

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032720\
 Data File : VD065556.D
 Acq On : 27 Mar 2020 20:58
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 3/30/2020 2:55:29 PM

Quant Time: Mar 30 08:16:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 01:47:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	476220	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	711235	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	676985	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	334679	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	230368	58.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.22%	
35) Dibromofluoromethane	7.91	113	242930	55.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.68%	
50) Toluene-d8	10.34	98	926417	56.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.42%	
62) 4-Bromofluorobenzene	12.64	95	300240	57.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	118625	44.753	ug/l	100
3) Chloromethane	2.21	50	186897	49.704	ug/l	99
4) Vinyl Chloride	2.35	62	191538	43.523	ug/l	100
5) Bromomethane	2.77	94	139091	50.058	ug/l	99
6) Chloroethane	2.92	64	131084	46.094	ug/l	97
7) Trichlorofluoromethane	3.27	101	291837	44.450	ug/l	100
8) Diethyl Ether	3.70	74	75384	36.185	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.08	101	158306	36.559	ug/l	97
10) Methyl Iodide	4.29	142	212444	42.401	ug/l	97
11) Tert butyl alcohol	5.24	59	57905	259.754	ug/l	96
12) 1,1-Dichloroethene	4.06	96	148743	36.154	ug/l	96
13) Acrolein	3.93	56	84003	223.187	ug/l	98
14) Allyl chloride	4.71	41	300881	48.064	ug/l	100
15) Acrylonitrile	5.43	53	221852	258.615	ug/l	99
16) Acetone	4.17	43	141302	188.910	ug/l #	86
17) Carbon Disulfide	4.40	76	616292	45.438	ug/l	97
18) Methyl Acetate	4.72	43	96560	49.646	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	428647	52.241	ug/l	98
20) Methylene Chloride	4.96	84	237239	51.375	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	228052	48.180	ug/l	97
22) Diisopropyl ether	6.37	45	659677	54.343	ug/l	98
23) Vinyl Acetate	6.31	43	1790743	270.832	ug/l	100
24) 1,1-Dichloroethane	6.26	63	387598	50.353	ug/l	98
25) 2-Butanone	7.22	43	254696	250.728	ug/l	99
26) 2,2-Dichloropropane	7.21	77	309101	45.346	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	249581	50.884	ug/l	99
28) Bromochloromethane	7.55	49	170920	53.403	ug/l	99
29) Tetrahydrofuran	7.57	42	170576	259.088	ug/l	99
30) Chloroform	7.71	83	402168	50.437	ug/l	99
31) Cyclohexane	7.98	56	323892	43.465	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	341702	47.435	ug/l	99
36) 1,1-Dichloropropene	8.11	75	297223	45.739	ug/l	100
37) Ethyl Acetate	7.30	43	125770	50.563	ug/l	96
38) Carbon Tetrachloride	8.10	117	311299	45.483	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	350062	45.692	ug/l	100
40) Benzene	8.35	78	918397	49.528	ug/l	100
41) Methacrylonitrile	7.53	41	83426	58.102	ug/l	89
42) 1,2-Dichloroethane	8.43	62	252004	51.073	ug/l	99
43) Isopropyl Acetate	8.46	43	225677	49.962	ug/l	98
44) Trichloroethene	9.11	130	251750	46.791	ug/l	99
45) 1,2-Dichloropropane	9.39	63	229249	50.895	ug/l	100
46) Dibromomethane	9.48	93	121382	51.355	ug/l	98
47) Bromodichloromethane	9.67	83	314688	50.258	ug/l	98
48) Methyl methacrylate	9.46	41	108090	50.327	ug/l	100
49) 1,4-Dioxane	9.47	88	28403	1105.111	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	602794	264.441	ug/l	100
52) Toluene	10.41	92	594662	50.639	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	293126	51.185	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	353364	50.433	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	166892	49.497	ug/l	98
56) Ethyl methacrylate	10.67	69	194455	47.408	ug/l	98
57) 1,3-Dichloropropane	10.95	76	283370	49.943	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	544495	284.576	ug/l	99
59) 2-Hexanone	10.99	43	397127	255.516	ug/l	99
60) Dibromochloromethane	11.14	129	222245	49.738	ug/l	100
61) 1,2-Dibromoethane	11.25	107	162507	49.798	ug/l	99
64) Tetrachloroethene	10.88	164	217770	44.906	ug/l	95
65) Chlorobenzene	11.67	112	630070	47.606	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	240946	48.818	ug/l	99
67) Ethyl Benzene	11.75	91	1077182	48.322	ug/l	99
68) m/p-Xylenes	11.86	106	845304	96.575	ug/l	98
69) o-Xylene	12.18	106	379719	49.536	ug/l	98
70) Styrene	12.20	104	690992	51.037	ug/l	100
71) Bromoform	12.37	173	133863	49.172	ug/l #	100
73) Isopropylbenzene	12.48	105	1011686	49.230	ug/l	99
74) N-amyl acetate	12.30	43	206283	50.863	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	174574	48.907	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	110796m	43.060	ug/l	
77) Bromobenzene	12.77	156	268669	50.030	ug/l	99
78) n-propylbenzene	12.83	91	1200826	49.022	ug/l	99
79) 2-Chlorotoluene	12.91	91	679016	48.589	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	853946	50.134	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	54351	47.151	ug/l	97
82) 4-Chlorotoluene	13.01	91	721701	48.595	ug/l	99
83) tert-Butylbenzene	13.23	119	702315	49.231	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	848015	49.799	ug/l	99
85) sec-Butylbenzene	13.41	105	972268	47.626	ug/l	100
86) p-Isopropyltoluene	13.53	119	921950	49.007	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	494605	47.843	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	482573	46.717	ug/l	99
89) n-Butylbenzene	13.85	91	807182	47.247	ug/l	100
90) Hexachloroethane	14.12	117	180820	45.834	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	430892	49.100	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	25381	47.198	ug/l	94

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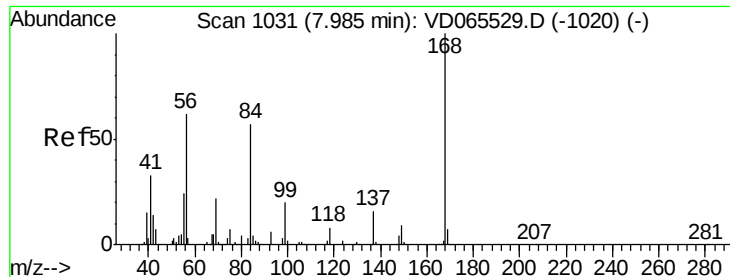
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	287678	47.401	ug/l	98
94) Hexachlorobutadiene	15.28	225	176016	44.506	ug/l	99
95) Naphthalene	15.41	128	456533	44.668	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	255933	49.100	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065556.D

Acq: 27 Mar 2020 20:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 476220

Ion Ratio Lower Upper

168 100

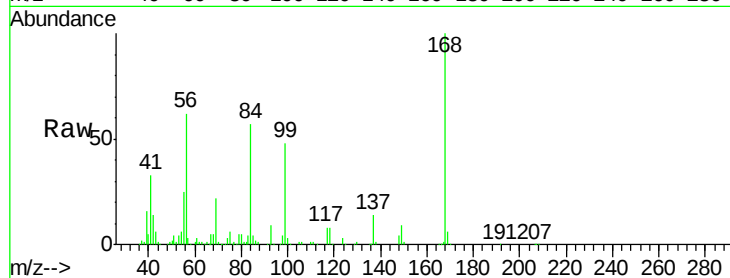
99 48.3 39.1 58.7

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

250000

200000

150000

100000

50000

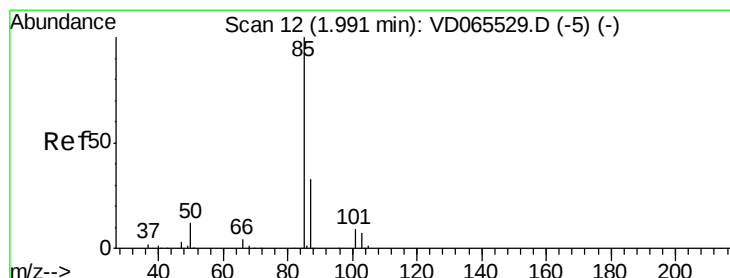
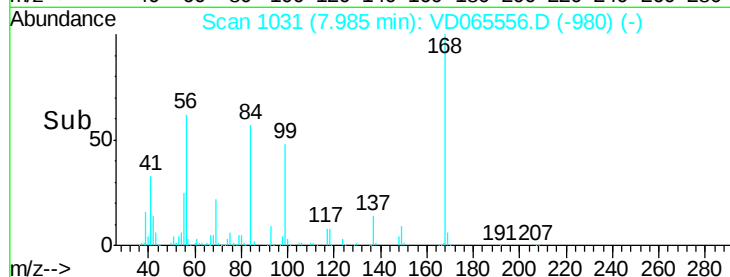
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 44.753 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD065556.D

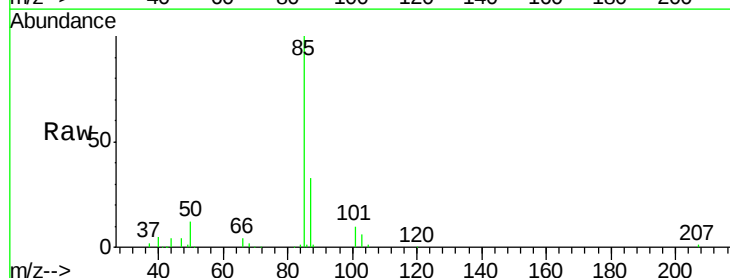
Acq: 27 Mar 2020 20:58

Tgt Ion: 85 Resp: 118625

Ion Ratio Lower Upper

85 100

87 32.9 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

100000

80000

60000

40000

20000

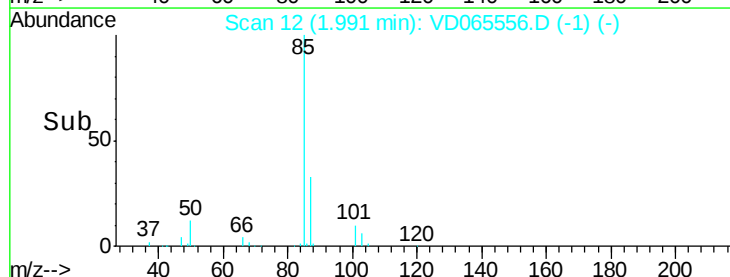
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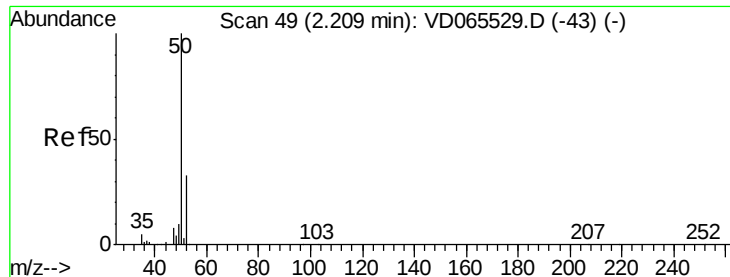
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 49.704 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065556.D

Acq: 27 Mar 2020 20:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 186897

Ion Ratio Lower Upper

50 100

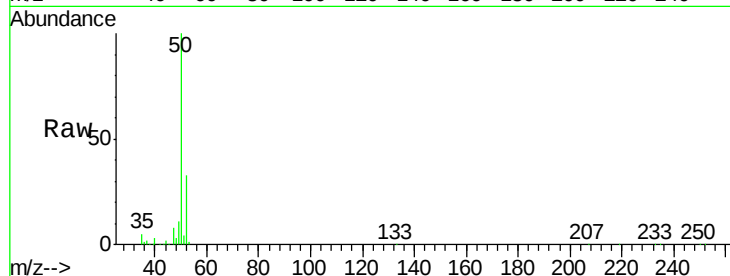
52 33.4 26.3 39.5

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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

150000

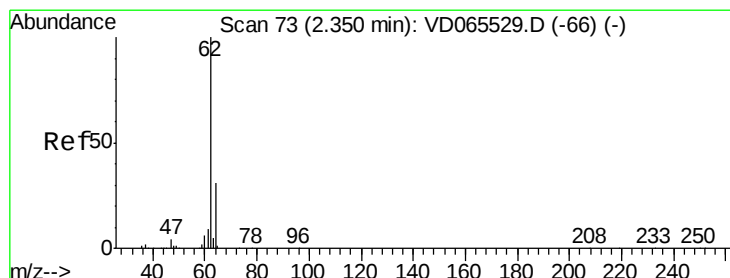
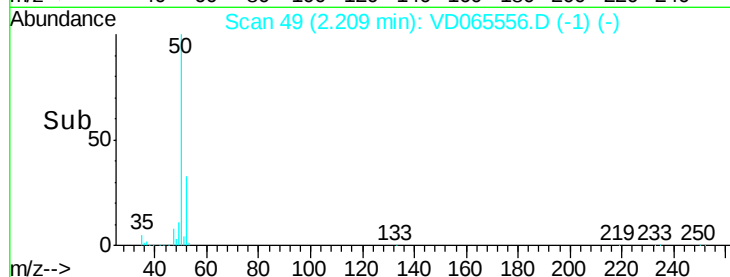
100000

50000

0

2.15 2.20 2.25 2.30

Time-->



#4

Vinyl Chloride

Concen: 43.523 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065556.D

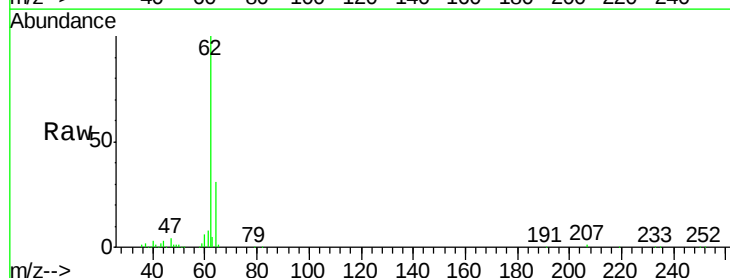
Acq: 27 Mar 2020 20:58

Tgt Ion: 62 Resp: 191538

Ion Ratio Lower Upper

62 100

64 30.8 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

150000

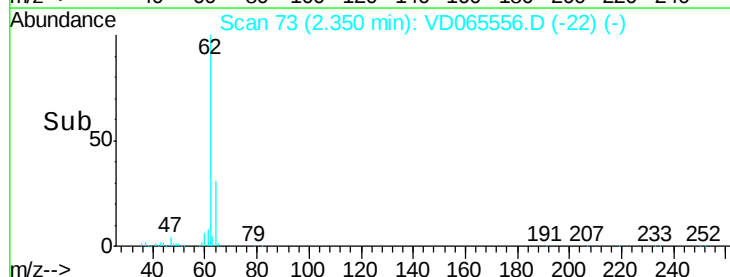
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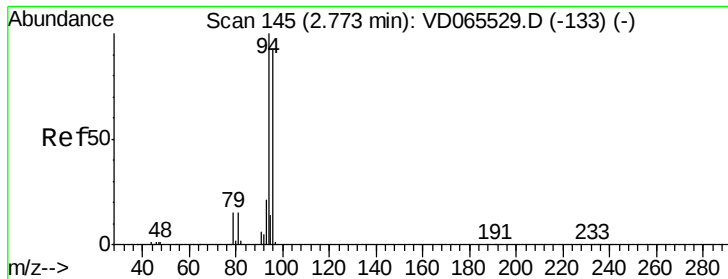
50000

0

2.25 2.30 2.35 2.40 2.45

Time-->





#5

Bromomethane

Concen: 50.058 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD065556.D

Acq: 27 Mar 2020 20:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 139091

Ion Ratio Lower Upper

94 100

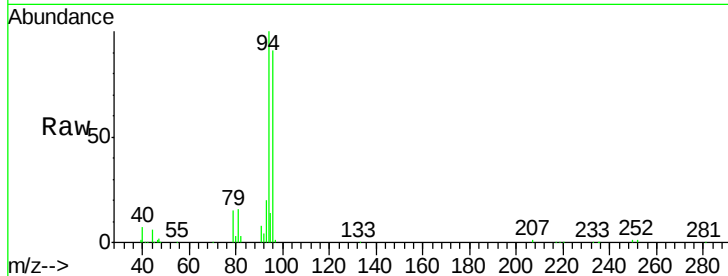
96 91.0 73.4 110.2

Manual Integrations

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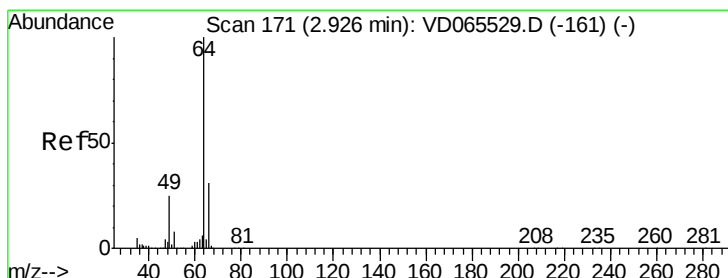
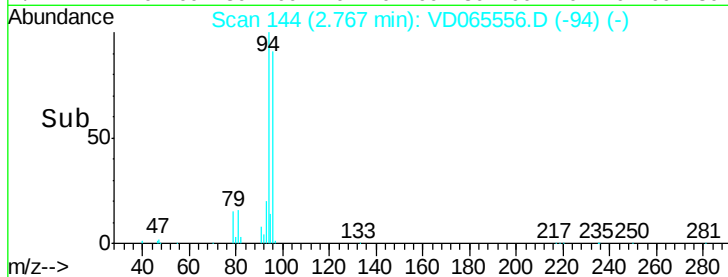
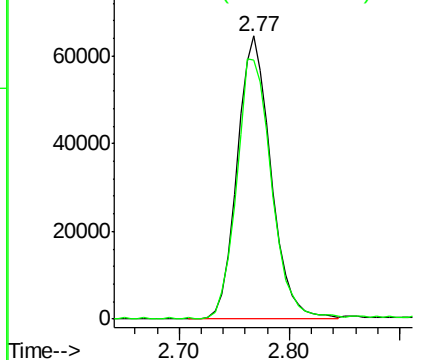
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 46.094 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD065556.D

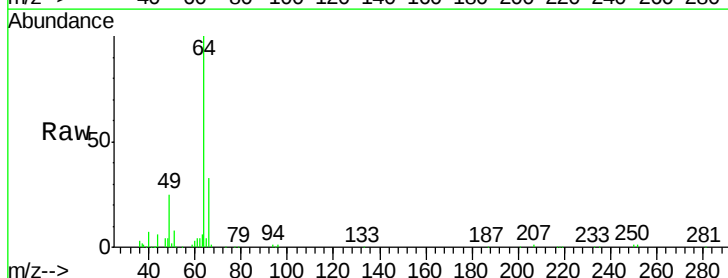
Acq: 27 Mar 2020 20:58

Tgt Ion: 64 Resp: 131084

Ion Ratio Lower Upper

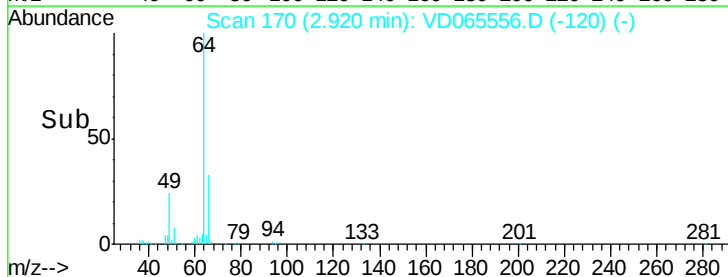
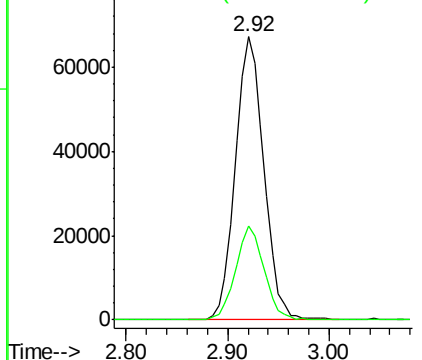
64 100

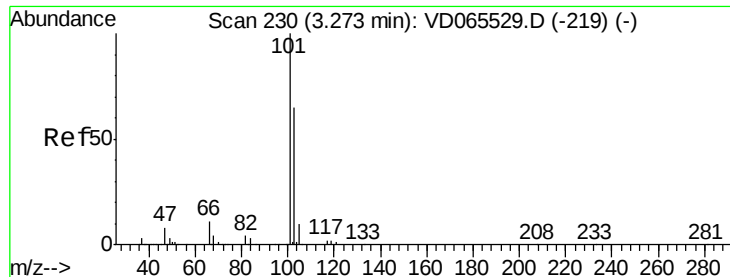
66 33.2 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

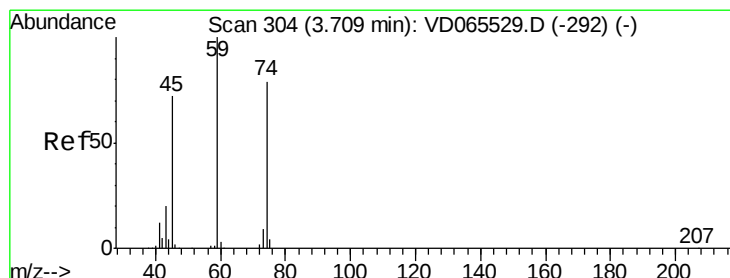
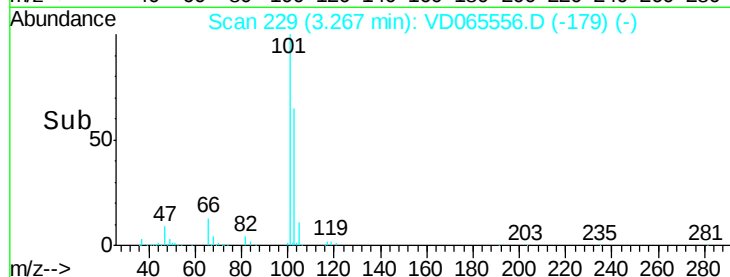
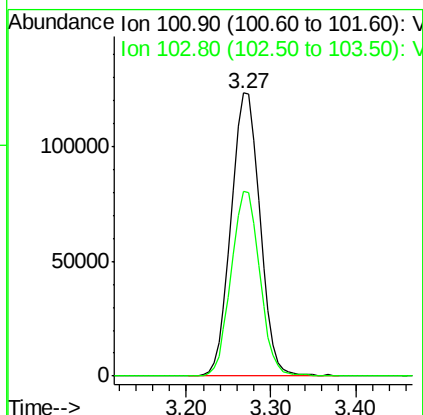
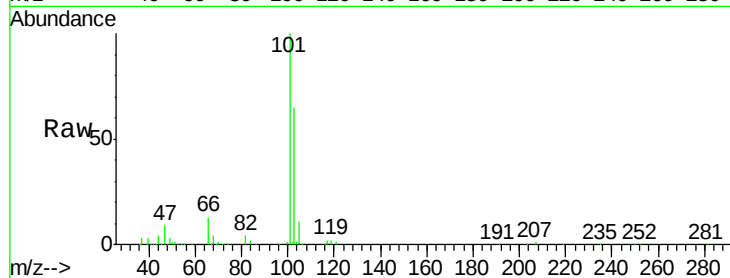
Trichlorofluoromethane
Concen: 44.450 ug/l
RT: 3.27 min Scan# 229
Delta R.T. -0.01 min
Lab File: VD065556.D
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VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	51.9	77.9

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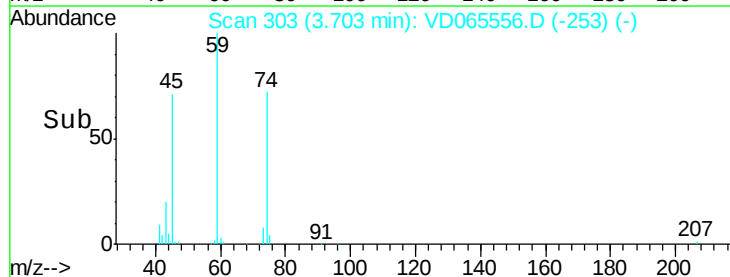
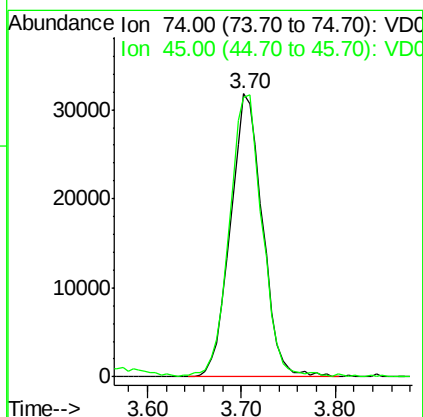
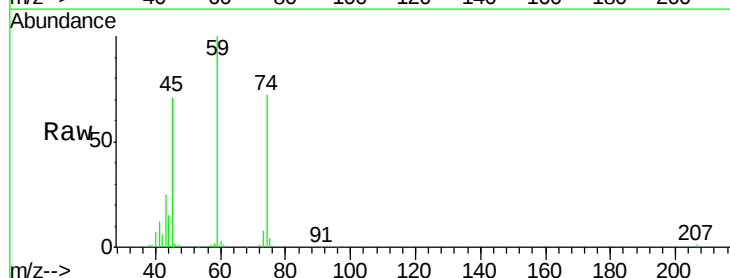
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3/30/2020 2:55:29 PM

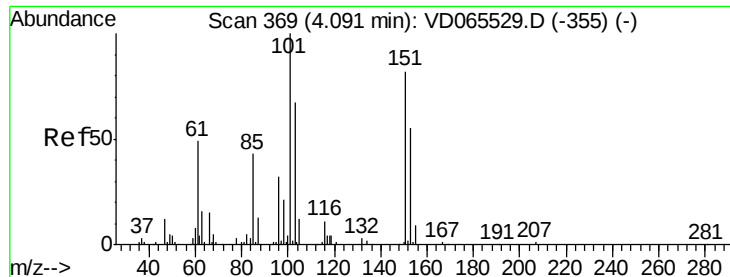


#8

Diethyl Ether
Concen: 36.185 ug/l
RT: 3.70 min Scan# 303
Delta R.T. -0.01 min
Lab File: VD065556.D
Acq: 27 Mar 2020 20:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.4	48.2	144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 36.559 ug/l

RT: 4.08 min Scan# 367

Delta R.T. -0.01 min

Lab File: VD065556.D

Acq: 27 Mar 2020 20:58

Instrument :

MSVOA_D

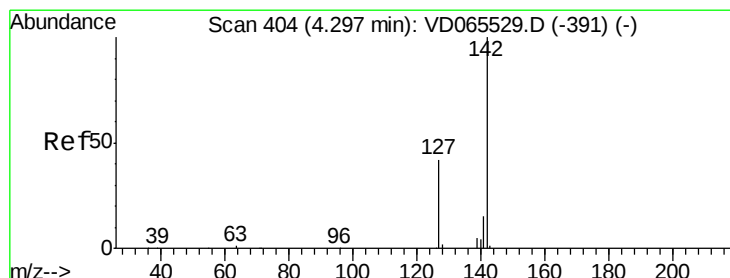
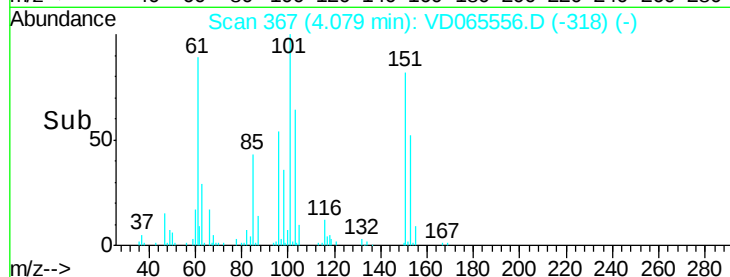
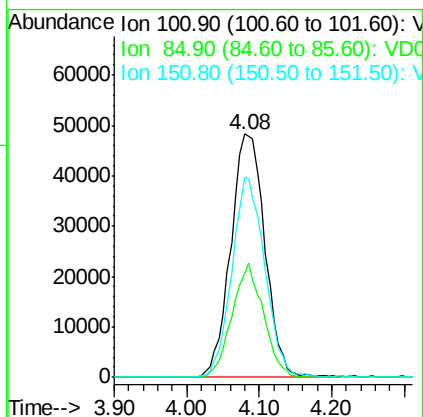
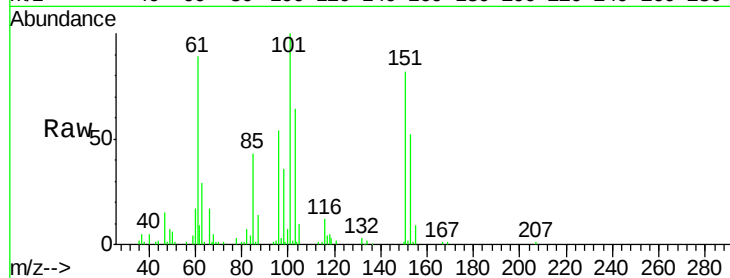
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	158306
Ion Ratio	Lower	Upper	
101	100		
85	42.9	32.6	48.8
151	79.2	65.5	98.3

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#10

Methyl Iodide

Concen: 42.401 ug/l

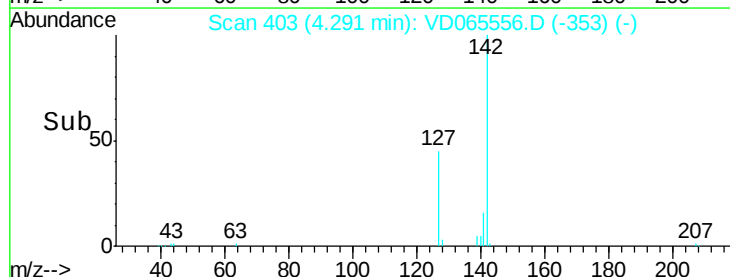
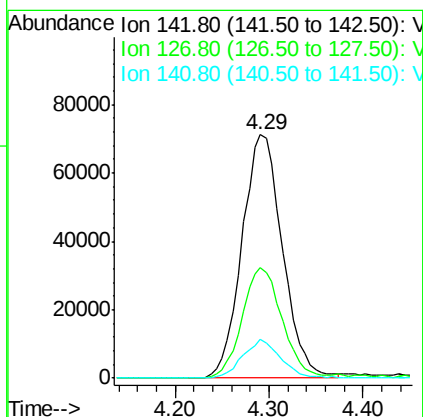
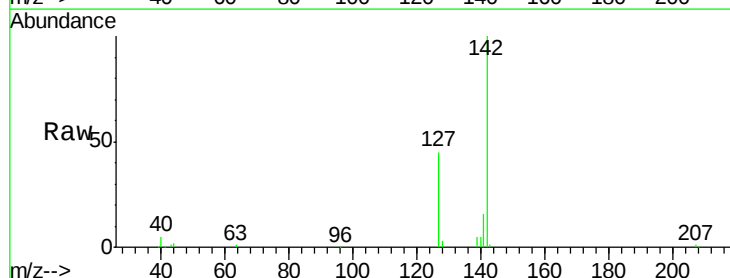
RT: 4.29 min Scan# 403

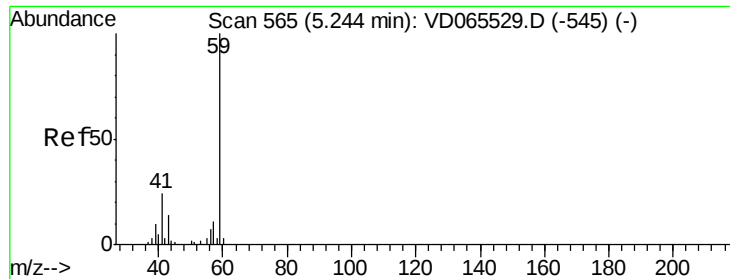
Delta R.T. -0.01 min

Lab File: VD065556.D

Acq: 27 Mar 2020 20:58

Tgt Ion:	142	Resp:	212444
Ion Ratio	Lower	Upper	
142	100		
127	45.0	33.9	50.9
141	14.9	11.6	17.4





