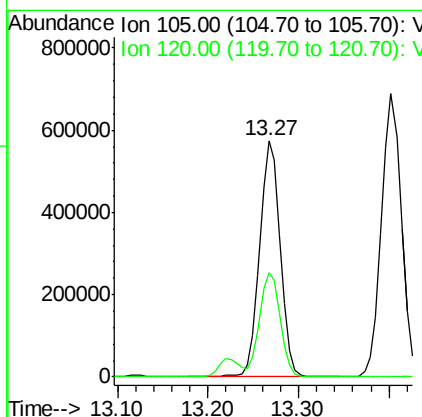
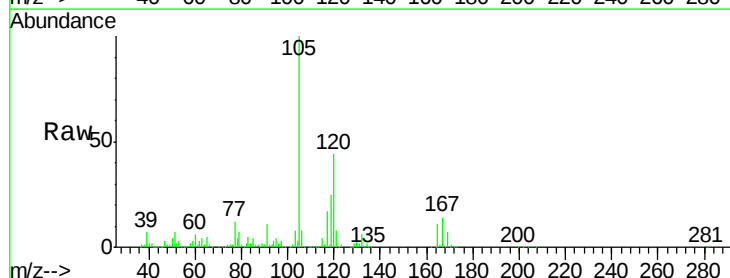
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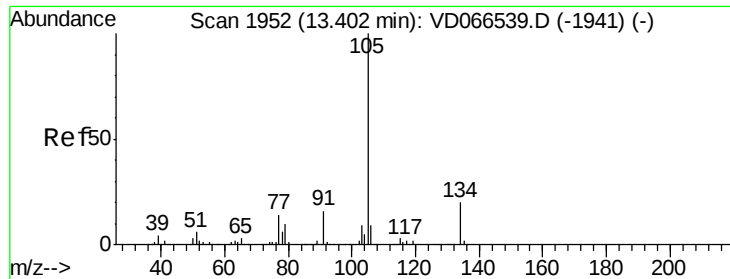
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#84
1,2,4-Trimethylbenzene
Concen: 61.667 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.9	22.6	67.7





#85

sec-Butylbenzene

Concen: 60.128 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1050274

Ion Ratio Lower Upper

105 100

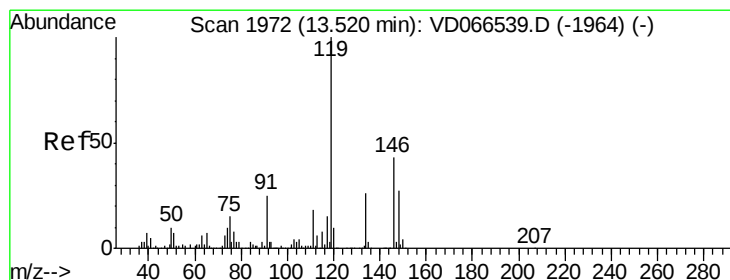
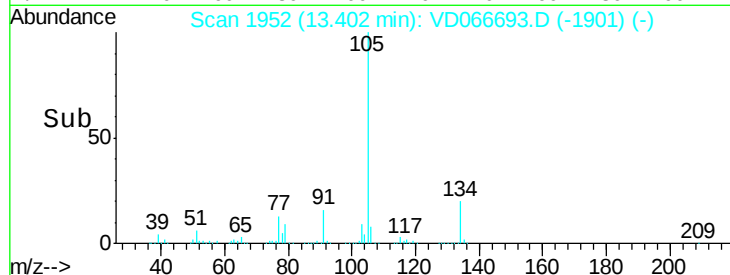
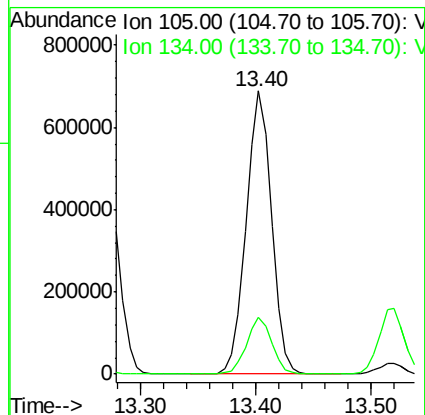
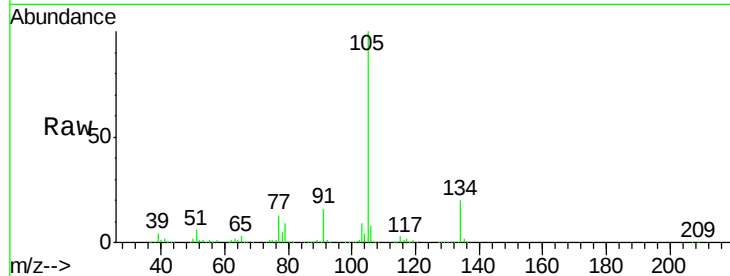
134 19.8 9.8 29.5

