

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082620\
 Data File : VD066427.D
 Acq On : 26 Aug 2020 18:17
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/27/2020 3:08:42 PM

Quant Time: Aug 27 08:47:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	170741	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	248090	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	238478	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	126601	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	99332	59.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.68%	
35) Dibromofluoromethane	7.91	113	79358	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
50) Toluene-d8	10.33	98	297162	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	
62) 4-Bromofluorobenzene	12.63	95	113090	56.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.30%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.99	85	56847	39.163	ug/l	100
3) Chloromethane	2.20	50	41452	40.287	ug/l	98
4) Vinyl Chloride	2.34	62	44503	40.285	ug/l	100
5) Bromomethane	2.76	94	50277	60.846	ug/l	98
6) Chloroethane	2.92	64	32636	46.137	ug/l	99
7) Trichlorofluoromethane	3.27	101	141404	47.072	ug/l	99
8) Diethyl Ether	3.70	74	33400	49.624	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	4.09	101	62686	42.284	ug/l	99
10) Methyl Iodide	4.30	142	40880	24.177	ug/l	98
11) Tert butyl alcohol	5.21	59	31167	340.745	ug/l	96
12) 1,1-Dichloroethene	4.06	96	60050	43.152	ug/l	97
13) Acrolein	3.92	56	12386	166.628	ug/l	97
14) Allyl chloride	4.71	41	80403	43.287	ug/l	89
15) Acrylonitrile	5.43	53	63588	235.468	ug/l	98
16) Acetone	4.15	43	58019	192.253	ug/l	95
17) Carbon Disulfide	4.40	76	179087	42.464	ug/l #	94
18) Methyl Acetate	4.71	43	26812	47.337	ug/l	90
19) Methyl tert-butyl Ether	5.47	73	178062	53.140	ug/l	93
20) Methylene Chloride	4.96	84	73285	44.783	ug/l #	94
21) trans-1,2-Dichloroethene	5.47	96	74393	45.925	ug/l	98
22) Diisopropyl ether	6.36	45	162014	45.051	ug/l	96
23) Vinyl Acetate	6.30	43	515917	231.740	ug/l	96
24) 1,1-Dichloroethane	6.26	63	117606	46.277	ug/l	99
25) 2-Butanone	7.21	43	75762	221.138	ug/l	96
26) 2,2-Dichloropropane	7.21	77	124873	45.845	ug/l	100
27) cis-1,2-Dichloroethene	7.20	96	81044	46.692	ug/l	97
28) Bromochloromethane	7.54	49	47727	54.521	ug/l	90
29) Tetrahydrofuran	7.56	42	43613	224.125	ug/l	94
30) Chloroform	7.71	83	152124	51.737	ug/l	100
31) Cyclohexane	7.98	56	87533	37.660	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	151919	50.483	ug/l	100
36) 1,1-Dichloropropene	8.10	75	99246	43.843	ug/l	97
37) Ethyl Acetate	7.28	43	31752	41.241	ug/l #	87
38) Carbon Tetrachloride	8.09	117	145833	49.448	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	115290	43.236	ug/l	96
40) Benzene	8.34	78	280475	47.099	ug/l	99
41) Methacrylonitrile	7.48	41	43895m	92.452	ug/l	
42) 1,2-Dichloroethane	8.41	62	115588	55.111	ug/l	98
43) Isopropyl Acetate	8.44	43	73826	47.774	ug/l	100
44) Trichloroethene	9.10	130	93480	48.310	ug/l	96
45) 1,2-Dichloropropane	9.38	63	60401	44.741	ug/l	99
46) Dibromomethane	9.47	93	43909	52.238	ug/l	96
47) Bromodichloromethane	9.66	83	120713	52.221	ug/l	100
48) Methyl methacrylate	9.45	41	36846	46.239	ug/l #	90
49) 1,4-Dioxane	9.45	88	9633	986.970	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	180867	241.943	ug/l	99
52) Toluene	10.40	92	196755	48.768	ug/l	96
53) t-1,3-Dichloropropene	10.61	75	110113	50.202	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	117332	47.657	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	54489	47.885	ug/l	94
56) Ethyl methacrylate	10.66	69	65757	49.919	ug/l #	88
57) 1,3-Dichloropropane	10.94	76	92231	49.001	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	151073	276.133	ug/l	92
59) 2-Hexanone	10.98	43	128030	242.801	ug/l	100
60) Dibromochloromethane	11.14	129	87659	51.106	ug/l	99
61) 1,2-Dibromoethane	11.24	107	55425	49.494	ug/l	96
64) Tetrachloroethene	10.87	164	83870	46.361	ug/l	95
65) Chlorobenzene	11.67	112	226300	47.697	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	97307	50.186	ug/l	97
67) Ethyl Benzene	11.74	91	397784	47.630	ug/l	100
68) m/p-Xylenes	11.85	106	300599	94.432	ug/l	97
69) o-Xylene	12.18	106	142136	47.997	ug/l	98
70) Styrene	12.19	104	249498	49.068	ug/l	98
71) Bromoform	12.36	173	54863	49.873	ug/l #	98
73) Isopropylbenzene	12.48	105	396827	46.790	ug/l	100
74) N-amyl acetate	12.29	43	70202	45.831	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.73	83	54353	44.863	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	38087m	42.763	ug/l	
77) Bromobenzene	12.76	156	102964	47.833	ug/l	98
78) n-propylbenzene	12.82	91	435418	44.777	ug/l	99
79) 2-Chlorotoluene	12.91	91	259912	46.798	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	344327	47.023	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	19267	45.919	ug/l	95
82) 4-Chlorotoluene	13.00	91	276139	46.929	ug/l	98
83) tert-Butylbenzene	13.23	119	298630	46.953	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	350659	48.755	ug/l	98
85) sec-Butylbenzene	13.40	105	382695	45.924	ug/l	100
86) p-Isopropyltoluene	13.52	119	372334	46.338	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	189351	47.124	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	189673	47.013	ug/l	98
89) n-Butylbenzene	13.84	91	312692	44.099	ug/l	99
90) Hexachloroethane	14.11	117	73406	46.246	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	167618	48.458	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	12493	49.166	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	132048	48.899	ug/l	98
94) Hexachlorobutadiene	15.27	225	77518	46.192	ug/l	100
95) Naphthalene	15.40	128	218224	51.451	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	116078	50.178	ug/l	98

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

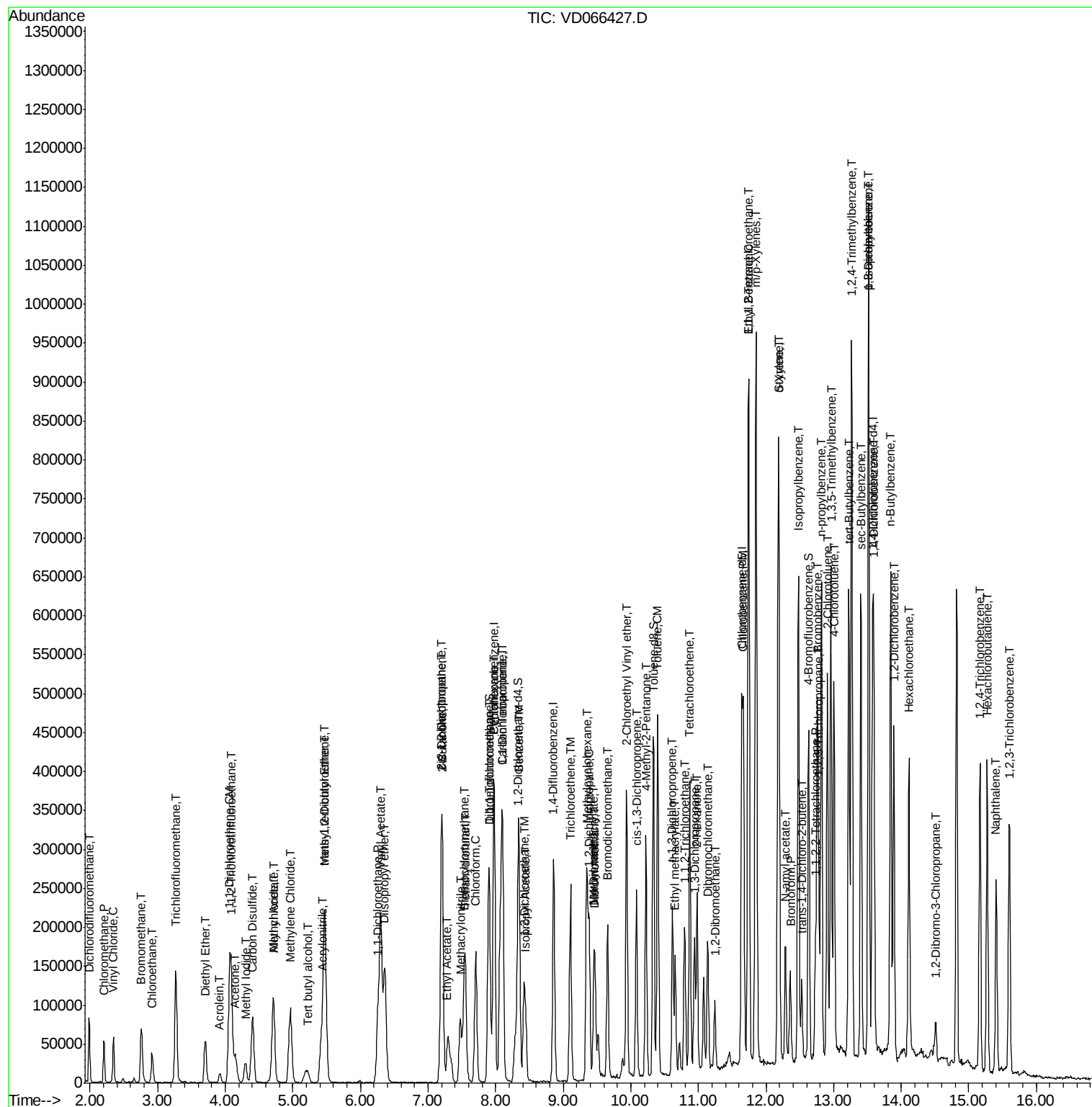
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082620\
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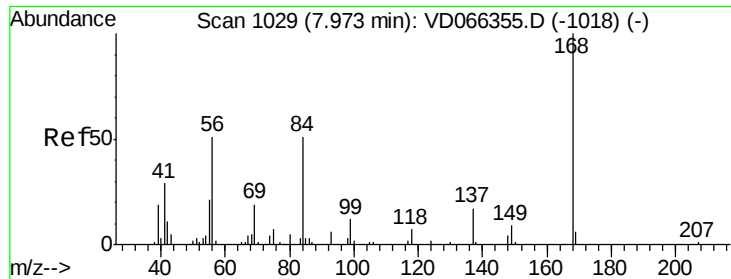
Instrument :
MSVOA_D
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Manual Integrations
APPROVED

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066427.D

Acq: 26 Aug 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 170741

Ion Ratio Lower Upper

168 100

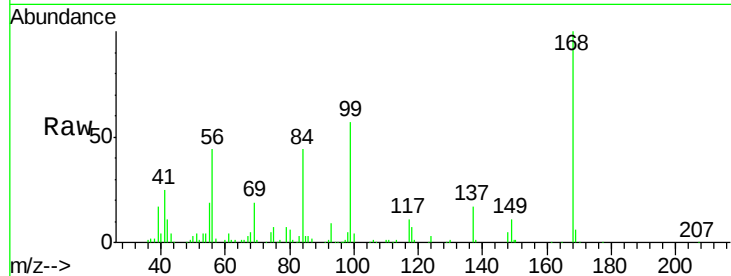
99 56.8 45.4 68.0

Manual Integrations

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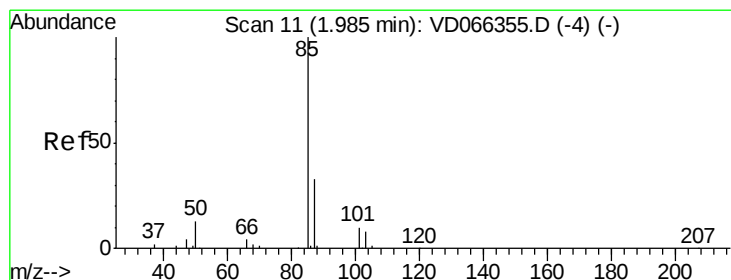
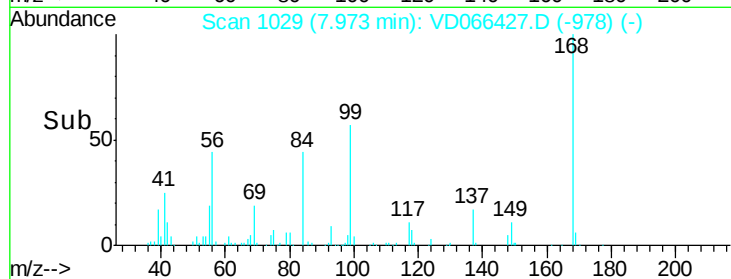
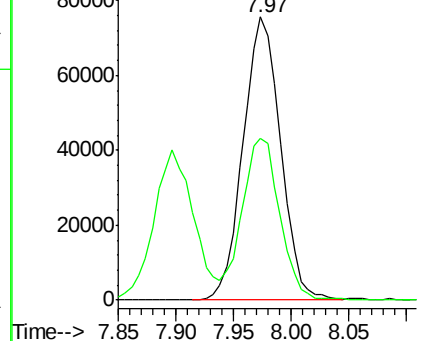
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 39.163 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066427.D

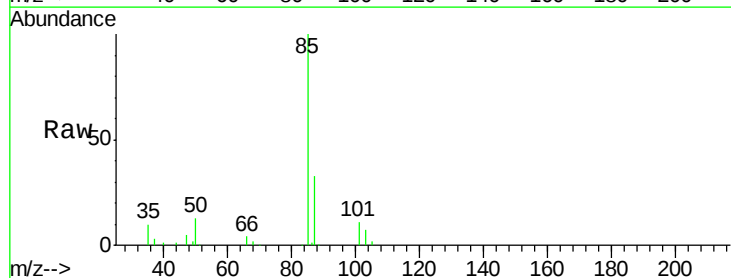
Acq: 26 Aug 2020 18:17

Tgt Ion: 85 Resp: 56847

Ion Ratio Lower Upper

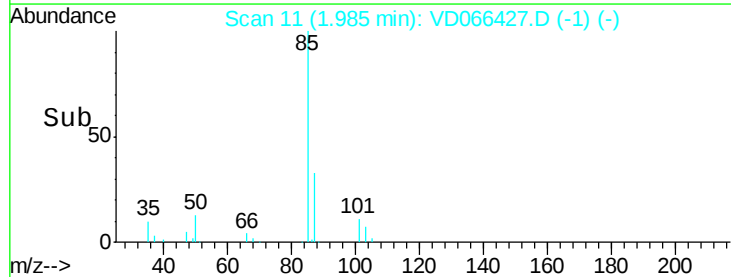
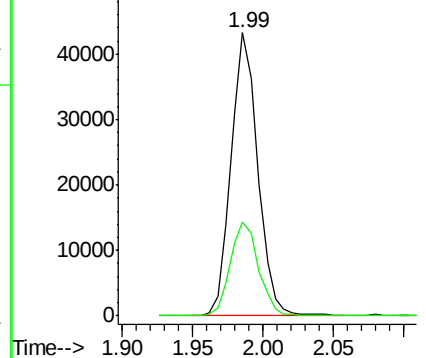
85 100

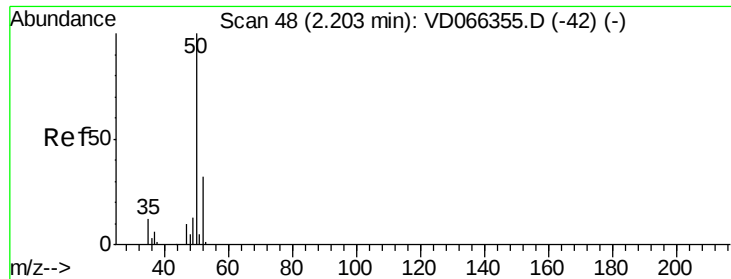
87 33.2 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 40.287 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD066427.D

Acq: 26 Aug 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 41452

Ion Ratio Lower Upper

50 100

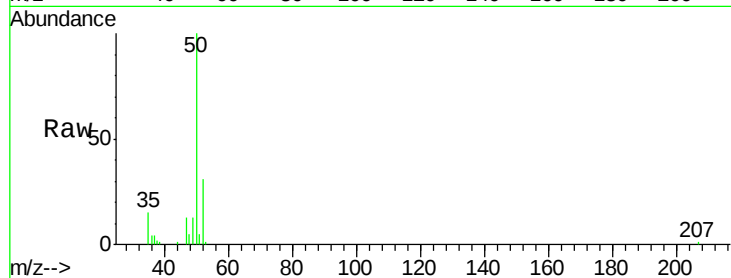
52 30.8 25.7 38.5

Manual Integrations

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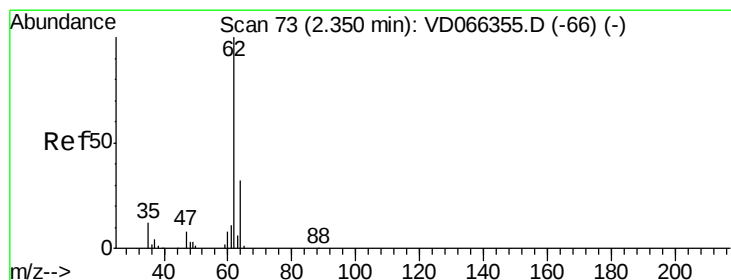
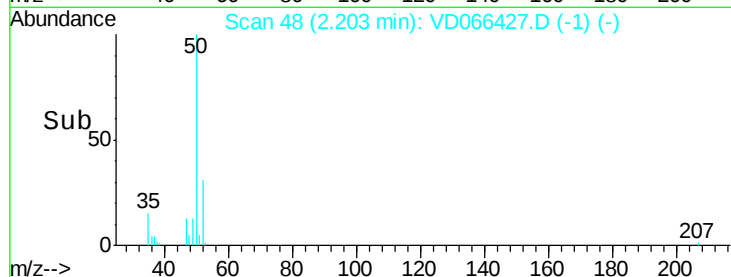
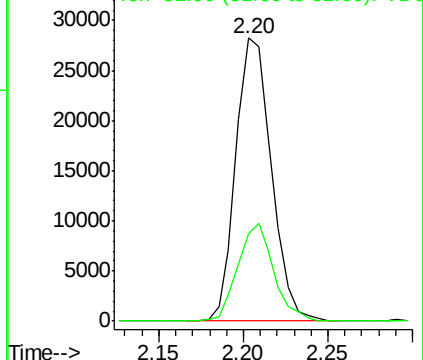
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 40.285 ug/l

RT: 2.34 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD066427.D

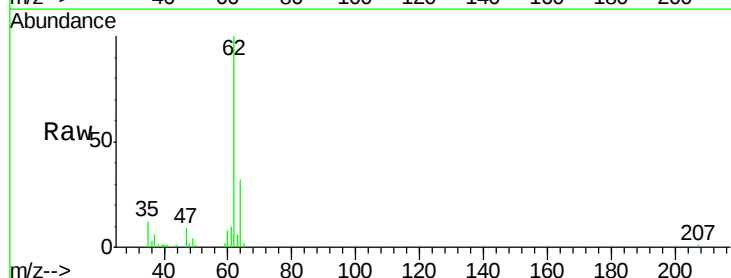
Acq: 26 Aug 2020 18:17

Tgt Ion: 62 Resp: 44503

Ion Ratio Lower Upper

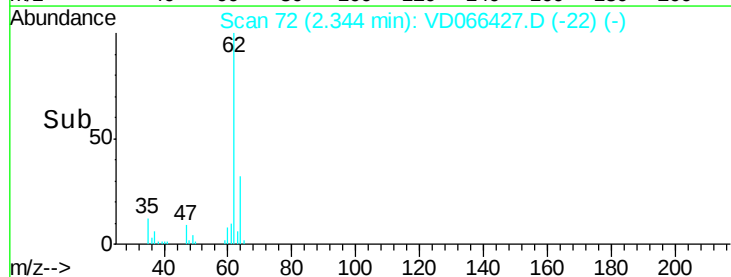
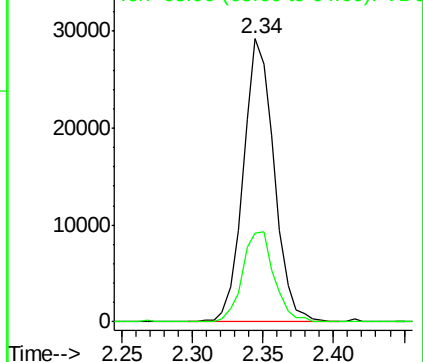
62 100

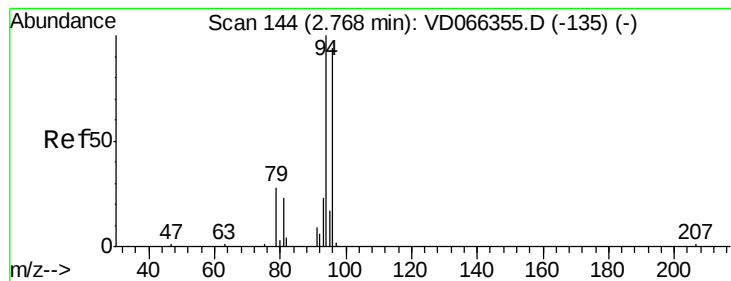
64 31.6 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 60.846 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066427.D

Acq: 26 Aug 2020 18:17

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Tot Ion: 94 Resp: 50277

Ion Ratio Lower Upper

94 100

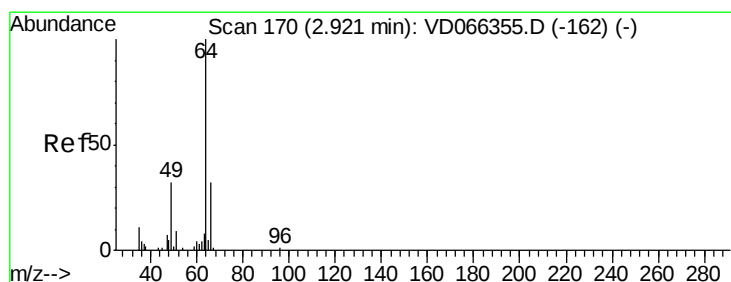
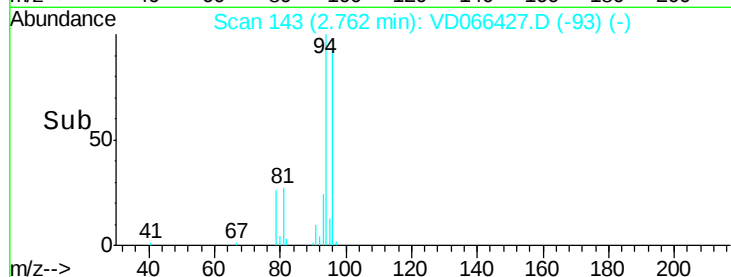
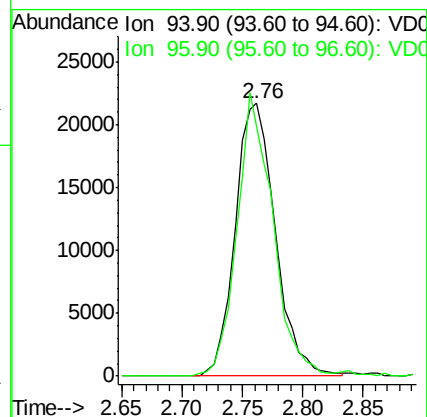
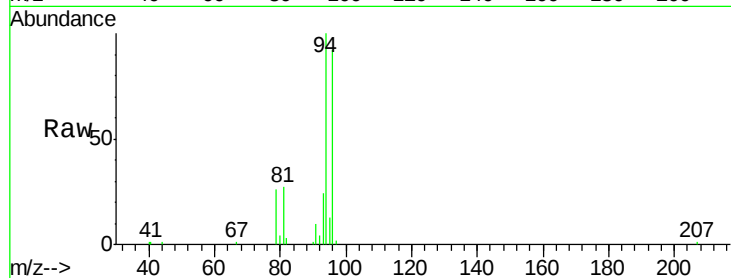
96 91.6 75.0 112.4

Manual Integrations

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#6

Chloroethane

Concen: 46.137 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD066427.D

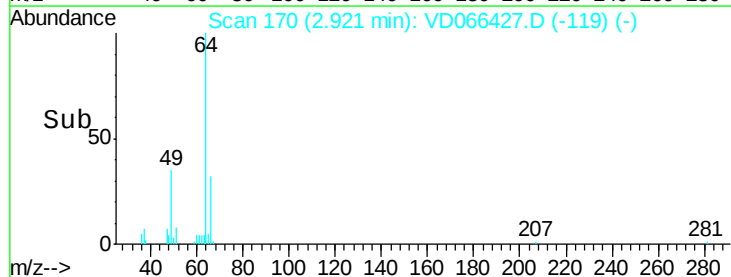
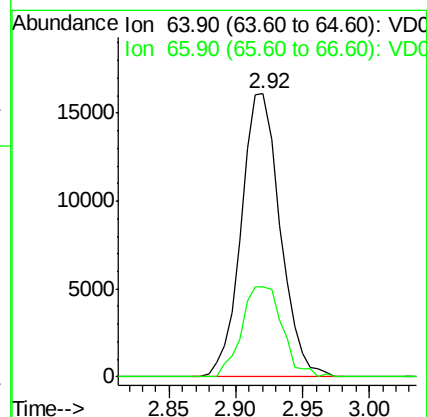
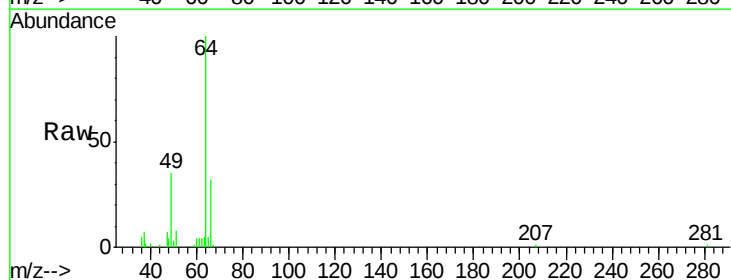
Acq: 26 Aug 2020 18:17

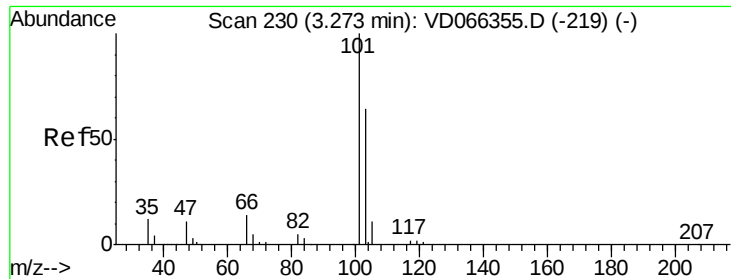
Tgt Ion: 64 Resp: 32636

Ion Ratio Lower Upper

64 100

66 31.7 25.9 38.9





#7

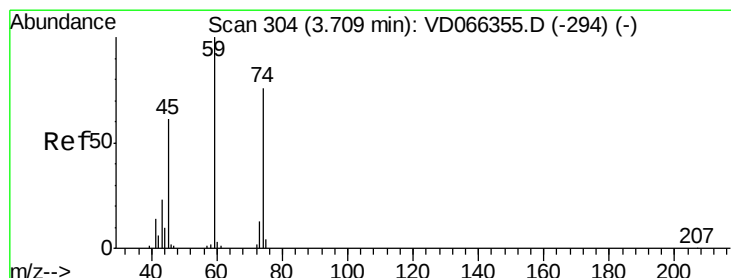
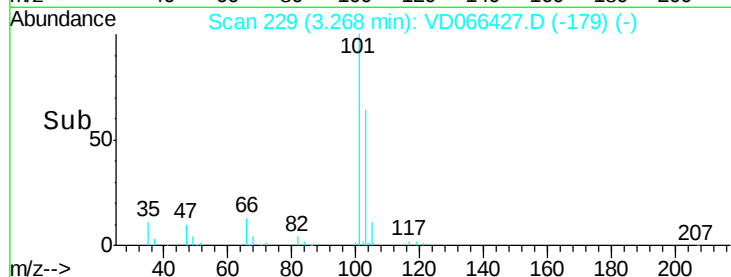
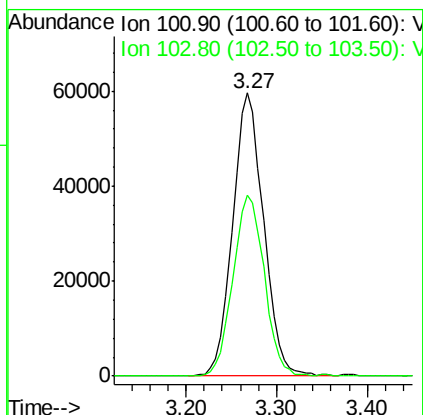
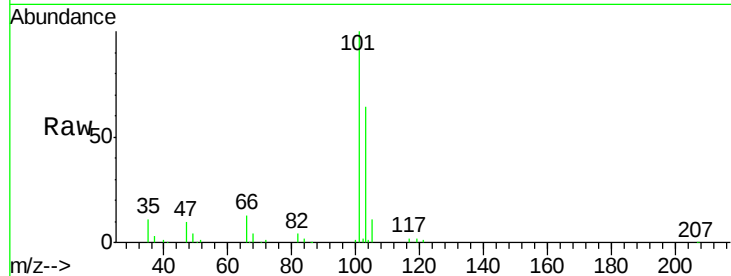
Trichlorofluoromethane
 Concen: 47.072 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD066427.D
 Acq: 26 Aug 2020 18:17

Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		141404		
103	63.8	51.4	77.0		

Manual Integrations
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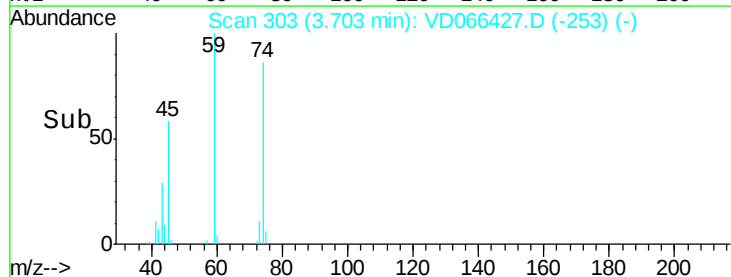
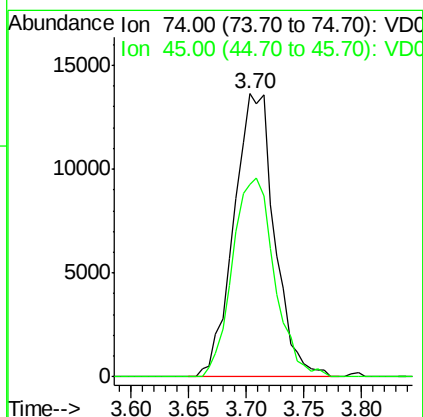
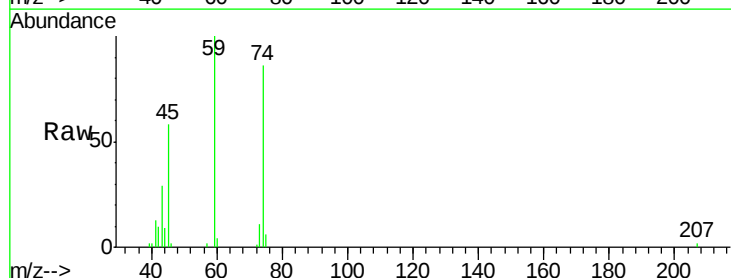
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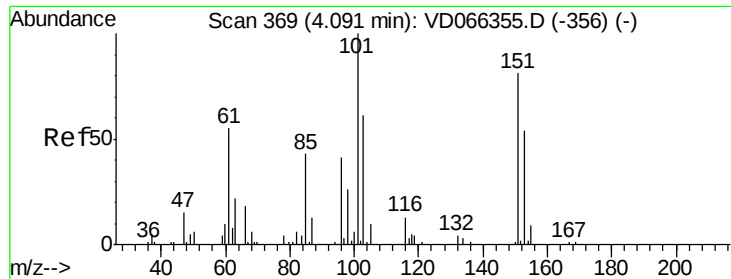


#8

Diethyl Ether
 Concen: 49.624 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD066427.D
 Acq: 26 Aug 2020 18:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		33400		
45	72.4	42.8	128.3		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.284 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD066427.D

Acq: 26 Aug 2020 18:17

Instrument :

MSVOA_D

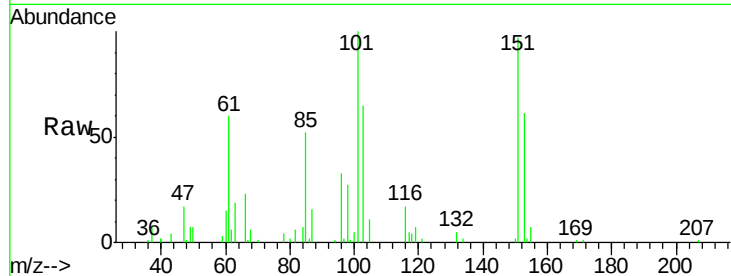
ClientSampleId :