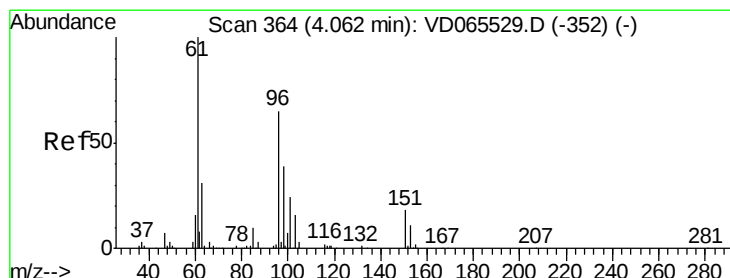
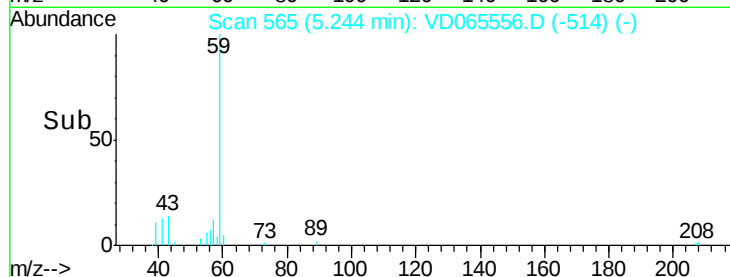
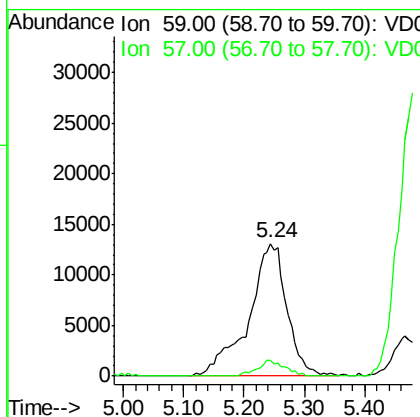
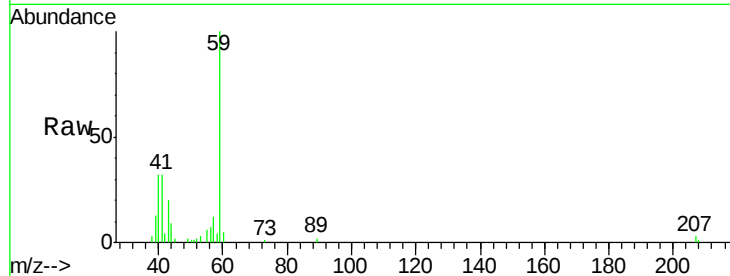
#11
Tert butyl alcohol
Concen: 259.754 ug/l
RT: 5.24 min Scan# 565
Delta R.T. -0.00 min
Lab File: VD065556.D
Acq: 27 Mar 2020 20:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 57905
Ion Ratio Lower Upper
59 100
57 8.5 8.1 12.1

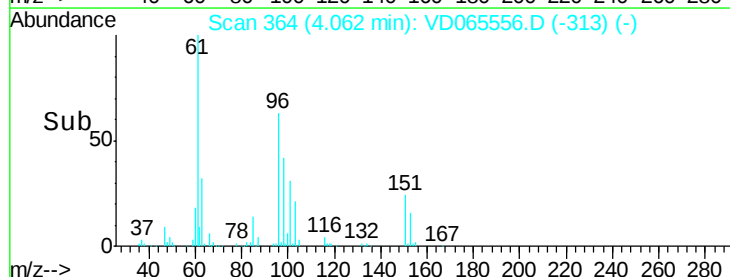
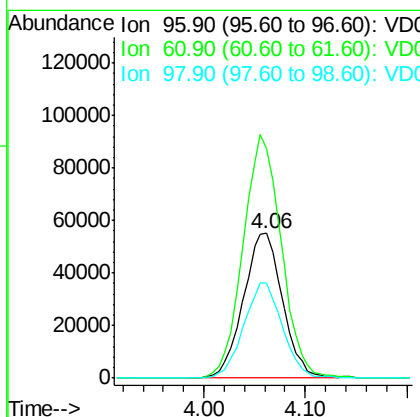
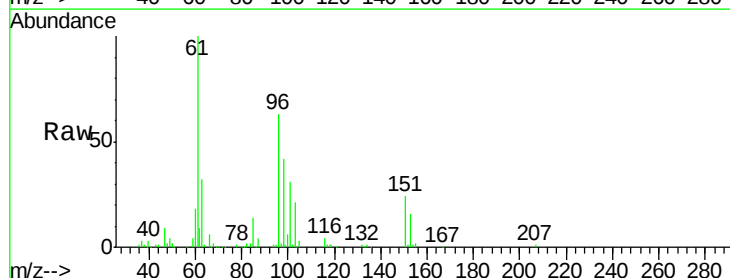
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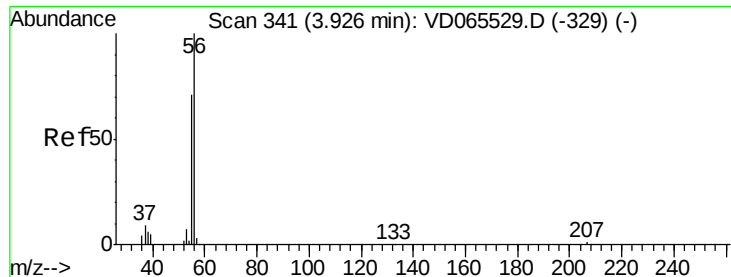
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#12
1,1-Dichloroethene
Concen: 36.154 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.00 min
Lab File: VD065556.D
Acq: 27 Mar 2020 20:58

Tgt Ion: 96 Resp: 148743
Ion Ratio Lower Upper
96 100
61 158.1 124.0 186.0
98 65.7 48.2 72.4





#13

Acrolein

Concen: 223.187 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD065556.D

Acq: 27 Mar 2020 20:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 84003

Ion Ratio Lower Upper

56 100

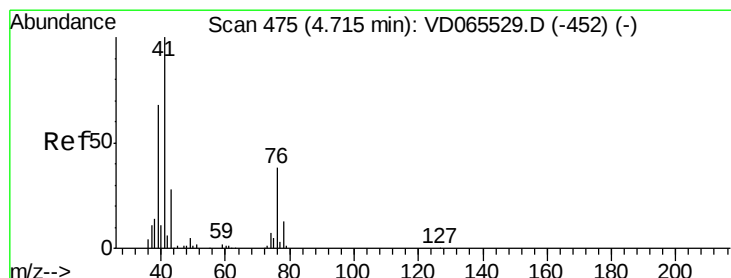
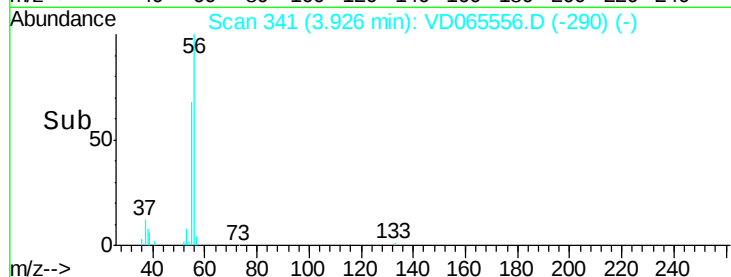
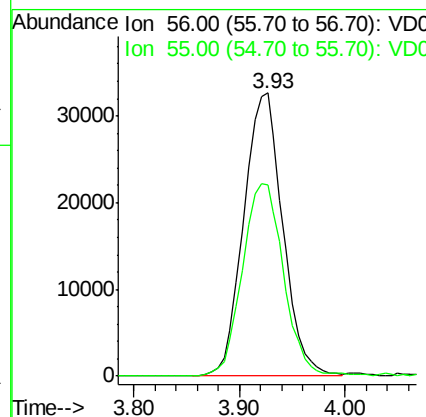
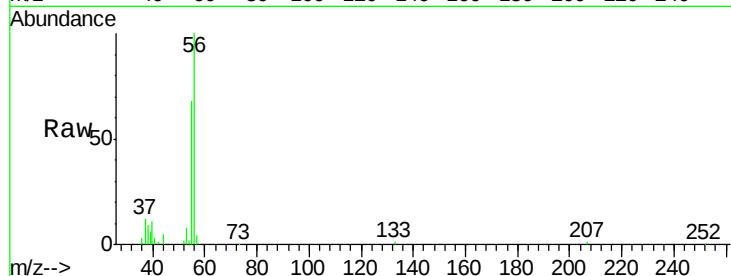
55 71.6 56.2 84.2

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#14

Allyl chloride

Concen: 48.064 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD065556.D

Acq: 27 Mar 2020 20:58

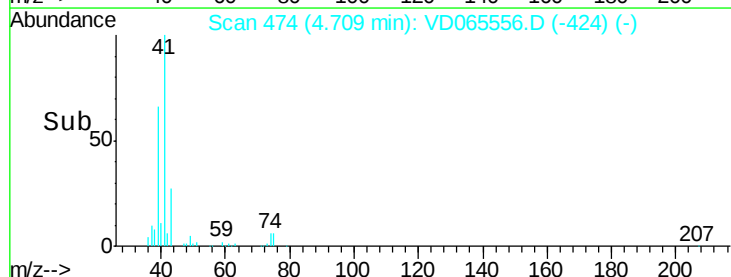
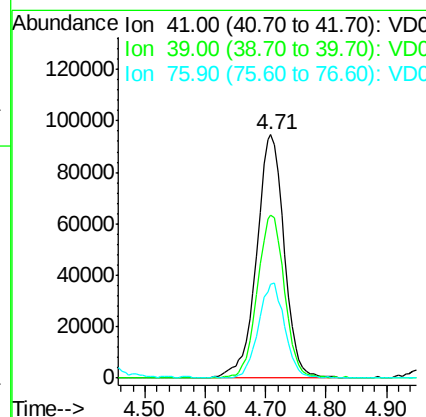
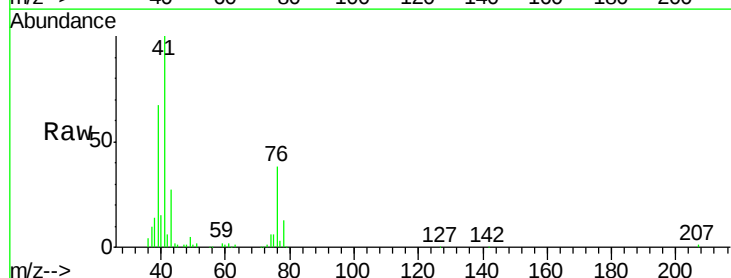
Tgt Ion: 41 Resp: 300881

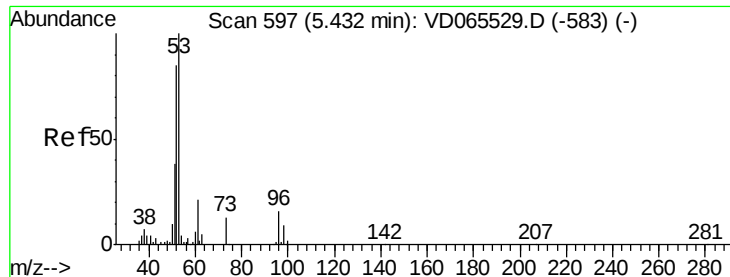
Ion Ratio Lower Upper

41 100

39 66.0 52.9 79.3

76 36.5 28.9 43.3





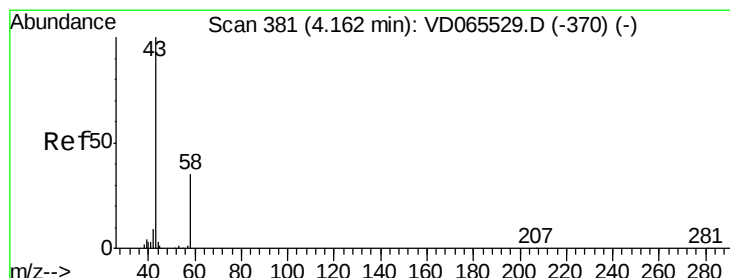
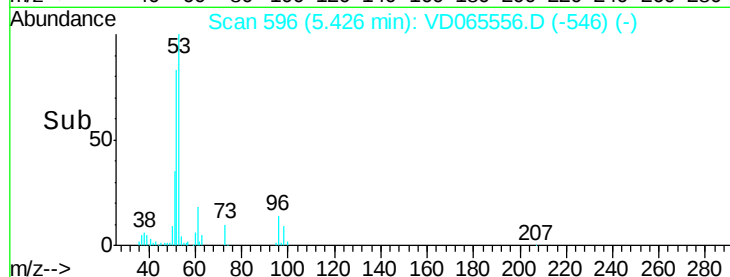
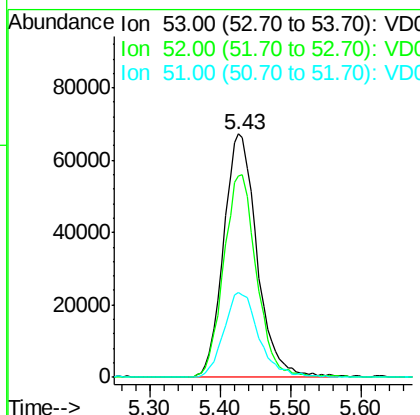
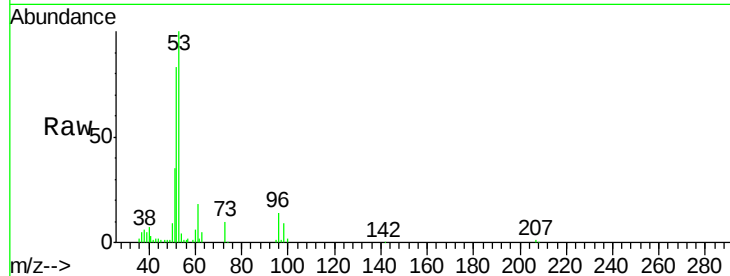
#15
 Acrylonitrile
 Concen: 258.615 ug/l
 RT: 5.43 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: VD065556.D
 Acq: 27 Mar 2020 20:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	53	Resp:	221852
Ion Ratio	Lower	Upper	
53	100		
52	81.6	65.8	98.6
51	36.6	29.7	44.5

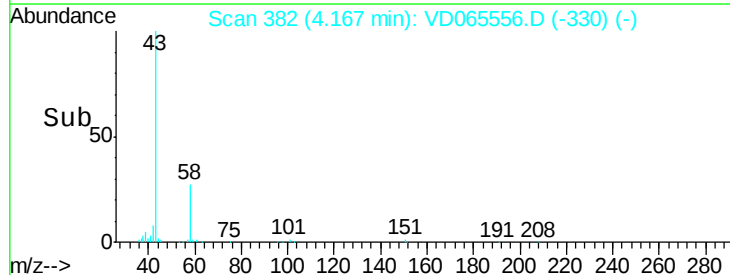
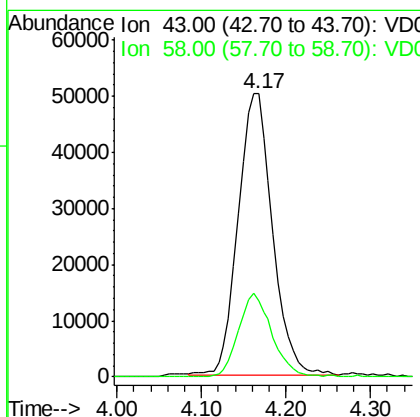
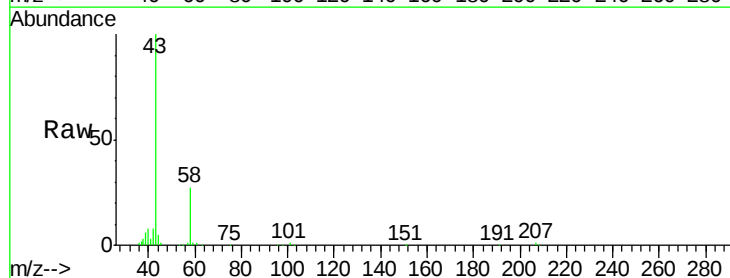
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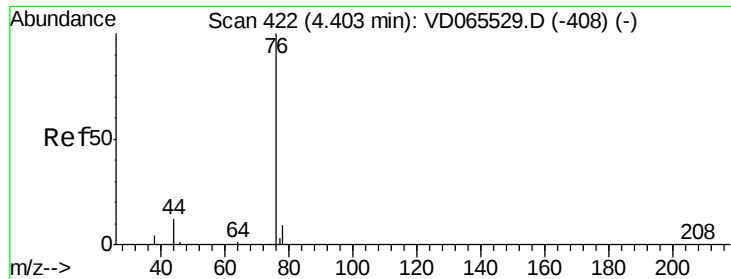
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#16
 Acetone
 Concen: 188.910 ug/l
 RT: 4.17 min Scan# 382
 Delta R.T. 0.01 min
 Lab File: VD065556.D
 Acq: 27 Mar 2020 20:58

Tgt Ion:	43	Resp:	141302
Ion Ratio	Lower	Upper	
43	100		
58	26.6	27.9	41.9#





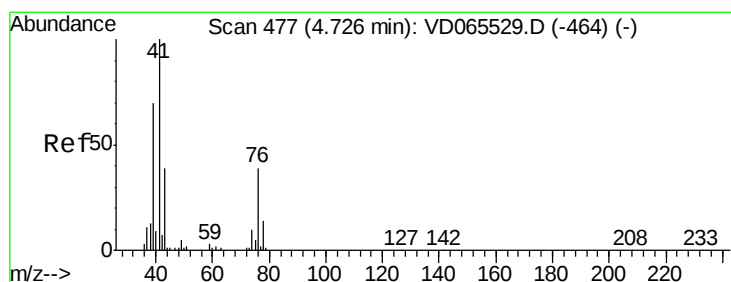
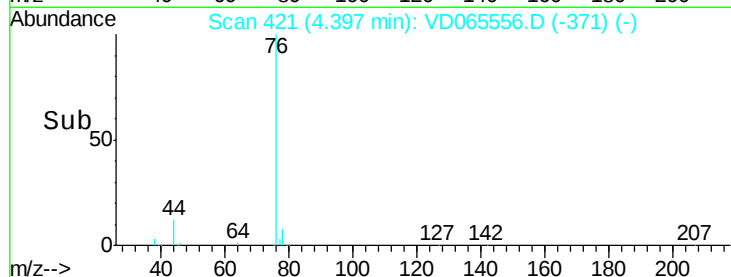
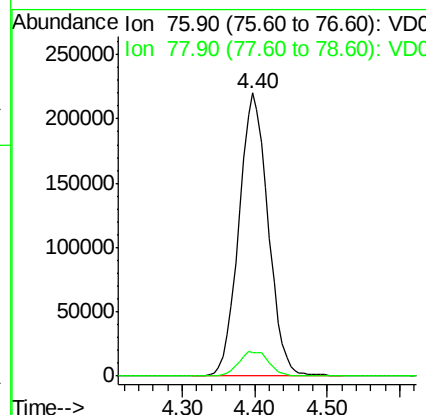
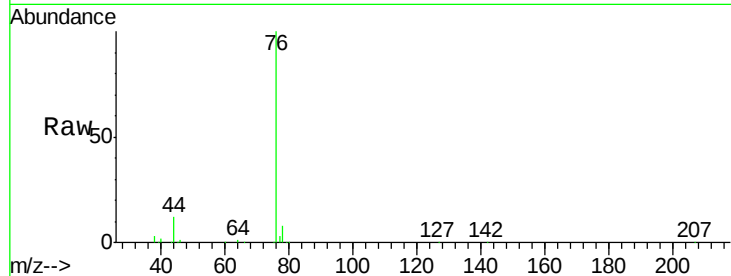
#17
Carbon Disulfide
Concen: 45.438 ug/l
RT: 4.40 min Scan# 421
Delta R.T. -0.01 min
Lab File: VD065556.D
Acq: 27 Mar 2020 20:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.5	11.3

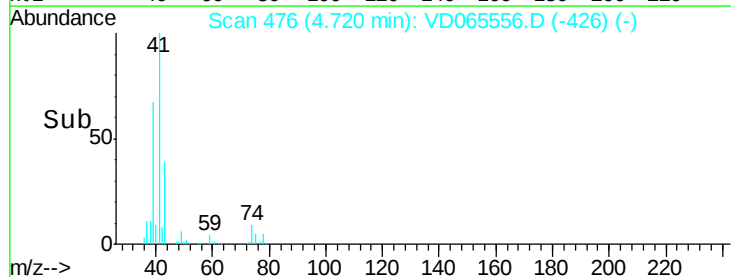
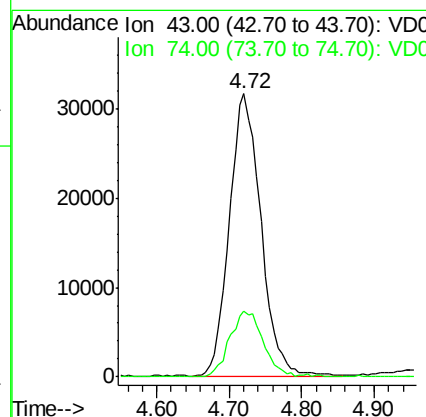
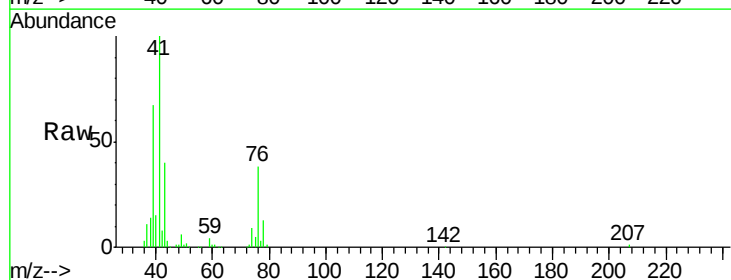
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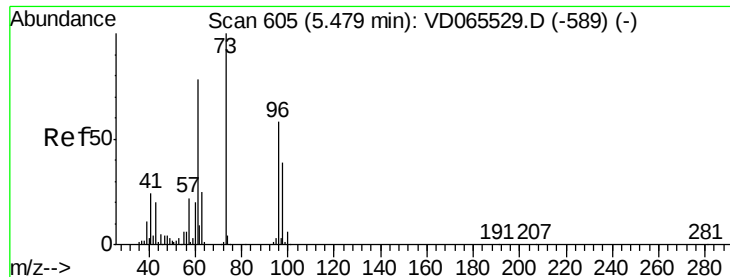
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#18
Methyl Acetate
Concen: 49.646 ug/l
RT: 4.72 min Scan# 476
Delta R.T. -0.01 min
Lab File: VD065556.D
Acq: 27 Mar 2020 20:58

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.2	20.1	30.1





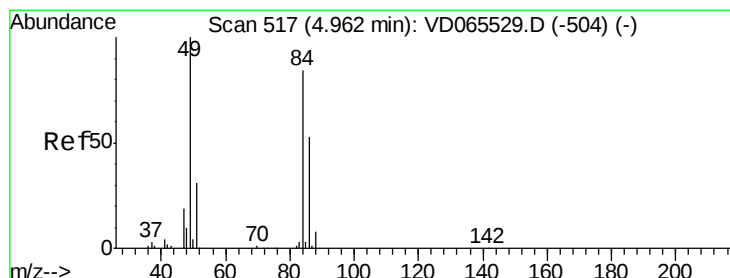
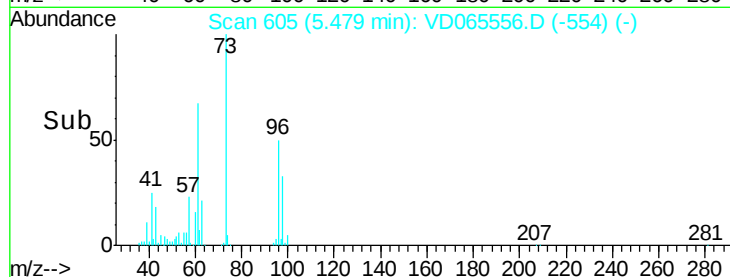
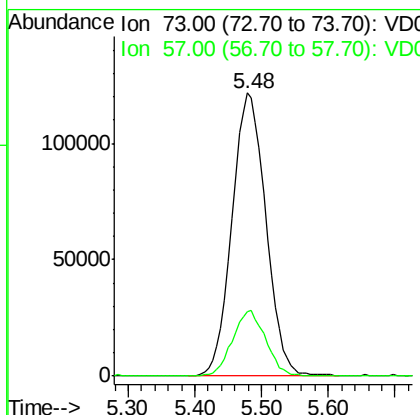
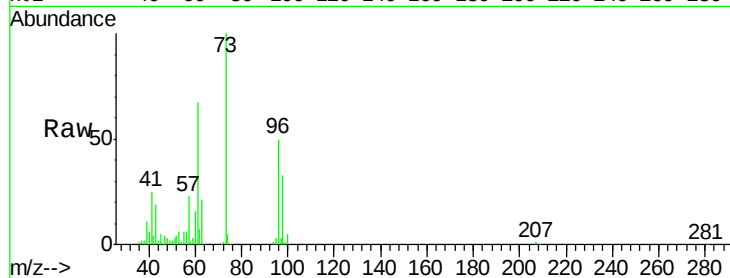
#19
Methvl tert-butvl Ether
Concen: 52.241 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD065556.D
Acq: 27 Mar 2020 20:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.0	17.7	26.5

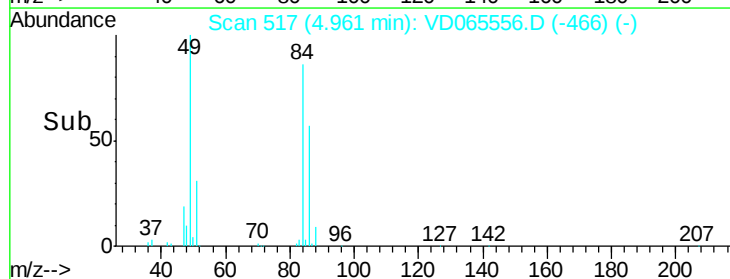
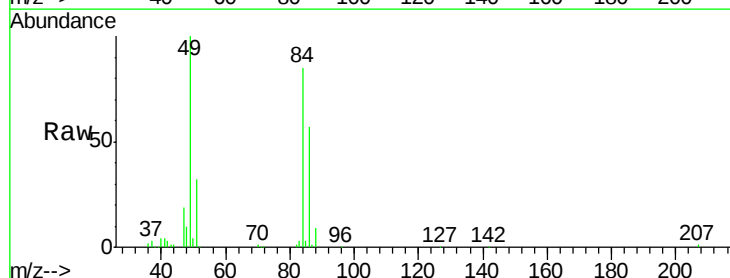
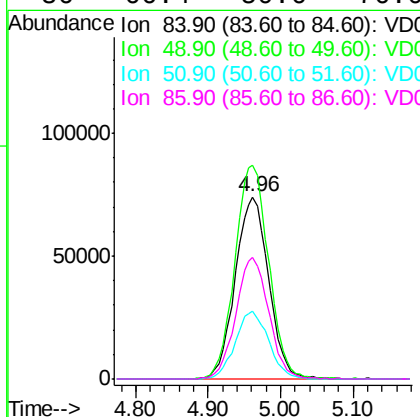
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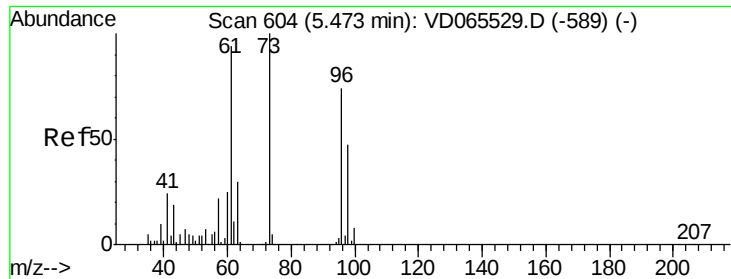
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#20
Methylene Chloride
Concen: 51.375 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD065556.D
Acq: 27 Mar 2020 20:58

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.1	95.6	143.4
51	37.0	29.4	44.2
86	66.4	50.6	76.0





#21

trans-1,2-Dichloroethene

Concen: 48.180 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD065556.D

Acq: 27 Mar 2020 20:58

Instrument :

MSVOA_D

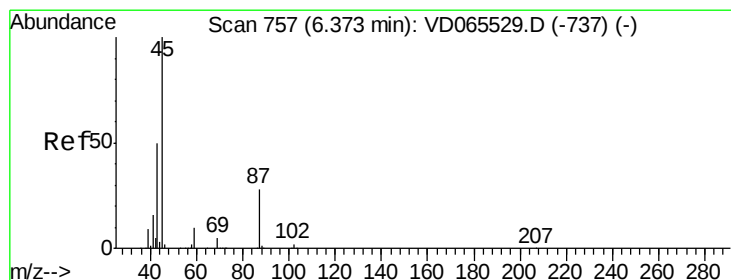
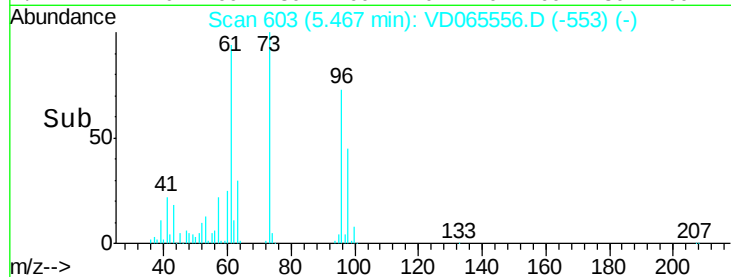
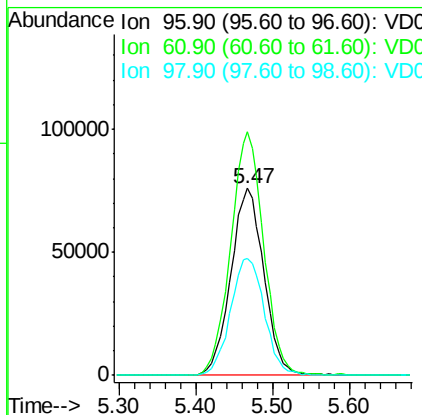
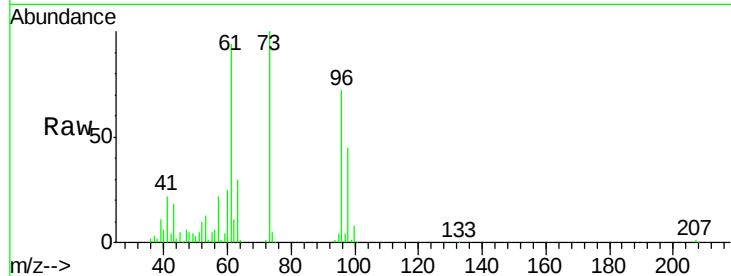
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	228052
Ion	Ratio	Lower	Upper
96	100		
61	130.1	101.8	152.6
98	62.2	51.4	77.2

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#22

Diisopropyl ether

Concen: 54.343 ug/l

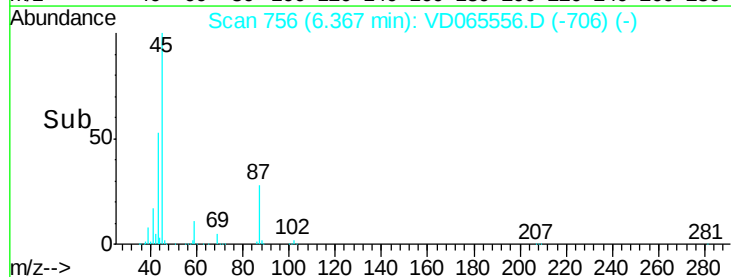
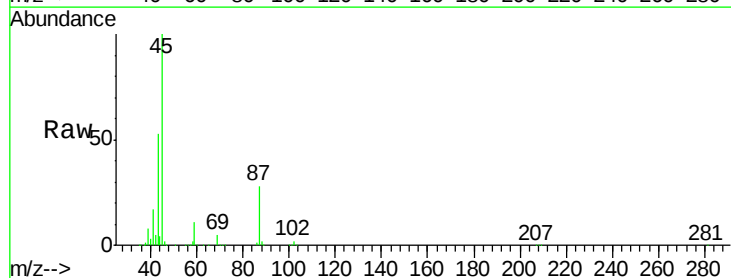
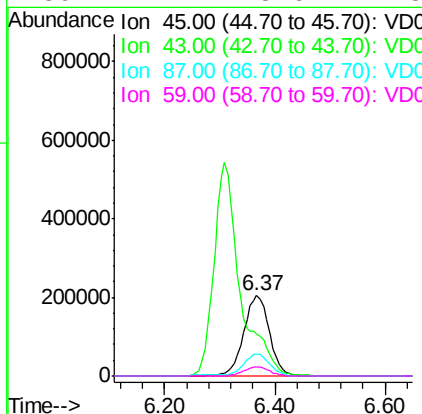
RT: 6.37 min Scan# 756

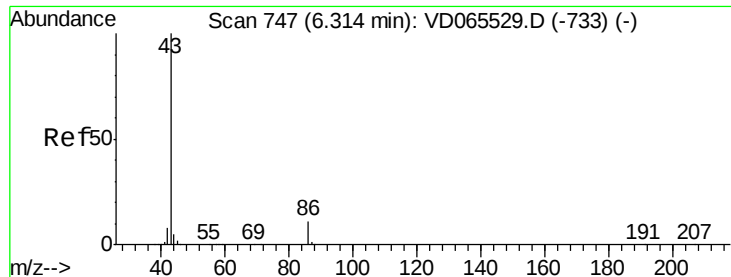
Delta R.T. -0.01 min

Lab File: VD065556.D

Acq: 27 Mar 2020 20:58

Tgt Ion:	45	Resp:	659677
Ion	Ratio	Lower	Upper
45	100		
43	52.2	40.5	60.7
87	27.8	22.5	33.7
59	11.1	8.6	12.8