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#86

p-Isopropyltoluene

Concen: 60.820 ug/l

RT: 13.51 min Scan# 1971

Delta R.T. -0.01 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

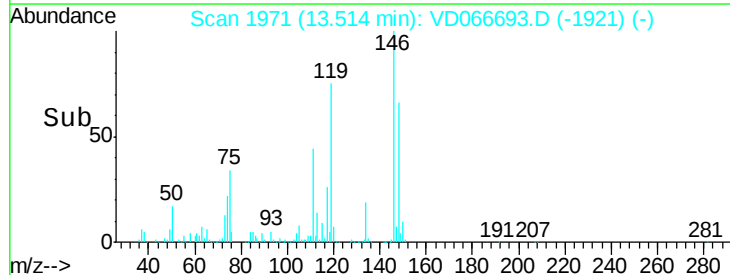
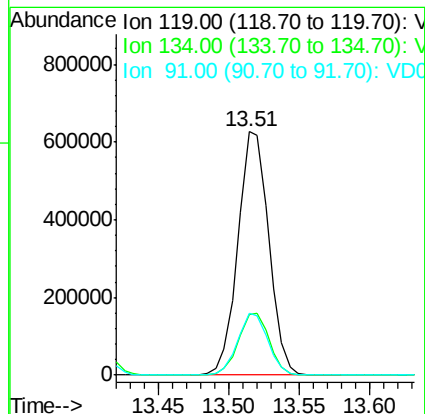
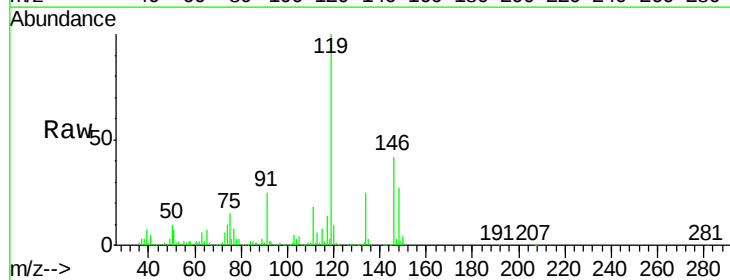
Tgt Ion:119 Resp: 956207