VSTDCCC050EC

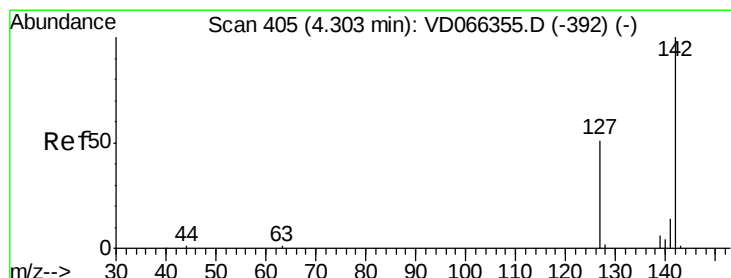
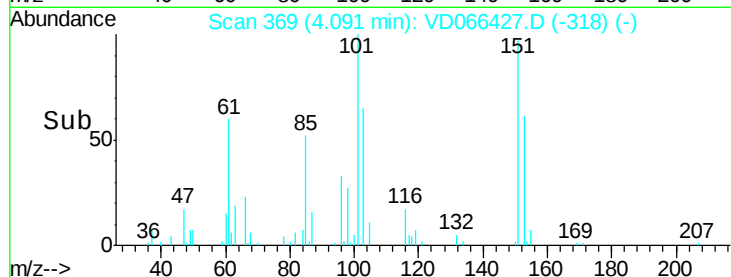
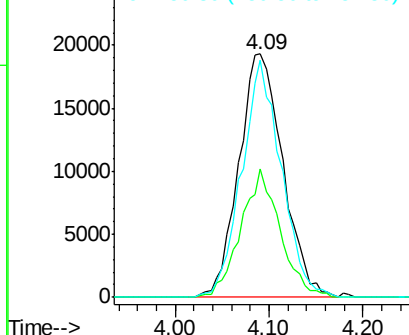
Tot Ion:	101	Resp:	62686
Ion Ratio	Lower	Upper	
101	100		
85	46.8	36.4	54.6
151	87.8	70.5	105.7

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



#10

Methyl Iodide

Concen: 24.177 ug/l

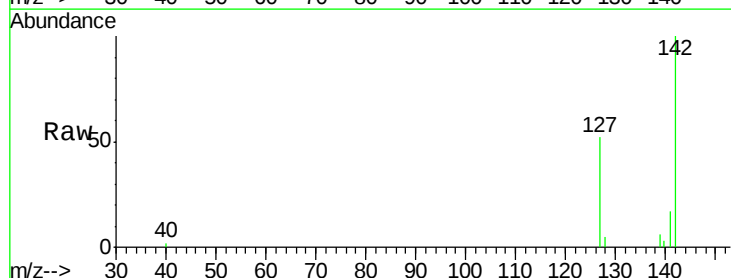
RT: 4.30 min Scan# 405

Delta R.T. 0.00 min

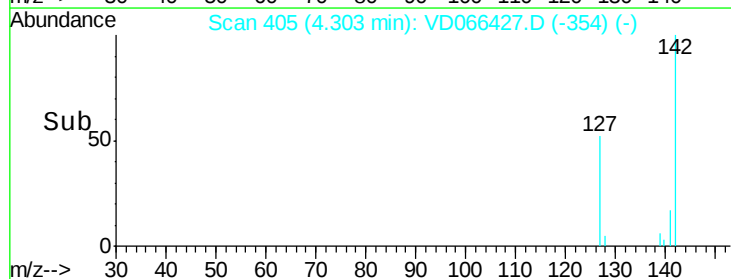
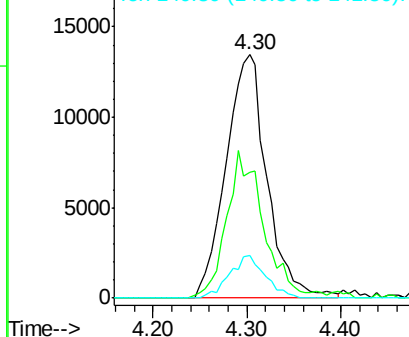
Lab File: VD066427.D

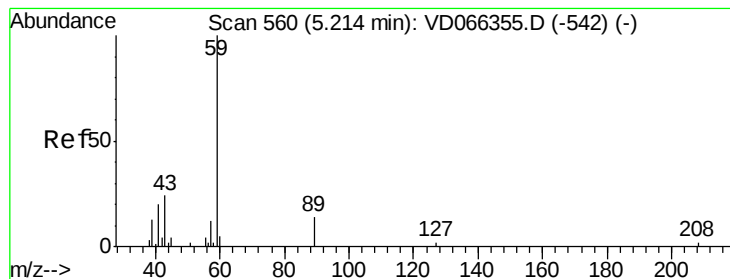
Acq: 26 Aug 2020 18:17

Tgt Ion:	142	Resp:	40880
Ion Ratio	Lower	Upper	
142	100		
127	53.8	41.8	62.8
141	15.1	11.8	17.6



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





#11

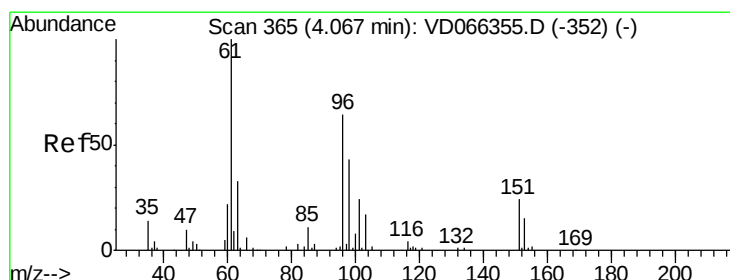
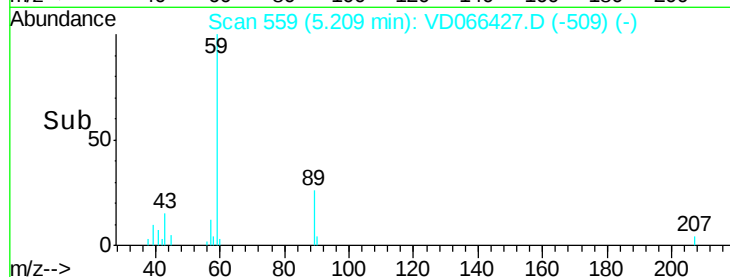
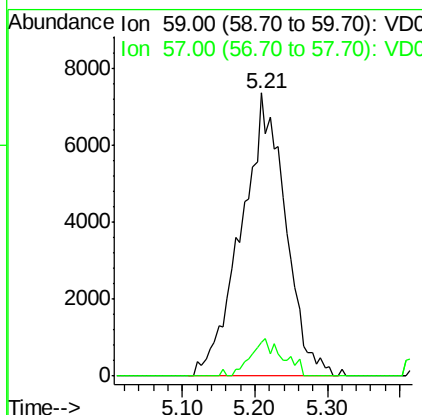
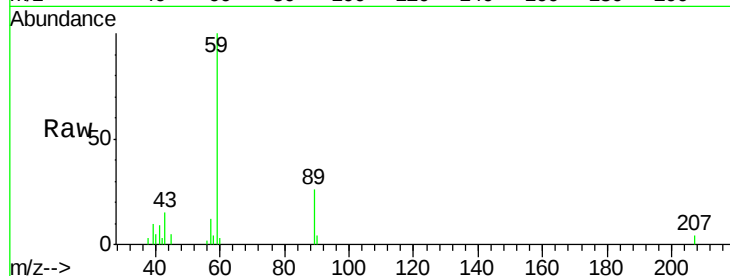
Tert butyl alcohol
Concen: 340.745 ug/l
RT: 5.21 min Scan# 559
Delta R.T. -0.01 min
Lab File: VD066427.D
Acq: 26 Aug 2020 18:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.5	9.0	13.4

Manual Integrations
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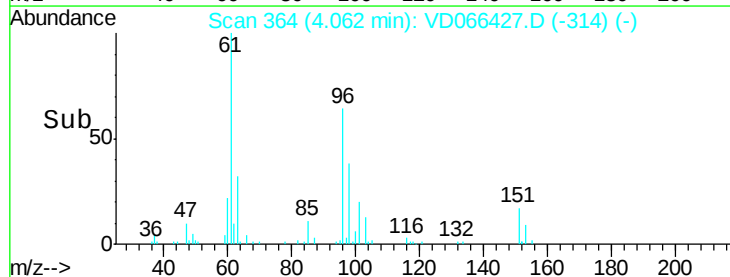
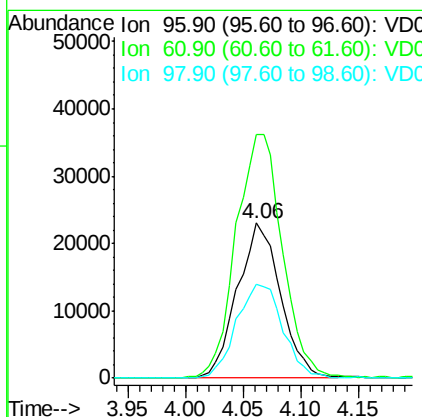
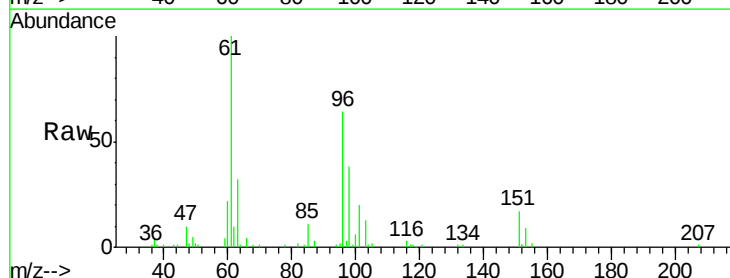
MMDadoda
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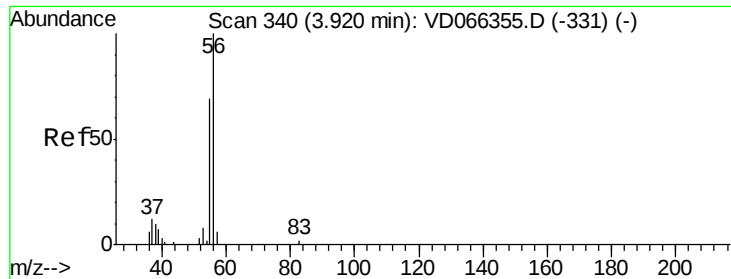


#12

1,1-Dichloroethene
Concen: 43.152 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.01 min
Lab File: VD066427.D
Acq: 26 Aug 2020 18:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.4	124.3	186.5
98	60.5	53.2	79.8





#13

Acrolein

Concen: 166.628 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD066427.D

Acq: 26 Aug 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 12386

Ion Ratio Lower Upper

56 100

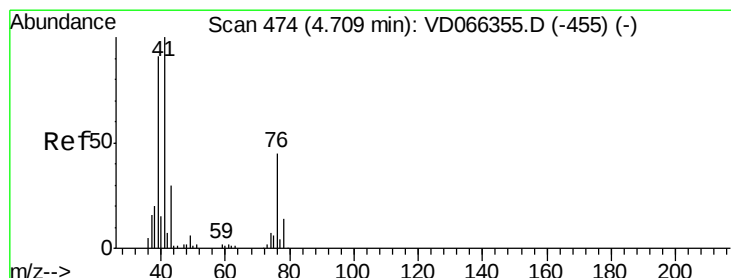
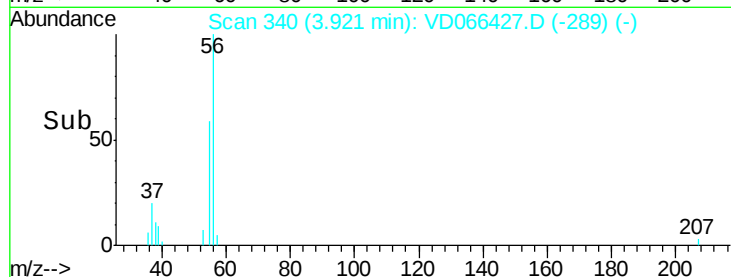
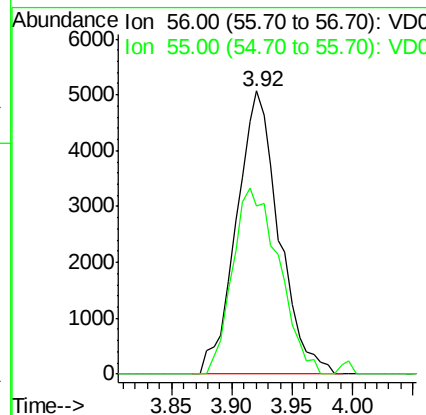
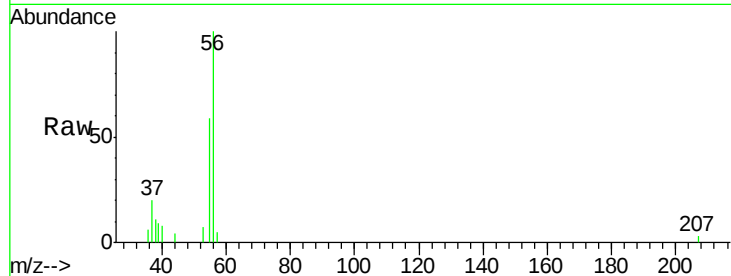
55 71.6 55.5 83.3

Manual Integrations

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#14

Allyl chloride

Concen: 43.287 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.00 min

Lab File: VD066427.D

Acq: 26 Aug 2020 18:17

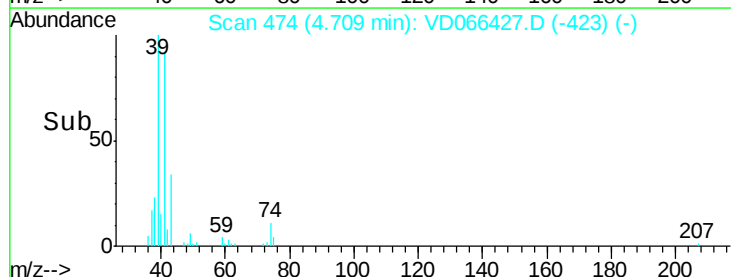
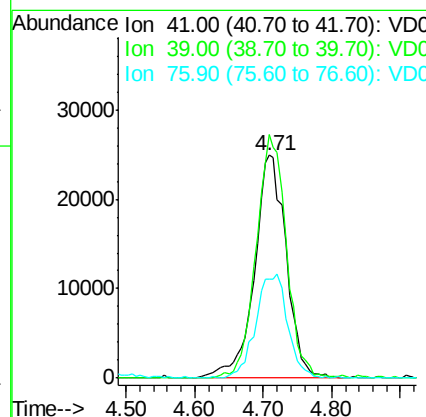
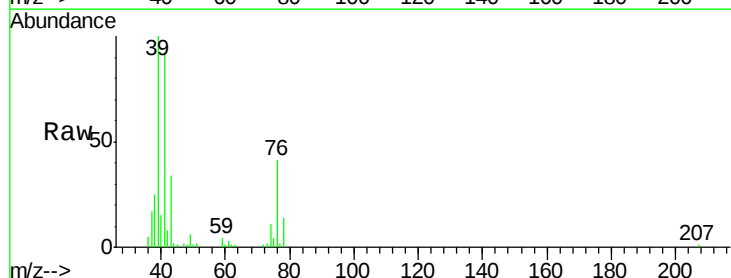
Tgt Ion: 41 Resp: 80403

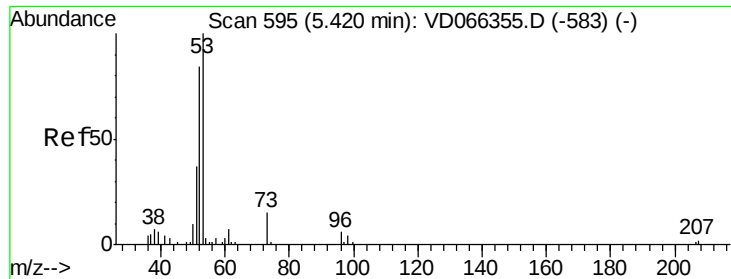
Ion Ratio Lower Upper

41 100

39 103.5 72.8 109.2

76 46.3 34.0 51.0





#15

Acrylonitrile

Concen: 235.468 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD066427.D

Acq: 26 Aug 2020 18:17

Instrument :

MSVOA_D

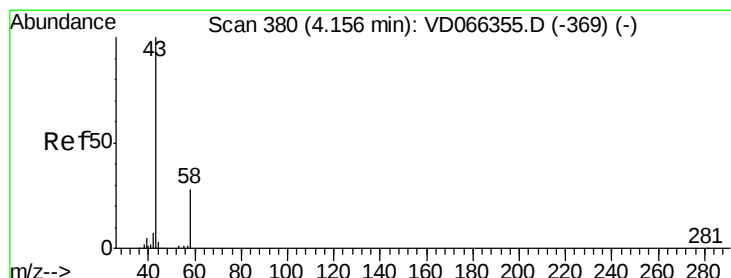
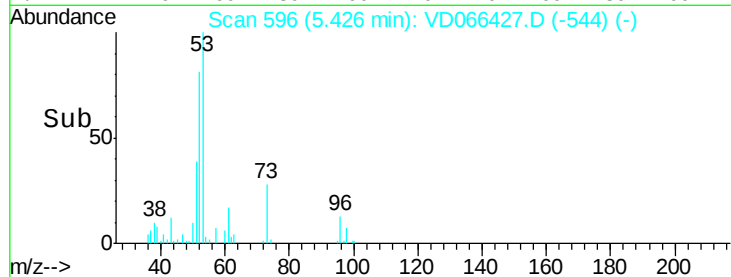
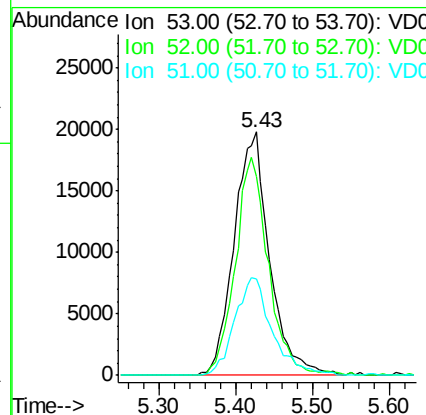
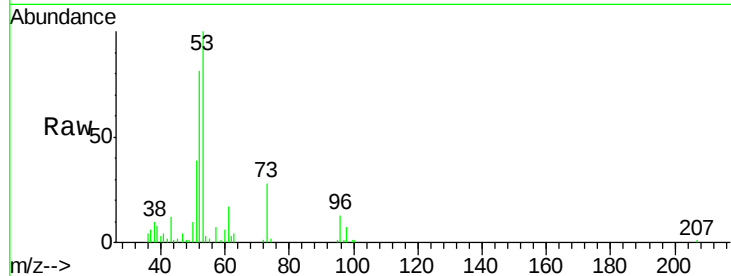
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	63588
Ion Ratio	Lower	Upper	
53	100		
52	83.2	68.1	102.1
51	42.6	33.8	50.6

Manual Integrations
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#16

Acetone

Concen: 192.253 ug/l

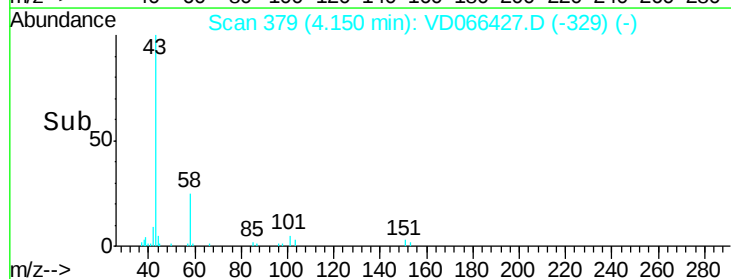
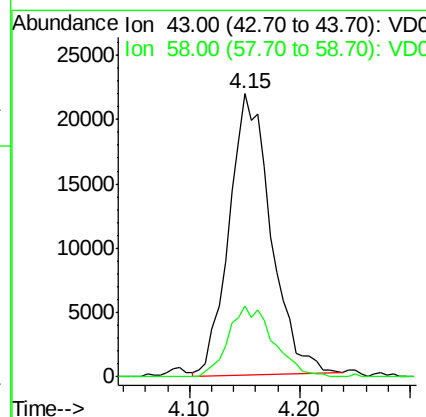
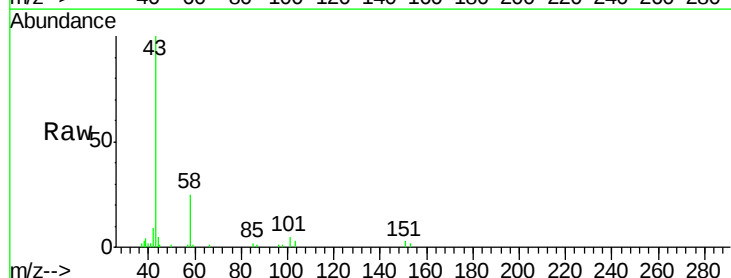
RT: 4.15 min Scan# 379

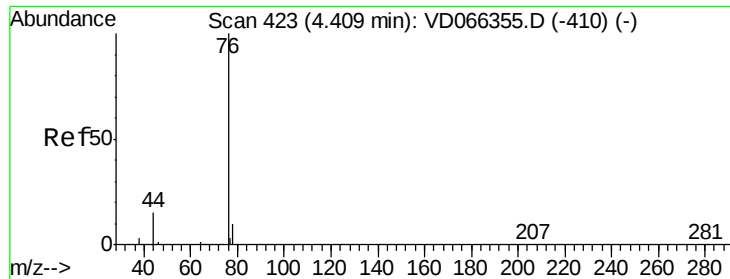
Delta R.T. -0.01 min

Lab File: VD066427.D

Acq: 26 Aug 2020 18:17

Tgt Ion:	43	Resp:	58019
Ion Ratio	Lower	Upper	
43	100		
58	25.6	22.7	34.1





#17

Carbon Disulfide

Concen: 42.464 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD066427.D

Acq: 26 Aug 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 179087

Ion Ratio Lower Upper

76 100

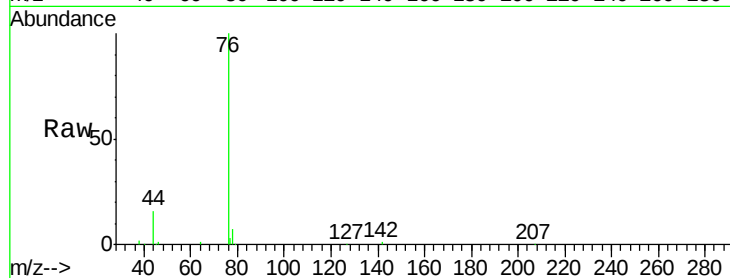
78 7.4 7.7 11.5#

Manual Integrations

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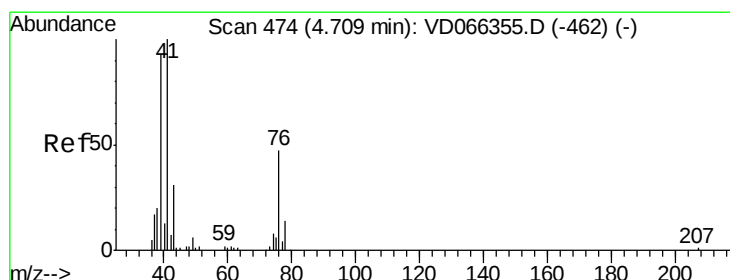
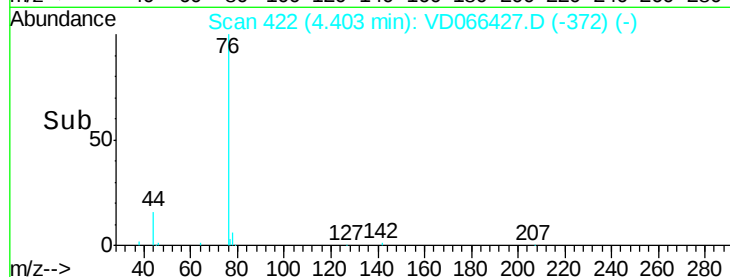
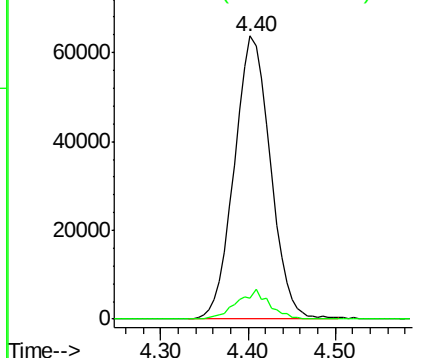
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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 47.337 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066427.D

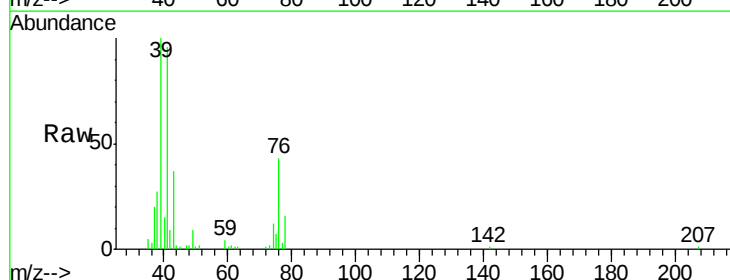
Acq: 26 Aug 2020 18:17

Tgt Ion: 43 Resp: 26812

Ion Ratio Lower Upper

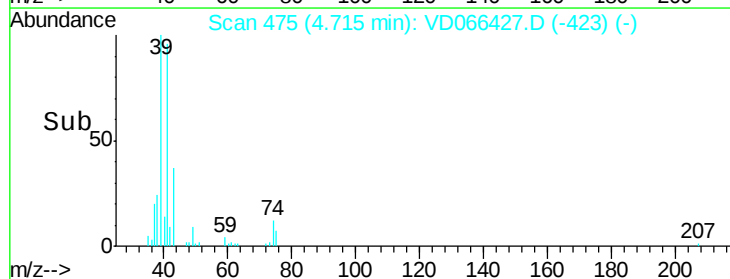
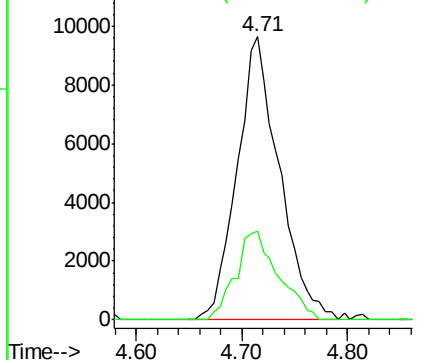
43 100

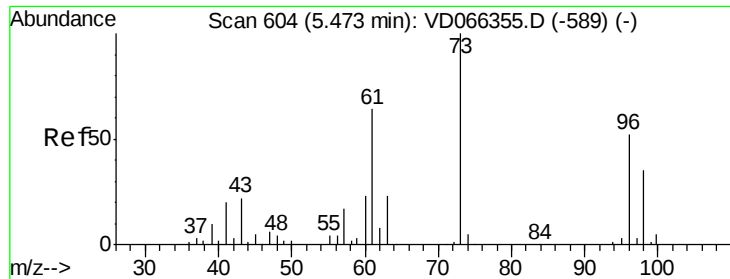
74 31.5 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





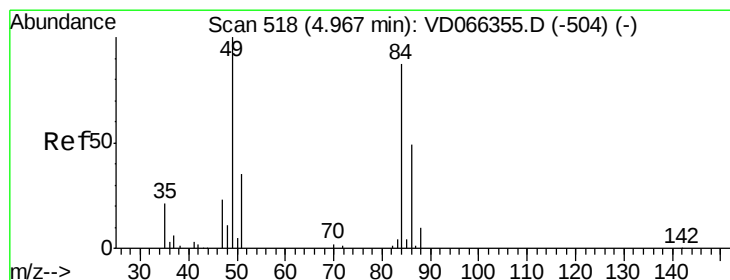
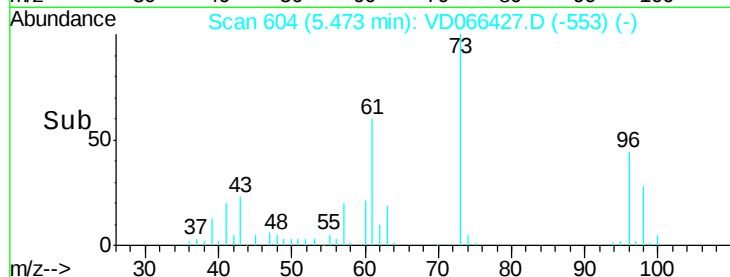
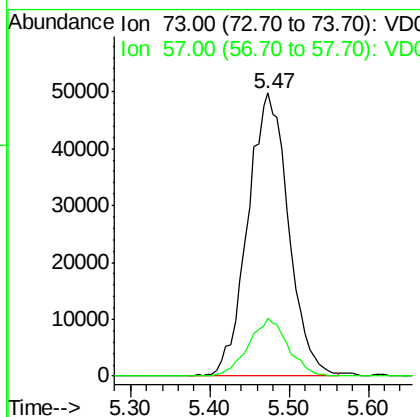
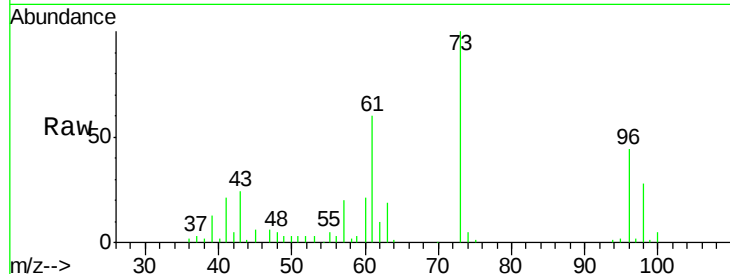
#19
Methvl tert-butvl Ether
Concen: 53.140 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD066427.D
Acq: 26 Aug 2020 18:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 178062
Ion Ratio Lower Upper
73 100
57 20.4 13.8 20.6

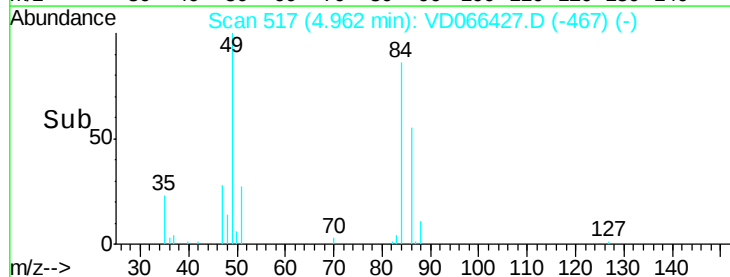
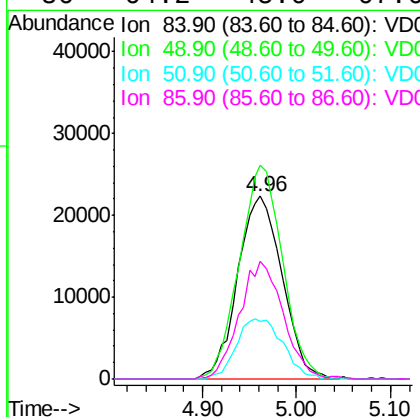
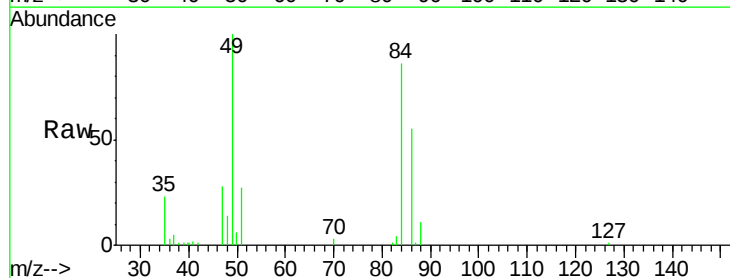
Manual Integrations
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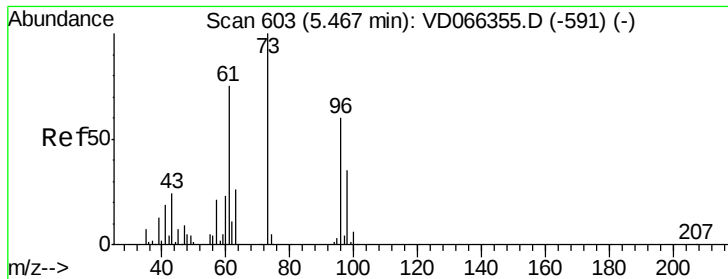
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#20
Methylene Chloride
Concen: 44.783 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066427.D
Acq: 26 Aug 2020 18:17

Tgt Ion: 84 Resp: 73285
Ion Ratio Lower Upper
84 100
49 116.9 92.5 138.7
51 31.4 32.5 48.7#
86 64.2 45.0 67.6





#21

trans-1,2-Dichloroethene

Concen: 45.925 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD066427.D

Acq: 26 Aug 2020 18:17

Instrument :

MSVOA_D

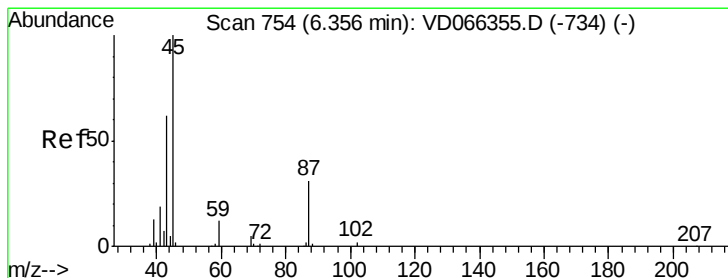
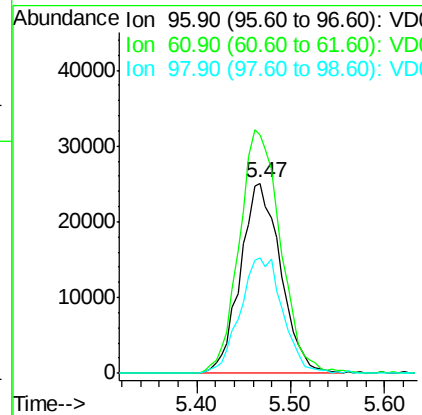
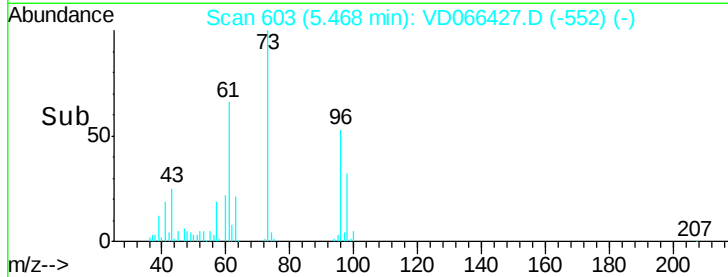
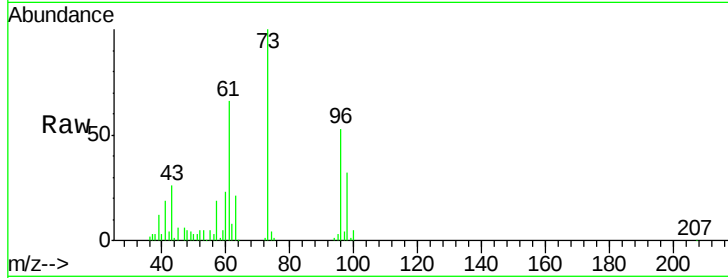
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	125.2	101.1	151.7
98	60.8	47.0	70.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 45.051 ug/l