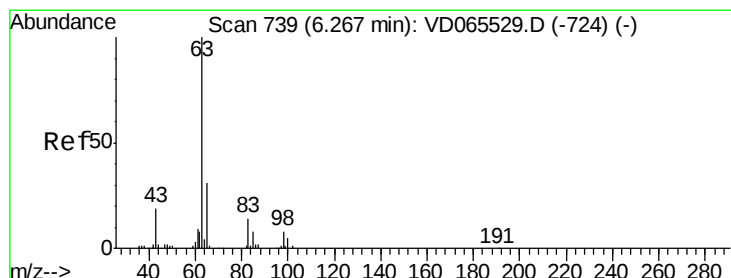
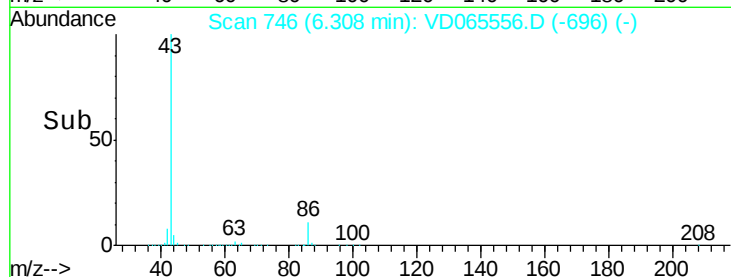
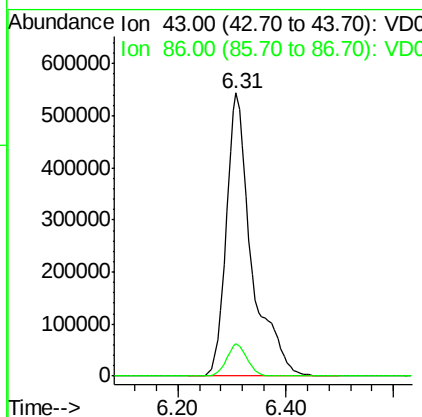
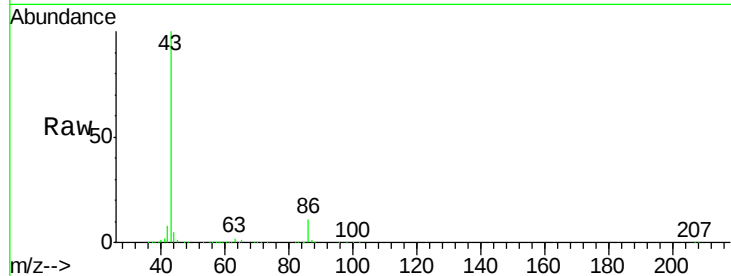
#23
 Vinyl Acetate
 Concen: 270.832 ug/l
 RT: 6.31 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: VD065556.D
 Acq: 27 Mar 2020 20:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1790743
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.0 13.4

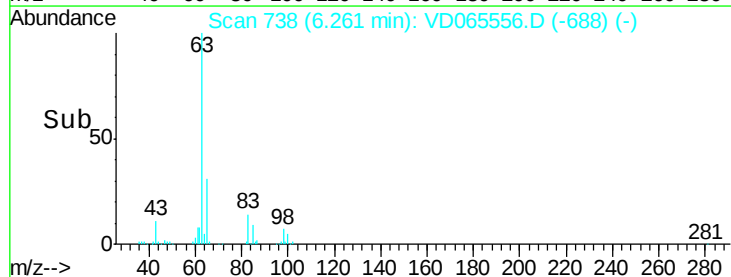
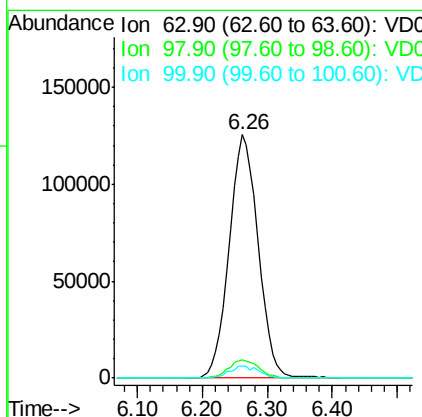
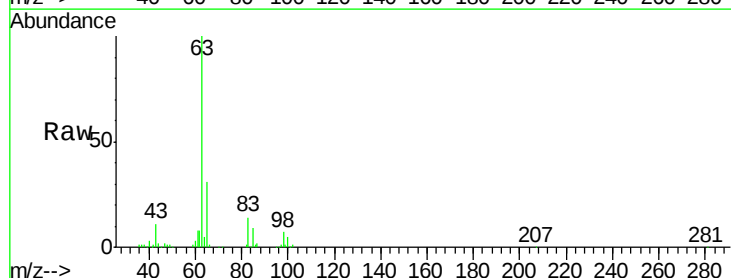
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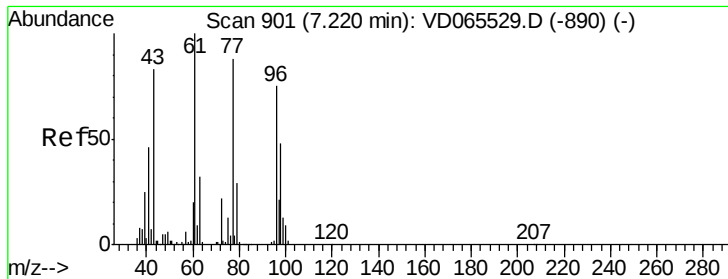
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#24
 1,1-Dichloroethane
 Concen: 50.353 ug/l
 RT: 6.26 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: VD065556.D
 Acq: 27 Mar 2020 20:58

Tgt Ion: 63 Resp: 387598
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.2 12.6
 100 4.7 2.5 7.4





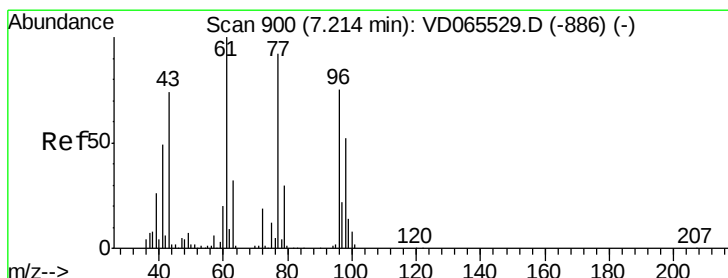
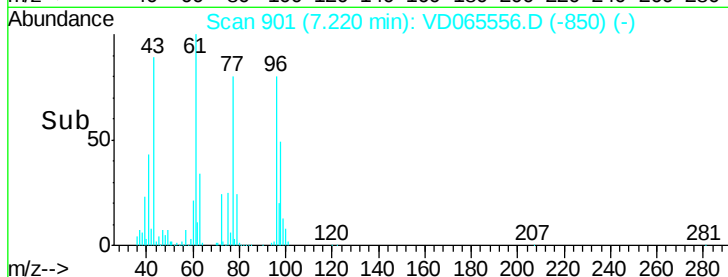
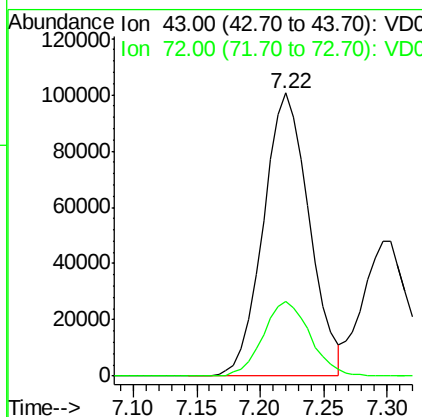
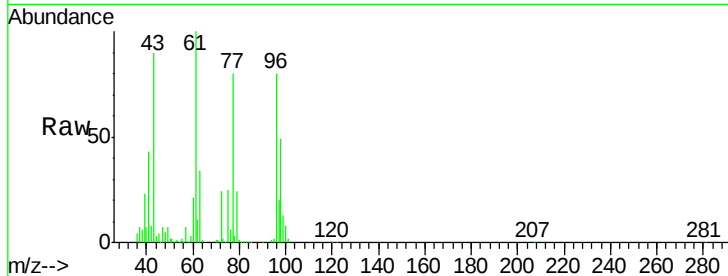
#25
2-Butanone
Concen: 250.728 ug/l
RT: 7.22 min Scan# 901
Delta R.T. -0.00 min
Lab File: VD065556.D
Acq: 27 Mar 2020 20:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
72	26.5	21.5	32.3

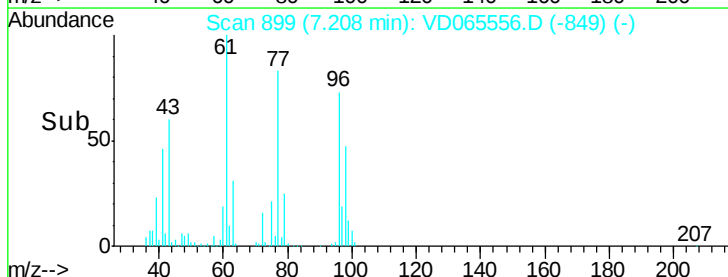
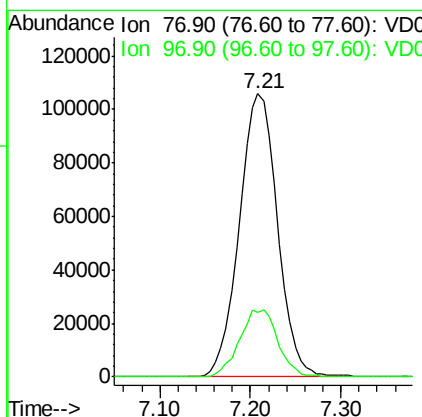
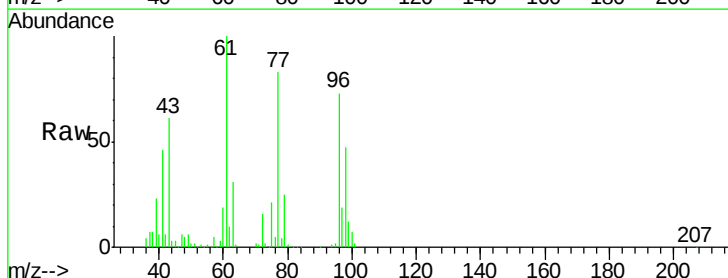
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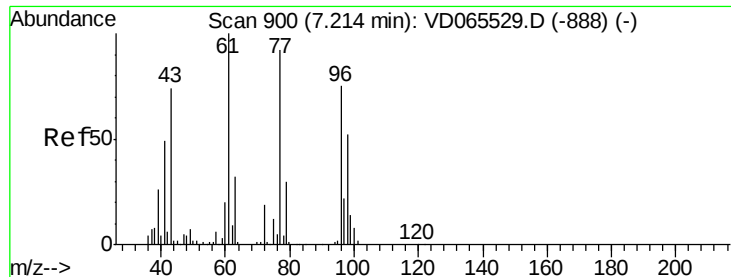
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#26
2,2-Dichloropropane
Concen: 45.346 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD065556.D
Acq: 27 Mar 2020 20:58

Tgt Ion	Ratio	Lower	Upper
77	100		
97	24.0	11.7	35.1





#27

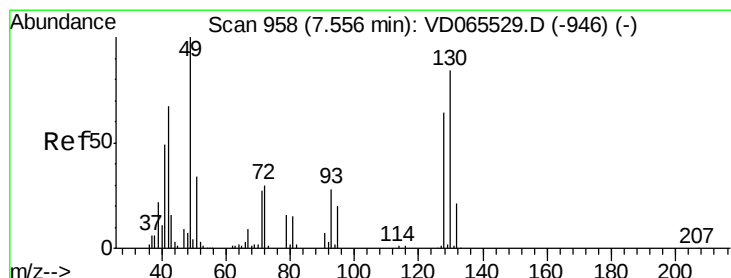
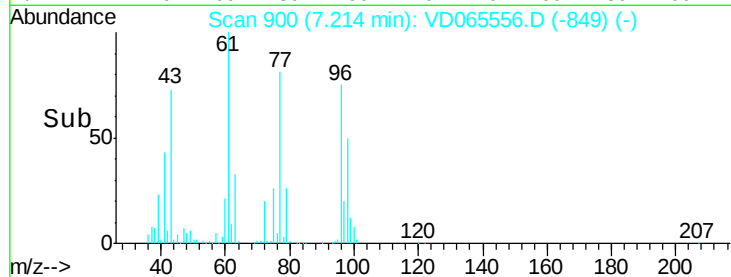
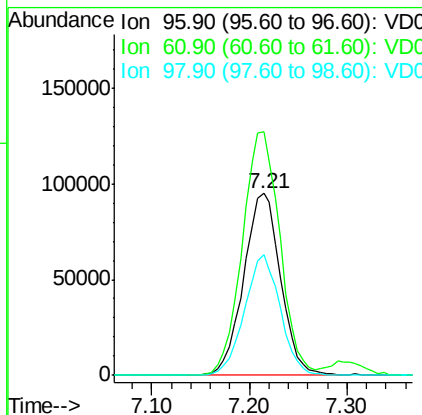
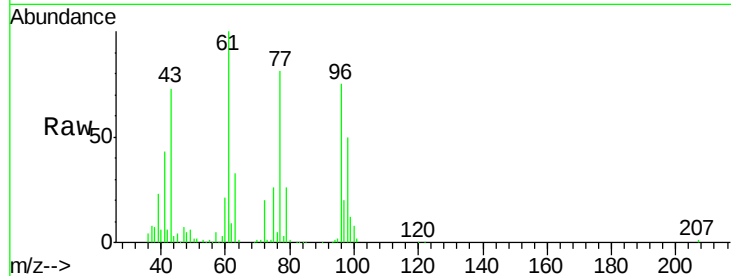
cis-1,2-Dichloroethene
 Concen: 50.884 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VD065556.D
 Acq: 27 Mar 2020 20:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	249581		
61	136.6	0.0	278.0	
98	64.6	0.0	129.6	

Manual Integrations
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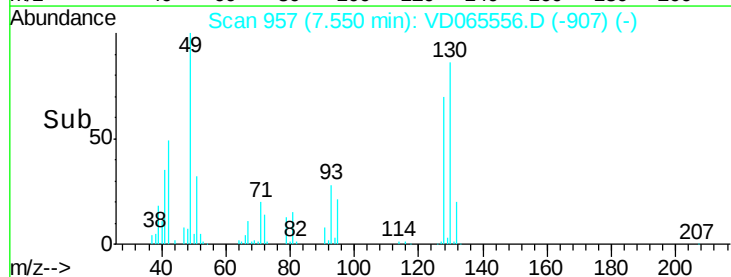
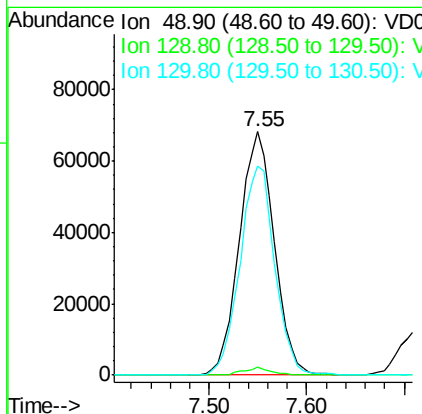
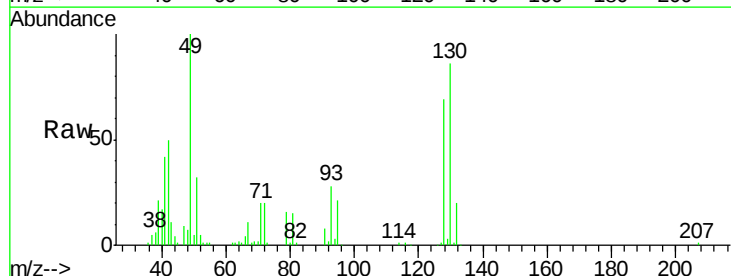
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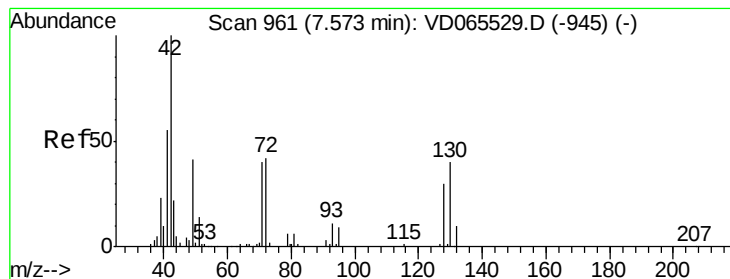


#28

Bromochloromethane
 Concen: 53.403 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. -0.01 min
 Lab File: VD065556.D
 Acq: 27 Mar 2020 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	170920		
129	2.3	0.0	4.4	
130	85.9	69.7	104.5	





#29

Tetrahydrofuran

Concen: 259.088 ug/l

RT: 7.57 min Scan# 960

Delta R.T. -0.01 min

Lab File: VD065556.D

Acq: 27 Mar 2020 20:58

Instrument :

MSVOA_D

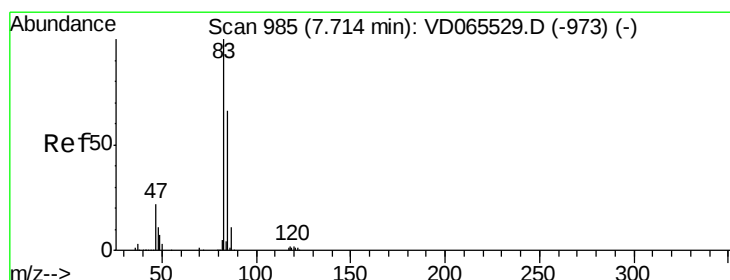
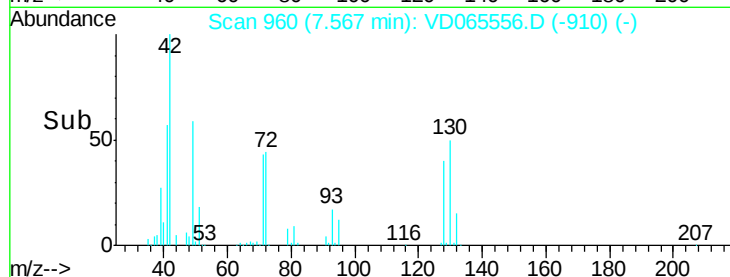
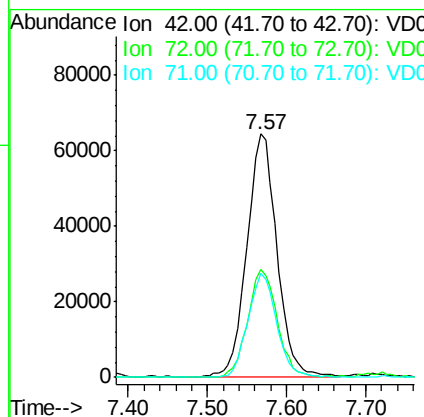
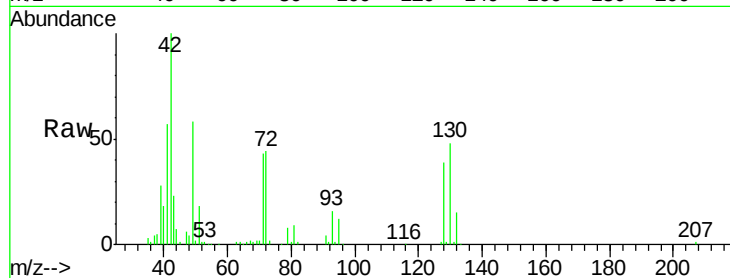
ClientSampleId :

VSTDCCC050EC

Tot Ion:	42	Resp:	170576
Ion	Ratio	Lower	Upper
42	100		
72	43.5	35.0	52.6
71	40.7	33.0	49.6

Manual Integrations
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#30

Chloroform

Concen: 50.437 ug/l

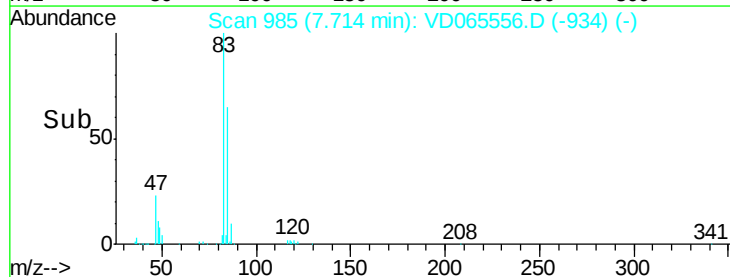
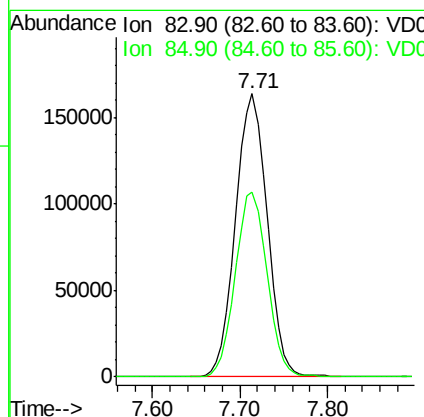
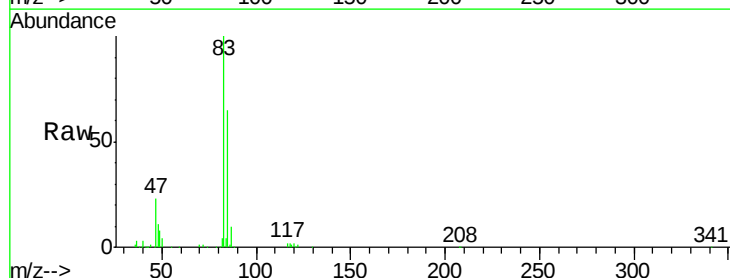
RT: 7.71 min Scan# 985

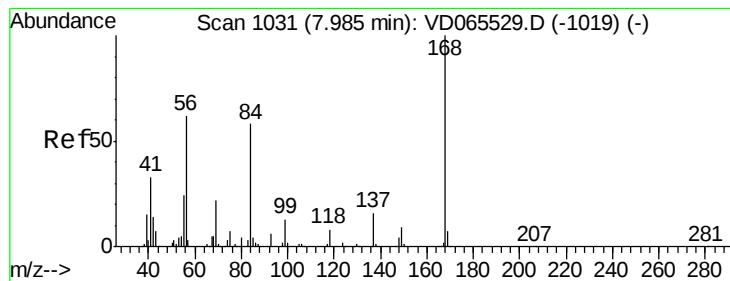
Delta R.T. -0.00 min

Lab File: VD065556.D

Acq: 27 Mar 2020 20:58

Tgt Ion:	83	Resp:	402168
Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.9	79.3





#31

Cyclohexane

Concen: 43.465 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065556.D

Acq: 27 Mar 2020 20:58

Instrument :

MSVOA_D

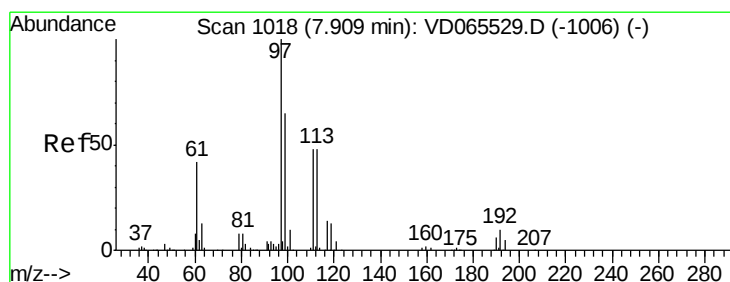
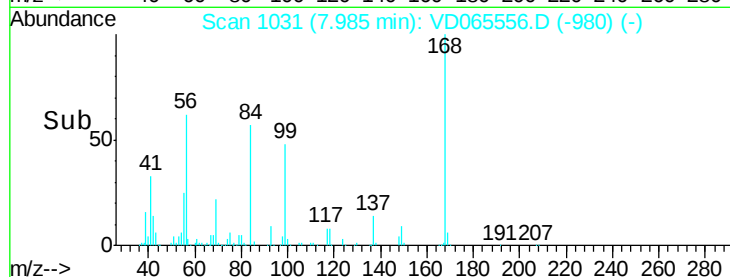
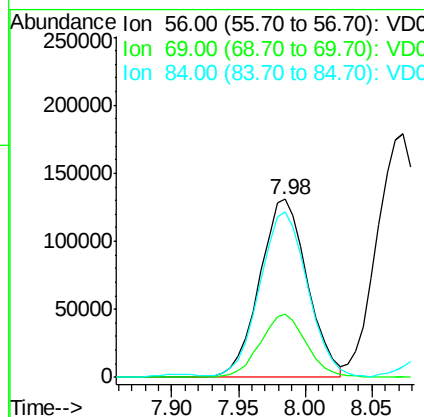
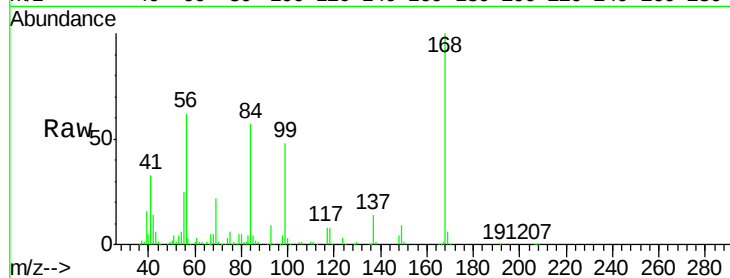
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	323892
Ion	Ratio	Lower	Upper
56	100		
69	35.3	28.2	42.4
84	91.0	73.4	110.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 47.435 ug/l

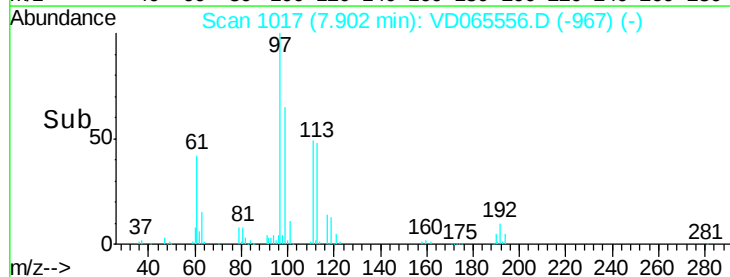
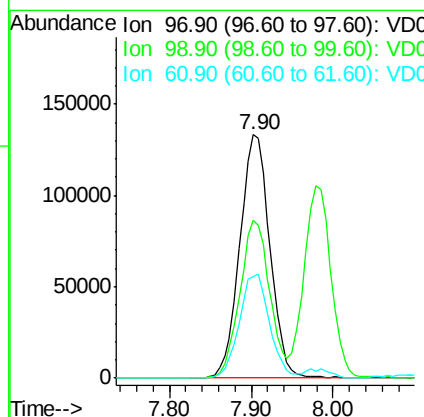
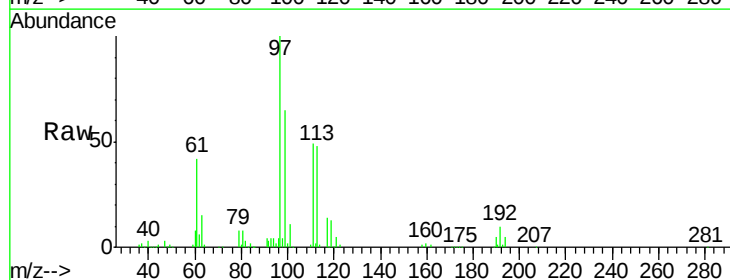
RT: 7.90 min Scan# 1017

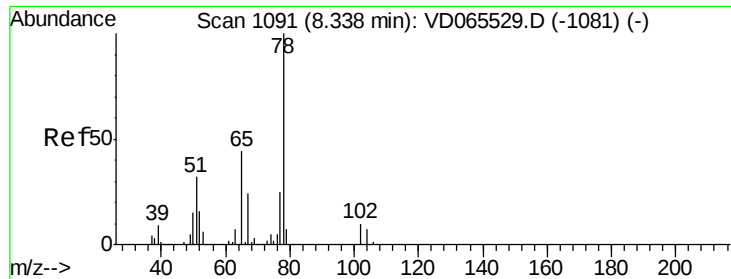
Delta R.T. -0.01 min

Lab File: VD065556.D

Acq: 27 Mar 2020 20:58

Tgt Ion:	97	Resp:	341702
Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.2	76.8
61	42.8	33.4	50.2





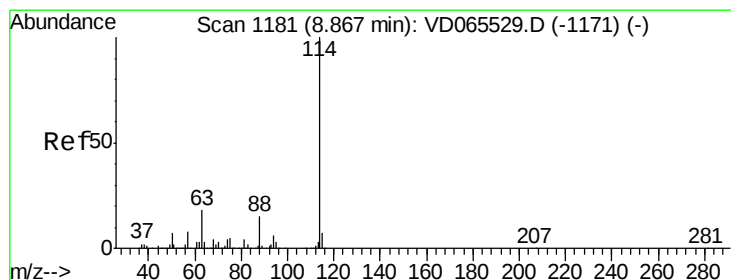
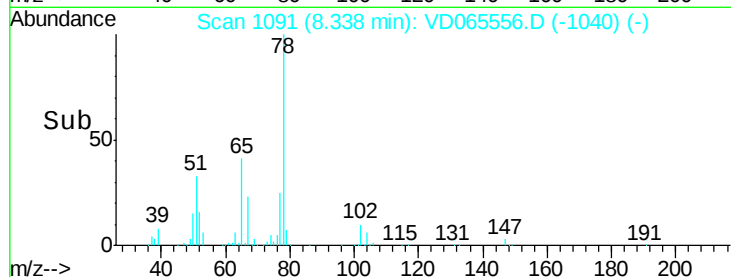
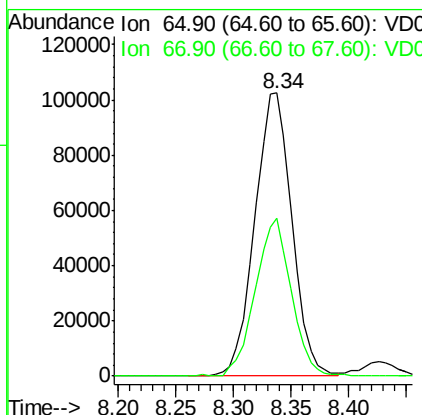
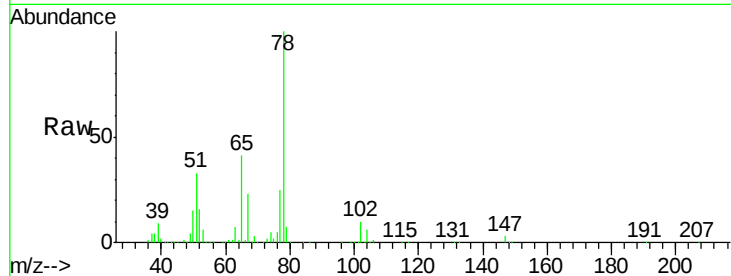
#33
 1,2-Dichloroethane-d4
 Concen: 58.112 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065556.D
 Acq: 27 Mar 2020 20:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	230368		
67	54.0	0.0	107.6	

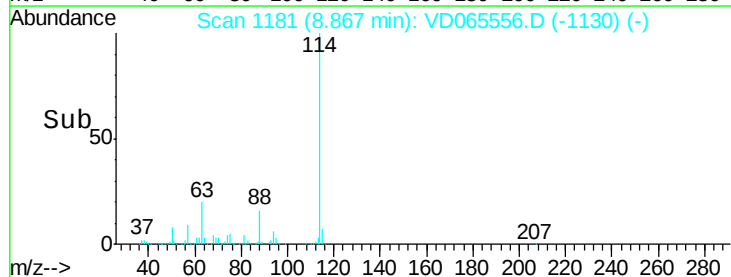
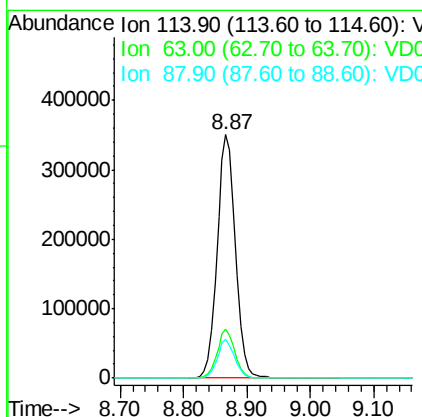
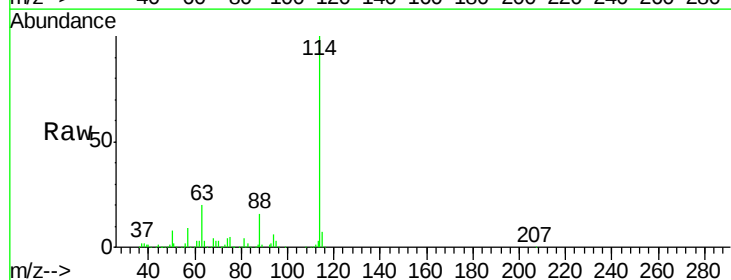
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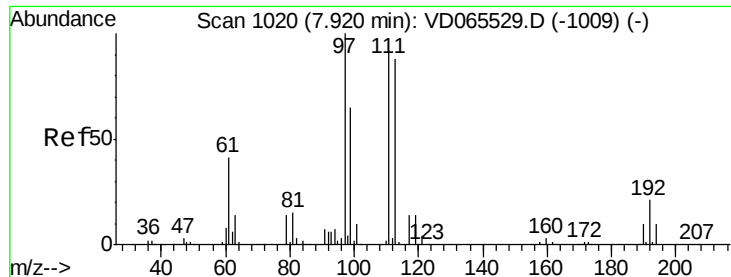
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065556.D
 Acq: 27 Mar 2020 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	711235		
63	19.9	0.0	37.0	
88	15.7	0.0	30.4	





