

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032620\
 Data File : VD065529.D
 Acq On : 26 Mar 2020 17:02
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

apatel
 3/27/2020 10:12:22 AM

Quant Time: Mar 27 01:27:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 01:12:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	542923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	766930	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	700166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	356728	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	215430	46.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.18%	
35) Dibromofluoromethane	7.92	113	230923	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
50) Toluene-d8	10.34	98	904560	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
62) 4-Bromofluorobenzene	12.64	95	287946	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	139525	31.594	ug/l	100
3) Chloromethane	2.21	50	203686	37.327	ug/l	100
4) Vinyl Chloride	2.35	62	220519	40.830	ug/l	100
5) Bromomethane	2.77	94	156380	44.372	ug/l	100
6) Chloroethane	2.93	64	146032	43.750	ug/l	100
7) Trichlorofluoromethane	3.27	101	337212	42.083	ug/l	100
8) Diethyl Ether	3.71	74	109776	45.490	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	226210	43.523	ug/l	100
10) Methyl Iodide	4.30	142	292794	53.601	ug/l	100
11) Tert butyl alcohol	5.24	59	59194	223.095	ug/l	100
12) 1,1-Dichloroethene	4.06	96	214548	43.239	ug/l	100
13) Acrolein	3.93	56	110547	237.681	ug/l	100
14) Allyl chloride	4.71	41	334747	44.054	ug/l	100
15) Acrylonitrile	5.43	53	230446	220.807	ug/l	100
16) Acetone	4.16	43	195766	210.634	ug/l	100
17) Carbon Disulfide	4.40	76	709892	43.123	ug/l	100
18) Methyl Acetate	4.73	43	103523	43.773	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	458584	47.685	ug/l	100
20) Methylene Chloride	4.96	84	249735	43.106	ug/l	100
21) trans-1,2-Dichloroethene	5.47	96	251111	45.400	ug/l	100
22) Diisopropyl ether	6.37	45	683079	47.956	ug/l	100
23) Vinyl Acetate	6.31	43	1913447	242.328	ug/l	100
24) 1,1-Dichloroethane	6.27	63	407229	44.742	ug/l	100
25) 2-Butanone	7.22	43	280943	221.540	ug/l	100
26) 2,2-Dichloropropane	7.21	77	365015	45.633	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	263625	46.545	ug/l	100
28) Bromochloromethane	7.56	49	173266	47.079	ug/l	100
29) Tetrahydrofuran	7.57	42	185936	229.644	ug/l	100
30) Chloroform	7.71	83	421499	46.138	ug/l	100
31) Cyclohexane	7.99	56	387241	42.720	ug/l	100
32) 1,1,1-Trichloroethane	7.91	97	383693	45.520	ug/l	100
36) 1,1-Dichloropropene	8.11	75	340321	46.985	ug/l	100
37) Ethyl Acetate	7.30	43	130183	46.216	ug/l	100
38) Carbon Tetrachloride	8.10	117	352942	46.840	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	415210	47.673	ug/l	100
40) Benzene	8.36	78	967492	47.679	ug/l	100
41) Methacrylonitrile	7.53	41	71948	47.165	ug/l	100
42) 1,2-Dichloroethane	8.43	62	253411	47.517	ug/l	100
43) Isopropyl Acetate	8.46	43	243319	46.918	ug/l	100
44) Trichloroethene	9.11	130	275591	47.970	ug/l	100
45) 1,2-Dichloropropane	9.39	63	234732	47.667	ug/l	100
46) Dibromomethane	9.48	93	123342	48.217	ug/l	100
47) Bromodichloromethane	9.67	83	320902	48.204	ug/l	100
48) Methyl methacrylate	9.46	41	117158	47.849	ug/l	100
49) 1,4-Dioxane	9.47	88	29272	993.874	ug/l	100
51) 4-Methyl-2-Pentanone	10.23	43	637988	243.659	ug/l	100
52) Toluene	10.41	92	627997	49.038	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	305294	49.023	ug/l	100
54) cis-1,3-Dichloropropene	10.10	75	371830	49.373	ug/l	100
55) 1,1,2-Trichloroethane	10.81	97	175728	48.233	ug/l	100
56) Ethyl methacrylate	10.67	69	209392	51.048	ug/l	100
57) 1,3-Dichloropropane	10.95	76	299124	48.577	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.95	63	548812	366.086	ug/l	100
59) 2-Hexanone	10.99	43	440619	243.778	ug/l	100
60) Dibromochloromethane	11.14	129	230861	49.337	ug/l	100
61) 1,2-Dibromoethane	11.25	107	171617	49.201	ug/l	100
64) Tetrachloroethene	10.88	164	242919	48.717	ug/l	100
65) Chlorobenzene	11.68	112	663482	48.246	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	249048	49.445	ug/l	100
67) Ethyl Benzene	11.75	91	1179250	49.809	ug/l	100
68) m/p-Xylenes	11.86	106	922325	100.942	ug/l	100
69) o-Xylene	12.18	106	409470	50.919	ug/l	100
70) Styrene	12.20	104	733324	51.638	ug/l	100
71) Bromoform	12.37	173	138317	48.779	ug/l	# 100
73) Isopropylbenzene	12.48	105	1120544	48.749	ug/l	100
74) N-amyl acetate	12.30	43	220279	46.755	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.74	83	183437	45.170	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	144497m	50.945	ug/l	
77) Bromobenzene	12.77	156	279136	48.383	ug/l	100
78) n-propylbenzene	12.83	91	1348813	49.281	ug/l	100
79) 2-Chlorotoluene	12.91	91	746058	48.264	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	928458	49.091	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	61313	46.605	ug/l	100
82) 4-Chlorotoluene	13.01	91	781031	48.124	ug/l	100
83) tert-Butylbenzene	13.23	119	780033	48.642	ug/l	100
84) 1,2,4-Trimethylbenzene	13.28	105	932930	49.915	ug/l	100
85) sec-Butylbenzene	13.41	105	1104030	48.426	ug/l	100
86) p-Isopropyltoluene	13.53	119	1027907	49.352	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	532220	47.965	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	526734	47.685	ug/l	100
89) n-Butylbenzene	13.86	91	923645	48.172	ug/l	100
90) Hexachloroethane	14.12	117	198317	46.198	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	449724	47.622	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.52	75	28077	45.239	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	314129	48.994	ug/l	100
94) Hexachlorobutadiene	15.28	225	197634	47.210	ug/l	100
95) Naphthalene	15.41	128	502802	49.204	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	273252	49.333	ug/l	100

