

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032620\
 Data File : VD065532.D
 Acq On : 26 Mar 2020 19:21
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICSV032620

Manual Integrations
 APPROVED

apatel
 3/27/2020 10:12:33 AM

Quant Time: Mar 27 01:54:39 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	535812	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	767756	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	709478	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	350688	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	225372	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
35) Dibromofluoromethane	7.92	113	244724	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
50) Toluene-d8	10.34	98	935509	52.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.16%	
62) 4-Bromofluorobenzene	12.64	95	300517	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	147160	49.959	ug/l	96
3) Chloromethane	2.21	50	218302	51.725	ug/l	99
4) Vinyl Chloride	2.35	62	227007	45.846	ug/l	98
5) Bromomethane	2.77	94	160959	51.578	ug/l	98
6) Chloroethane	2.93	64	151916	47.478	ug/l	97
7) Trichlorofluoromethane	3.27	101	352196	47.677	ug/l	100
8) Diethyl Ether	3.70	74	113667	48.494	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	232713	47.765	ug/l	98
10) Methyl Iodide	4.30	142	286429	50.809	ug/l	99
11) Tert butyl alcohol	5.25	59	65013	259.204	ug/l #	73
12) 1,1-Dichloroethene	4.06	96	225397	48.692	ug/l	98
13) Acrolein	3.92	56	105332	248.730	ug/l	99
14) Allyl chloride	4.71	41	358162	50.851	ug/l	99
15) Acrylonitrile	5.43	53	243865	252.659	ug/l	100
16) Acetone	4.17	43	174759	207.654	ug/l	95
17) Carbon Disulfide	4.40	76	736291	48.248	ug/l	99
18) Methyl Acetate	4.72	43	105719	48.309	ug/l	99
19) Methyl tert-butyl Ether	5.49	73	487352	52.790	ug/l	99
20) Methylene Chloride	4.96	84	264081	50.762	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	263891	49.551	ug/l	97
22) Diisopropyl ether	6.37	45	724989	53.081	ug/l	97
23) Vinyl Acetate	6.31	43	2021004	271.662	ug/l	99
24) 1,1-Dichloroethane	6.27	63	433745	50.081	ug/l	98
25) 2-Butanone	7.22	43	281005	245.861	ug/l	99
26) 2,2-Dichloropropane	7.21	77	370782	48.345	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	280804	50.883	ug/l	100
28) Bromochloromethane	7.56	49	171731	47.689	ug/l	99
29) Tetrahydrofuran	7.57	42	187839	253.577	ug/l	99
30) Chloroform	7.71	83	445273	49.632	ug/l	100
31) Cyclohexane	7.98	56	404292	48.220	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	403793	49.820	ug/l	99
36) 1,1-Dichloropropene	8.11	75	353057	50.331	ug/l	100
37) Ethyl Acetate	7.30	43	135715	50.544	ug/l	98
38) Carbon Tetrachloride	8.10	117	365387	49.456	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	437247	52.870	ug/l	98
40) Benzene	8.36	78	1017563	50.836	ug/l	98
41) Methacrylonitrile	7.53	41	76341	49.254	ug/l	98
42) 1,2-Dichloroethane	8.43	62	268892	50.483	ug/l	98
43) Isopropyl Acetate	8.46	43	254590	52.213	ug/l	98
44) Trichloroethene	9.11	130	290077	49.946	ug/l	100
45) 1,2-Dichloropropane	9.39	63	249663	51.347	ug/l	95
46) Dibromomethane	9.48	93	131265	51.448	ug/l	97
47) Bromodichloromethane	9.67	83	344441	50.960	ug/l	97
48) Methyl methacrylate	9.46	41	120719	52.069	ug/l	100
49) 1,4-Dioxane	9.47	88	30577	1102.114	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	664994	270.251	ug/l	99
52) Toluene	10.41	92	654494	51.631	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	320668	51.872	ug/l	99
54) cis-1,3-Dichloropropene	10.10	75	397527	52.559	ug/l	99
55) 1,1,2-Trichloroethane	10.81	97	182105	50.033	ug/l	95
56) Ethyl methacrylate	10.67	69	217592	49.023	ug/l	99
57) 1,3-Dichloropropane	10.95	76	312594	51.037	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.95	63	562266	272.230	ug/l	99
59) 2-Hexanone	10.99	43	440039	262.282	ug/l	99
60) Dibromochloromethane	11.14	129	244942	50.782	ug/l	99
61) 1,2-Dibromoethane	11.25	107	176893	50.216	ug/l	99
64) Tetrachloroethene	10.88	164	253530	49.886	ug/l	96
65) Chlorobenzene	11.68	112	707823	51.032	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	263968	51.033	ug/l	99
67) Ethyl Benzene	11.75	91	1242325	53.177	ug/l	100
68) m/p-Xylenes	11.86	106	964759	105.175	ug/l	100
69) o-Xylene	12.18	106	436678	54.358	ug/l	99
70) Styrene	12.20	104	771456	54.370	ug/l	99
71) Bromoform	12.37	173	143699	50.368	ug/l	# 98
73) Isopropylbenzene	12.48	105	1175429	54.587	ug/l	100
74) N-amyl acetate	12.30	43	232728	54.764	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	188189	50.314	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	130045m	48.234	ug/l	
77) Bromobenzene	12.77	156	297179	52.812	ug/l	99
78) n-propylbenzene	12.83	91	1383170	53.888	ug/l	99
79) 2-Chlorotoluene	12.91	91	770844	52.642	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	975500	54.656	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	63687	52.728	ug/l	99
82) 4-Chlorotoluene	13.01	91	817140	52.510	ug/l	99
83) tert-Butylbenzene	13.23	119	814630	54.497	ug/l	100
84) 1,2,4-Trimethylbenzene	13.28	105	975172	54.652	ug/l	100
85) sec-Butylbenzene	13.41	105	1151969	53.852	ug/l	100
86) p-Isopropyltoluene	13.53	119	1068512	54.204	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	557069	51.426	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	548538	50.679	ug/l	100
89) n-Butylbenzene	13.86	91	970298	54.202	ug/l	100
90) Hexachloroethane	14.12	117	208312	50.392	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	474054	51.552	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	27785	49.310	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	329815	51.863	ug/l	99
94) Hexachlorobutadiene	15.28	225	214104	51.665	ug/l	97
95) Naphthalene	15.41	128	529364	48.969	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	288213	52.769	ug/l	99

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

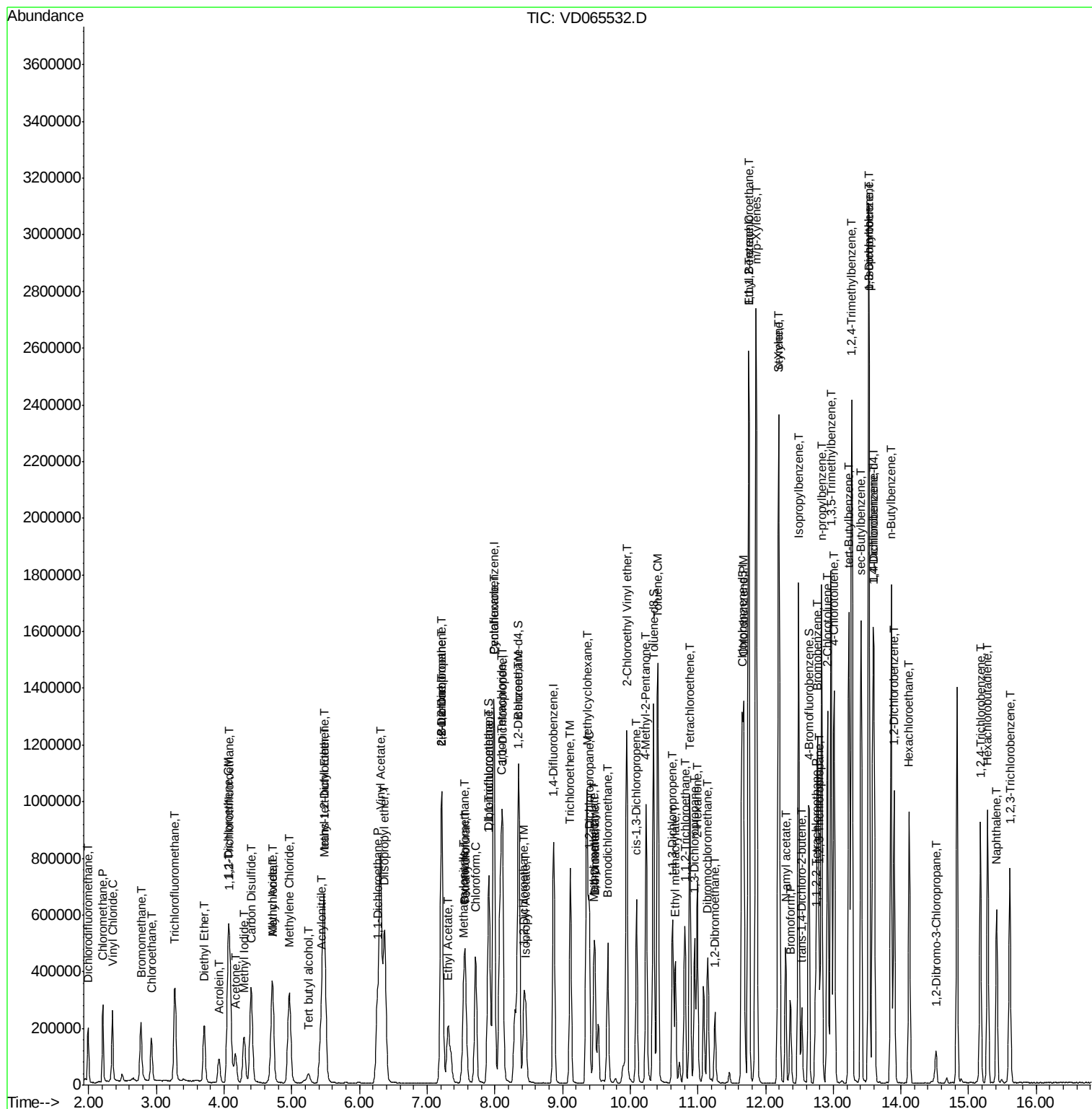
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032620\
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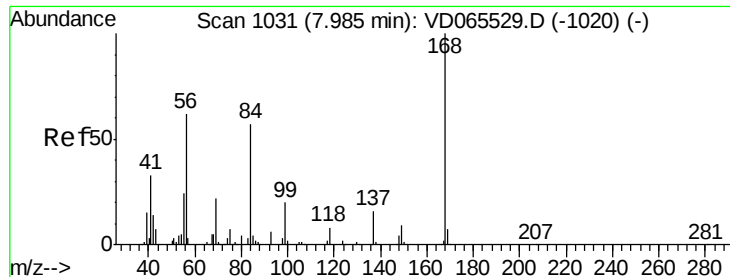
Instrument :
MSVOA_D
Client Sampled :
ICVVD032620

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

ICVVD032620

Tot Ion:168 Resp: 535812

Ion Ratio Lower Upper

168 100

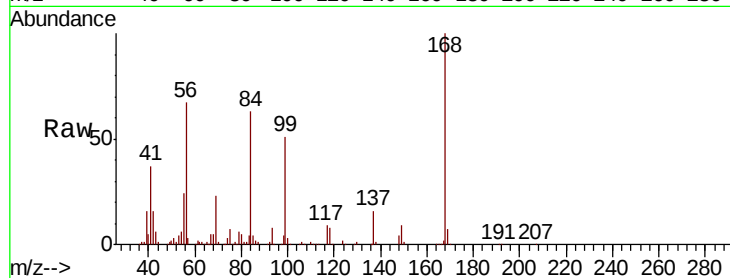
99 51.0 39.1 58.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

150000

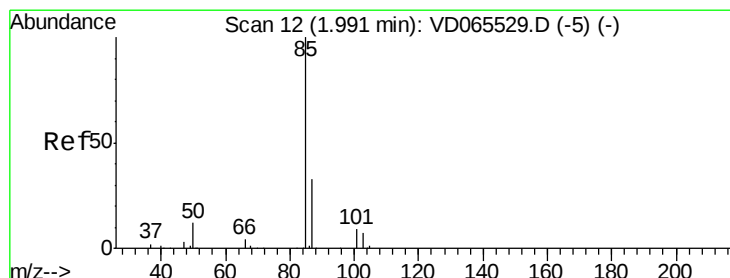
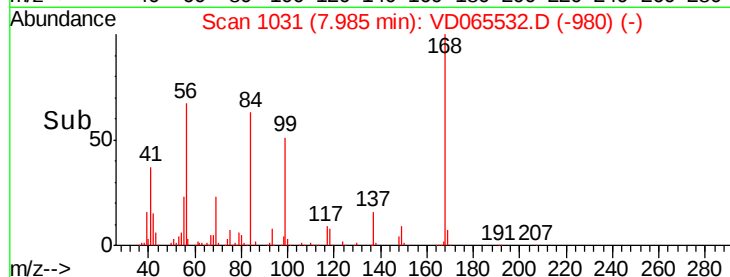
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 49.959 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD065532.D

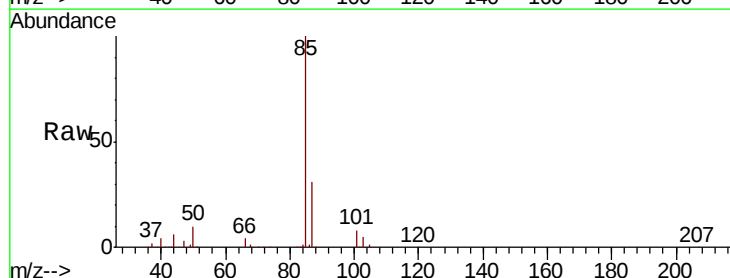
Acq: 26 Mar 2020 19:21

Tgt Ion: 85 Resp: 147160

Ion Ratio Lower Upper

85 100

87 30.6 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

120000

100000

80000

60000

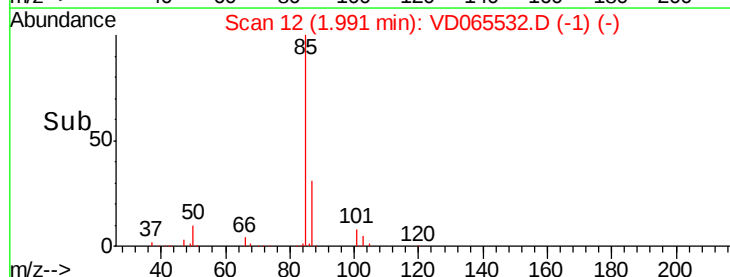
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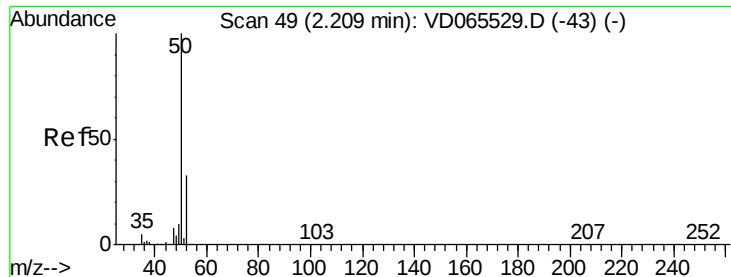
20000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 51.725 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

ICVVD032620

Tot Ion: 50 Resp: 218302

Ion Ratio Lower Upper

50 100

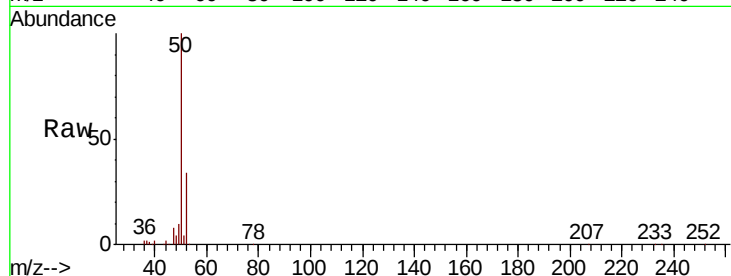
52 33.7 26.3 39.5

Manual Integrations

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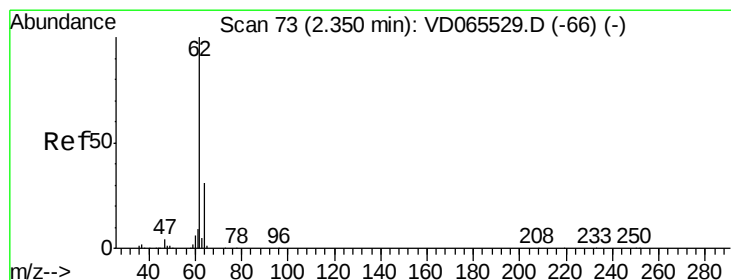
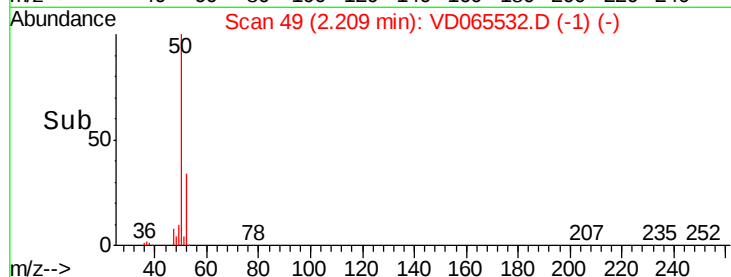
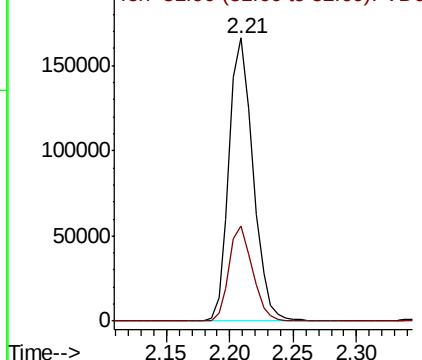
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 45.846 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065532.D

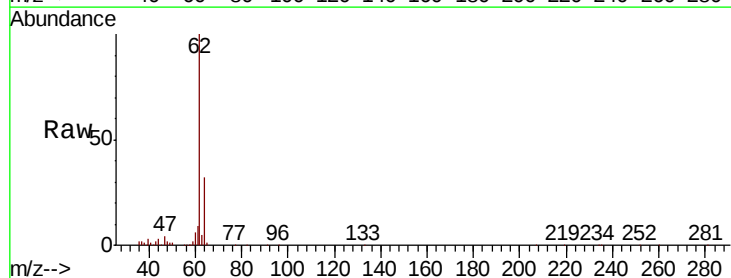
Acq: 26 Mar 2020 19:21

Tgt Ion: 62 Resp: 227007

Ion Ratio Lower Upper

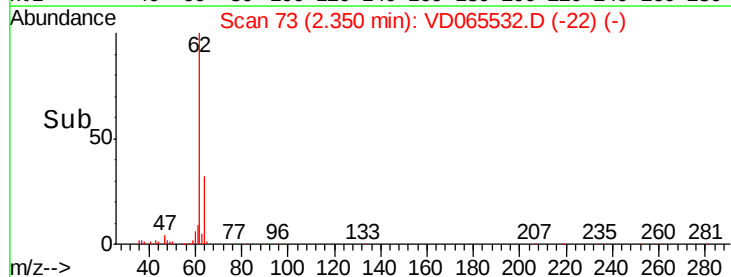
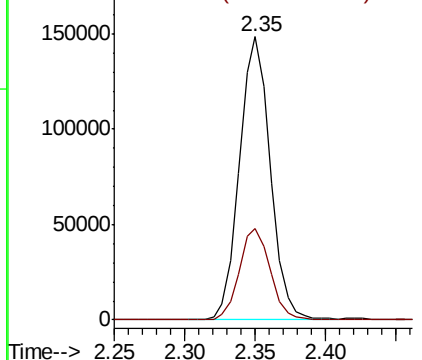
62 100

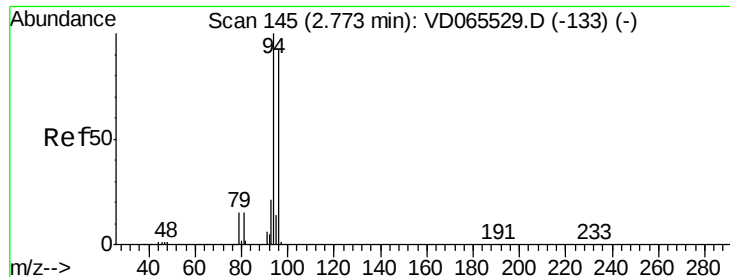
64 32.3 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 51.578 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Instrument :

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ClientSampleId :

ICVVD032620

Tot Ion: 94 Resp: 160959

Ion Ratio Lower Upper

94 100

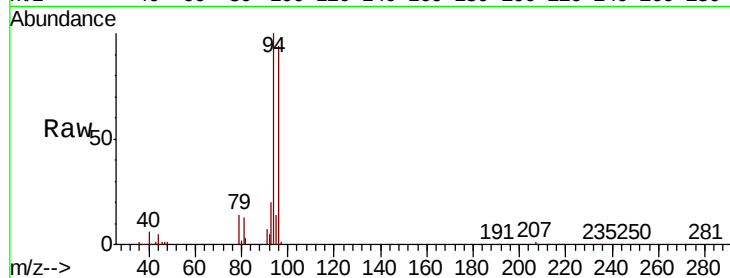
96 93.6 73.4 110.2

Manual Integrations

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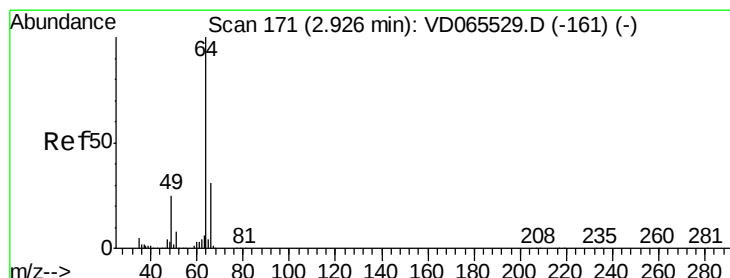
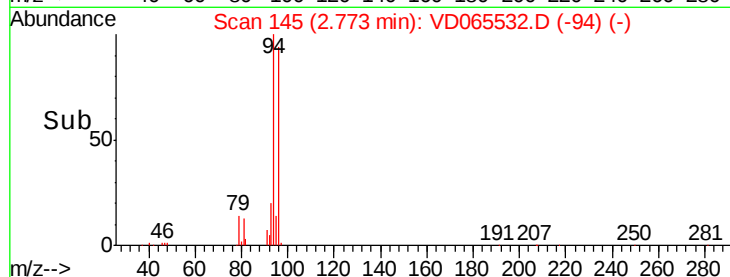
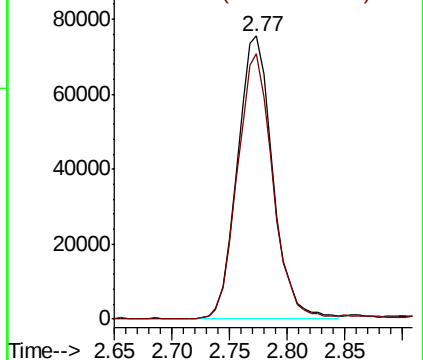
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 47.478 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD065532.D

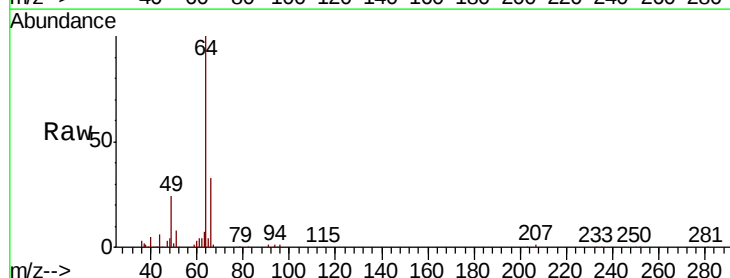
Acq: 26 Mar 2020 19:21

Tgt Ion: 64 Resp: 151916

Ion Ratio Lower Upper

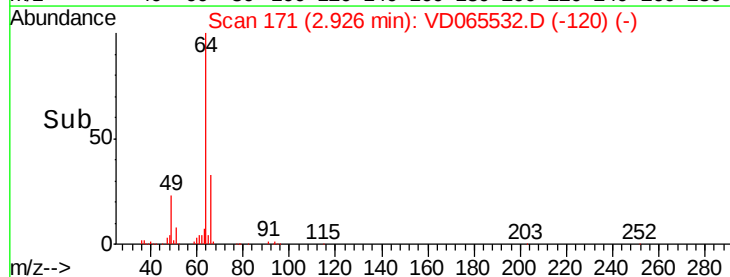
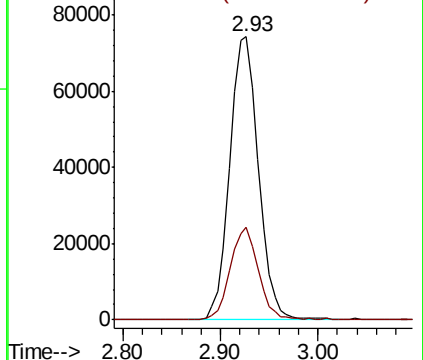
64 100

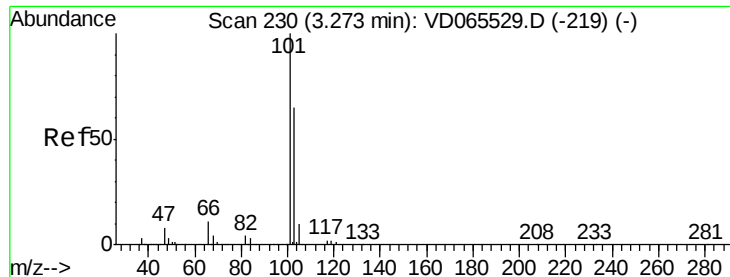
66 32.8 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

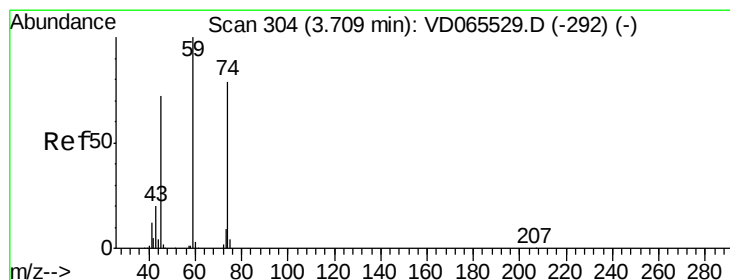
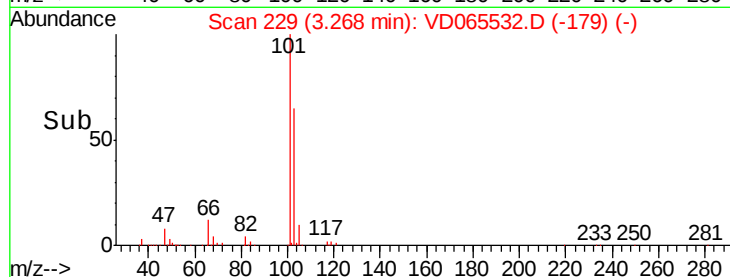
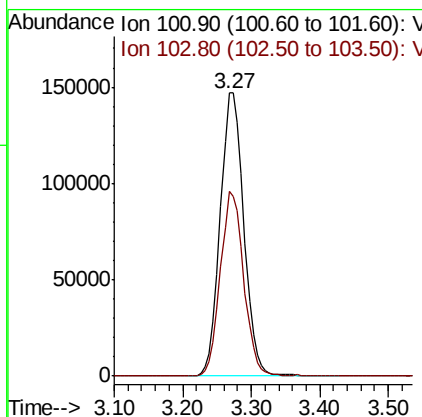
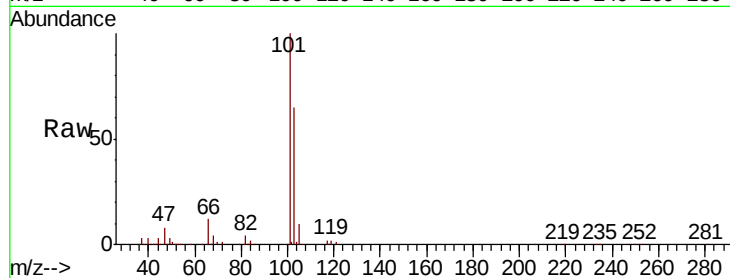
Trichlorofluoromethane
Concen: 47.677 ug/l
RT: 3.27 min Scan# 229
Delta R.T. -0.01 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	51.9	77.9

Manual Integrations
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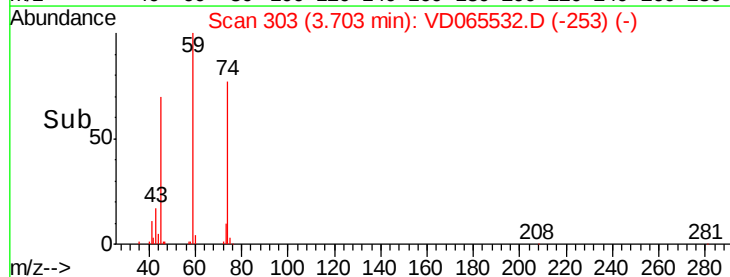
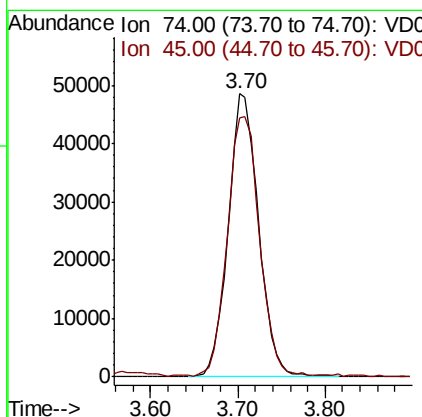
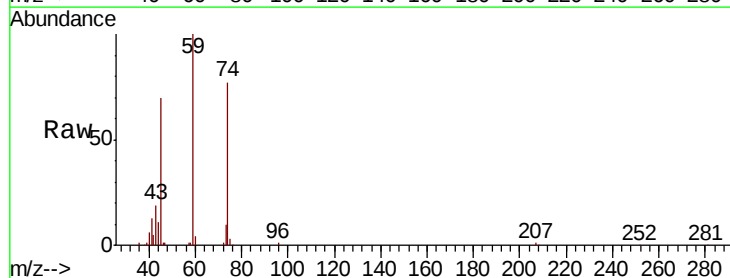
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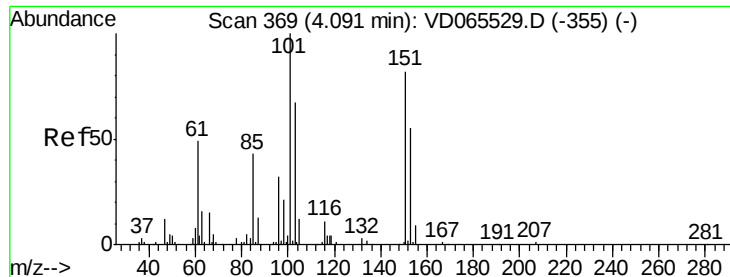


#8

Diethyl Ether
Concen: 48.494 ug/l
RT: 3.70 min Scan# 303
Delta R.T. -0.01 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.0	48.2	144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.765 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Instrument :

MSVOA_D

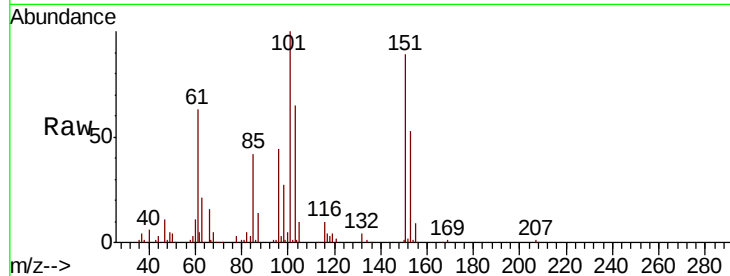
ClientSampleId :

ICVVD032620

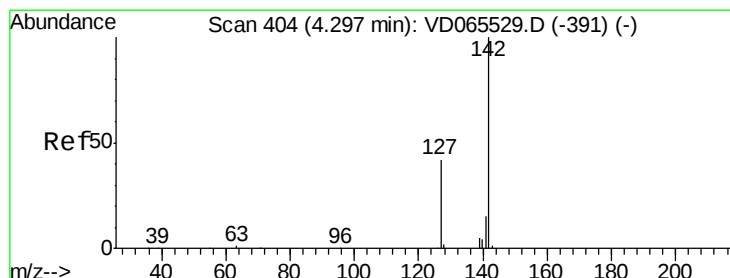
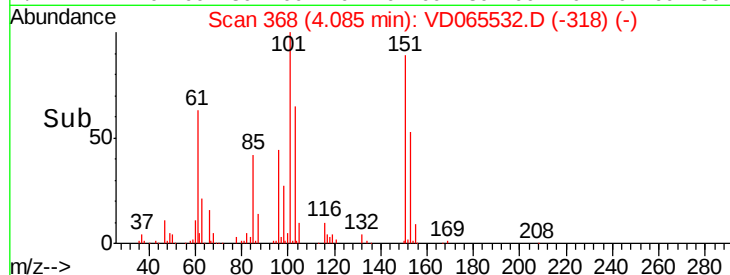
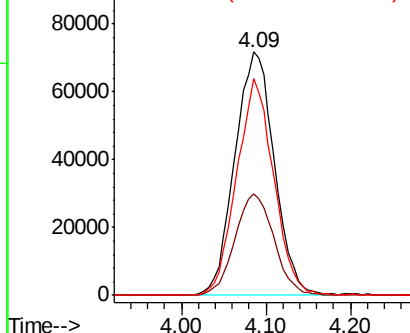
Tot Ion:	101	Resp:	232713
Ion Ratio	Lower	Upper	
101	100		
85	41.2	32.6	48.8
151	83.6	65.5	98.3