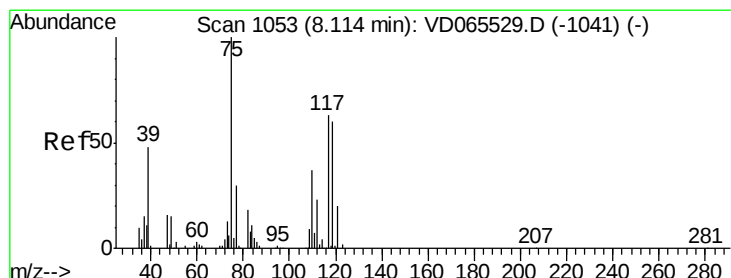
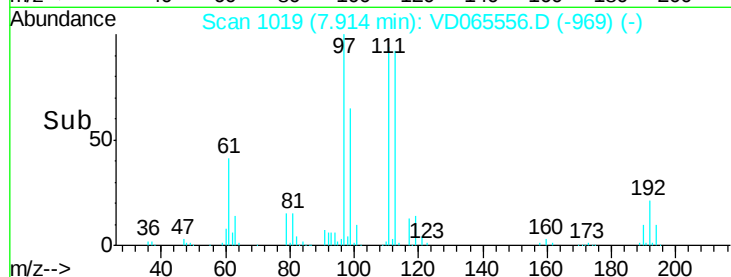
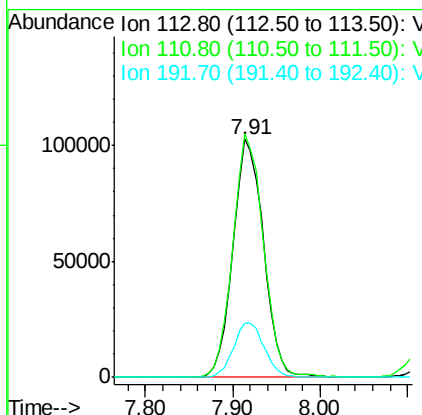
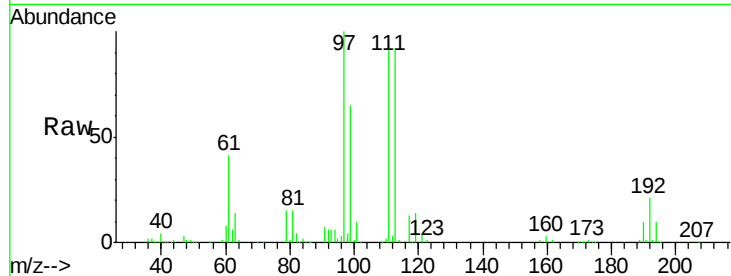
#35
 Dibromofluoromethane
 Concen: 55.336 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065556.D
 Acq: 27 Mar 2020 20:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	242930		
111	102.4	83.3	124.9	
192	22.8	18.5	27.7	

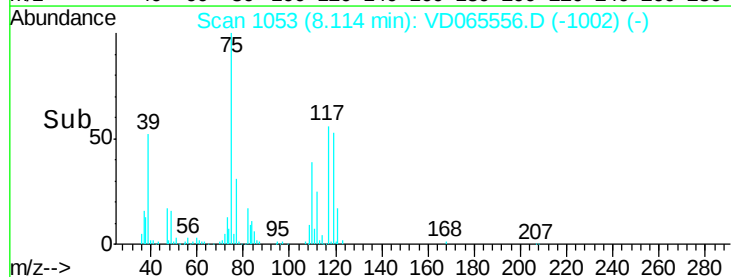
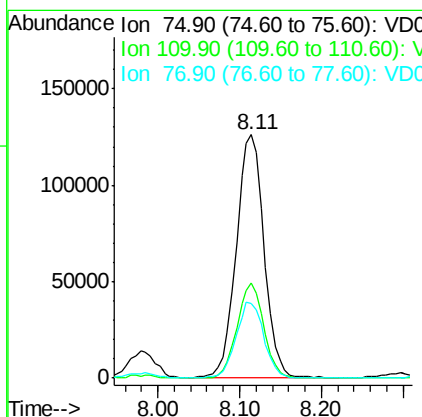
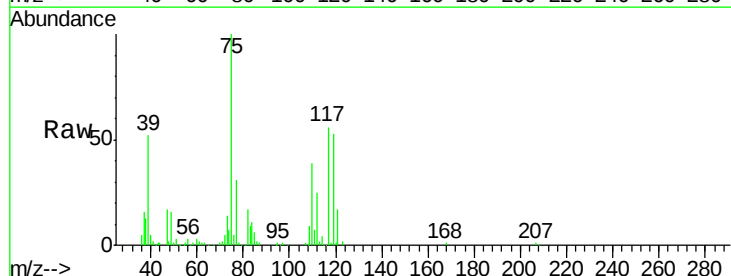
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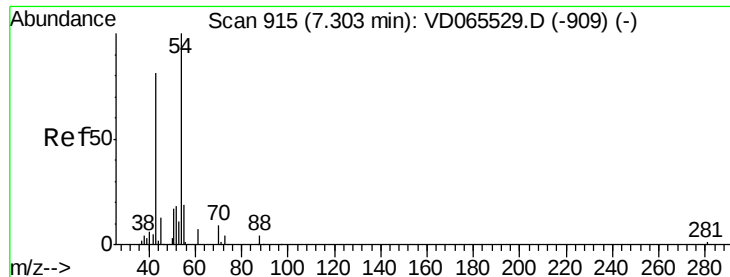
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#36
 1,1-Dichloropropene
 Concen: 45.739 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD065556.D
 Acq: 27 Mar 2020 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	297223		
110	37.3	18.8	56.4	
77	31.5	25.1	37.7	





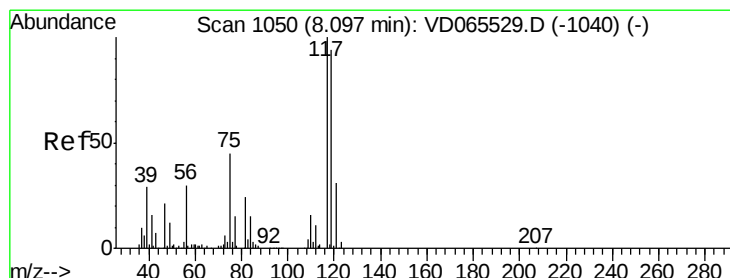
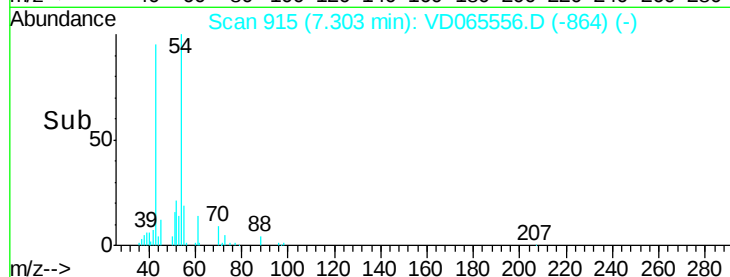
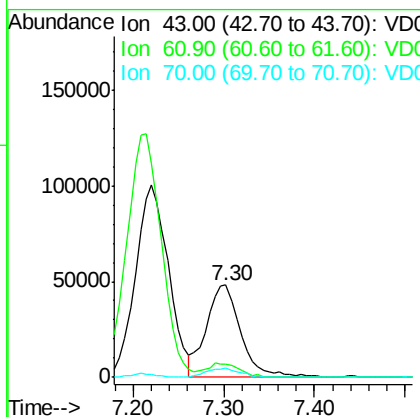
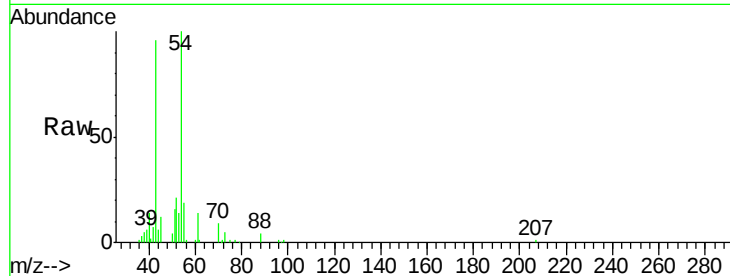
#37
Ethyl Acetate
Concen: 50.563 ug/l
RT: 7.30 min Scan# 915
Delta R.T. -0.00 min
Lab File: VD065556.D
Acq: 27 Mar 2020 20:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	12.2	18.4
70	9.6	8.4	12.6

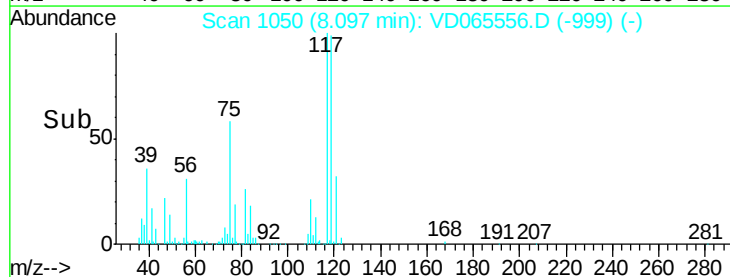
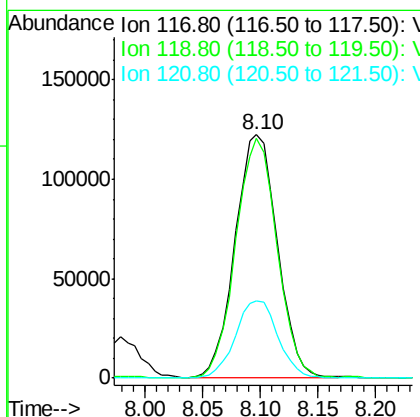
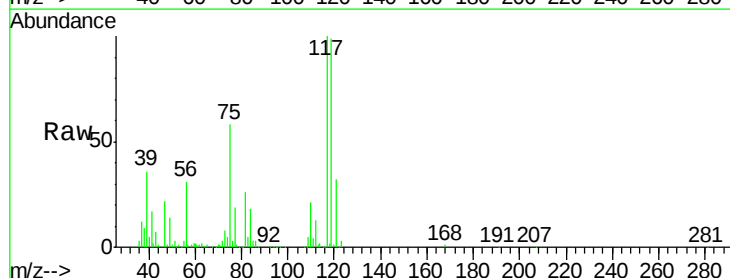
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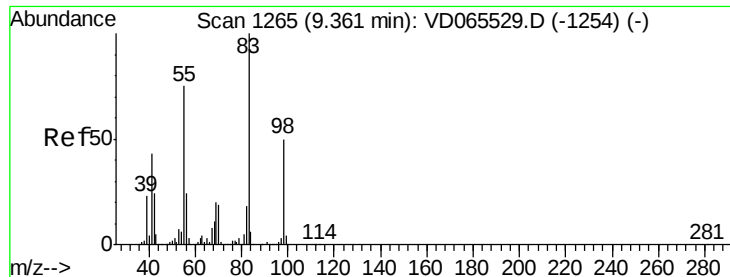
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#38
Carbon Tetrachloride
Concen: 45.483 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065556.D
Acq: 27 Mar 2020 20:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.8	75.2	112.8
121	32.0	24.5	36.7





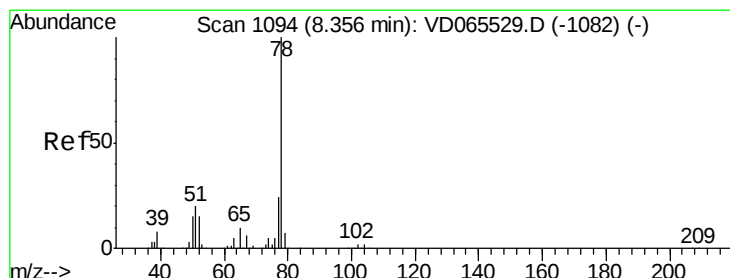
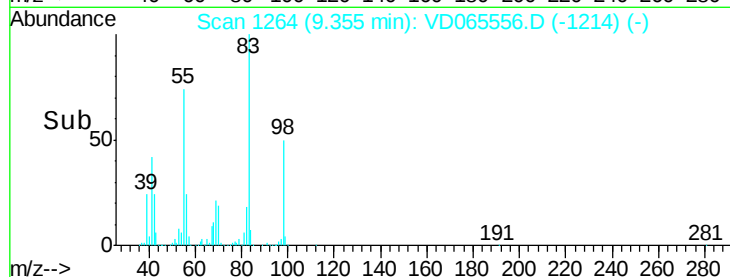
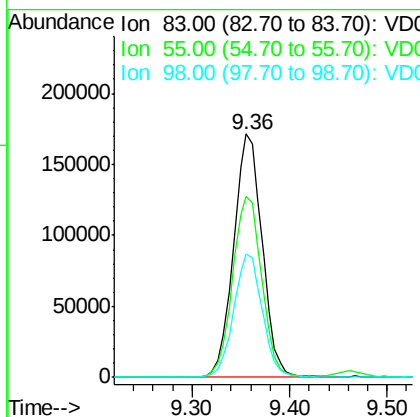
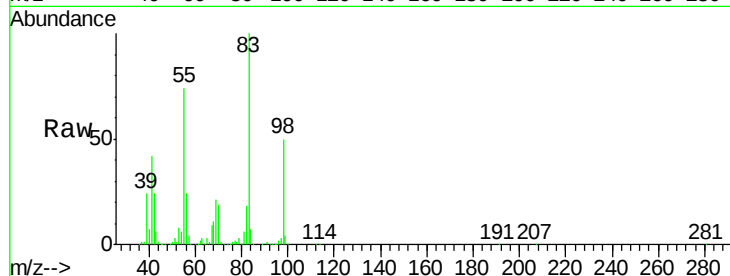
#39
Methvlcvclohexane
Concen: 45.692 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD065556.D
Acq: 27 Mar 2020 20:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.1	59.7	89.5
98	50.5	40.2	60.2

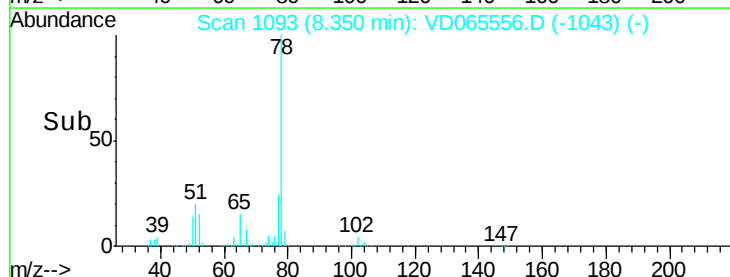
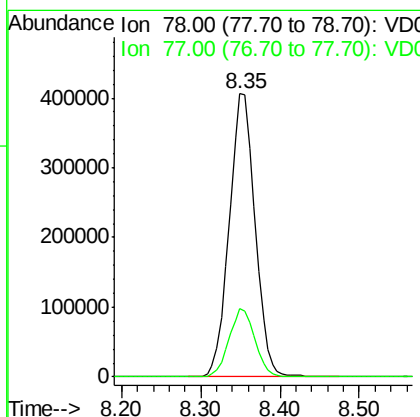
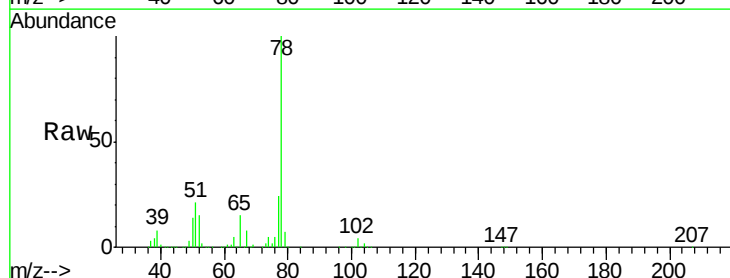
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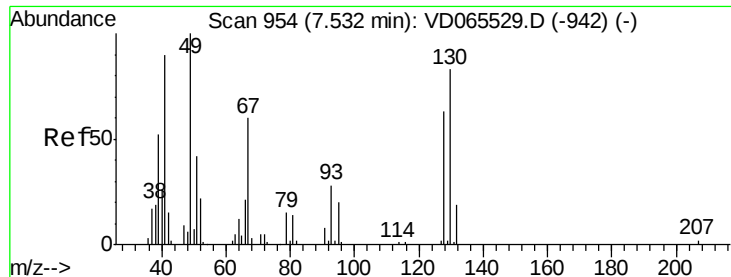
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#40
Benzene
Concen: 49.528 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD065556.D
Acq: 27 Mar 2020 20:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.1	28.7





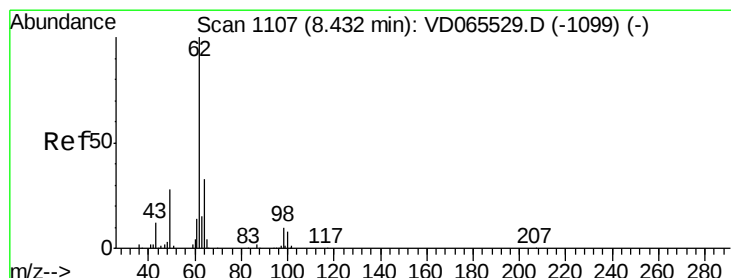
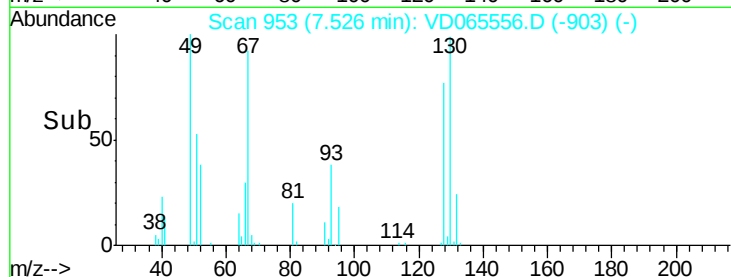
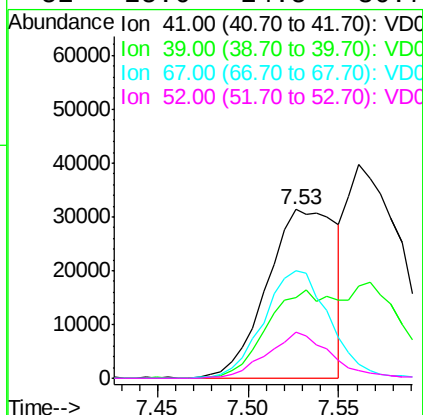
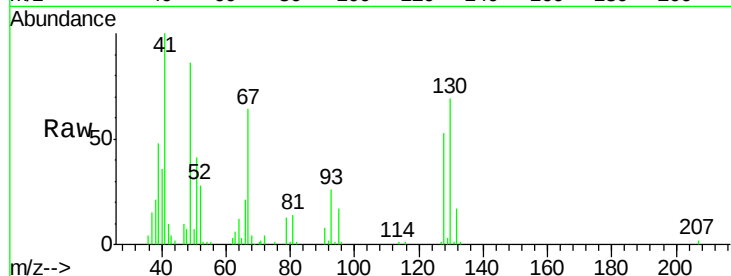
#41
Methacrylonitrile
Concen: 58.102 ug/l
RT: 7.53 min Scan# 953
Delta R.T. -0.01 min
Lab File: VD065556.D
Acq: 27 Mar 2020 20:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	83426
Ion	Ratio	Lower	Upper
41	100		
39	51.2	42.9	64.3
67	61.7	60.5	90.7
52	25.6	24.5	36.7

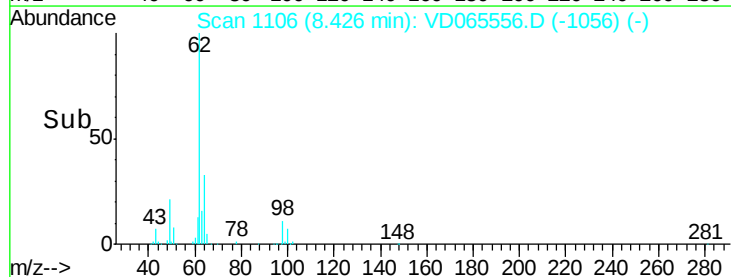
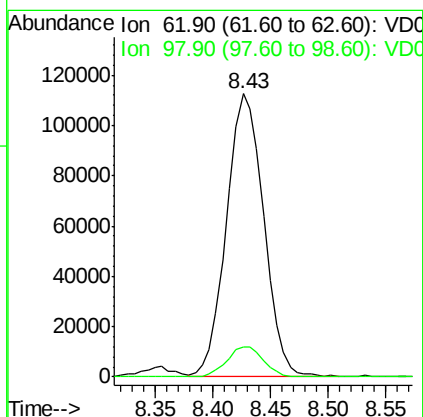
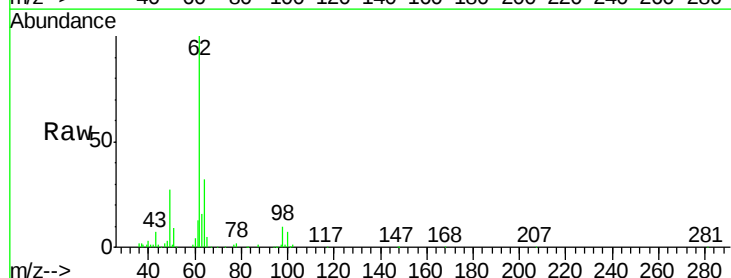
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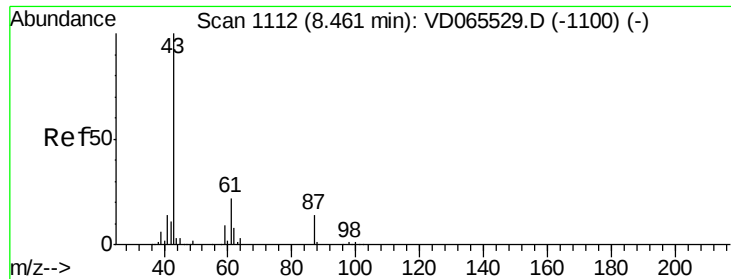
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#42
1,2-Dichloroethane
Concen: 51.073 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD065556.D
Acq: 27 Mar 2020 20:58

Tgt Ion	62	Resp	252004
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	21.8





#43

Isopropyl Acetate

Concen: 49.962 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VD065556.D

Acq: 27 Mar 2020 20:58

Instrument :

MSVOA_D

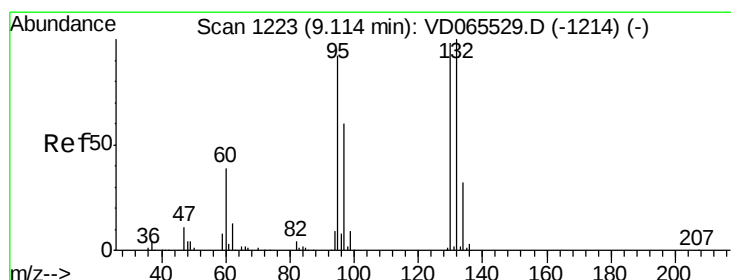
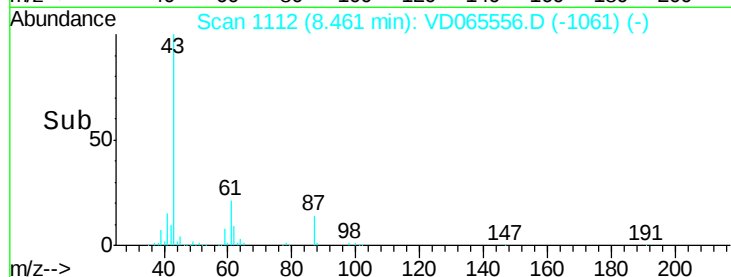
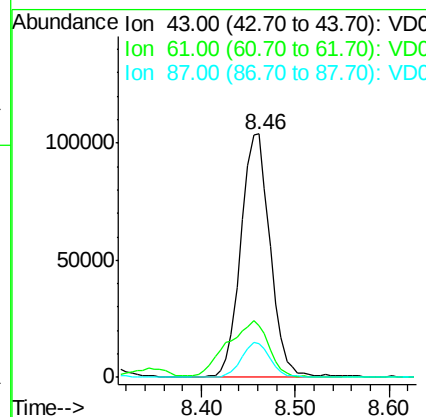
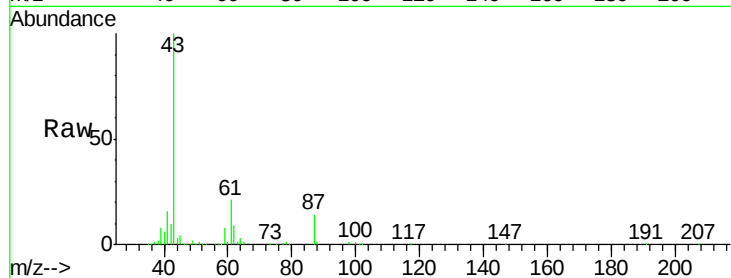
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	225677
Ion	Ratio	Lower	Upper
43	100		
61	33.0	25.0	37.4
87	13.9	11.0	16.4

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#44

Trichloroethene

Concen: 46.791 ug/l

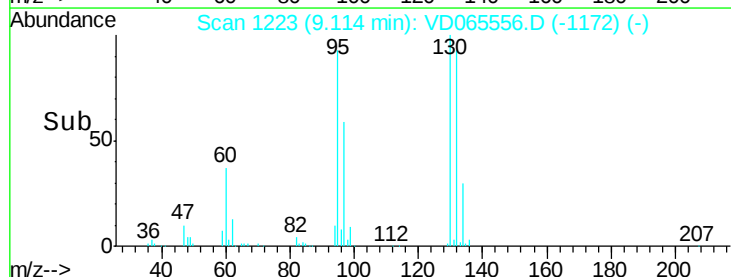
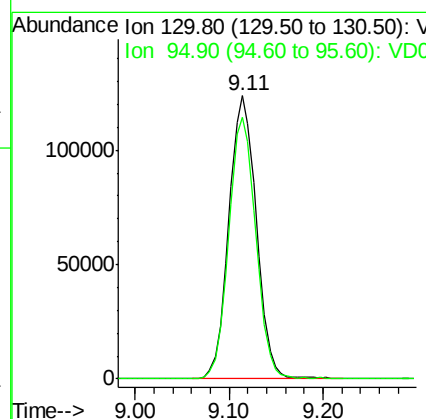
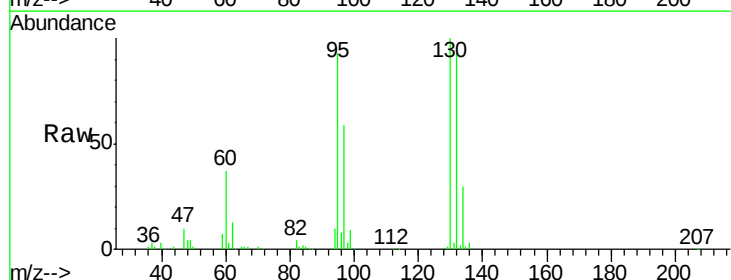
RT: 9.11 min Scan# 1223

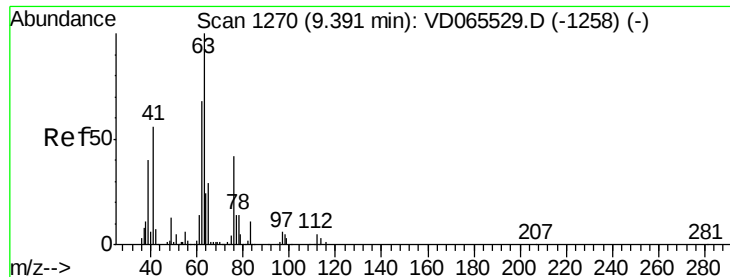
Delta R.T. -0.00 min

Lab File: VD065556.D

Acq: 27 Mar 2020 20:58

Tgt Ion:	130	Resp:	251750
Ion	Ratio	Lower	Upper
130	100		
95	92.6	0.0	187.0





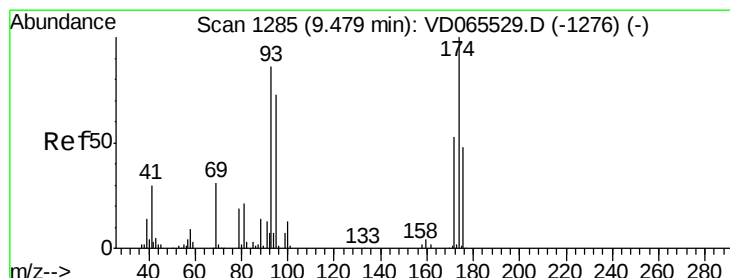
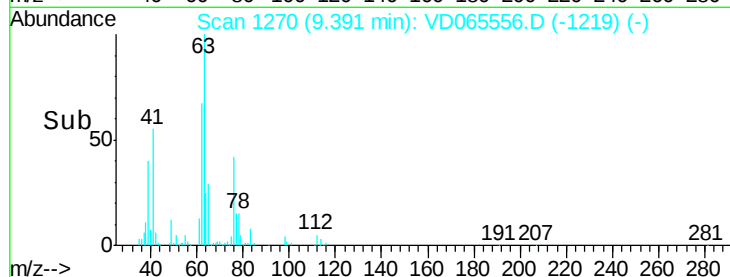
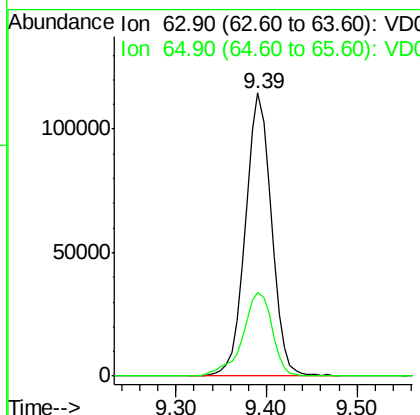
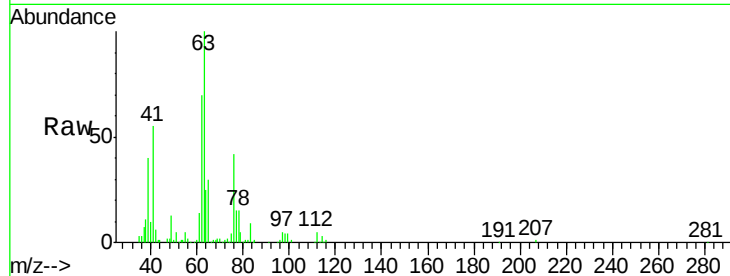
#45
 1,2-Dichloropropane
 Concen: 50.895 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD065556.D
 Acq: 27 Mar 2020 20:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.6	23.5	35.3

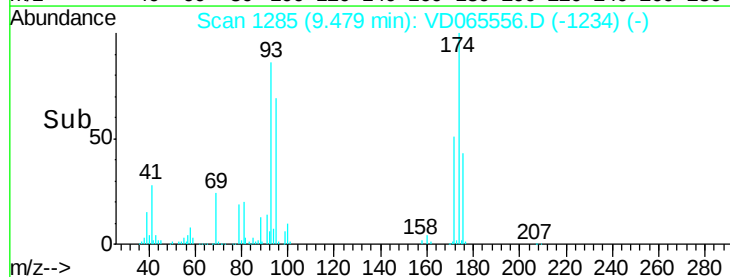
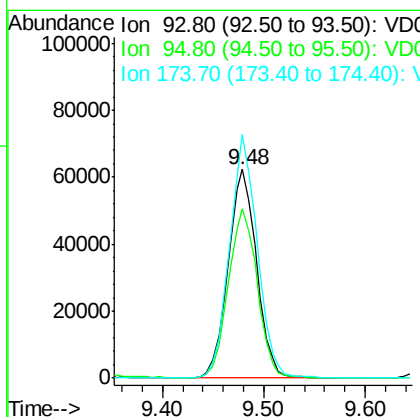
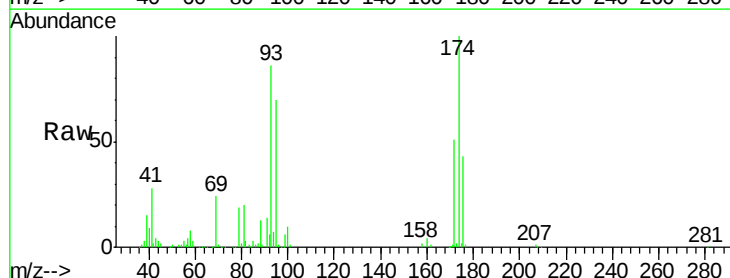
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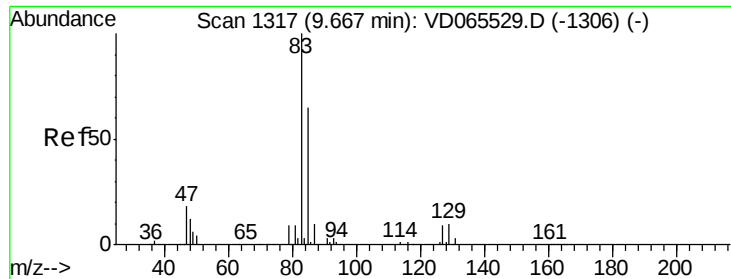
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#46
 Dibromomethane
 Concen: 51.355 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD065556.D
 Acq: 27 Mar 2020 20:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.5	67.3	100.9
174	114.0	92.5	138.7





#47

Bromodichloromethane

Concen: 50.258 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD065556.D

Acq: 27 Mar 2020 20:58

Instrument :