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

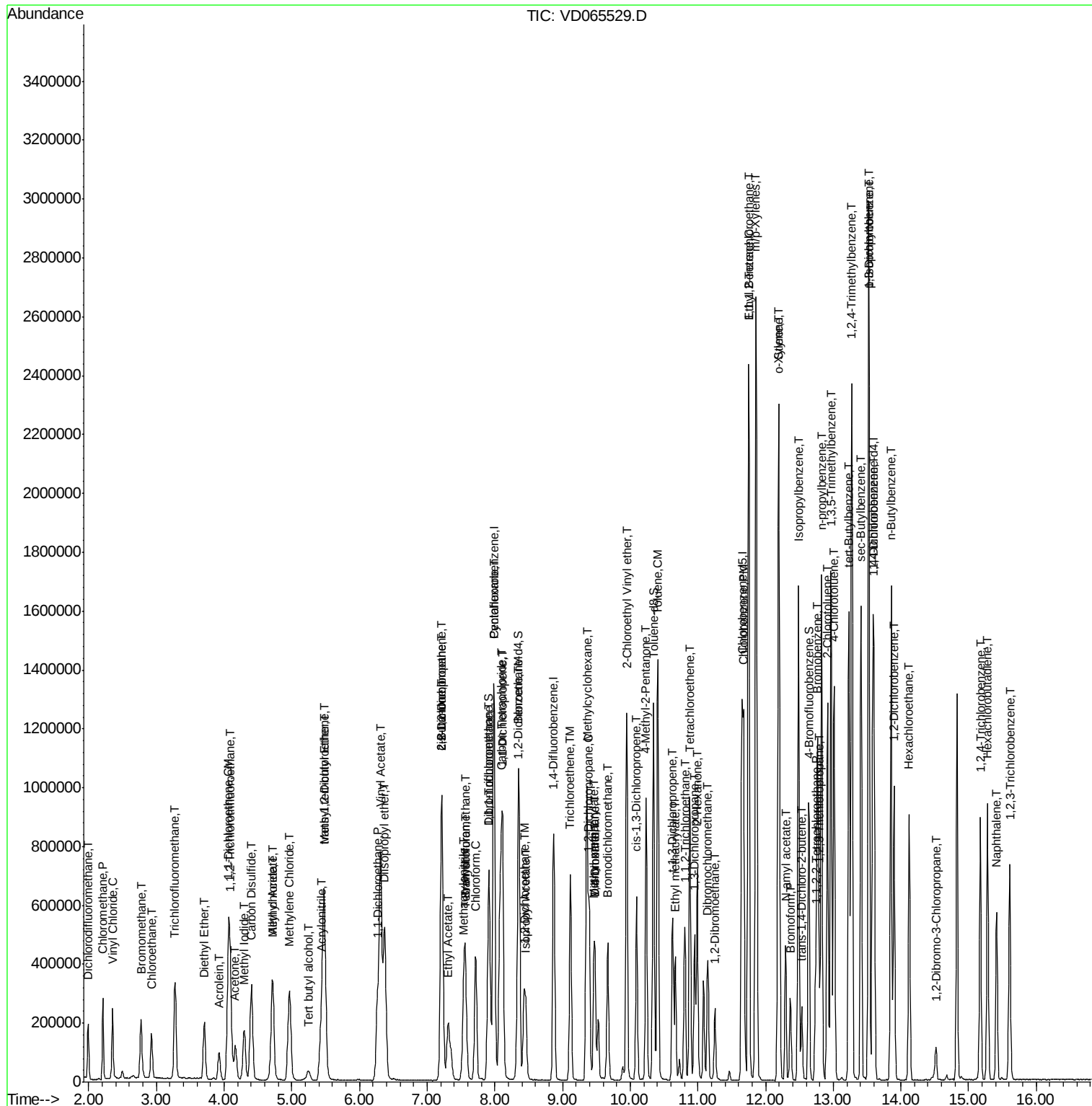
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032620\
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 Operator : VA/SY
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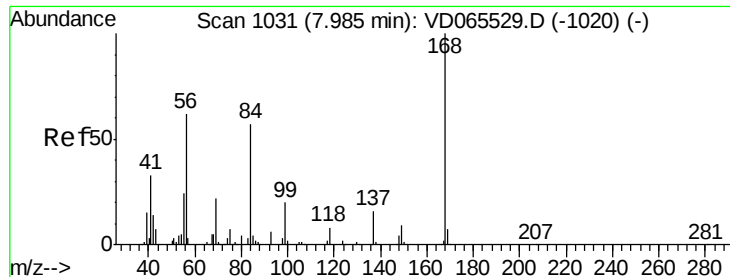
Instrument :
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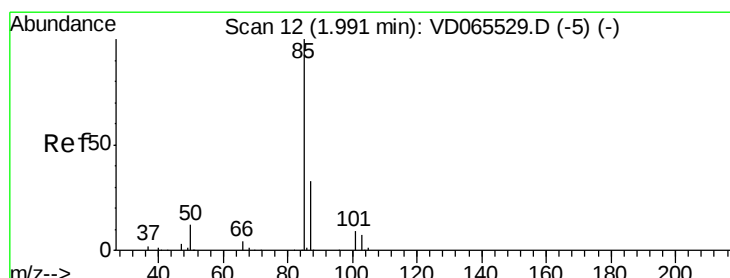
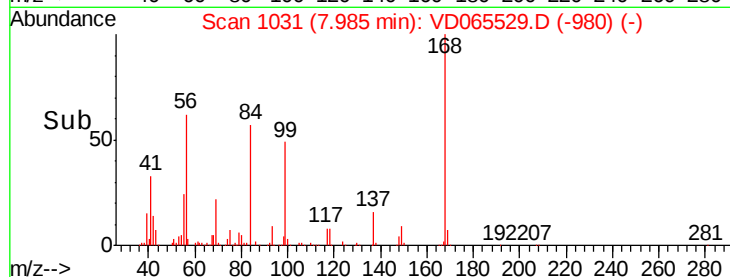
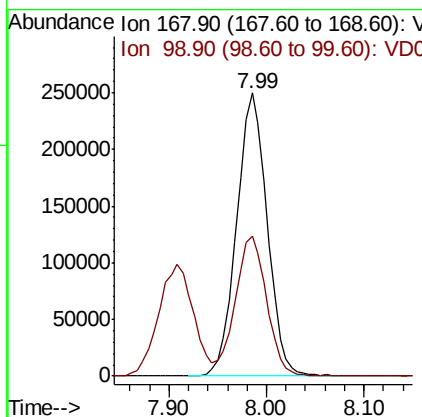
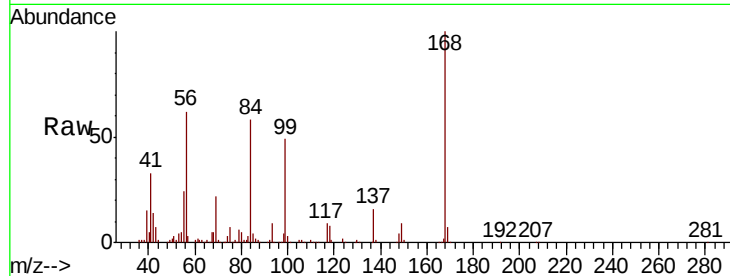
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.9	39.1	58.7