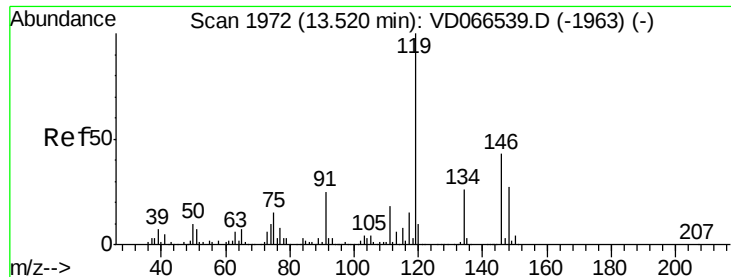
Ion Ratio Lower Upper

119 100

134 25.7 12.7 38.0

91 25.3 12.5 37.5





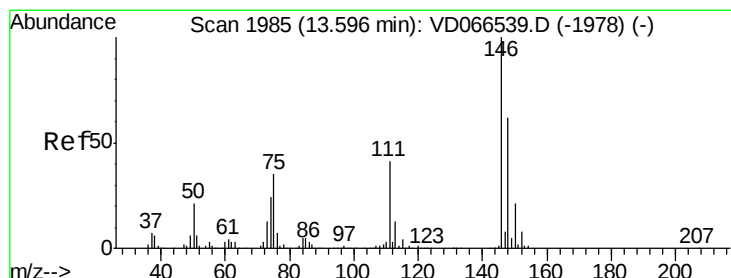
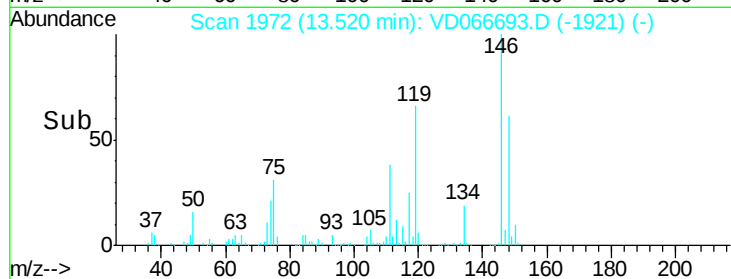
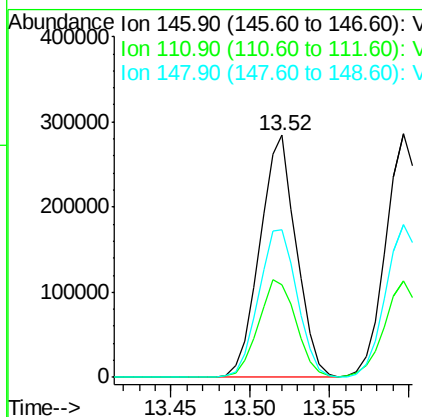
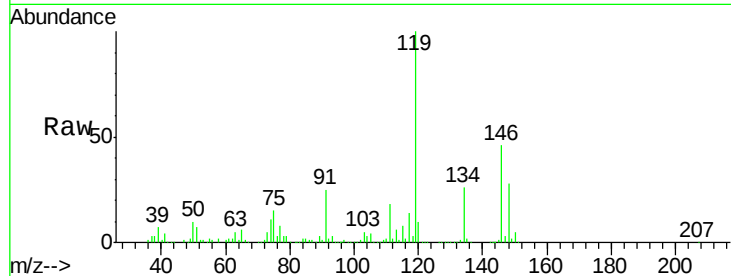
#87
 1,3-Dichlorobenzene
 Concen: 58.343 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066693.D
 Acq: 15 Sep 2020 02:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.6	61.9
148	64.4	32.1	96.3

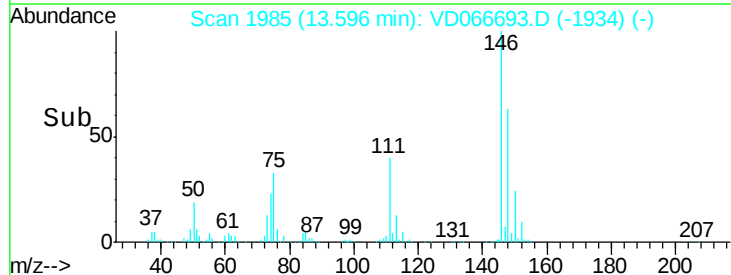
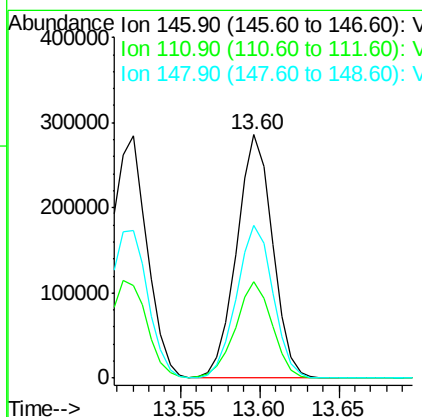
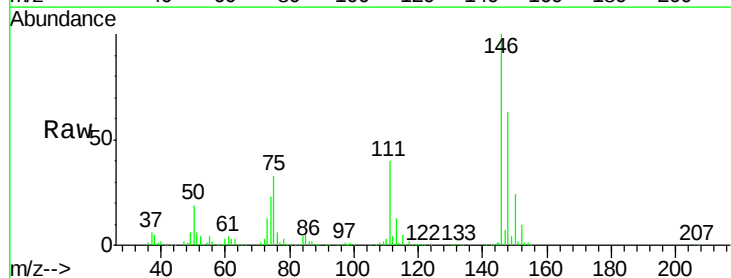
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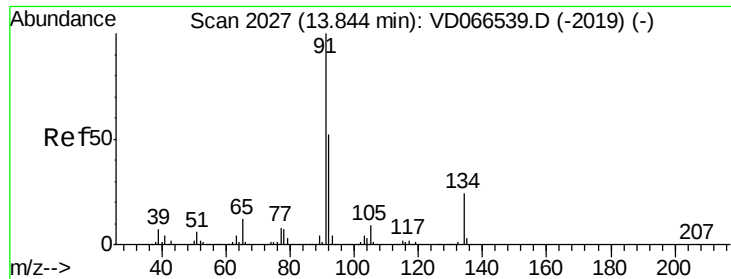
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#88
 1,4-Dichlorobenzene
 Concen: 57.376 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD066693.D
 Acq: 15 Sep 2020 02:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.1	60.2
148	63.8	31.6	94.8