MSVOA_D

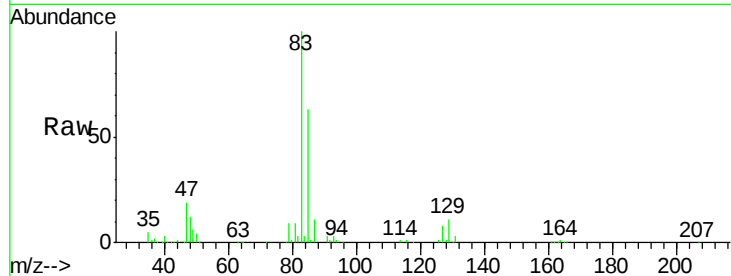
ClientSampleId :

VSTDCCC050EC

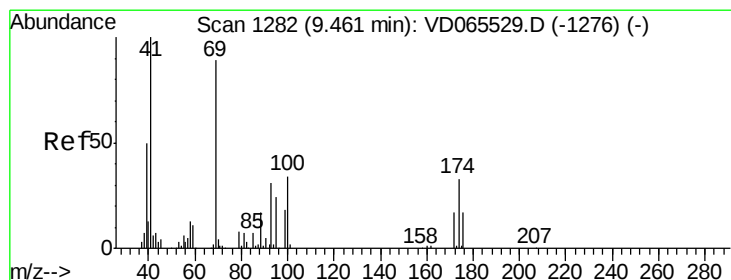
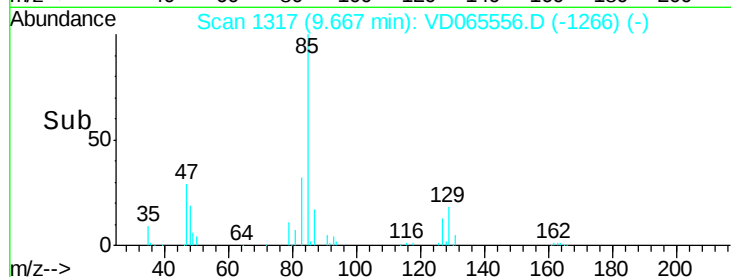
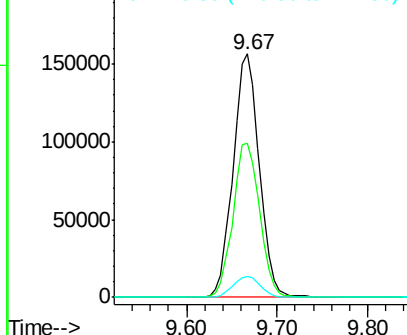
Tot Ion:	83	Resp:	314688
Ion	Ratio	Lower	Upper
83	100		
85	63.2	52.2	78.2
127	8.4	7.1	10.7

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



#48

Methyl methacrylate

Concen: 50.327 ug/l

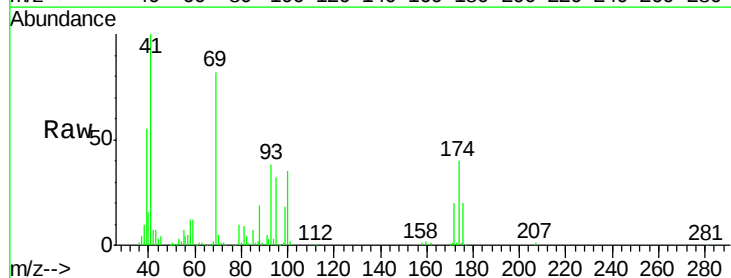
RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

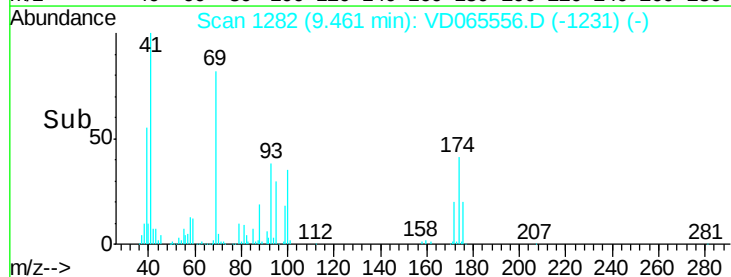
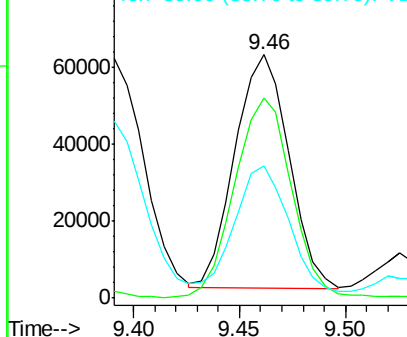
Lab File: VD065556.D

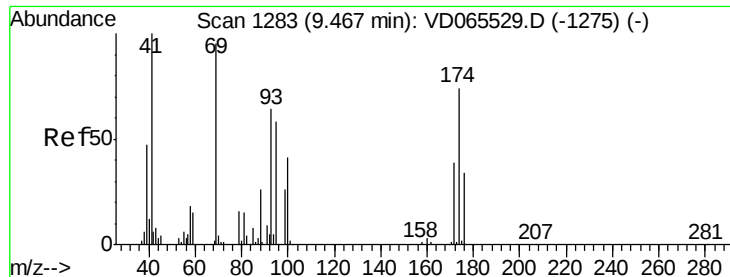
Acq: 27 Mar 2020 20:58

Tgt Ion:	41	Resp:	108090
Ion	Ratio	Lower	Upper
41	100		
69	89.6	71.8	107.6
39	53.4	42.2	63.4



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





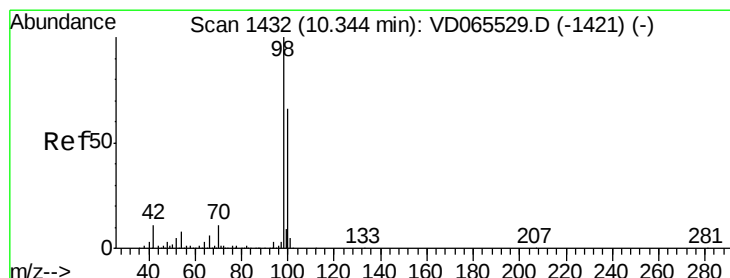
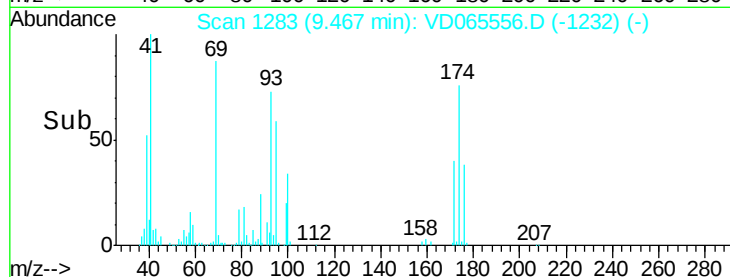
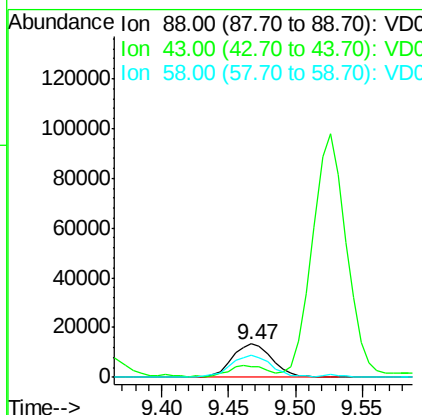
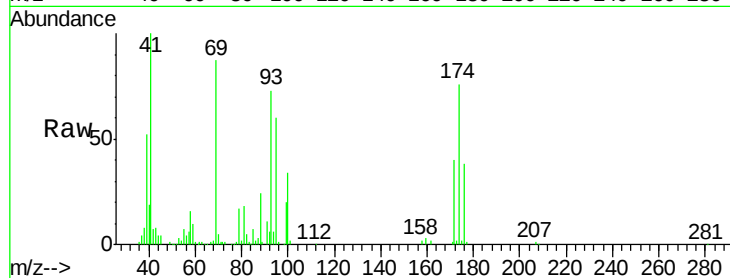
#49
1,4-Dioxane
Concen: 1105.111 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VD065556.D
Acq: 27 Mar 2020 20:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.7	26.0	39.0
58	66.0	54.6	82.0

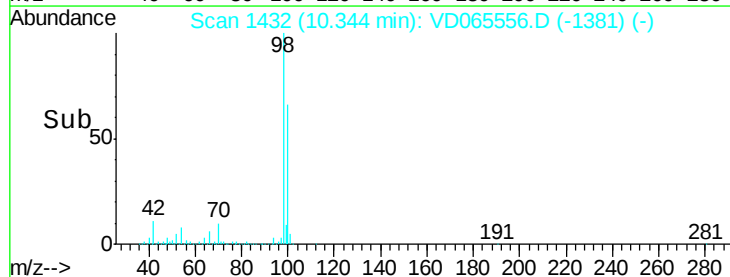
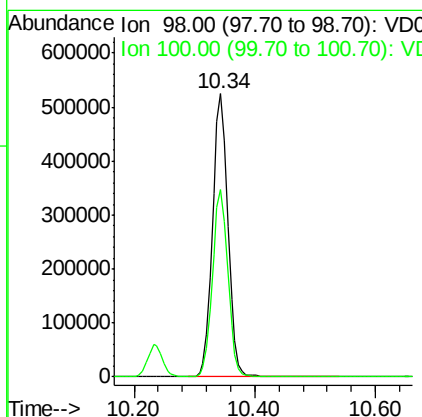
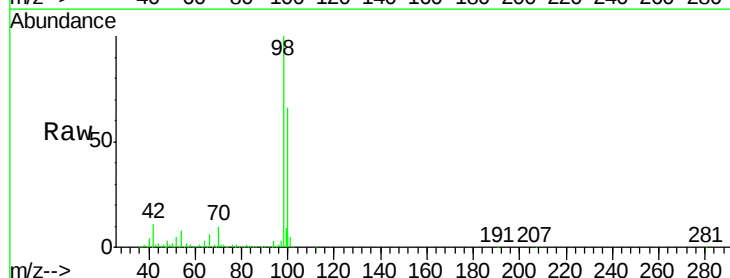
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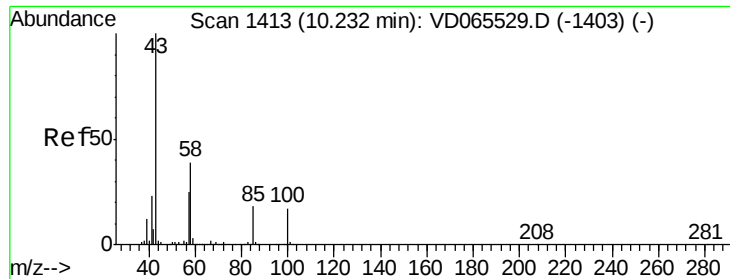
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#50
Toluene-d8
Concen: 56.209 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065556.D
Acq: 27 Mar 2020 20:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 264.441 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD065556.D

Acq: 27 Mar 2020 20:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 602794

Ion Ratio Lower Upper

43 100

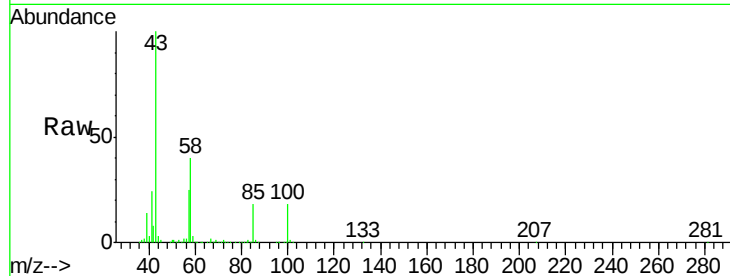
58 39.3 31.4 47.2

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.23

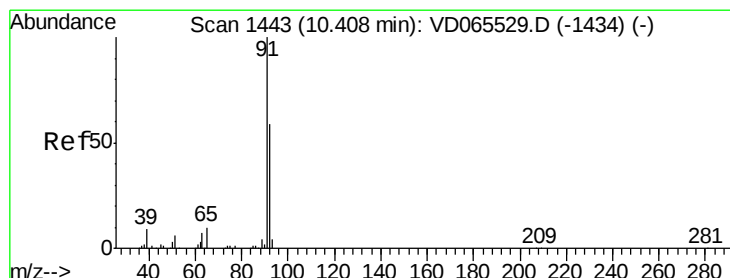
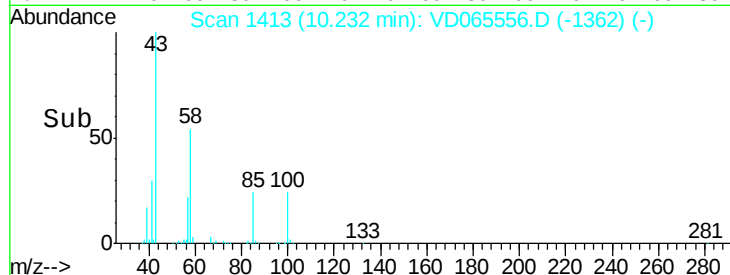
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 50.639 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD065556.D

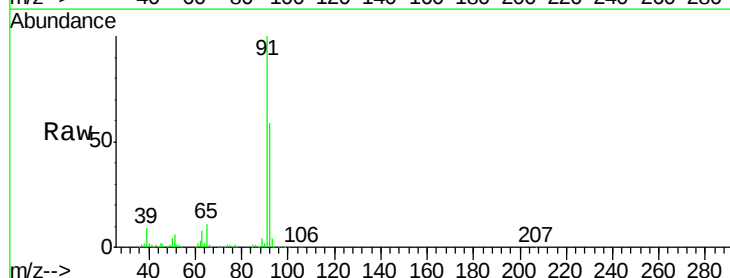
Acq: 27 Mar 2020 20:58

Tgt Ion: 92 Resp: 594662

Ion Ratio Lower Upper

92 100

91 170.3 137.3 205.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.41

600000

500000

400000

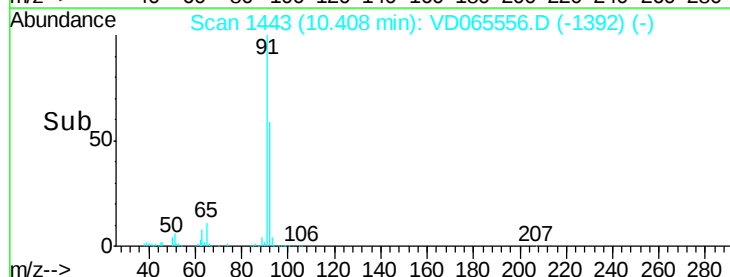
300000

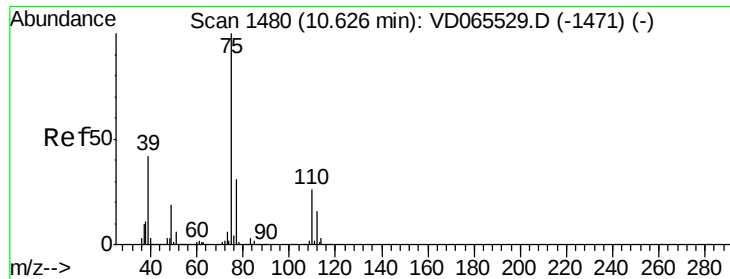
200000

100000

0

Time-->





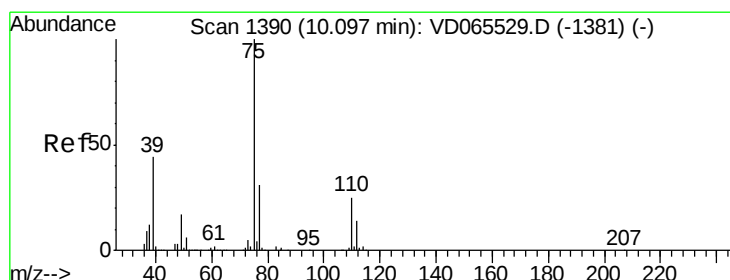
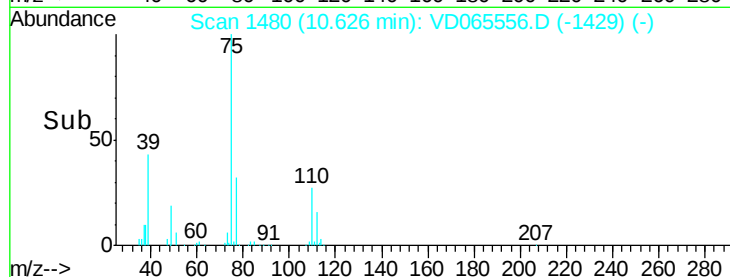
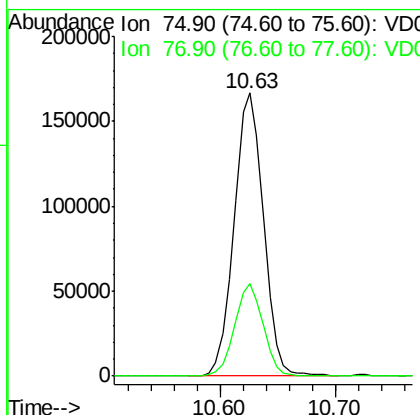
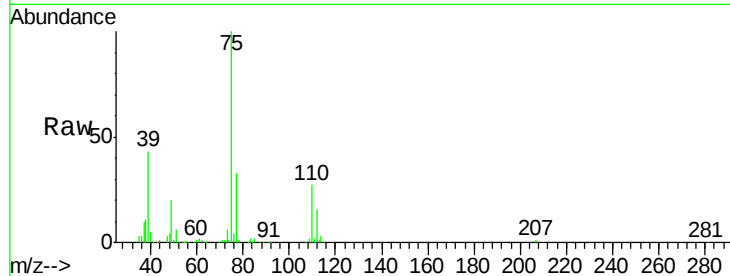
#53
t-1,3-Dichloropropene
Concen: 51.185 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VD065556.D
Acq: 27 Mar 2020 20:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 293126
Ion Ratio Lower Upper
75 100
77 32.6 25.2 37.8

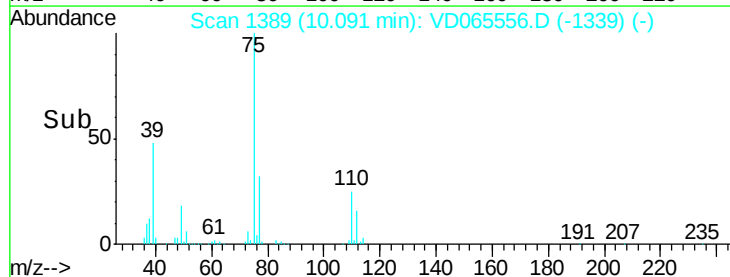
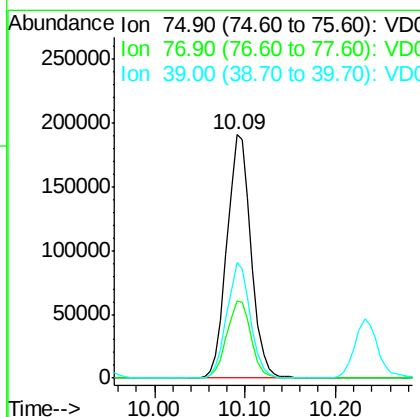
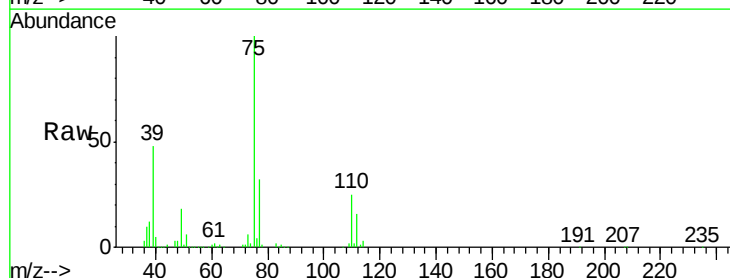
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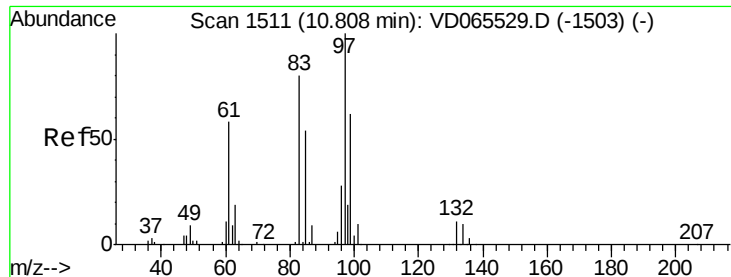
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#54
cis-1,3-Dichloropropene
Concen: 50.433 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. -0.01 min
Lab File: VD065556.D
Acq: 27 Mar 2020 20:58

Tgt Ion: 75 Resp: 353364
Ion Ratio Lower Upper
75 100
77 31.7 24.6 36.8
39 47.5 35.4 53.2





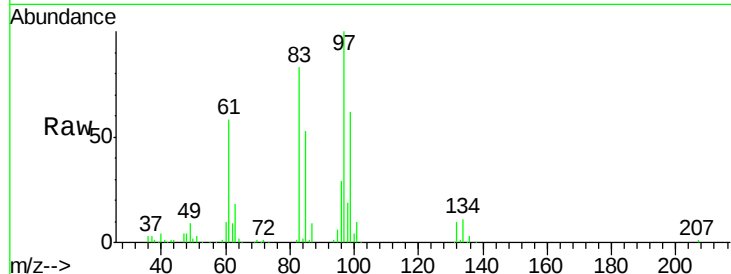
#55
 1,1,2-Trichloroethane
 Concen: 49.497 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.01 min
 Lab File: VD065556.D
 Acq: 27 Mar 2020 20:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

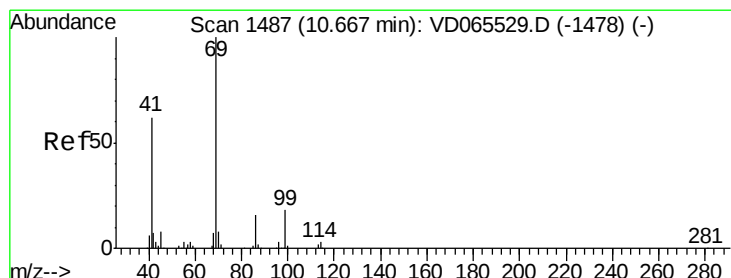
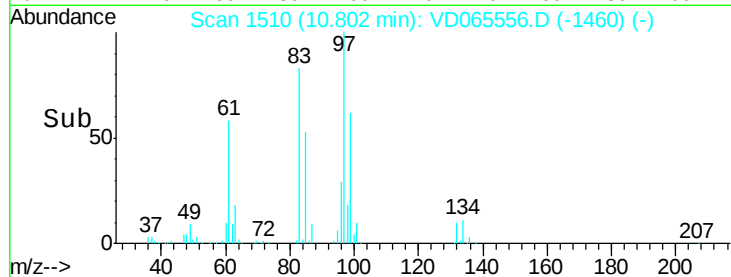
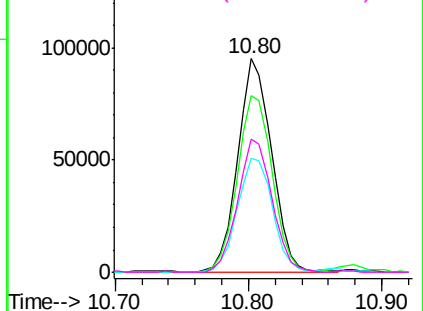
Tot Ion:	97	Resp:	166892
Ion	Ratio	Lower	Upper
97	100		
83	83.1	63.8	95.6
85	53.3	42.9	64.3
99	62.3	49.9	74.9

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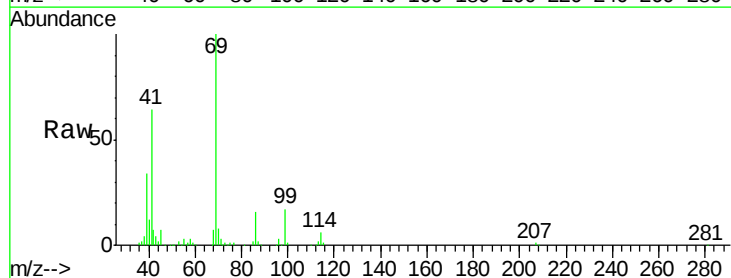


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

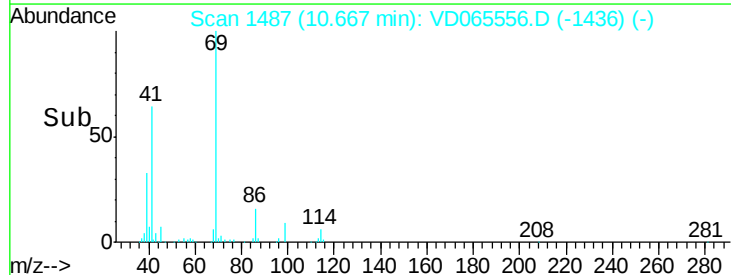
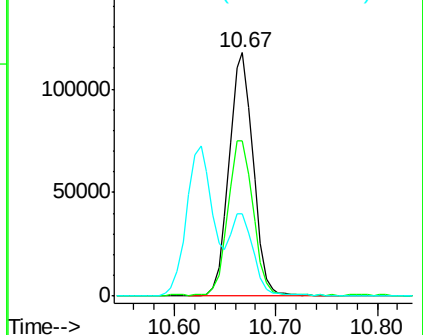


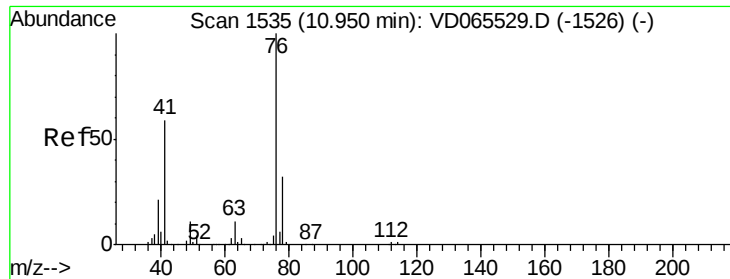
#56
 Ethyl methacrylate
 Concen: 47.408 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD065556.D
 Acq: 27 Mar 2020 20:58

Tgt Ion:	69	Resp:	194455
Ion	Ratio	Lower	Upper
69	100		
41	66.4	51.3	76.9
39	32.1	25.3	37.9



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





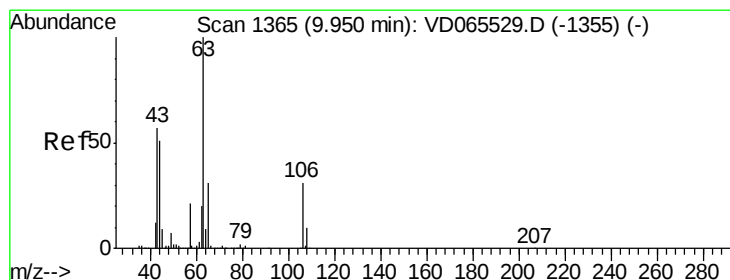
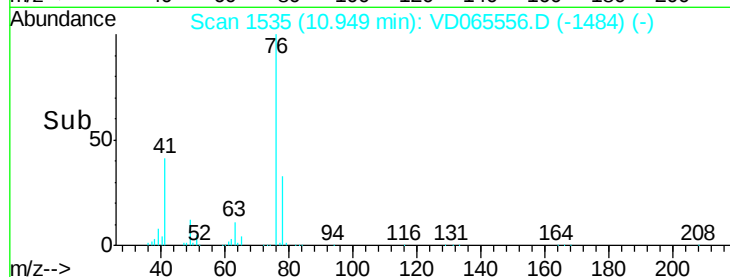
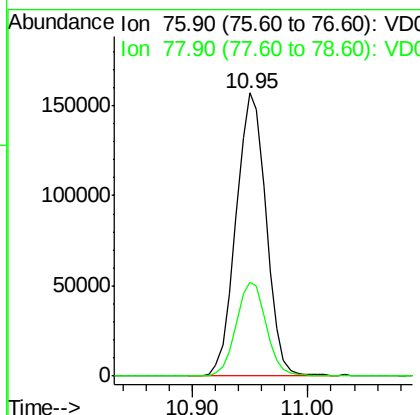
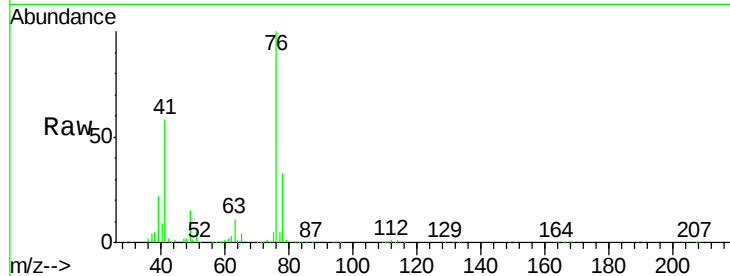
#57
 1,3-Dichloropropane
 Concen: 49.943 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD065556.D
 Acq: 27 Mar 2020 20:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 283370
 Ion Ratio Lower Upper
 76 100
 78 33.2 25.7 38.5

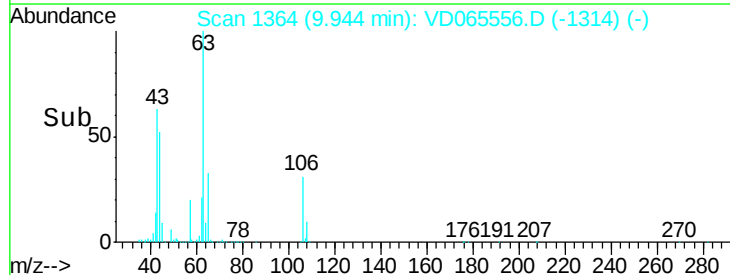
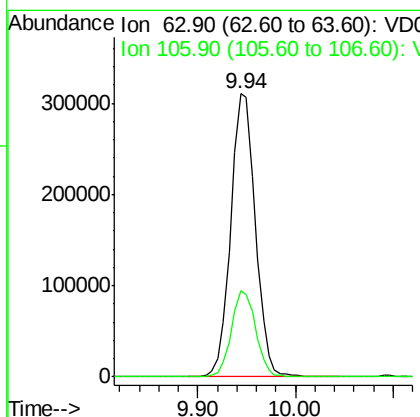
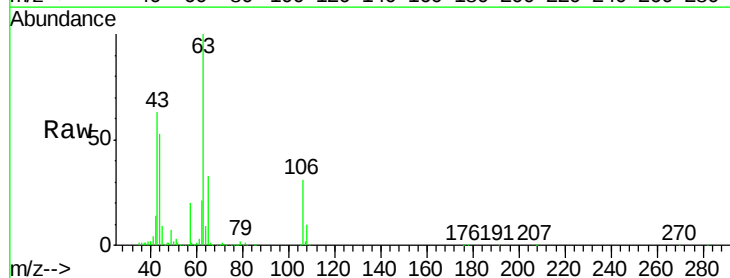
Manual Integrations
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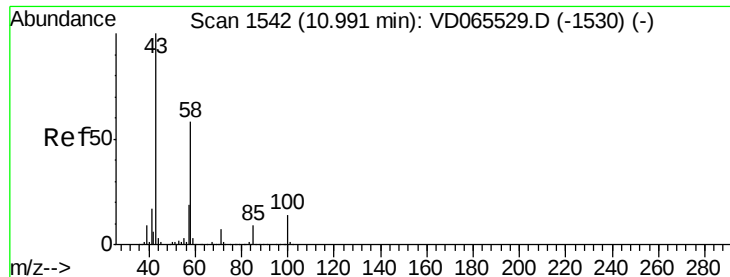
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#58
 2-Chloroethyl Vinyl ether
 Concen: 284.576 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VD065556.D
 Acq: 27 Mar 2020 20:58

Tgt Ion: 63 Resp: 544495
 Ion Ratio Lower Upper
 63 100
 106 30.1 24.3 36.5





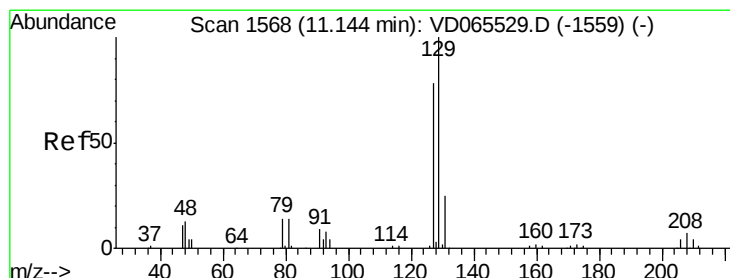
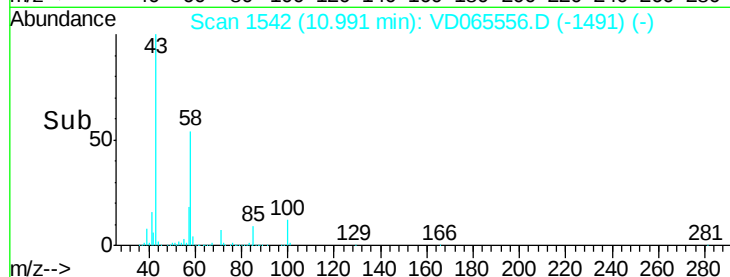
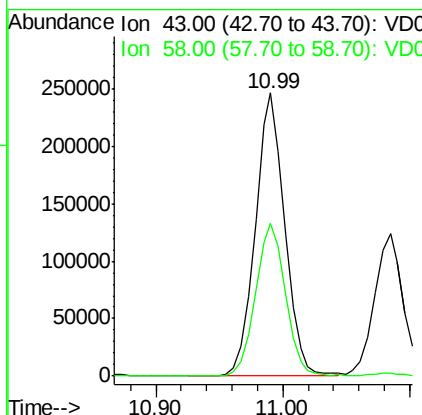
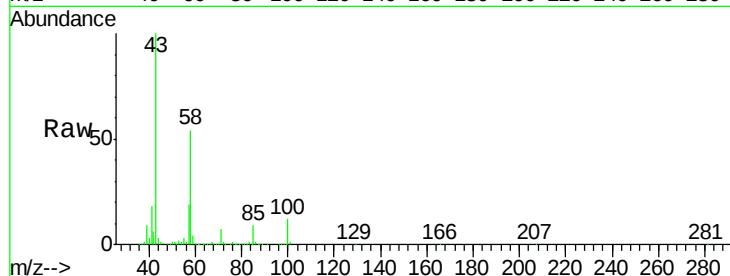
#59
2-Hexanone
Concen: 255.516 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD065556.D
Acq: 27 Mar 2020 20:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.0	27.9	83.7