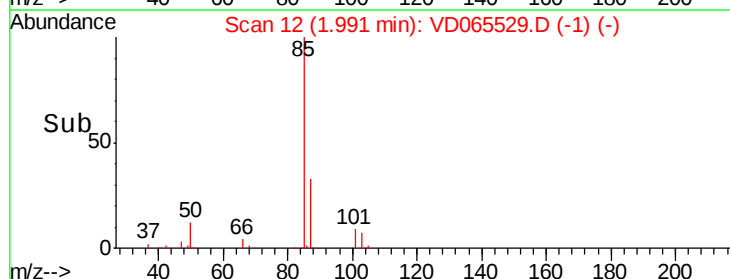
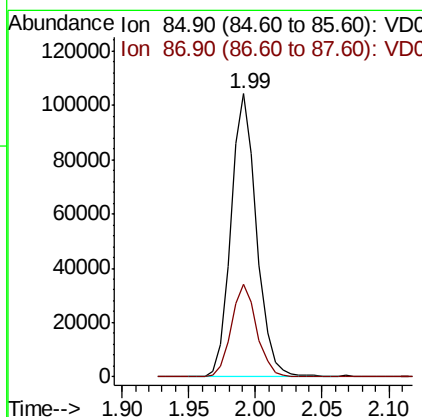
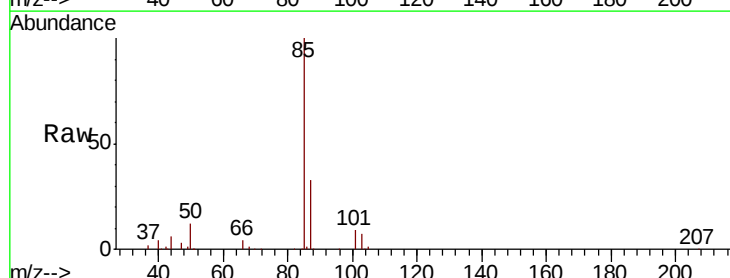
Manual Integrations
APPROVED

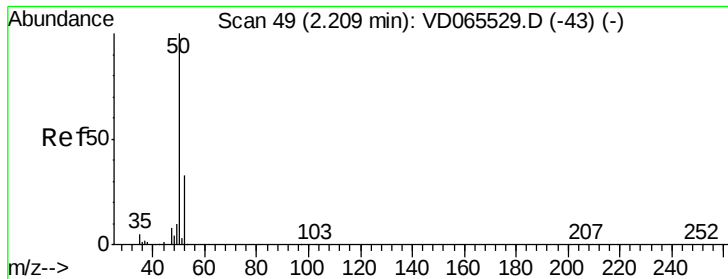
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#2
Dichlorodifluoromethane
Concen: 31.594 ug/l
RT: 1.99 min Scan# 12
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.8	16.4	49.2





#3

Chloromethane

Concen: 37.327 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 203686

Ion Ratio Lower Upper

50 100

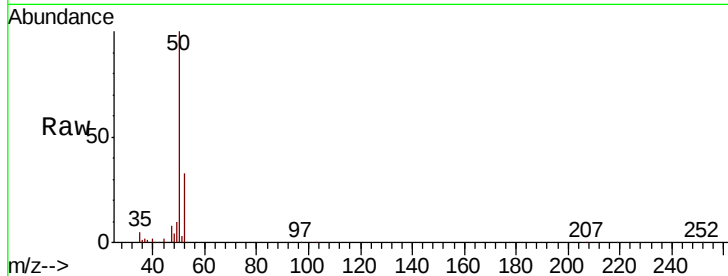
52 32.9 26.3 39.5

Manual Integrations

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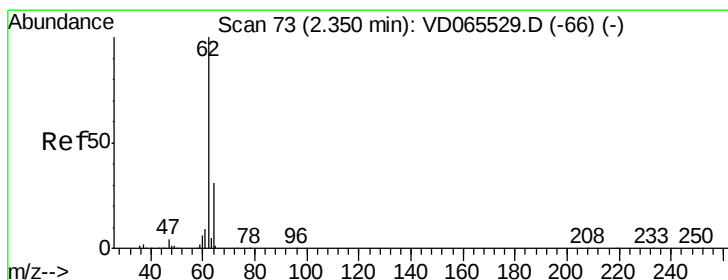
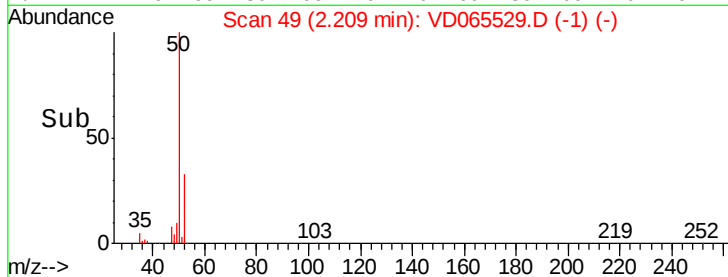
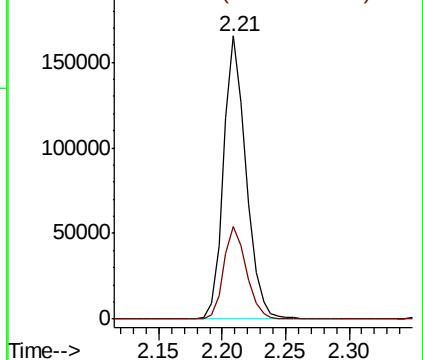
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 40.830 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD065529.D