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



#10

Methyl Iodide

Concen: 50.809 ug/l

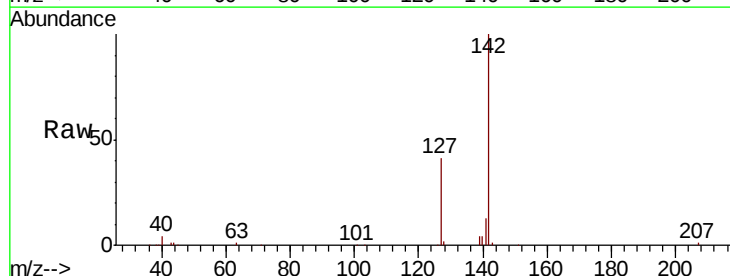
RT: 4.30 min Scan# 404

Delta R.T. -0.00 min

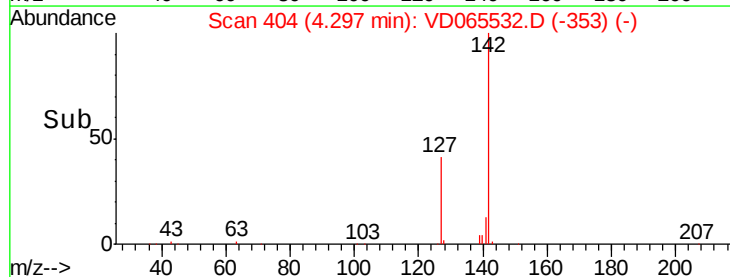
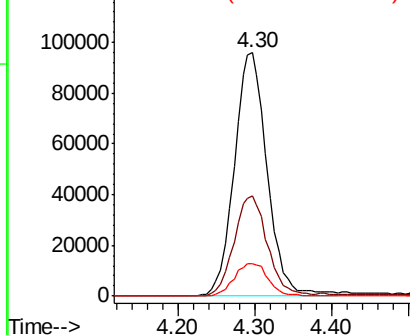
Lab File: VD065532.D

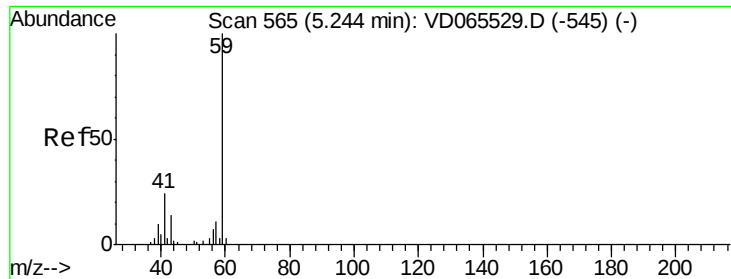
Acq: 26 Mar 2020 19:21

Tgt Ion:	142	Resp:	286429
Ion Ratio	Lower	Upper	
142	100		
127	41.7	33.9	50.9
141	13.9	11.6	17.4



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





#11

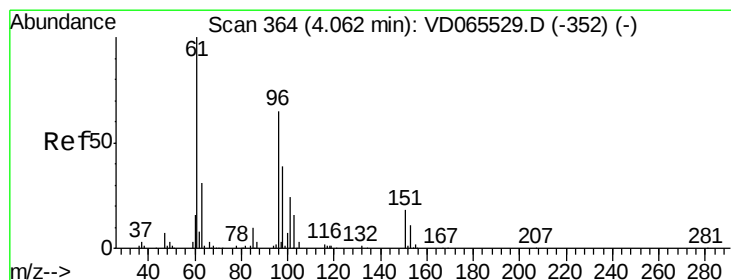
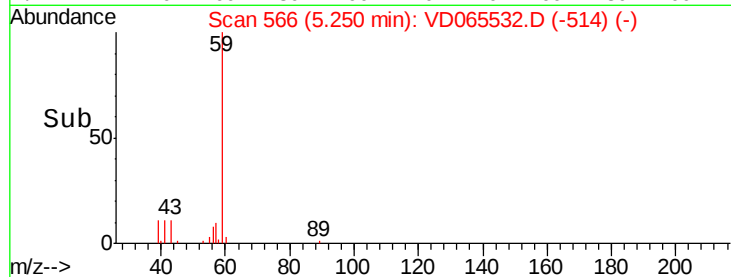
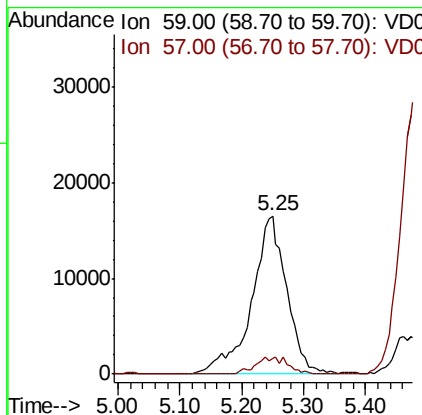
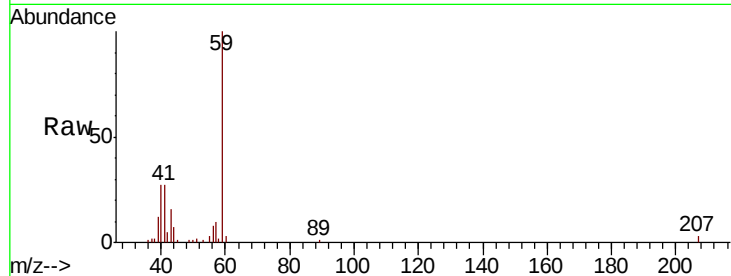
Tert butyl alcohol
Concen: 259.204 ug/l
RT: 5.25 min Scan# 566
Delta R.T. 0.01 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

Instrument :
MSVOA_D
ClientSampleId :
ICVVD032620

Tot Ion: 59 Resp: 65013
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

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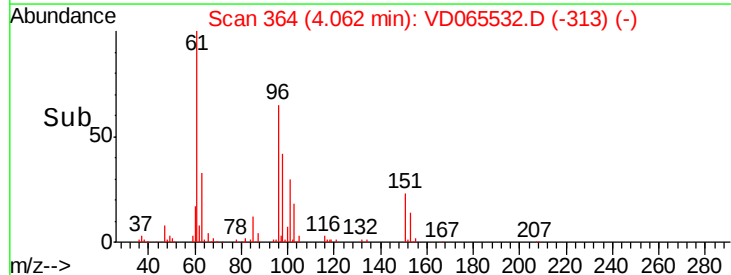
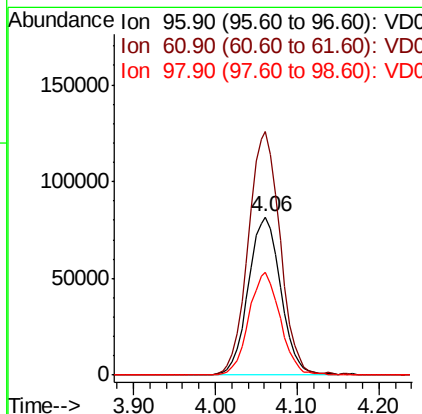
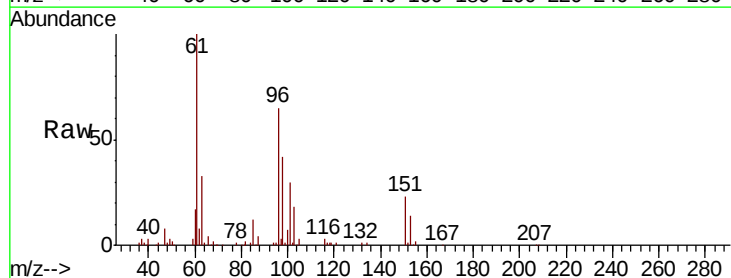
apatel
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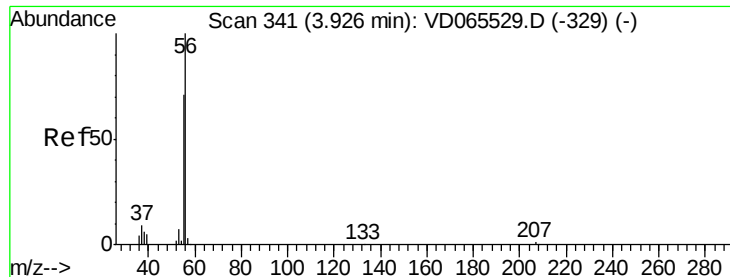


#12

1,1-Dichloroethene
Concen: 48.692 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.00 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

Tgt Ion: 96 Resp: 225397
Ion Ratio Lower Upper
96 100
61 153.9 124.0 186.0
98 65.0 48.2 72.4





#13

Acrolein

Concen: 248.730 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

ICVVD032620

Tot Ion: 56 Resp: 105332

Ion Ratio Lower Upper

56 100

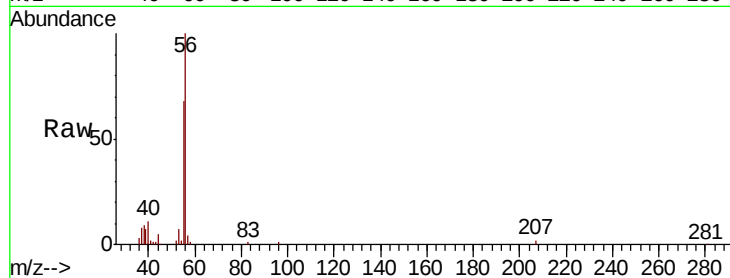
55 69.7 56.2 84.2

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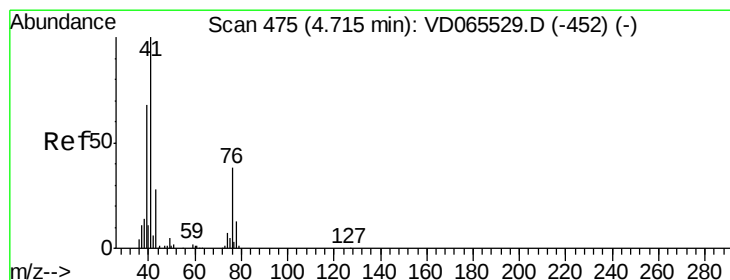
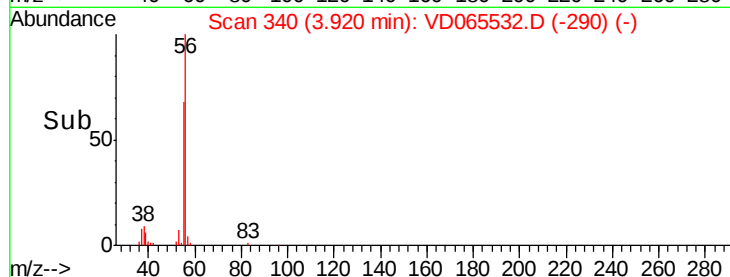
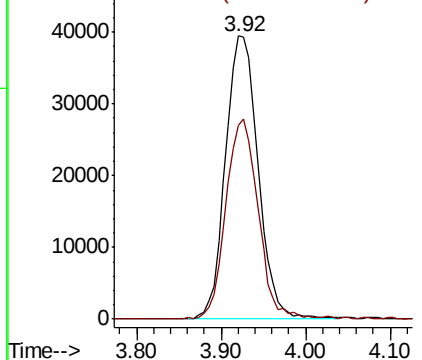
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Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 50.851 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

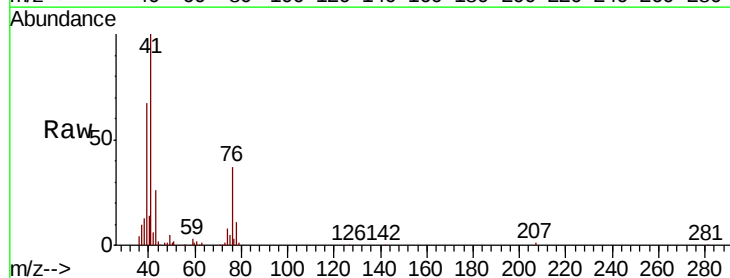
Tgt Ion: 41 Resp: 358162

Ion Ratio Lower Upper

41 100

39 65.3 52.9 79.3

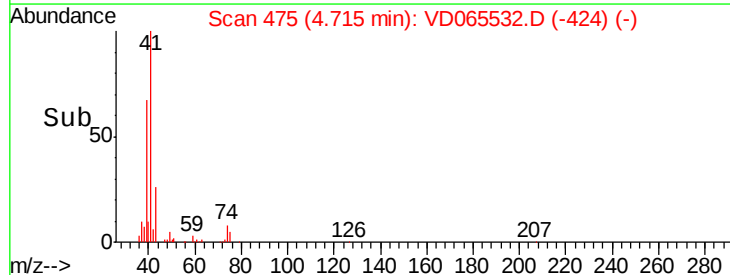
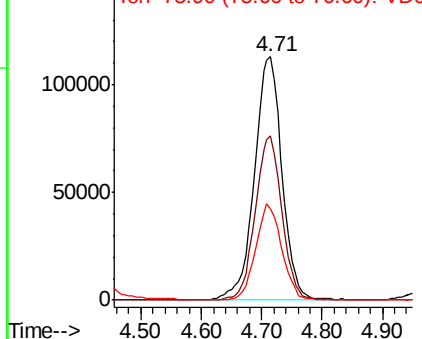
76 36.8 28.9 43.3

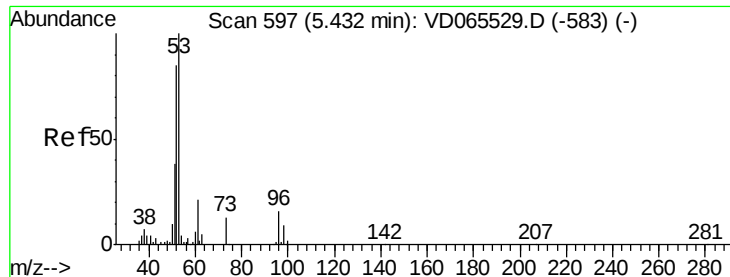


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 252.659 ug/l

RT: 5.43 min Scan# 597

Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Instrument :

MSVOA_D

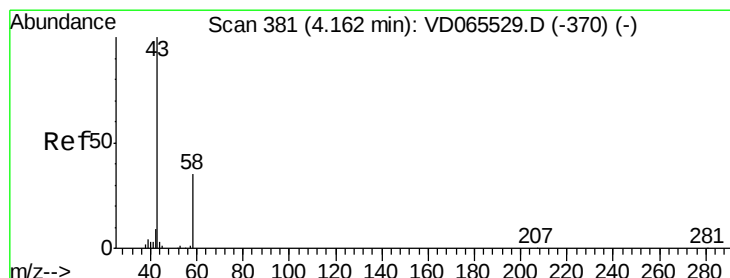
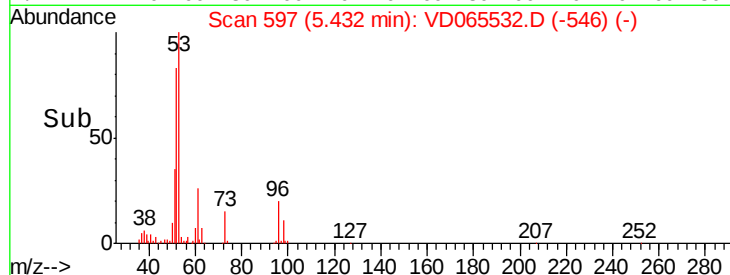
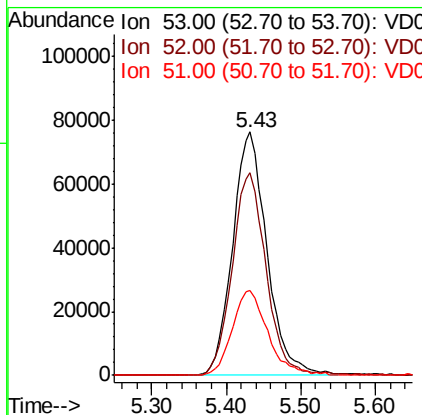
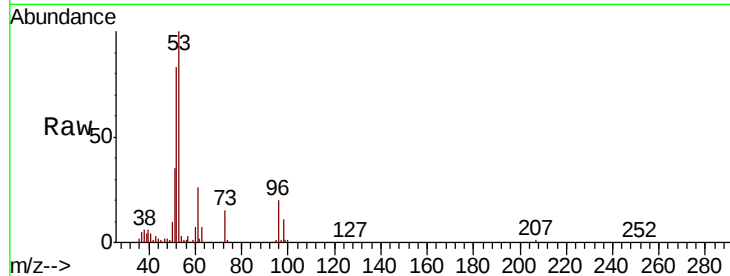
ClientSampleId :

ICVVD032620

Tot Ion:	53	Resp:	243865
Ion Ratio	Lower	Upper	
53	100		
52	82.4	65.8	98.6
51	36.5	29.7	44.5

Manual Integrations
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#16

Acetone

Concen: 207.654 ug/l

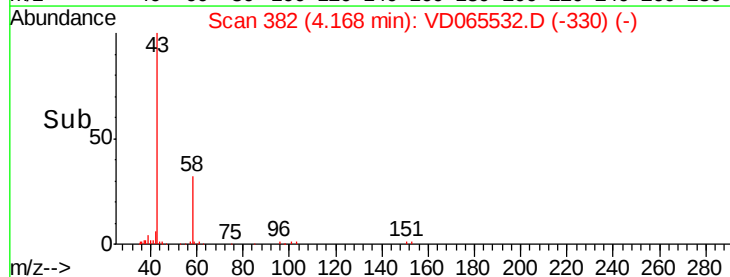
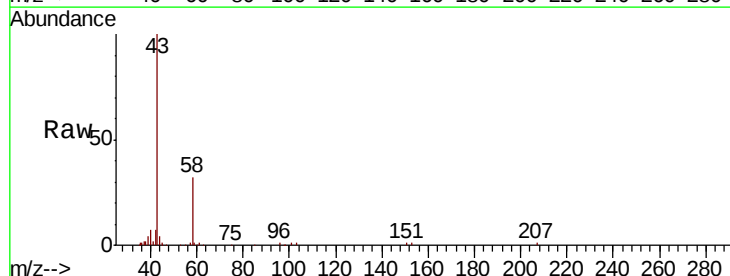
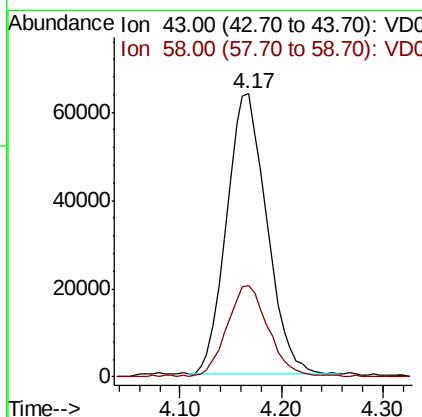
RT: 4.17 min Scan# 382

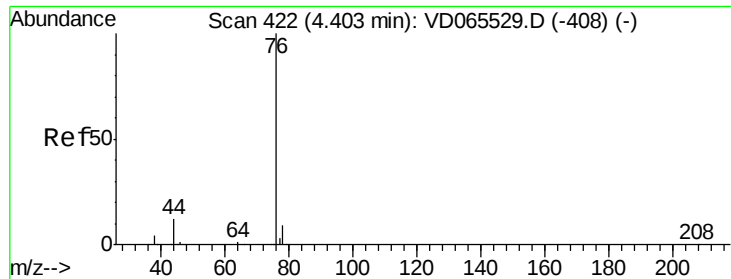
Delta R.T. 0.01 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Tgt Ion:	43	Resp:	174759
Ion Ratio	Lower	Upper	
43	100		
58	32.2	27.9	41.9





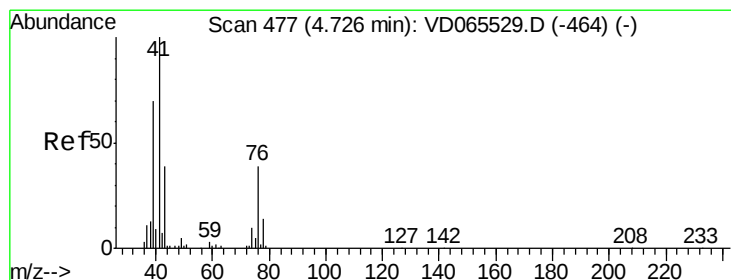
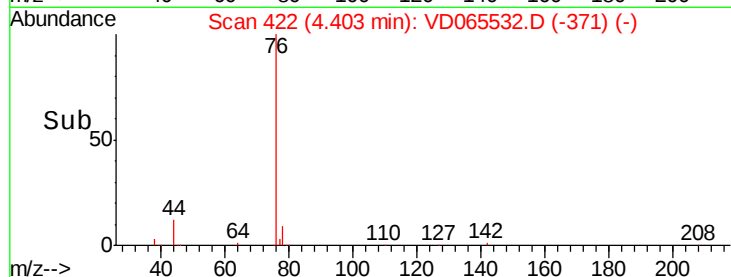
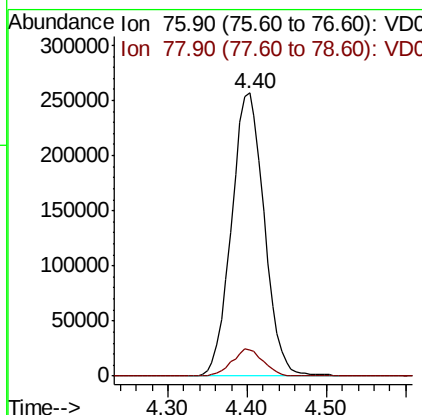
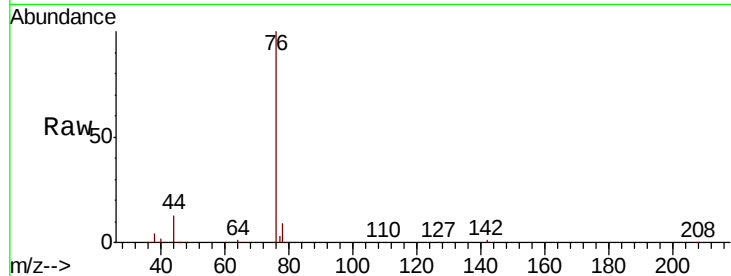
#17
Carbon Disulfide
Concen: 48.248 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.00 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

Instrument :
MSVOA_D
ClientSampleId :
ICVVD032620

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.5	11.3

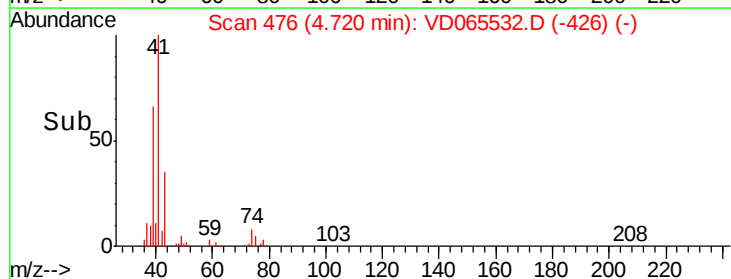
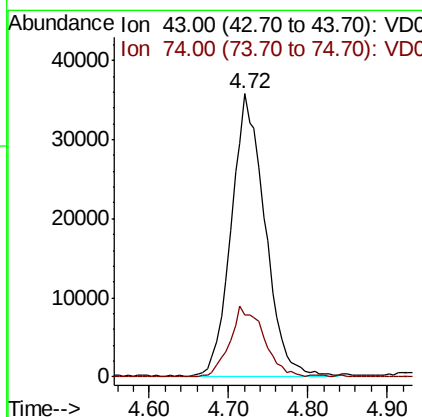
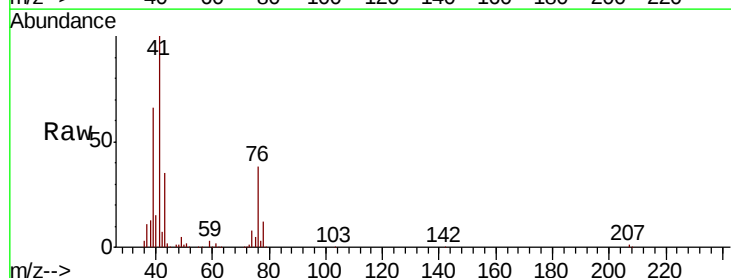
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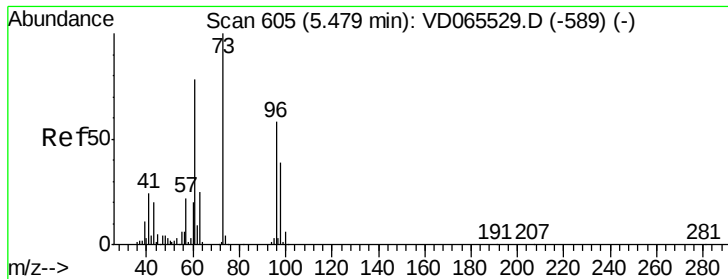
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#18
Methyl Acetate
Concen: 48.309 ug/l
RT: 4.72 min Scan# 476
Delta R.T. -0.01 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.8	20.1	30.1





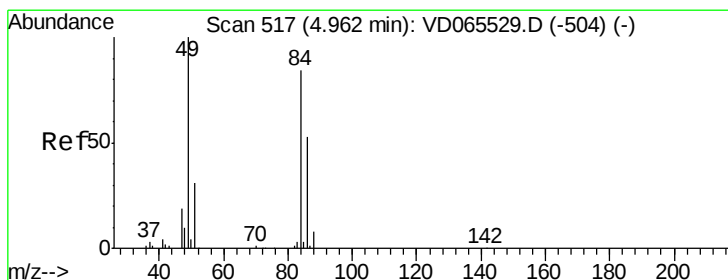
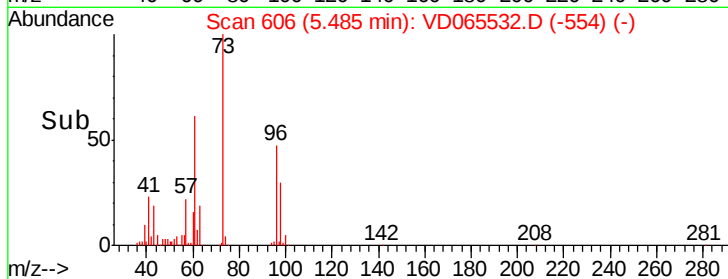
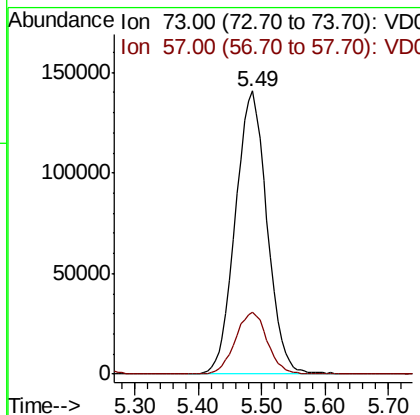
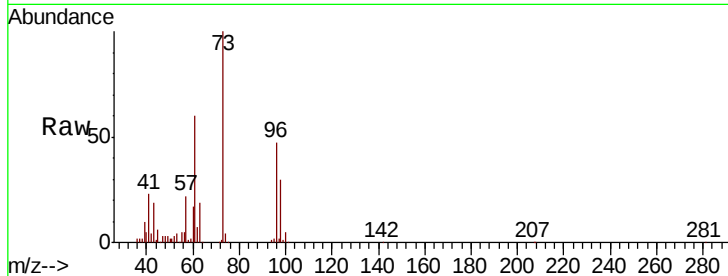
#19
Methvl tert-butvl Ether
Concen: 52.790 ug/l
RT: 5.49 min Scan# 606
Delta R.T. 0.01 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

Instrument :
MSVOA_D
ClientSampleId :
ICVVD032620

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.7	26.5

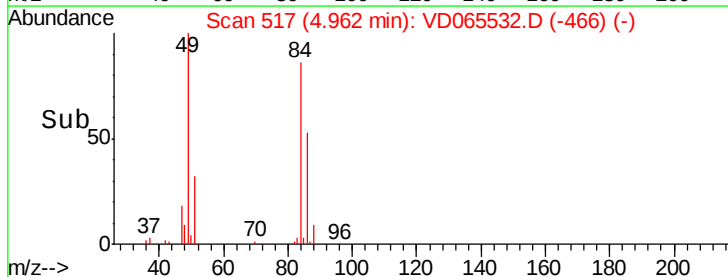
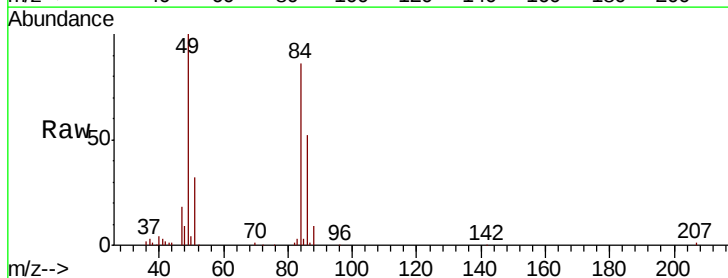
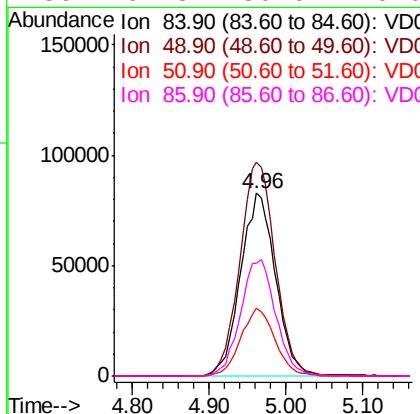
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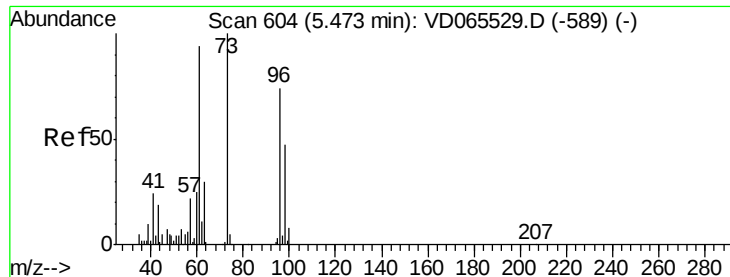
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#20
Methylene Chloride
Concen: 50.762 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.9	95.6	143.4
51	36.8	29.4	44.2
86	61.3	50.6	76.0





#21

trans-1,2-Dichloroethene

Concen: 49.551 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Instrument :

MSVOA_D

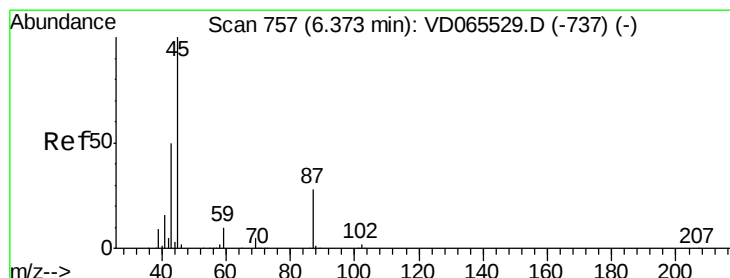
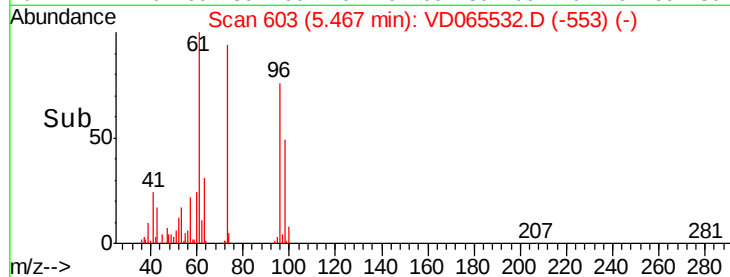
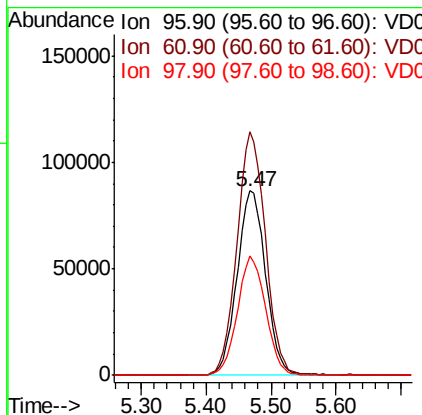
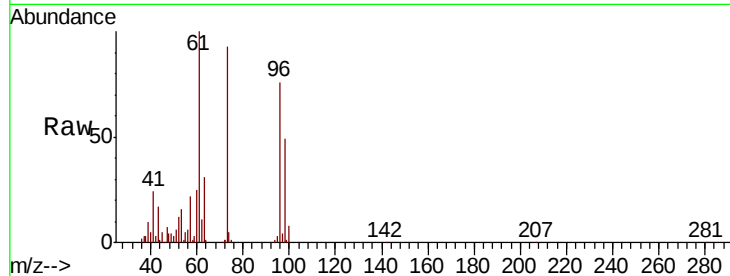
ClientSampleId :