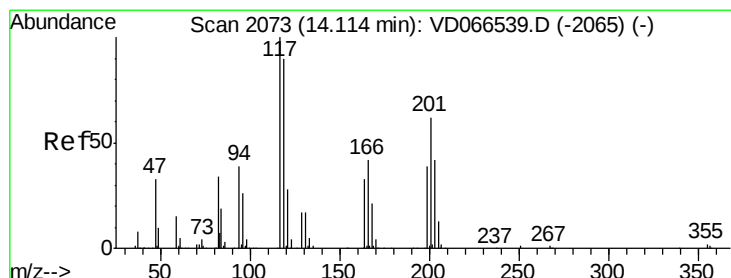
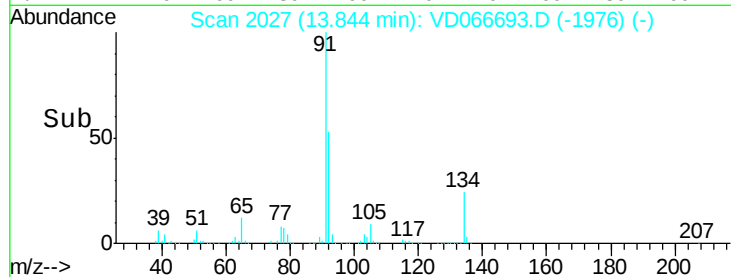
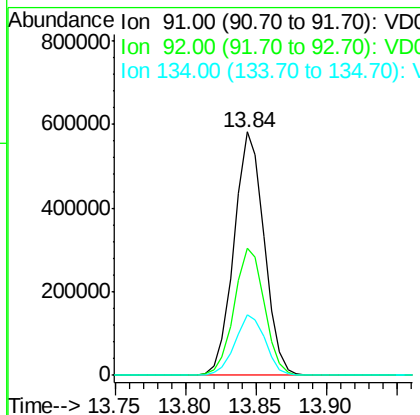
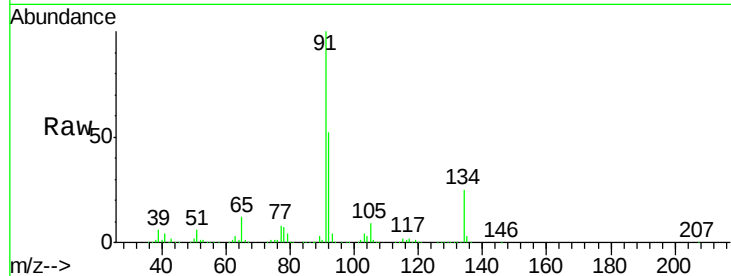
#89
n-Butylbenzene
Concen: 56.405 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	864159		
92	52.3		26.5	79.5
134	24.9		12.1	36.3