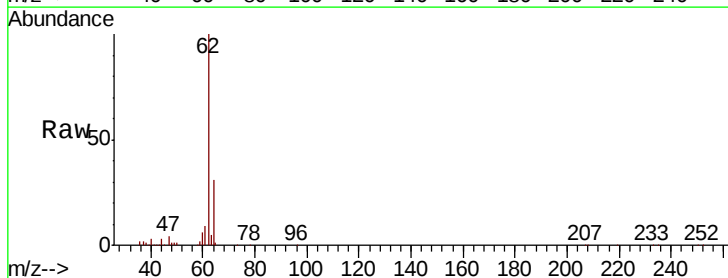
Acq: 26 Mar 2020 17:02

Tgt Ion: 62 Resp: 220519

Ion Ratio Lower Upper

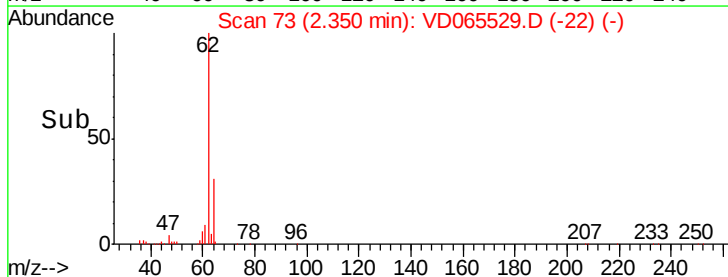
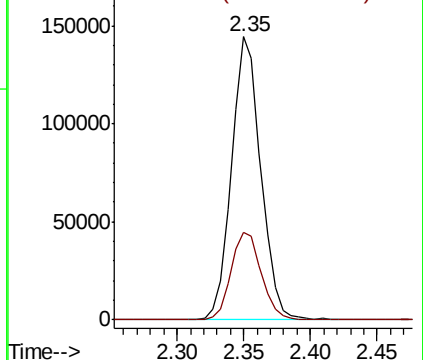
62 100

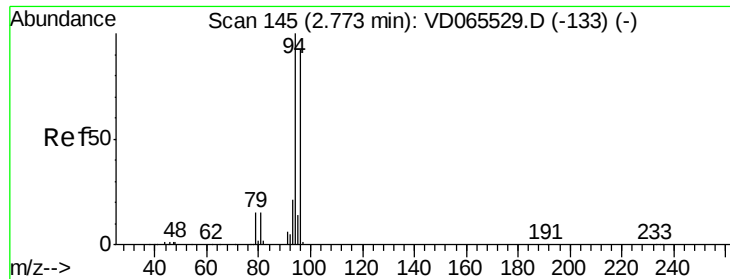
64 31.0 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 44.372 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 156380

Ion Ratio Lower Upper

94 100

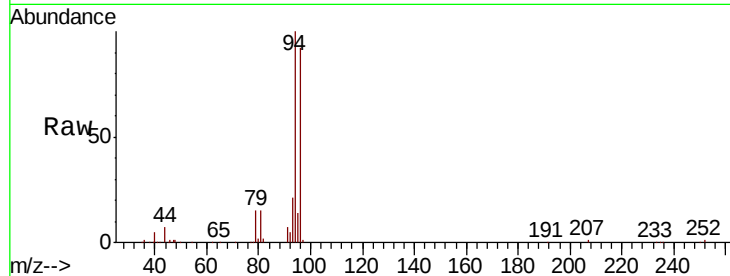
96 91.8 73.4 110.2

Manual Integrations

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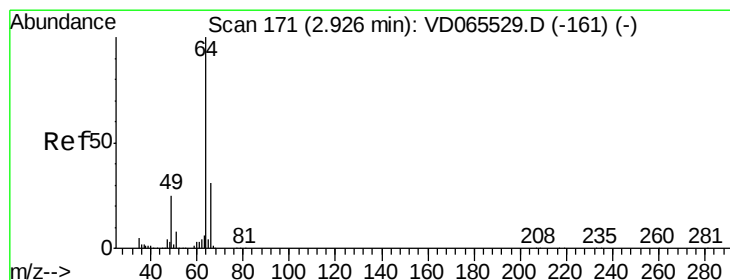
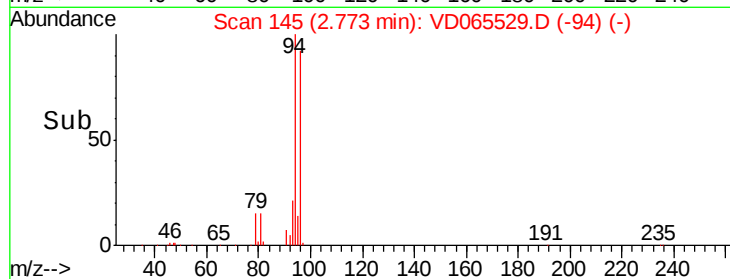
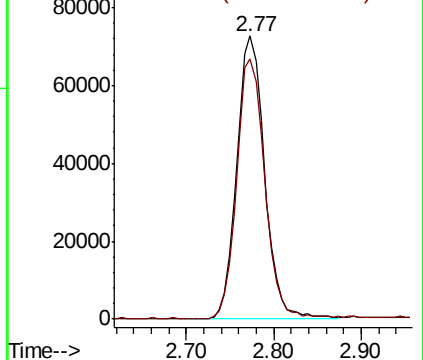
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 43.750 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.00 min