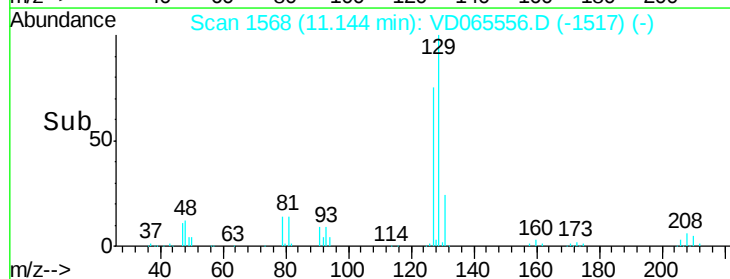
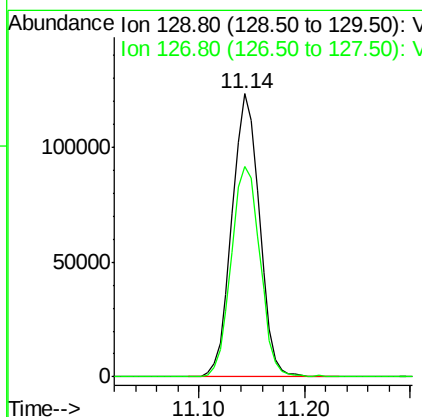
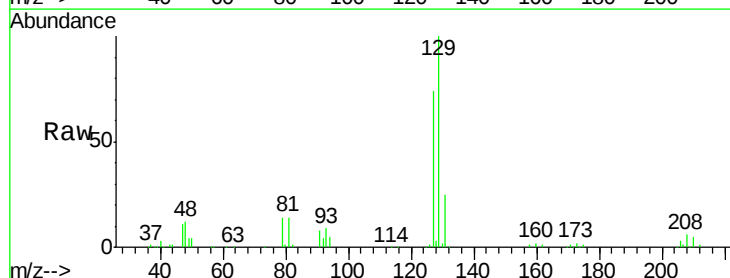
Manual Integrations
APPROVED

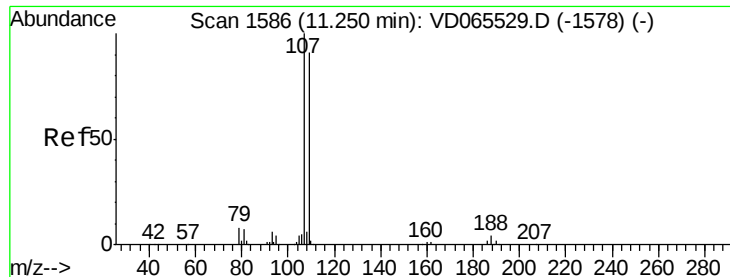
apatel
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#60
Dibromochloromethane
Concen: 49.738 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065556.D
Acq: 27 Mar 2020 20:58

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.6	38.9	116.6





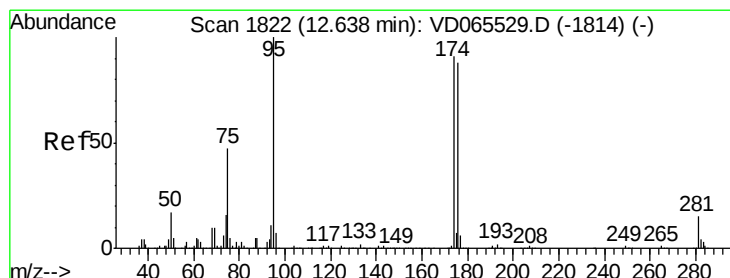
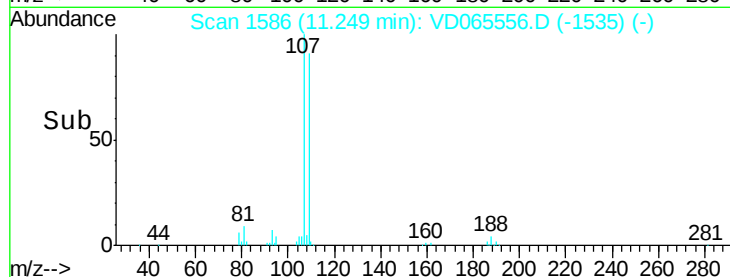
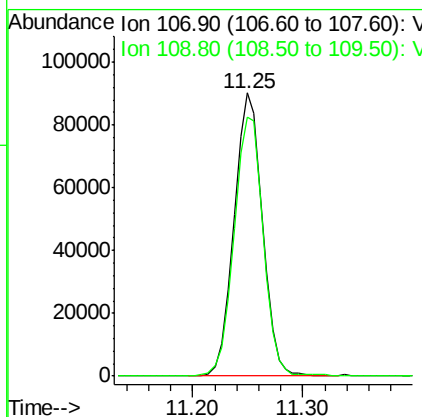
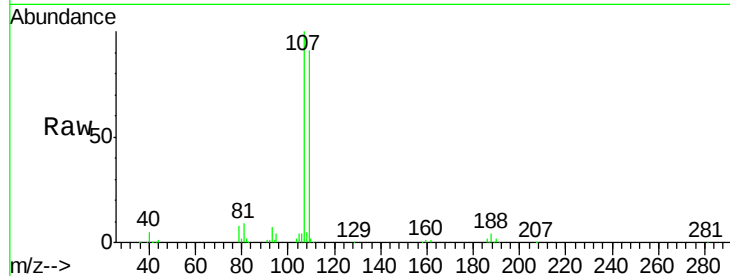
#61
 1,2-Dibromoethane
 Concen: 49.798 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065556.D
 Acq: 27 Mar 2020 20:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.5	74.9	112.3

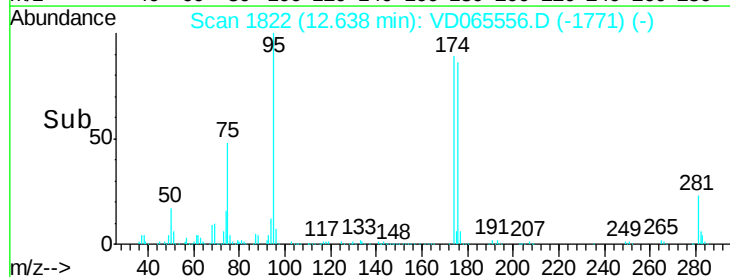
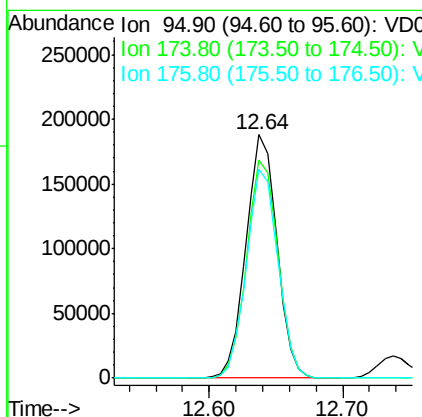
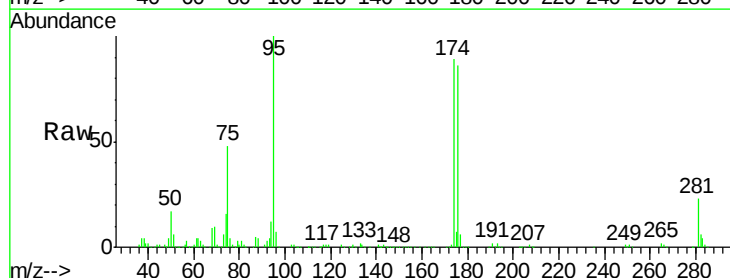
Manual Integrations
 APPROVED

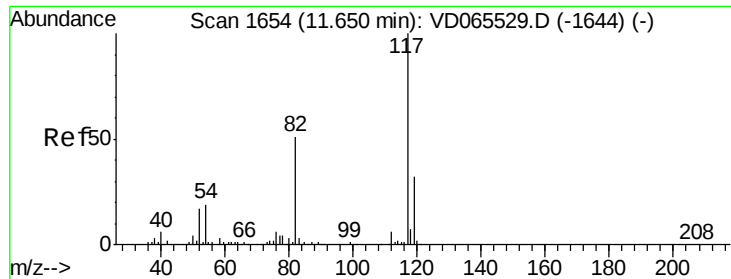
apatel
 3/30/2020 2:55:29 PM



#62
 4-Bromofluorobenzene
 Concen: 57.395 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD065556.D
 Acq: 27 Mar 2020 20:58

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.3	0.0	183.8
176	87.6	0.0	178.2





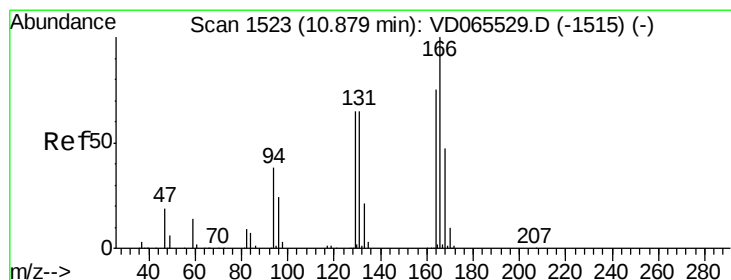
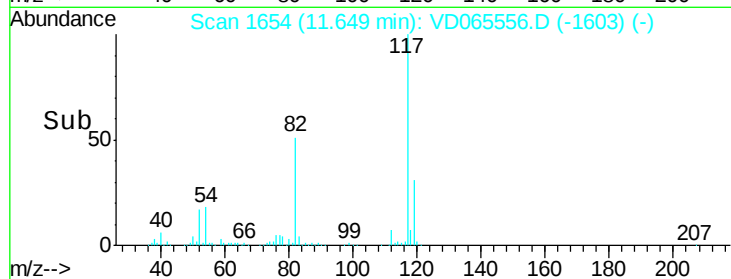
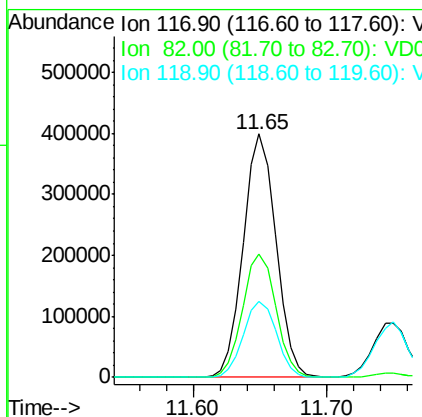
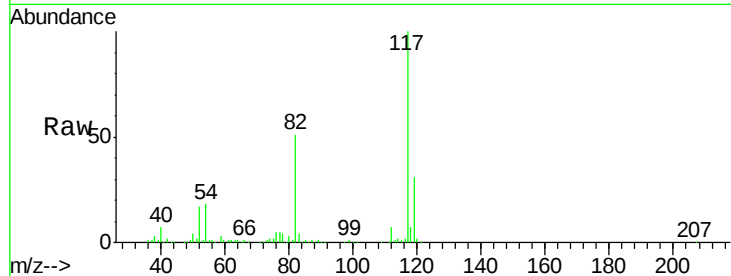
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065556.D
Acq: 27 Mar 2020 20:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.6	41.0	61.6
119	31.2	25.5	38.3

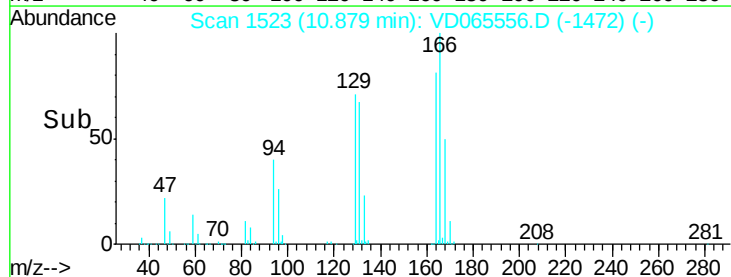
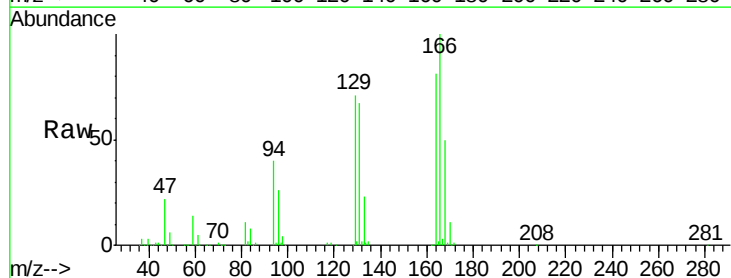
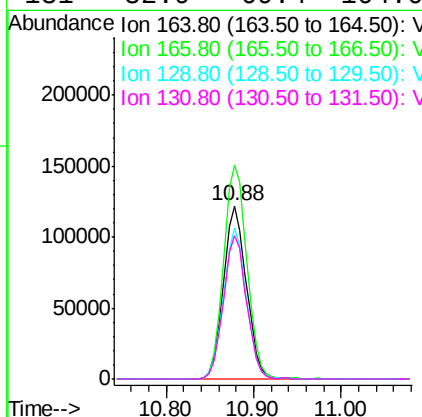
Manual Integrations
APPROVED

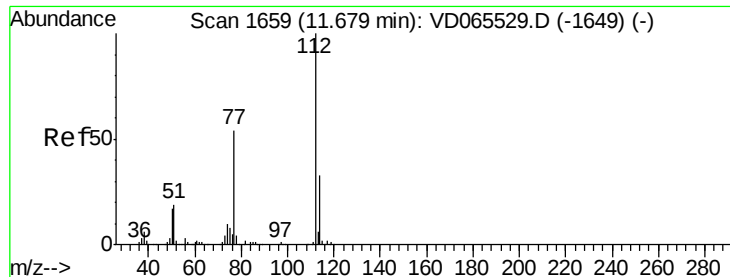
apatel
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#64
Tetrachloroethene
Concen: 44.906 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065556.D
Acq: 27 Mar 2020 20:58

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.3	107.1	160.7
129	87.0	69.2	103.8
131	82.9	69.4	104.0





#65

Chlorobenzene

Concen: 47.606 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VD065556.D

Acq: 27 Mar 2020 20:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 630070

Ion Ratio Lower Upper

112 100

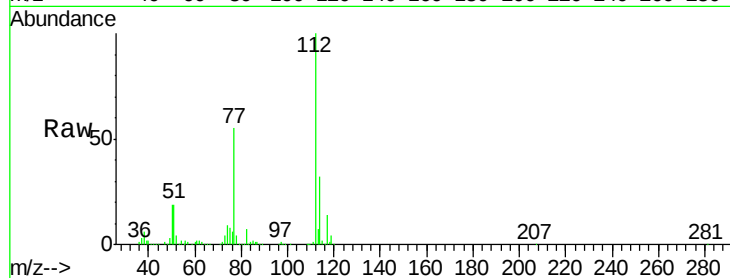
114 32.2 26.0 39.0

Manual Integrations

APPROVED

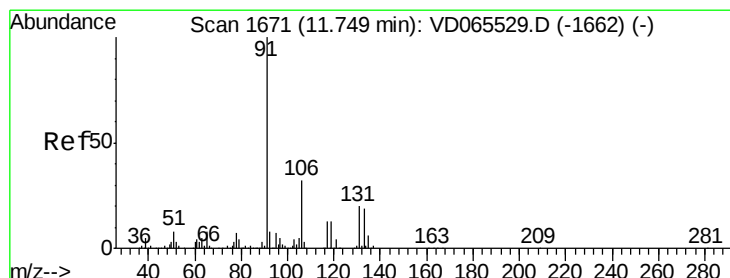
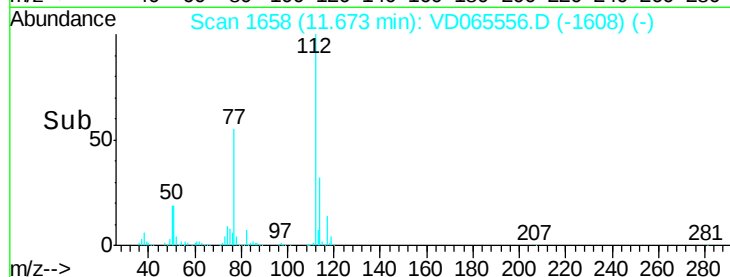
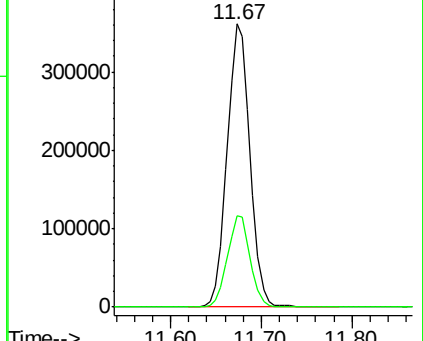
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 48.818 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065556.D

Acq: 27 Mar 2020 20:58

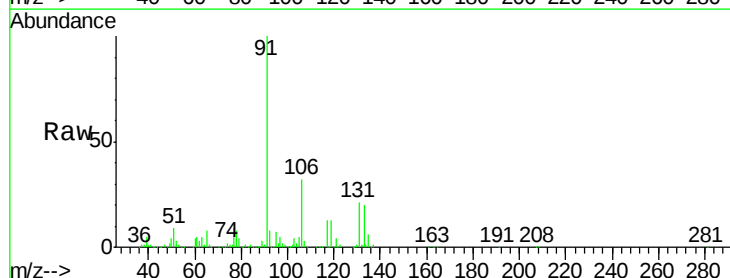
Tgt Ion:131 Resp: 240946

Ion Ratio Lower Upper

131 100

133 95.5 48.9 146.7

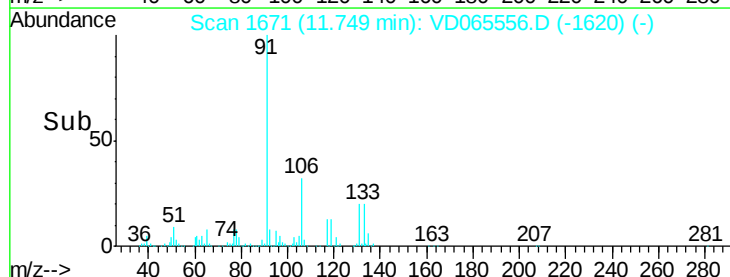
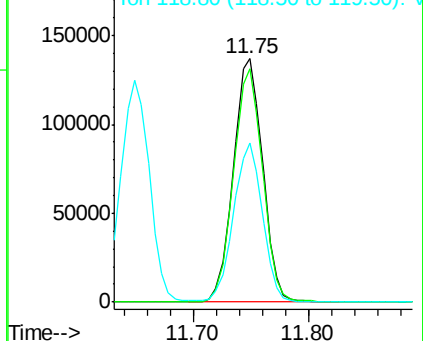
119 65.0 32.5 97.4

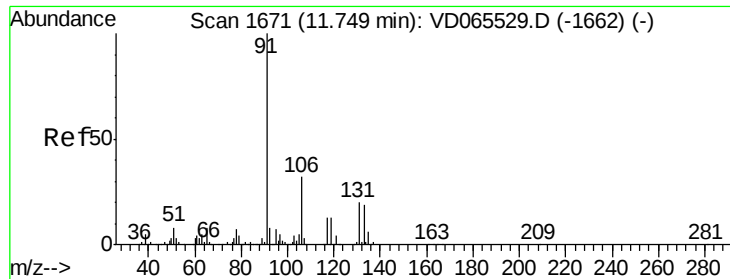


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 48.322 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065556.D

Acq: 27 Mar 2020 20:58

Instrument :

MSVOA_D

ClientSampleID :

VSTDCCC050EC

Tot Ion: 91 Resp: 1077182

Ion Ratio Lower Upper

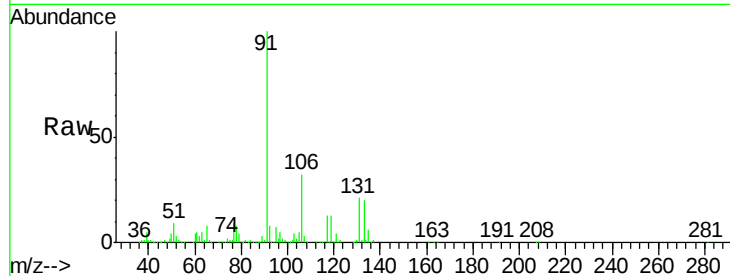
91 100

106 32.2 25.4 38.0

Manual Integrations
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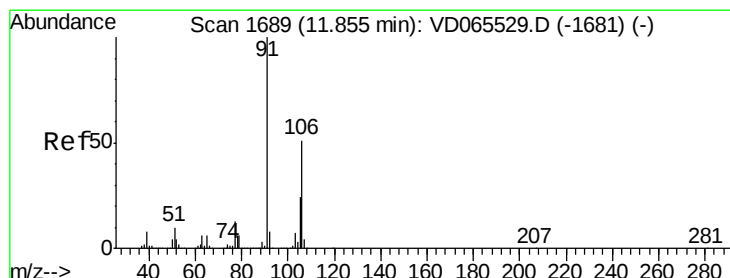
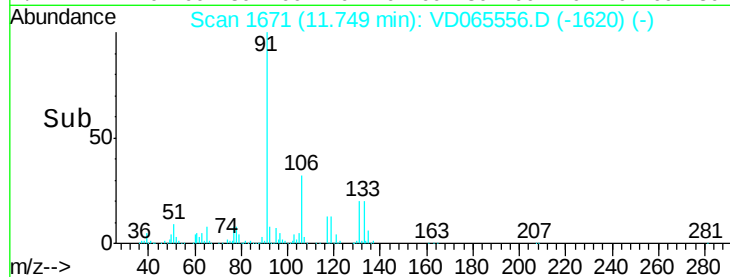
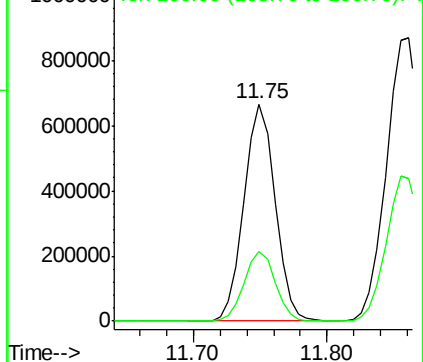
apatel

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Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 96.575 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD065556.D

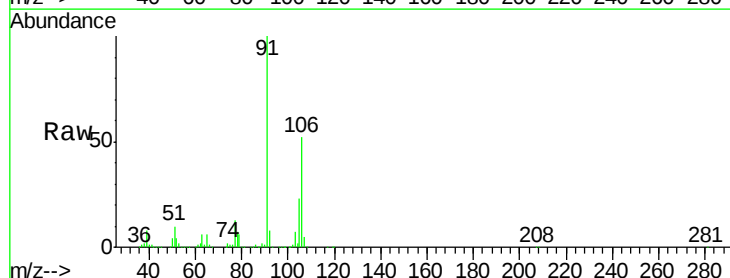
Acq: 27 Mar 2020 20:58

Tgt Ion: 106 Resp: 845304

Ion Ratio Lower Upper

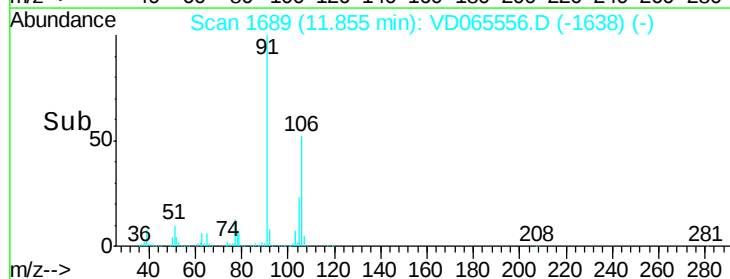
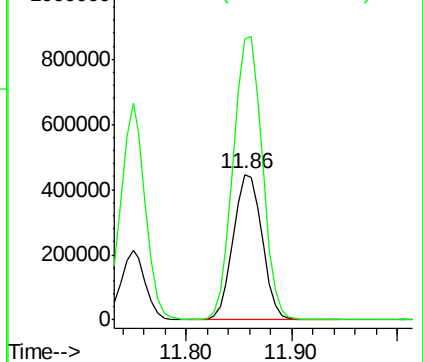
106 100

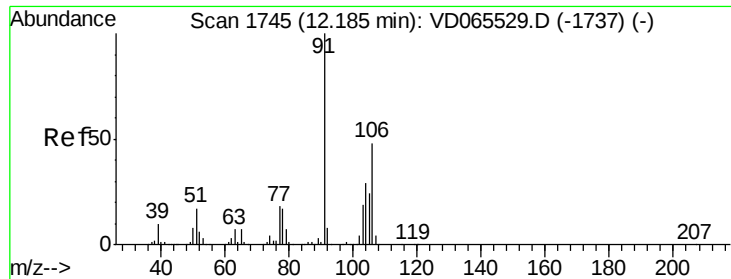
91 196.5 155.4 233.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V





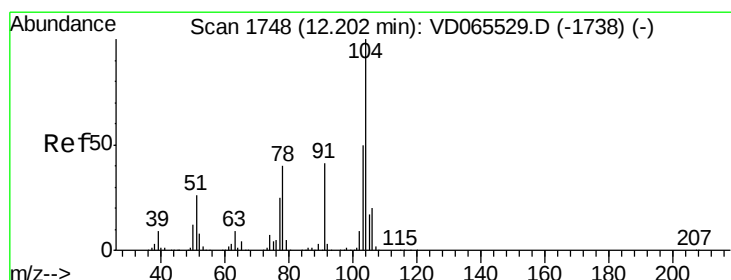
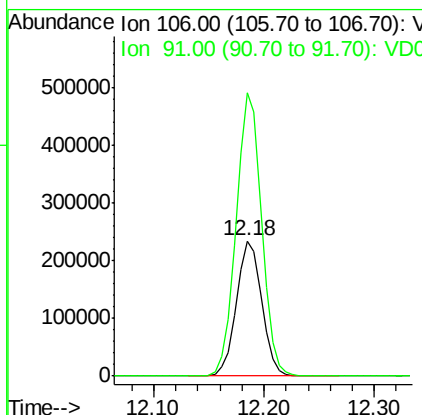
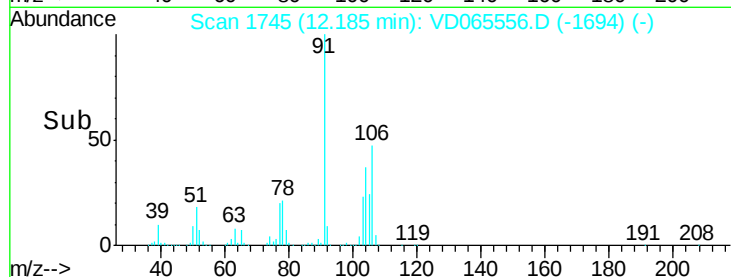
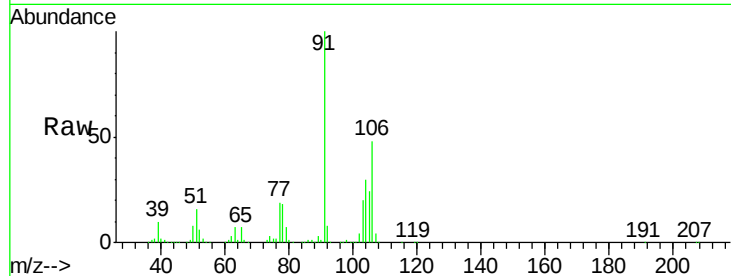
#69
o-Xylene
Concen: 49.536 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065556.D
Acq: 27 Mar 2020 20:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.3	102.8	308.4

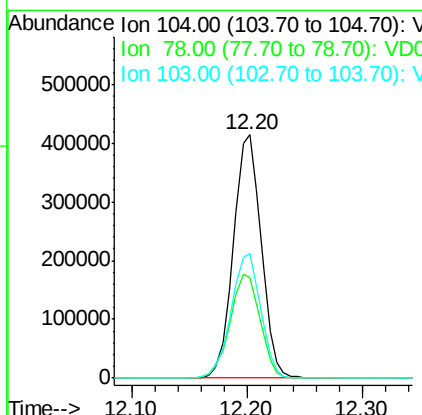
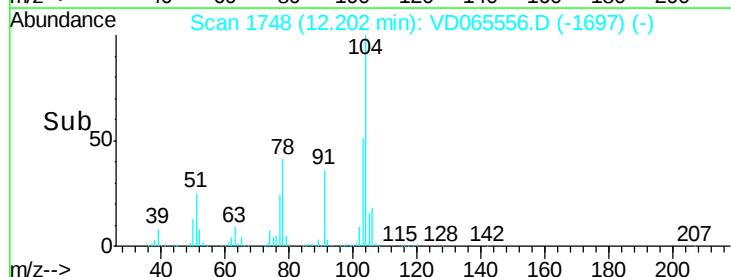
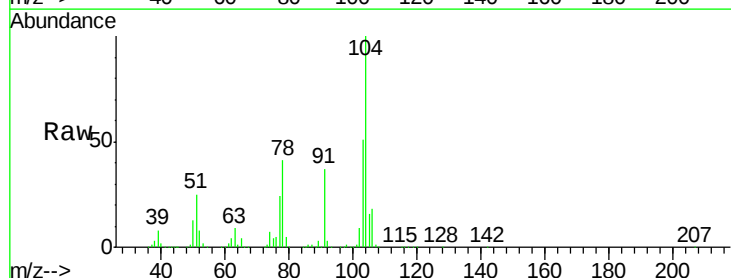
Manual Integrations
APPROVED

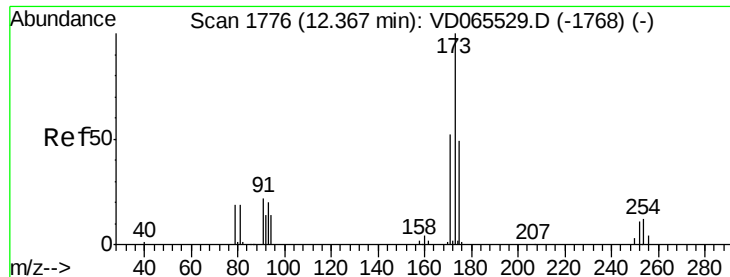
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#70
Styrene
Concen: 51.037 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD065556.D
Acq: 27 Mar 2020 20:58

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.4	36.6	55.0
103	54.6	43.8	65.6





#71

Bromoform

Concen: 49.172 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD065556.D

Acq: 27 Mar 2020 20:58

Instrument :

MSVOA_D

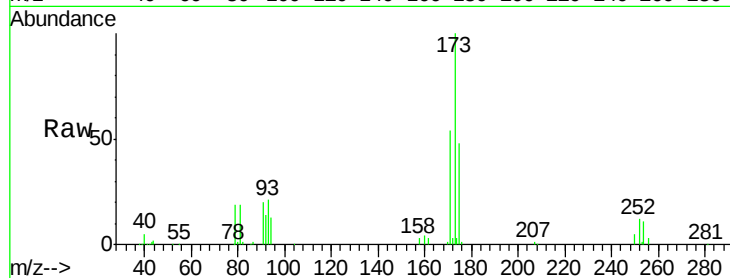
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.3	72.8
254	0.0	0.0	0.0