ICVVD032620

Tot Ion:	96	Resp:	263891
Ion	Ratio	Lower	Upper
96	100		
61	132.0	101.8	152.6
98	64.8	51.4	77.2

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#22

Diisopropyl ether

Concen: 53.081 ug/l

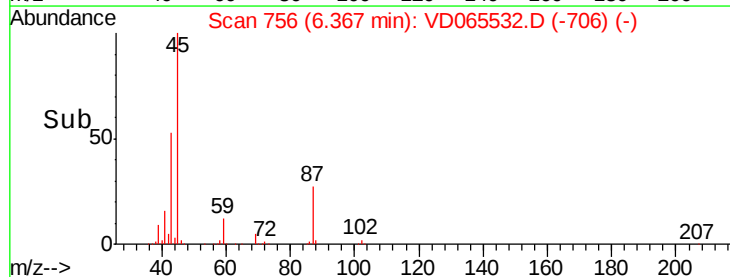
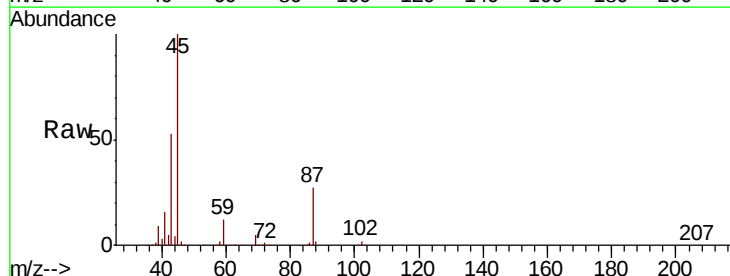
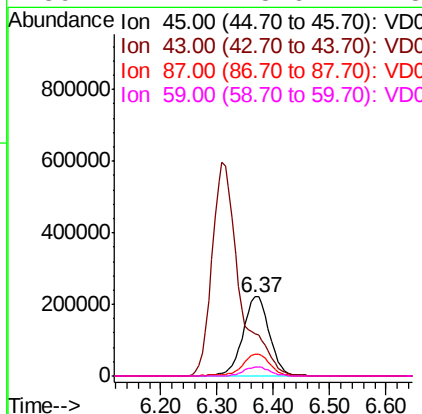
RT: 6.37 min Scan# 756

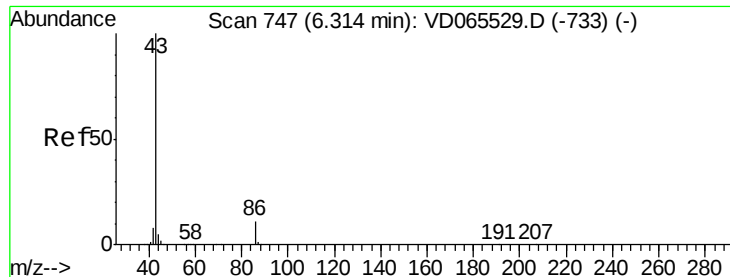
Delta R.T. -0.01 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Tgt Ion:	45	Resp:	724989
Ion	Ratio	Lower	Upper
45	100		
43	52.6	40.5	60.7
87	27.0	22.5	33.7
59	12.1	8.6	12.8





#23

Vinyl Acetate

Concen: 271.662 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

ICVVD032620

Tot Ion: 43 Resp: 2021004

Ion Ratio Lower Upper

43 100

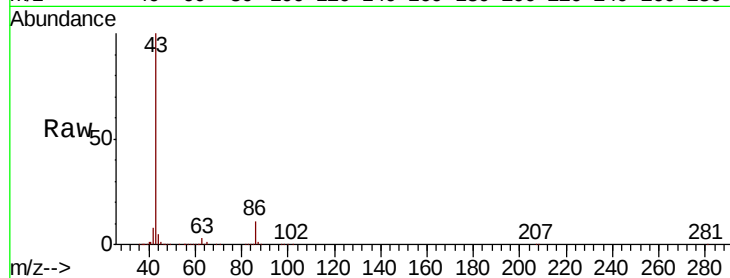
86 11.0 9.0 13.4

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.31

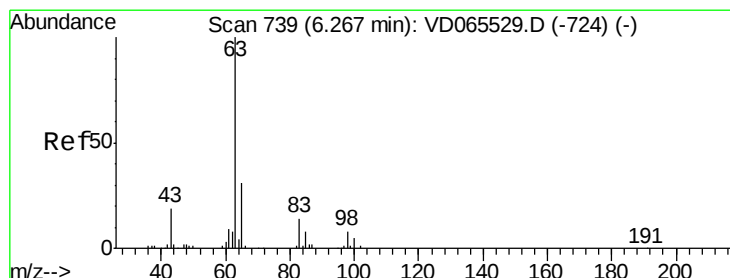
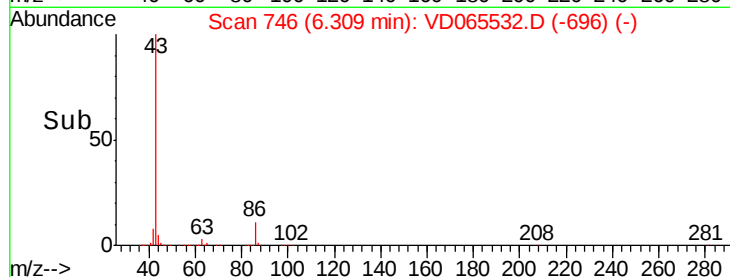
600000

400000

200000

0

Time--> 6.10 6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 50.081 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

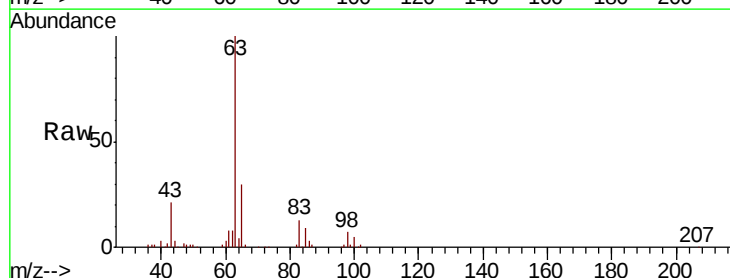
Tgt Ion: 63 Resp: 433745

Ion Ratio Lower Upper

63 100

98 7.4 4.2 12.6

100 5.2 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.27

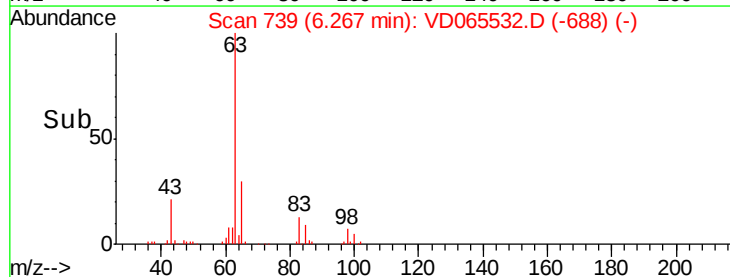
150000

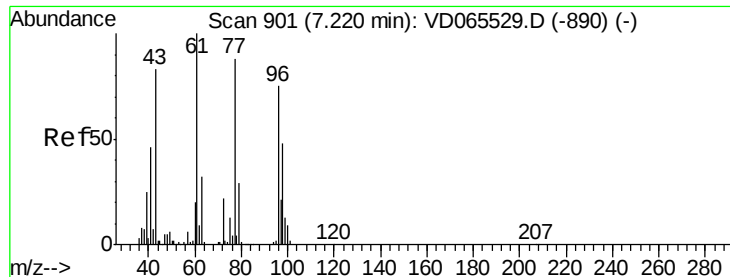
100000

50000

0

Time--> 6.10 6.20 6.30 6.40





#25

2-Butanone

Concen: 245.861 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

ICVVD032620

Tot Ion: 43 Resp: 281005

Ion Ratio Lower Upper

43 100

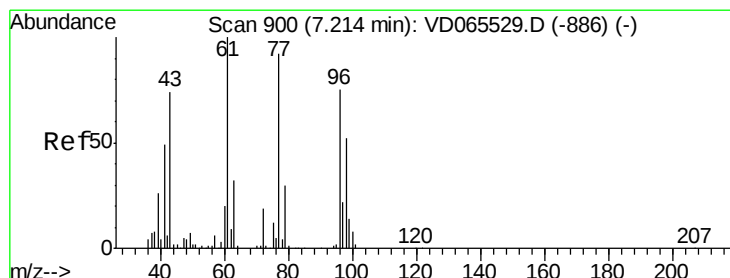
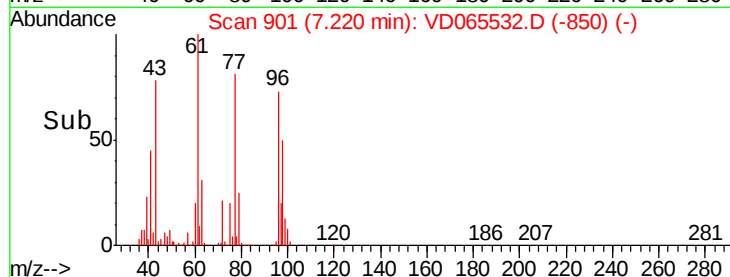
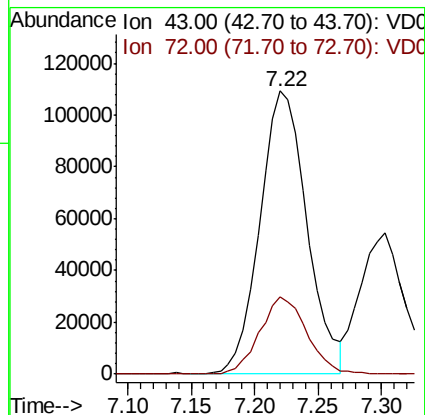
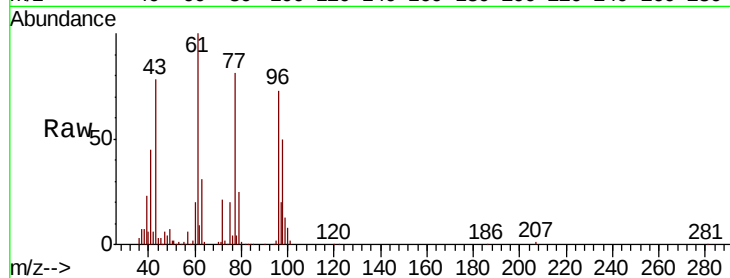
72 27.2 21.5 32.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.345 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065532.D

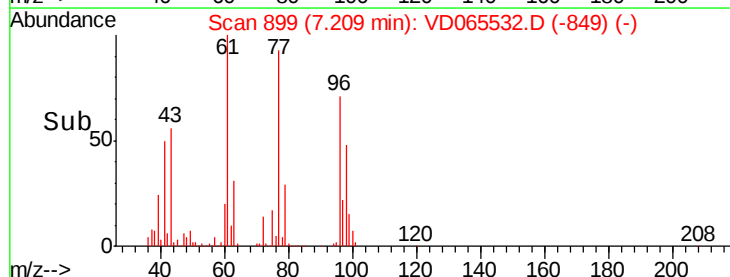
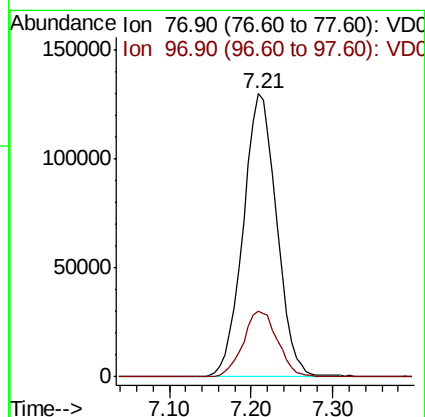
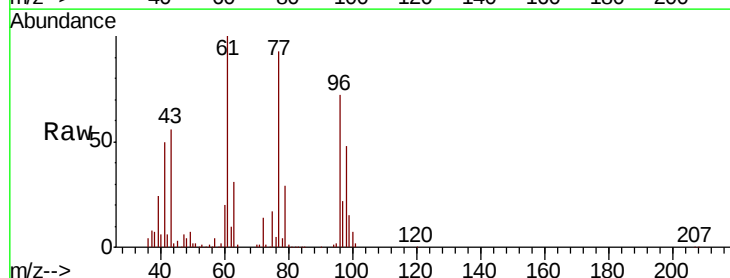
Acq: 26 Mar 2020 19:21

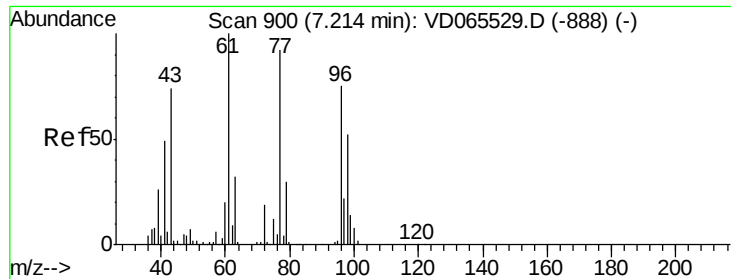
Tgt Ion: 77 Resp: 370782

Ion Ratio Lower Upper

77 100

97 23.7 11.7 35.1





#27

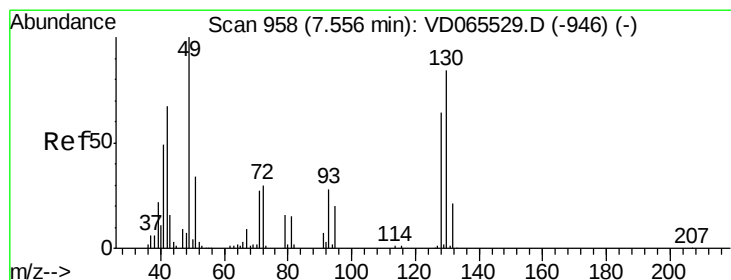
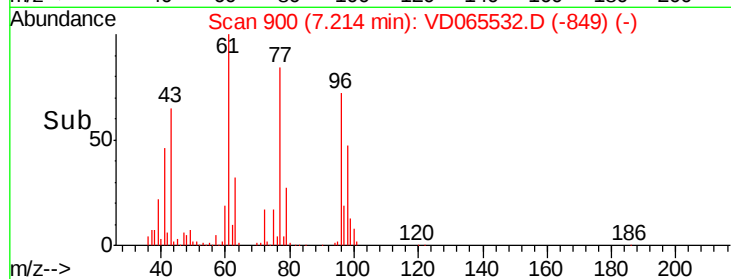
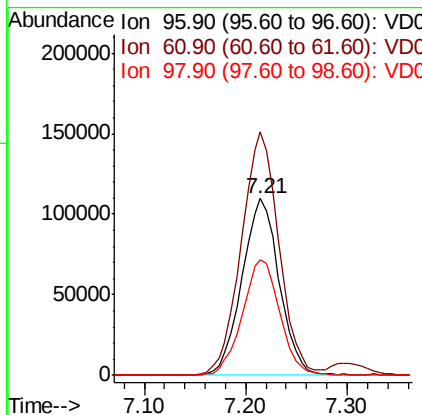
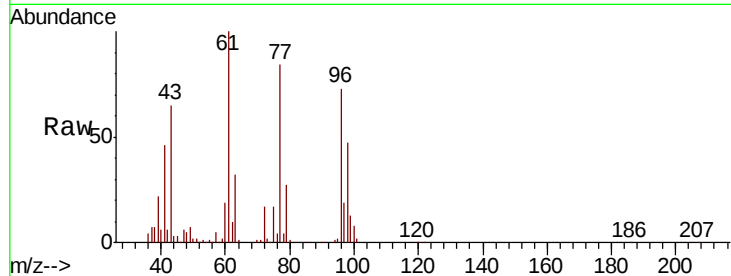
cis-1,2-Dichloroethene
 Concen: 50.883 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VD065532.D
 Acq: 26 Mar 2020 19:21

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD032620

Tot Ion	Ratio	Resp	Lower	Upper
96	100	280804		
61	139.1	0.0	278.0	
98	65.8	0.0	129.6	

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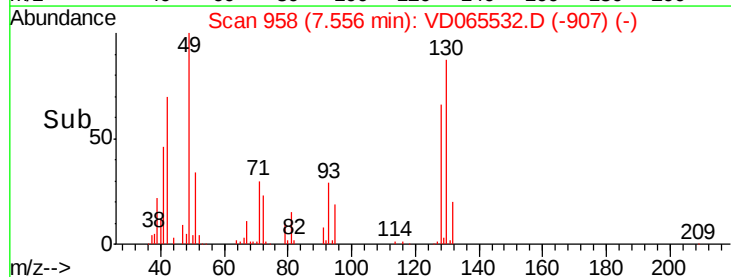
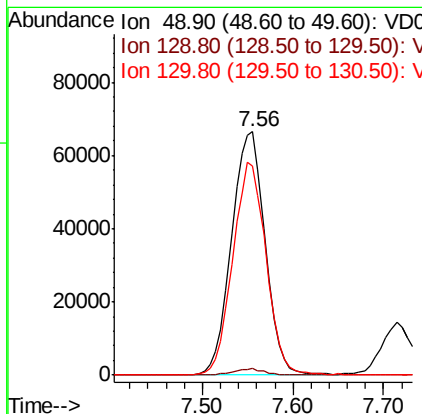
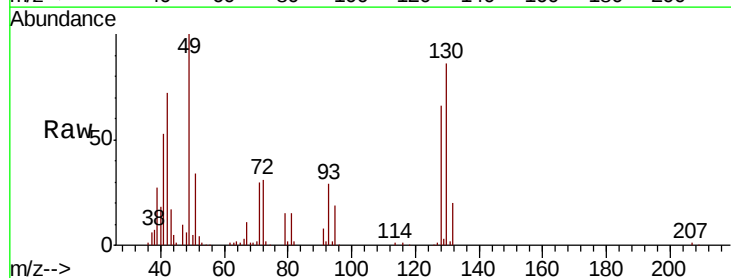
apatel
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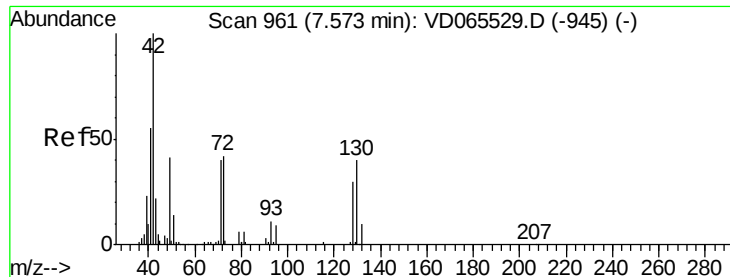


#28

Bromochloromethane
 Concen: 47.689 ug/l
 RT: 7.56 min Scan# 958
 Delta R.T. -0.00 min
 Lab File: VD065532.D
 Acq: 26 Mar 2020 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	171731		
129	2.3	0.0	4.4	
130	86.3	69.7	104.5	





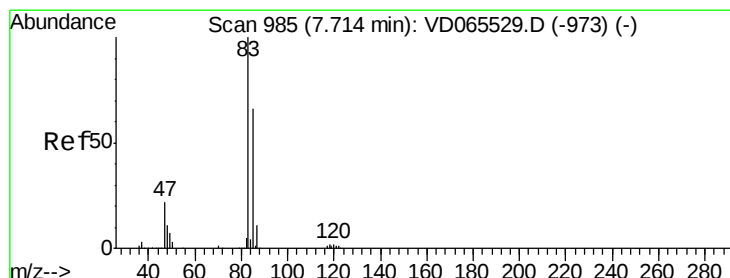
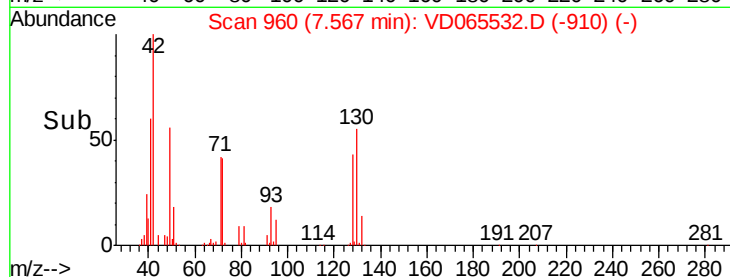
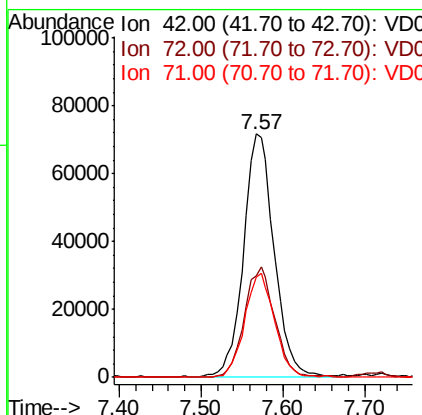
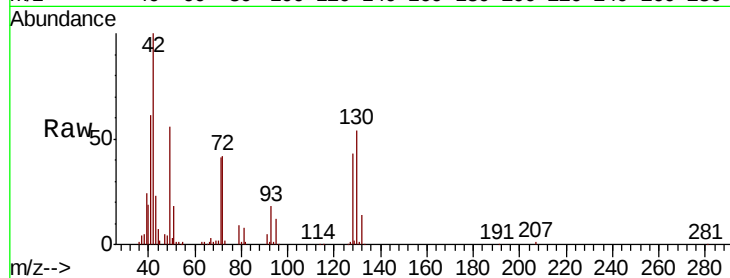
#29
Tetrahydrofuran
Concen: 253.577 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

Instrument :
MSVOA_D
ClientSampleId :
ICVVD032620

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.8	35.0	52.6
71	41.6	33.0	49.6

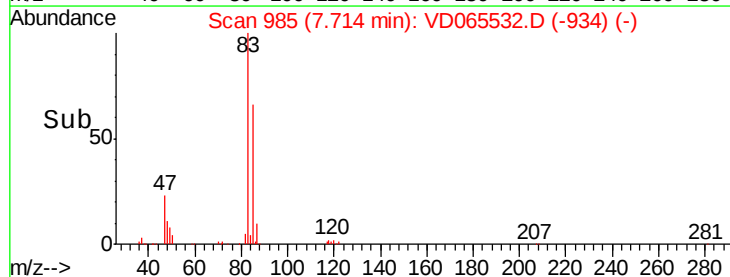
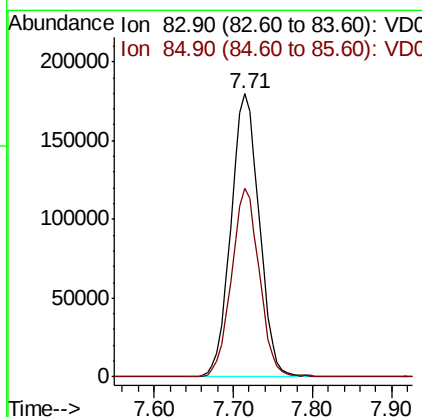
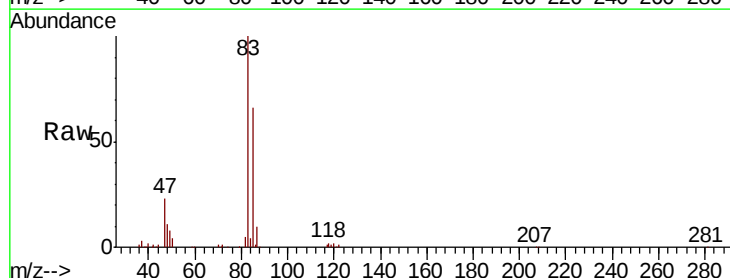
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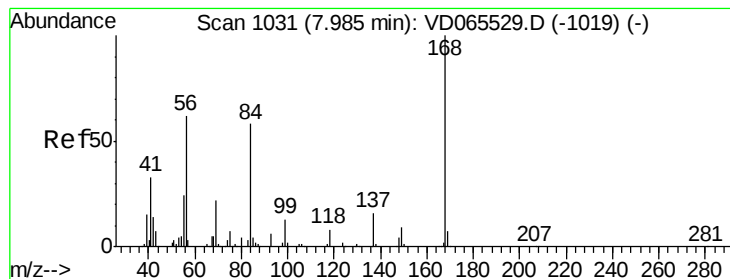
apatel
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#30
Chloroform
Concen: 49.632 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.5	52.9	79.3





#31

Cyclohexane

Concen: 48.220 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Instrument :

MSVOA_D

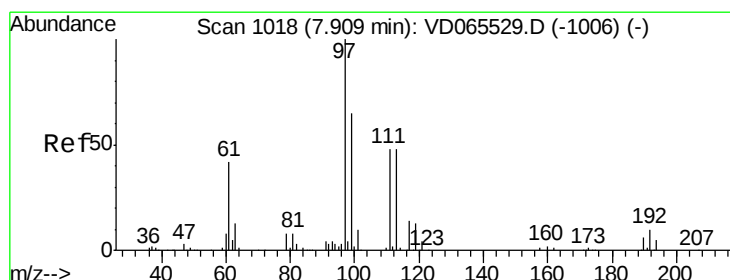
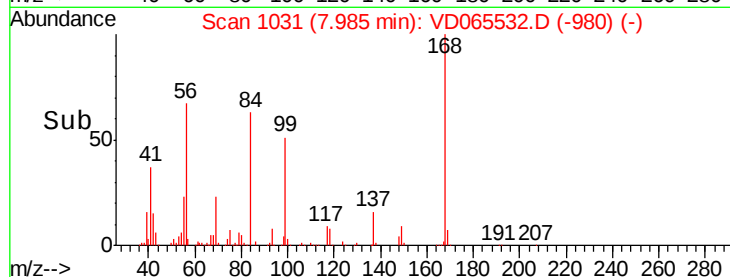
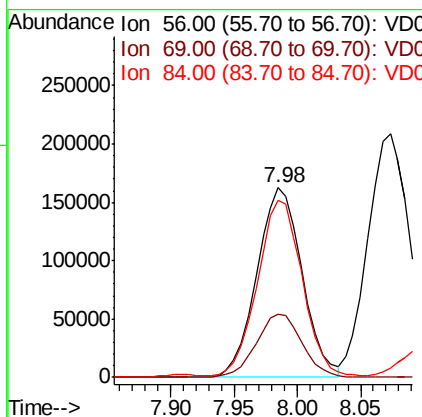
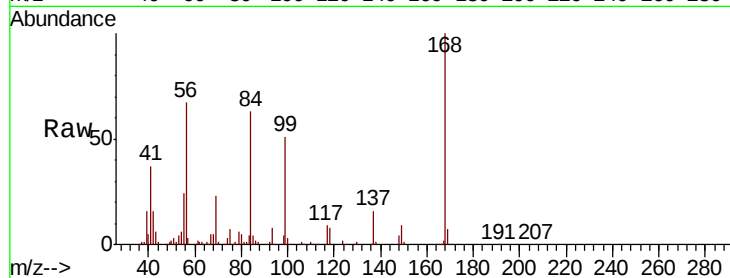
ClientSampleId :

ICVVD032620

Tot Ion:	56	Resp:	404292
Ion	Ratio	Lower	Upper
56	100		
69	33.6	28.2	42.4
84	91.7	73.4	110.0

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#32

1,1,1-Trichloroethane

Concen: 49.820 ug/l

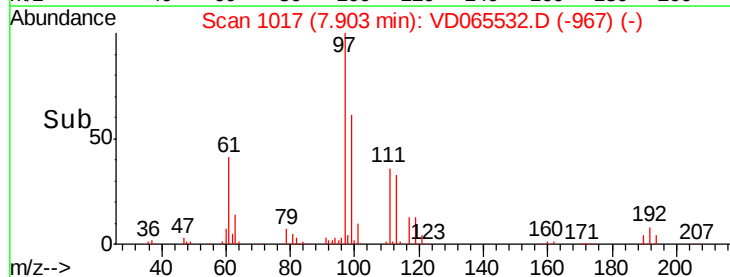
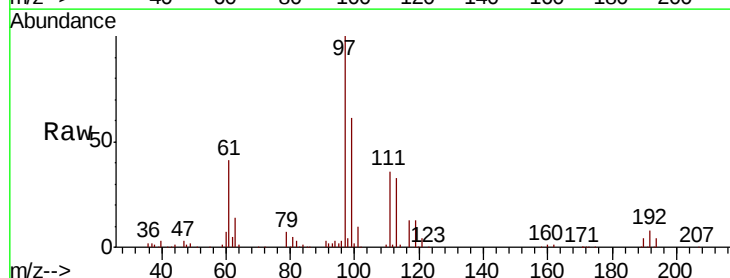
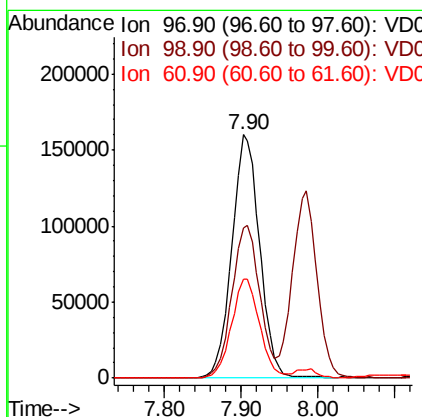
RT: 7.90 min Scan# 1017

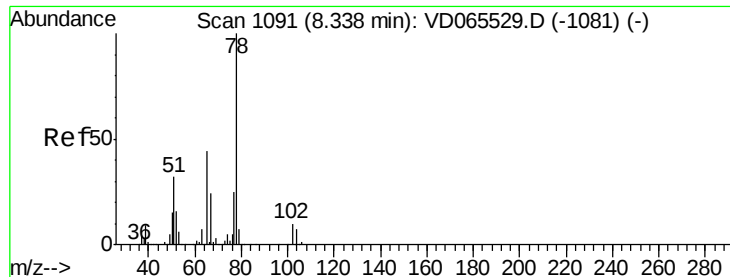
Delta R.T. -0.01 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Tgt Ion:	97	Resp:	403793
Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.2	76.8
61	41.1	33.4	50.2





#33

1,2-Dichloroethane-d4

Concen: 50.529 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

ICVVD032620

Tot Ion: 65 Resp: 225372

Ion Ratio Lower Upper

65 100

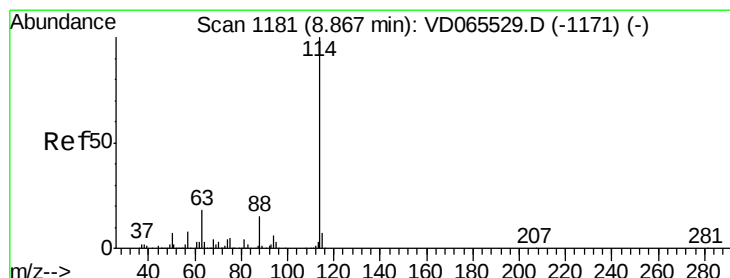
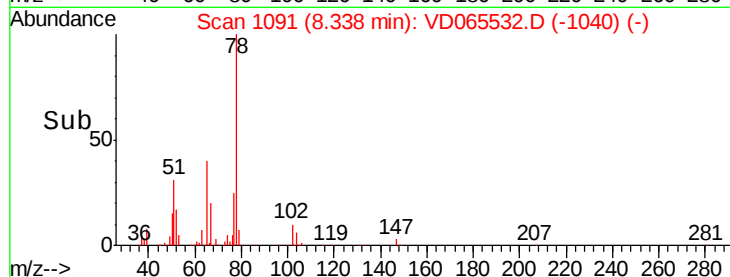
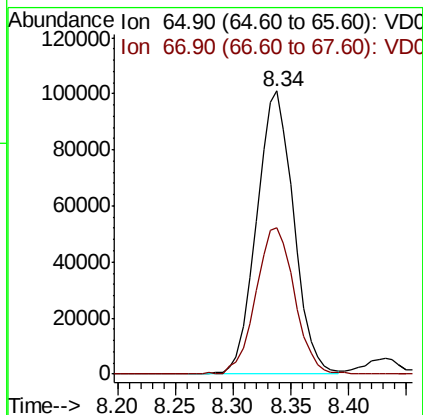
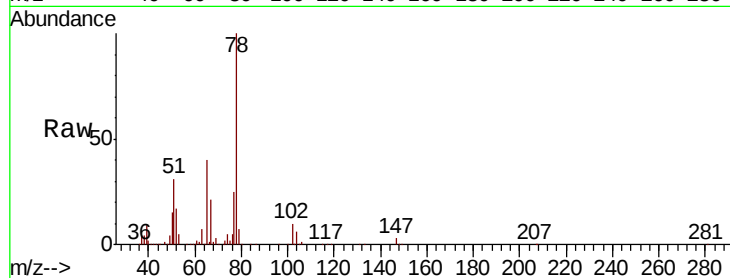
67 54.0 0.0 107.6

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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: VD065532.D