Lab File: VD065529.D

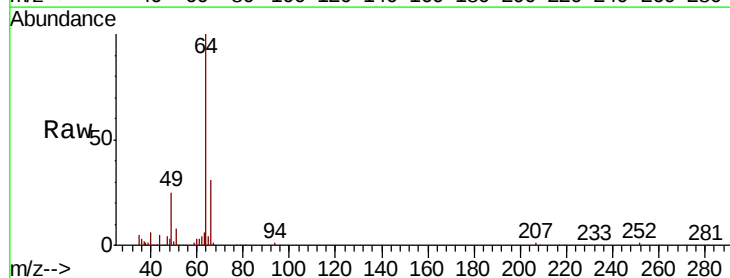
Acq: 26 Mar 2020 17:02

Tgt Ion: 64 Resp: 146032

Ion Ratio Lower Upper

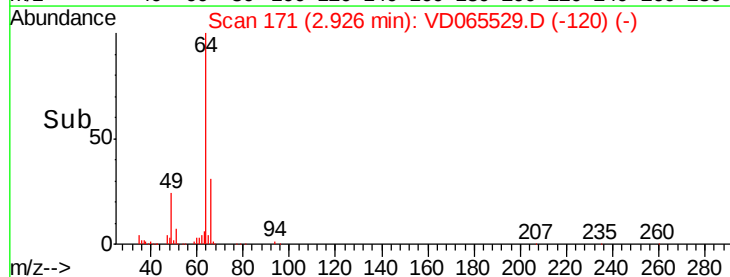
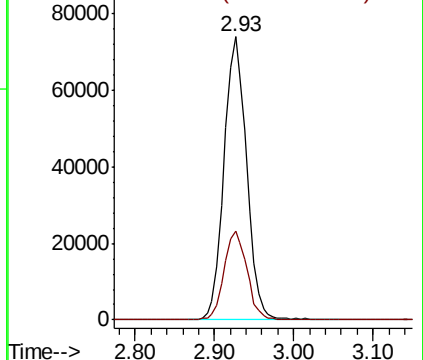
64 100

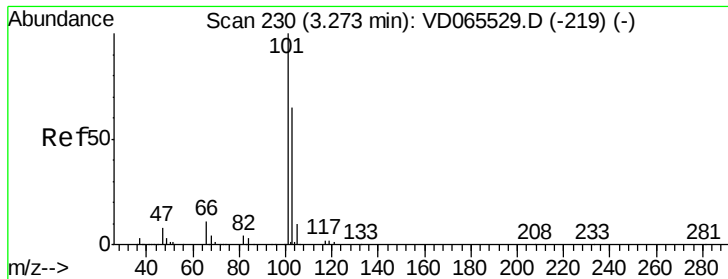
66 31.3 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

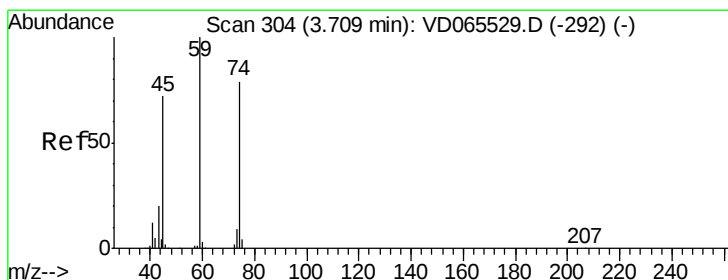
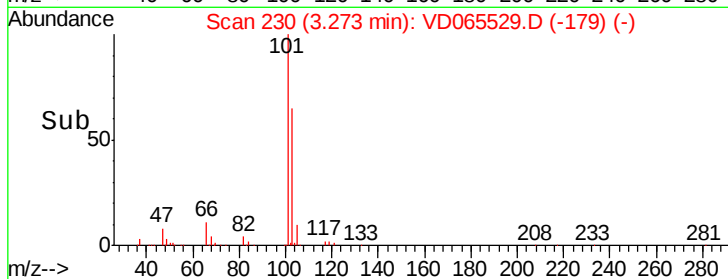
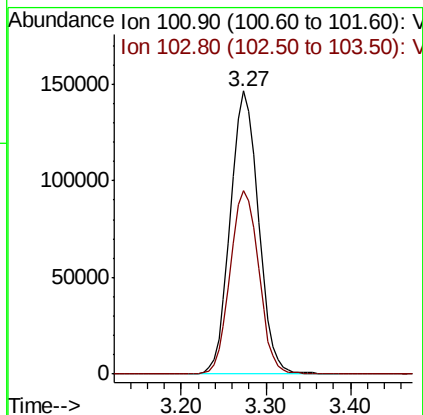
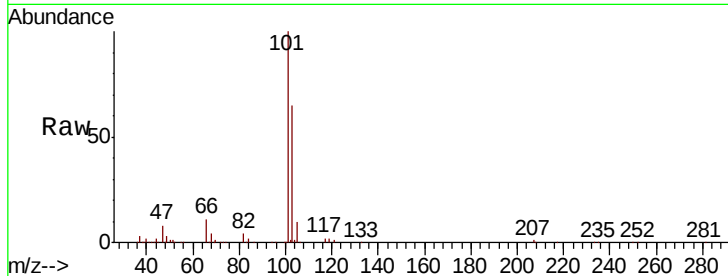
Trichlorofluoromethane
Concen: 42.083 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Instrument :
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ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	51.9	77.9