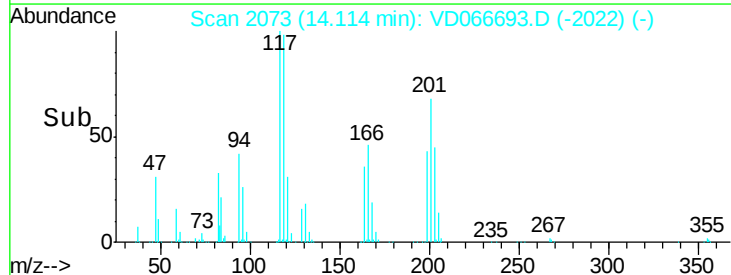
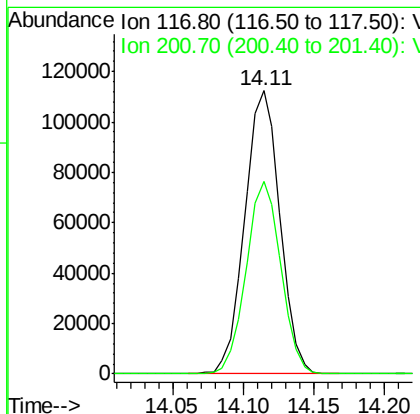
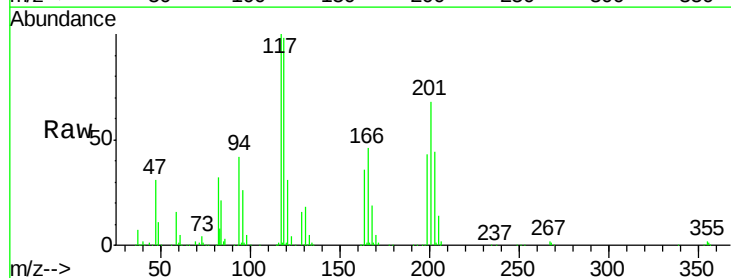
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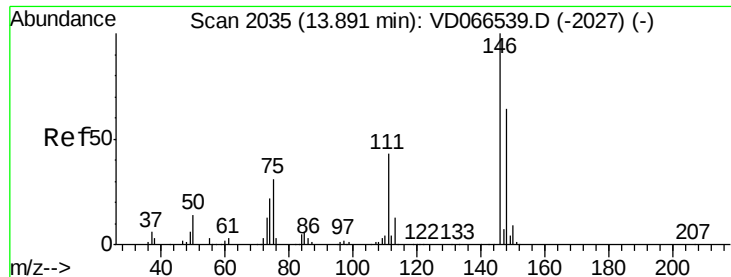
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#90
Hexachloroethane
Concen: 57.942 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	196283		
201	67.1		31.9	95.5





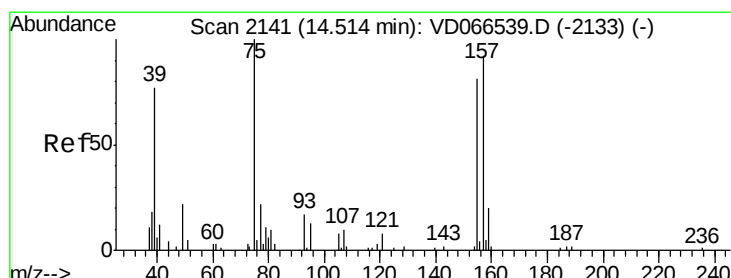
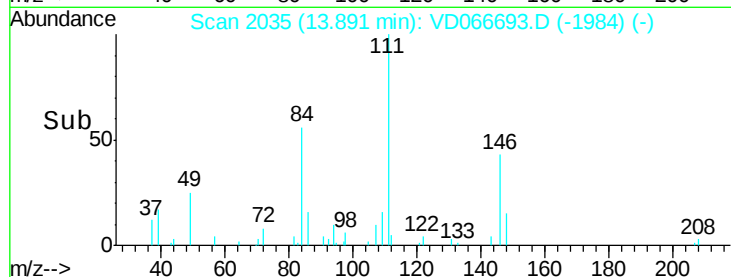
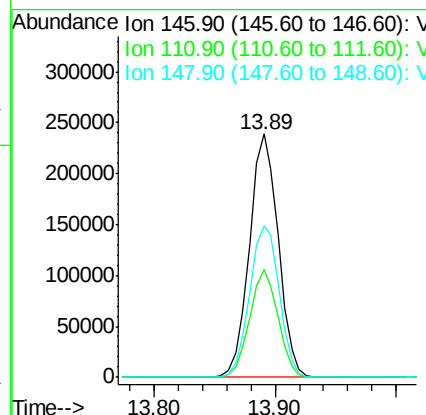
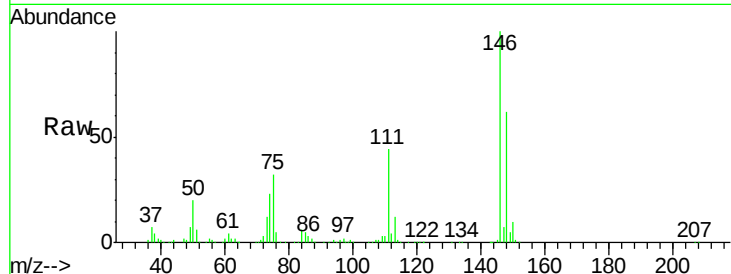
#91
 1,2-Dichlorobenzene
 Concen: 58.448 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066693.D
 Acq: 15 Sep 2020 02:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.1	63.4
148	64.0	31.8	95.3