Acq: 26 Mar 2020 19:21

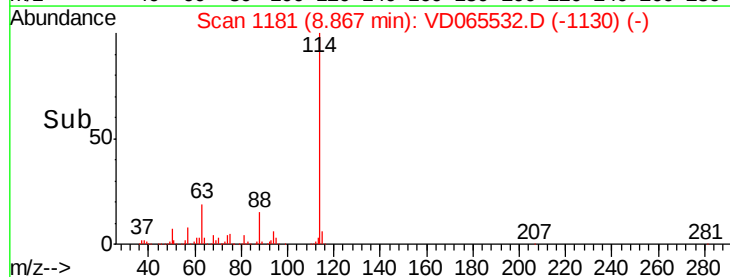
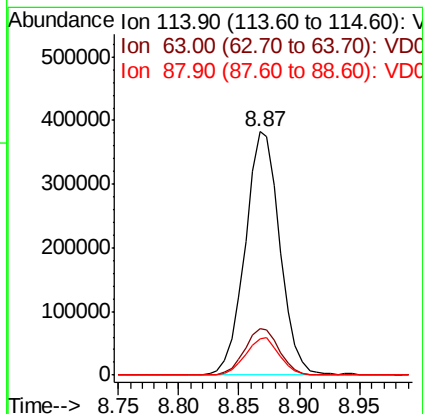
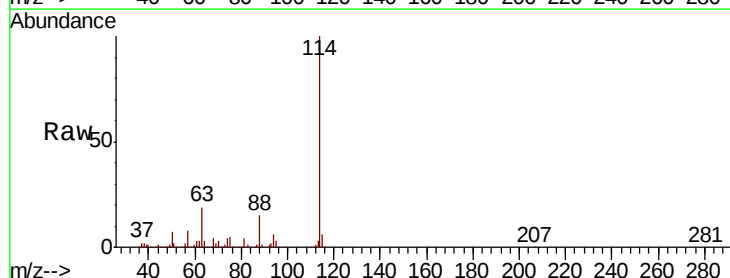
Tgt Ion: 114 Resp: 767756

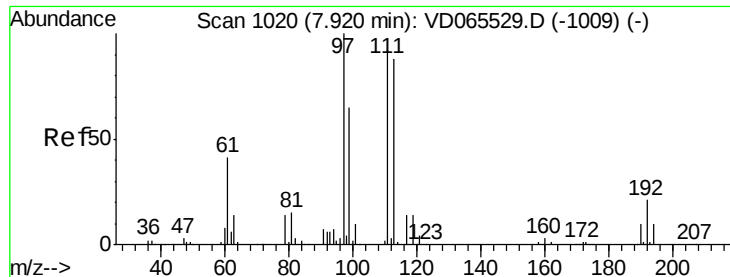
Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.0

88 14.8 0.0 30.4





#35

Dibromofluoromethane

Concen: 51.641 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Instrument :

MSVOA_D

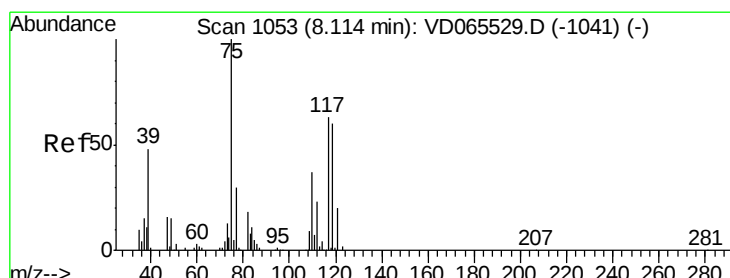
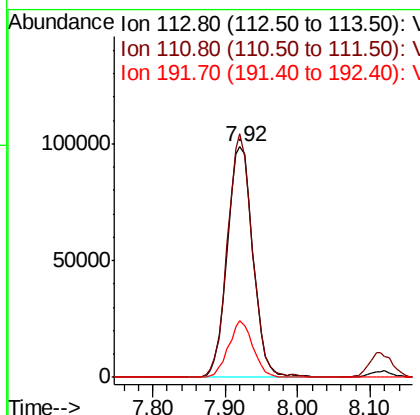
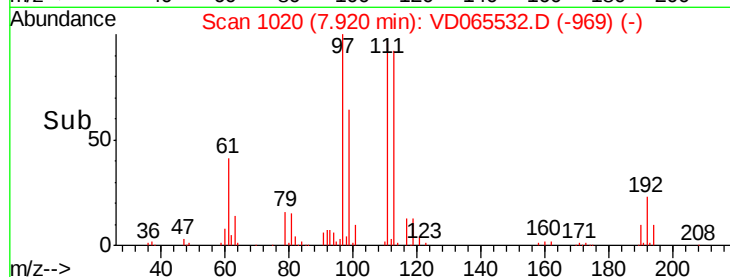
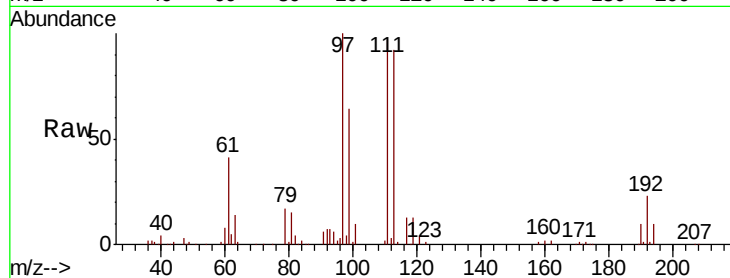
ClientSampleId :

ICVVD032620

Tot Ion:	113	Resp:	244724
Ion Ratio	Lower	Upper	
113	100		
111	100.7	83.3	124.9
192	23.2	18.5	27.7

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#36

1,1-Dichloropropene

Concen: 50.331 ug/l

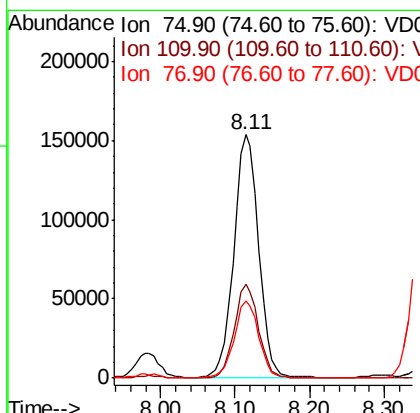
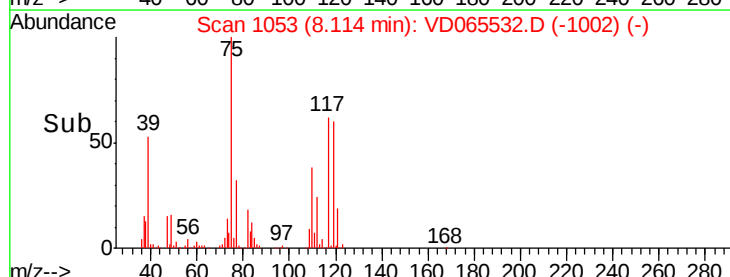
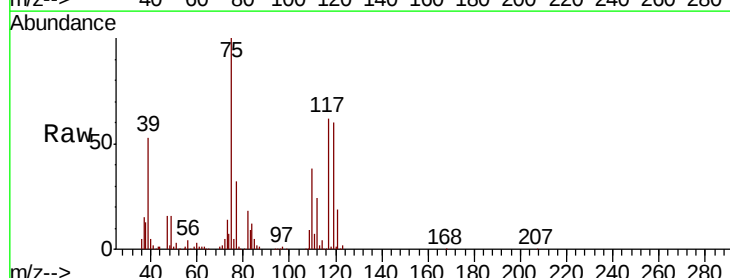
RT: 8.11 min Scan# 1053

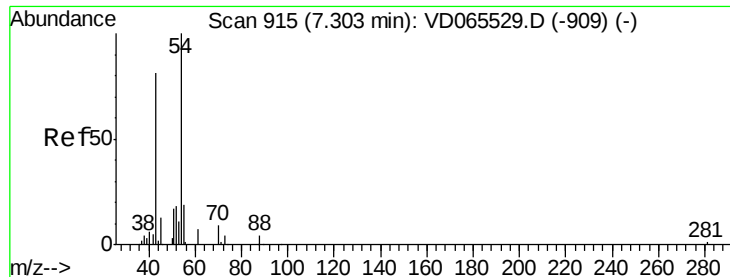
Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Tgt Ion:	75	Resp:	353057
Ion Ratio	Lower	Upper	
75	100		
110	37.6	18.8	56.4
77	31.9	25.1	37.7





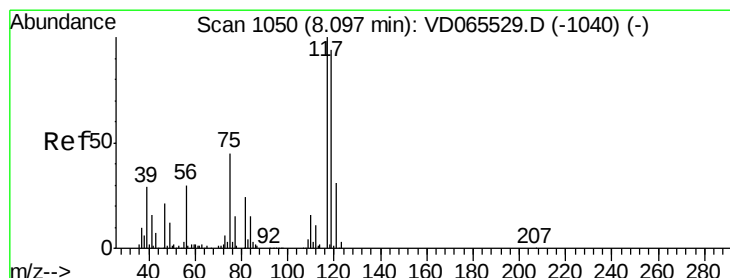
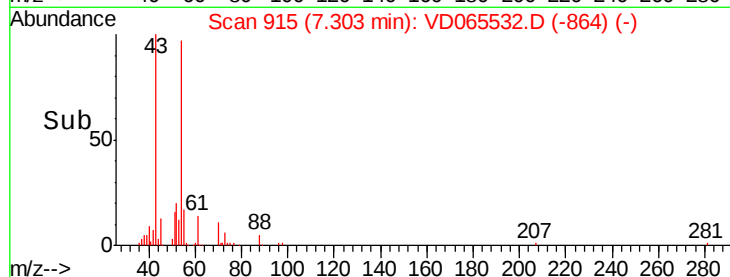
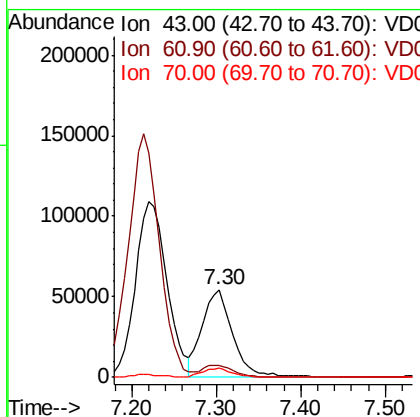
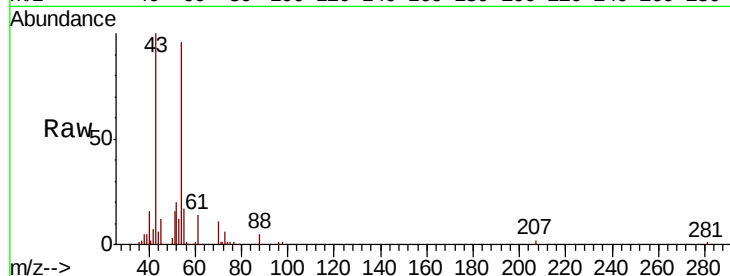
#37
Ethyl Acetate
Concen: 50.544 ug/l
RT: 7.30 min Scan# 915
Delta R.T. -0.00 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

Instrument :
MSVOA_D
ClientSampleId :
ICVVD032620

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	12.2	18.4
70	10.7	8.4	12.6

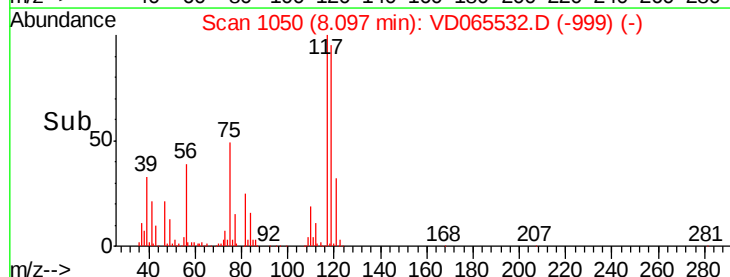
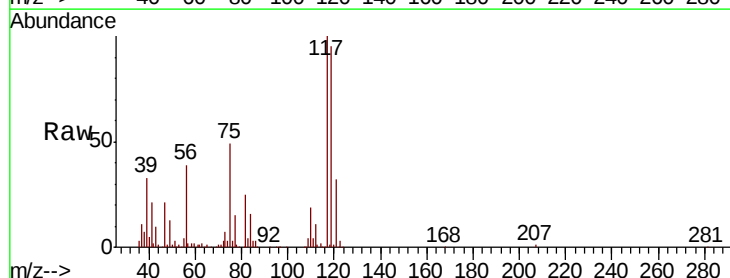
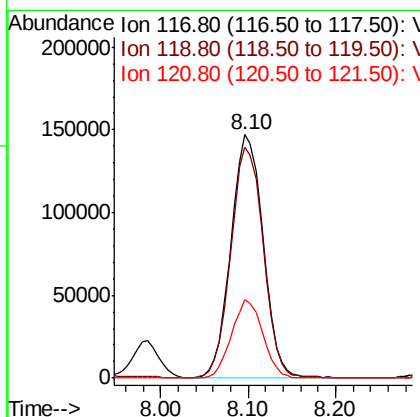
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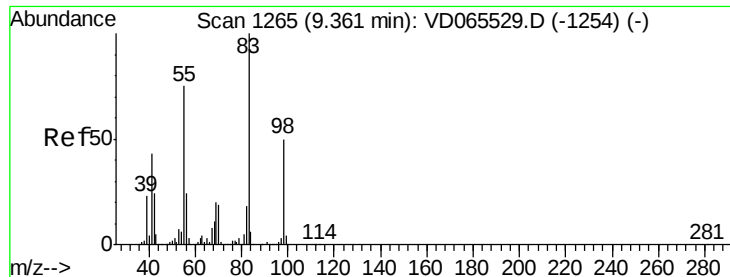
apatel
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#38
Carbon Tetrachloride
Concen: 49.456 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.2	112.8
121	32.5	24.5	36.7





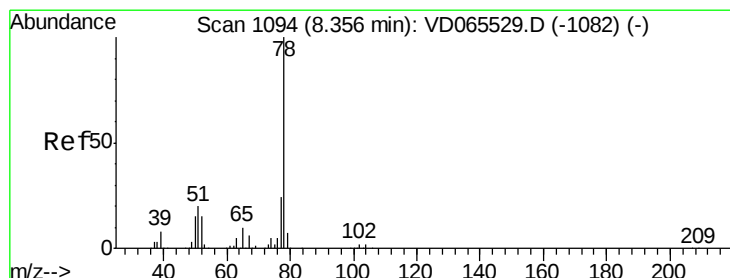
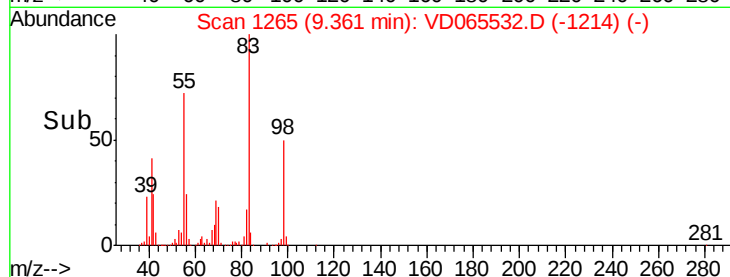
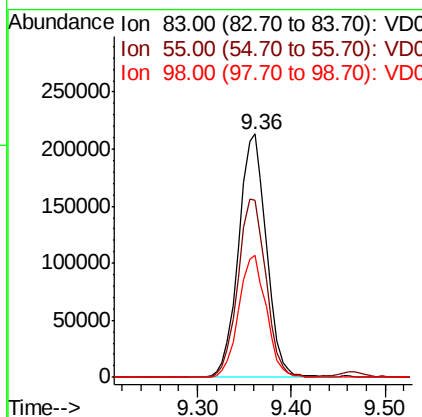
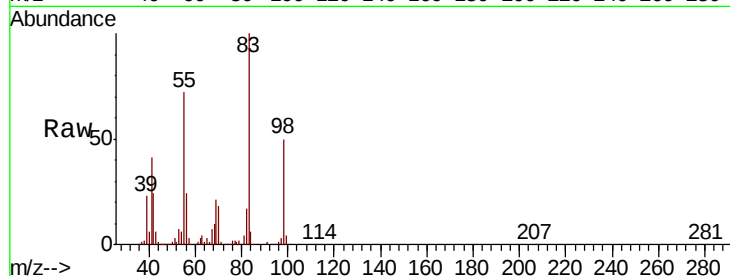
#39
Methylvlcyclohexane
Concen: 52.870 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

Instrument :
MSVOA_D
ClientSampleId :
ICVVD032620

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.5	59.7	89.5
98	49.9	40.2	60.2

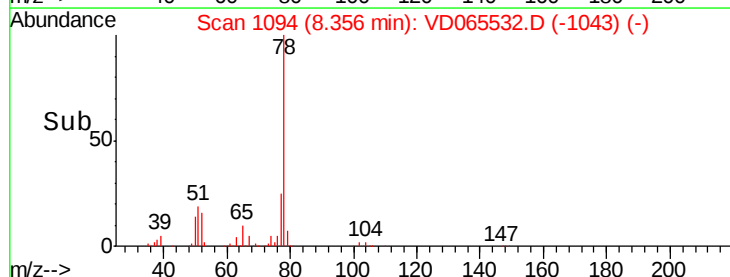
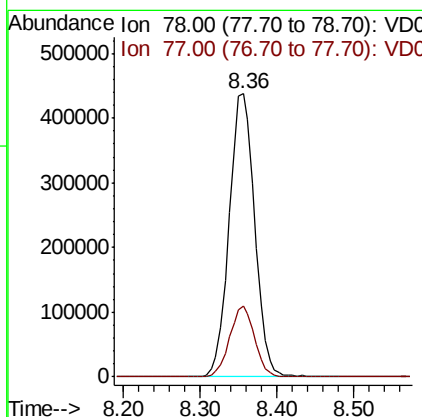
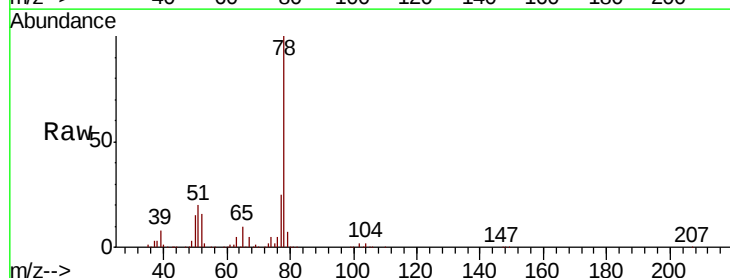
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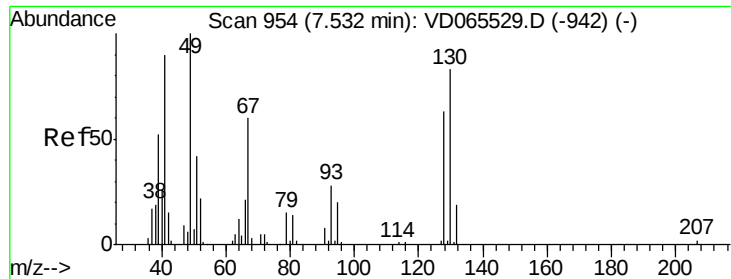
apatel
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#40
Benzene
Concen: 50.836 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.1	19.1	28.7





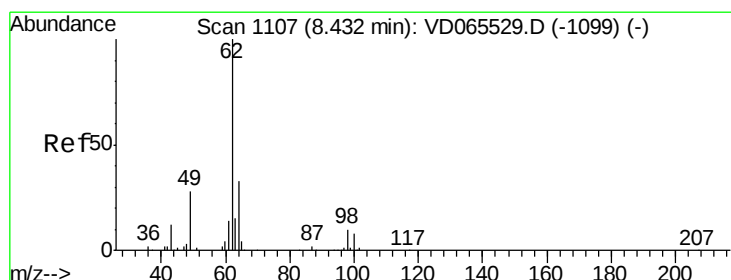
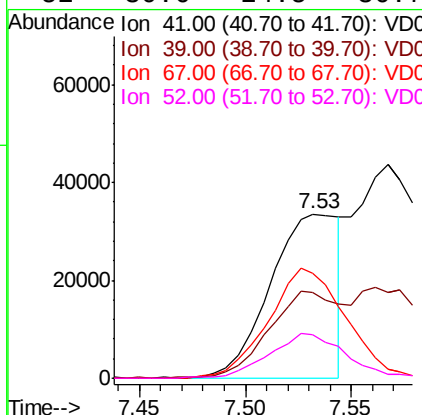
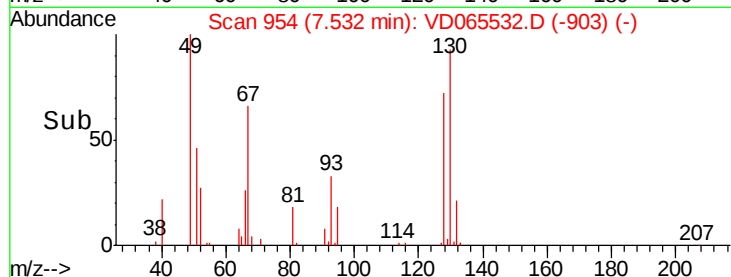
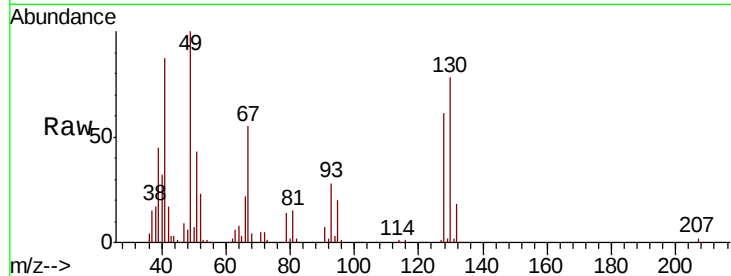
#41
Methacrylonitrile
Concen: 49.254 ug/l
RT: 7.53 min Scan# 954
Delta R.T. -0.00 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

Instrument :
MSVOA_D
ClientSampleId :
ICVVD032620

Tot Ion:	41	Resp:	76341
Ion	Ratio	Lower	Upper
41	100		
39	58.5	42.9	64.3
67	75.4	60.5	90.7
52	30.6	24.5	36.7

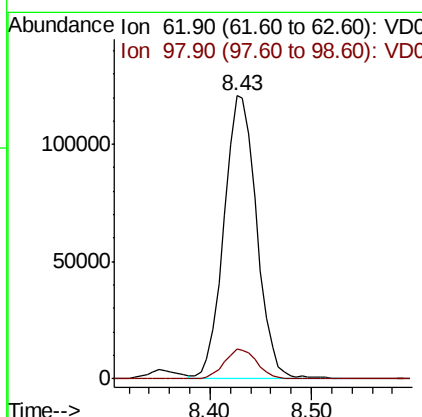
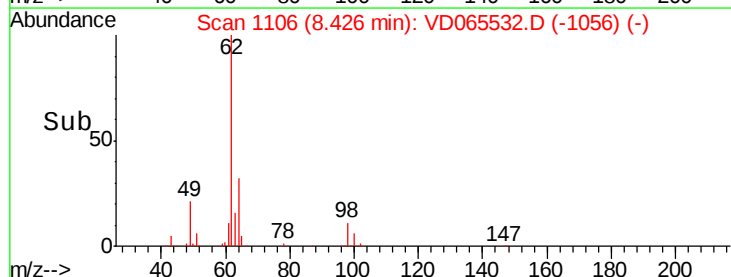
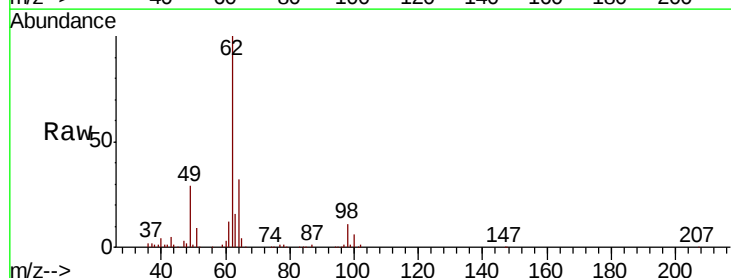
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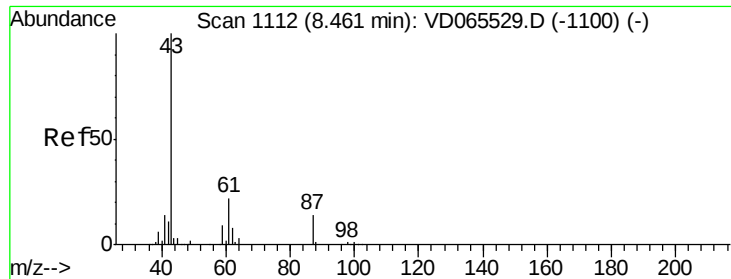
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#42
1,2-Dichloroethane
Concen: 50.483 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

Tgt Ion:	62	Resp:	268892
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	21.8





#43

Isopropyl Acetate

Concen: 52.213 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Instrument :

MSVOA_D

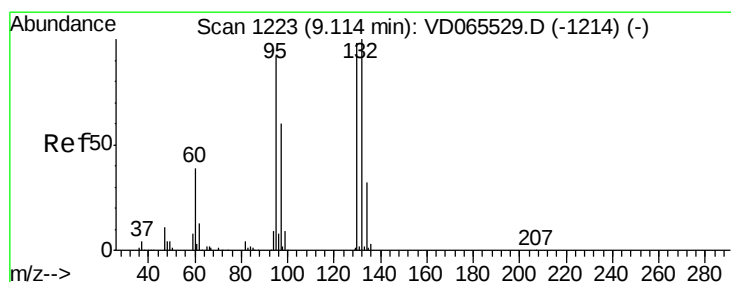
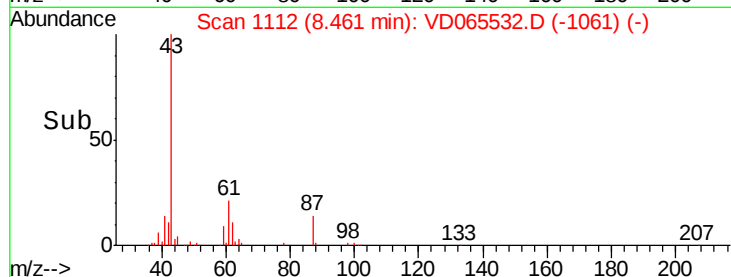
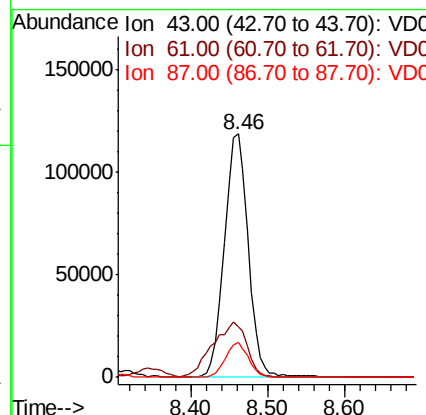
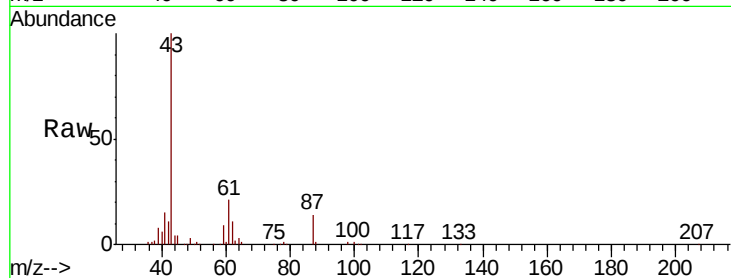
ClientSampleId :

ICVVD032620

Tot Ion:	43	Resp:	254590
Ion	Ratio	Lower	Upper
43	100		
61	32.6	25.0	37.4
87	13.9	11.0	16.4

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#44

Trichloroethene

Concen: 49.946 ug/l

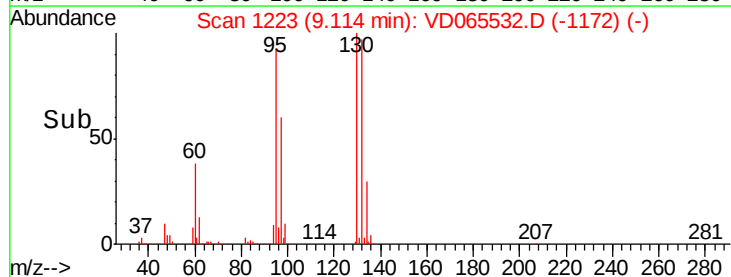
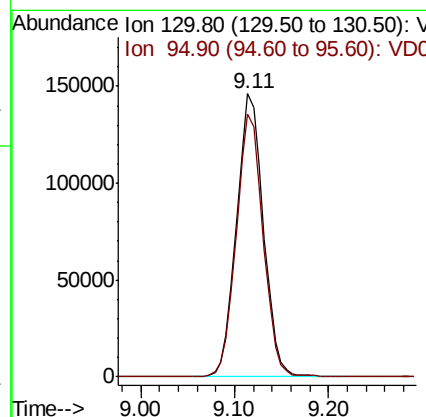
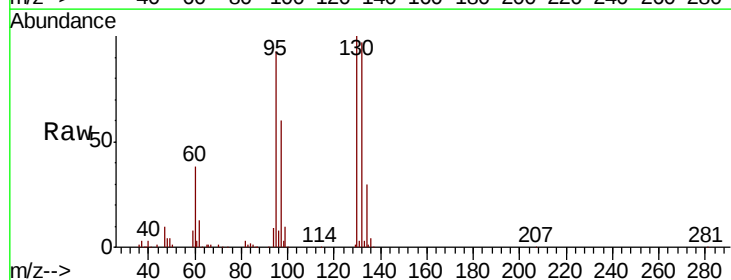
RT: 9.11 min Scan# 1223

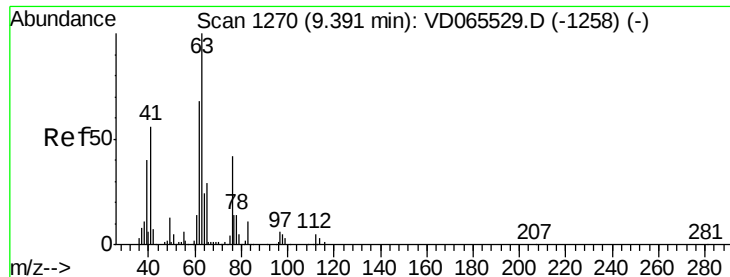
Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Tgt Ion:	130	Resp:	290077
Ion	Ratio	Lower	Upper
130	100		
95	93.1	0.0	187.0





#45

1,2-Dichloropropane

Concen: 51.347 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

ICVVD032620

Tot Ion: 63 Resp: 249663

Ion Ratio Lower Upper

63 100

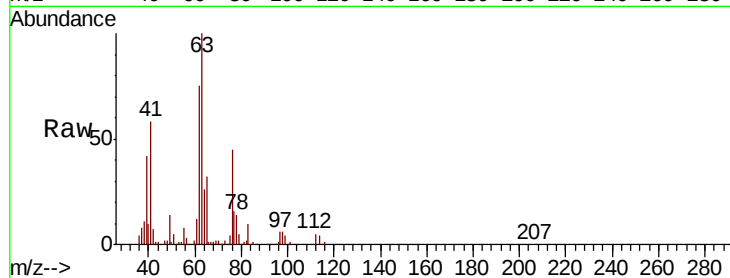
65 32.1 23.5 35.3

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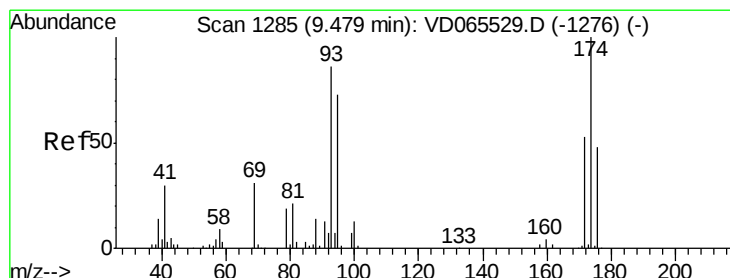
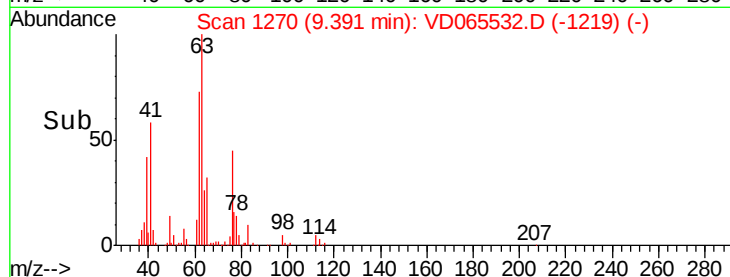
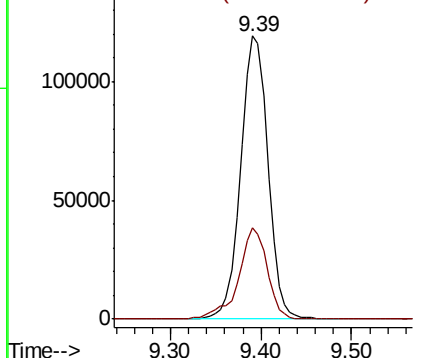
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Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 51.448 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