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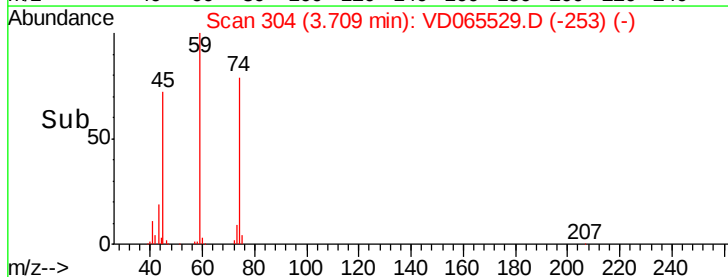
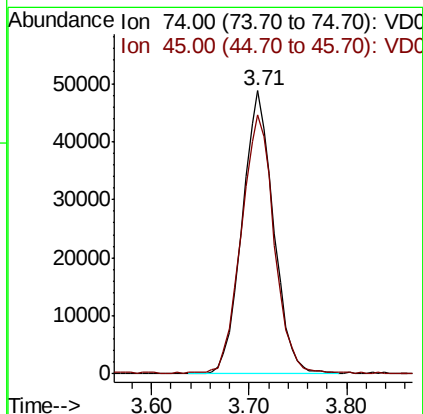
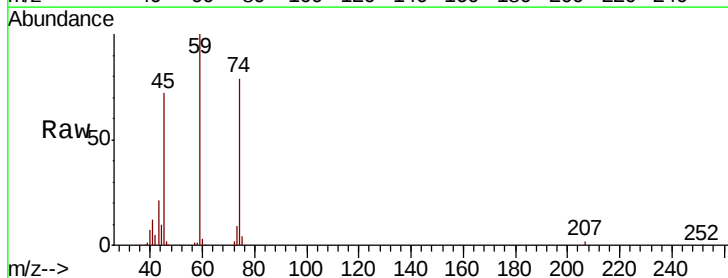
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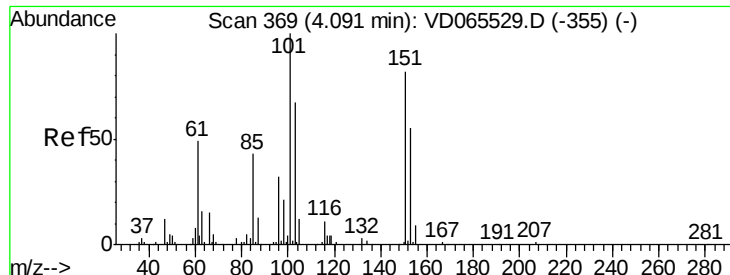


#8

Diethyl Ether
Concen: 45.490 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.4	48.2	144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.523 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

Instrument :

MSVOA_D

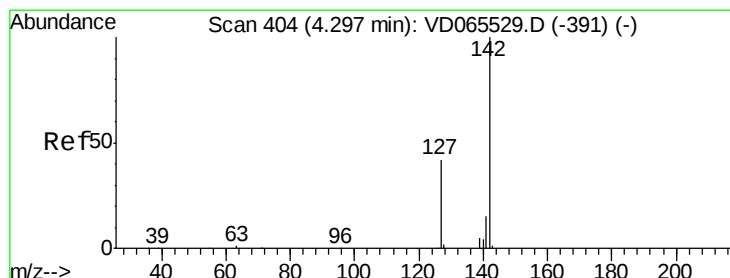
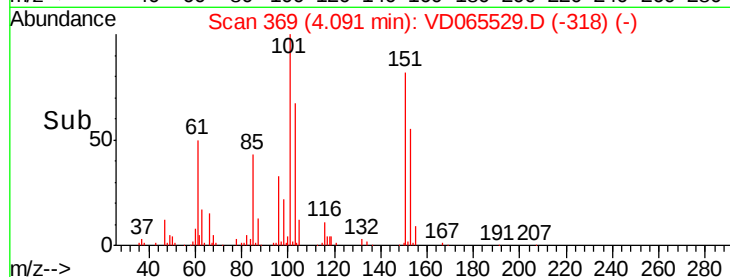
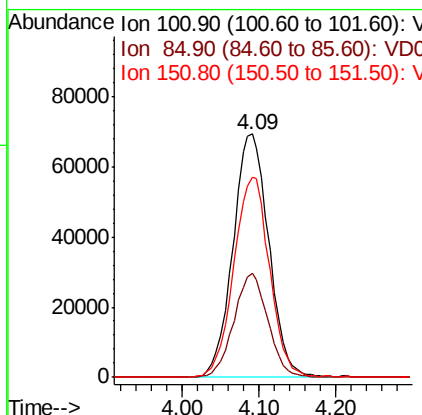
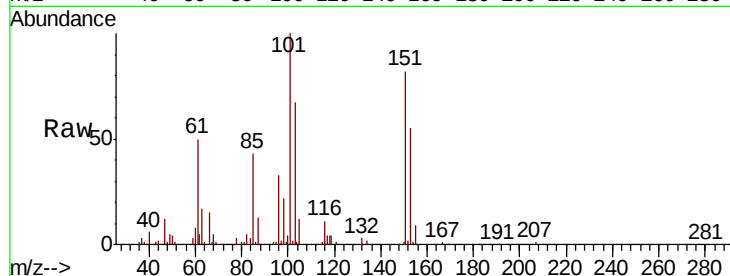
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	226210
Ion Ratio	Lower	Upper	
101	100		
85	40.7	32.6	48.8
151	81.9	65.5	98.3

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#10

Methyl Iodide

Concen: 53.601 ug/l

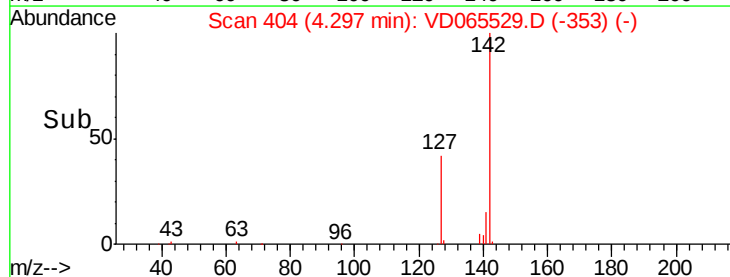
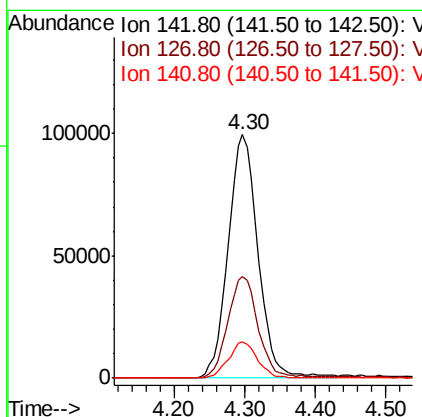
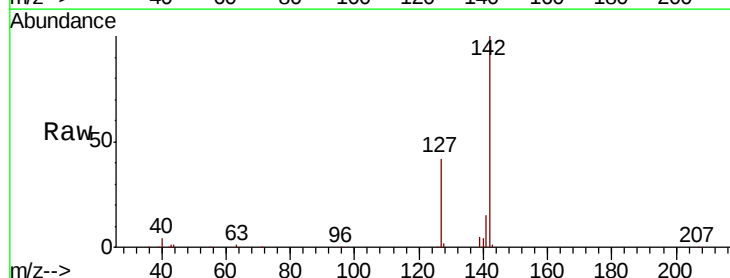
RT: 4.30 min Scan# 404