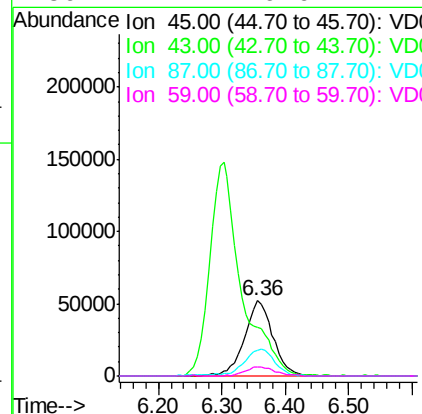
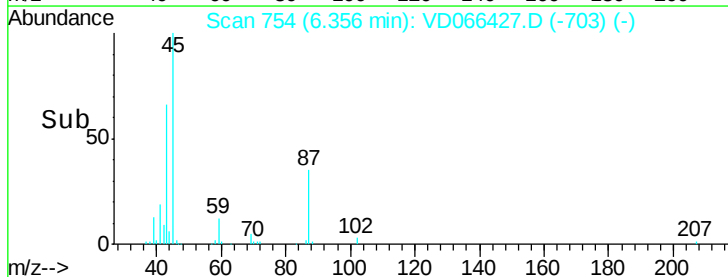
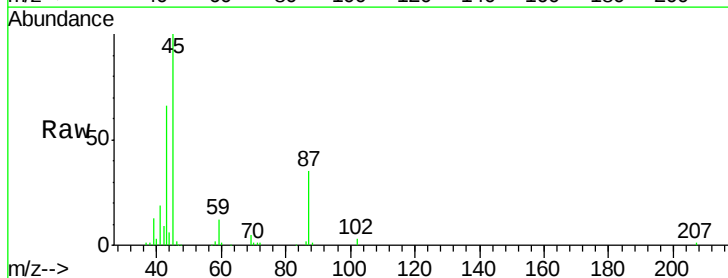
RT: 6.36 min Scan# 754

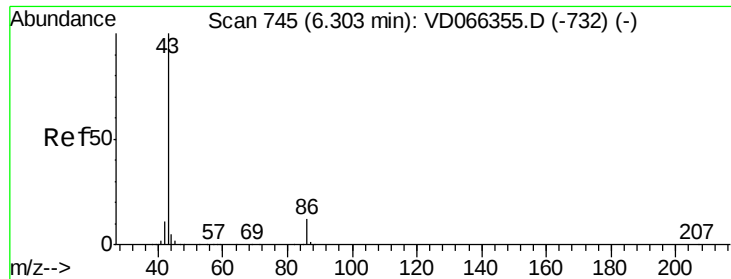
Delta R.T. 0.00 min

Lab File: VD066427.D

Acq: 26 Aug 2020 18:17

Tgt Ion	Ratio	Lower	Upper
45	100		
43	64.7	49.8	74.8
87	34.7	25.0	37.6
59	12.1	9.6	14.4





#23

Vinyl Acetate

Concen: 231.740 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066427.D

Acq: 26 Aug 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 515917

Ion Ratio Lower Upper

43 100

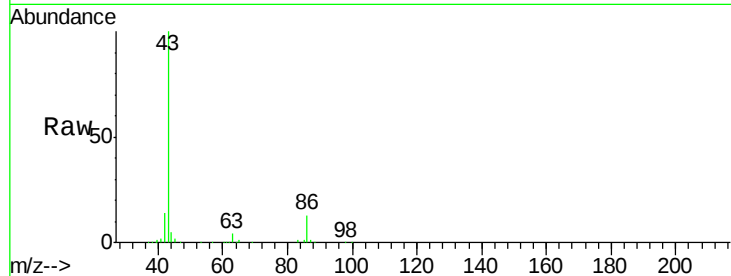
86 13.3 9.4 14.0

Manual Integrations

APPROVED

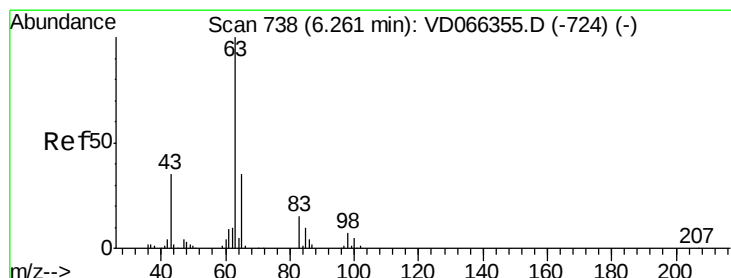
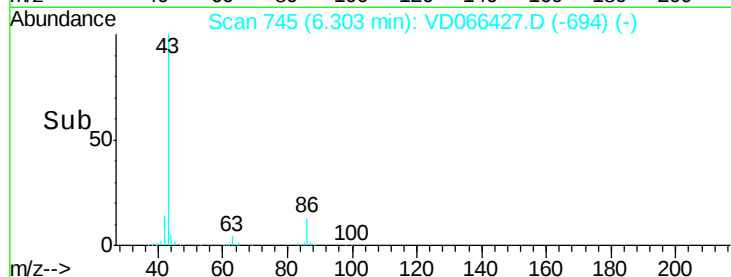
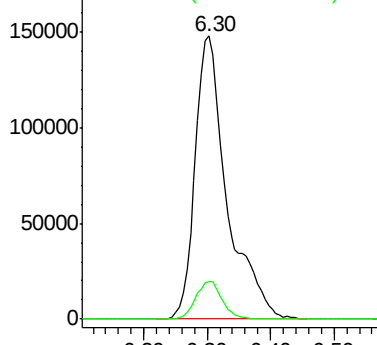
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 46.277 ug/l

RT: 6.26 min Scan# 737

Delta R.T. -0.01 min

Lab File: VD066427.D

Acq: 26 Aug 2020 18:17

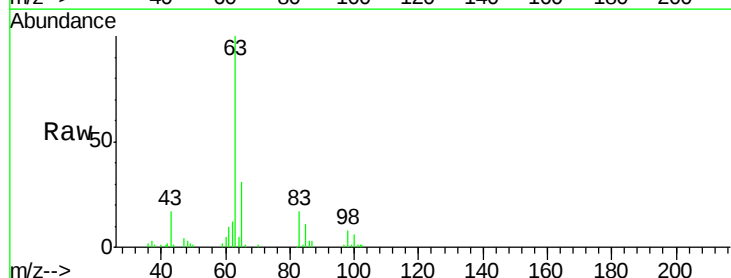
Tgt Ion: 63 Resp: 117606

Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.6

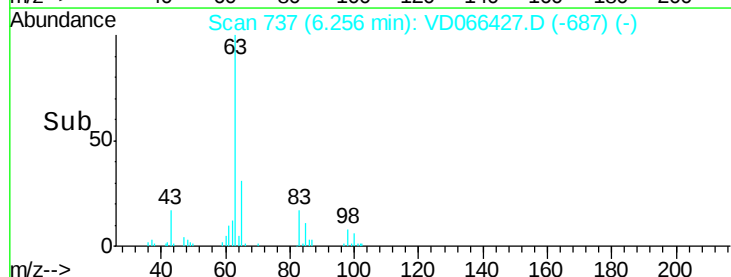
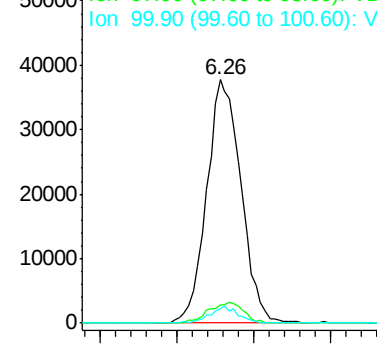
100 5.7 2.5 7.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 221.138 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD066427.D

Acq: 26 Aug 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 75762

Ion Ratio Lower Upper

43 100

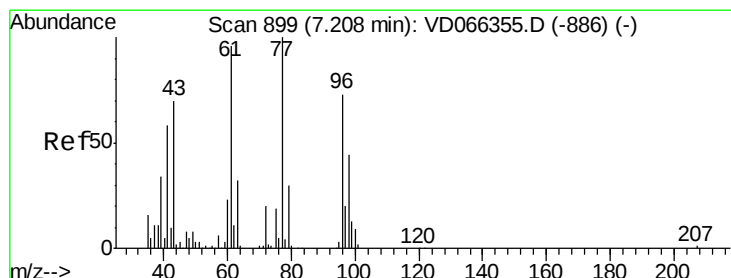
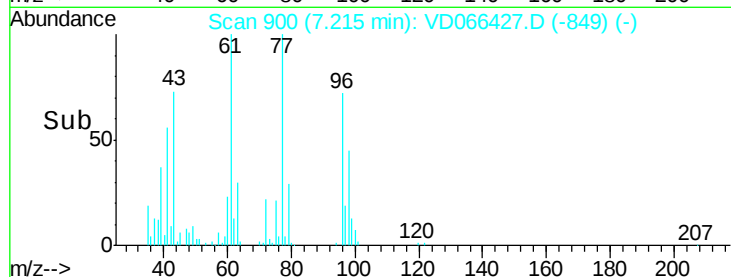
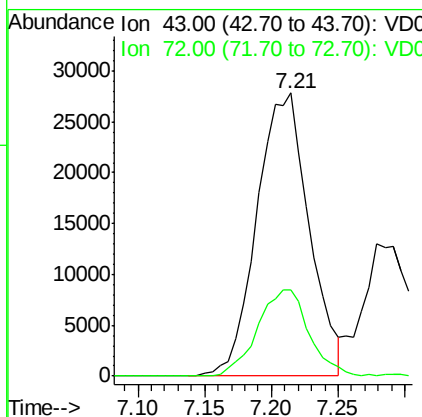
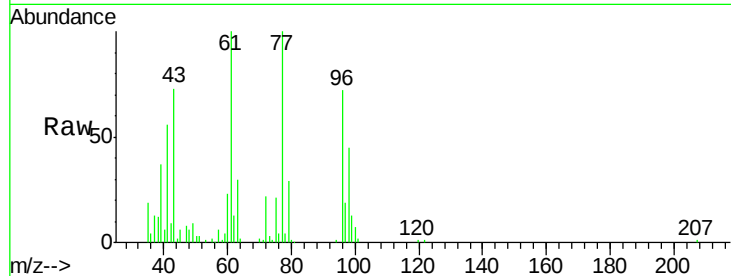
72 30.3 22.5 33.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 45.845 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066427.D

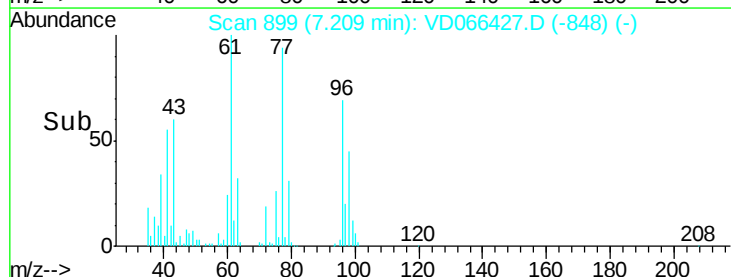
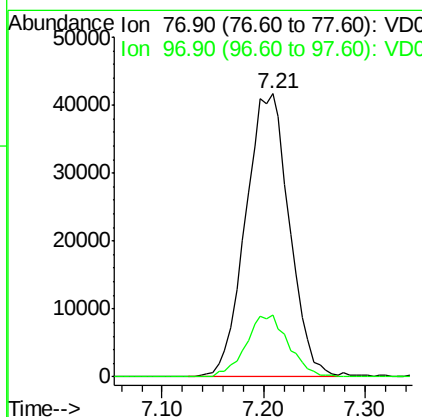
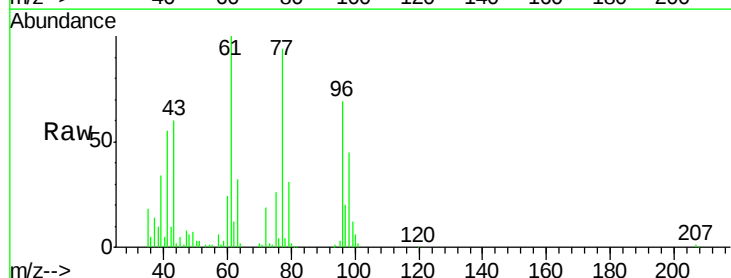
Acq: 26 Aug 2020 18:17

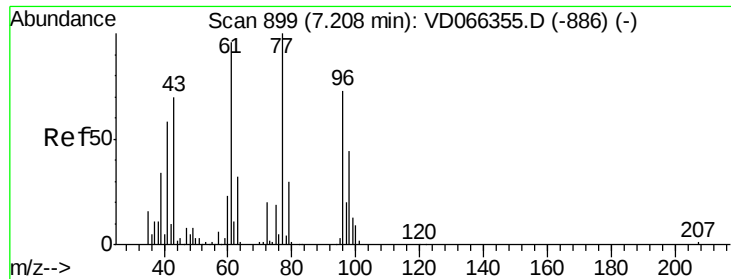
Tgt Ion: 77 Resp: 124873

Ion Ratio Lower Upper

77 100

97 21.2 10.7 31.9





#27

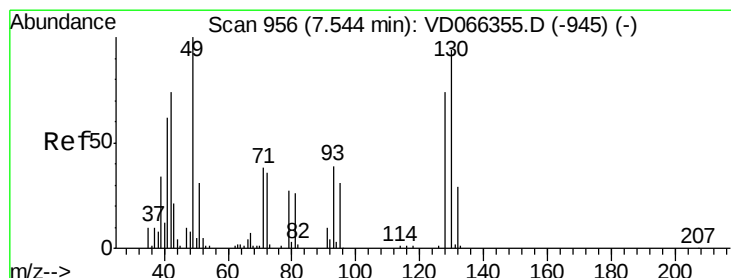
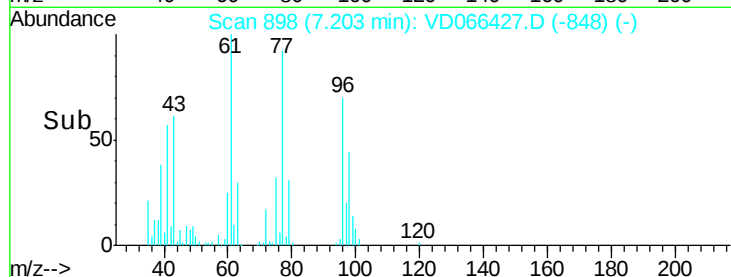
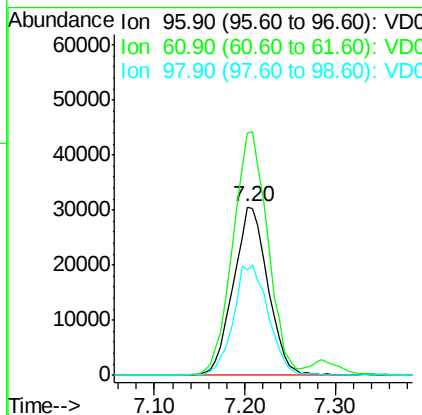
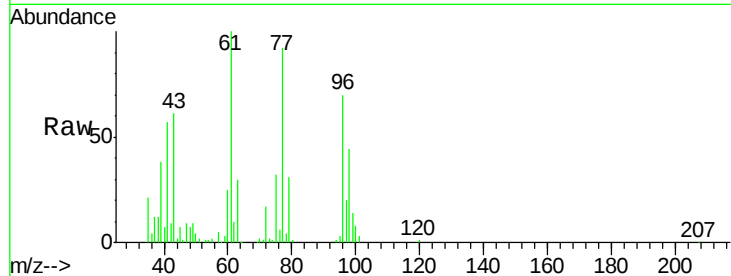
cis-1,2-Dichloroethene
 Concen: 46.692 ug/l
 RT: 7.20 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VD066427.D
 Acq: 26 Aug 2020 18:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.4	0.0	281.4
98	66.8	0.0	132.2

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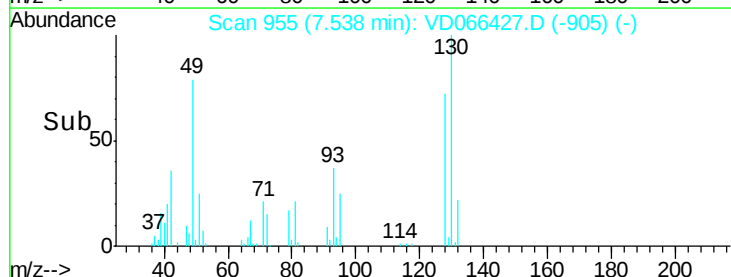
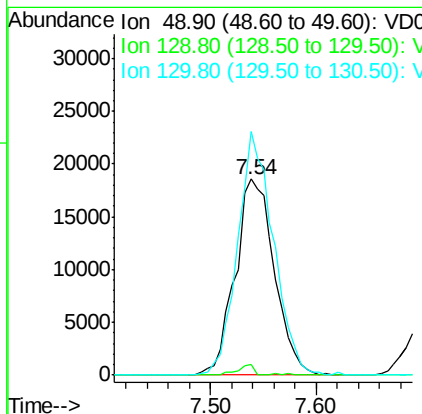
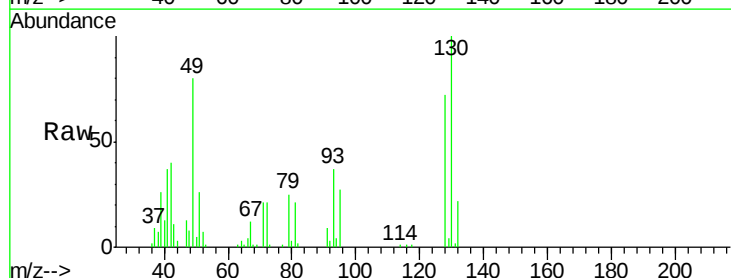
MMDadoda
 8/27/2020 3:08:42 PM

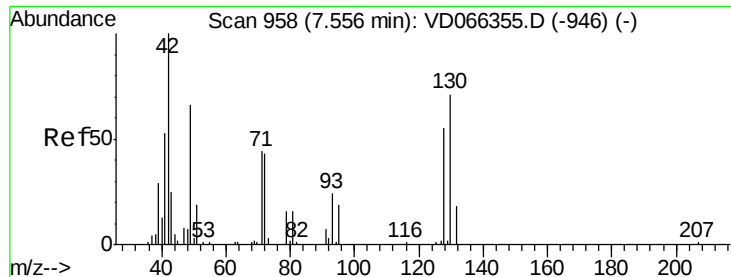


#28

Bromochloromethane
 Concen: 54.521 ug/l
 RT: 7.54 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: VD066427.D
 Acq: 26 Aug 2020 18:17

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.0
130	113.4	82.6	124.0





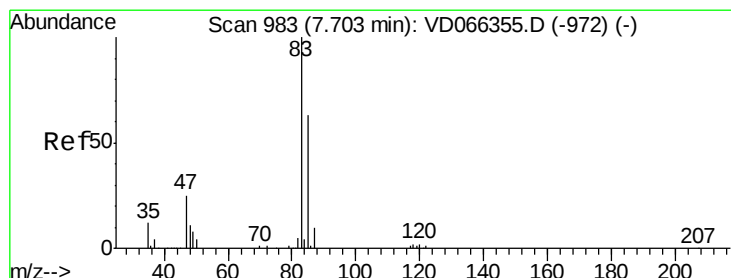
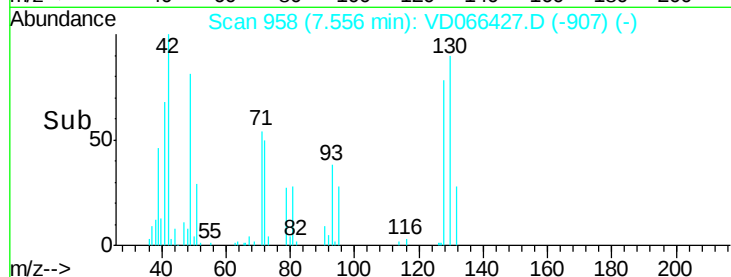
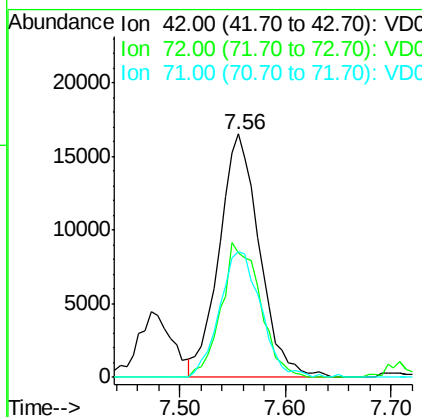
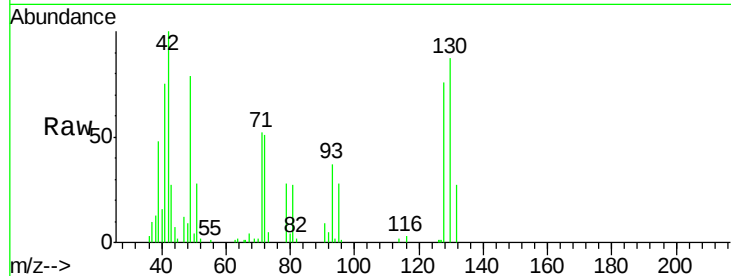
#29
Tetrahydrofuran
Concen: 224.125 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.00 min
Lab File: VD066427.D
Acq: 26 Aug 2020 18:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	53.2	41.0	61.4
71	52.9	37.2	55.8

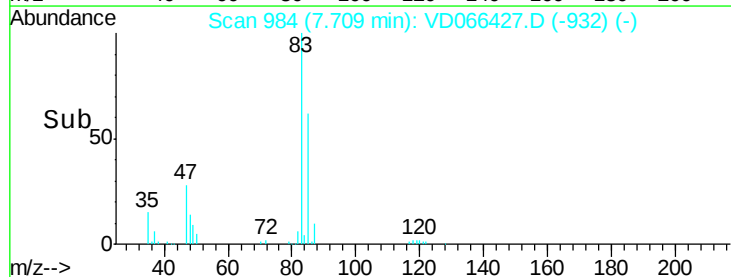
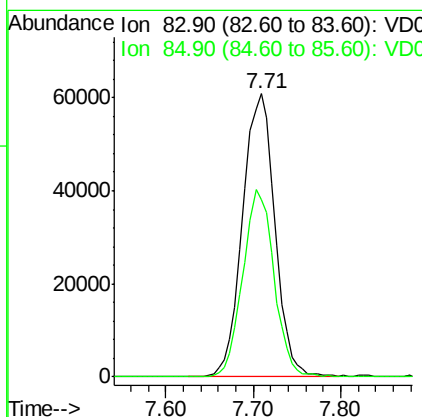
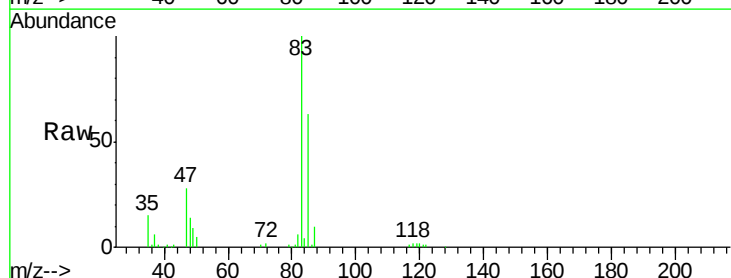
Manual Integrations
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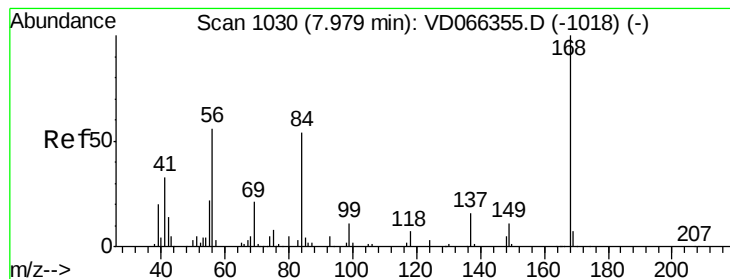
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#30
Chloroform
Concen: 51.737 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.01 min
Lab File: VD066427.D
Acq: 26 Aug 2020 18:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.6	50.3	75.5





#31

Cyclohexane

Concen: 37.660 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066427.D

Acq: 26 Aug 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 87533

Ion Ratio Lower Upper

56 100

69 40.5 29.6 44.4

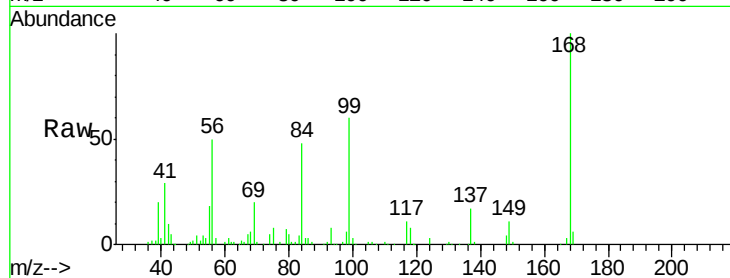
84 94.2 76.6 115.0

Manual Integrations

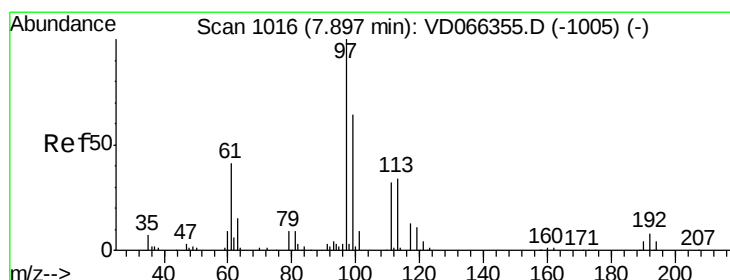
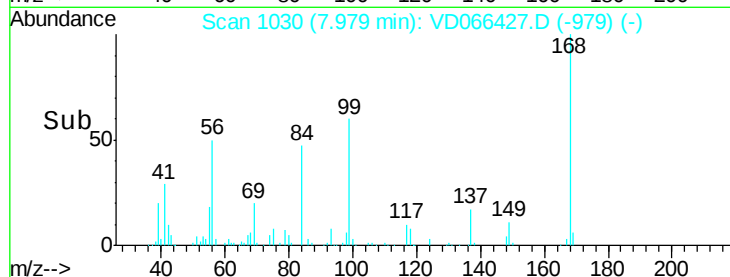
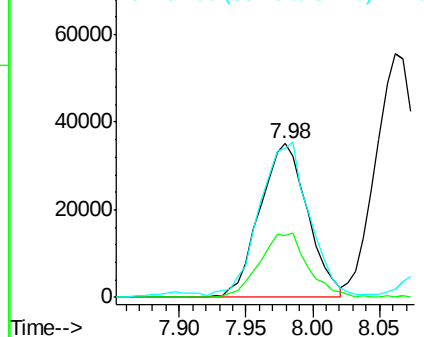
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Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC



#32

1,1,1-Trichloroethane

Concen: 50.483 ug/l

RT: 7.90 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VD066427.D

Acq: 26 Aug 2020 18:17

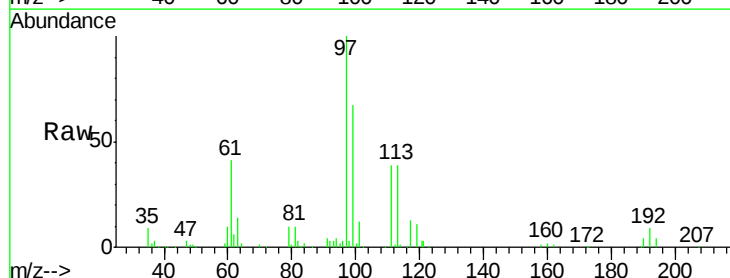
Tgt Ion: 97 Resp: 151919

Ion Ratio Lower Upper

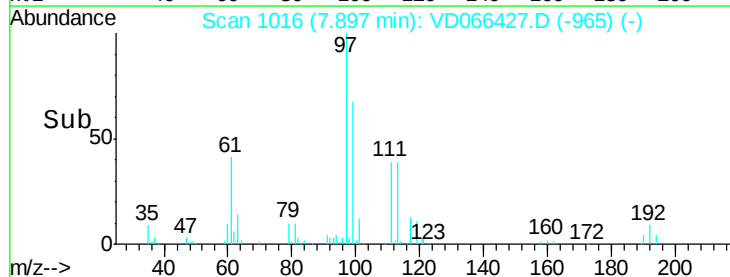
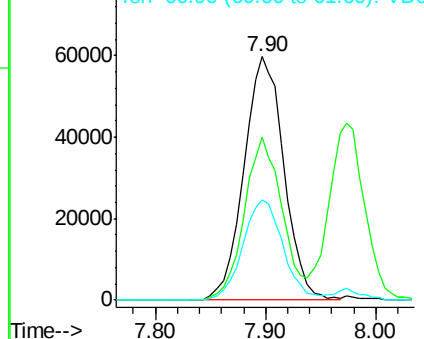
97 100

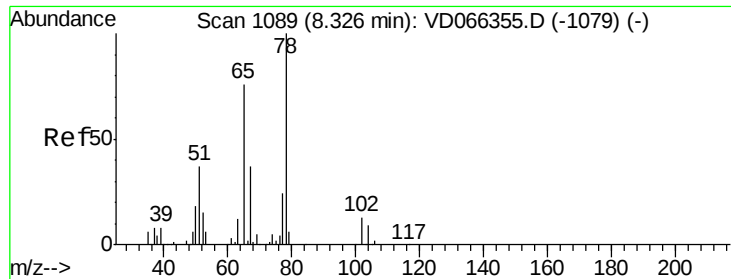
99 63.9 51.5 77.3

61 41.4 33.3 49.9



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 59.340 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VD066427.D

Acq: 26 Aug 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 99332

Ion Ratio Lower Upper

65 100

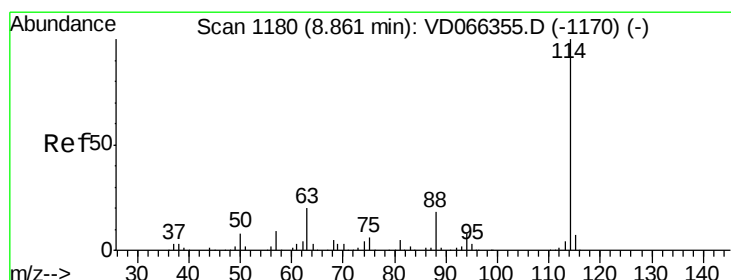
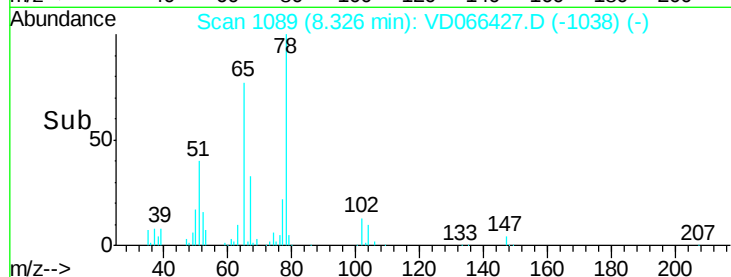
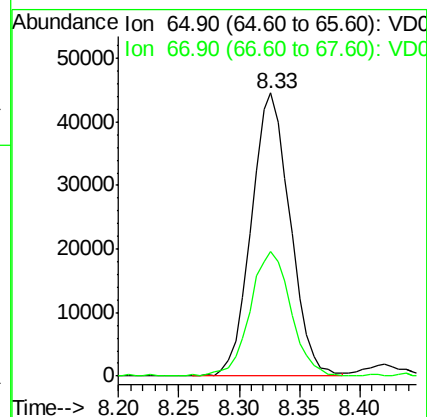
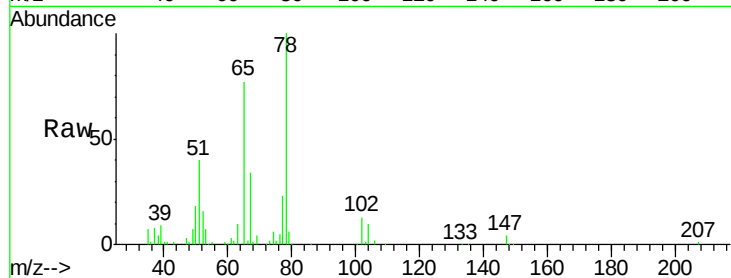
67 46.3 0.0 101.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066427.D

Acq: 26 Aug 2020 18:17

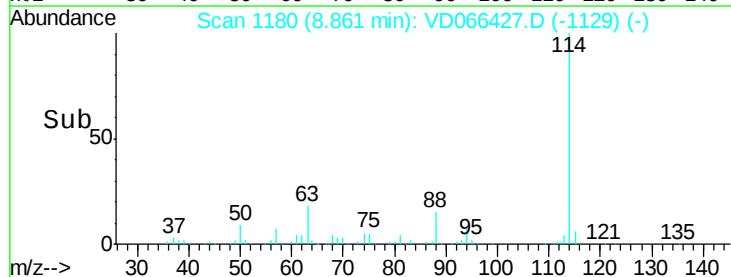
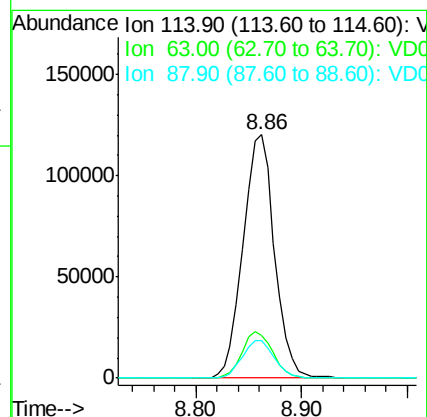
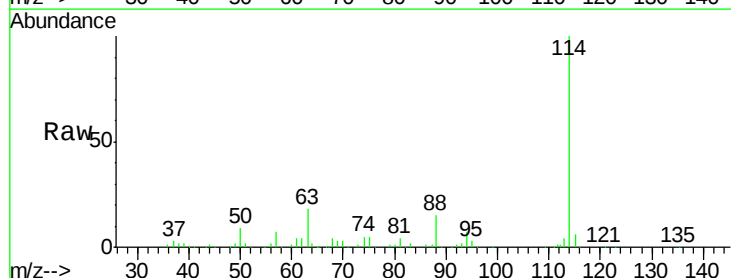
Tgt Ion: 114 Resp: 248090