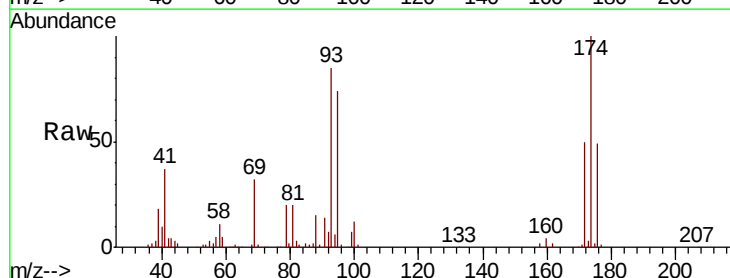
Tgt Ion: 93 Resp: 131265

Ion Ratio Lower Upper

93 100

95 82.5 67.3 100.9

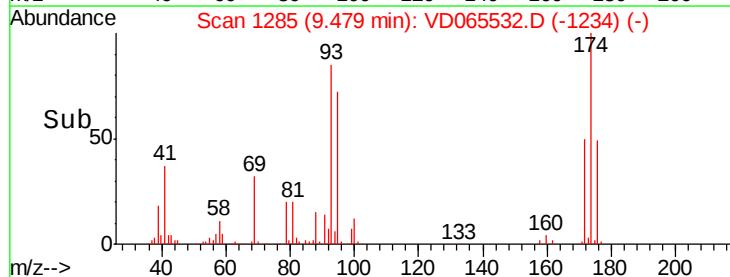
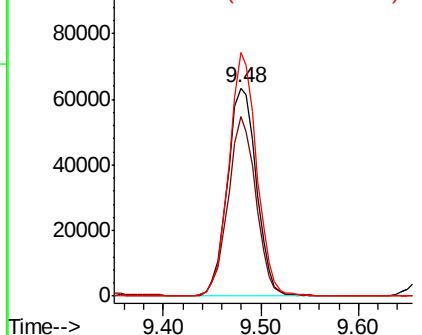
174 112.1 92.5 138.7

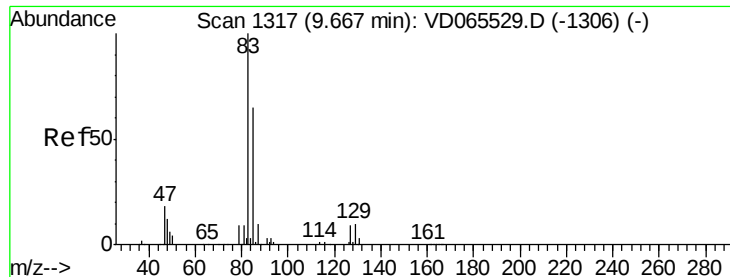


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): VDC





#47

Bromodichloromethane

Concen: 50.960 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Instrument :

MSVOA_D

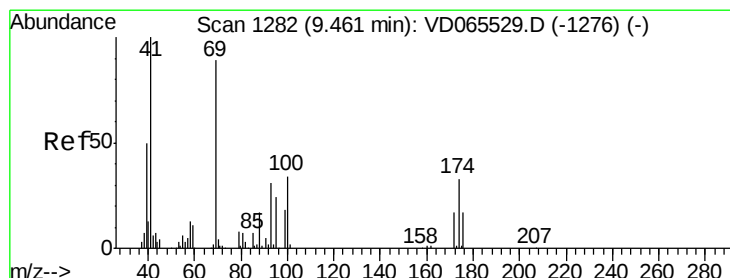
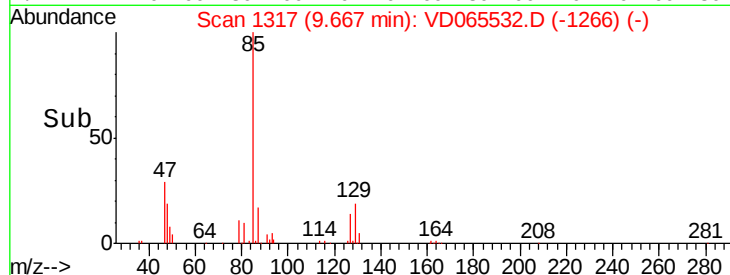
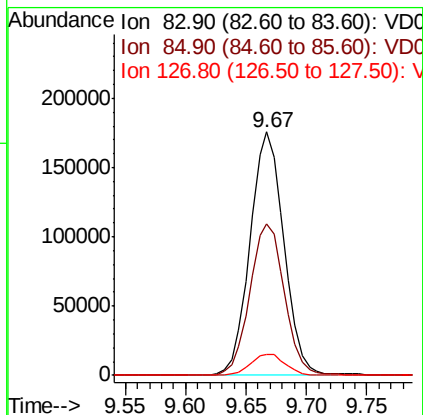
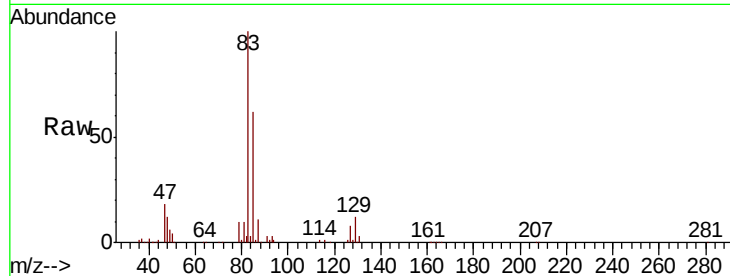
ClientSampleId :

ICVVD032620

Tot Ion:	83	Resp:	344441
Ion	Ratio	Lower	Upper
83	100		
85	62.3	52.2	78.2
127	8.4	7.1	10.7

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#48

Methyl methacrylate

Concen: 52.069 ug/l

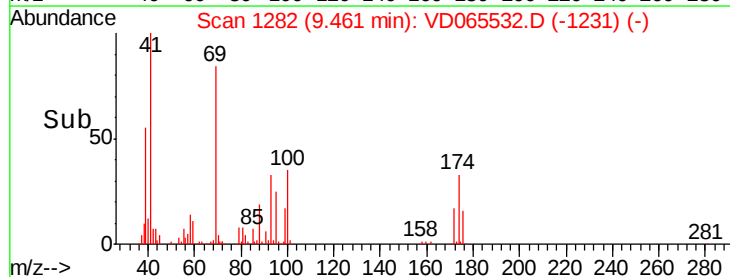
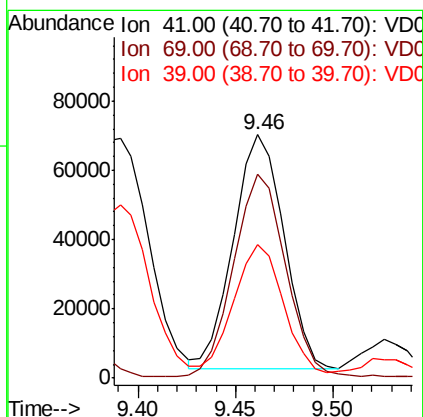
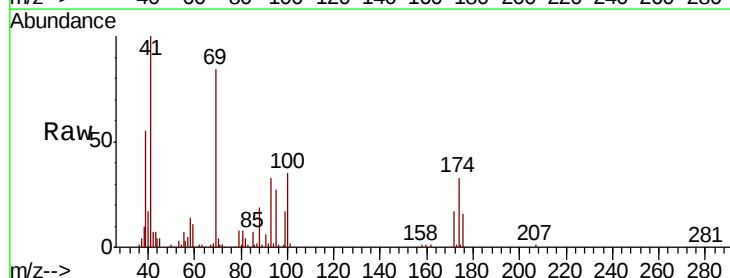
RT: 9.46 min Scan# 1282

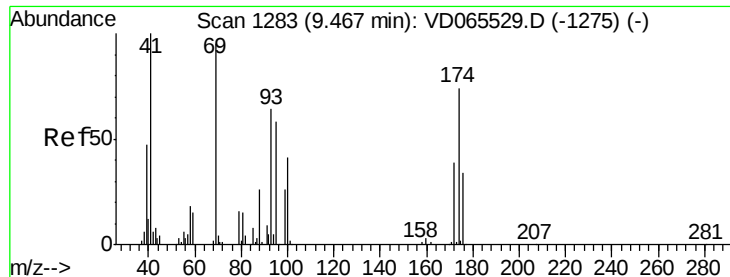
Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Tgt Ion:	41	Resp:	120719
Ion	Ratio	Lower	Upper
41	100		
69	89.9	71.8	107.6
39	52.4	42.2	63.4





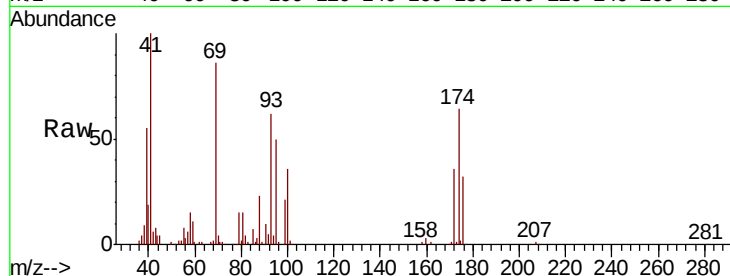
#49
1,4-Dioxane
Concen: 1102.114 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

Instrument :
MSVOA_D
ClientSampleId :
ICVVD032620

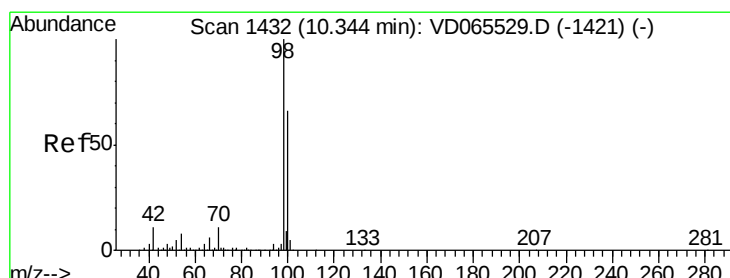
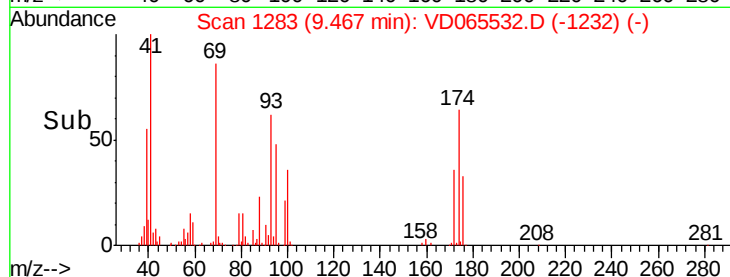
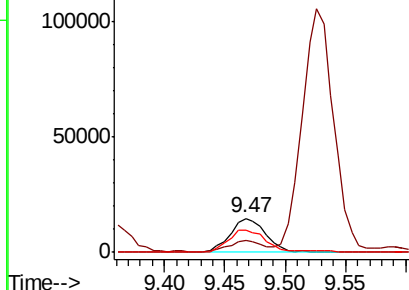
Tot Ion	Ratio	Lower	Upper
88	100		
43	31.7	26.0	39.0
58	73.0	54.6	82.0

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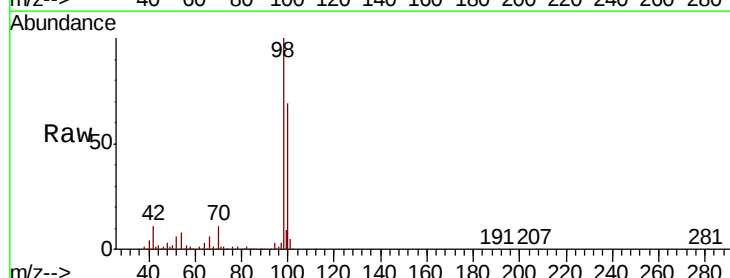


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

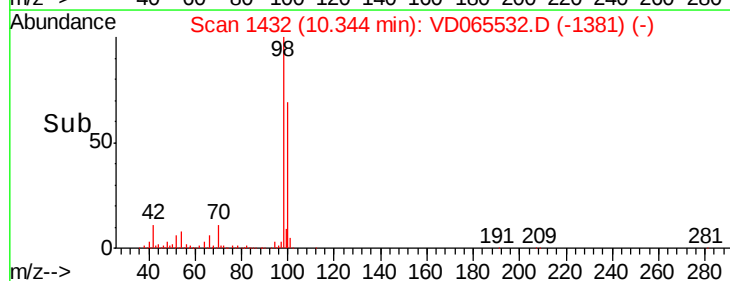
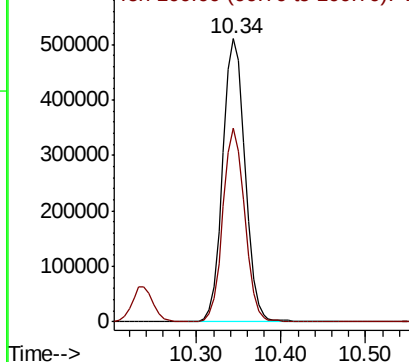


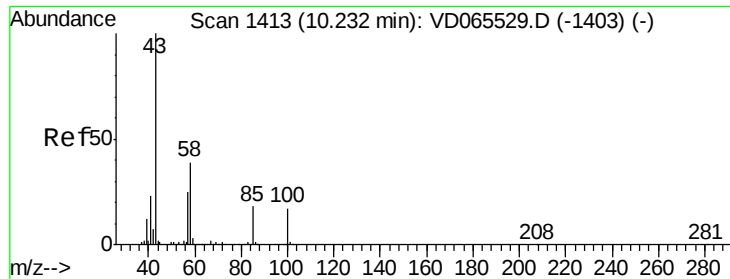
#50
Toluene-d8
Concen: 52.582 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.2	78.2



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 270.251 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

ICVVD032620

Tot Ion: 43 Resp: 664994

Ion Ratio Lower Upper

43 100

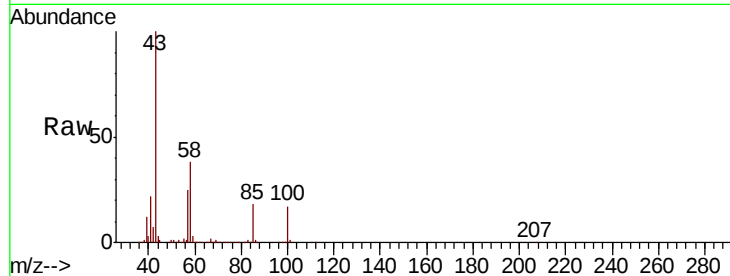
58 39.7 31.4 47.2

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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

400000

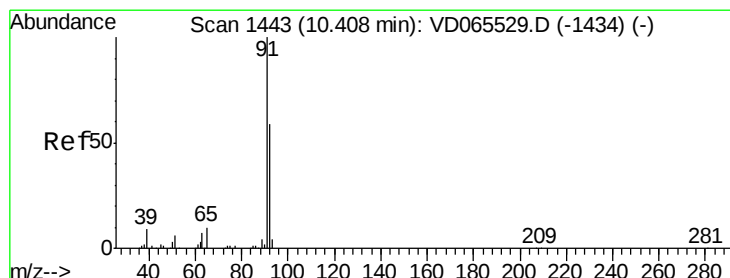
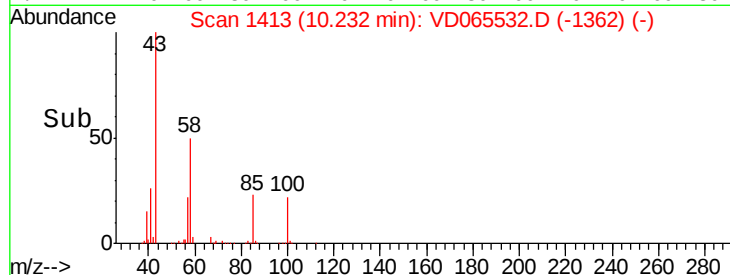
300000

200000

100000

0

Time--> 10.10 10.20 10.30



#52

Toluene

Concen: 51.631 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD065532.D

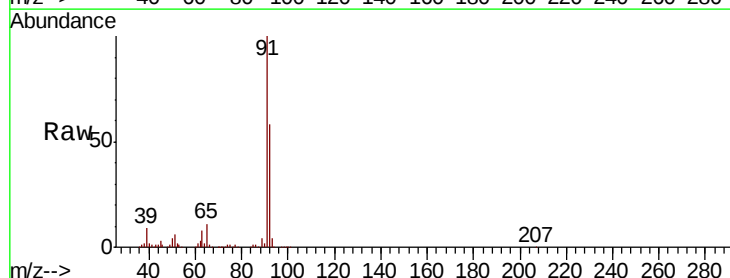
Acq: 26 Mar 2020 19:21

Tgt Ion: 92 Resp: 654494

Ion Ratio Lower Upper

92 100

91 172.2 137.3 205.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.41

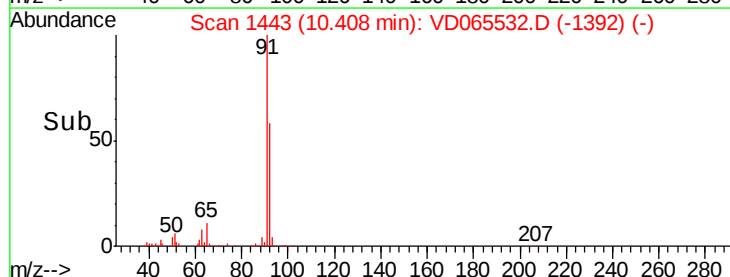
600000

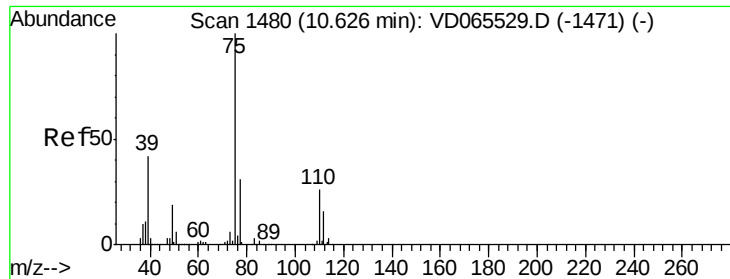
400000

200000

0

Time--> 10.30 10.40 10.50





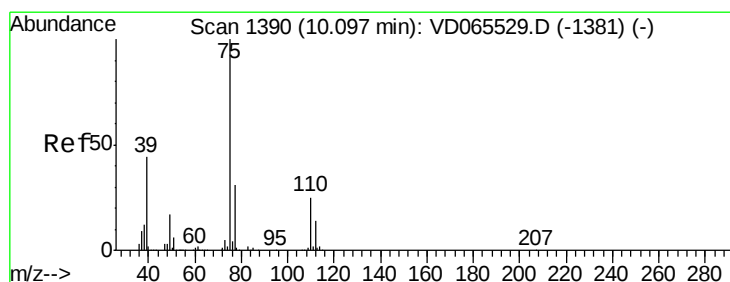
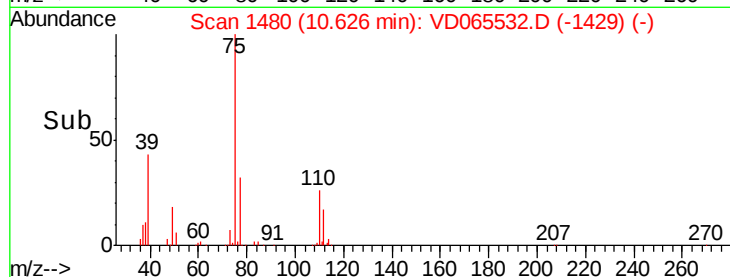
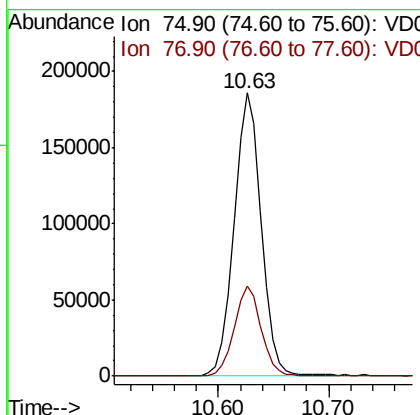
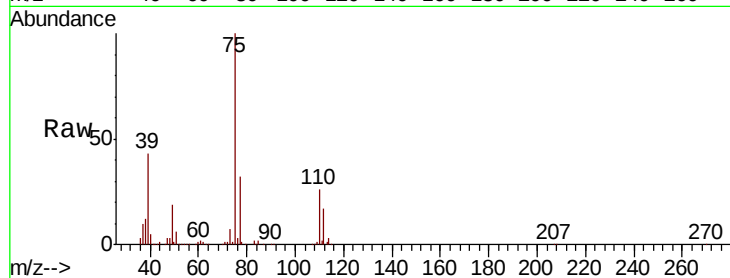
#53
 t-1,3-Dichloropropene
 Concen: 51.872 ug/l
 RT: 10.63 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: VD065532.D
 Acq: 26 Mar 2020 19:21

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD032620

Tot Ion: 75 Resp: 320668
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.2 37.8

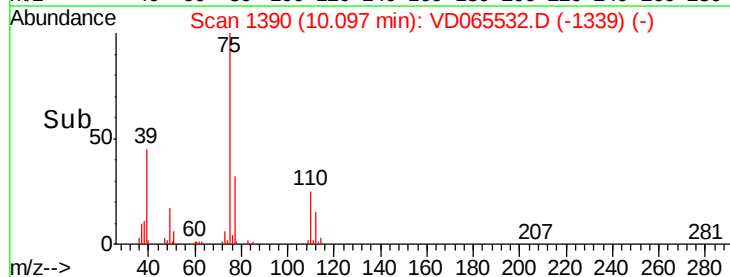
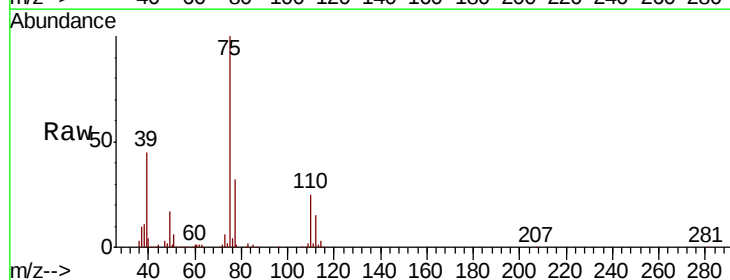
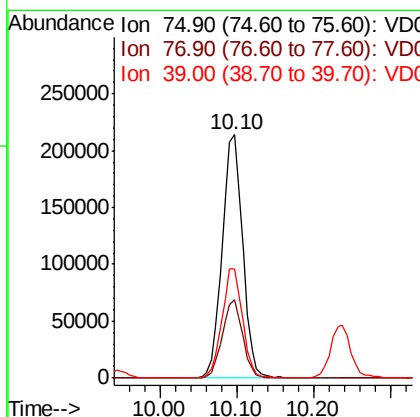
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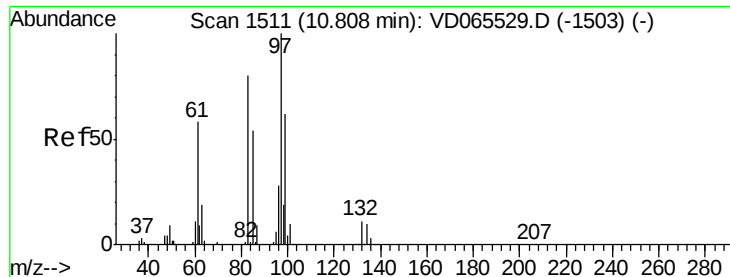
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#54
 cis-1,3-Dichloropropene
 Concen: 52.559 ug/l
 RT: 10.10 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: VD065532.D
 Acq: 26 Mar 2020 19:21

Tgt Ion: 75 Resp: 397527
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.6 36.8
 39 44.7 35.4 53.2





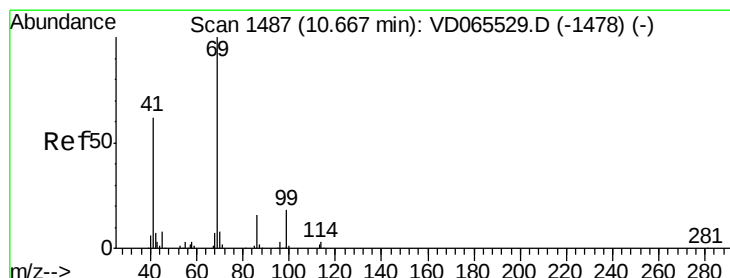
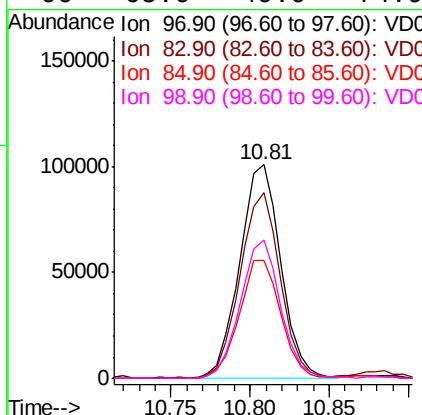
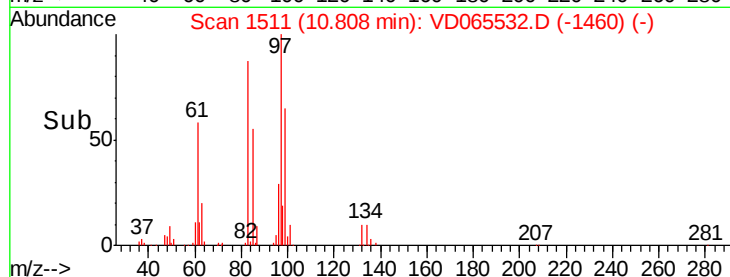
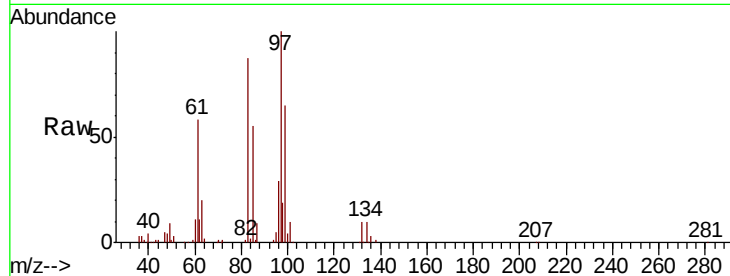
#55
 1,1,2-Trichloroethane
 Concen: 50.033 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. -0.00 min
 Lab File: VD065532.D
 Acq: 26 Mar 2020 19:21

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD032620

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		182105		
83	86.8	63.8	95.6		
85	55.0	42.9	64.3		
99	65.0	49.9	74.9		

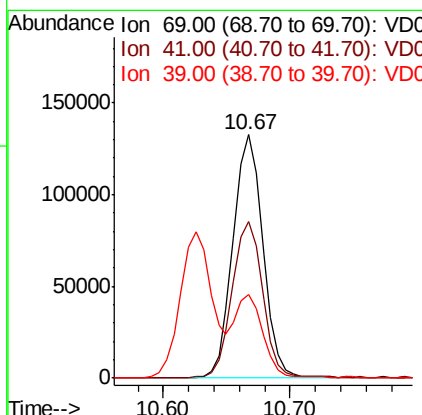
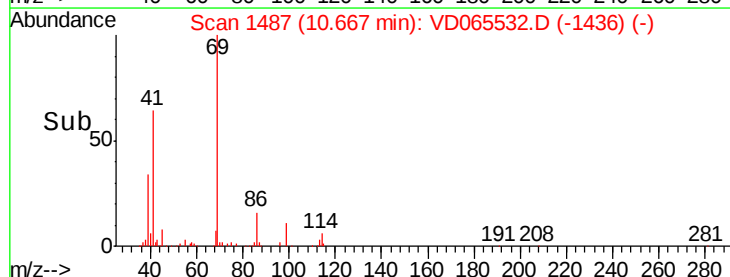
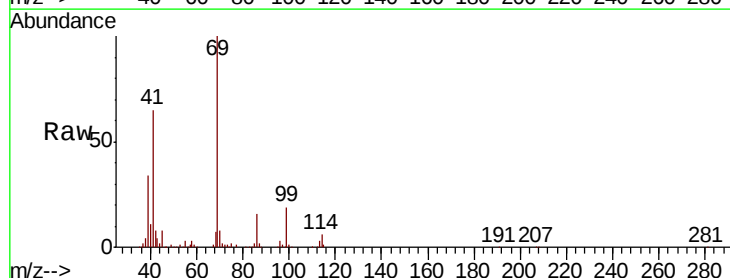
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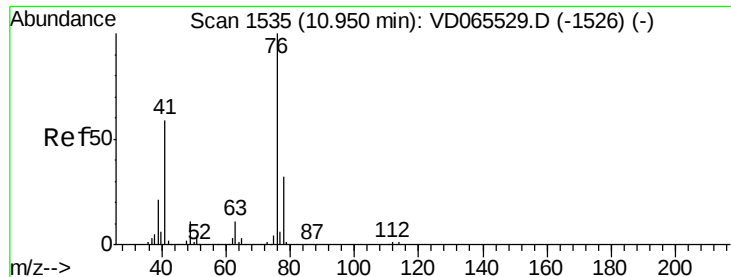
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#56
 Ethyl methacrylate
 Concen: 49.023 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD065532.D
 Acq: 26 Mar 2020 19:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		217592		
41	64.9	51.3	76.9		
39	32.0	25.3	37.9		





#57

1,3-Dichloropropane

Concen: 51.037 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

ICVVD032620

Tot Ion: 76 Resp: 312594

Ion Ratio Lower Upper

76 100

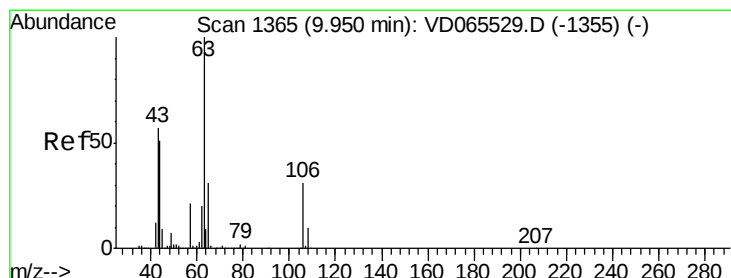
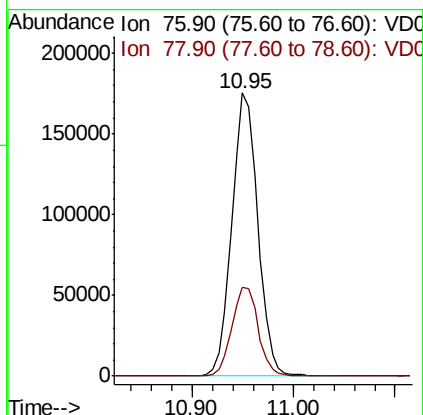
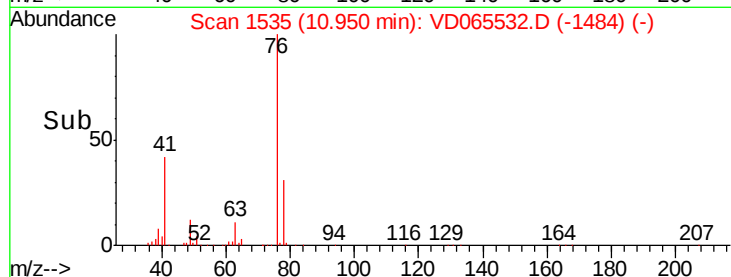
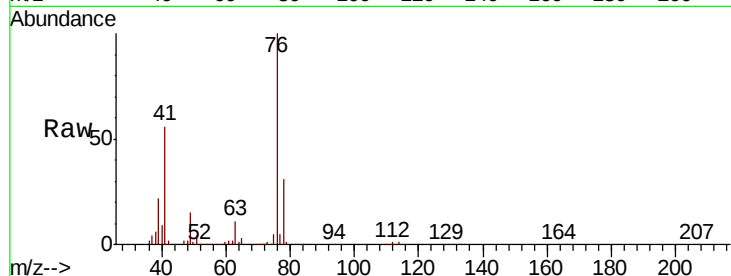
78 32.1 25.7 38.5

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#58

2-Chloroethyl Vinyl ether

Concen: 272.230 ug/l

RT: 9.95 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VD065532.D

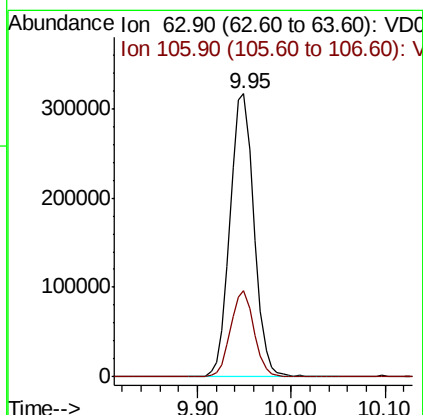
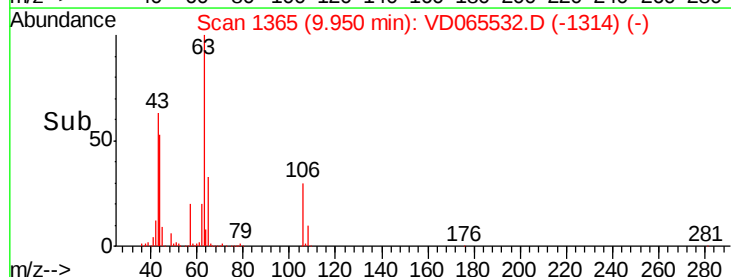
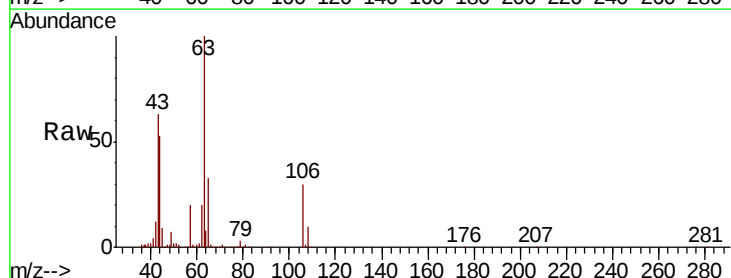
Acq: 26 Mar 2020 19:21