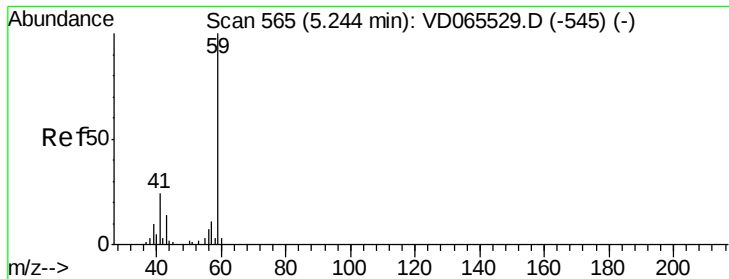
Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

Tgt Ion:	142	Resp:	292794
Ion Ratio	Lower	Upper	
142	100		
127	42.4	33.9	50.9
141	14.5	11.6	17.4





#11

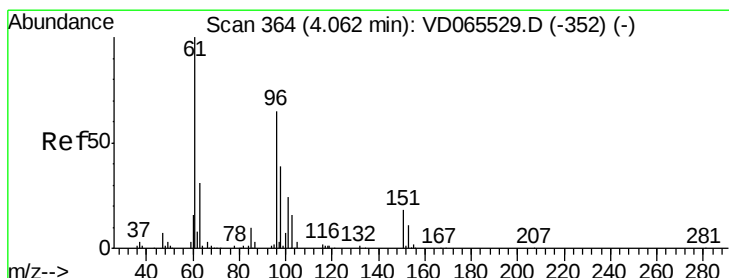
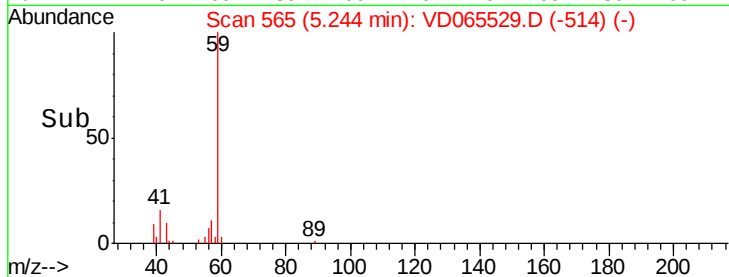
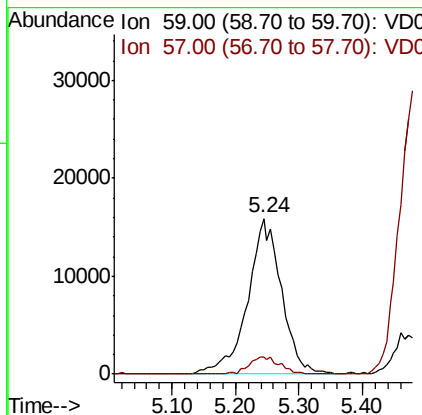
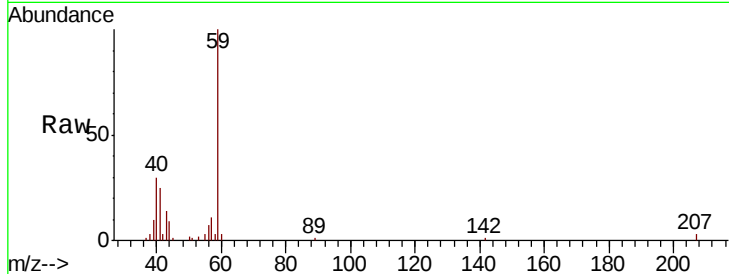
Tert butyl alcohol
Concen: 223.095 ug/l
RT: 5.24 min Scan# 565
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	59	Resp	59194
Ion Ratio	100	Lower	Upper
57	10.1	8.1	12.1

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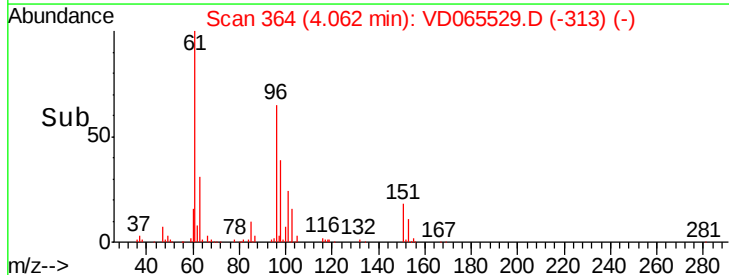
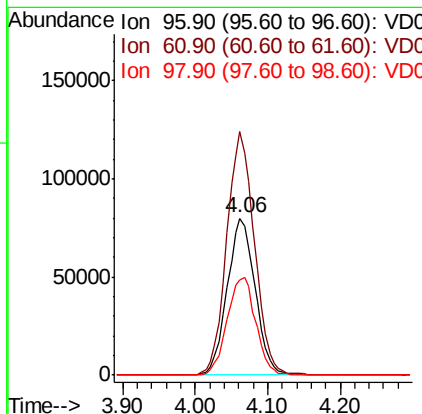
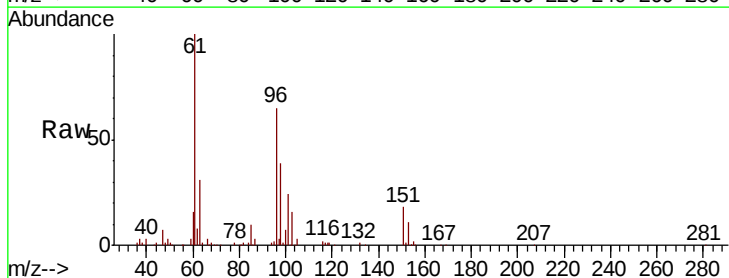
apatel
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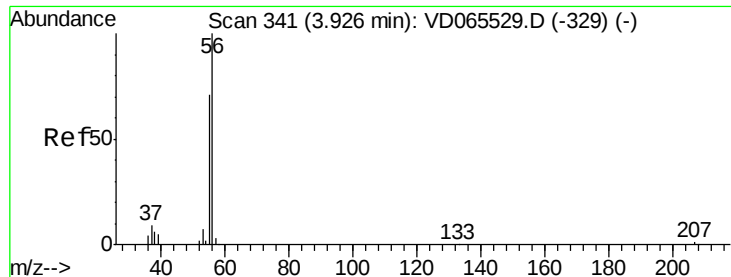