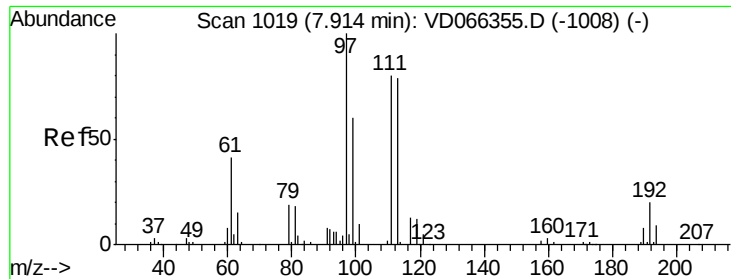
Ion Ratio Lower Upper

114 100

63 17.7 0.0 40.8

88 15.4 0.0 35.4





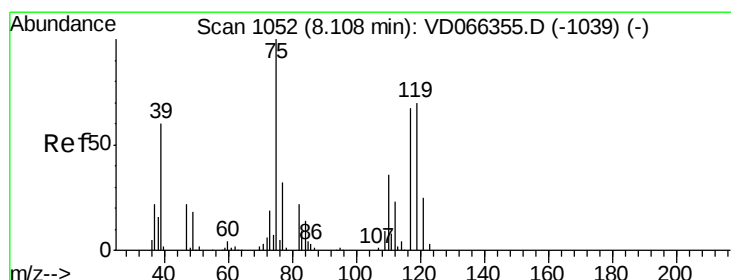
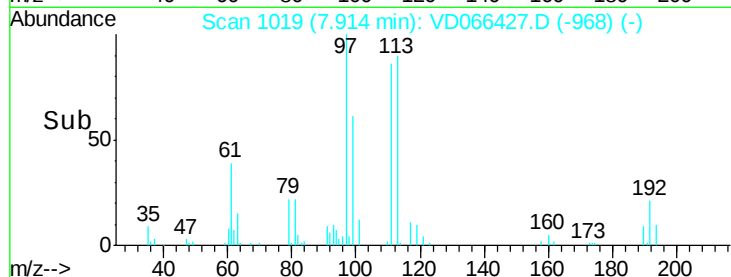
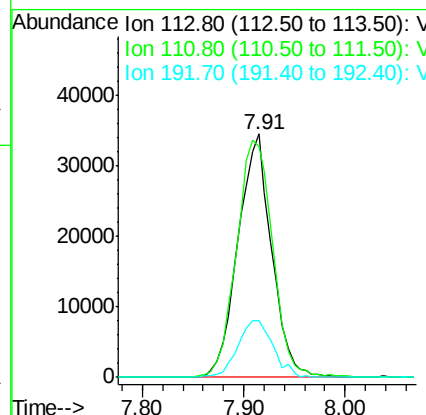
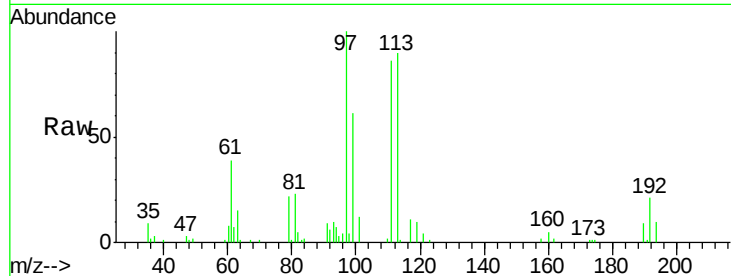
#35
 Dibromofluoromethane
 Concen: 51.155 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD066427.D
 Acq: 26 Aug 2020 18:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	79358		
111	105.3		80.3	120.5
192	24.5		19.0	28.6

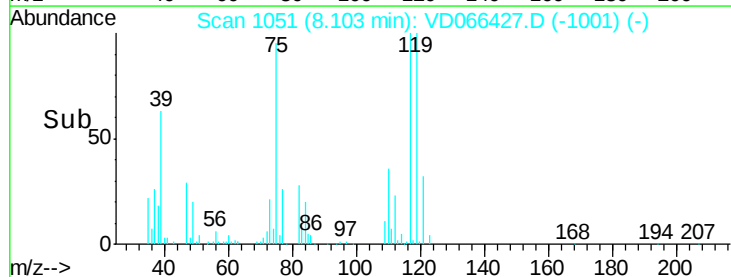
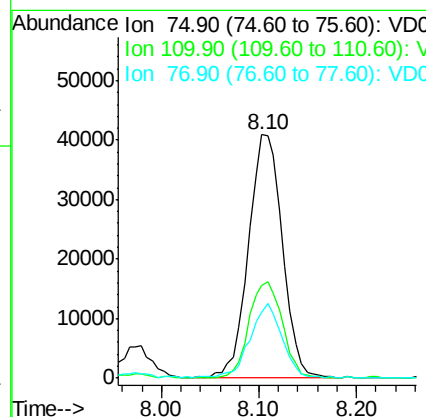
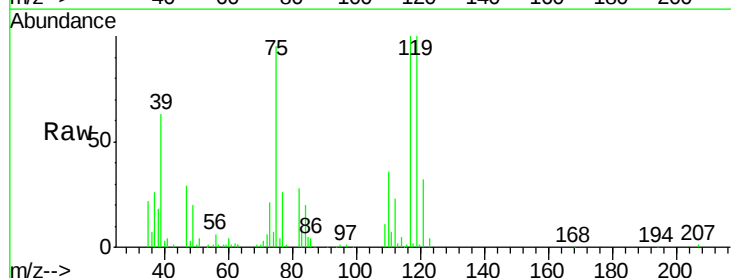
Manual Integrations
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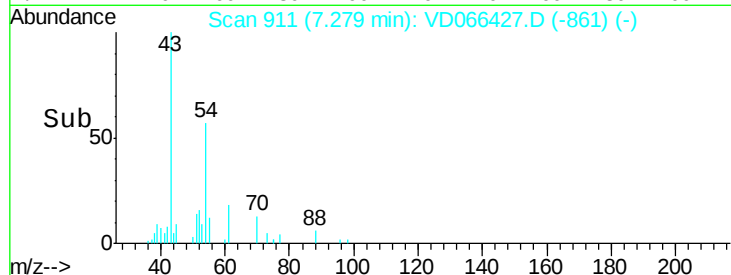
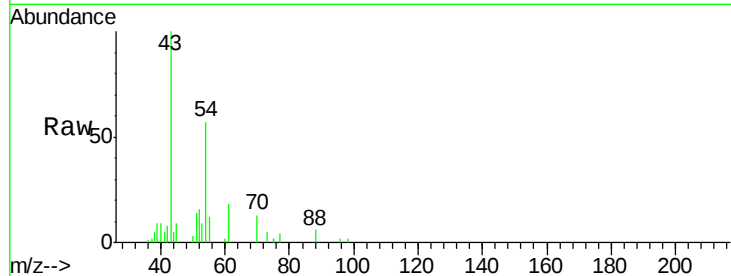
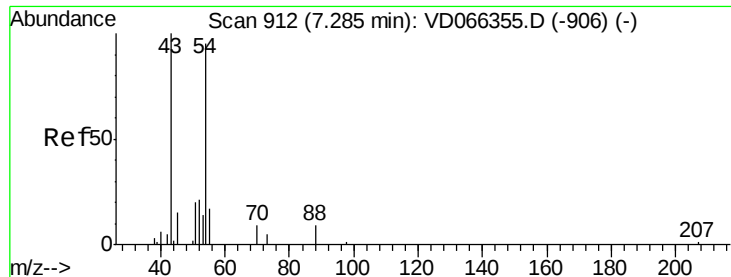
MMDadoda
 8/27/2020 3:08:42 PM



#36
 1,1-Dichloropropene
 Concen: 43.843 ug/l
 RT: 8.10 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VD066427.D
 Acq: 26 Aug 2020 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	99246		
110	38.9		18.7	56.1
77	29.0		25.2	37.8





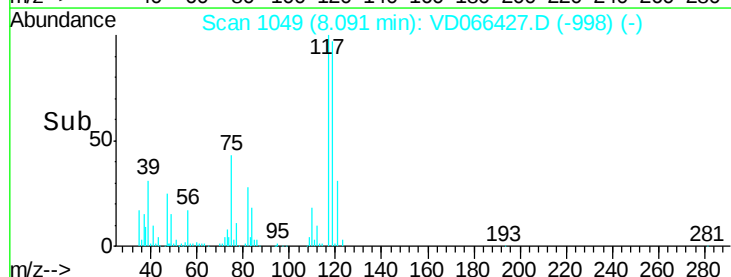
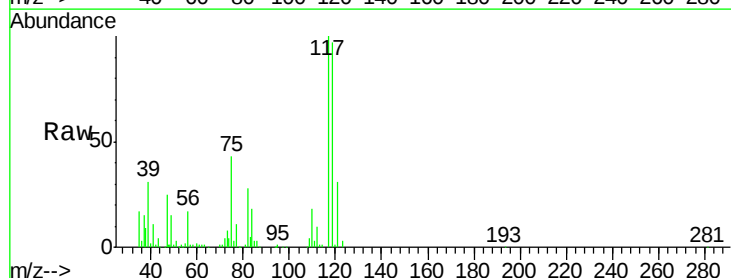
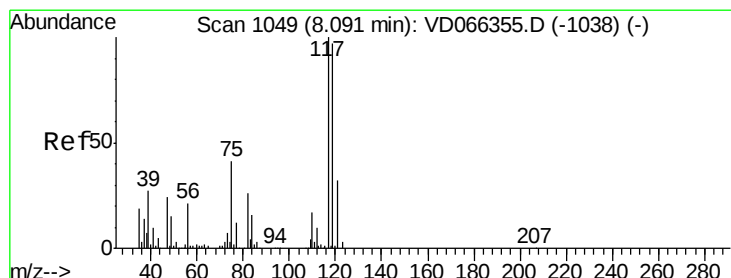
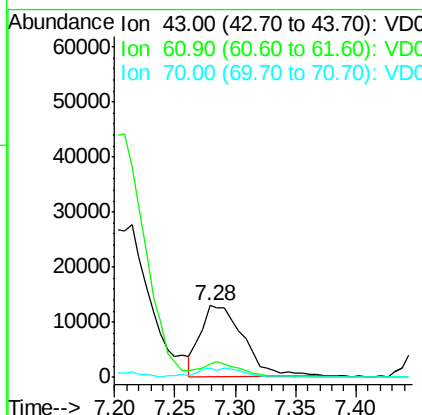
#37
Ethyl Acetate
Concen: 41.241 ug/l
RT: 7.28 min Scan# 911
Delta R.T. -0.01 min
Lab File: VD066427.D
Acq: 26 Aug 2020 18:17

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.1	13.3	19.9#
70	14.5	3.5	5.3#

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

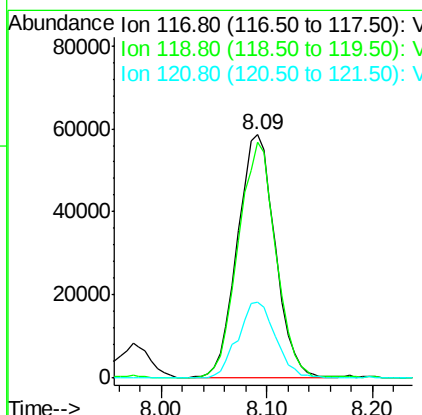
Manual Integrations
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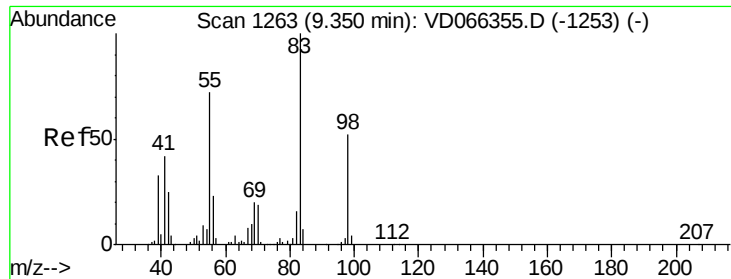
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#38
Carbon Tetrachloride
Concen: 49.448 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066427.D
Acq: 26 Aug 2020 18:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	77.2	115.8
121	31.3	25.8	38.8





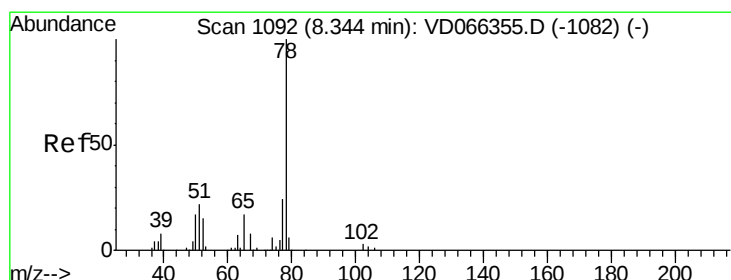
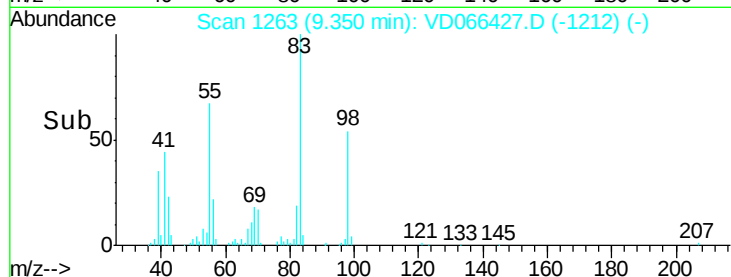
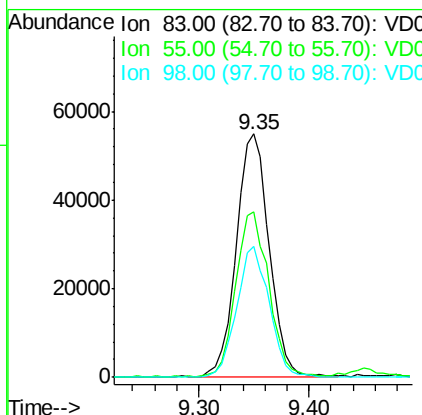
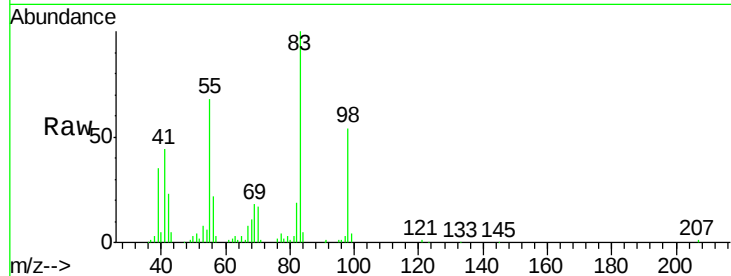
#39
Methvlcvclohexane
Concen: 43.236 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066427.D
Acq: 26 Aug 2020 18:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.4	58.0	87.0
98	53.5	41.9	62.9

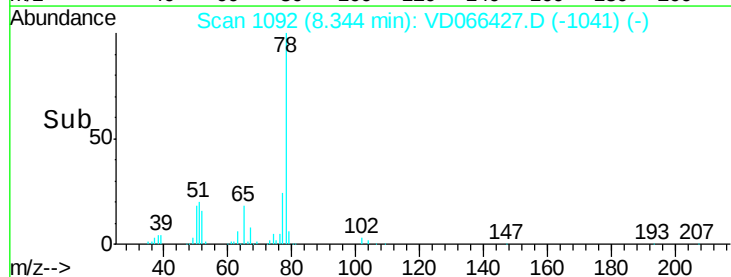
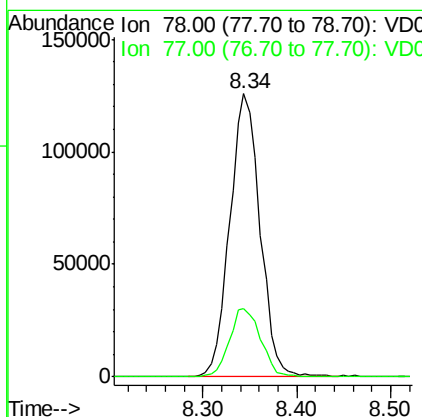
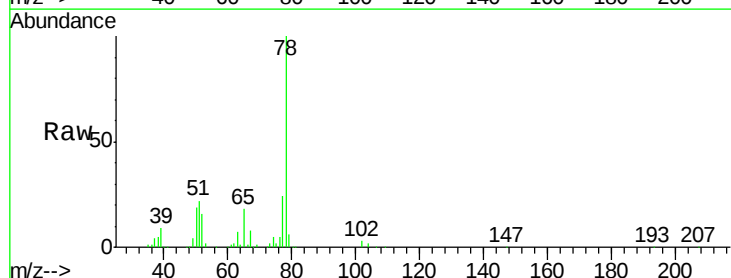
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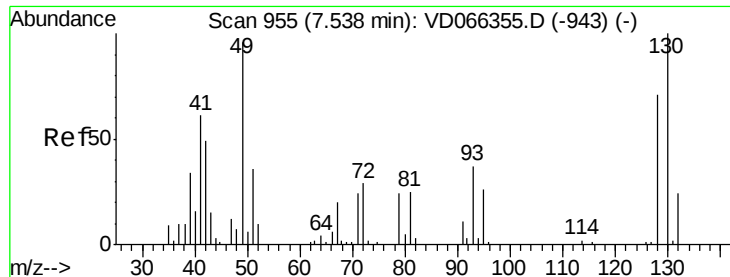
MMDadoda
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#40
Benzene
Concen: 47.099 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066427.D
Acq: 26 Aug 2020 18:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.8	28.2





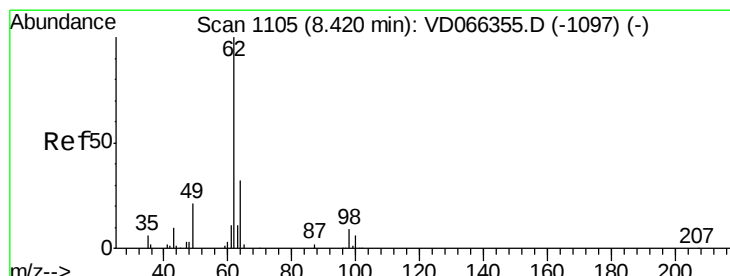
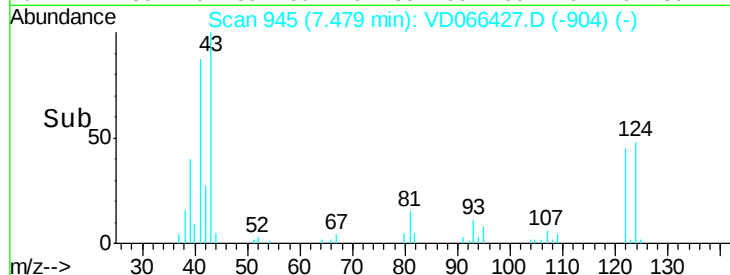
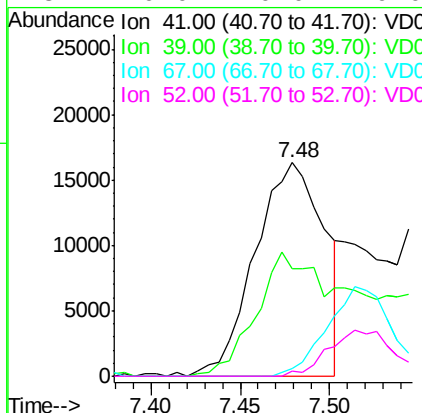
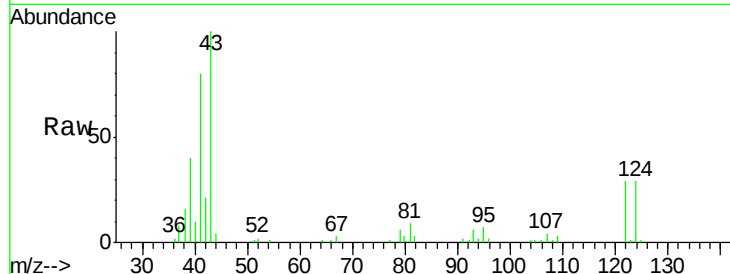
#41
Methacrylonitrile
Concen: 92.452 ug/l m
RT: 7.48 min Scan# 945
Delta R.T. -0.06 min
Lab File: VD066427.D
Acq: 26 Aug 2020 18:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	43895
Ion	Ratio	Lower	Upper
41	100		
39	0.0	51.8	77.8#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

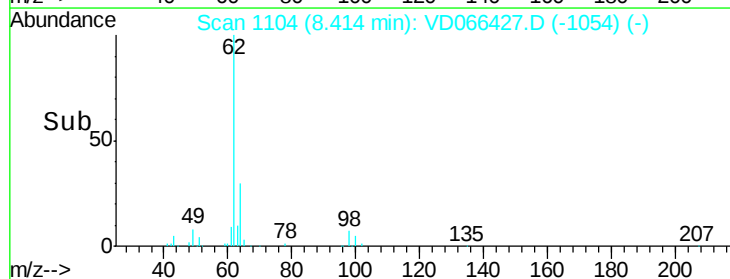
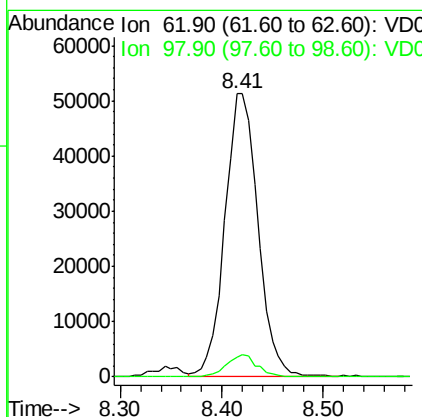
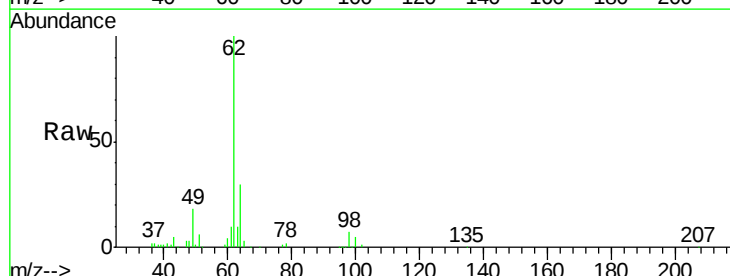
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#42
1,2-Dichloroethane
Concen: 55.111 ug/l
RT: 8.41 min Scan# 1104
Delta R.T. -0.01 min
Lab File: VD066427.D
Acq: 26 Aug 2020 18:17

Tgt Ion:	62	Resp:	115588
Ion	Ratio	Lower	Upper
62	100		
98	7.3	0.0	16.2





#43

Isopropyl Acetate

Concen: 47.774 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066427.D

Acq: 26 Aug 2020 18:17

Instrument :

MSVOA_D

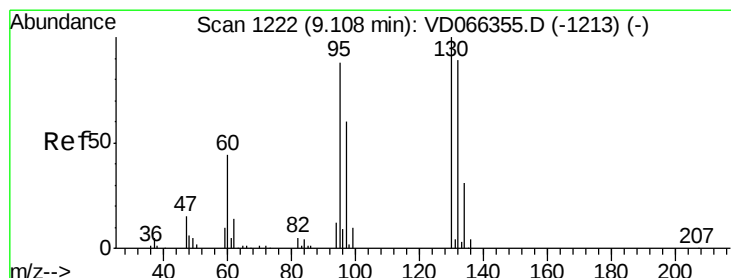
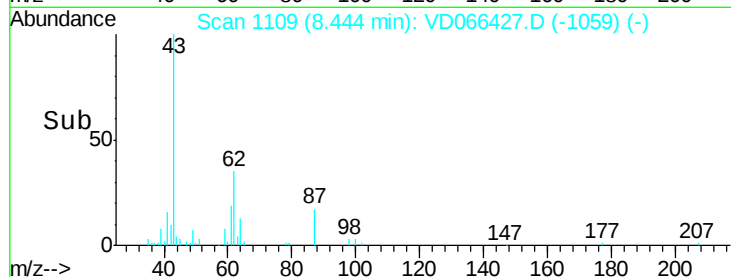
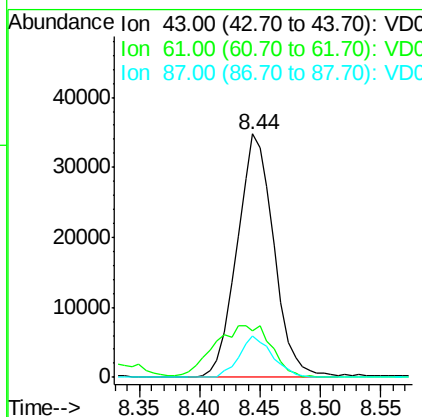
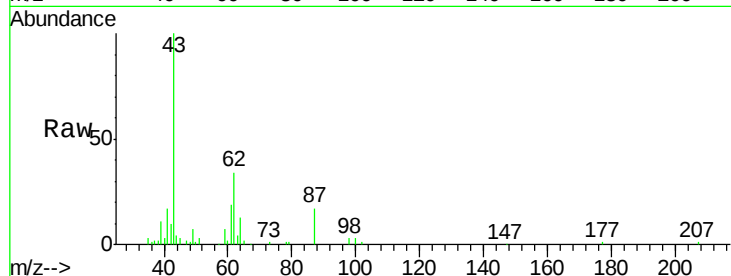
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	73826
Ion	Ratio	Lower	Upper
43	100		
61	33.1	26.5	39.7
87	15.1	11.9	17.9

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#44

Trichloroethene

Concen: 48.310 ug/l

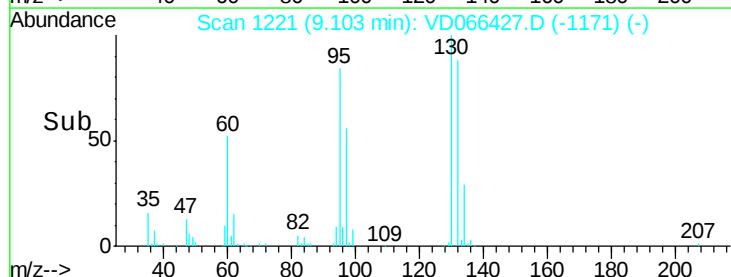
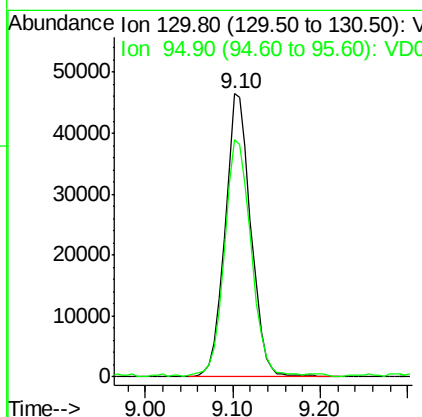
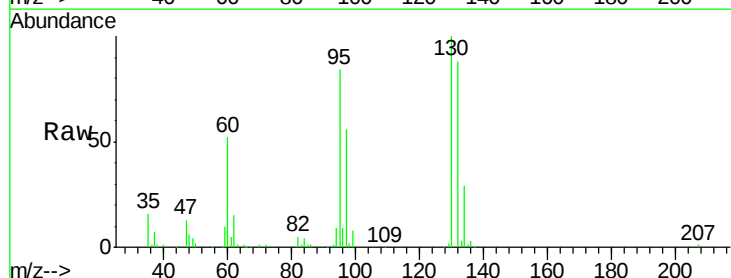
RT: 9.10 min Scan# 1221

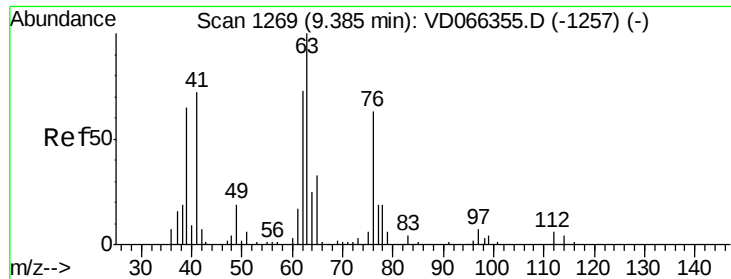
Delta R.T. -0.01 min

Lab File: VD066427.D

Acq: 26 Aug 2020 18:17

Tgt Ion:	130	Resp:	93480
Ion	Ratio	Lower	Upper
130	100		
95	84.0	0.0	175.6





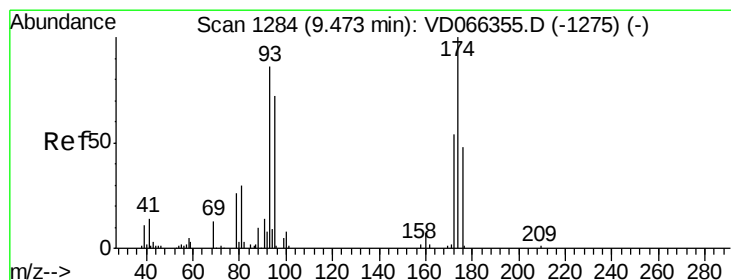
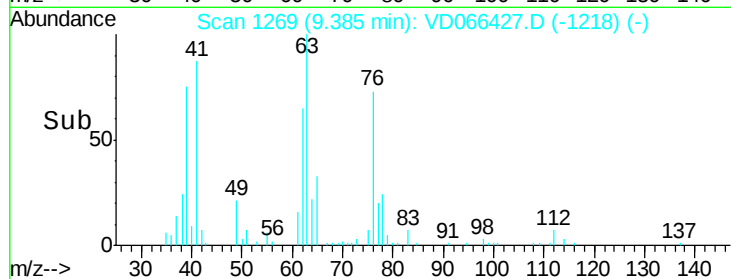
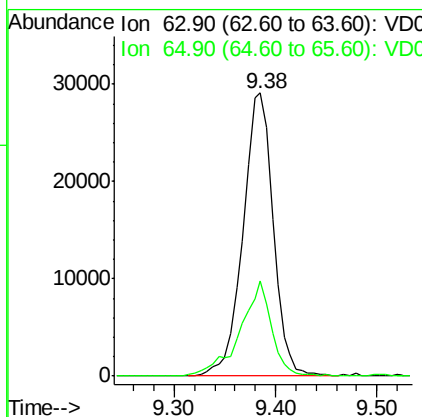
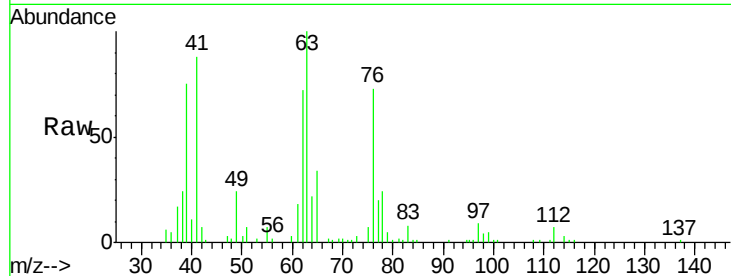
#45
 1,2-Dichloropropane
 Concen: 44.741 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD066427.D
 Acq: 26 Aug 2020 18:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	63	Resp	60401
Ion Ratio	Lower	Upper	
63	100		
65	33.5	26.4	39.6

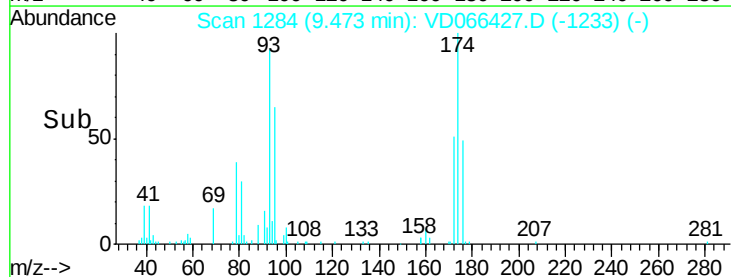
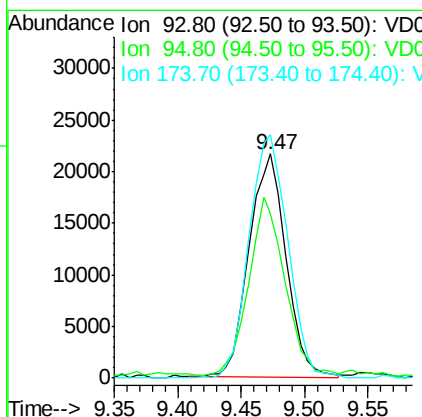
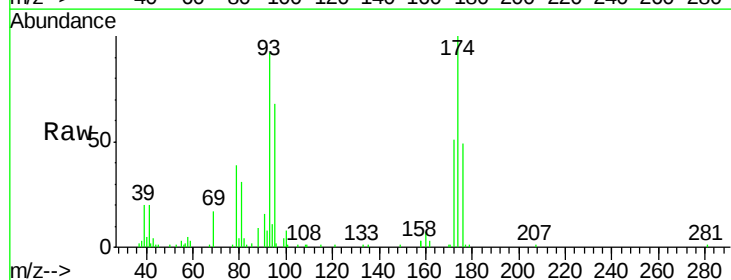
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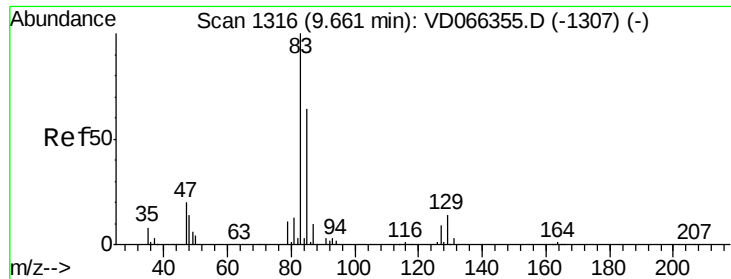
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#46
 Dibromomethane
 Concen: 52.238 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD066427.D
 Acq: 26 Aug 2020 18:17