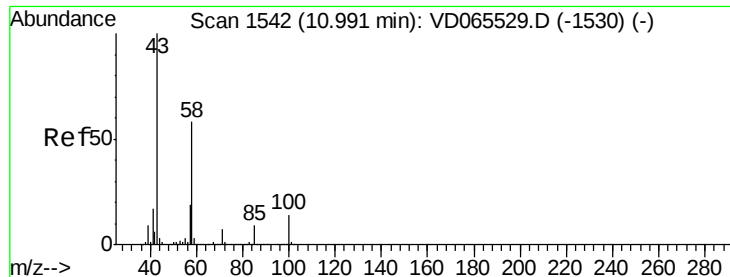
Tgt Ion: 63 Resp: 562266

Ion Ratio Lower Upper

63 100

106 29.7 24.3 36.5





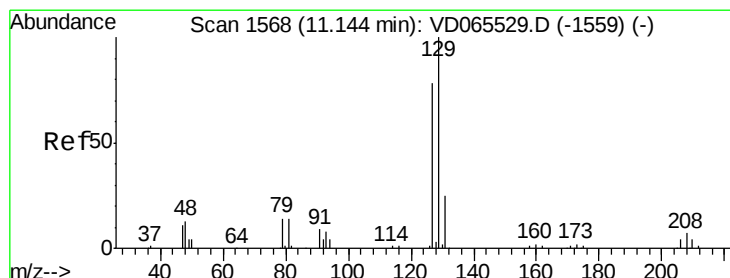
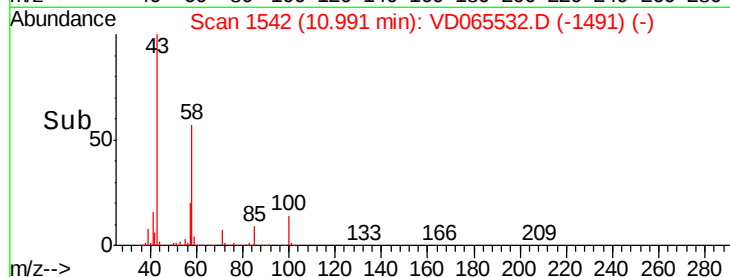
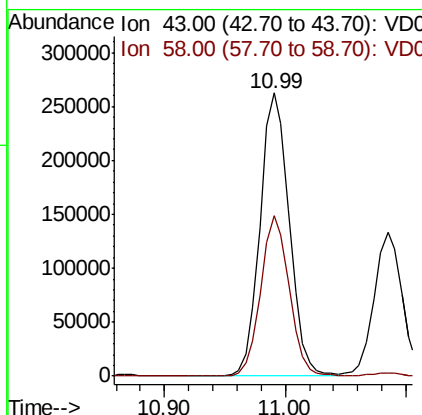
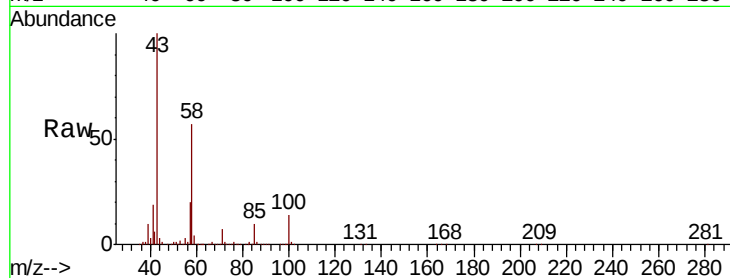
#59
2-Hexanone
Concen: 262.282 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

Instrument :
MSVOA_D
ClientSampleId :
ICVVD032620

Tot Ion: 43 Resp: 440039
Ion Ratio Lower Upper
43 100
58 55.4 27.9 83.7

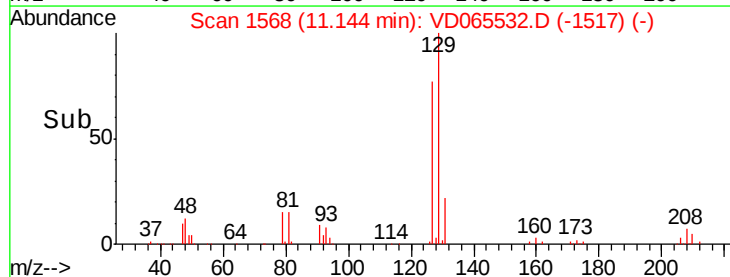
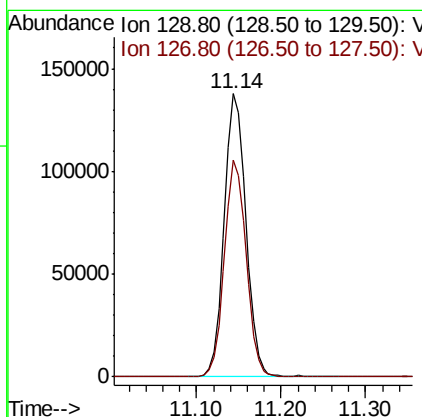
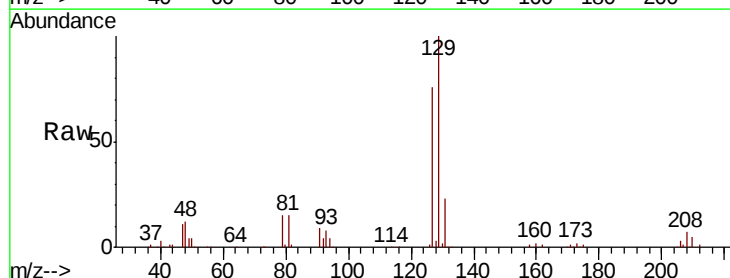
Manual Integrations
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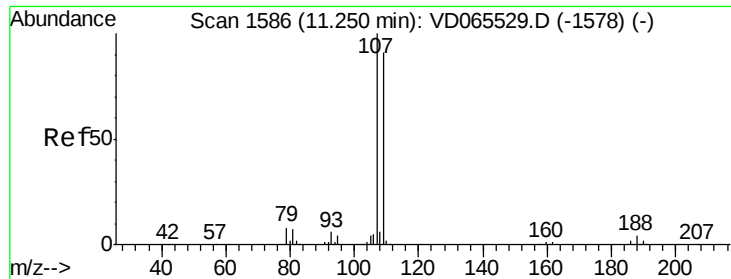
apatel
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#60
Dibromochloromethane
Concen: 50.782 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

Tgt Ion: 129 Resp: 244942
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.6





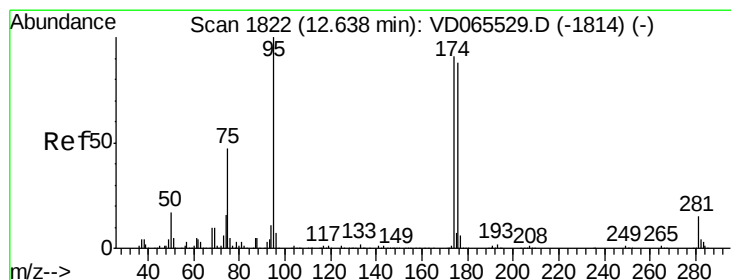
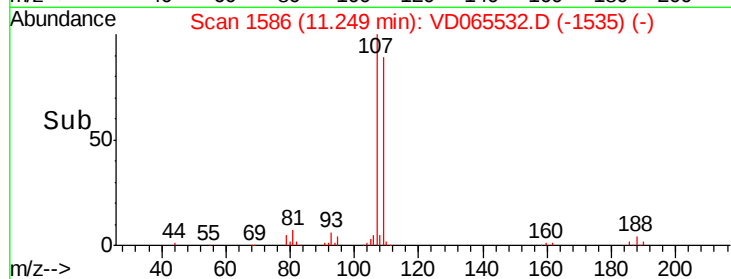
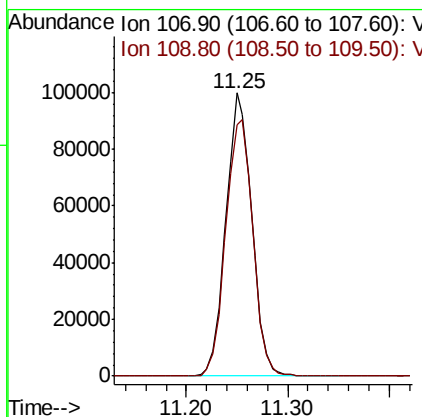
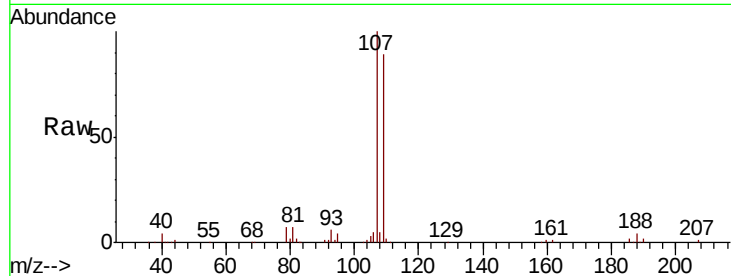
#61
 1,2-Dibromoethane
 Concen: 50.216 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065532.D
 Acq: 26 Mar 2020 19:21

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD032620

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.8	74.9	112.3

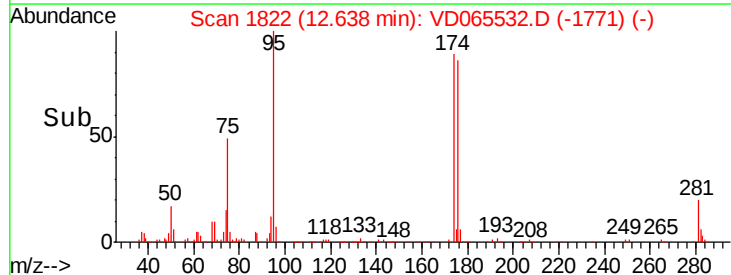
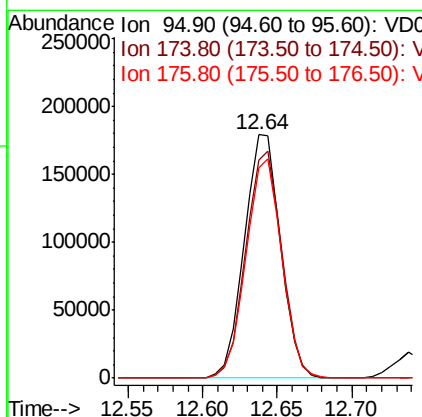
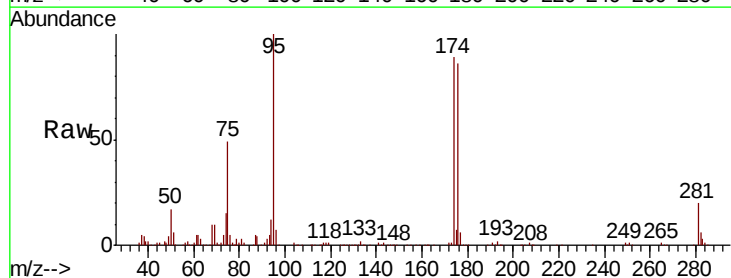
Manual Integrations
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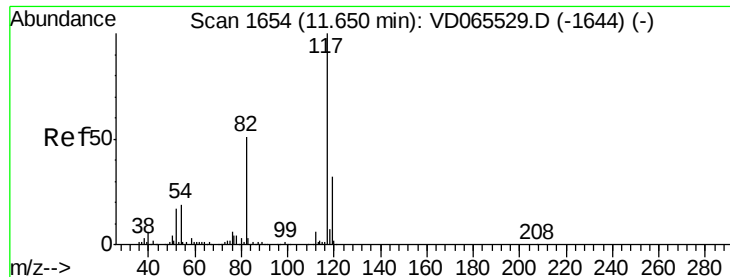
apatel
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#62
 4-Bromofluorobenzene
 Concen: 53.219 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD065532.D
 Acq: 26 Mar 2020 19:21

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.3	0.0	183.8
176	88.6	0.0	178.2





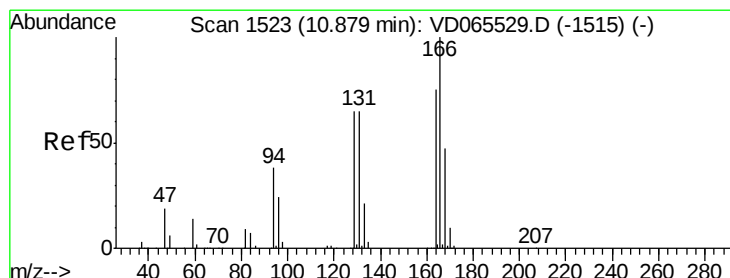
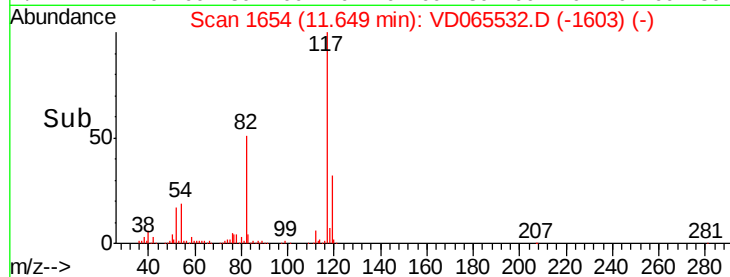
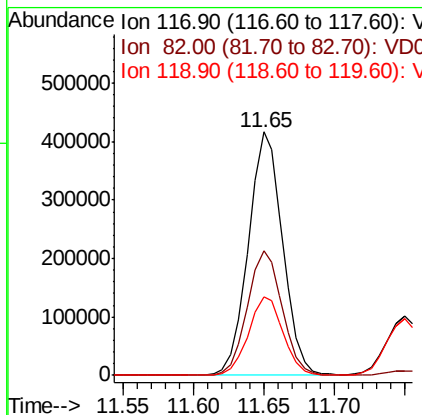
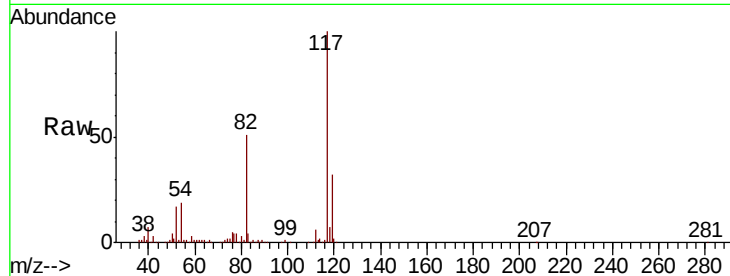
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

Instrument :
MSVOA_D
ClientSampleId :
ICVVD032620

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.4	41.0	61.6
119	32.0	25.5	38.3

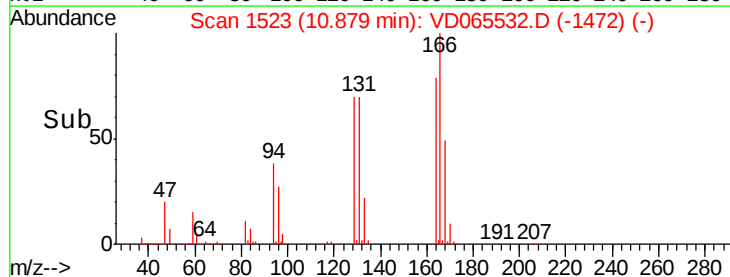
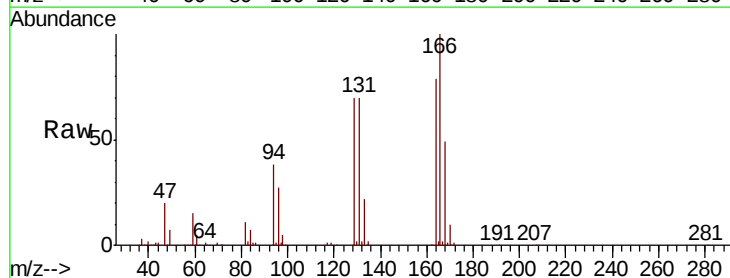
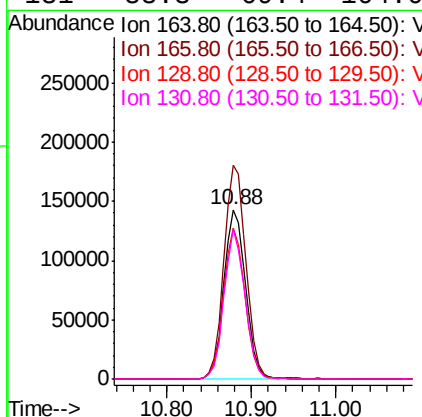
Manual Integrations
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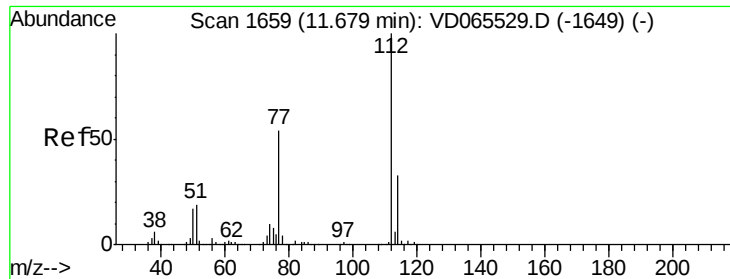
apatel
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#64
Tetrachloroethene
Concen: 49.886 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.0	107.1	160.7
129	88.8	69.2	103.8
131	88.3	69.4	104.0





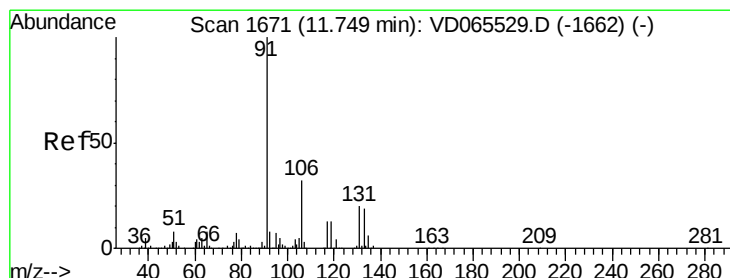
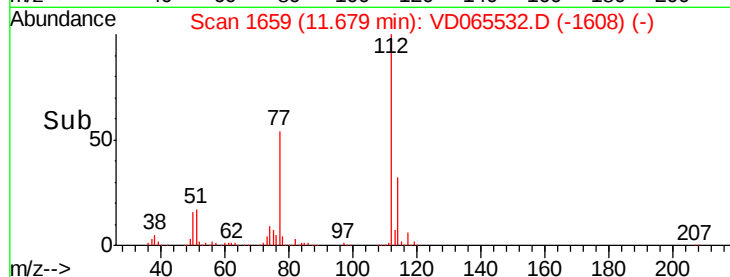
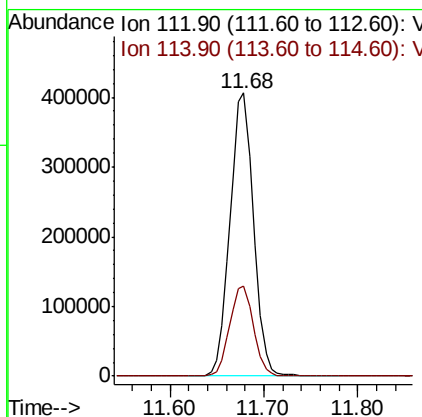
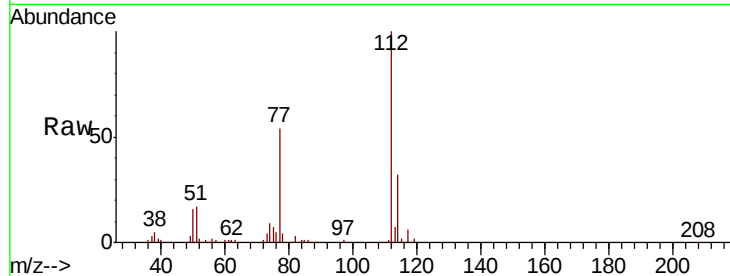
#65
Chlorobenzene
Concen: 51.032 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

Instrument :
MSVOA_D
ClientSampleId :
ICVVD032620

Tot Ion:112 Resp: 707823
Ion Ratio Lower Upper
112 100
114 32.0 26.0 39.0

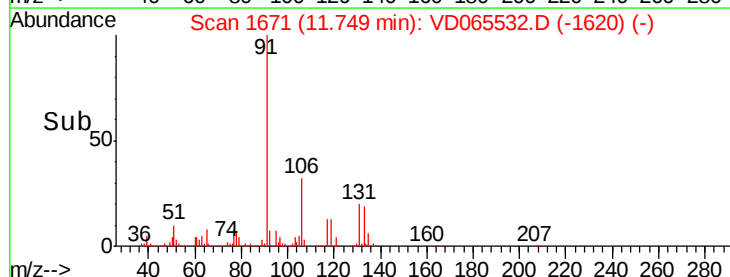
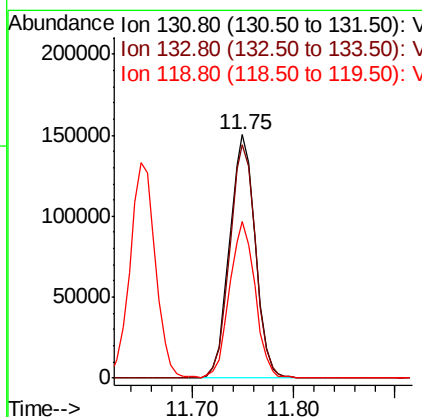
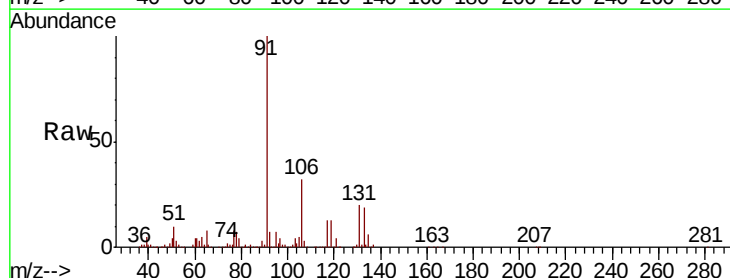
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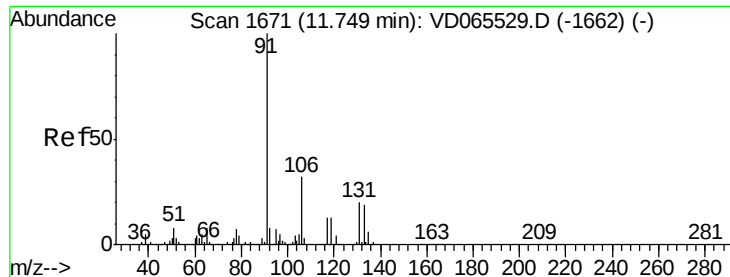
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.033 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

Tgt Ion:131 Resp: 263968
Ion Ratio Lower Upper
131 100
133 96.7 48.9 146.7
119 64.1 32.5 97.4





#67

Ethyl Benzene

Concen: 53.177 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Instrument :

MSVOA_D

ClientSampleID :

ICVVD032620

Tot Ion: 91 Resp: 1242325

Ion Ratio Lower Upper

91 100

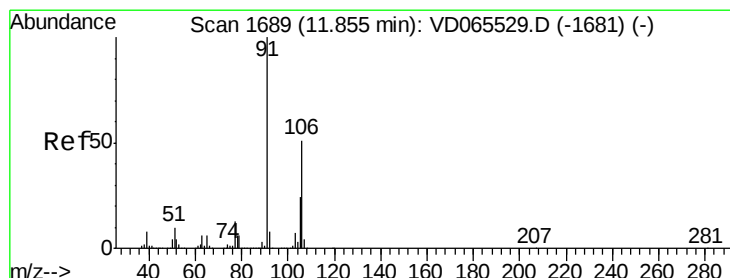
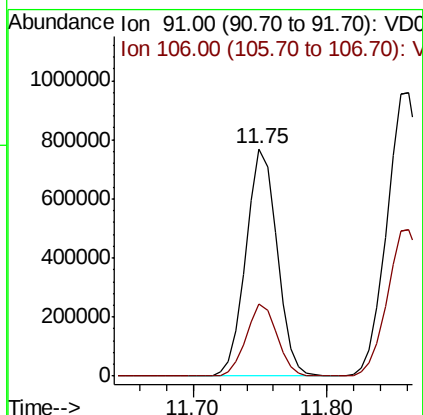
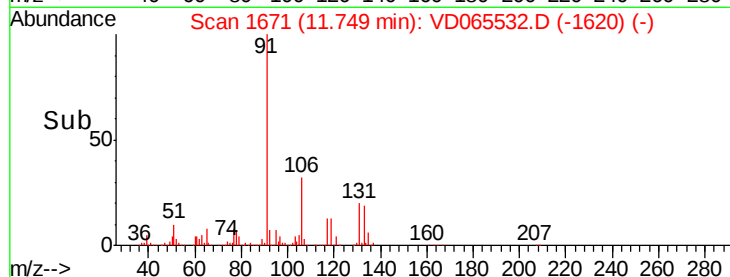
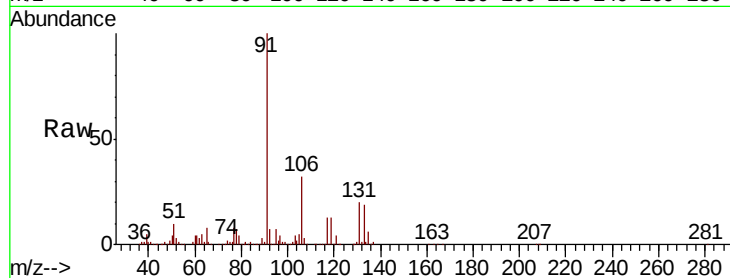
106 31.8 25.4 38.0

Manual Integrations

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#68

m/p-Xylenes

Concen: 105.175 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. 0.01 min

Lab File: VD065532.D

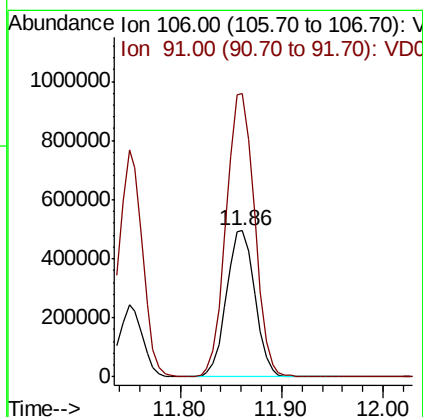
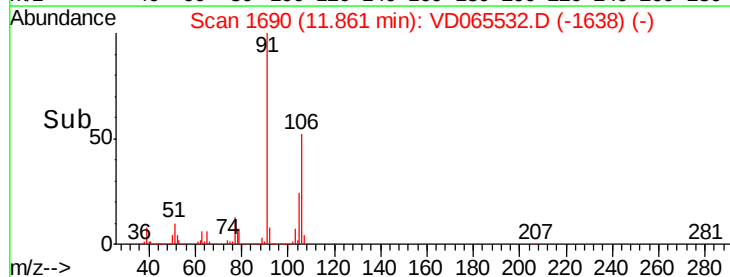
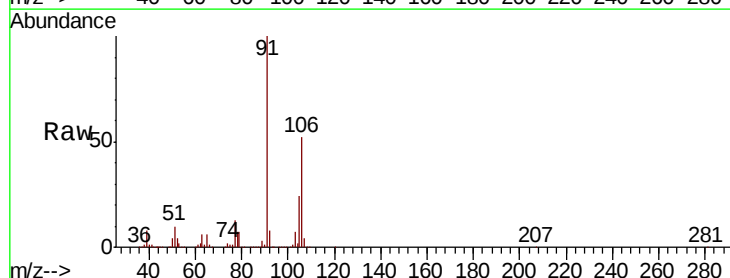
Acq: 26 Mar 2020 19:21

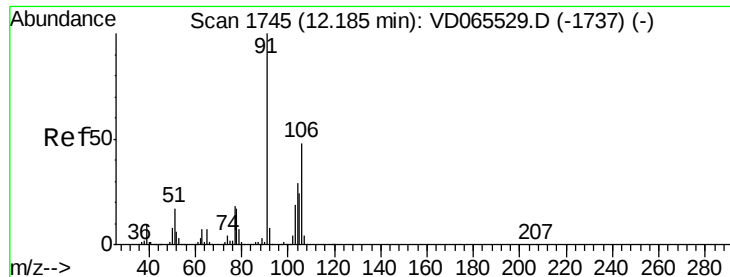
Tgt Ion: 106 Resp: 964759

Ion Ratio Lower Upper

106 100

91 194.1 155.4 233.0





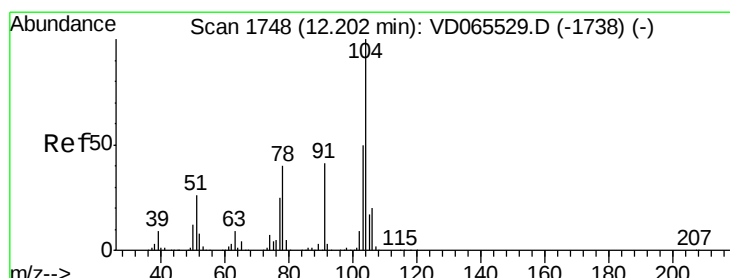
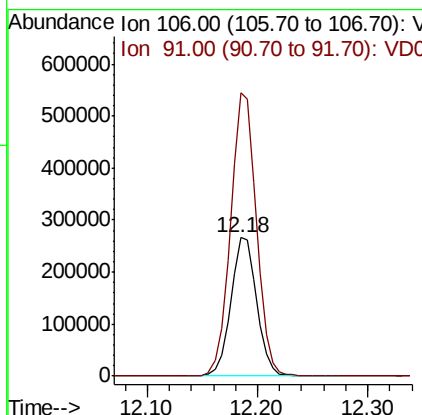
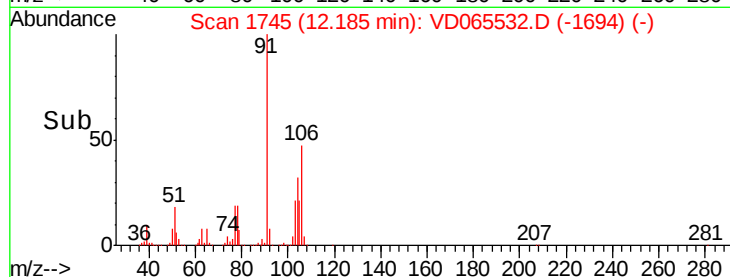
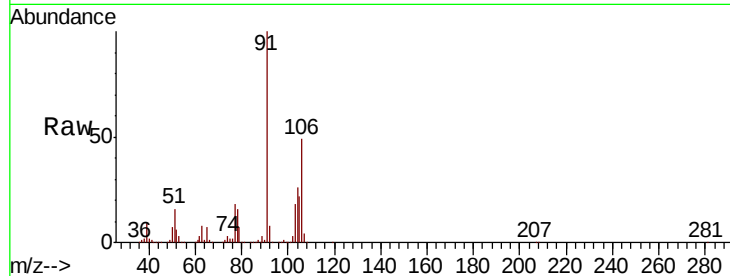
#69
o-Xylene
Concen: 54.358 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

Instrument :
MSVOA_D
ClientSampleId :
ICVVD032620

Tot Ion:106 Resp: 436678
Ion Ratio Lower Upper
106 100
91 204.5 102.8 308.4

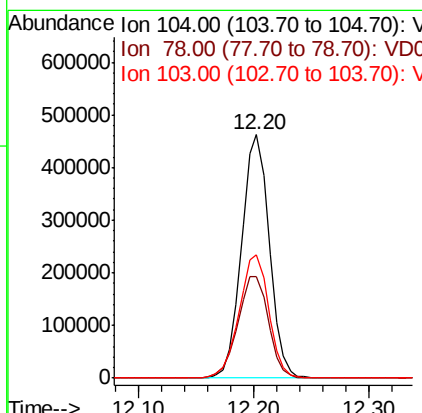
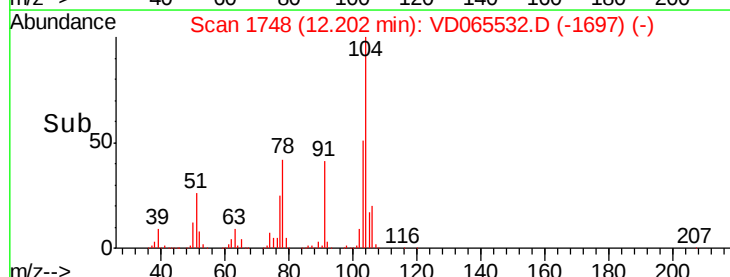
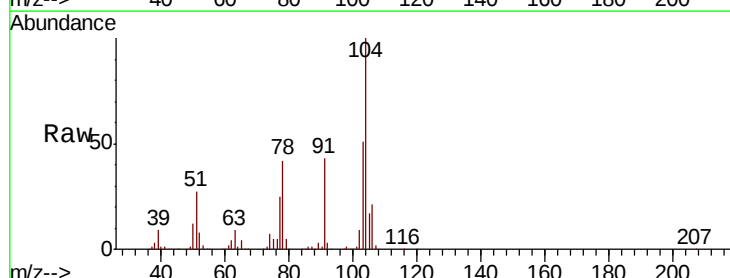
Manual Integrations
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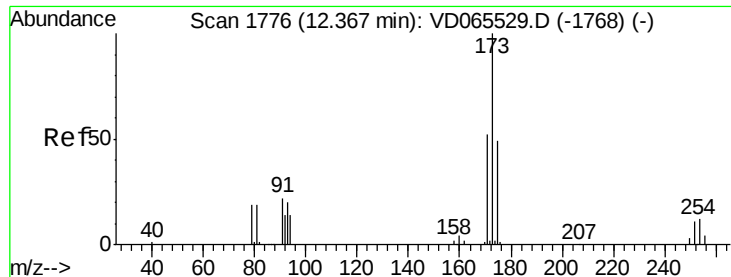
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#70
Styrene
Concen: 54.370 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