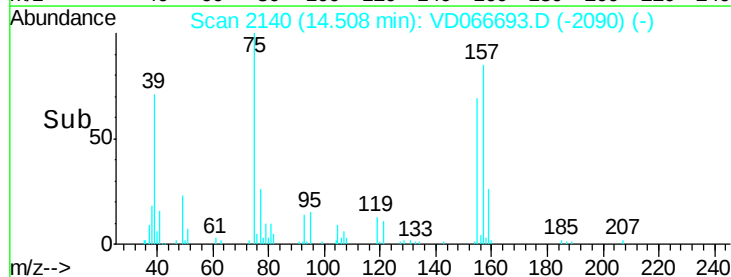
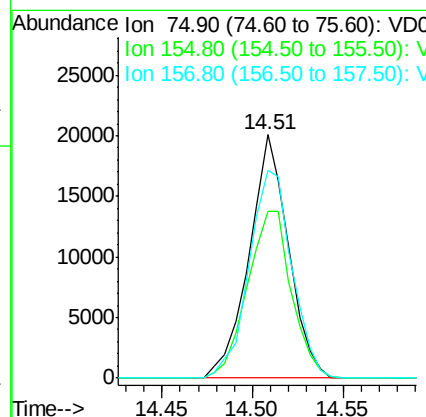
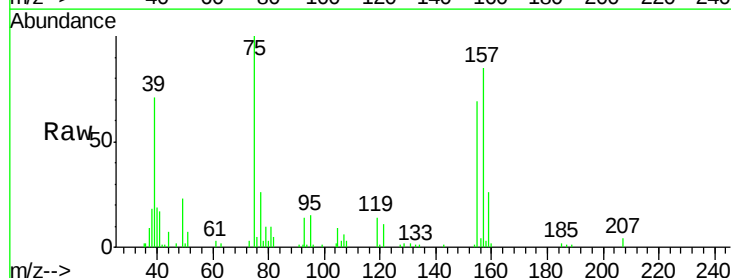
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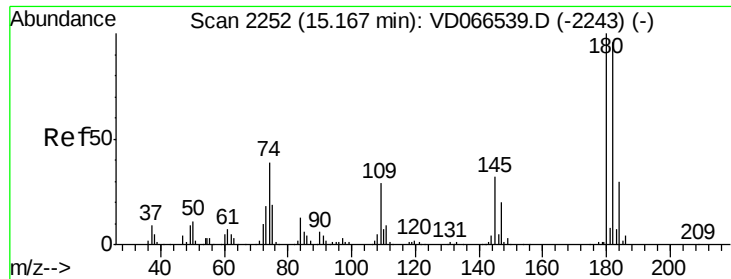
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.146 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066693.D
 Acq: 15 Sep 2020 02:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.7	39.3	117.8
157	92.9	46.0	137.8