Tgt Ion	93	Resp	43909
Ion Ratio	Lower	Upper	
93	100		
95	77.5	66.0	99.0
174	114.4	94.6	141.8





#47

Bromodichloromethane

Concen: 52.221 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066427.D

Acq: 26 Aug 2020 18:17

Instrument :

MSVOA_D

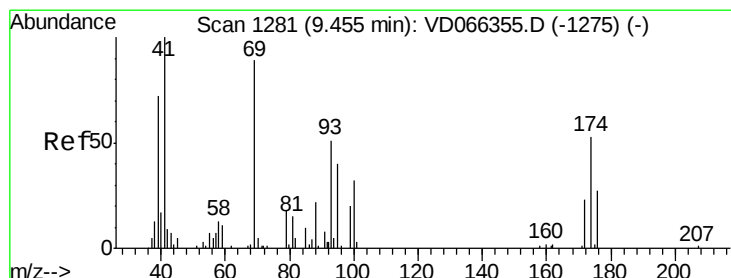
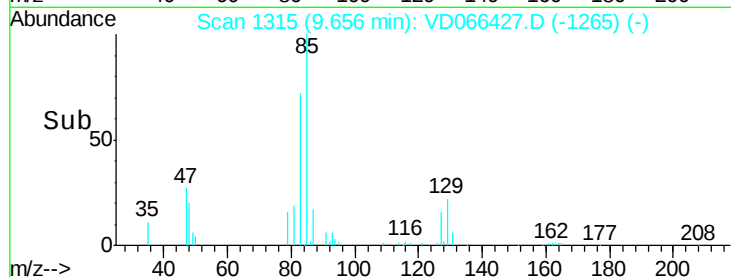
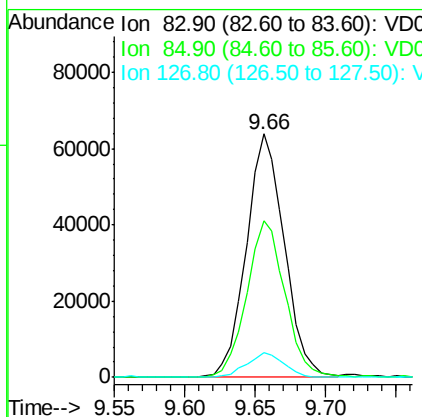
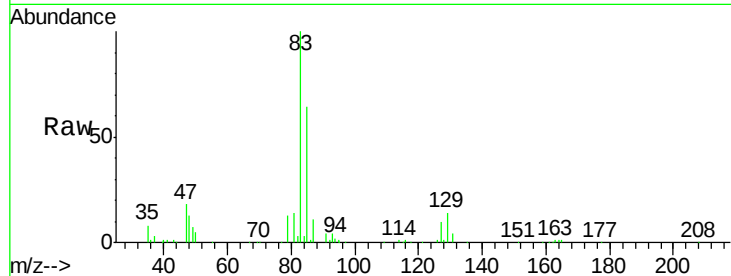
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	120713
Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.4	77.0
127	9.9	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 46.239 ug/l

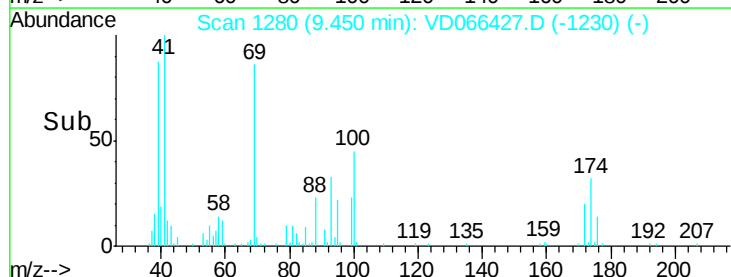
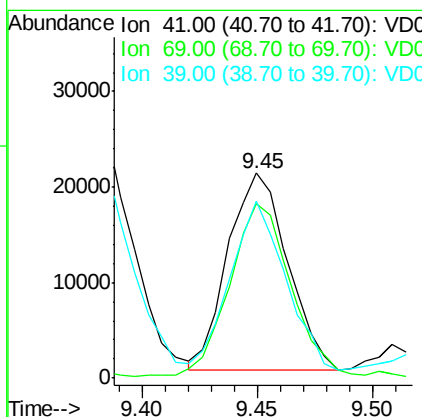
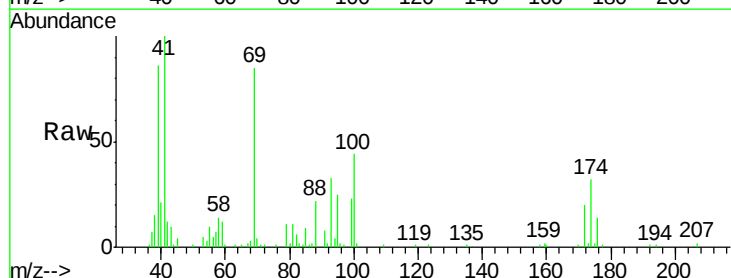
RT: 9.45 min Scan# 1280

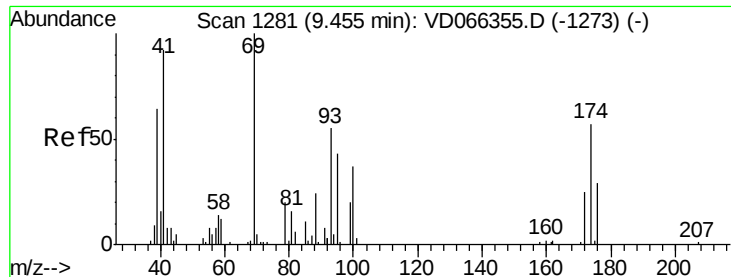
Delta R.T. -0.01 min

Lab File: VD066427.D

Acq: 26 Aug 2020 18:17

Tgt Ion:	41	Resp:	36846
Ion	Ratio	Lower	Upper
41	100		
69	91.2	75.5	113.3
39	86.7	57.0	85.4#





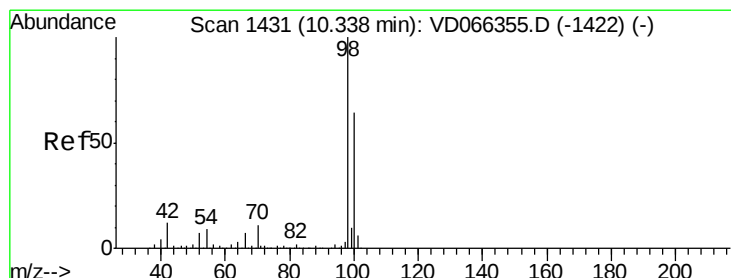
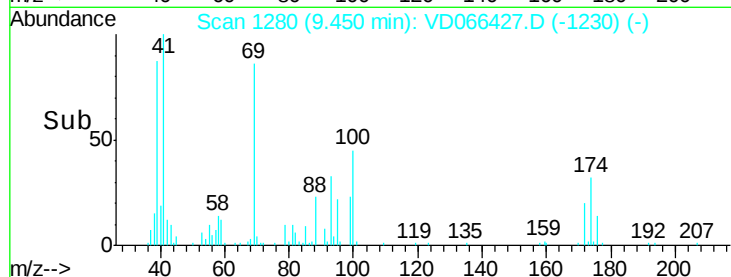
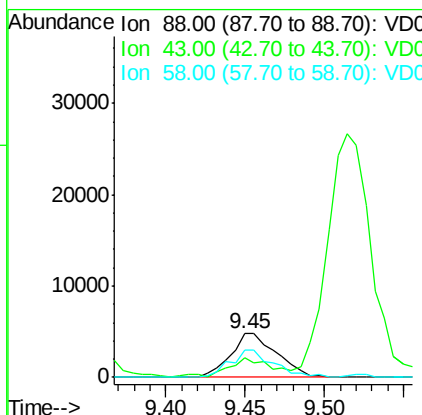
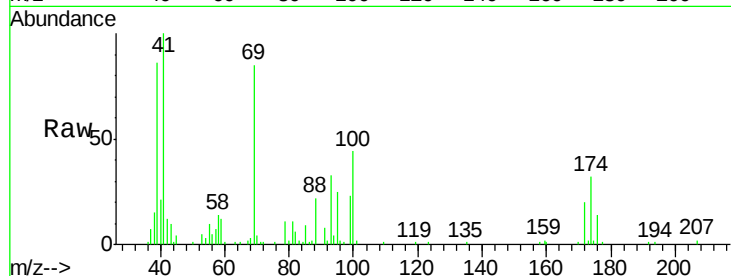
#49
 1,4-Dioxane
 Concen: 986.970 ug/l
 RT: 9.45 min Scan# 1280
 Delta R.T. -0.01 min
 Lab File: VD066427.D
 Acq: 26 Aug 2020 18:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	88	Resp	9633
Ion	Ratio	Lower	Upper
88	100		
43	40.6	29.4	44.0
58	59.4	45.4	68.2

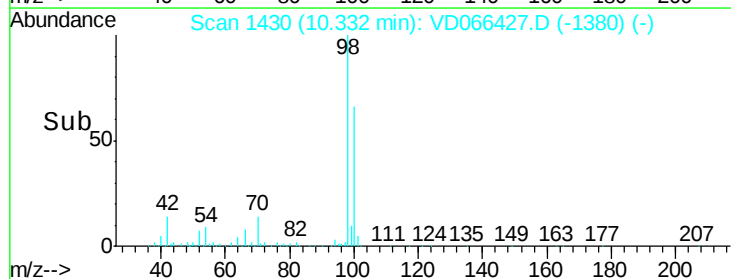
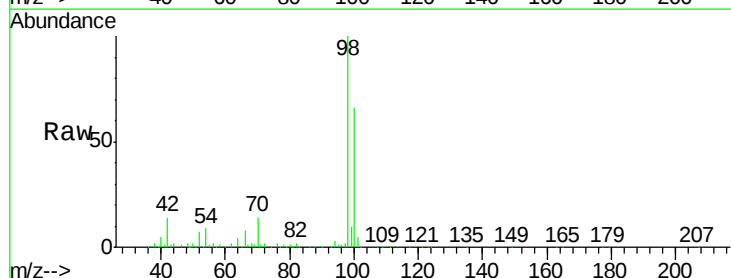
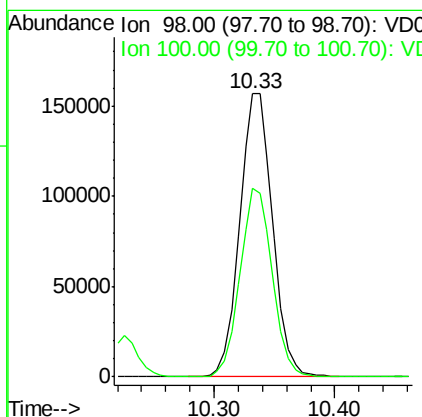
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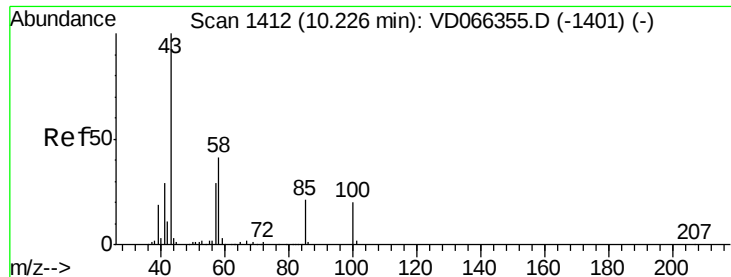
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#50
 Toluene-d8
 Concen: 52.353 ug/l
 RT: 10.33 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: VD066427.D
 Acq: 26 Aug 2020 18:17

Tgt Ion	98	Resp	297162
Ion	Ratio	Lower	Upper
98	100		
100	65.2	53.0	79.4





#51

4-Methyl-2-Pentanone

Concen: 241.943 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066427.D

Acq: 26 Aug 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 180867

Ion Ratio Lower Upper

43 100

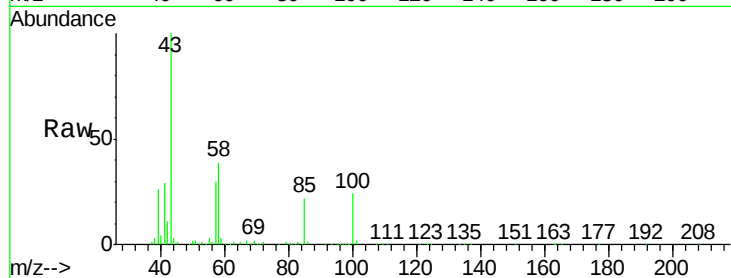
58 38.7 31.4 47.2

Manual Integrations

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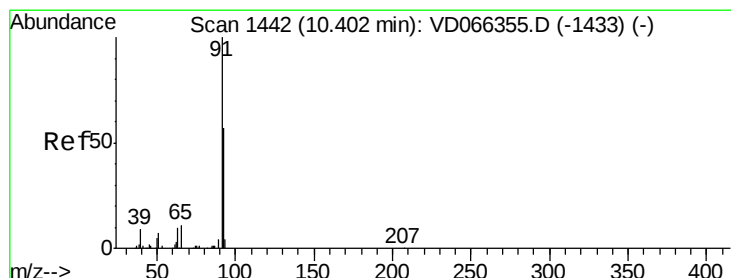
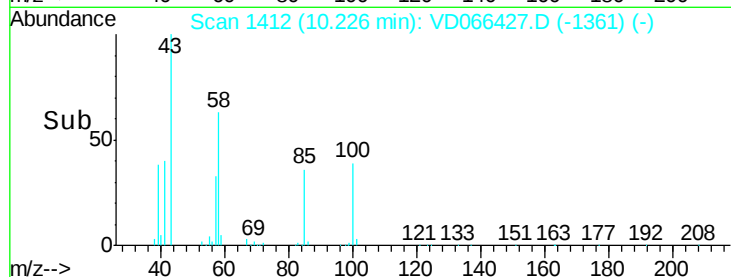
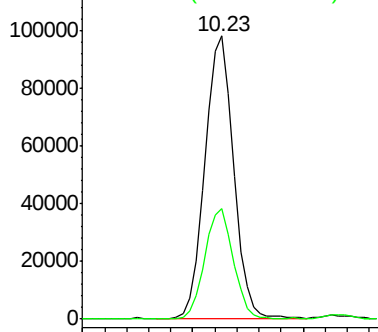
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 48.768 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066427.D

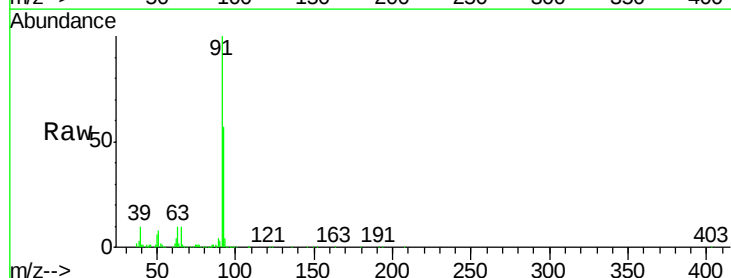
Acq: 26 Aug 2020 18:17

Tgt Ion: 92 Resp: 196755

Ion Ratio Lower Upper

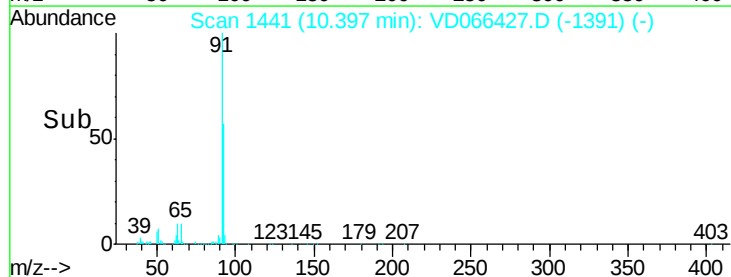
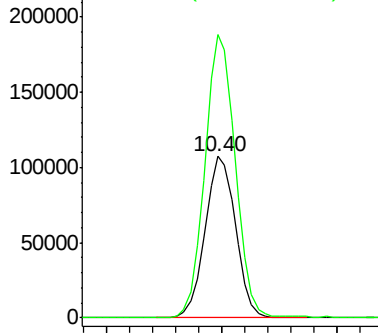
92 100

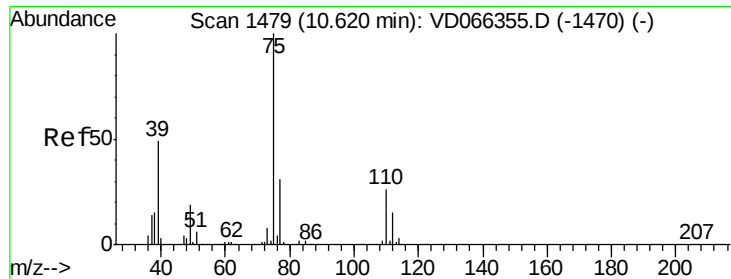
91 174.8 135.8 203.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





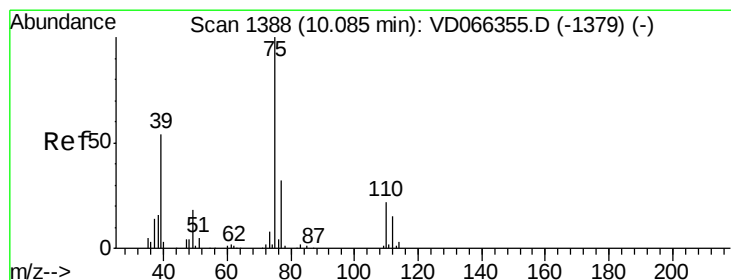
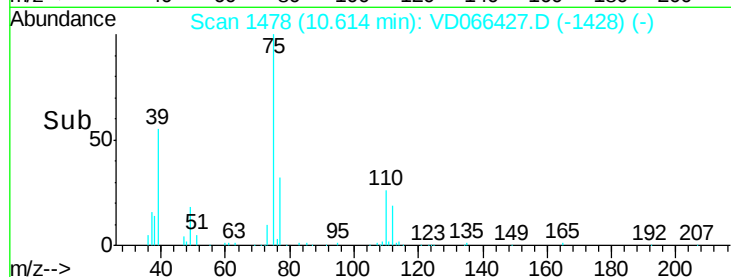
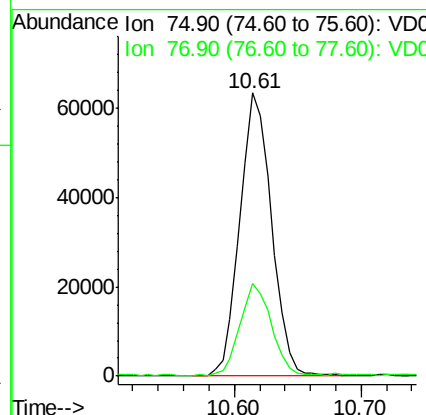
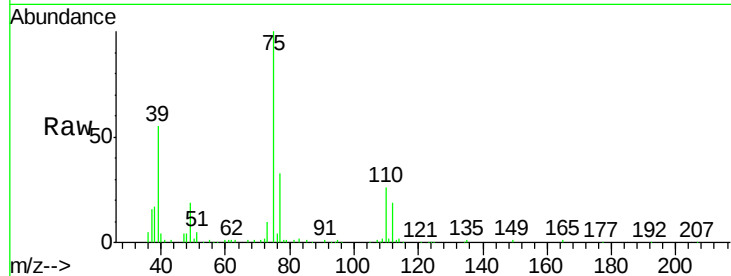
#53
t-1,3-Dichloropropene
Concen: 50.202 ug/l
RT: 10.61 min Scan# 1478
Delta R.T. -0.01 min
Lab File: VD066427.D
Acq: 26 Aug 2020 18:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 110113
Ion Ratio Lower Upper
75 100
77 32.6 24.5 36.7

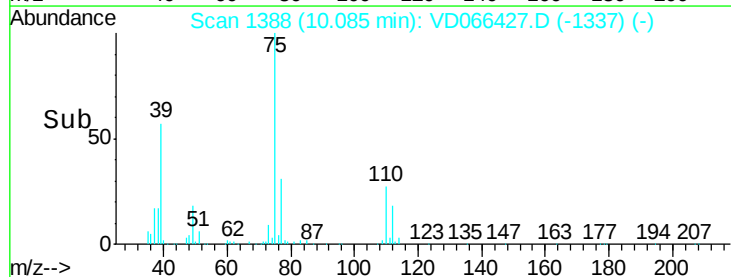
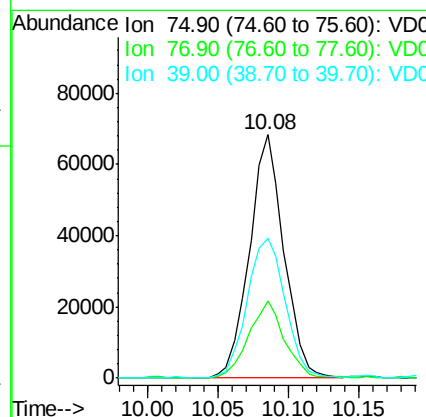
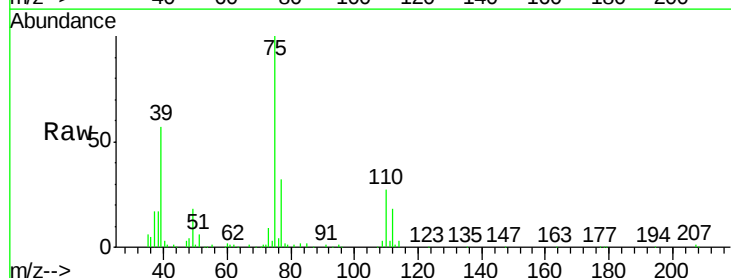
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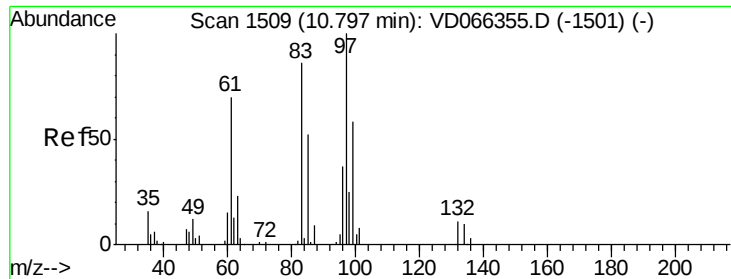
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#54
cis-1,3-Dichloropropene
Concen: 47.657 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VD066427.D
Acq: 26 Aug 2020 18:17

Tgt Ion: 75 Resp: 117332
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4
39 57.0 43.4 65.0





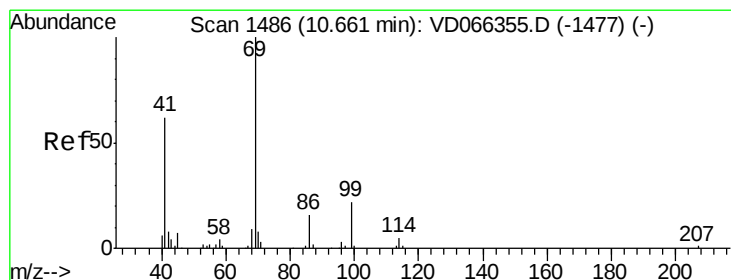
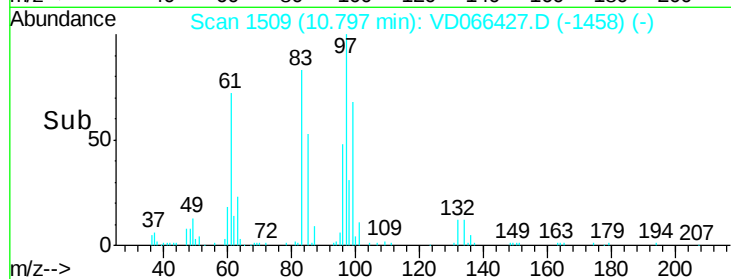
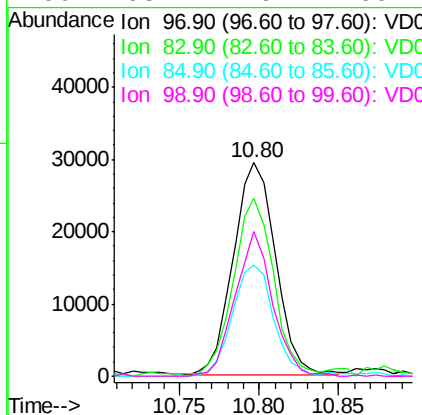
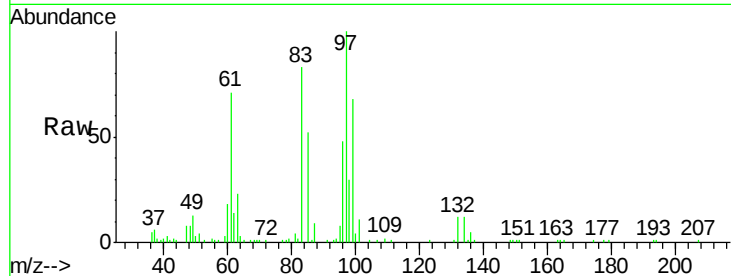
#55
 1,1,2-Trichloroethane
 Concen: 47.885 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: VD066427.D
 Acq: 26 Aug 2020 18:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	54489
Ion	Ratio	Lower	Upper
97	100		
83	82.7	68.4	102.6
85	52.7	41.3	61.9
99	68.1	46.1	69.1

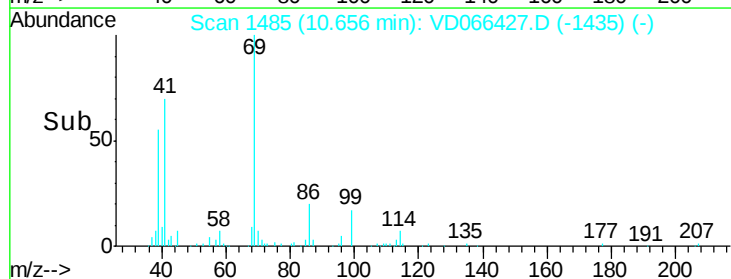
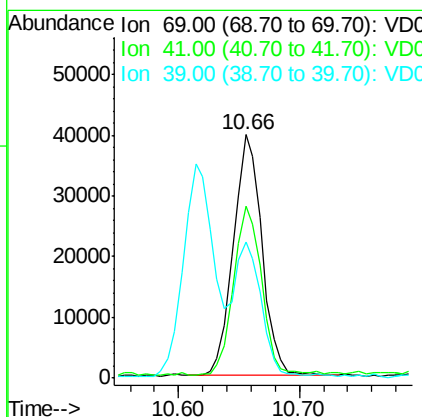
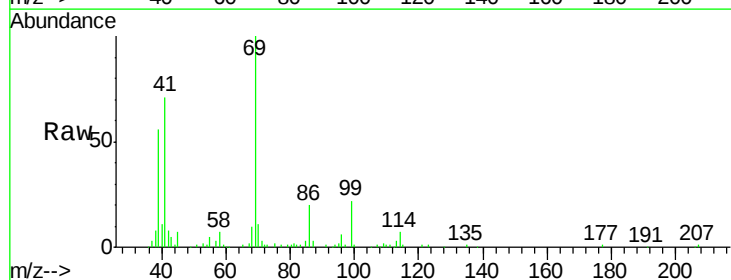
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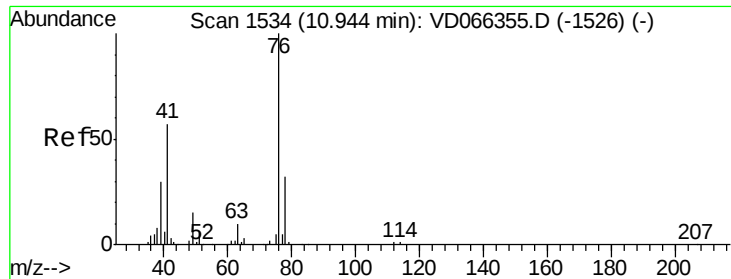
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#56
 Ethyl methacrylate
 Concen: 49.919 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066427.D
 Acq: 26 Aug 2020 18:17

Tgt Ion:	69	Resp:	65757
Ion	Ratio	Lower	Upper
69	100		
41	70.1	50.8	76.2
39	51.9	32.9	49.3#





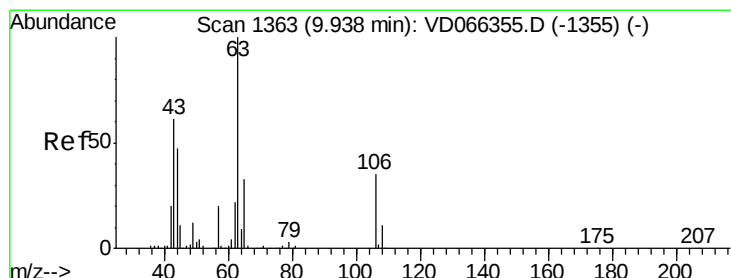
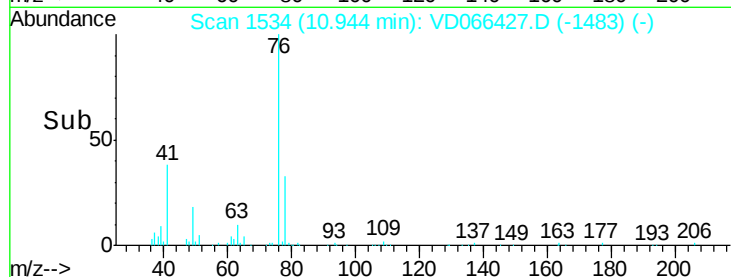
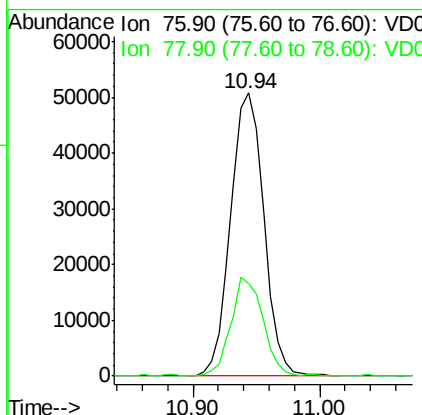
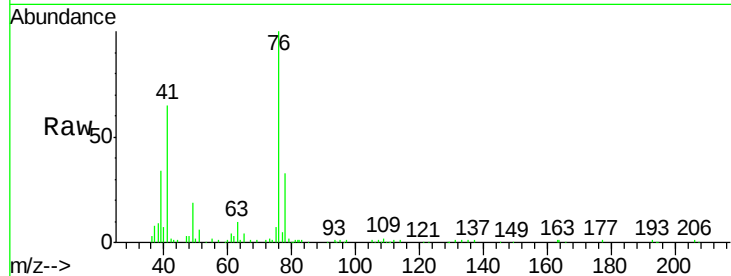
#57
 1,3-Dichloropropane
 Concen: 49.001 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VD066427.D
 Acq: 26 Aug 2020 18:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 92231
 Ion Ratio Lower Upper
 76 100
 78 33.7 25.6 38.4

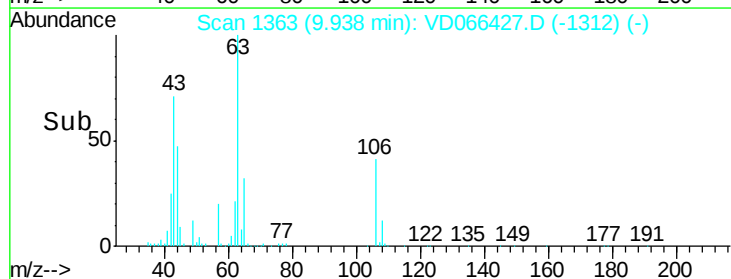
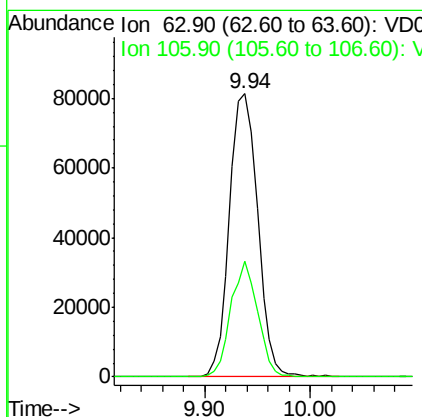
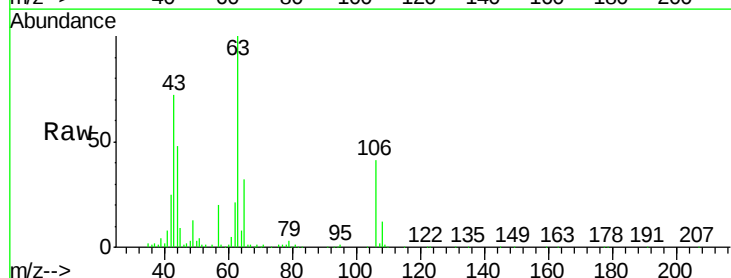
Manual Integrations
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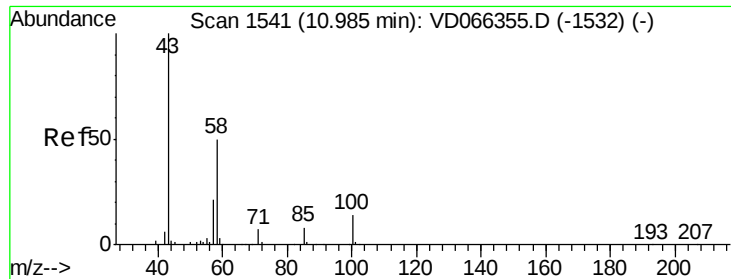
MMDadoda
 8/27/2020 3:08:42 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 276.133 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066427.D
 Acq: 26 Aug 2020 18:17