Manual Integrations
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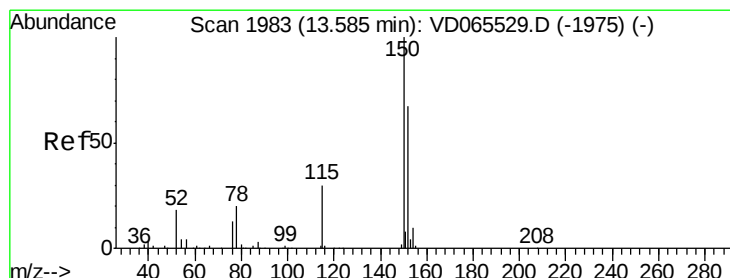
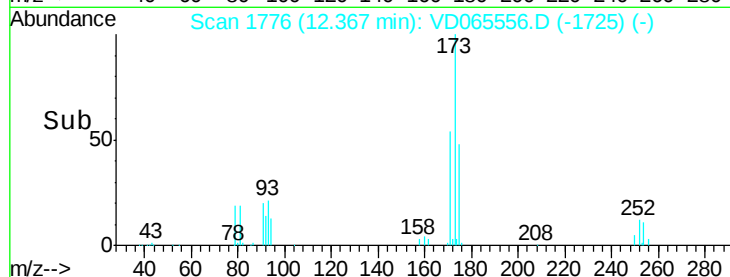
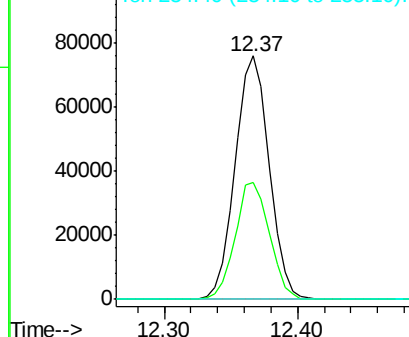


Abundance

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

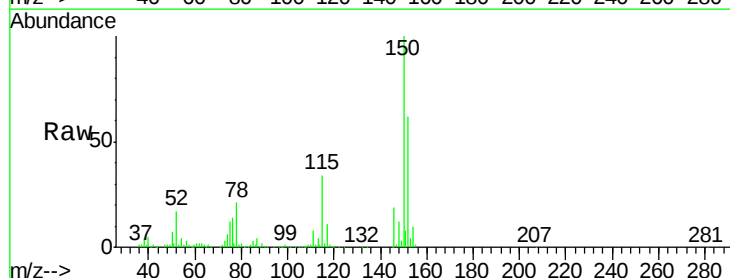
RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD065556.D

Acq: 27 Mar 2020 20:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.6	27.2	81.6
150	172.2	0.0	340.2

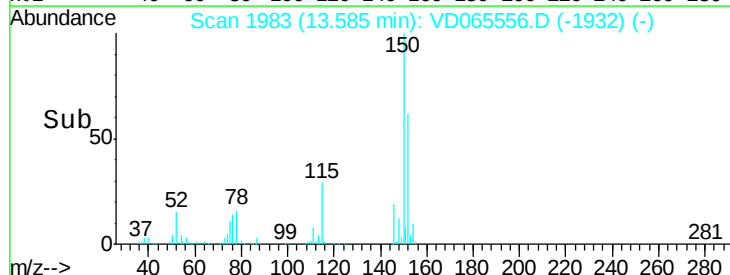
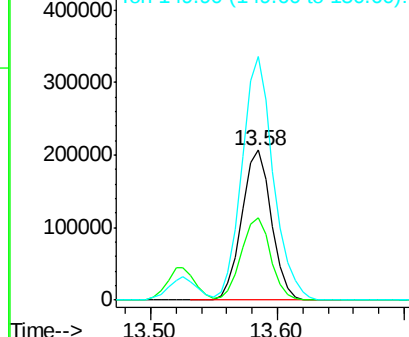


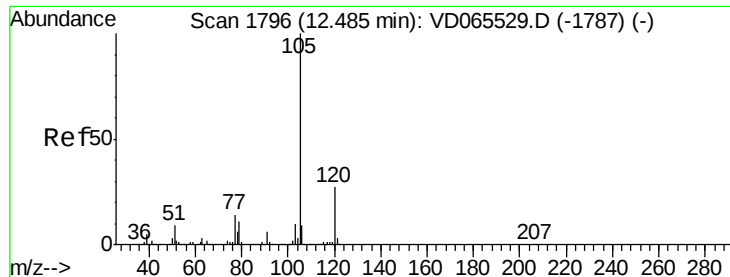
Abundance

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: 49.230 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065556.D

Acq: 27 Mar 2020 20:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 1011686

Ion Ratio Lower Upper

105 100

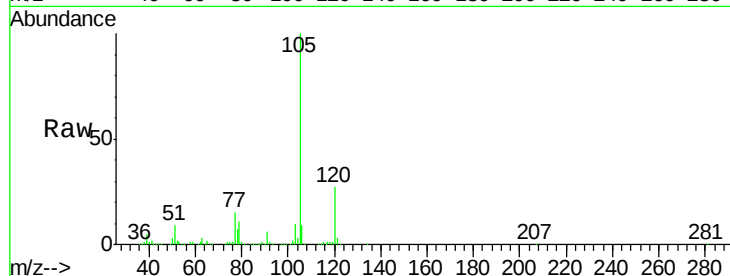
120 27.0 13.7 41.0

Manual Integrations

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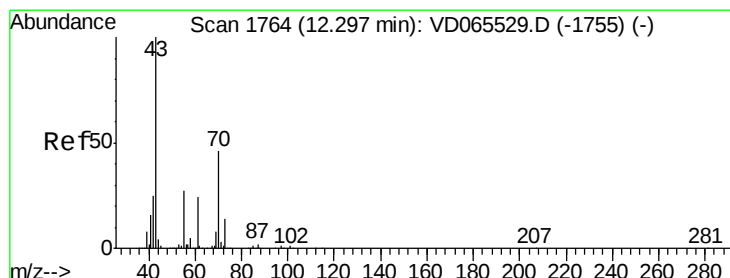
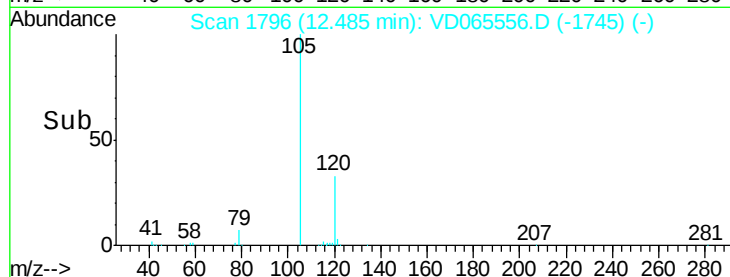
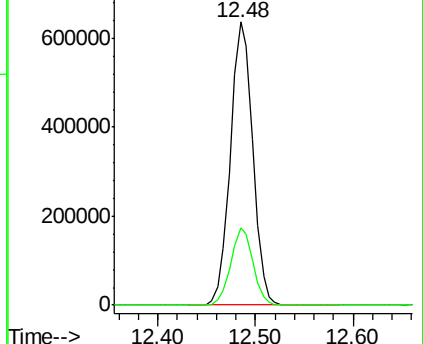
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.863 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VD065556.D

Acq: 27 Mar 2020 20:58

Tgt Ion: 43 Resp: 206283

Ion Ratio Lower Upper

43 100

70 45.1 36.2 54.2

55 28.4 22.2 33.4

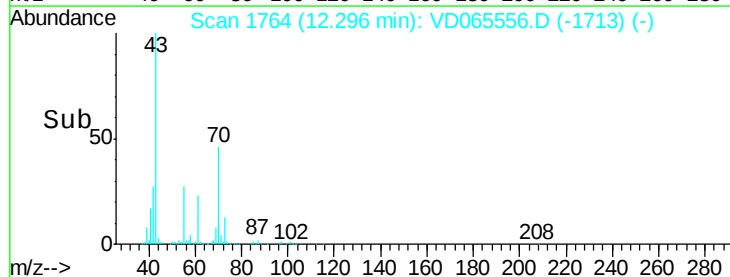
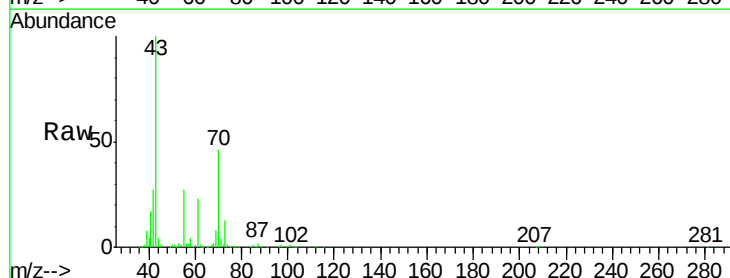
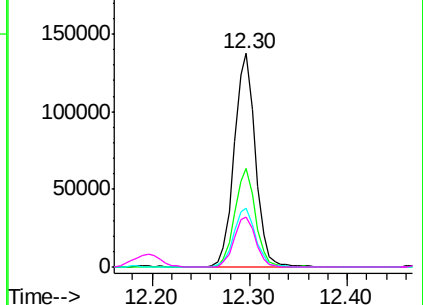
61 24.0 19.5 29.3

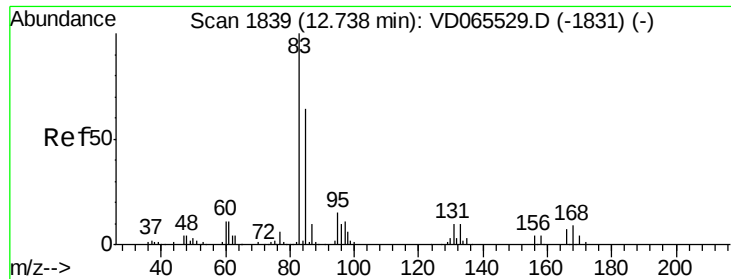
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 48.907 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065556.D

Acq: 27 Mar 2020 20:58

Instrument :

MSVOA_D

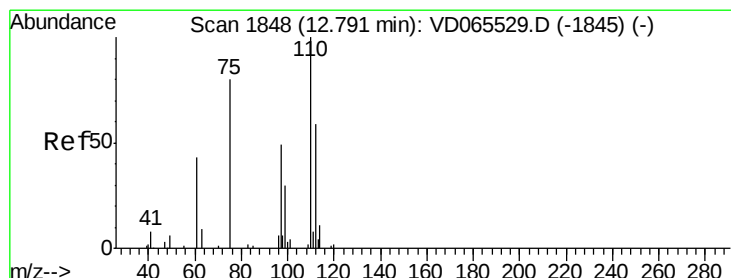
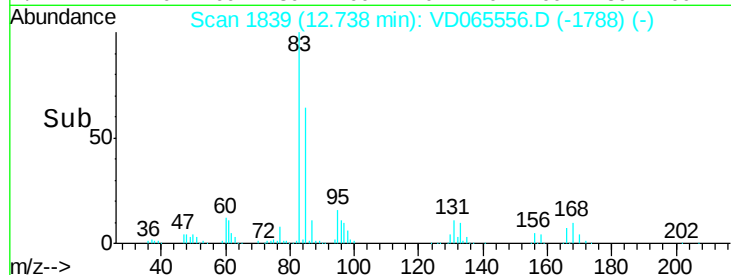
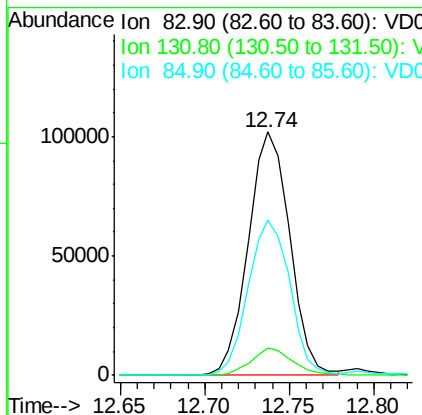
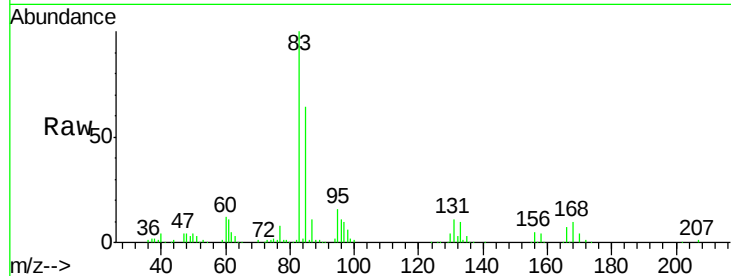
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	174574
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.6	16.8
85	64.2	32.6	98.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 43.060 ug/l m

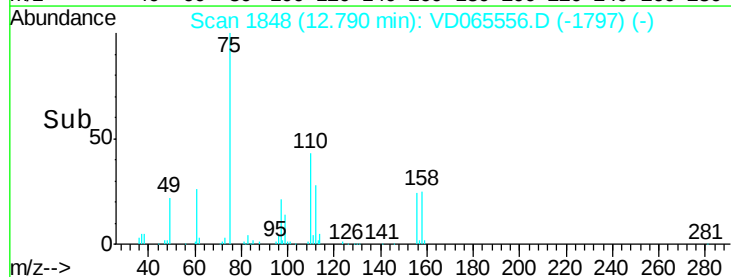
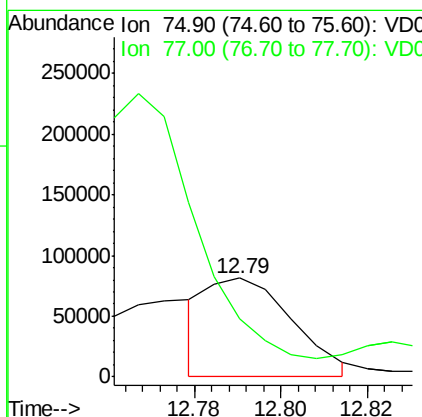
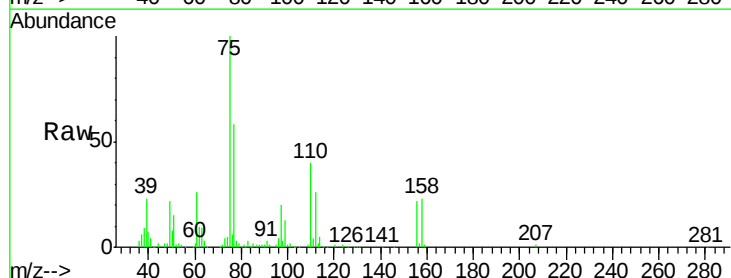
RT: 12.79 min Scan# 1848

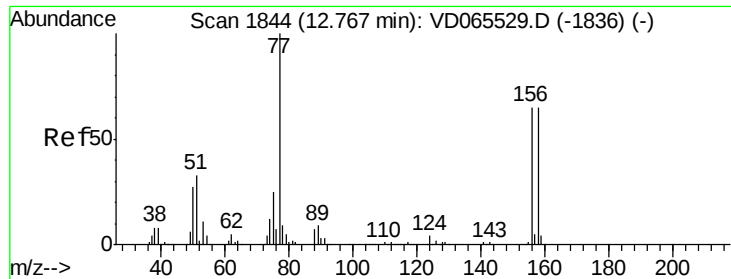
Delta R.T. -0.00 min

Lab File: VD065556.D

Acq: 27 Mar 2020 20:58

Tgt Ion:	75	Resp:	110796
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.030 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065556.D

Acq: 27 Mar 2020 20:58

Instrument :

MSVOA_D

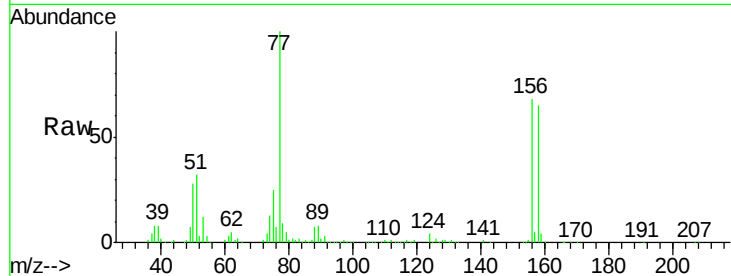
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	164.0	81.8	245.3
158	96.4	49.1	147.4

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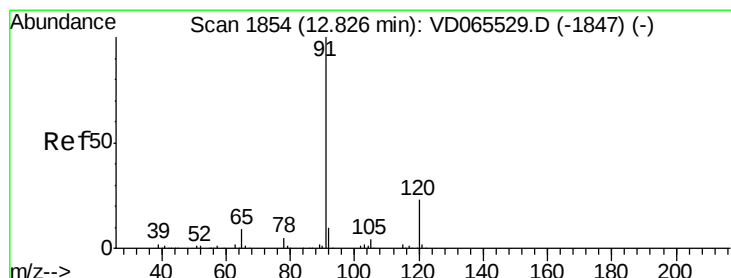
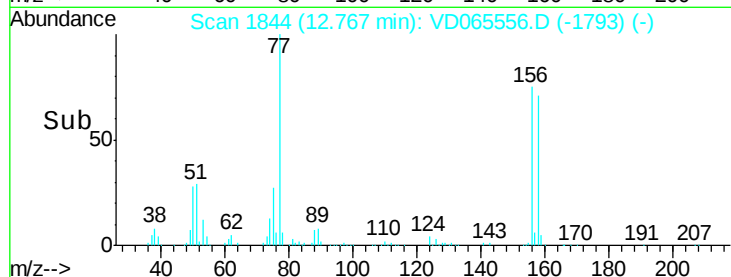
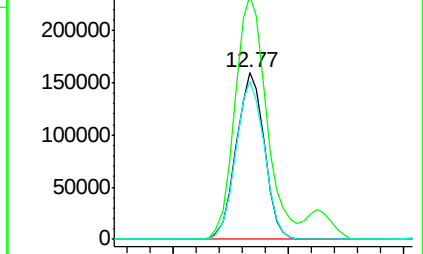
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.022 ug/l

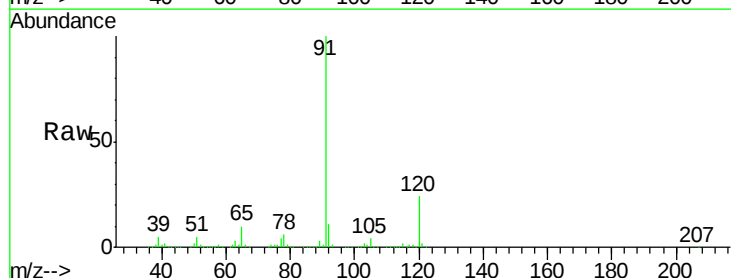
RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD065556.D

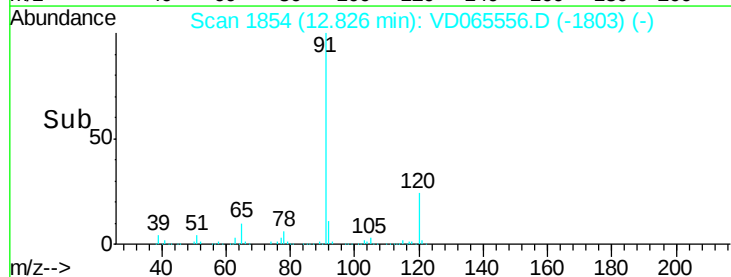
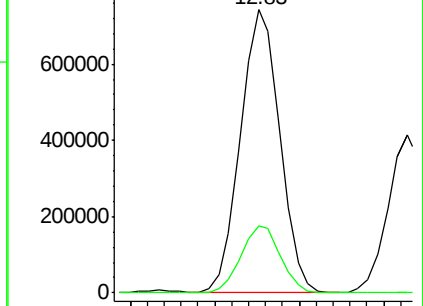
Acq: 27 Mar 2020 20:58

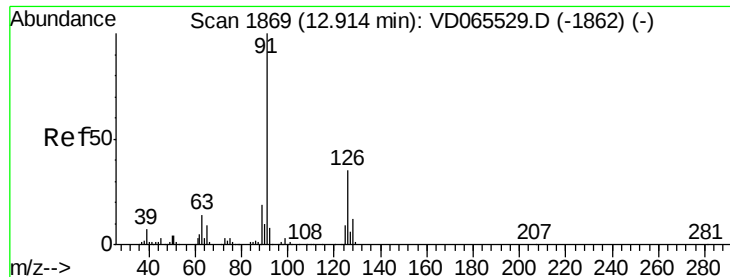
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.9	11.8	35.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





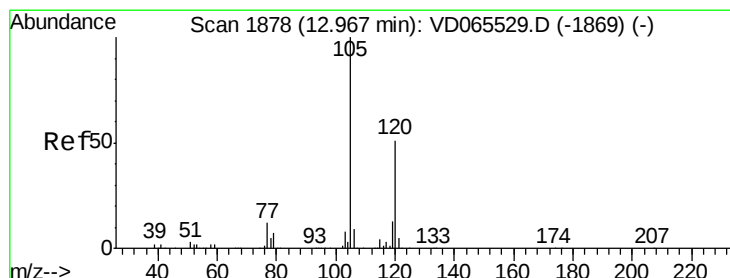
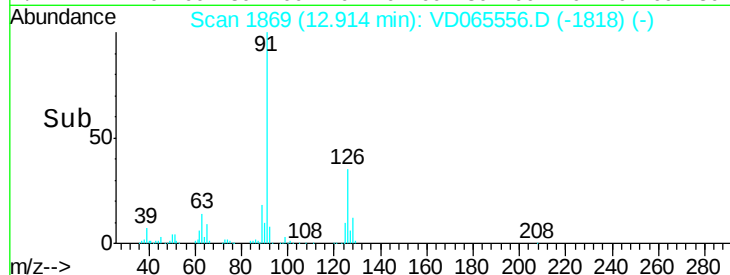
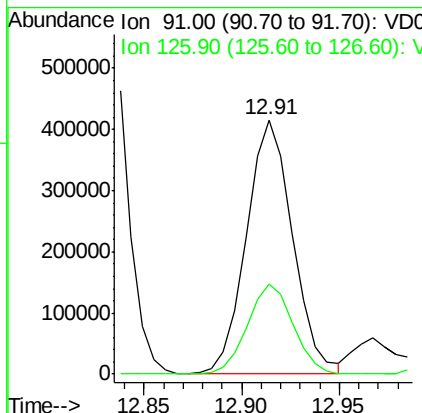
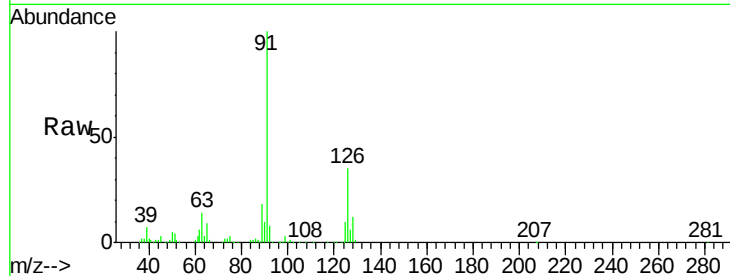
#79
 2-Chlorotoluene
 Concen: 48.589 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VD065556.D
 Acq: 27 Mar 2020 20:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 679016
 Ion Ratio Lower Upper
 91 100
 126 35.3 17.8 53.4

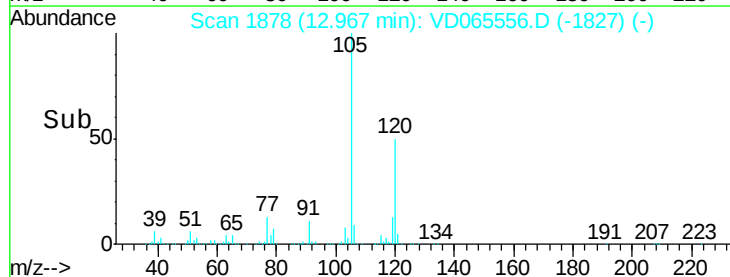
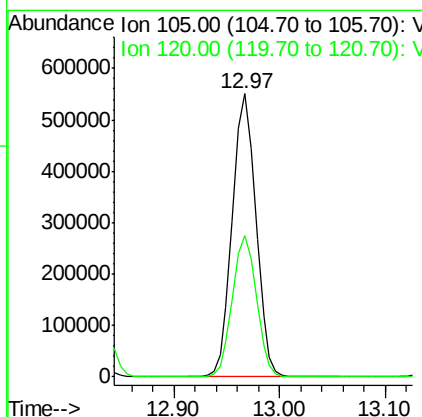
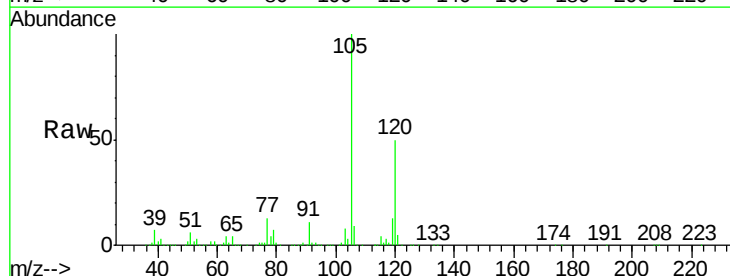
Manual Integrations
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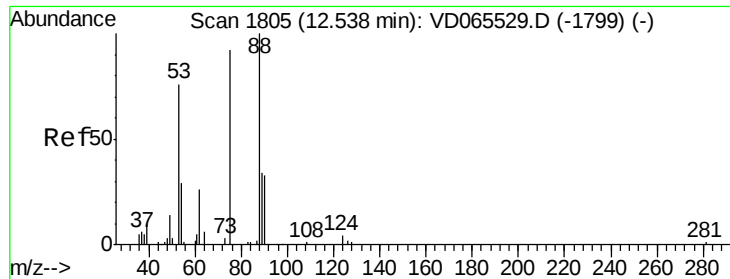
apatel
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#80
 1,3,5-Trimethylbenzene
 Concen: 50.134 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VD065556.D
 Acq: 27 Mar 2020 20:58

Tgt Ion: 105 Resp: 853946
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.6 76.6





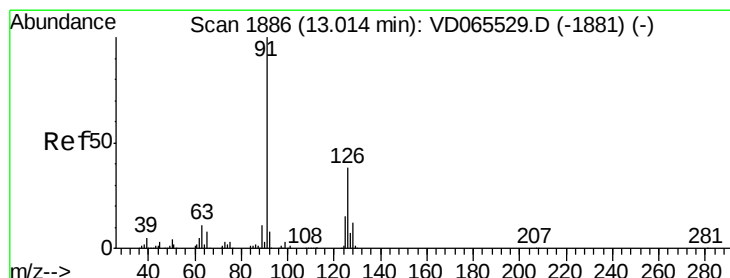
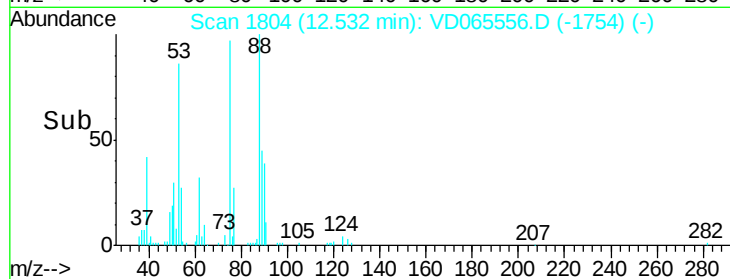
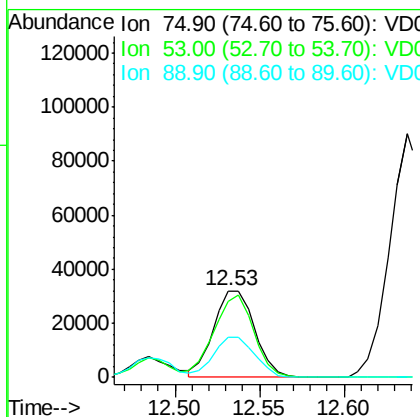
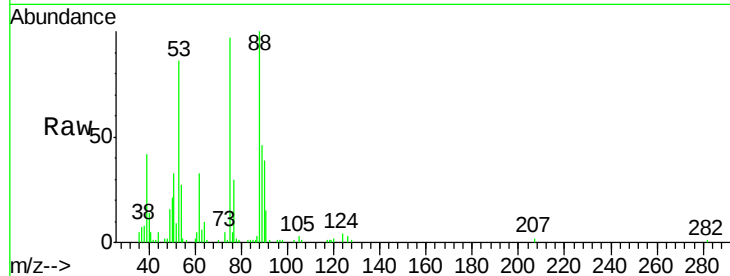
#81
trans-1,4-Dichloro-2-butene
Concen: 47.151 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.01 min
Lab File: VD065556.D
Acq: 27 Mar 2020 20:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.7	72.4	108.6
89	46.6	36.9	55.3

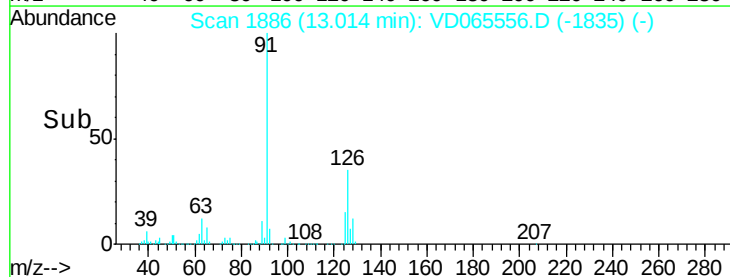
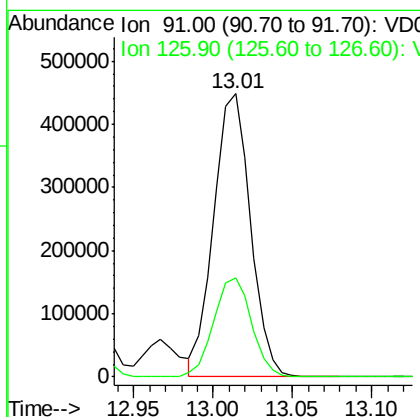
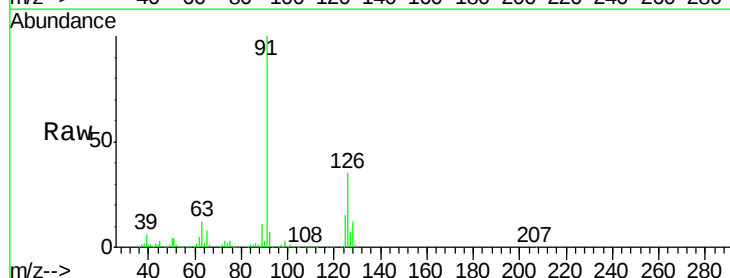
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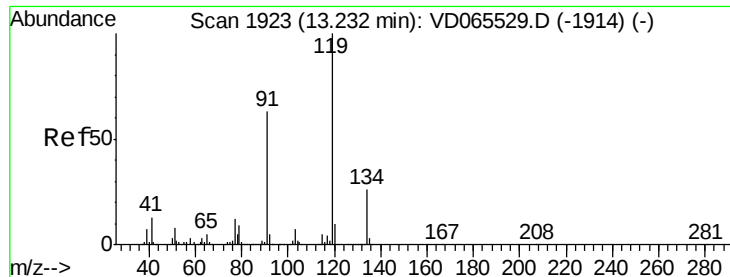
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#82
4-Chlorotoluene
Concen: 48.595 ug/l
RT: 13.01 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VD065556.D
Acq: 27 Mar 2020 20:58

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.1	17.9	53.7





#83

tert-Butylbenzene

Concen: 49.231 ug/l

RT: 13.23 min Scan# 1923

Delta R.T. -0.00 min

Lab File: VD065556.D

Acq: 27 Mar 2020 20:58

Instrument :

MSVOA_D

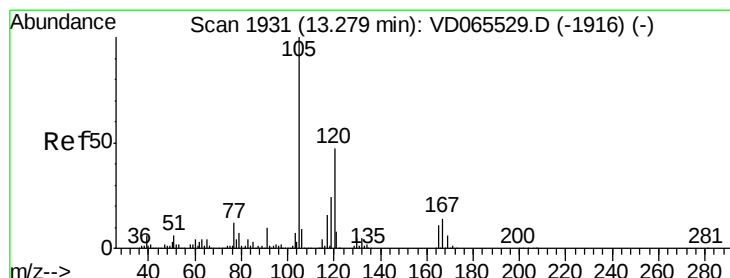
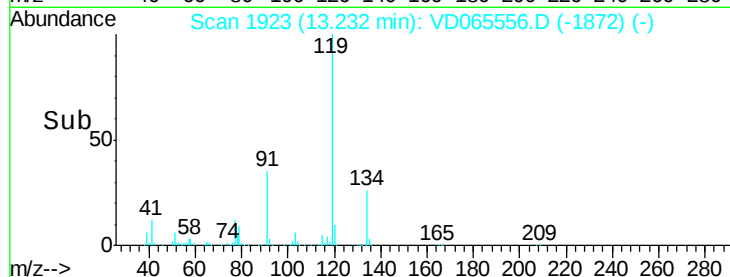
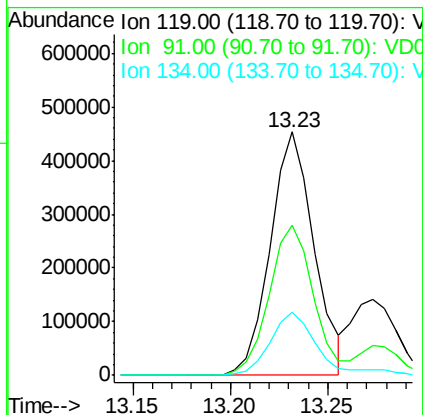
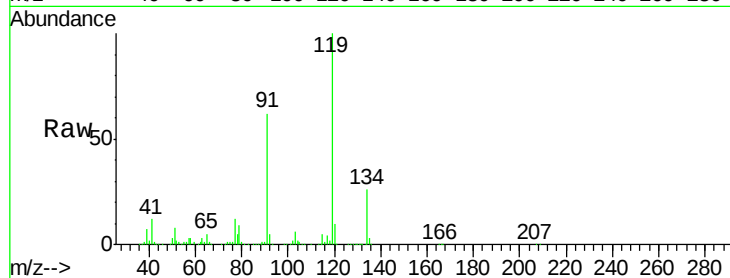
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	702315
Ion Ratio	Lower	Upper	
119	100		
91	63.0	31.4	94.0
134	28.3	13.9	41.6