Tgt Ion:104 Resp: 771456
Ion Ratio Lower Upper
104 100
78 46.4 36.6 55.0
103 54.2 43.8 65.6





#71

Bromoform

Concen: 50.368 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Instrument :

MSVOA_D

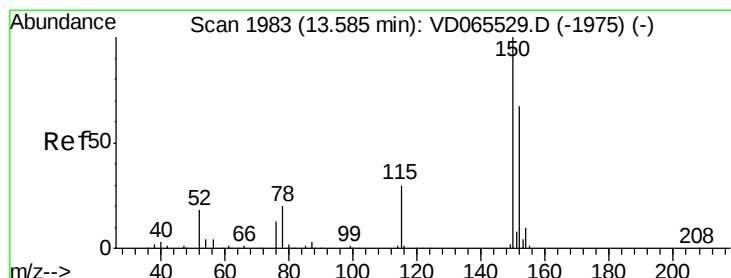
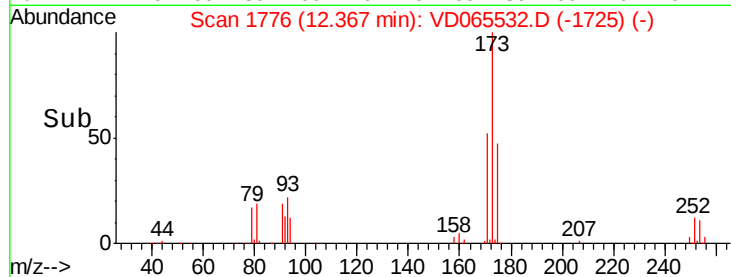
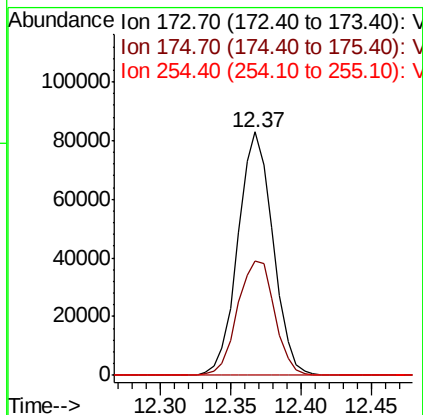
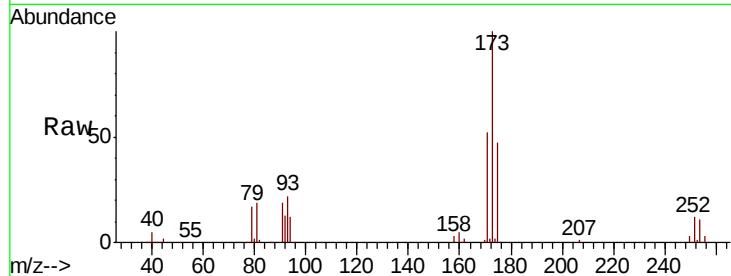
ClientSampleId :

ICVVD032620

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.0	24.3	72.8
254	0.1	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

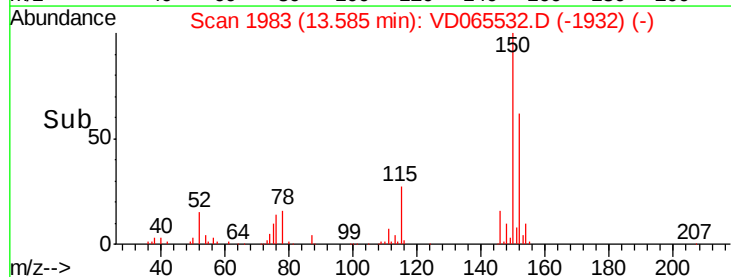
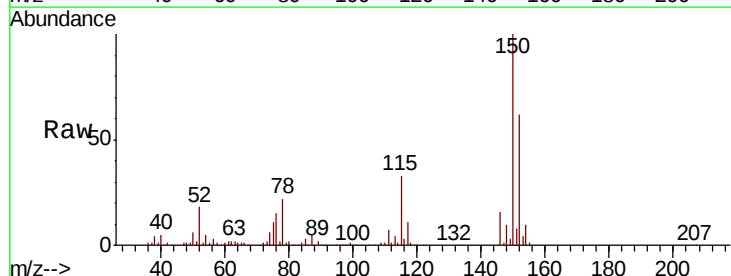
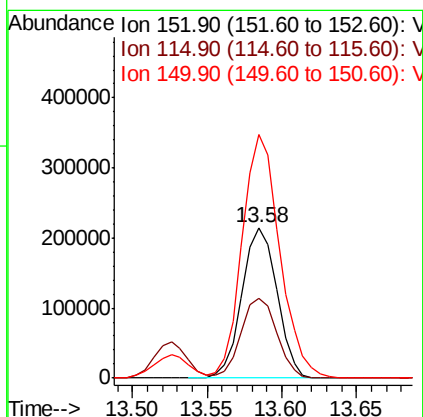
RT: 13.58 min Scan# 1983

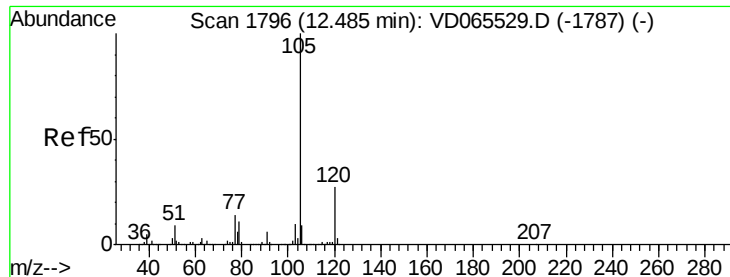
Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.1	27.2	81.6
150	173.6	0.0	340.2





#73

Isopropylbenzene

Concen: 54.587 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

ICVVD032620

Tot Ion: 105 Resp: 1175429

Ion Ratio Lower Upper

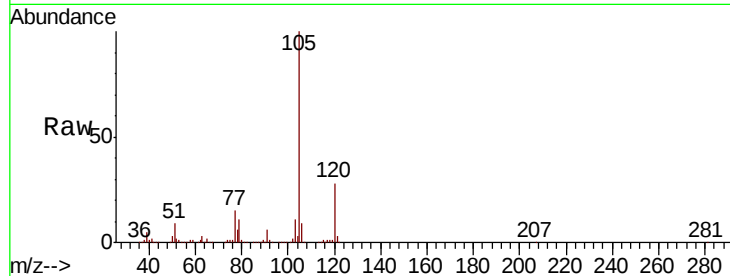
105 100

120 27.2 13.7 41.0

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

800000

600000

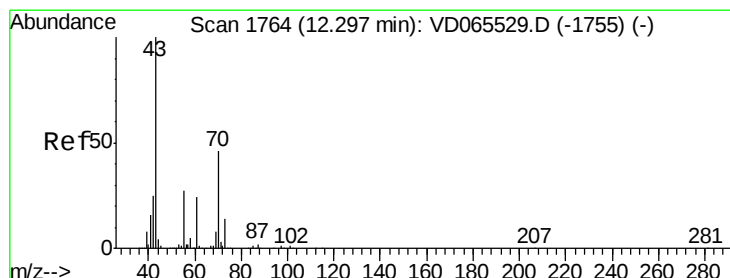
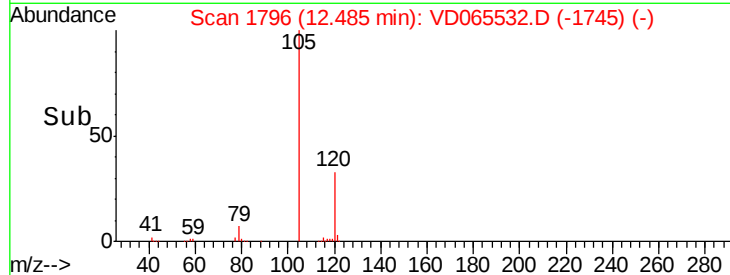
400000

200000

0

12.40 12.50 12.60

Time-->



#74

N-ethyl acetate

Concen: 54.764 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Tgt Ion: 43 Resp: 232728

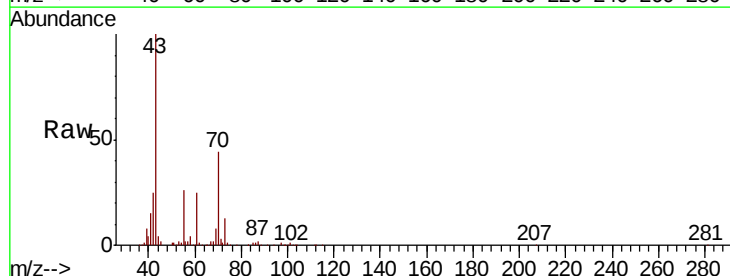
Ion Ratio Lower Upper

43 100

70 44.6 36.2 54.2

55 27.1 22.2 33.4

61 24.9 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

250000

200000

150000

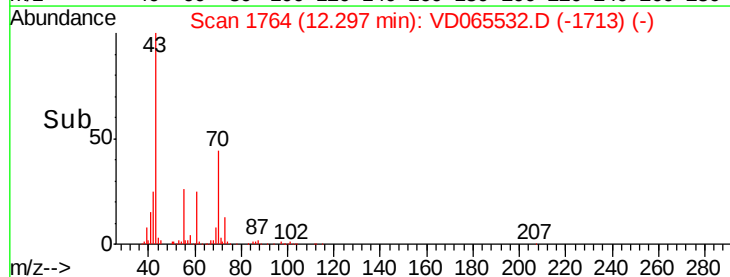
100000

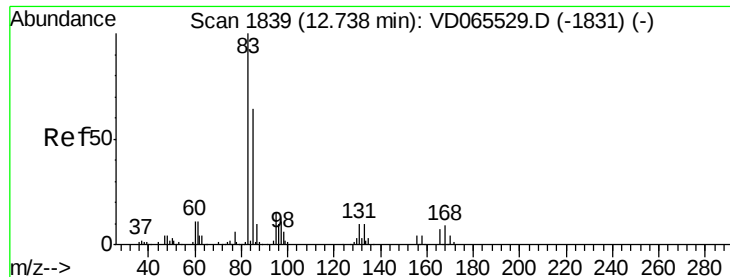
50000

0

12.20 12.30 12.40

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 50.314 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Instrument :

MSVOA_D

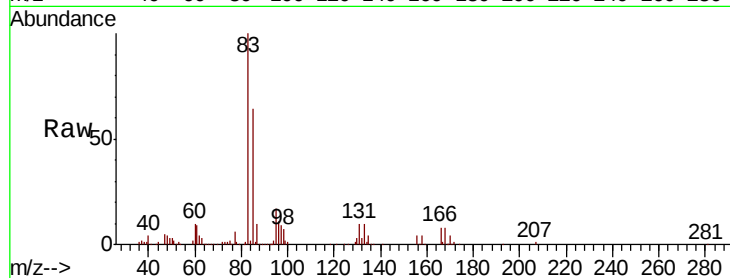
ClientSampleId :

ICVVD032620

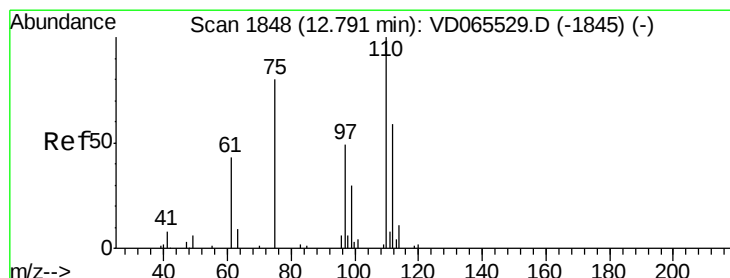
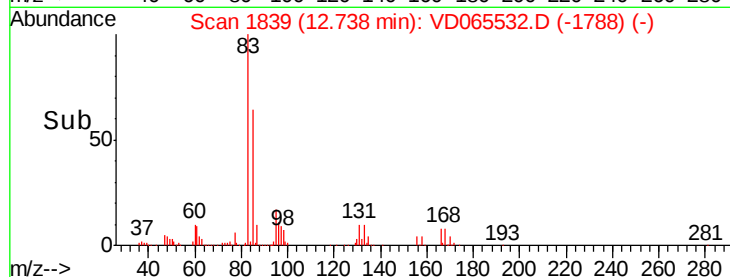
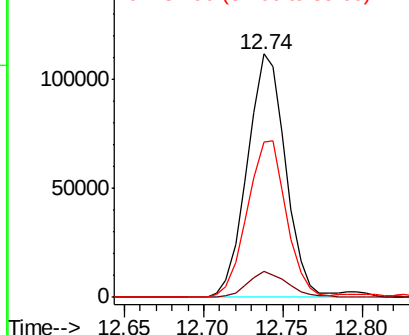
Tot Ion:	83	Resp:	188189
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.6	16.8
85	65.8	32.6	98.0

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Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 48.234 ug/l m

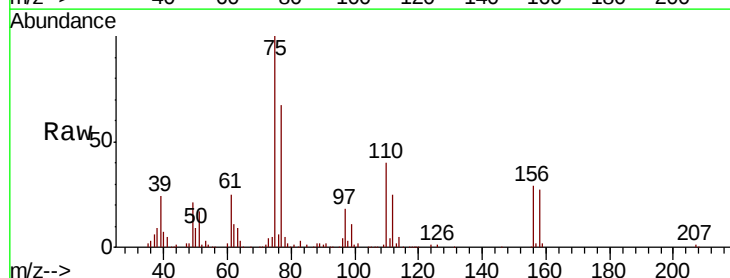
RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

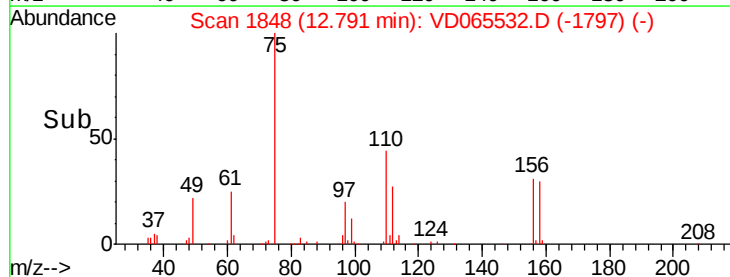
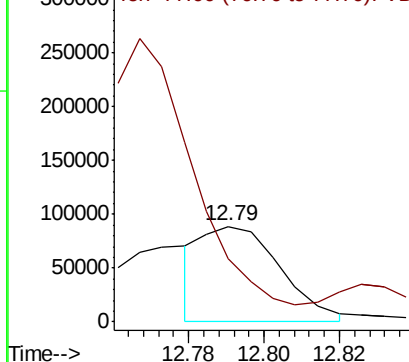
Lab File: VD065532.D

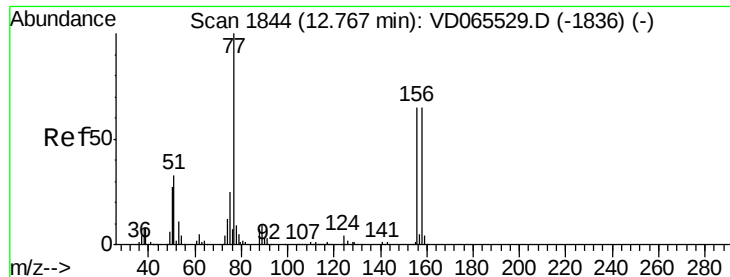
Acq: 26 Mar 2020 19:21

Tgt Ion:	75	Resp:	130045
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 52.812 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Instrument :

MSVOA_D

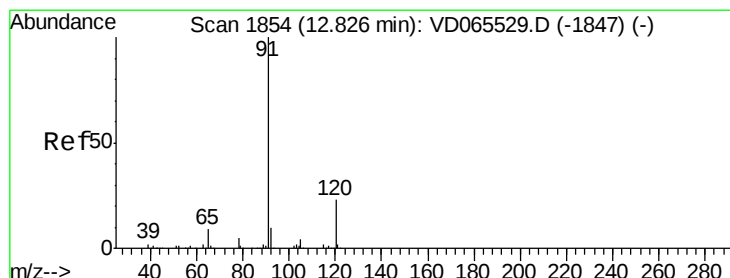
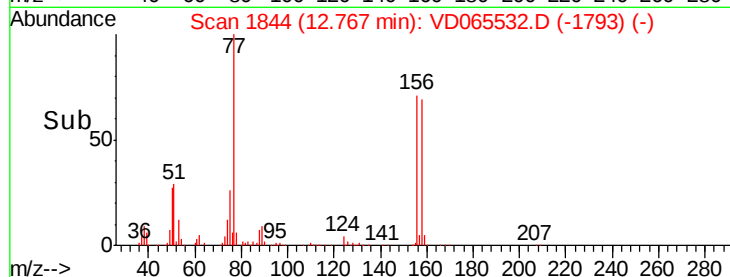
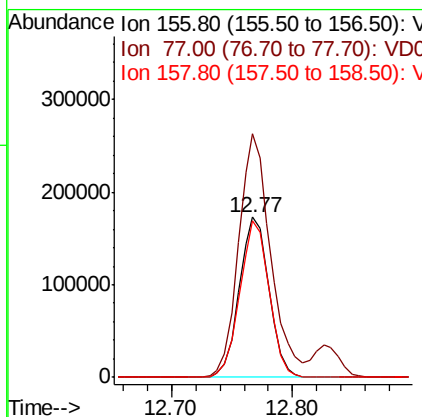
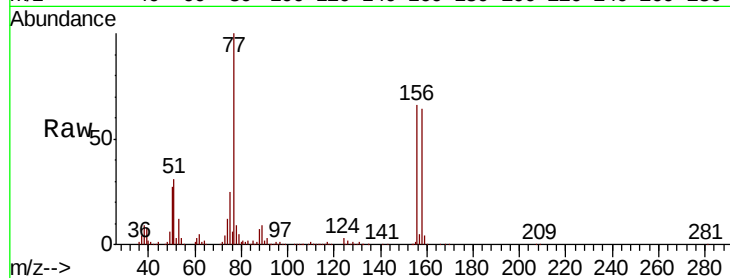
ClientSampleId :

ICVVD032620

Tot Ion:	156	Resp:	297179
Ion	Ratio	Lower	Upper
156	100		
77	163.2	81.8	245.3
158	96.3	49.1	147.4

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#78

n-propylbenzene

Concen: 53.888 ug/l

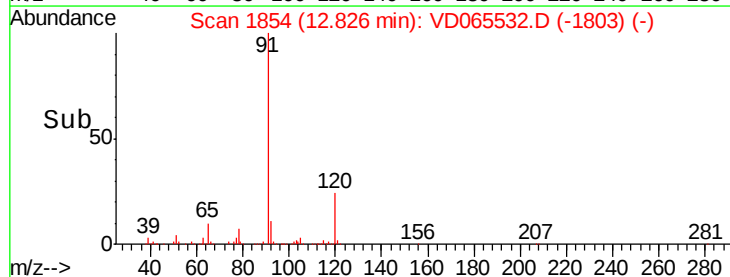
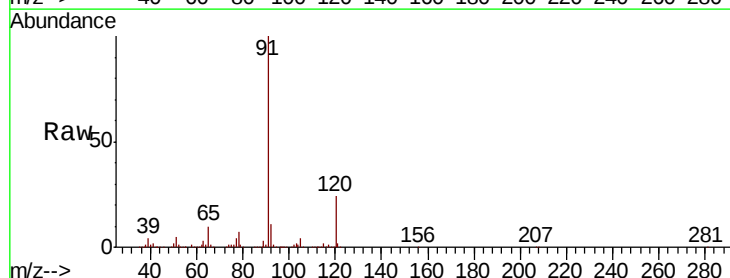
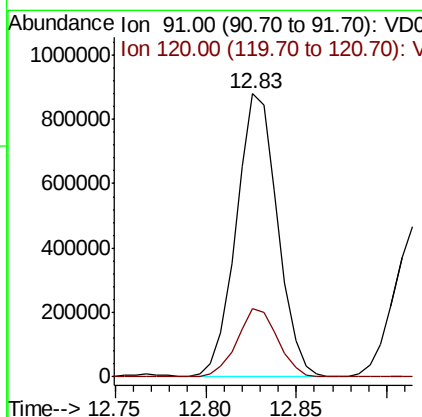
RT: 12.83 min Scan# 1854

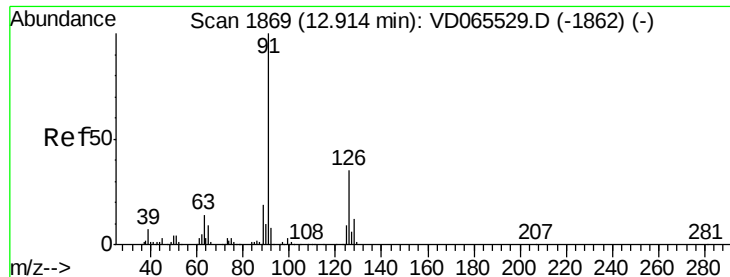
Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Tgt Ion:	91	Resp:	1383170
Ion	Ratio	Lower	Upper
91	100		
120	23.9	11.8	35.4





#79

2-Chlorotoluene

Concen: 52.642 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

ICVVD032620

Tot Ion: 91 Resp: 770844

Ion Ratio Lower Upper

91 100

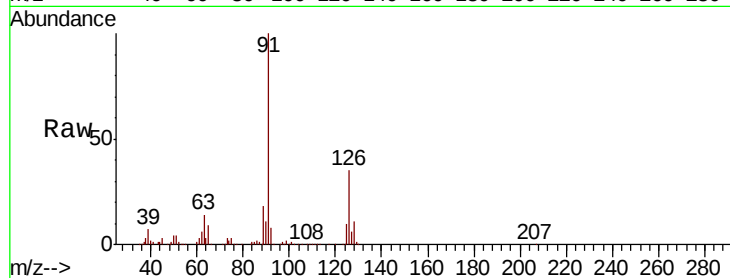
126 36.0 17.8 53.4

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Abundance Ion 91.00 (90.70 to 91.70): VD065532.D (-1862) (-)

Ion 125.90 (125.60 to 126.60): VD065532.D (-1862) (-)

1000000

800000

600000

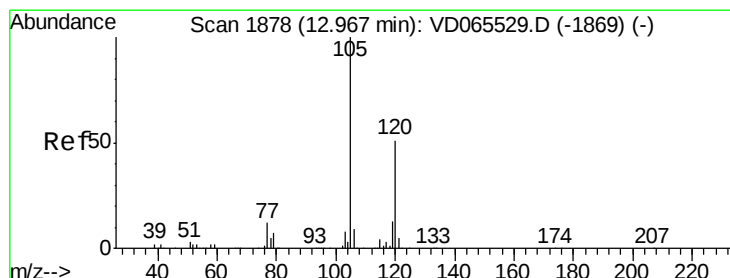
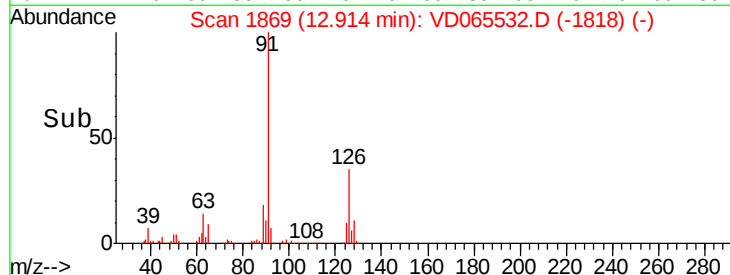
400000

200000

0

12.85 12.90 12.95

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 54.656 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VD065532.D

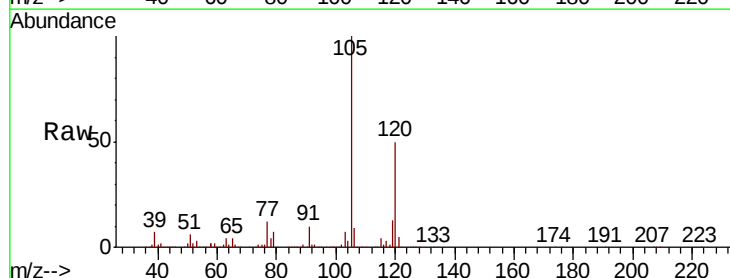
Acq: 26 Mar 2020 19:21

Tgt Ion:105 Resp: 975500

Ion Ratio Lower Upper

105 100

120 51.2 25.6 76.6



Abundance Ion 105.00 (104.70 to 105.70): VD065532.D (-1827) (-)

Ion 120.00 (119.70 to 120.70): VD065532.D (-1827) (-)

600000

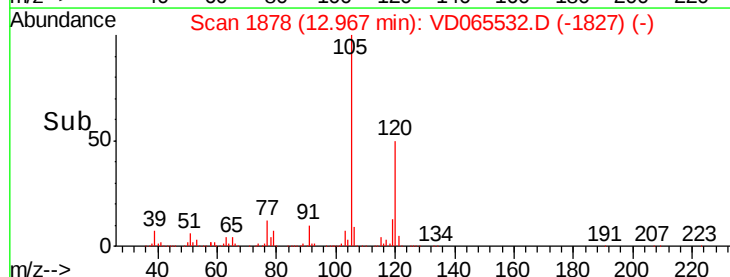
400000

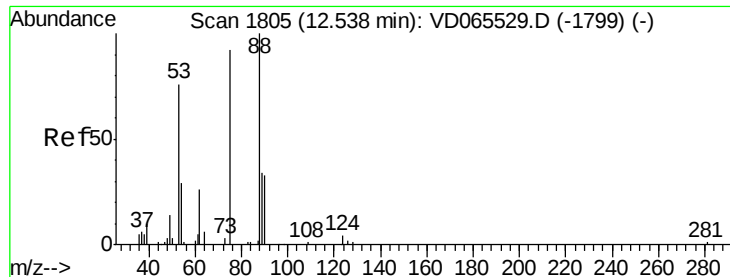
200000

0

12.90 12.95 13.00

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 52.728 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Instrument :

MSVOA_D

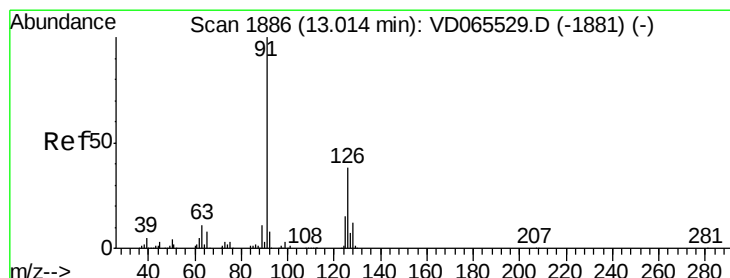
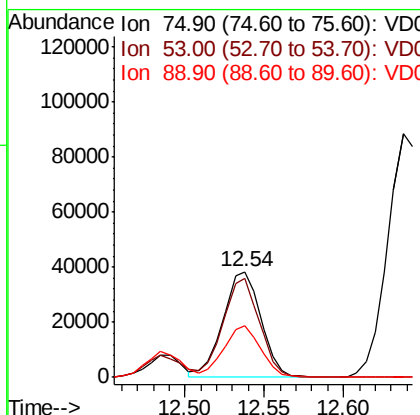
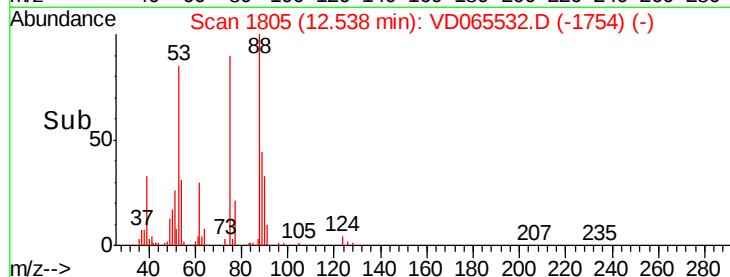
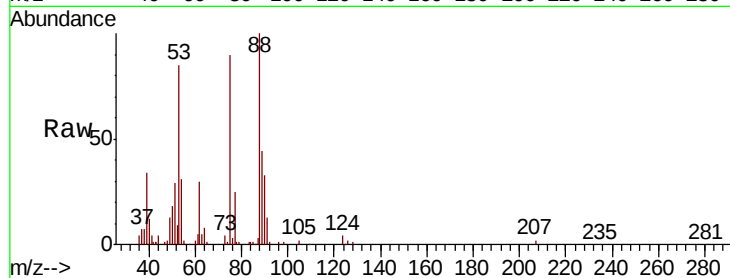
ClientSampleId :

ICVVD032620

Tot Ion:	75	Resp:	63687
Ion	Ratio	Lower	Upper
75	100		
53	89.9	72.4	108.6
89	47.3	36.9	55.3

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#82

4-Chlorotoluene

Concen: 52.510 ug/l

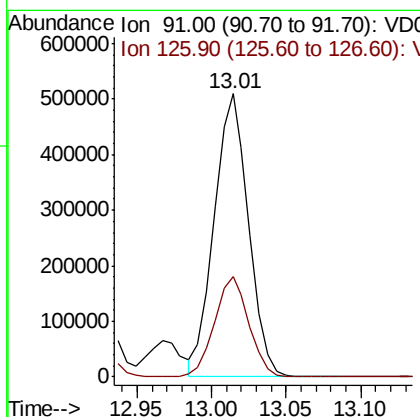
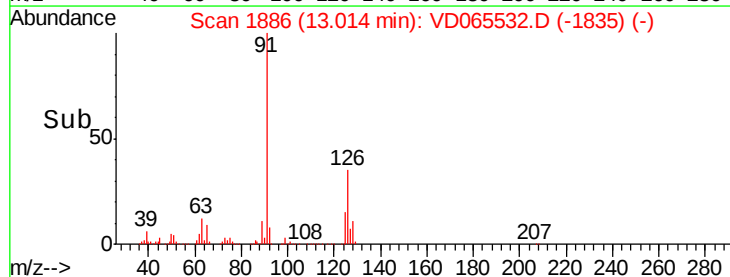
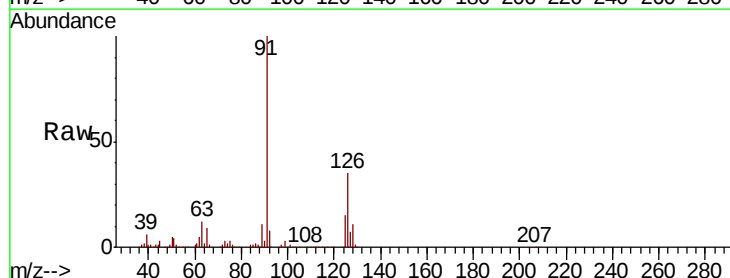
RT: 13.01 min Scan# 1886

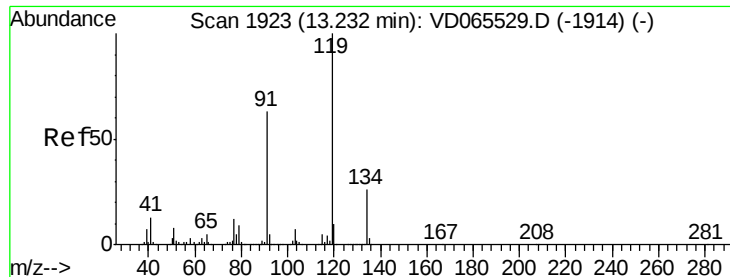
Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Tgt Ion:	91	Resp:	817140
Ion	Ratio	Lower	Upper
91	100		
126	35.5	17.9	53.7





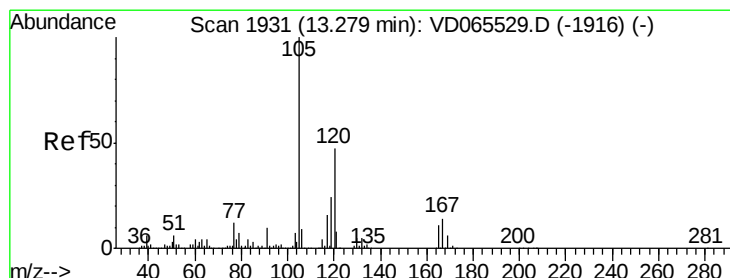
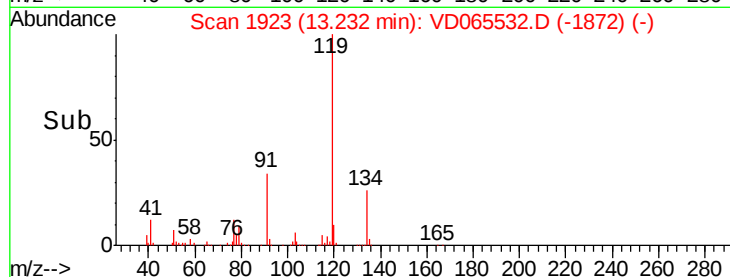
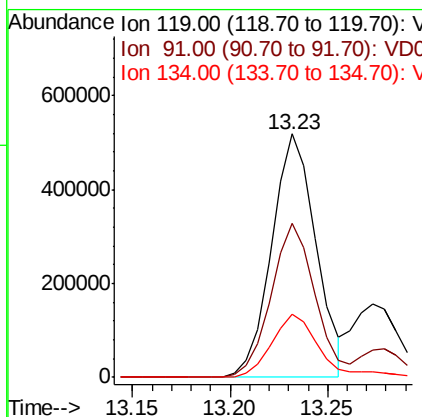
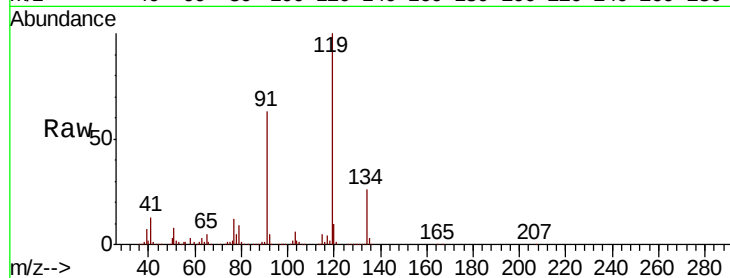
#83
tert-Butylbenzene
Concen: 54.497 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