Tgt Ion: 63 Resp: 151073
 Ion Ratio Lower Upper
 63 100
 106 38.7 27.1 40.7





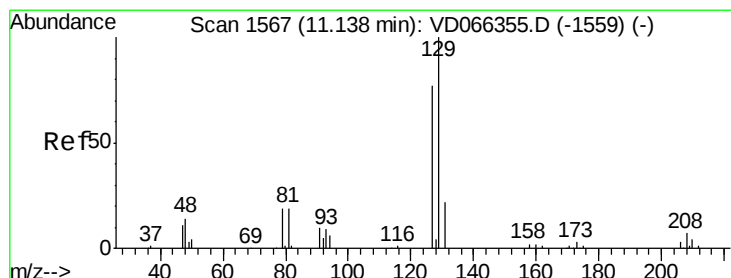
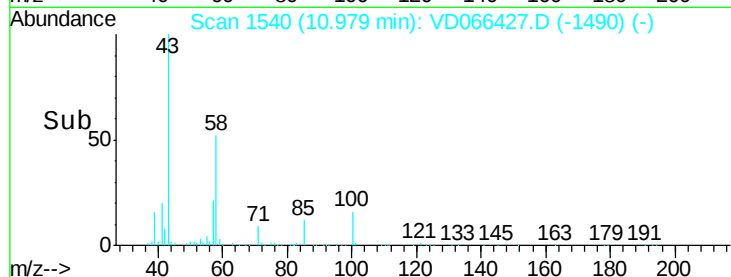
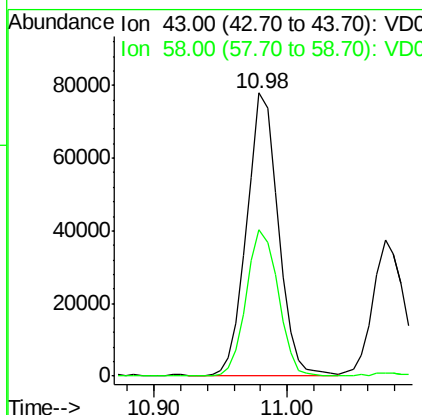
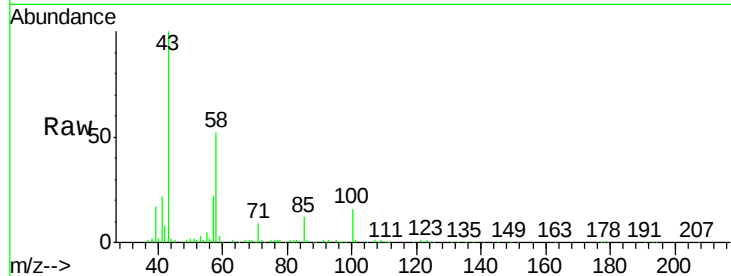
#59
2-Hexanone
Concen: 242.801 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066427.D
Acq: 26 Aug 2020 18:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 128030
Ion Ratio Lower Upper
43 100
58 52.2 26.3 78.8

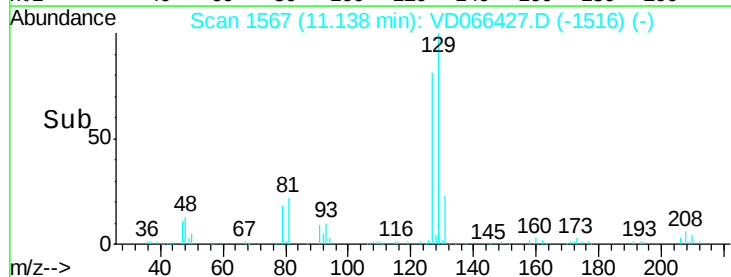
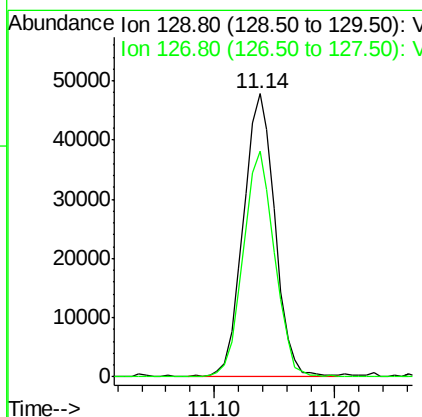
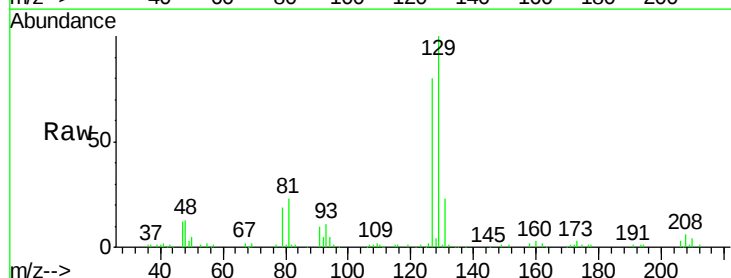
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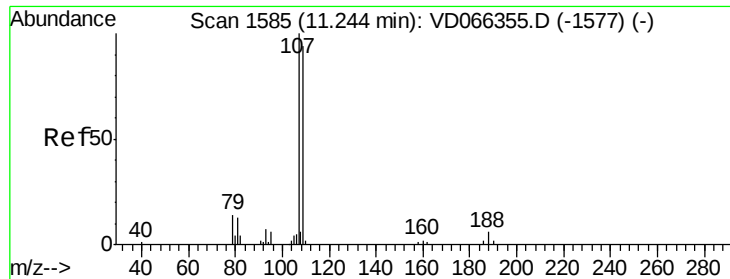
MMDadoda
8/27/2020 3:08:42 PM



#60
Dibromochloromethane
Concen: 51.106 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066427.D
Acq: 26 Aug 2020 18:17

Tgt Ion:129 Resp: 87659
Ion Ratio Lower Upper
129 100
127 79.2 39.0 117.0





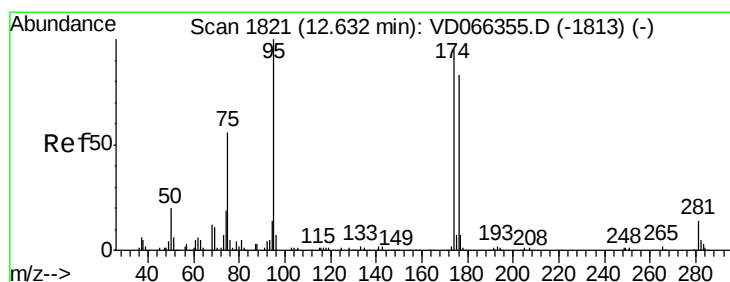
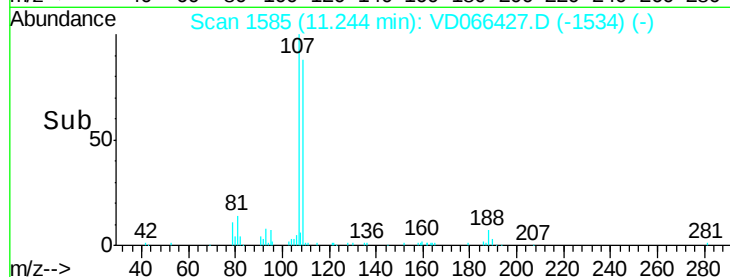
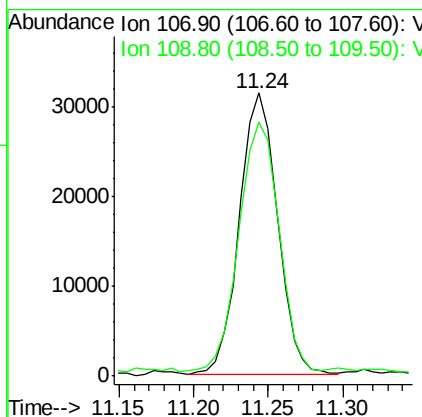
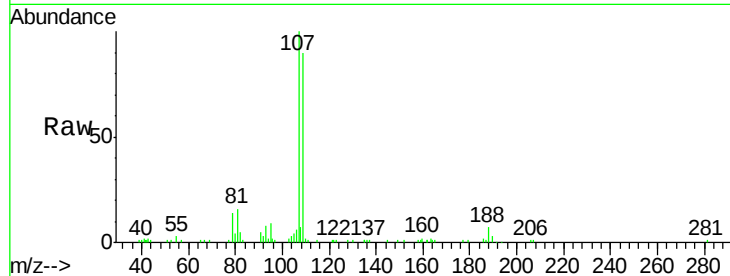
#61
 1,2-Dibromoethane
 Concen: 49.494 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066427.D
 Acq: 26 Aug 2020 18:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:107 Resp: 55425
 Ion Ratio Lower Upper
 107 100
 109 93.7 77.8 116.8

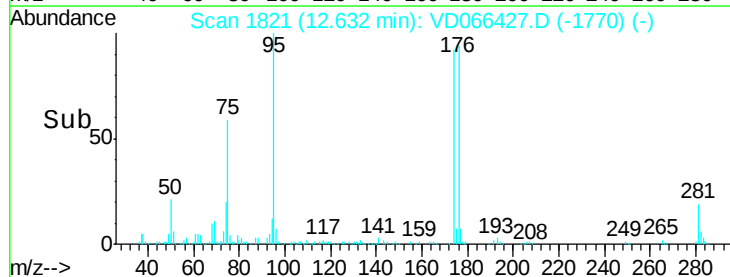
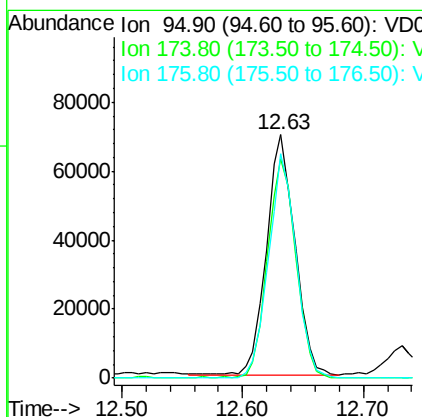
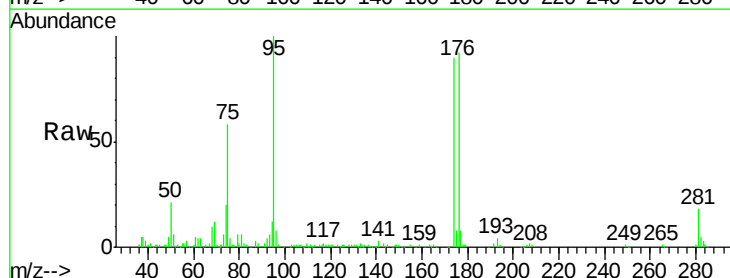
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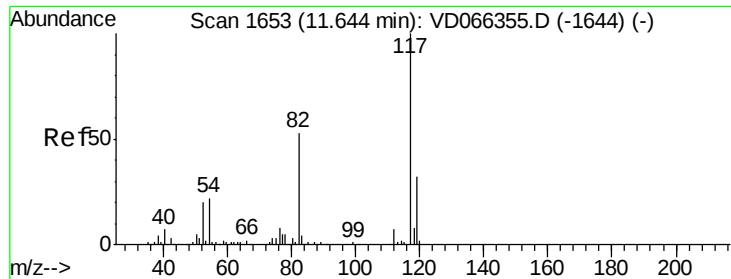
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 56.148 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066427.D
 Acq: 26 Aug 2020 18:17

Tgt Ion: 95 Resp: 113090
 Ion Ratio Lower Upper
 95 100
 174 91.4 0.0 183.4
 176 89.9 0.0 173.8





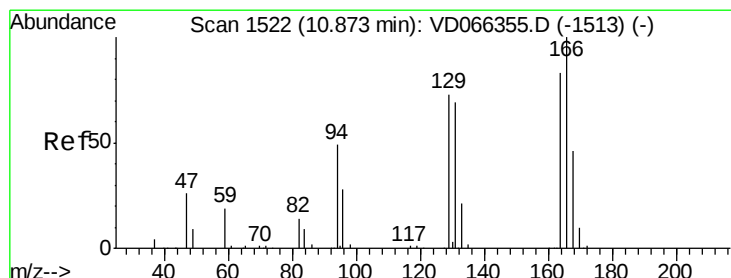
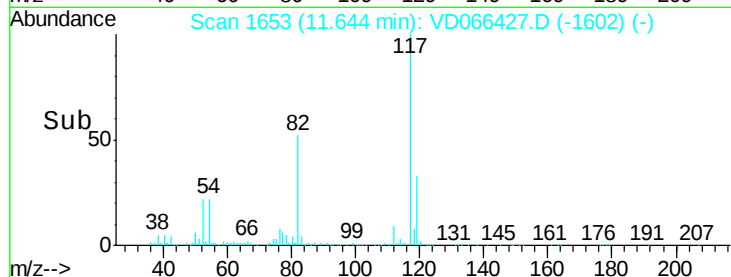
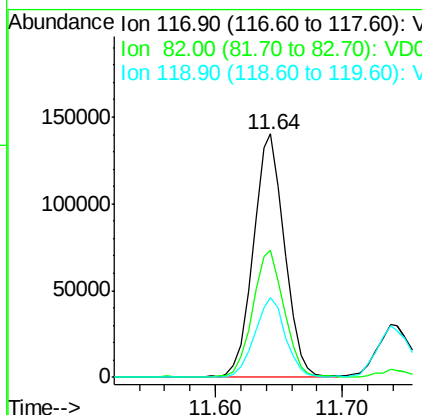
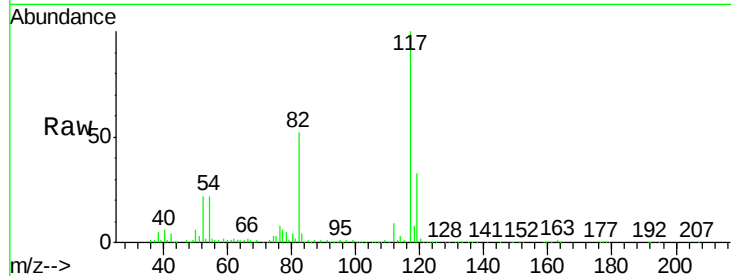
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066427.D
Acq: 26 Aug 2020 18:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	238478		
82	52.1		42.8	64.2
119	32.6		25.8	38.8

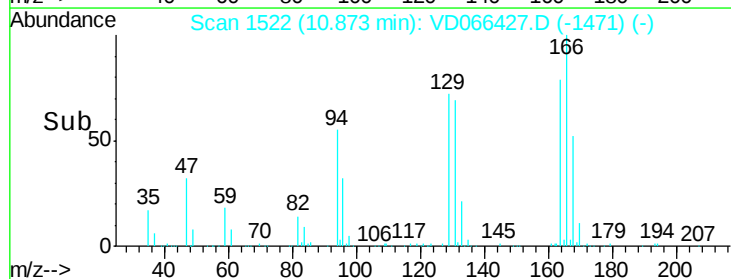
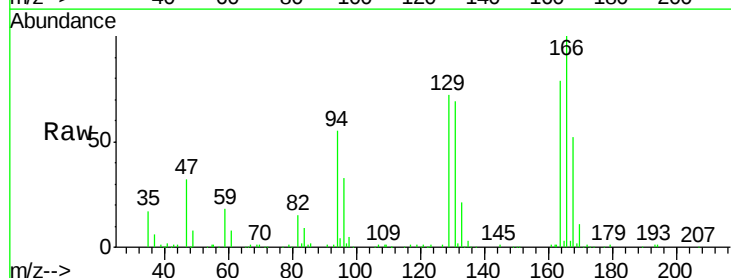
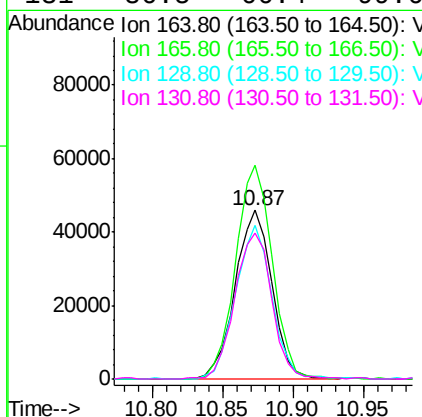
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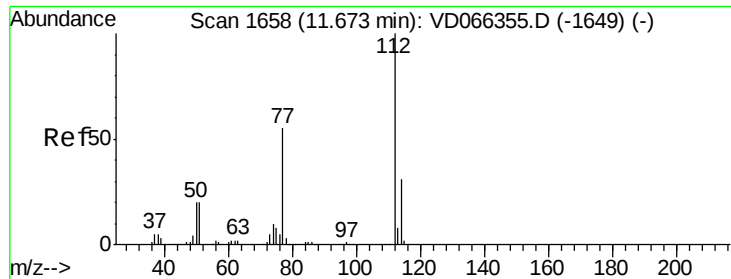
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#64
Tetrachloroethene
Concen: 46.361 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066427.D
Acq: 26 Aug 2020 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	83870		
166	126.8		96.2	144.4
129	91.6		70.3	105.5
131	86.5		66.4	99.6





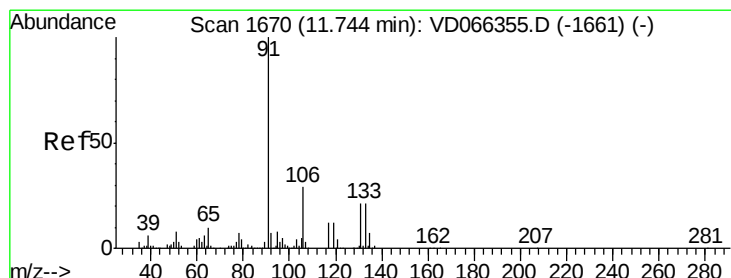
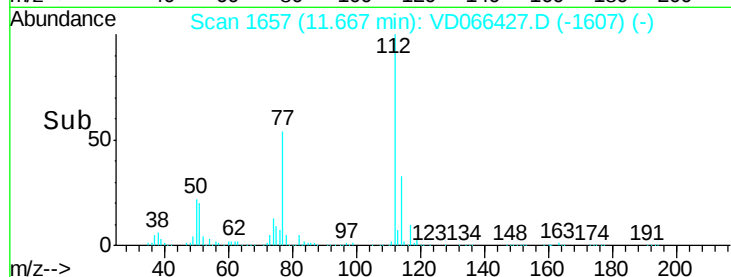
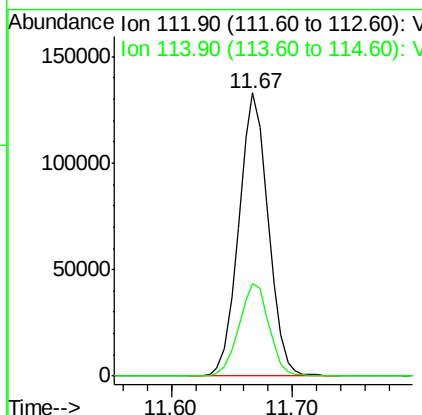
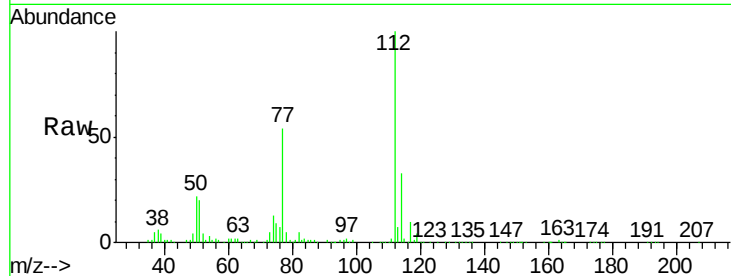
#65
Chlorobenzene
Concen: 47.697 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066427.D
Acq: 26 Aug 2020 18:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.6	25.1	37.7

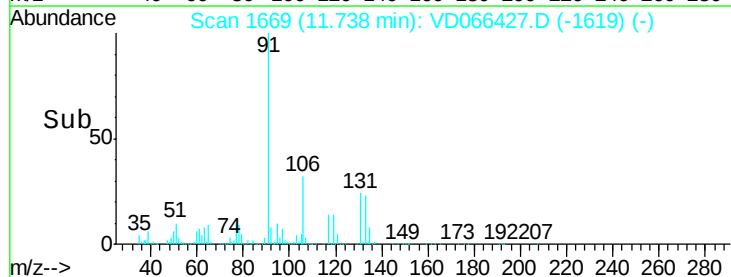
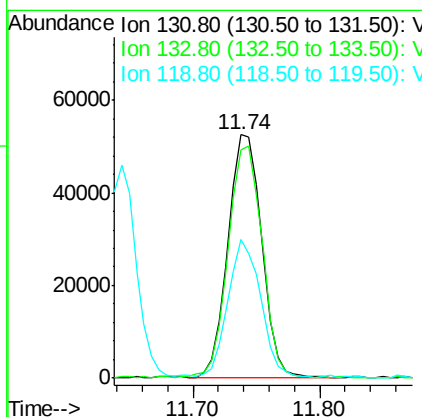
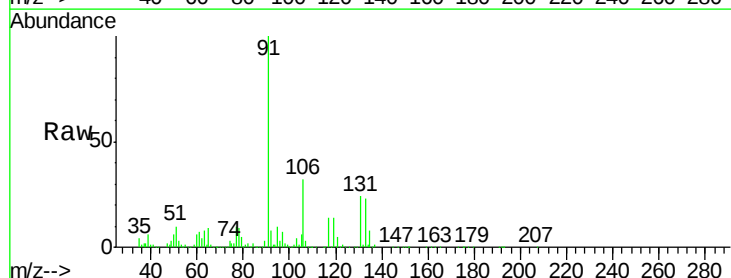
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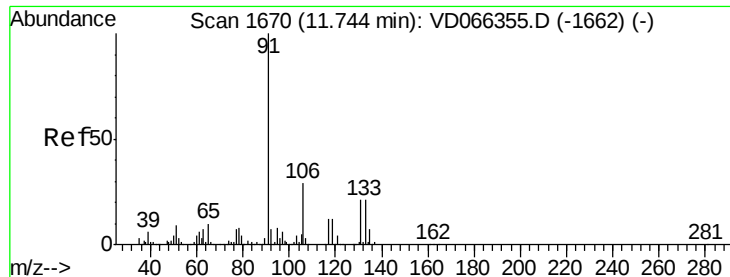
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.186 ug/l
RT: 11.74 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VD066427.D
Acq: 26 Aug 2020 18:17

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.0	48.6	145.9
119	54.5	29.0	87.1





#67

Ethyl Benzene

Concen: 47.630 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066427.D

Acq: 26 Aug 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 397784

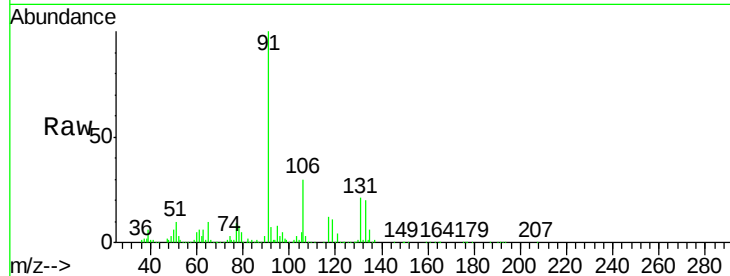
Ion Ratio Lower Upper

91 100

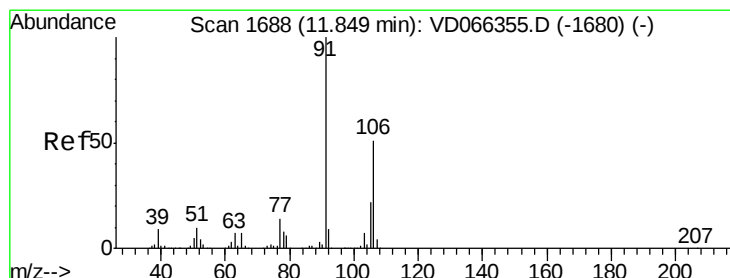
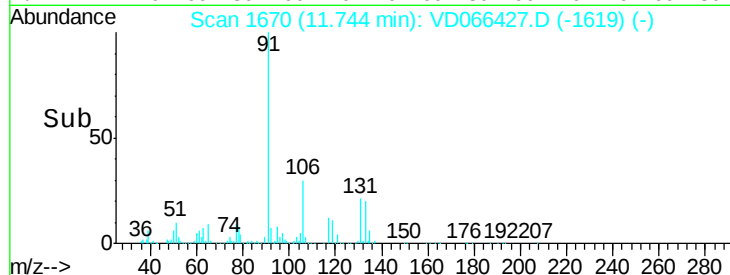
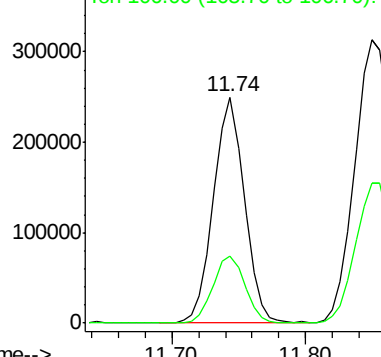
106 29.5 23.4 35.2

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Abundance Ion 91.00 (90.70 to 91.70): VD066427.D (-1619) (-)



#68

m/p-Xylenes

Concen: 94.432 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VD066427.D

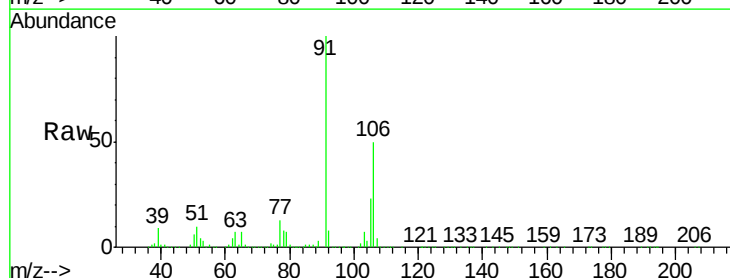
Acq: 26 Aug 2020 18:17

Tgt Ion: 106 Resp: 300599

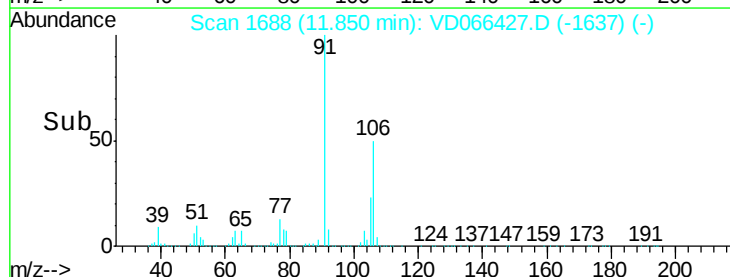
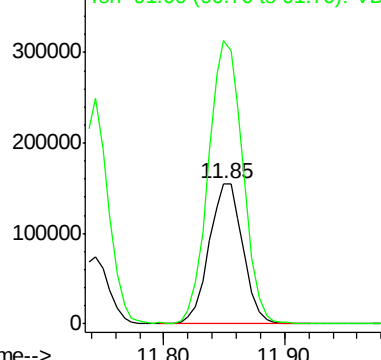
Ion Ratio Lower Upper

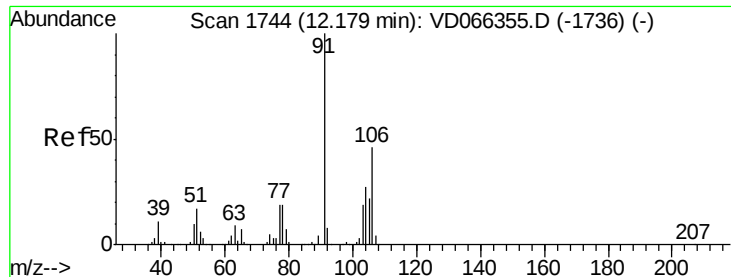
106 100

91 205.6 160.7 241.1



Abundance Ion 106.00 (105.70 to 106.70): VD066427.D (-1637) (-)





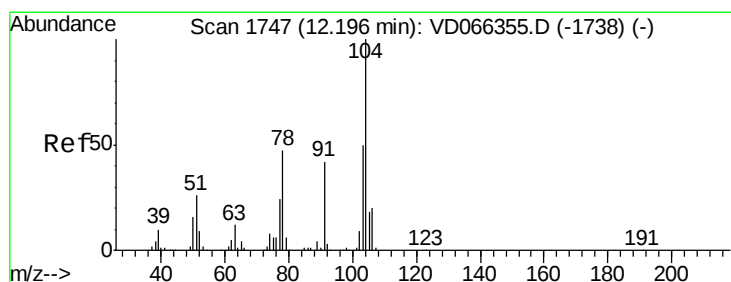
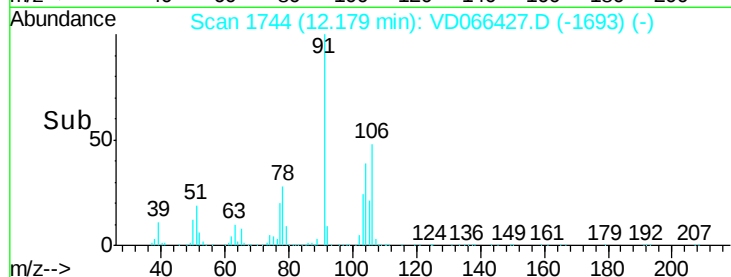
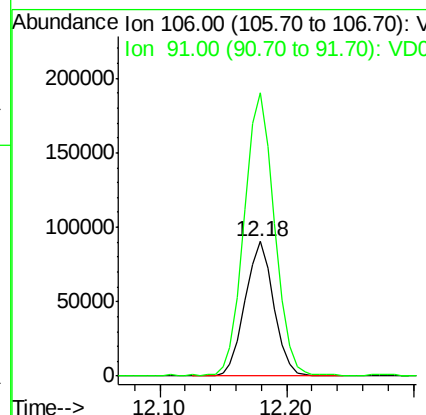
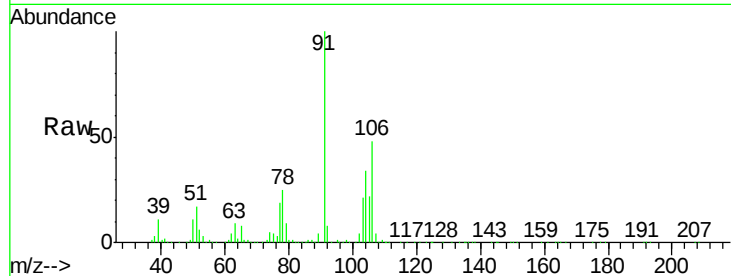
#69
o-Xylene
Concen: 47.997 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066427.D
Acq: 26 Aug 2020 18:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		142136		
91	220.8	109.1	327.3		

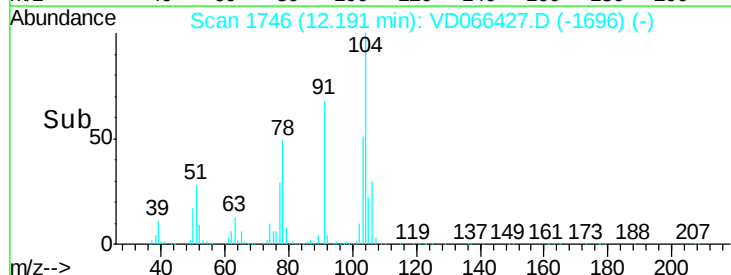
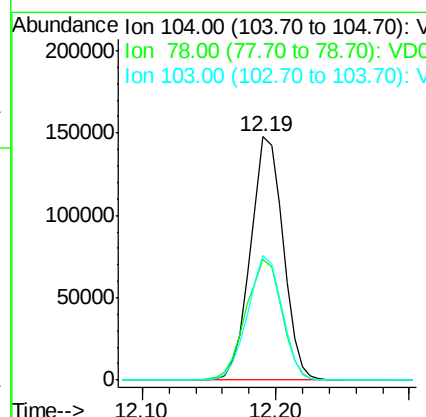
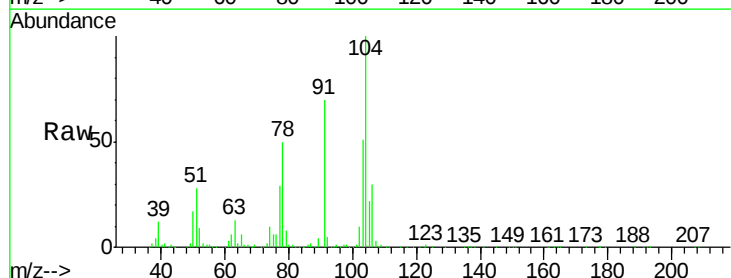
Manual Integrations
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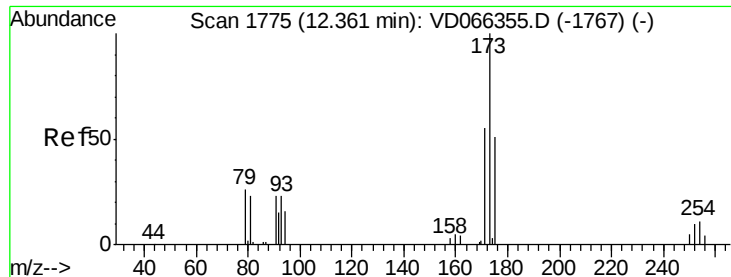
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#70
Styrene
Concen: 49.068 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066427.D
Acq: 26 Aug 2020 18:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		249498		
78	55.0	41.7	62.5		
103	53.9	43.5	65.3		