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 49.799 ug/l

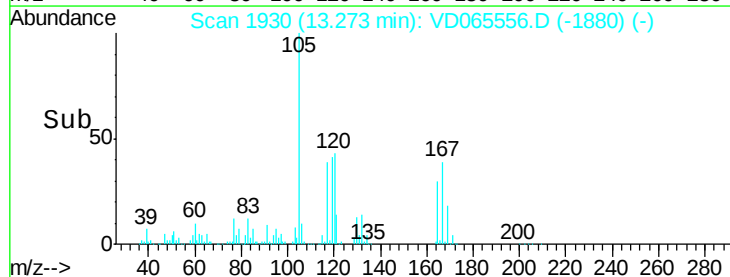
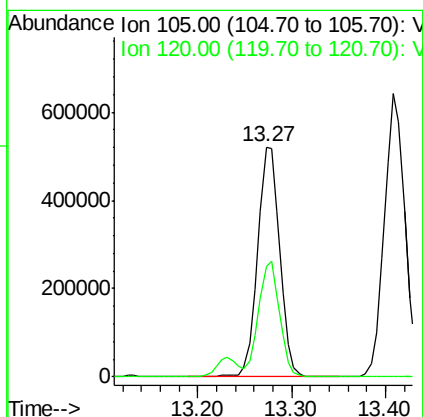
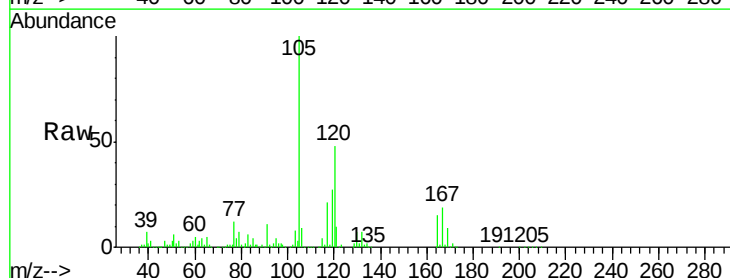
RT: 13.27 min Scan# 1930

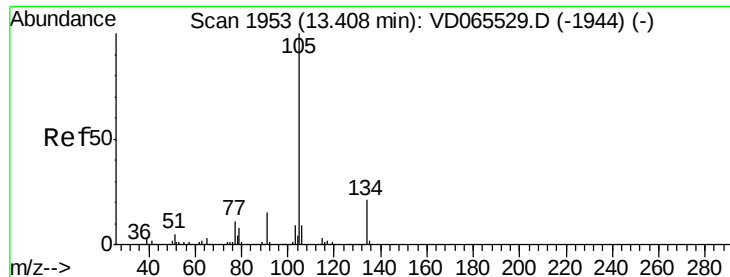
Delta R.T. -0.01 min

Lab File: VD065556.D

Acq: 27 Mar 2020 20:58

Tgt Ion:	105	Resp:	848015
Ion Ratio	Lower	Upper	
105	100		
120	47.7	23.5	70.5





#85

sec-Butylbenzene

Concen: 47.626 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD065556.D

Acq: 27 Mar 2020 20:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 972268

Ion Ratio Lower Upper

105 100

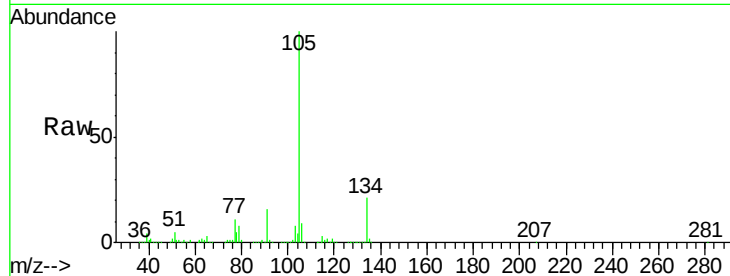
134 21.0 10.6 31.8

Manual Integrations

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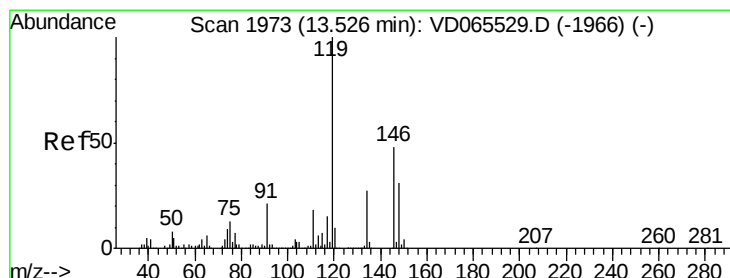
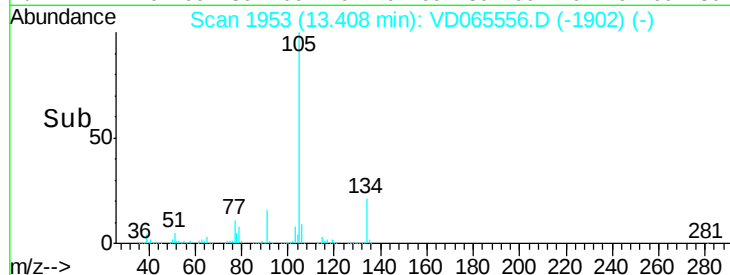
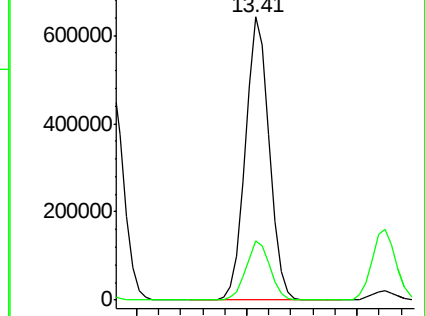
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.007 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD065556.D

Acq: 27 Mar 2020 20:58

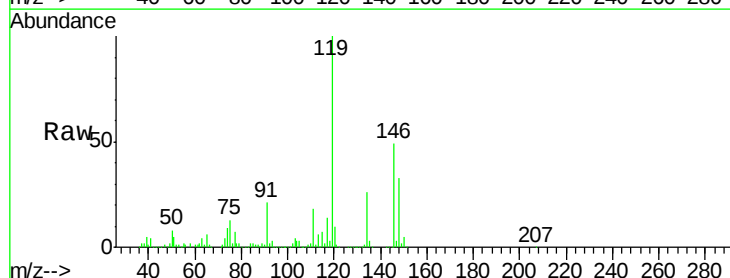
Tgt Ion:119 Resp: 921950

Ion Ratio Lower Upper

119 100

134 26.5 13.5 40.5

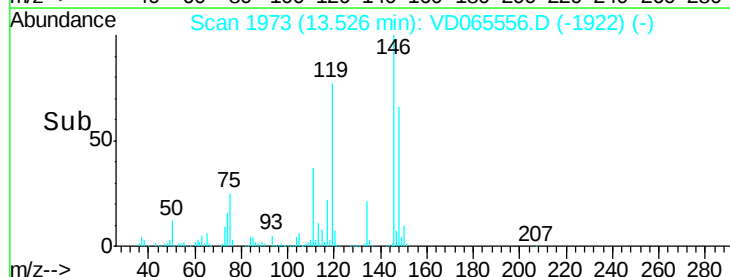
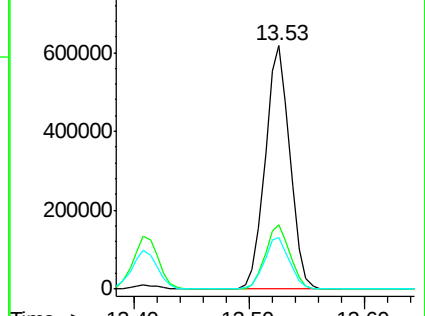
91 21.3 10.8 32.3

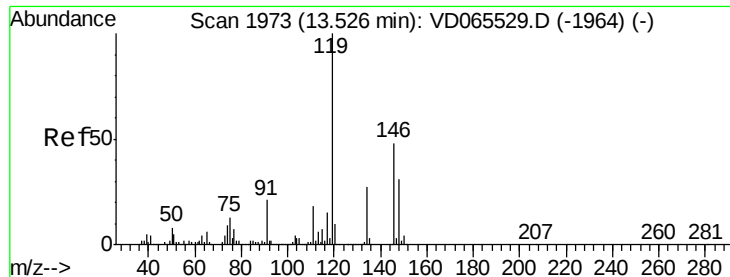


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





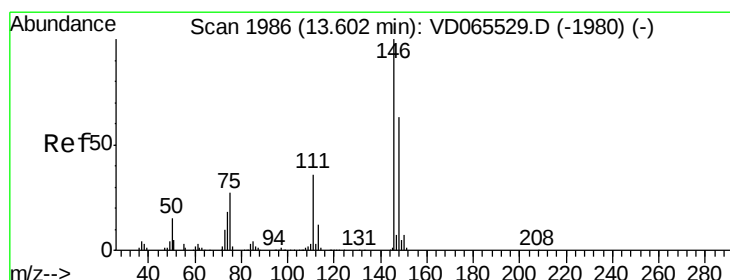
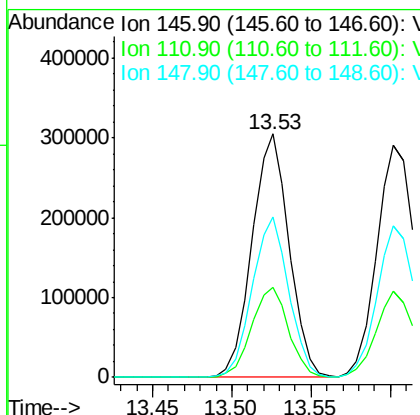
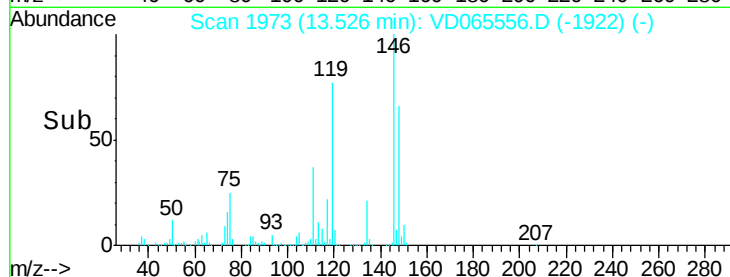
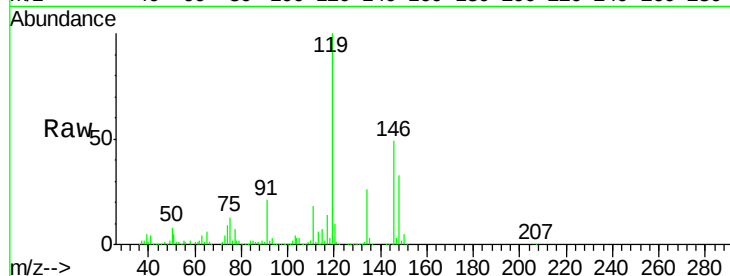
#87
 1,3-Dichlorobenzene
 Concen: 47.843 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VD065556.D
 Acq: 27 Mar 2020 20:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.5	55.5
148	65.0	31.8	95.4

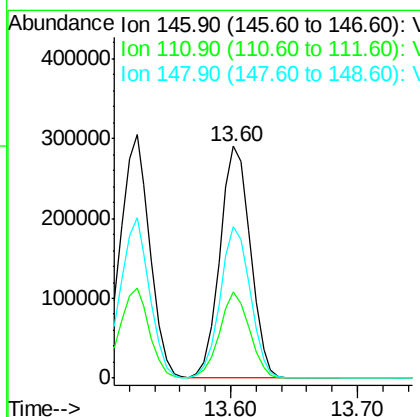
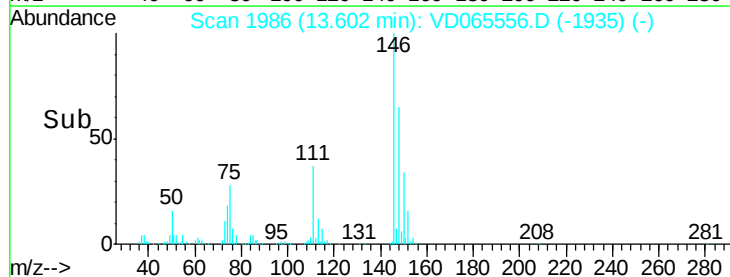
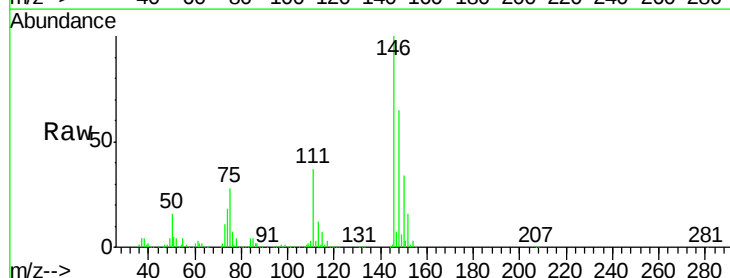
Manual Integrations
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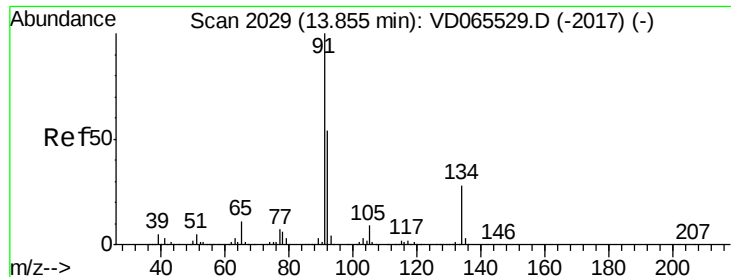
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#88
 1,4-Dichlorobenzene
 Concen: 46.717 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD065556.D
 Acq: 27 Mar 2020 20:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.0	54.0
148	64.4	31.6	94.8





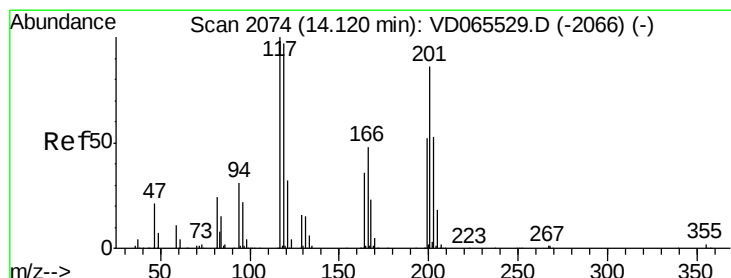
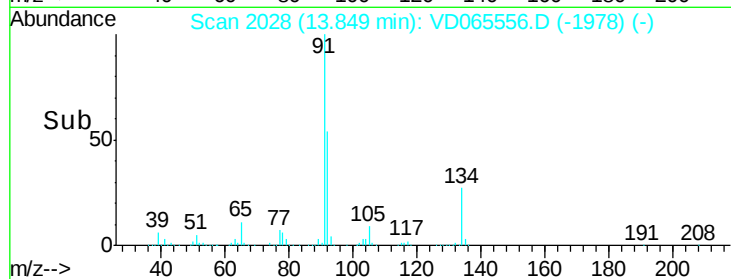
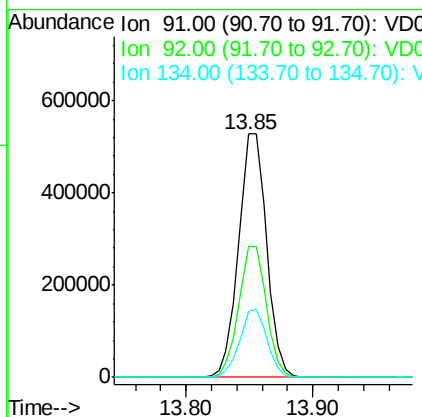
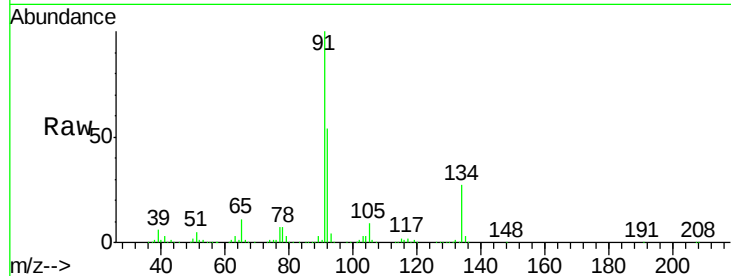
#89
n-Butylbenzene
Concen: 47.247 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.01 min
Lab File: VD065556.D
Acq: 27 Mar 2020 20:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.8	80.4
134	27.2	13.7	41.0

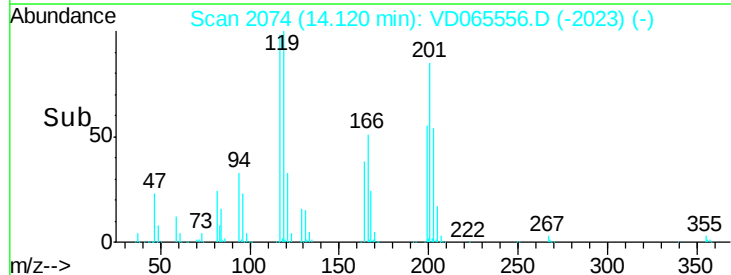
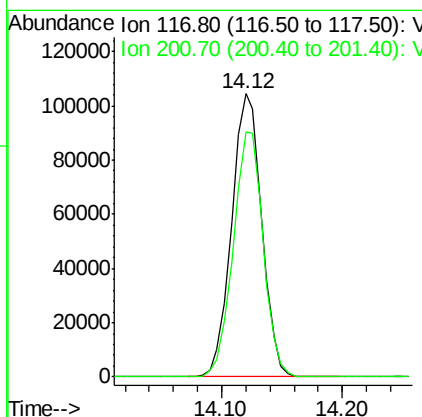
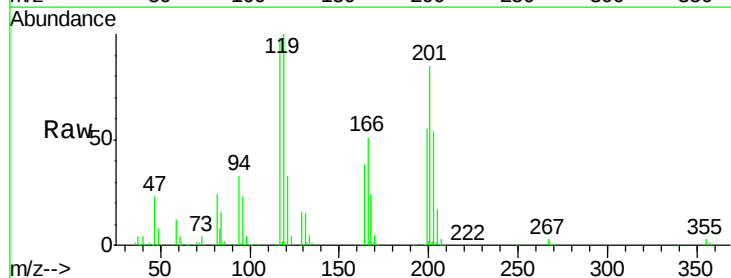
Manual Integrations
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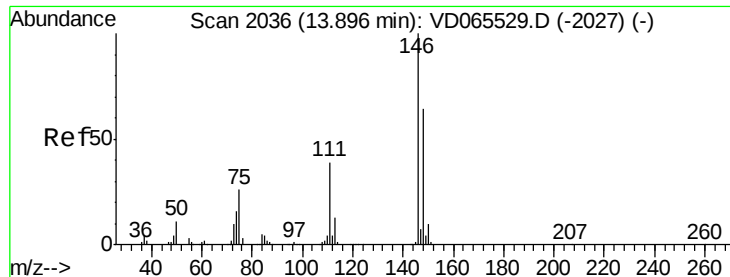
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#90
Hexachloroethane
Concen: 45.834 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD065556.D
Acq: 27 Mar 2020 20:58

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.3	43.9	131.6





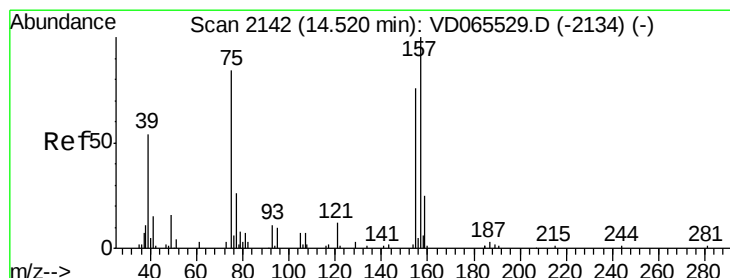
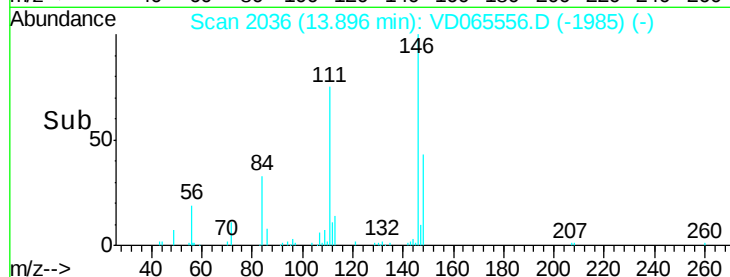
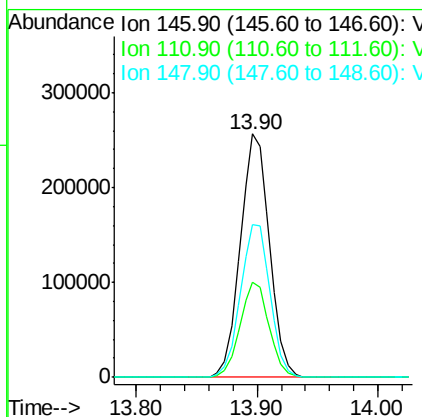
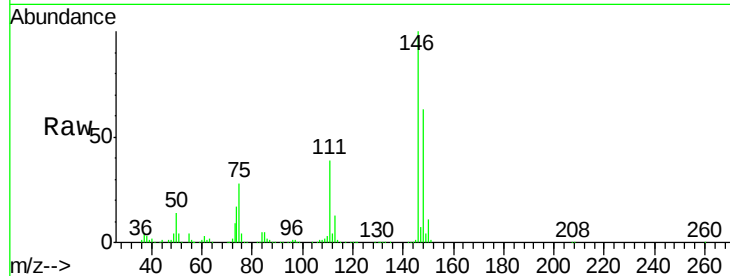
#91
 1,2-Dichlorobenzene
 Concen: 49.100 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD065556.D
 Acq: 27 Mar 2020 20:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.4	58.4
148	63.9	32.1	96.5

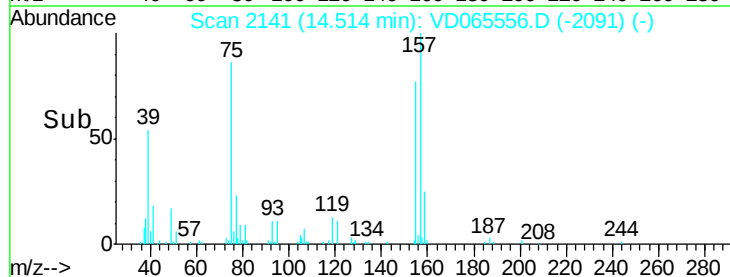
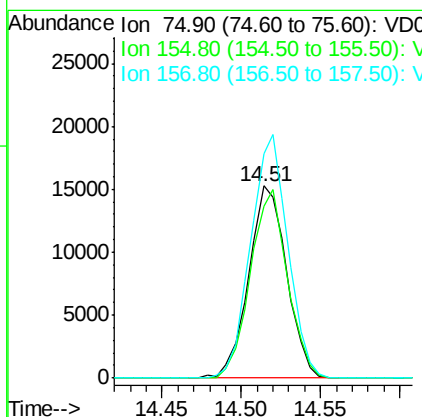
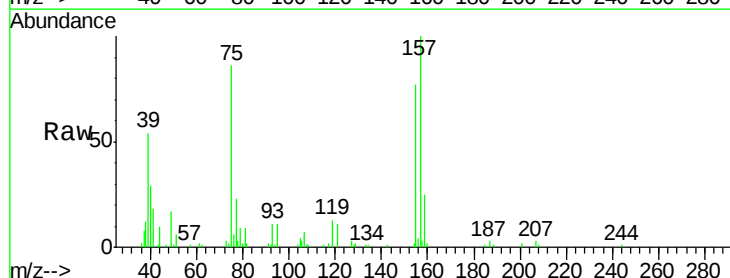
Manual Integrations
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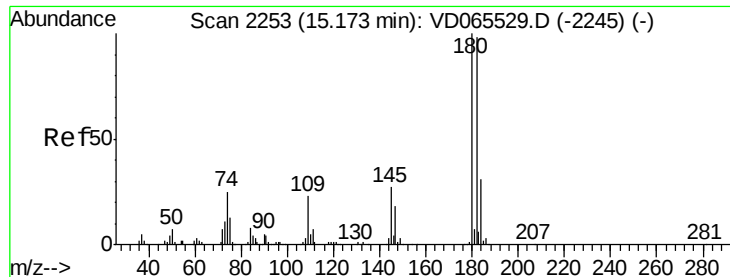
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.198 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: VD065556.D
 Acq: 27 Mar 2020 20:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.8	46.2	138.6
157	124.4	57.9	173.7





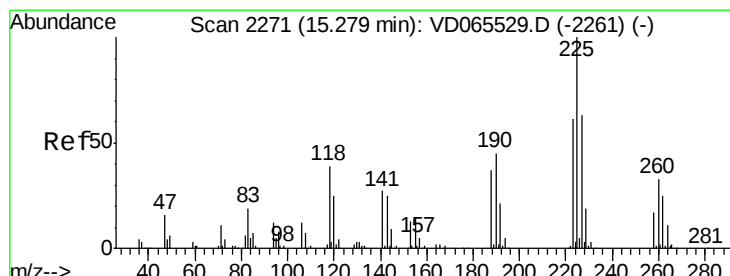
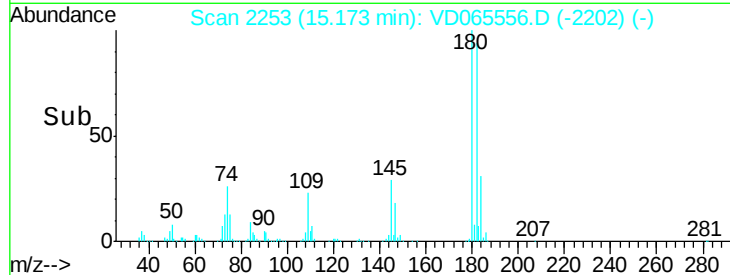
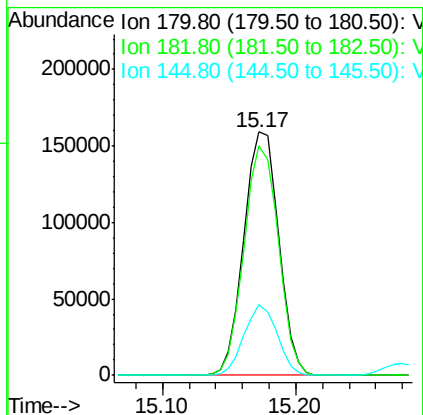
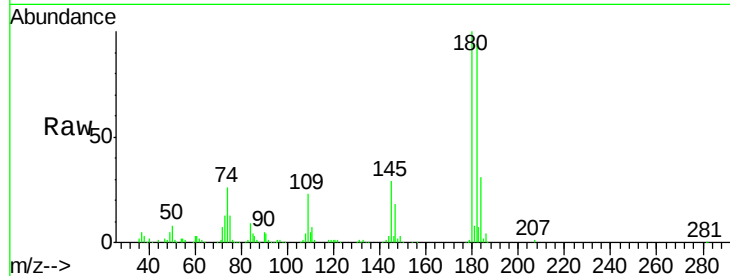
#93
 1,2,4-Trichlorobenzene
 Concen: 47.401 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VD065556.D
 Acq: 27 Mar 2020 20:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	287678		
182	93.1	48.1	144.3	
145	27.7	13.9	41.6	

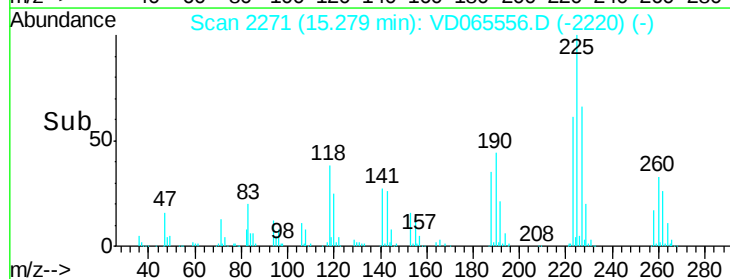
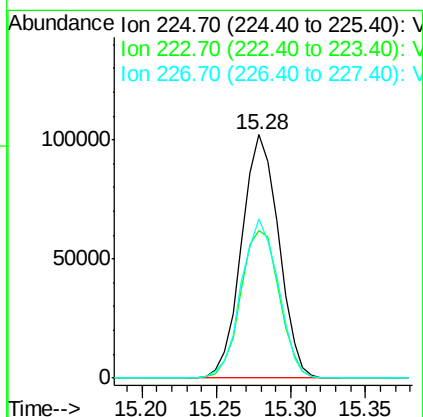
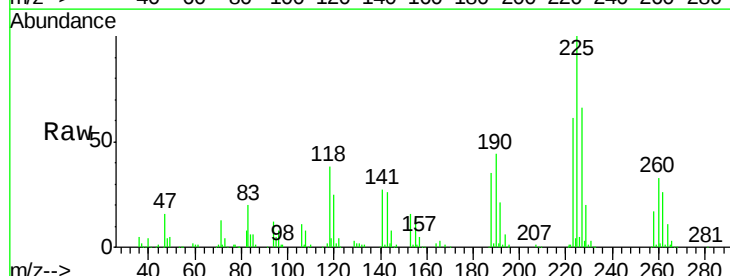
Manual Integrations
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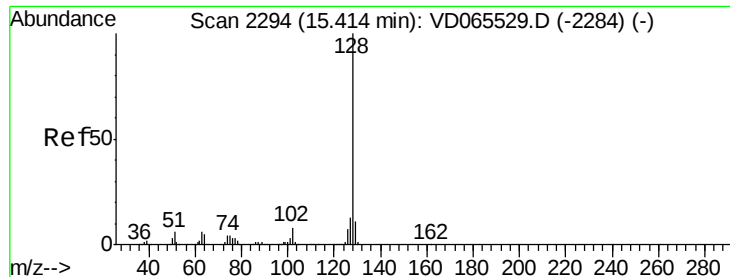
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#94
 Hexachlorobutadiene
 Concen: 44.506 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VD065556.D
 Acq: 27 Mar 2020 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	176016		
223	63.2	31.2	93.6	
227	65.1	32.3	96.9	





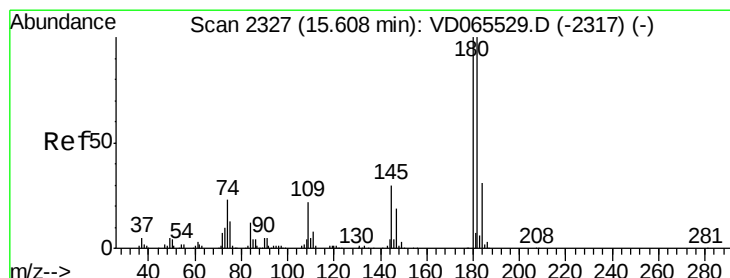
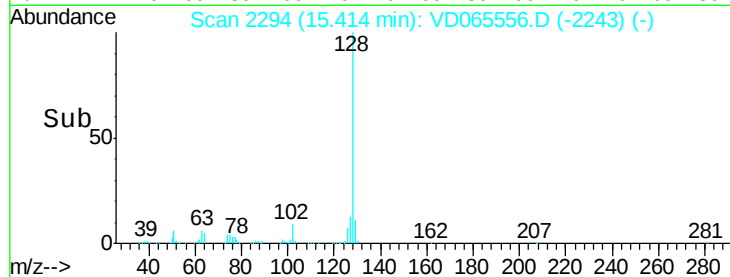
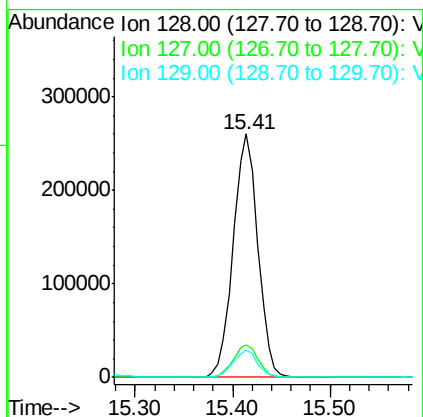
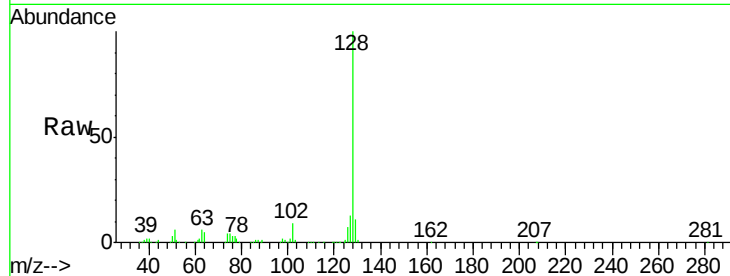
#95
Naphthalene
Concen: 44.668 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VD065556.D
Acq: 27 Mar 2020 20:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	11.0	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 49.100 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. -0.00 min
Lab File: VD065556.D
Acq: 27 Mar 2020 20:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	48.1	144.3
145	30.0	15.0	45.0