Instrument :
MSVOA_D
ClientSampleId :
ICVVD032620

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.0	31.4	94.0
134	28.1	13.9	41.6

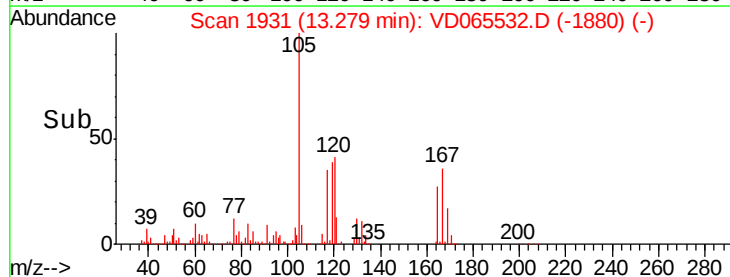
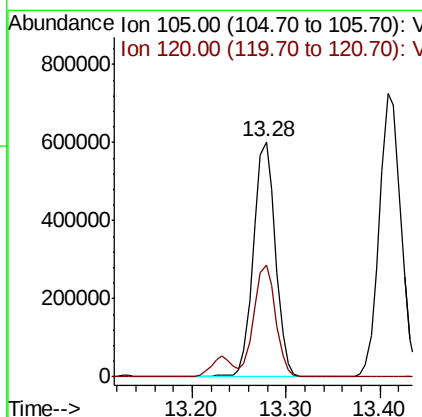
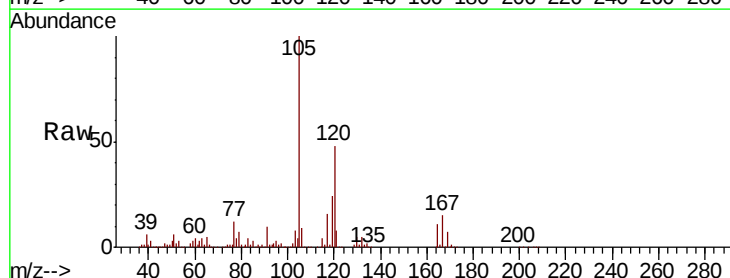
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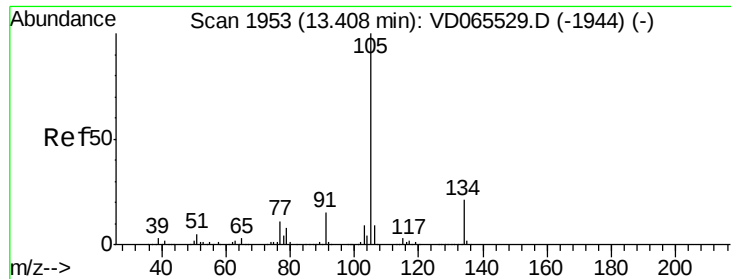
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#84
1,2,4-Trimethylbenzene
Concen: 54.652 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. -0.00 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.1	23.5	70.5





#85

sec-Butylbenzene

Concen: 53.852 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

ICVVD032620

Tot Ion:105 Resp: 1151969

Ion Ratio Lower Upper

105 100

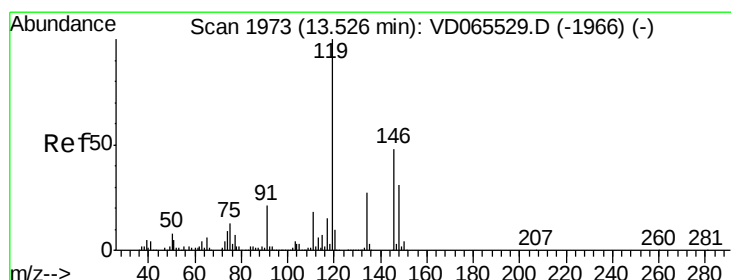
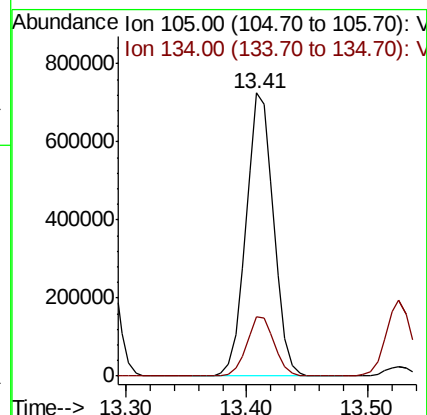
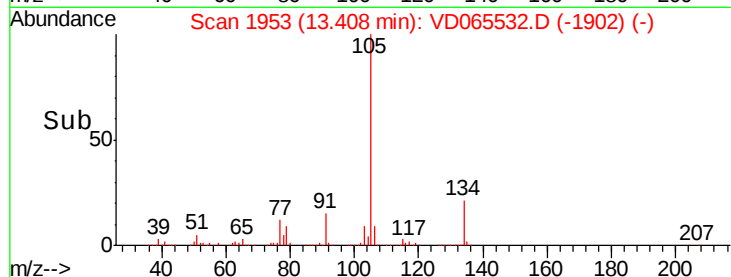
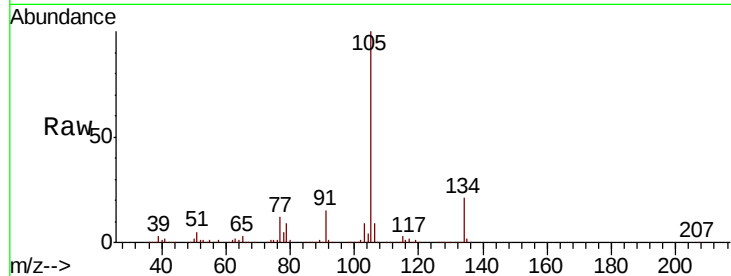
134 21.0 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 54.204 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

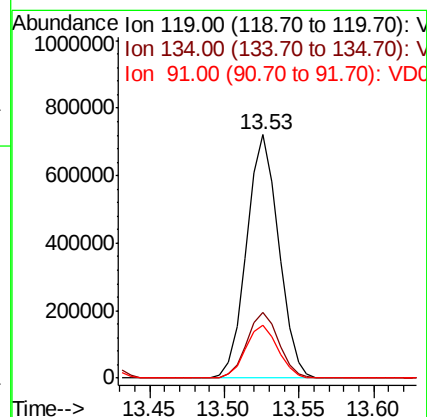
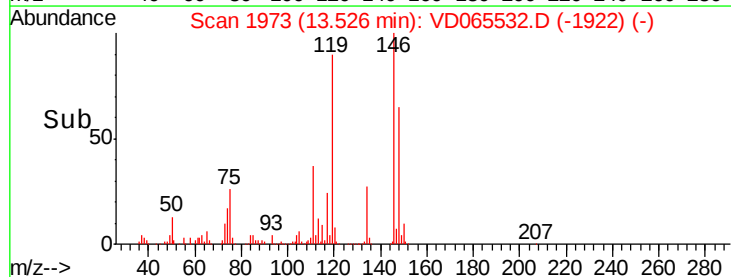
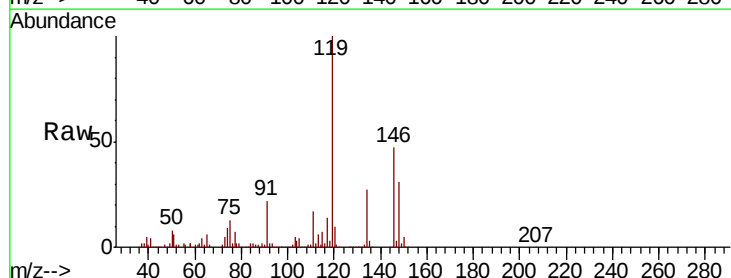
Tgt Ion:119 Resp: 1068512

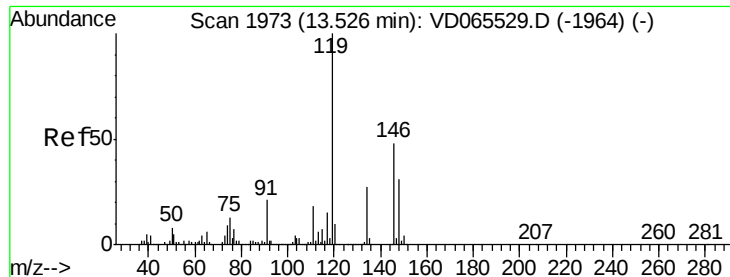
Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

91 21.9 10.8 32.3





#87

1,3-Dichlorobenzene

Concen: 51.426 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD065532.D

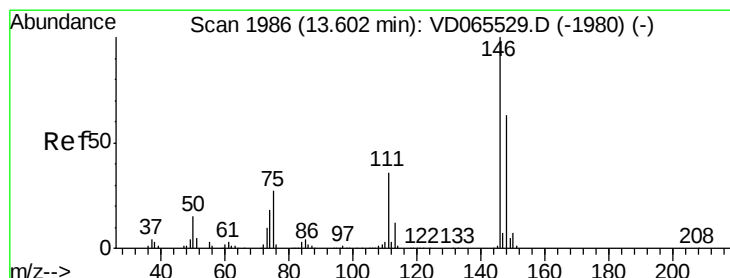
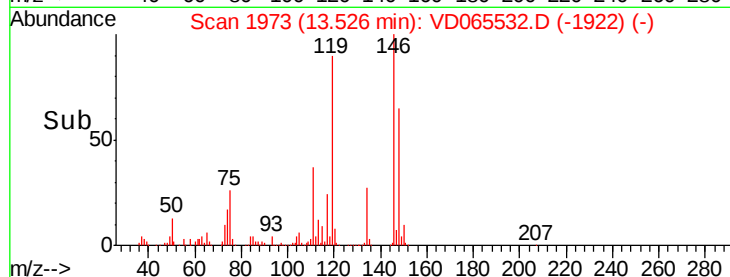
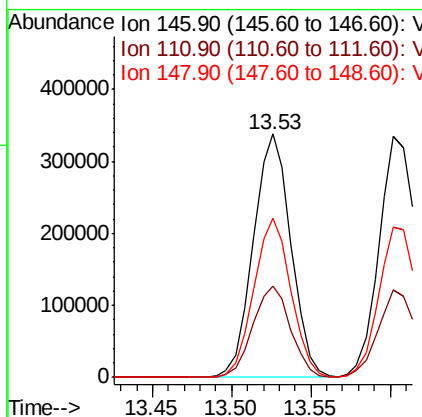
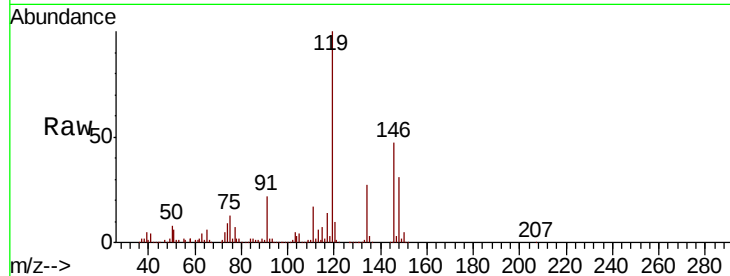
Acq: 26 Mar 2020 19:21

Instrument :
MSVOA_D
ClientSampleId :
ICVVD032620

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.5	55.5
148	64.7	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 50.679 ug/l

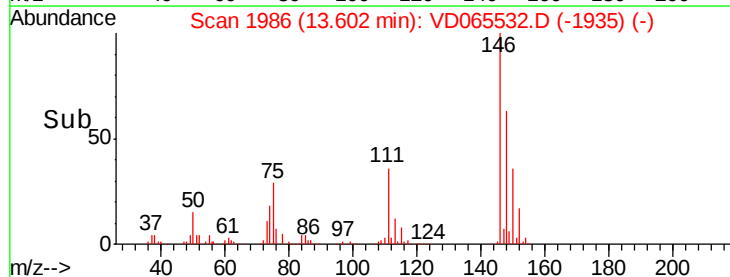
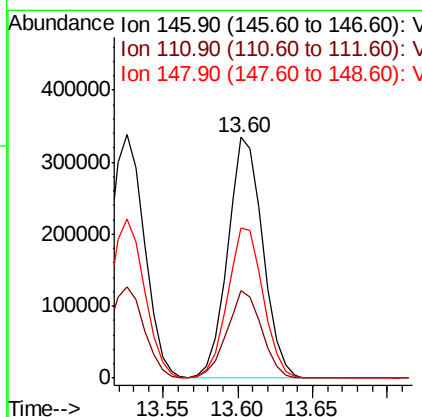
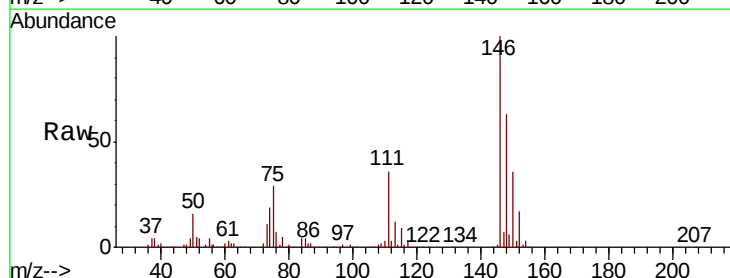
RT: 13.60 min Scan# 1986

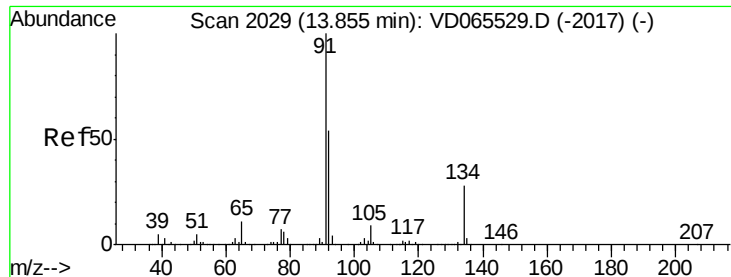
Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.0	54.0
148	63.4	31.6	94.8





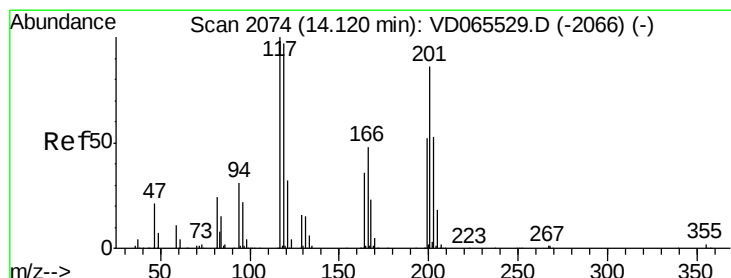
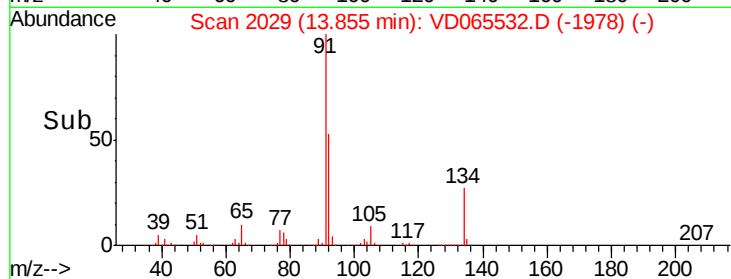
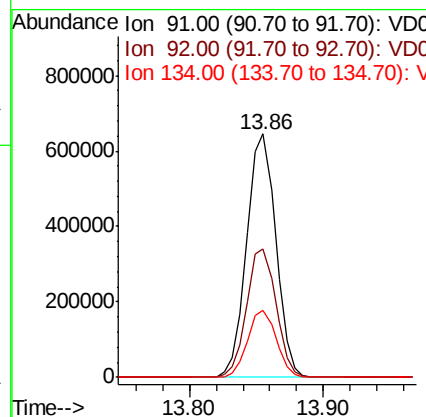
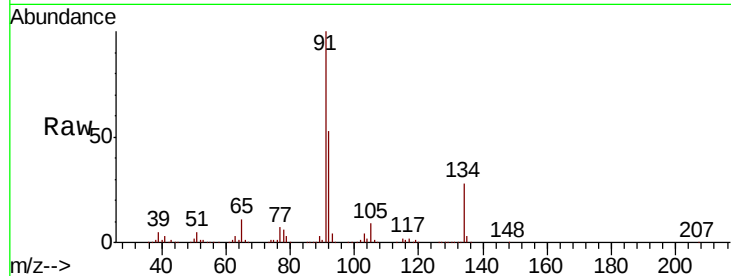
#89
n-Butylbenzene
Concen: 54.202 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. -0.00 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

Instrument :
MSVOA_D
ClientSampleId :
ICVVD032620

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.6	26.8	80.4	
134	27.3	13.7	41.0	

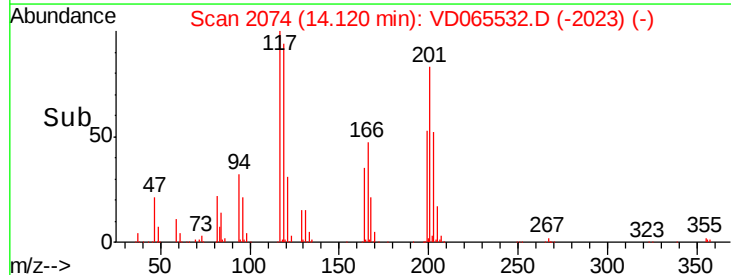
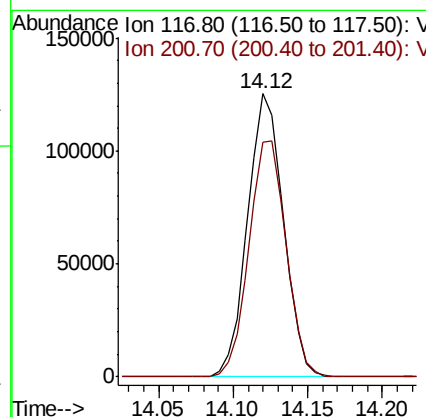
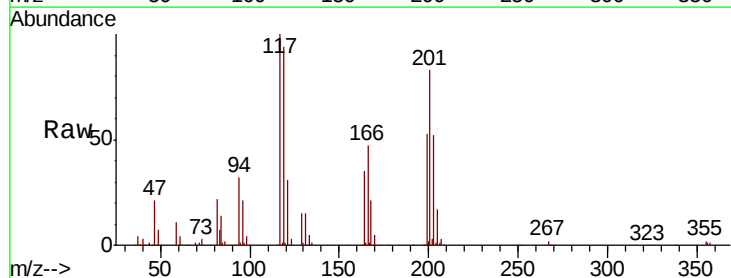
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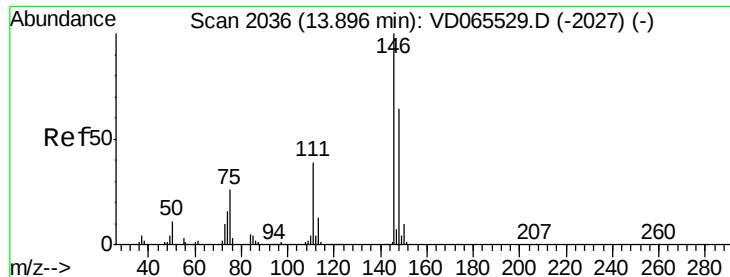
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#90
Hexachloroethane
Concen: 50.392 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	86.0	43.9	131.6	





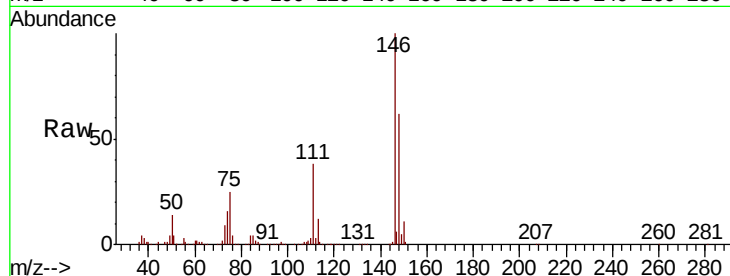
#91
 1,2-Dichlorobenzene
 Concen: 51.552 ug/l
 RT: 13.90 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VD065532.D
 Acq: 26 Mar 2020 19:21

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD032620

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.4	58.4
148	63.3	32.1	96.5

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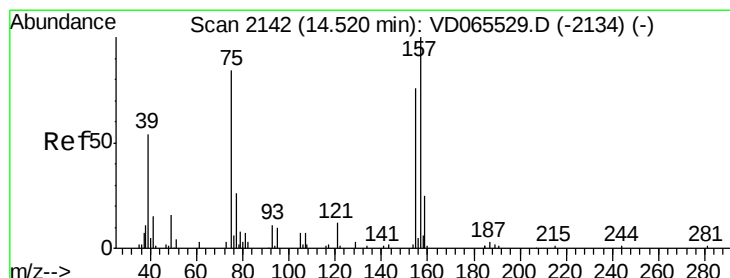
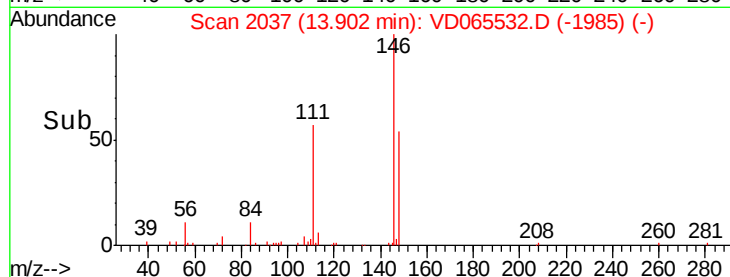
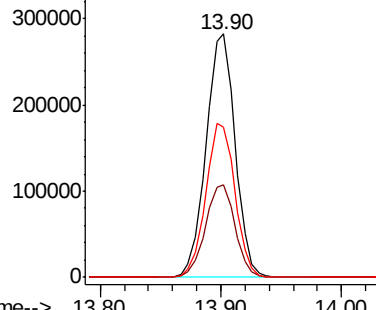


Abundance

Ion 145.90 (145.60 to 146.60): V

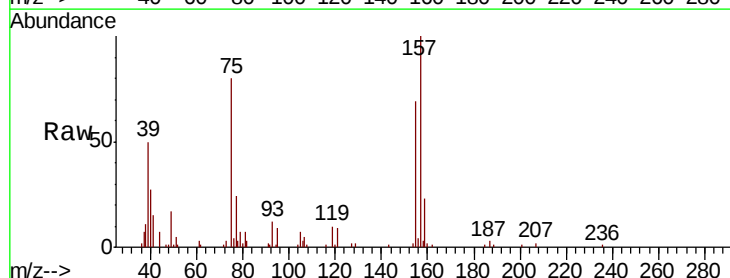
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.310 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VD065532.D
 Acq: 26 Mar 2020 19:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.4	46.2	138.6
157	122.2	57.9	173.7

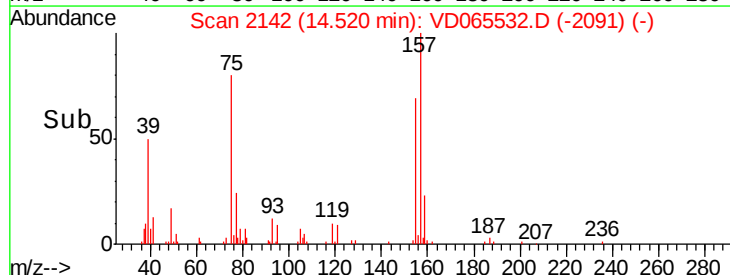
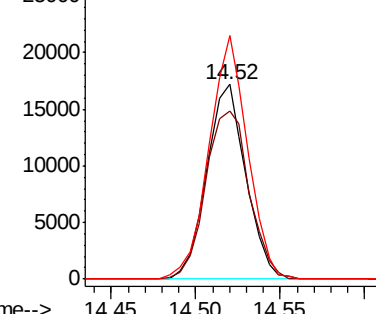


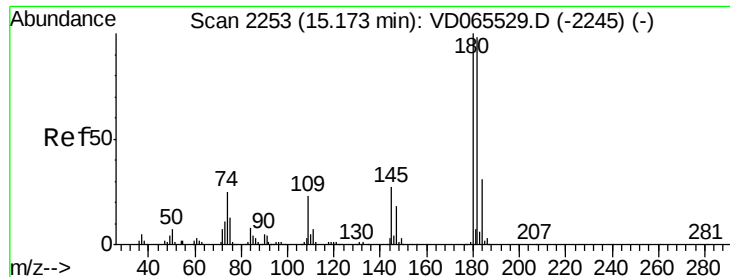
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





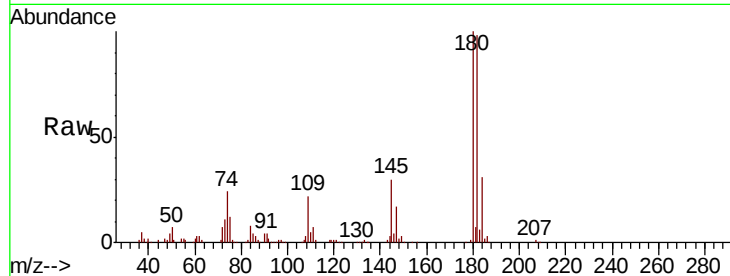
#93
 1,2,4-Trichlorobenzene
 Concen: 51.863 ug/l
 RT: 15.18 min Scan# 2254
 Delta R.T. 0.01 min
 Lab File: VD065532.D
 Acq: 26 Mar 2020 19:21

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD032620

Tot Ion	Ratio	Resp	Lower	Upper
180	100	329815		
182	97.2	48.1	144.3	
145	28.5	13.9	41.6	

Manual Integrations
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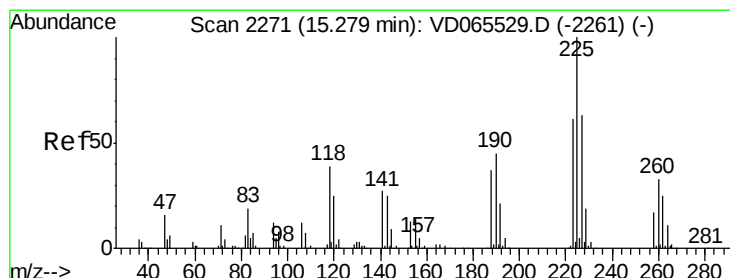
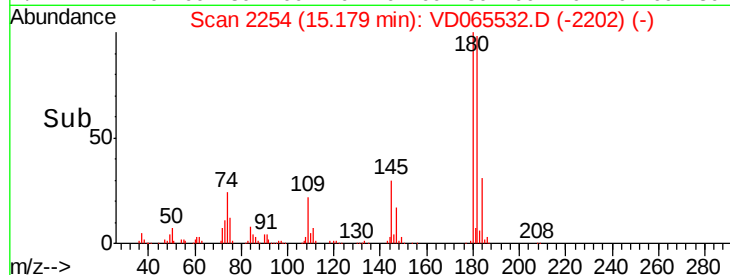
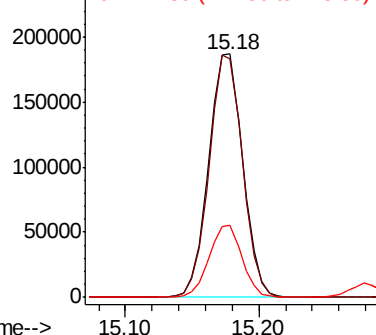


Abundance

Ion 179.80 (179.50 to 180.50): V

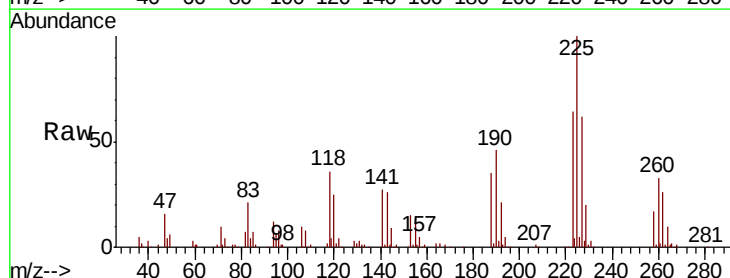
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 51.665 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VD065532.D
 Acq: 26 Mar 2020 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	214104		
223	60.5	31.2	93.6	
227	62.5	32.3	96.9	

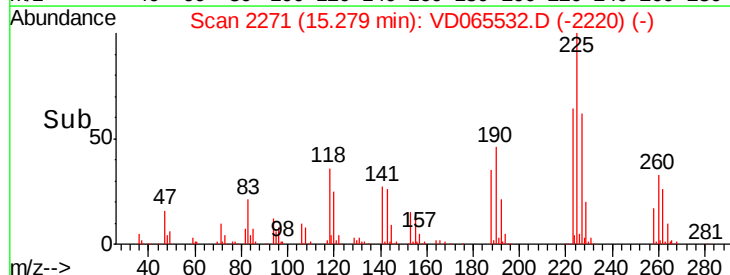
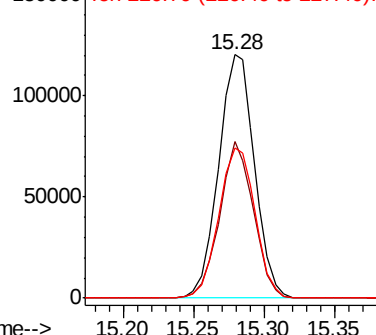


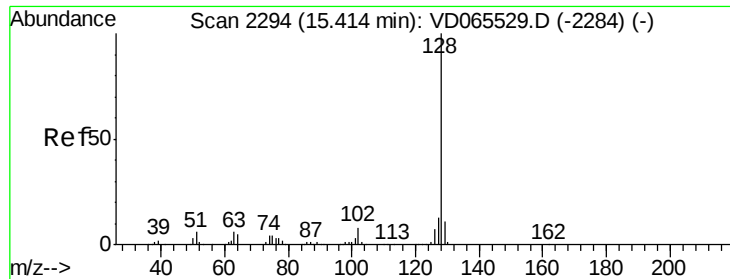
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





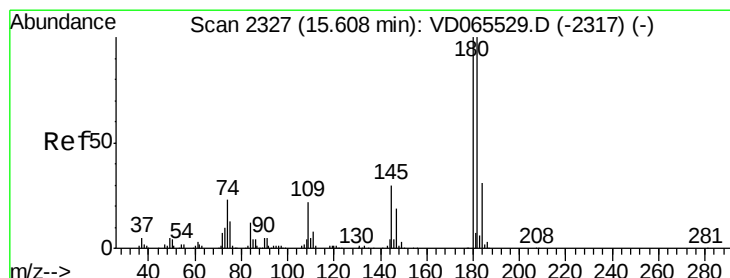
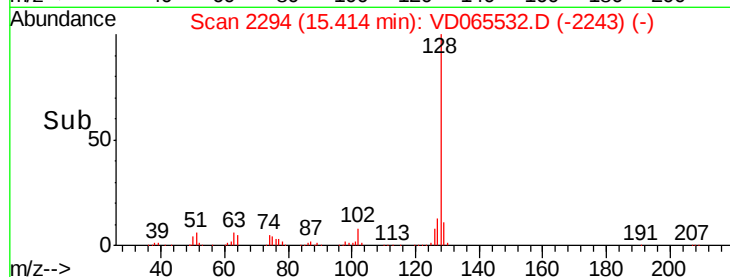
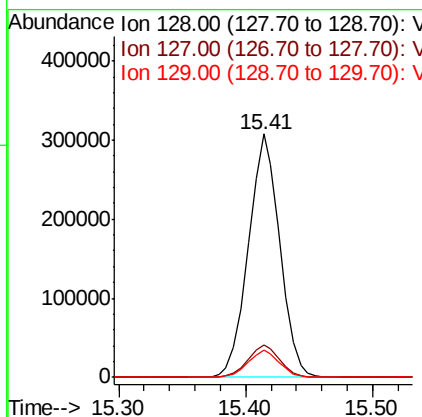
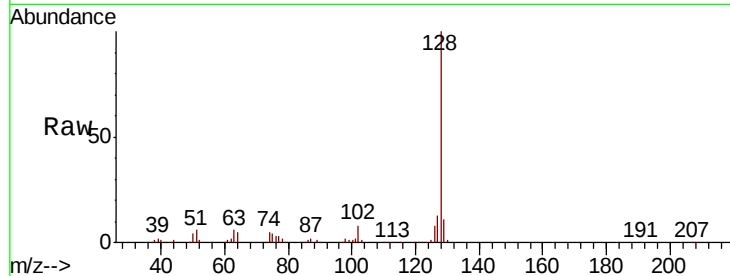
#95
Naphthalene
Concen: 48.969 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

Instrument :
MSVOA_D
ClientSampleId :
ICVVD032620

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	11.0	8.7	13.1

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#96
1,2,3-Trichlorobenzene
Concen: 52.769 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. -0.00 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	48.1	144.3
145	29.7	15.0	45.0