#71

Bromoform

Concen: 49.873 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066427.D

Acq: 26 Aug 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 54863

Ion Ratio Lower Upper

173 100

175 48.3 24.8 74.3

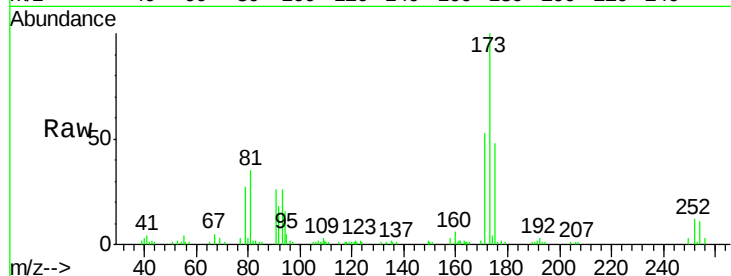
254 0.0 0.0 0.0

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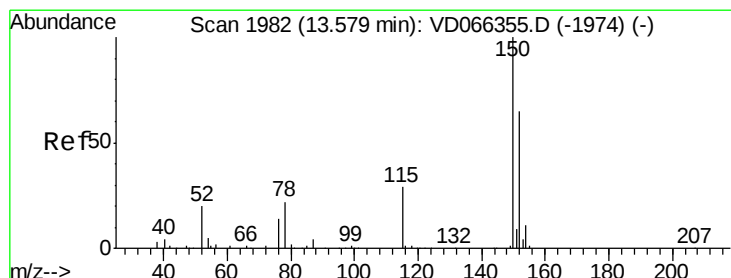
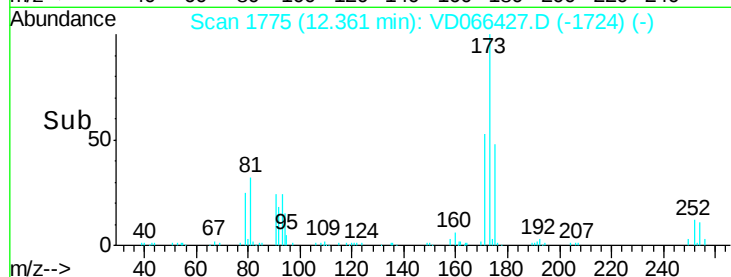
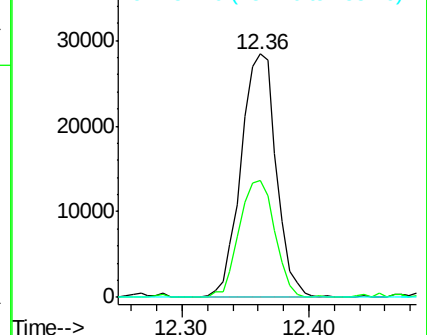
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VD066427.D

Acq: 26 Aug 2020 18:17

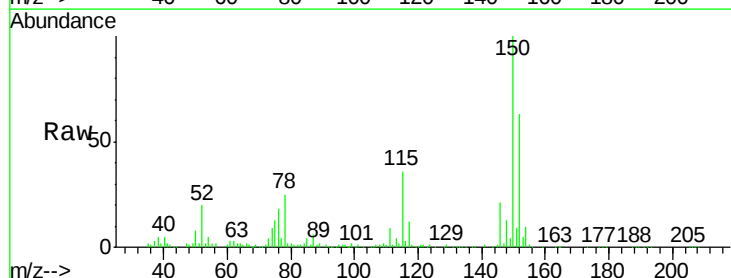
Tgt Ion:152 Resp: 126601

Ion Ratio Lower Upper

152 100

115 58.3 28.3 85.0

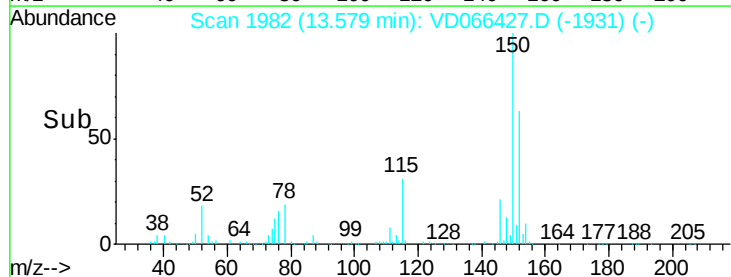
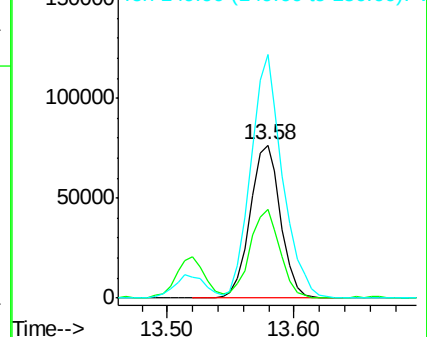
150 166.3 0.0 343.2

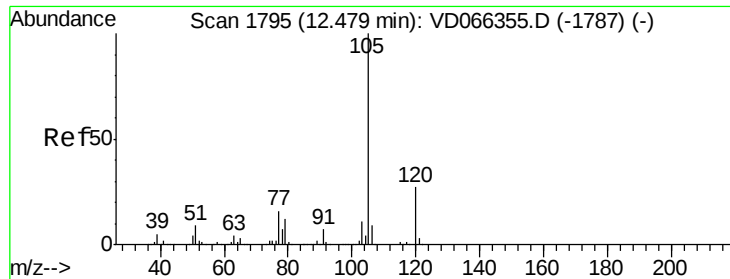


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





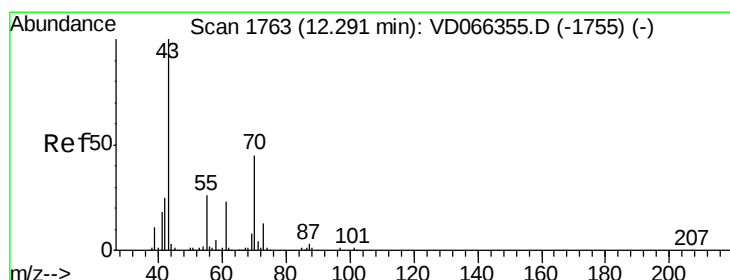
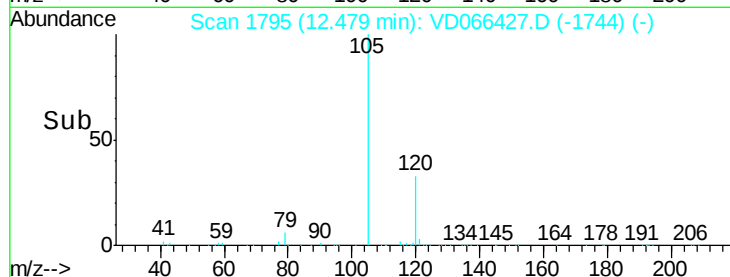
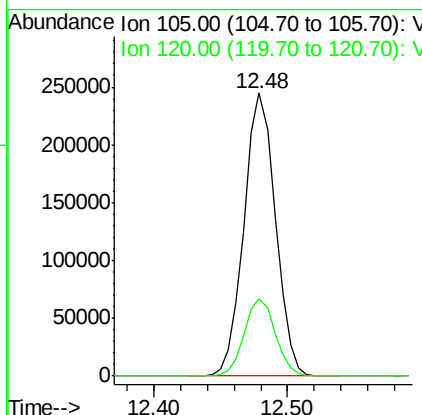
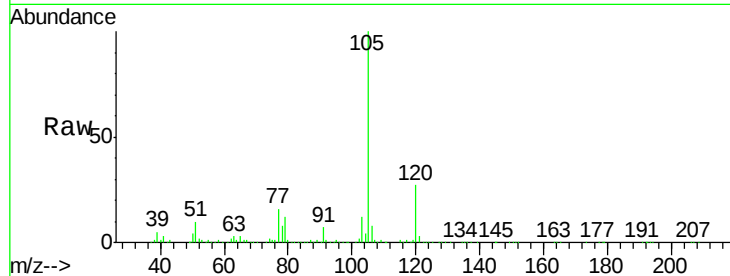
#73
Isopropylbenzene
Concen: 46.790 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VD066427.D
Acq: 26 Aug 2020 18:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.1	13.6	40.8

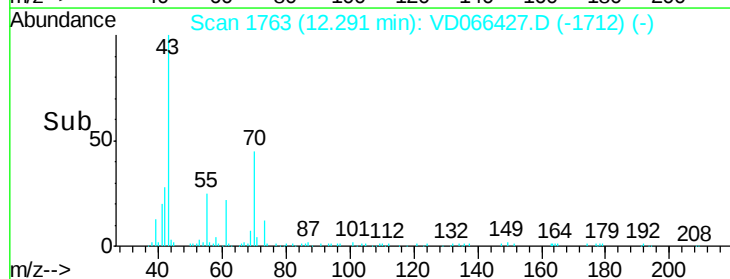
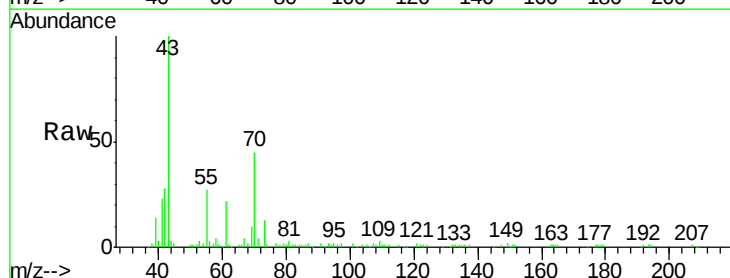
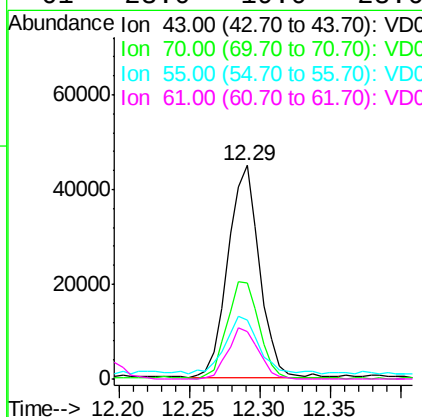
Manual Integrations
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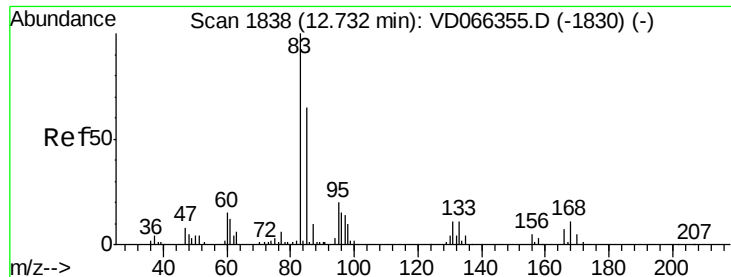
MMDadoda
8/27/2020 3:08:42 PM



#74
N-ethyl acetate
Concen: 45.831 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VD066427.D
Acq: 26 Aug 2020 18:17

Tgt Ion	Ratio	Lower	Upper
43	100		
70	47.5	34.8	52.2
55	29.2	20.3	30.5
61	23.0	19.0	28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 44.863 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066427.D

Acq: 26 Aug 2020 18:17

Instrument :

MSVOA_D

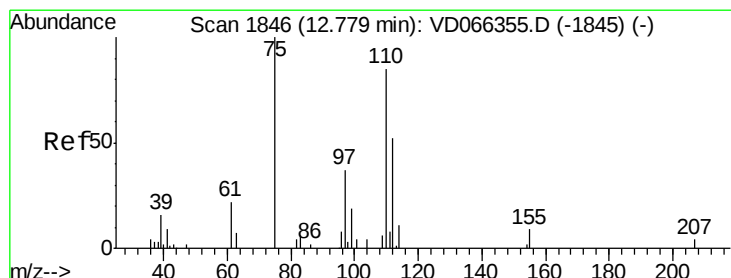
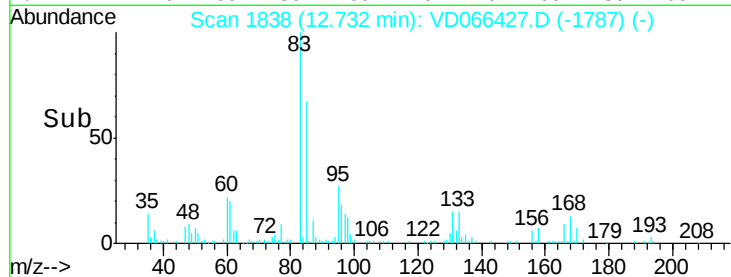
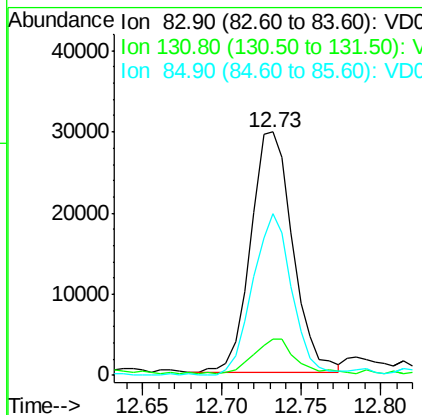
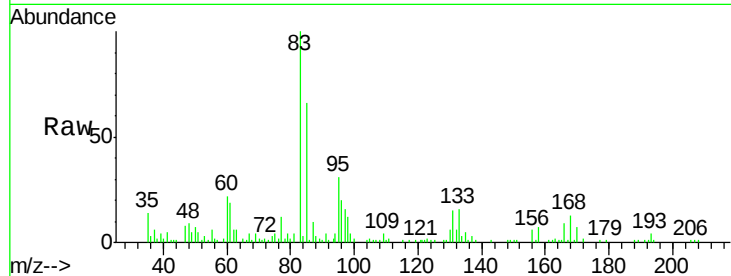
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	54353
Ion Ratio	Lower	Upper	
83	100		
131	14.7	7.0	20.9
85	63.4	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 42.763 ug/l m

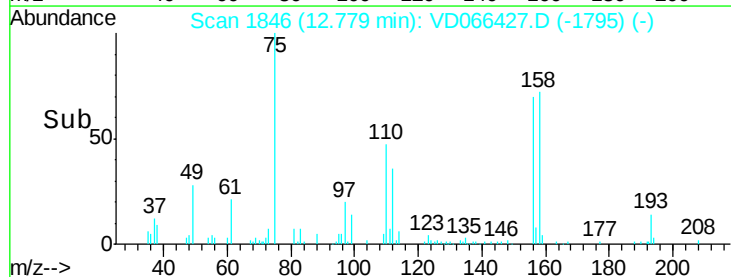
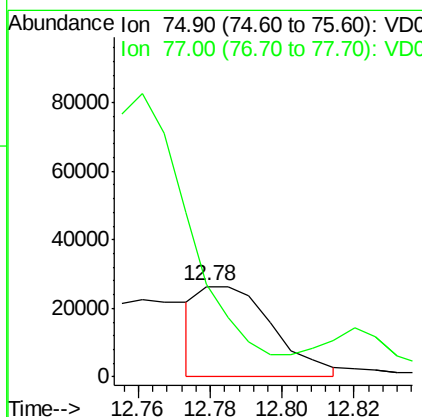
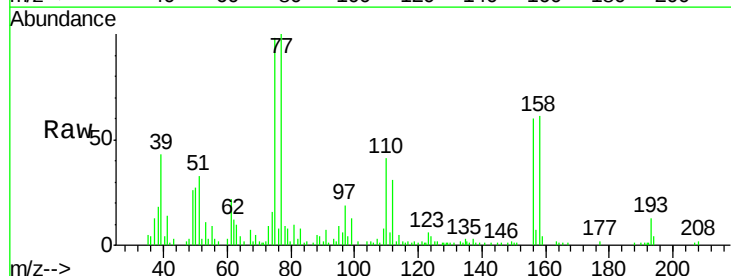
RT: 12.78 min Scan# 1846

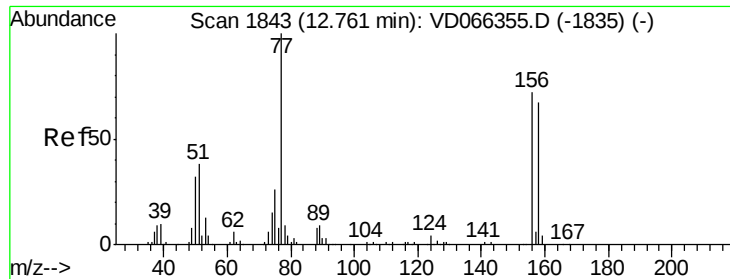
Delta R.T. 0.00 min

Lab File: VD066427.D

Acq: 26 Aug 2020 18:17

Tgt Ion:	75	Resp:	38087
Ion Ratio	Lower	Upper	
75	100		
77	406.2	182.9	548.9





#77

Bromobenzene

Concen: 47.833 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066427.D

Acq: 26 Aug 2020 18:17

Instrument :

MSVOA_D

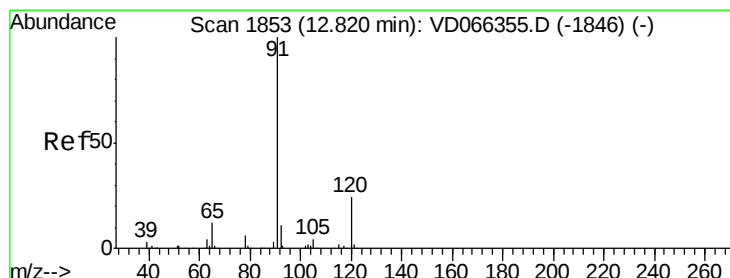
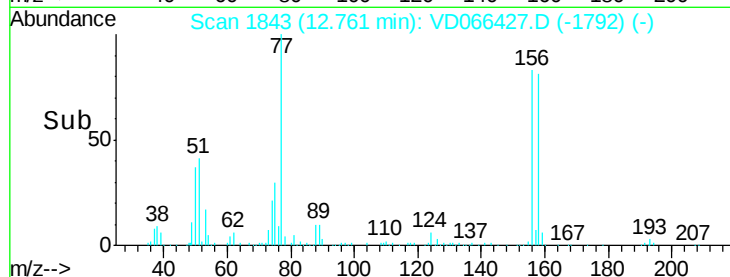
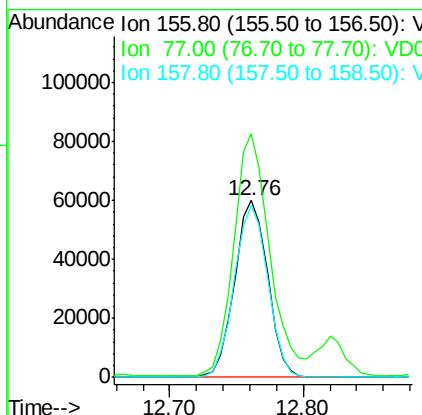
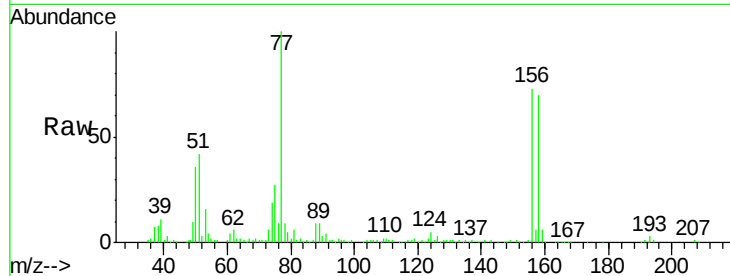
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		102964		
77	150.3	76.1	228.3		
158	98.5	47.6	142.9		

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#78

n-propylbenzene

Concen: 44.777 ug/l

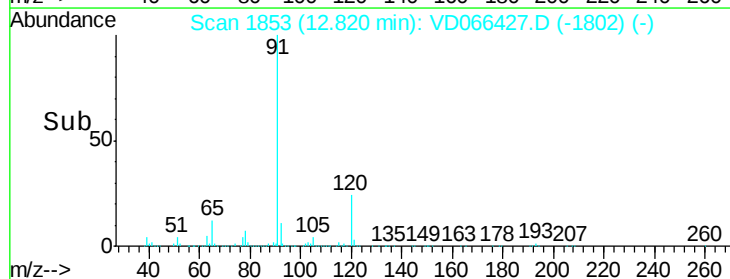
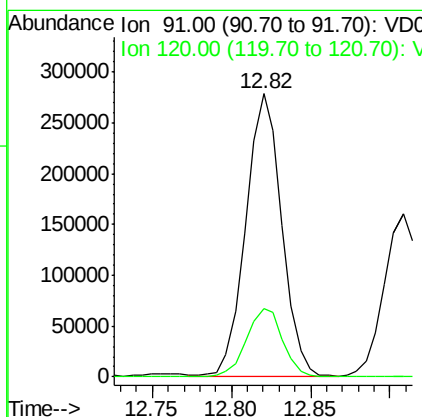
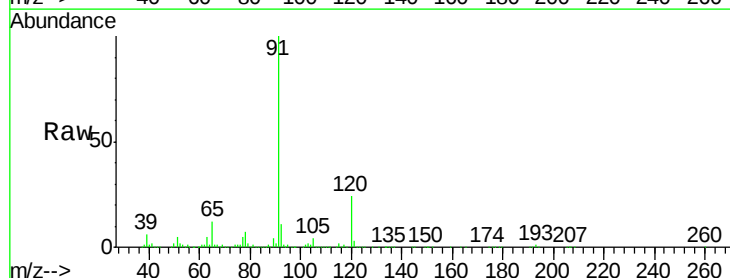
RT: 12.82 min Scan# 1853

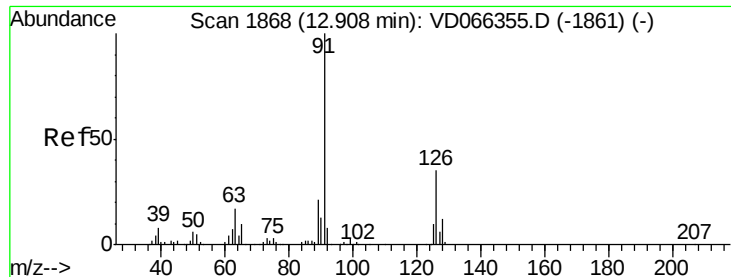
Delta R.T. 0.00 min

Lab File: VD066427.D

Acq: 26 Aug 2020 18:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		435418		
120	24.7	12.0	36.0		





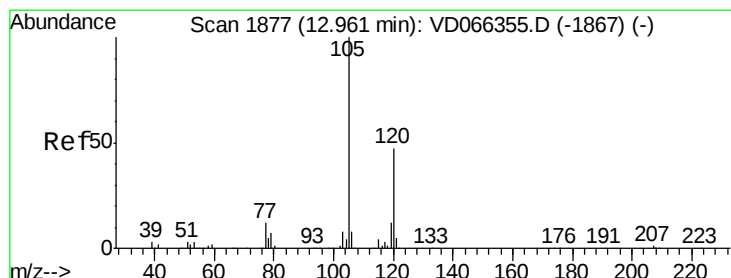
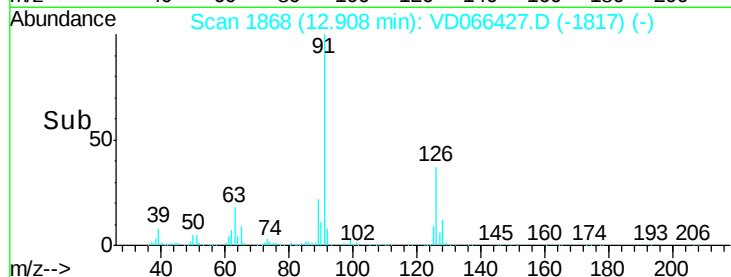
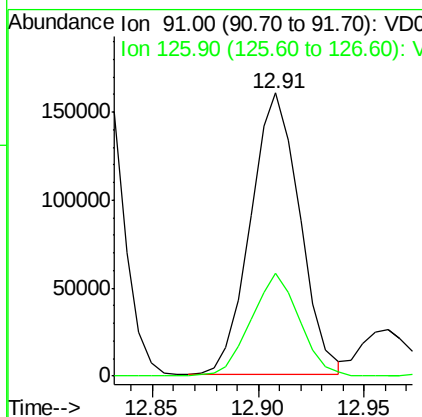
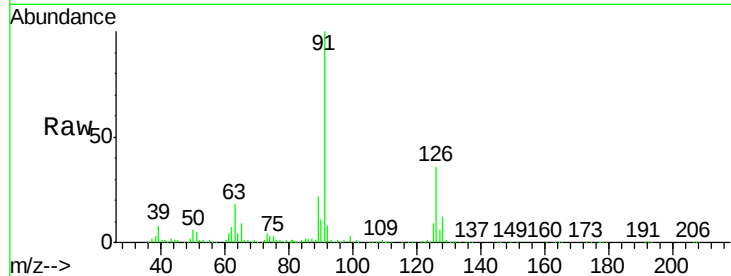
#79
2-Chlorotoluene
Concen: 46.798 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VD066427.D
Acq: 26 Aug 2020 18:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
126	36.0	17.7	53.1

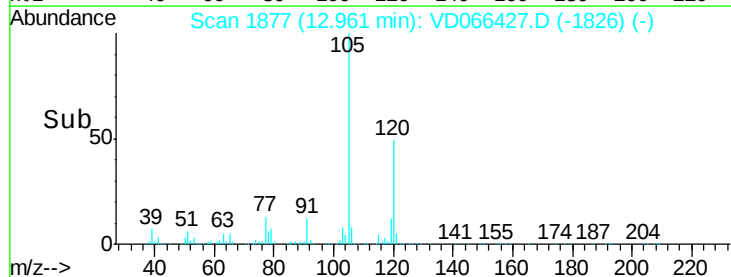
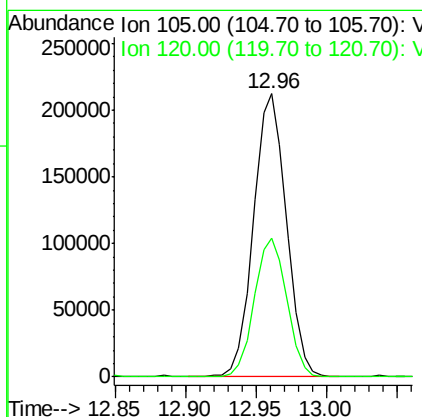
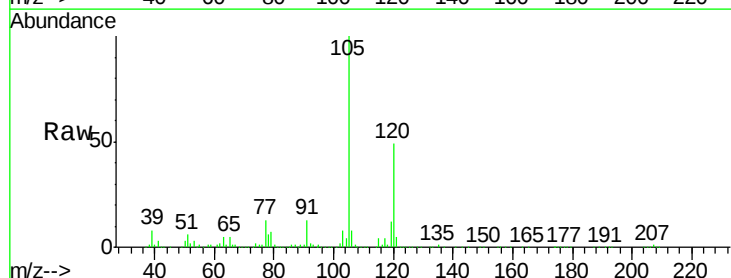
Manual Integrations
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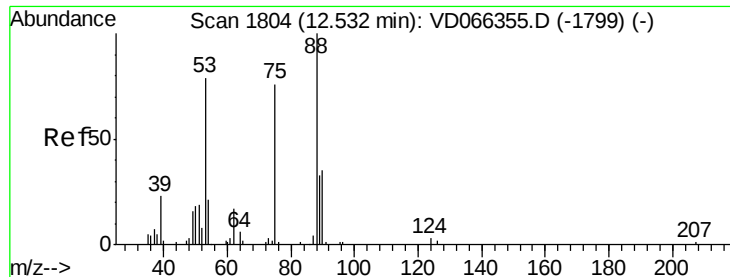
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#80
1,3,5-Trimethylbenzene
Concen: 47.023 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VD066427.D
Acq: 26 Aug 2020 18:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.8	24.1	72.2





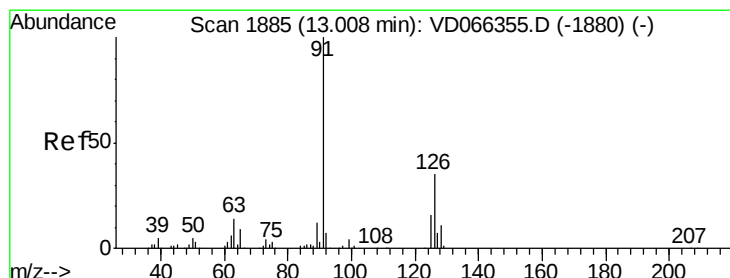
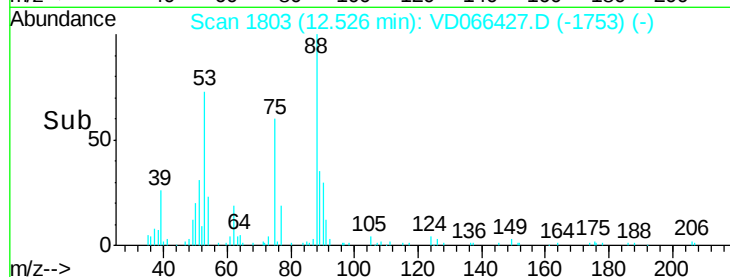
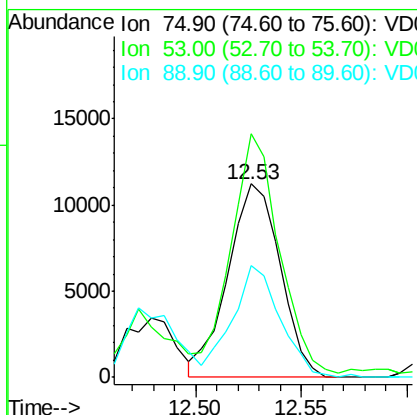
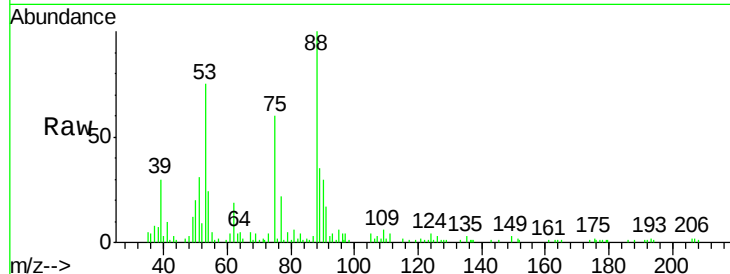
#81
trans-1,4-Dichloro-2-butene
Concen: 45.919 ug/l
RT: 12.53 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VD066427.D
Acq: 26 Aug 2020 18:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	113.8	87.4	131.2
89	53.1	39.4	59.0

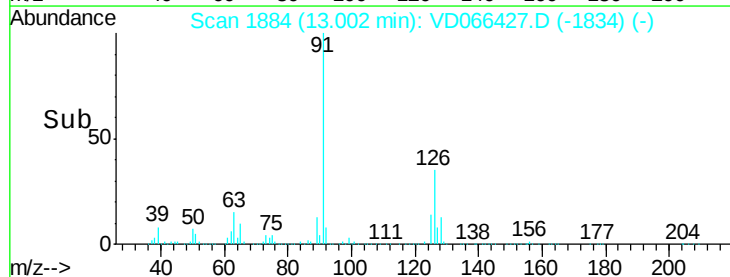
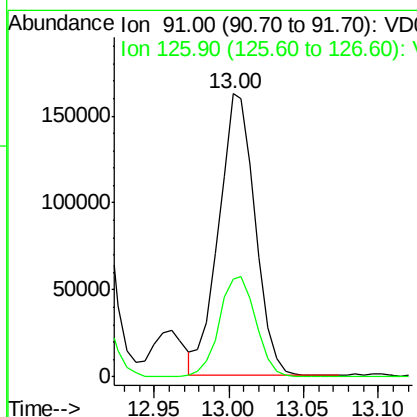
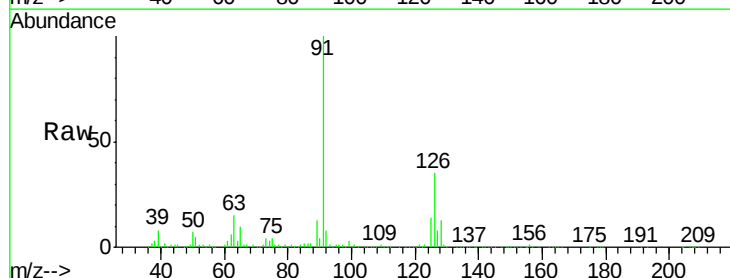
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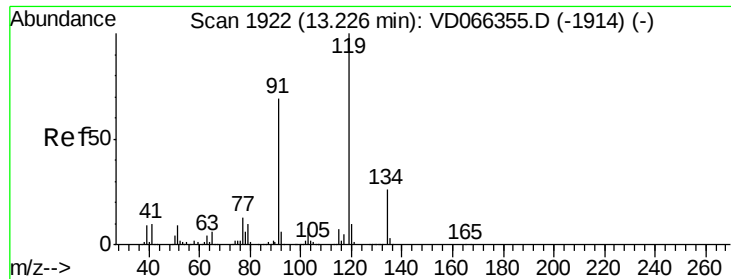
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#82
4-Chlorotoluene
Concen: 46.929 ug/l
RT: 13.00 min Scan# 1884
Delta R.T. -0.01 min
Lab File: VD066427.D
Acq: 26 Aug 2020 18:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.9	17.4	52.2





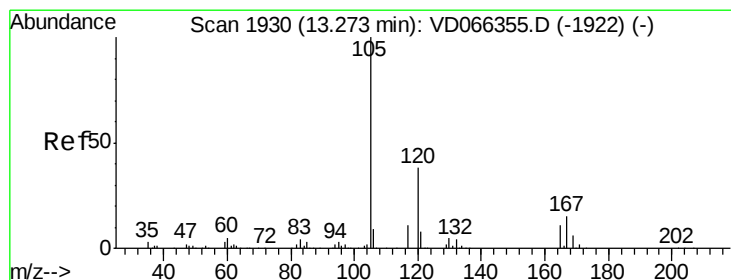
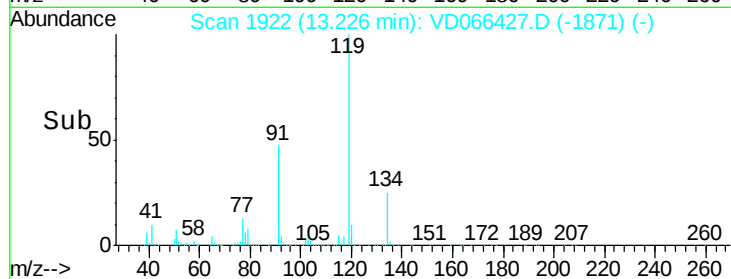
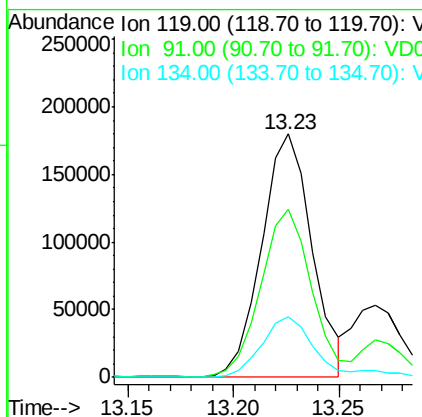
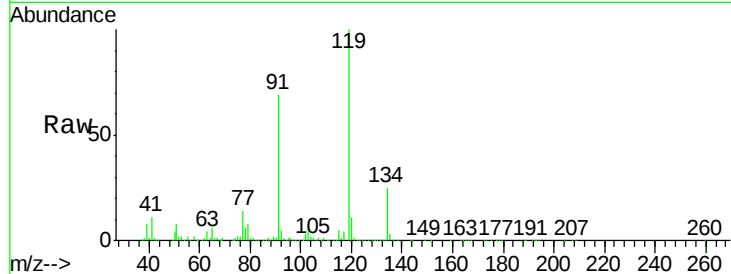
#83
tert-Butylbenzene
Concen: 46.953 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD066427.D
Acq: 26 Aug 2020 18:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.1	33.5	100.5
134	27.3	13.5	40.4