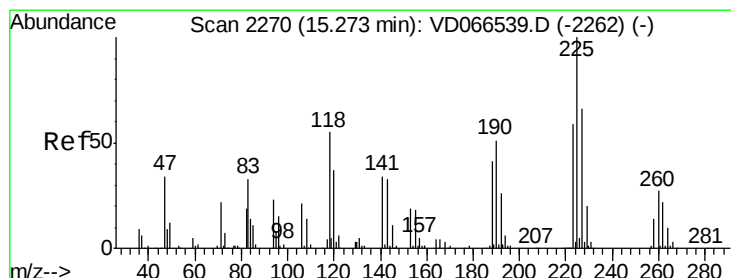
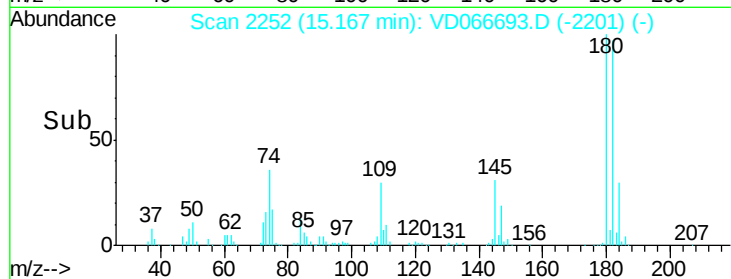
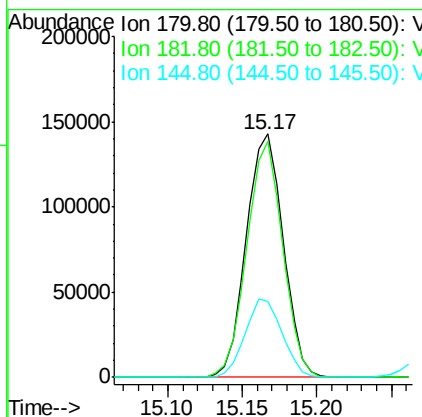
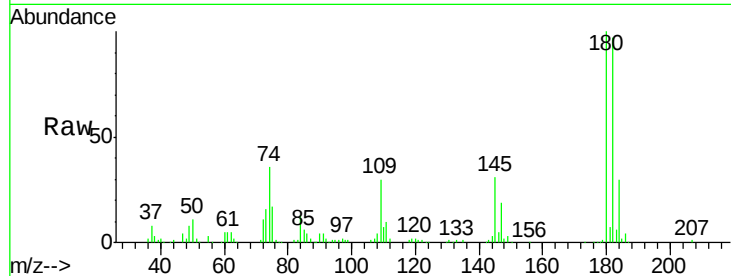
#93
1,2,4-Trichlorobenzene
Concen: 59.817 ug/l
RT: 15.17 min Scan# 2252
Delta R.T. 0.00 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	244978		
182	94.0	48.4	145.0	
145	32.2	16.7	50.0	

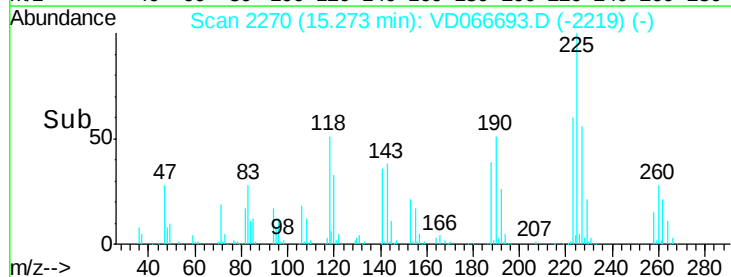
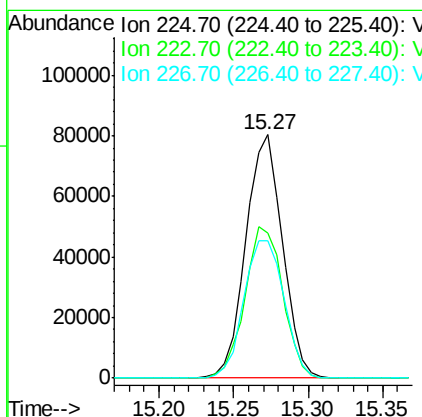
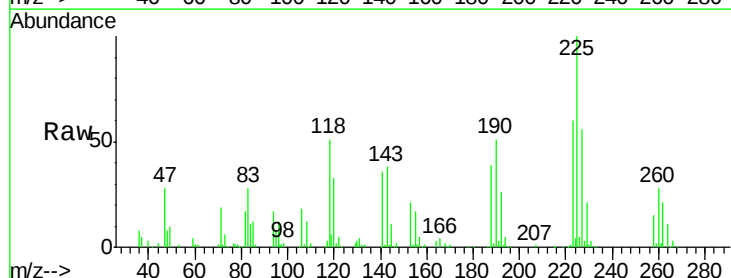
Manual Integrations
APPROVED