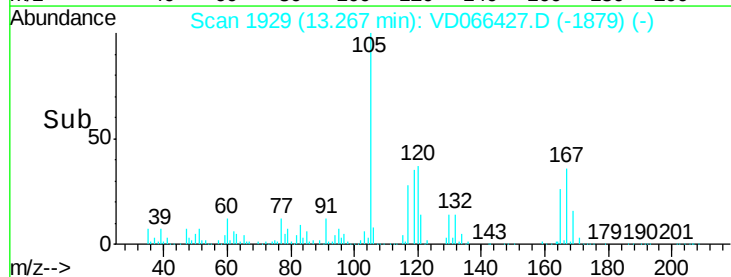
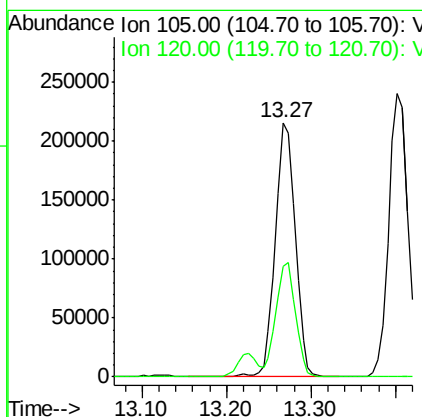
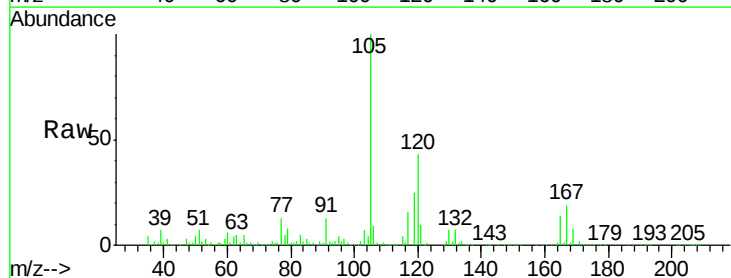
Manual Integrations
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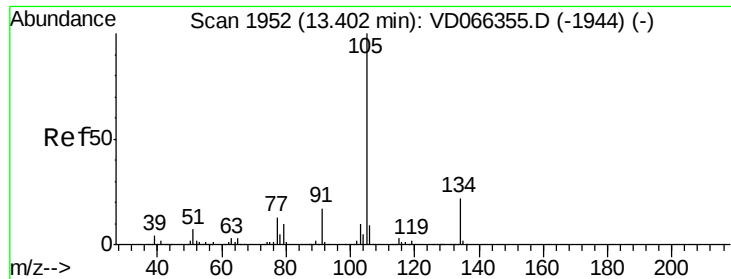
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#84
1,2,4-Trimethylbenzene
Concen: 48.755 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066427.D
Acq: 26 Aug 2020 18:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.7	22.6	67.7





#85

sec-Butylbenzene

Concen: 45.924 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066427.D

Acq: 26 Aug 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 382695

Ion Ratio Lower Upper

105 100

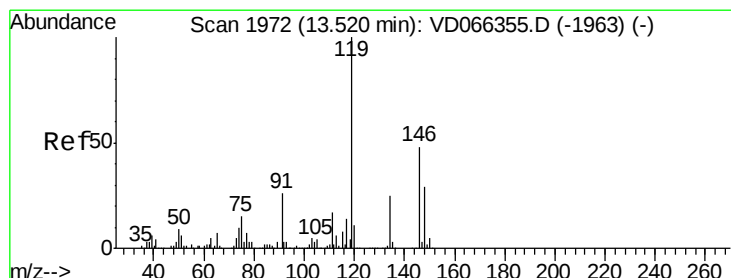
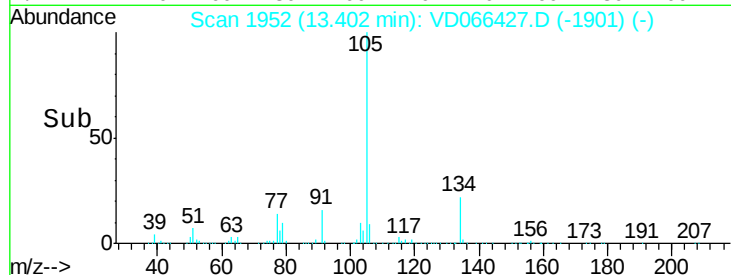
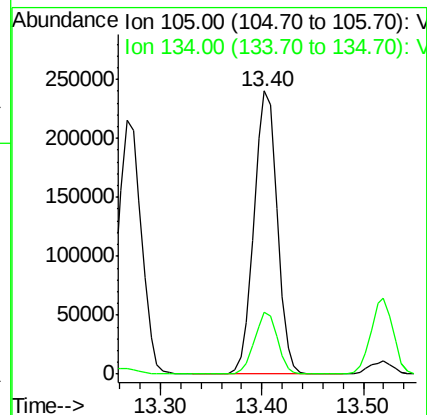
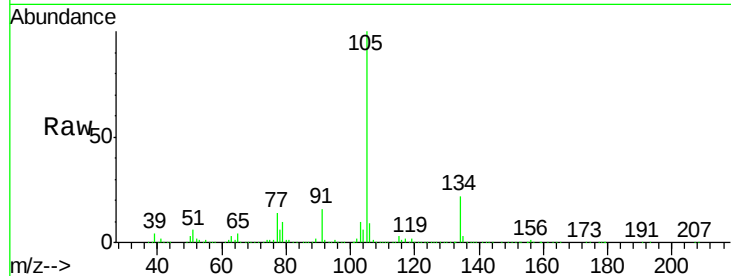
134 21.8 10.8 32.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 46.338 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066427.D

Acq: 26 Aug 2020 18:17

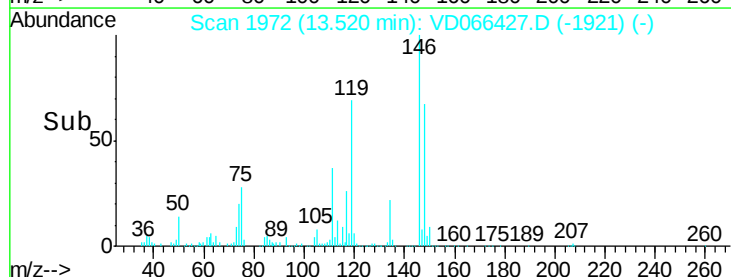
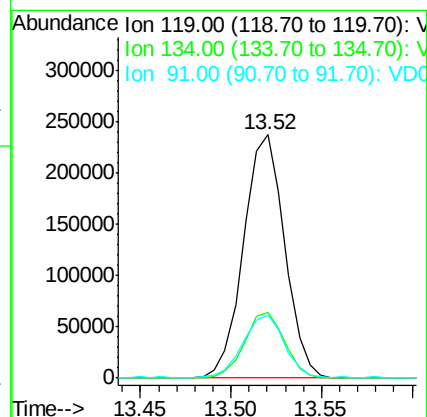
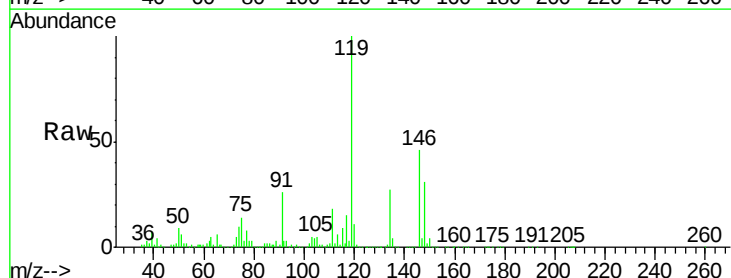
Tgt Ion:119 Resp: 372334

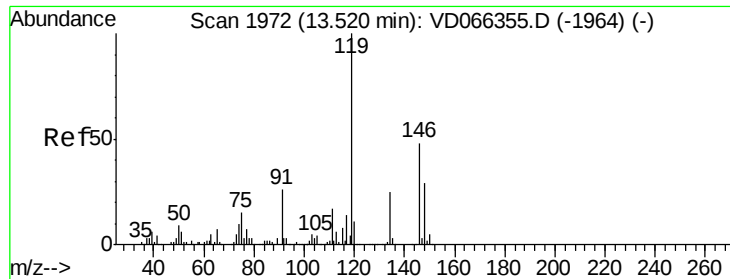
Ion Ratio Lower Upper

119 100

134 26.5 12.8 38.3

91 25.6 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 47.124 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066427.D

Acq: 26 Aug 2020 18:17

Instrument :

MSVOA_D

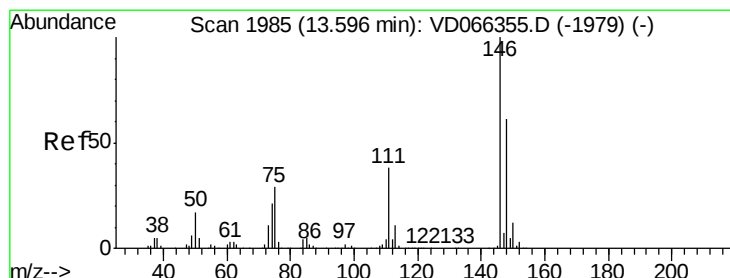
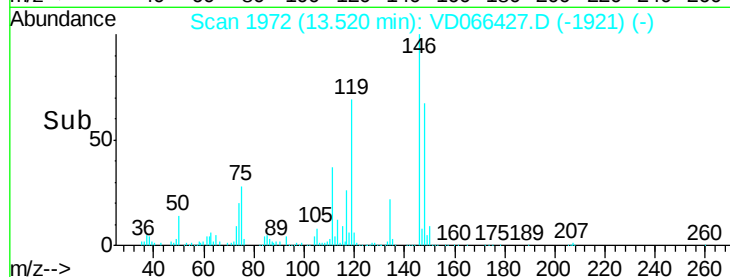
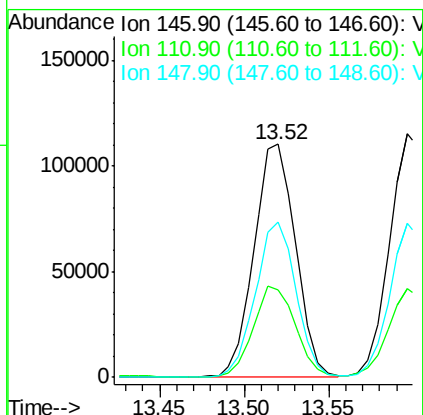
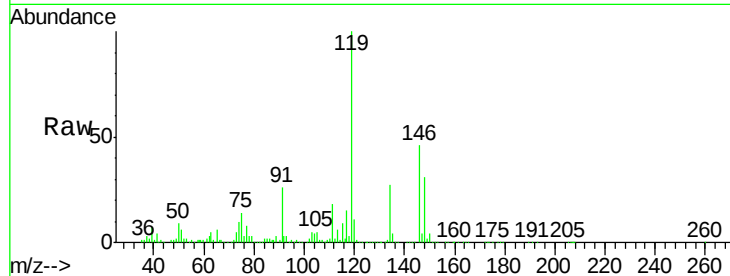
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	189351
Ion Ratio	Lower	Upper	
146	100		
111	39.0	18.9	56.9
148	65.4	31.8	95.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 47.013 ug/l

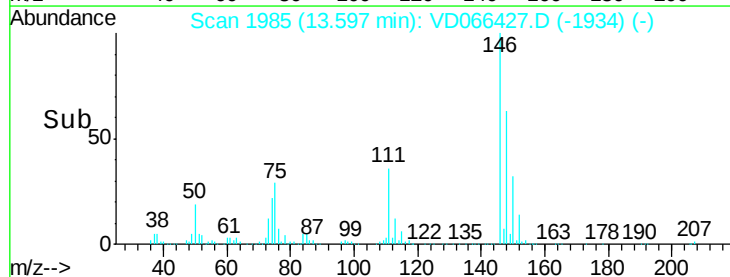
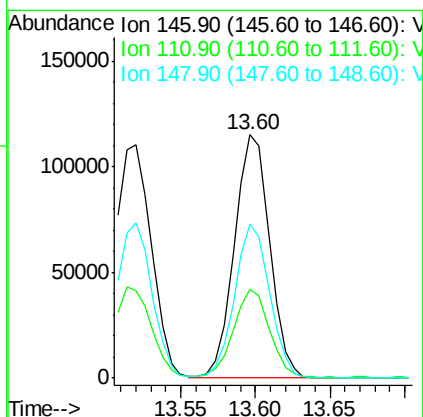
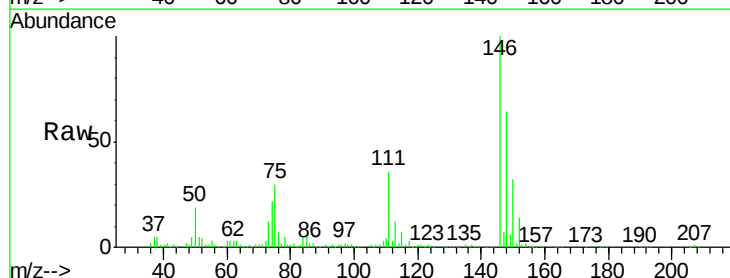
RT: 13.60 min Scan# 1985

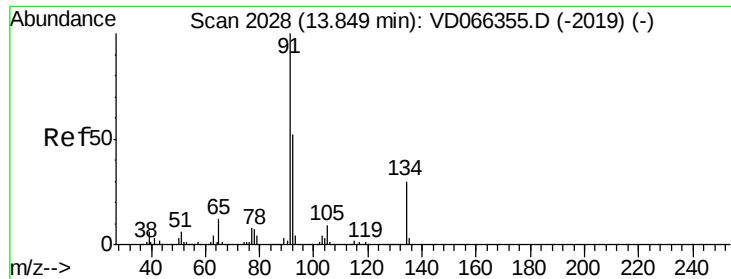
Delta R.T. 0.00 min

Lab File: VD066427.D

Acq: 26 Aug 2020 18:17

Tgt Ion:	146	Resp:	189673
Ion Ratio	Lower	Upper	
146	100		
111	36.6	19.1	57.5
148	62.9	32.1	96.3





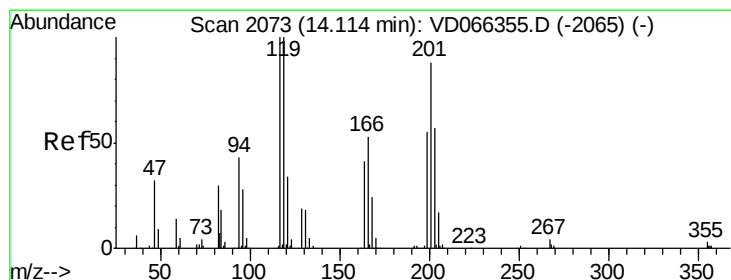
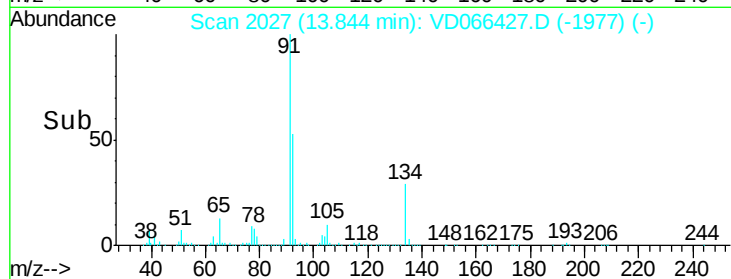
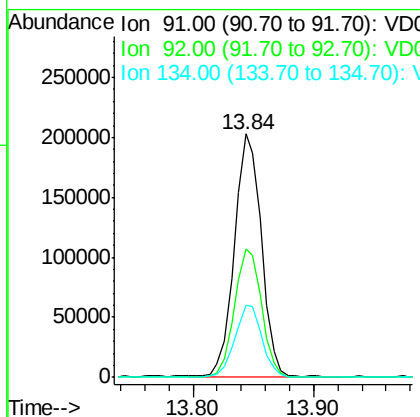
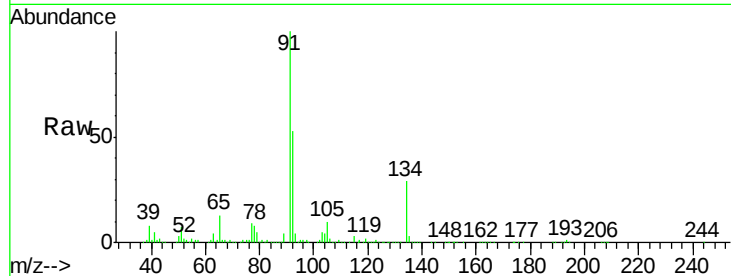
#89
n-Butylbenzene
Concen: 44.099 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066427.D
Acq: 26 Aug 2020 18:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.4	79.0
134	30.1	14.4	43.4

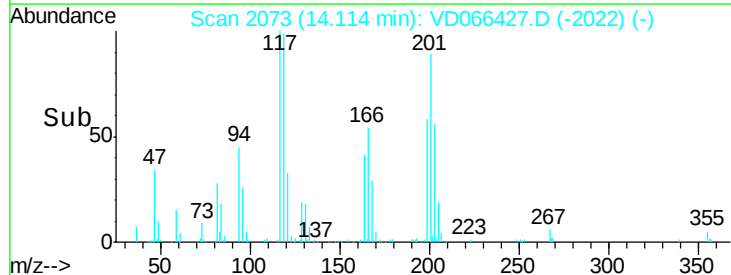
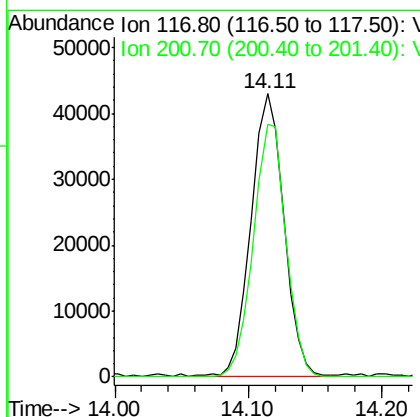
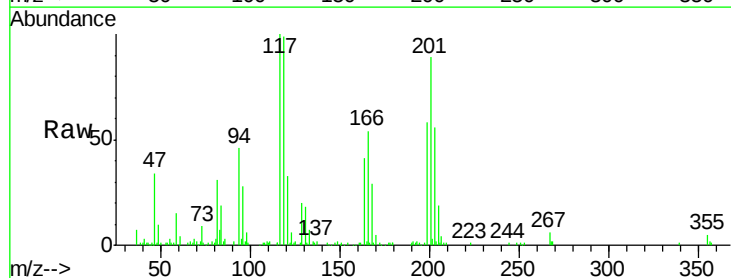
Manual Integrations
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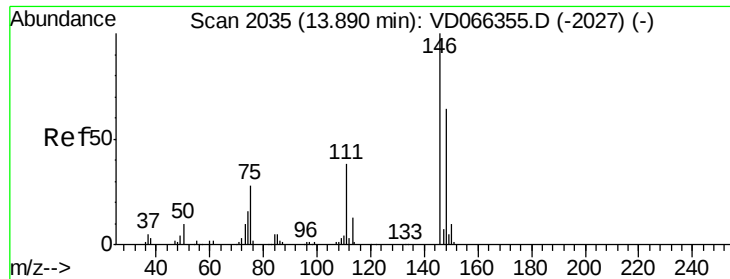
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#90
Hexachloroethane
Concen: 46.246 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066427.D
Acq: 26 Aug 2020 18:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.5	45.4	136.2





#91

1,2-Dichlorobenzene

Concen: 48.458 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VD066427.D

Acq: 26 Aug 2020 18:17

Instrument :

MSVOA_D

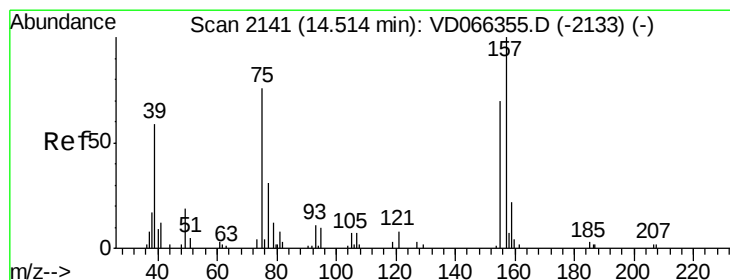
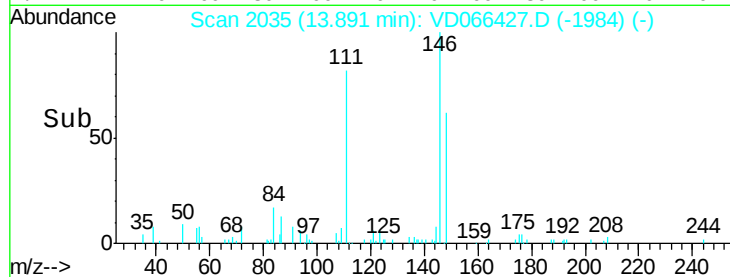
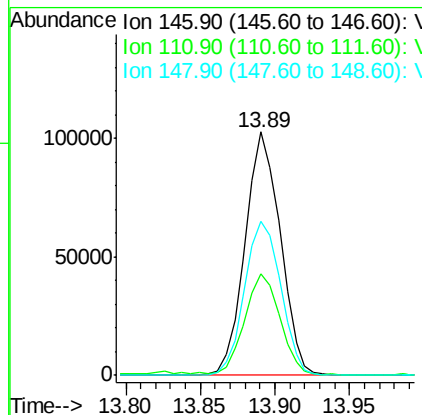
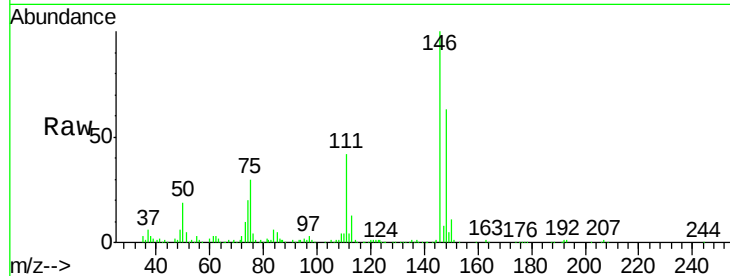
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	167618
Ion Ratio	Lower	Upper	
146	100		
111	42.4	19.9	59.7
148	65.6	32.6	97.8

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#92

1,2-Dibromo-3-Chloropropane

Concen: 49.166 ug/l

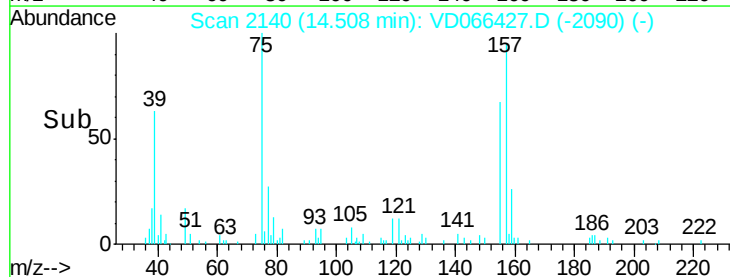
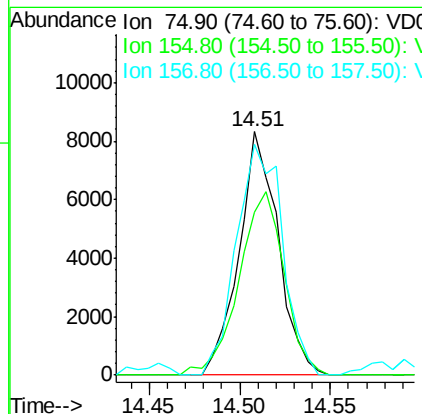
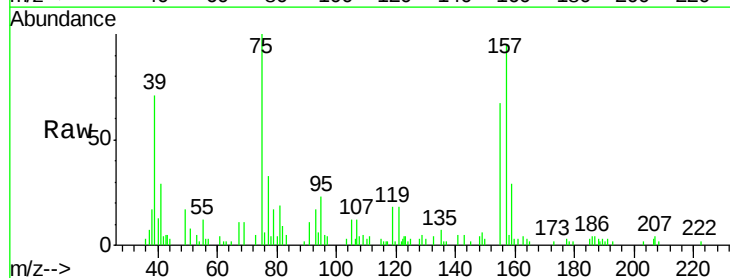
RT: 14.51 min Scan# 2140

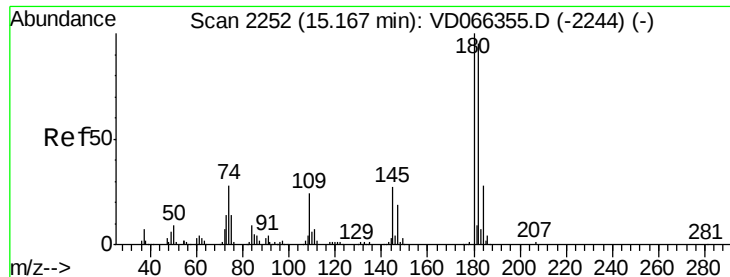
Delta R.T. -0.01 min

Lab File: VD066427.D

Acq: 26 Aug 2020 18:17

Tgt Ion:	75	Resp:	12493
Ion Ratio	Lower	Upper	
75	100		
155	87.0	46.9	140.6
157	111.5	61.0	183.0





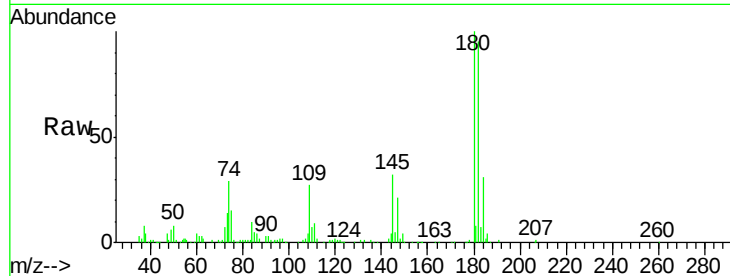
#93
 1,2,4-Trichlorobenzene
 Concen: 48.899 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066427.D
 Acq: 26 Aug 2020 18:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

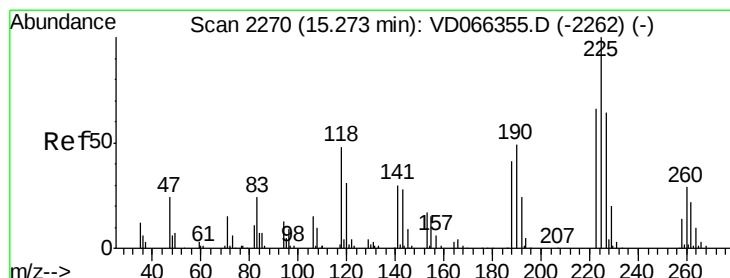
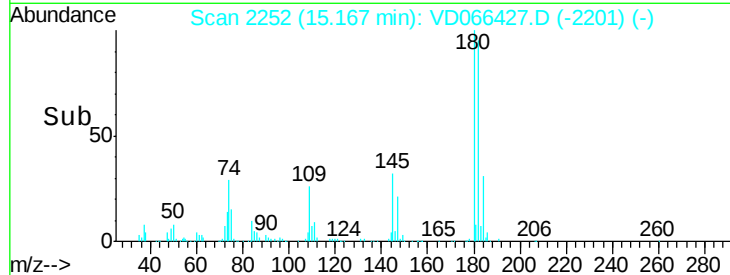
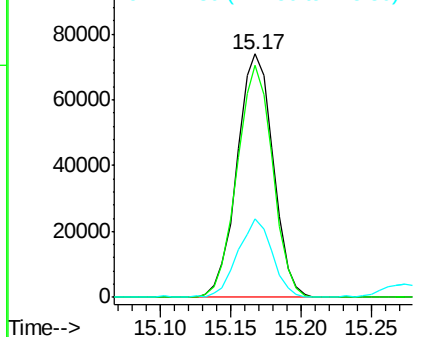
Tot Ion	Ratio	Resp	Lower	Upper
180	100	132048		
182	93.9	48.0	144.0	
145	31.1	15.2	45.6	

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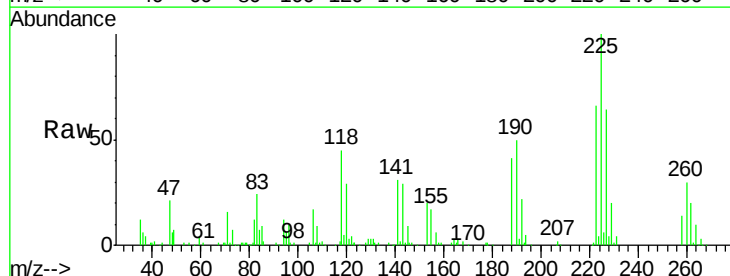


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

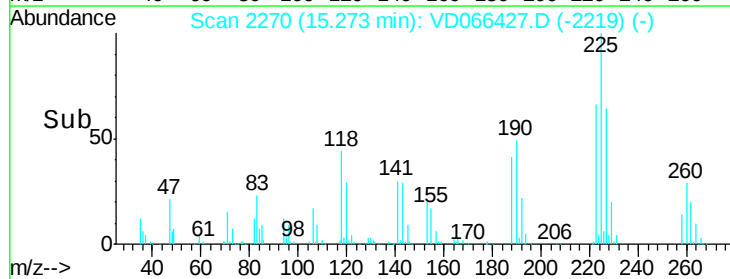
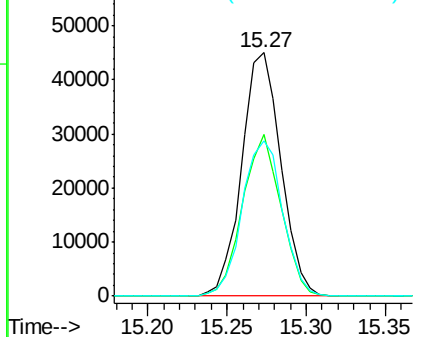


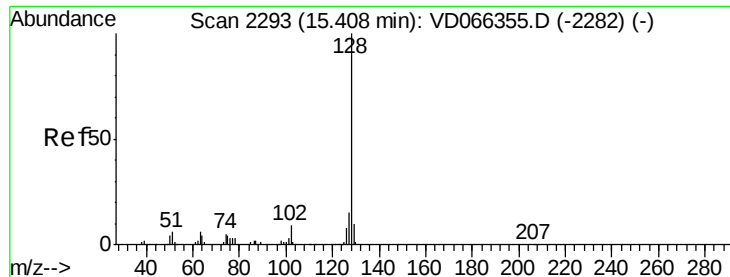
#94
 Hexachlorobutadiene
 Concen: 46.192 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066427.D
 Acq: 26 Aug 2020 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	77518		
223	65.1	32.5	97.4	
227	66.1	33.0	98.9	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 51.451 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD066427.D

Acq: 26 Aug 2020 18:17

Instrument :

MSVOA_D

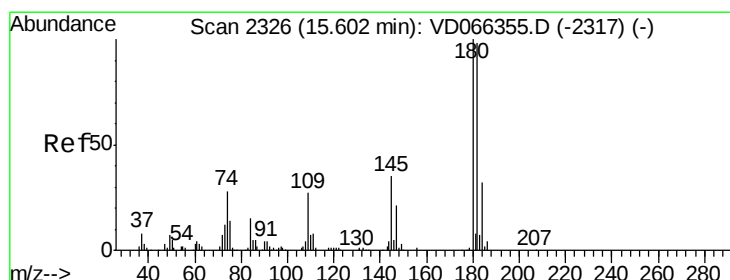
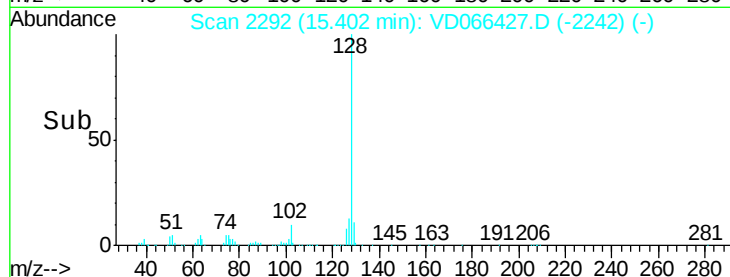
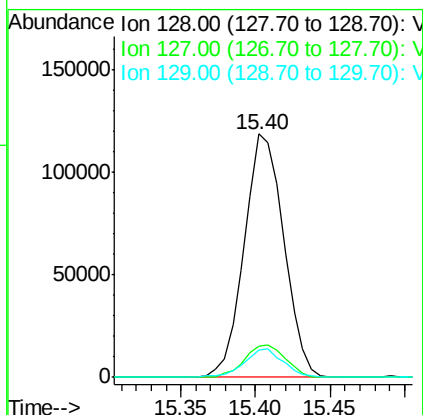
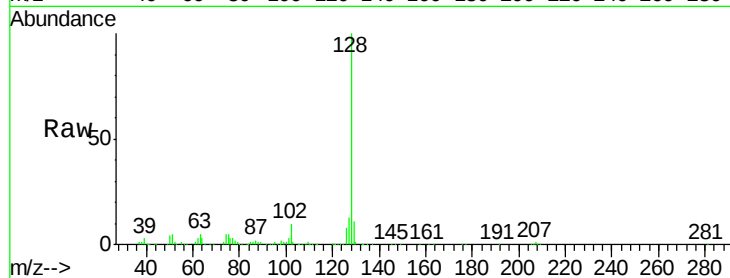
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	218224
Ion Ratio	Lower	Upper	
128	100		
127	13.9	10.7	16.1
129	11.7	8.6	12.8

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#96

1,2,3-Trichlorobenzene

Concen: 50.178 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VD066427.D

Acq: 26 Aug 2020 18:17

Tgt Ion:	180	Resp:	116078
Ion Ratio	Lower	Upper	
180	100		
182	94.7	46.7	140.0
145	33.1	16.0	48.0