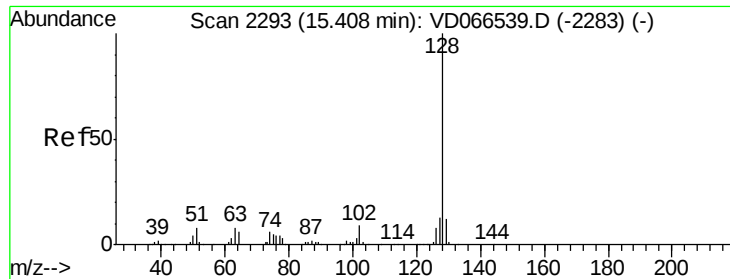
MMDadoda
9/15/2020 2:28:03 PM



#94
Hexachlorobutadiene
Concen: 55.467 ug/l
RT: 15.27 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	136473		
223	64.4	30.5	91.5	
227	62.2	32.4	97.2	





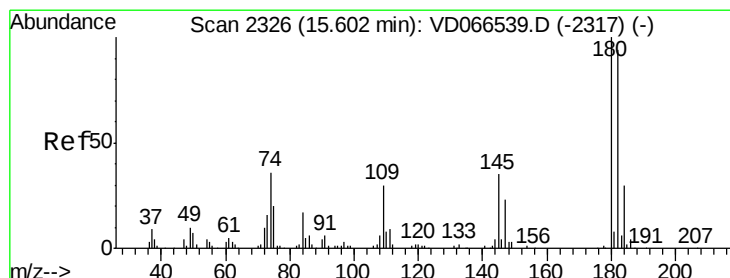
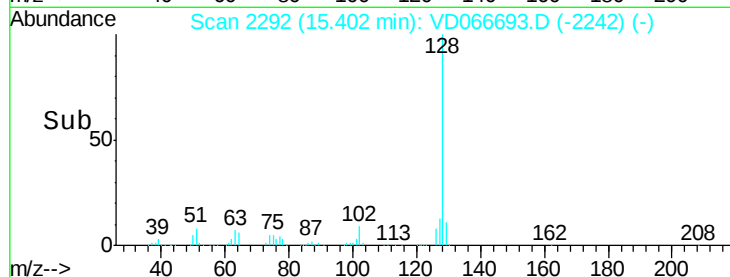
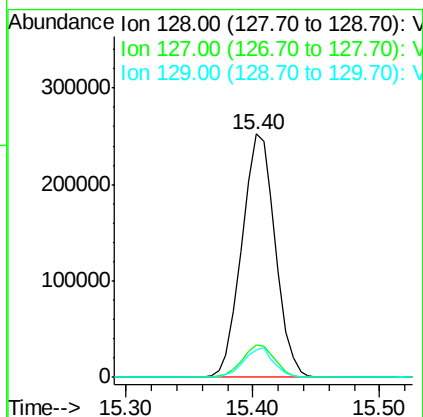
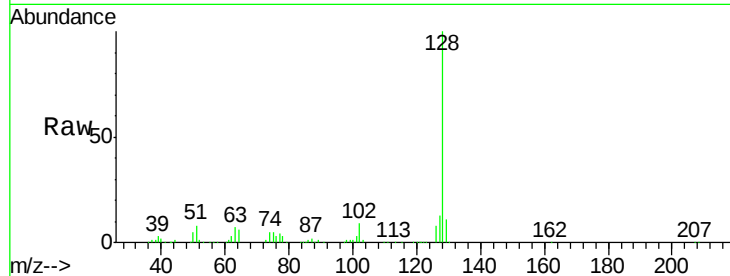
#95
Naphthalene
Concen: 64.434 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:	128	Resp:	461130
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.7	16.1
129	11.0	9.1	13.7

Manual Integrations
APPROVED

MMDadoda
9/15/2020 2:28:03 PM



#96
1,2,3-Trichlorobenzene
Concen: 60.622 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Tgt Ion:	180	Resp:	211672
Ion Ratio	Lower	Upper	
180	100		
182	98.1	47.9	143.6
145	34.8	17.3	51.7