#12

1,1-Dichloroethene
Concen: 43.239 ug/l
RT: 4.06 min Scan# 364
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Tgt Ion	96	Resp	214548
Ion Ratio	100	Lower	Upper
61	155.0	124.0	186.0
98	60.3	48.2	72.4





#13

Acrolein

Concen: 237.681 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 110547

Ion Ratio Lower Upper

56 100

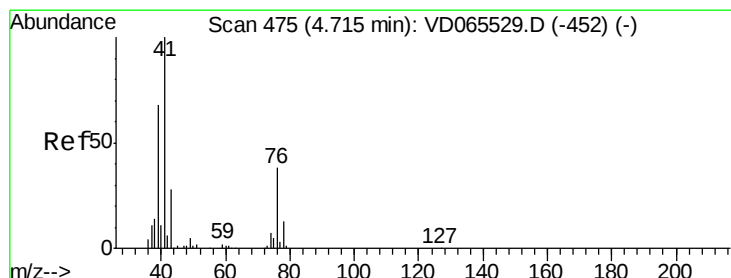
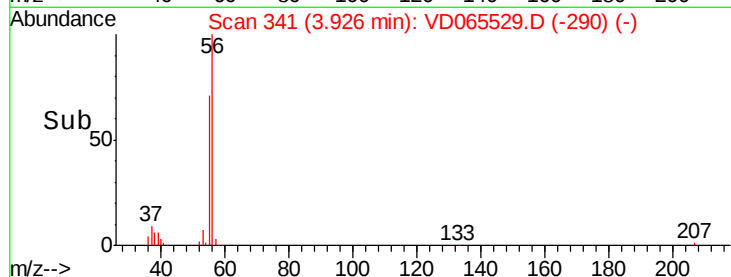
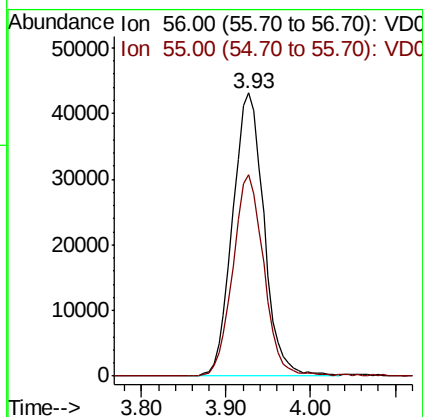
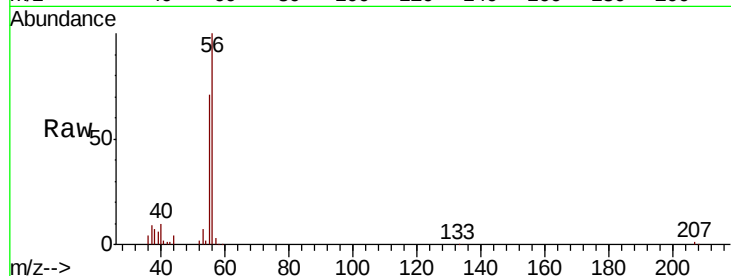
55 70.2 56.2 84.2

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#14

Allyl chloride

Concen: 44.054 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

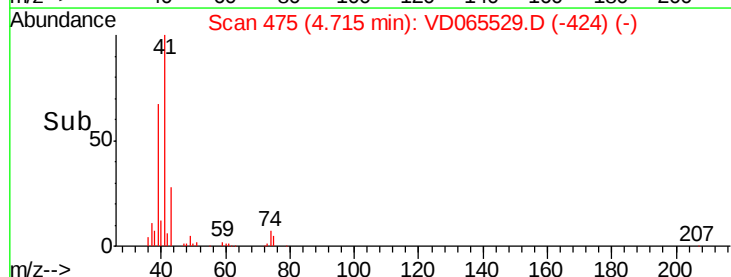
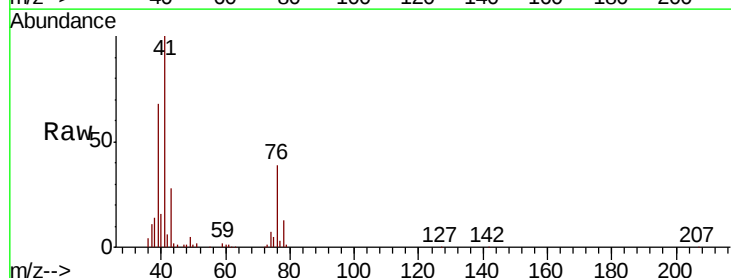
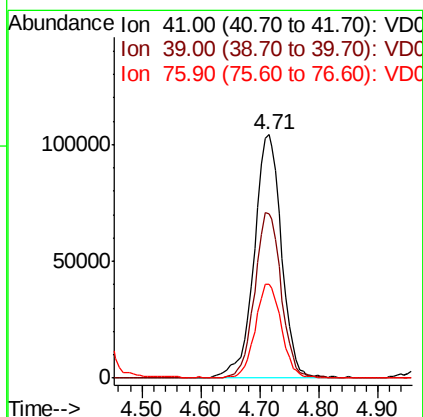
Tgt Ion: 41 Resp: 334747

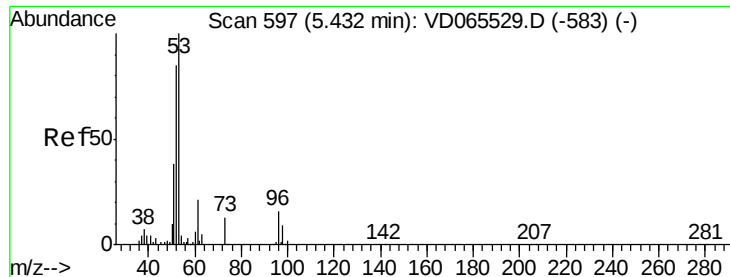
Ion Ratio Lower Upper

41 100

39 66.1 52.9 79.3

76 36.1 28.9 43.3





#15

Acrylonitrile

Concen: 220.807 ug/l

RT: 5.43 min Scan# 597

Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

Instrument :

MSVOA_D

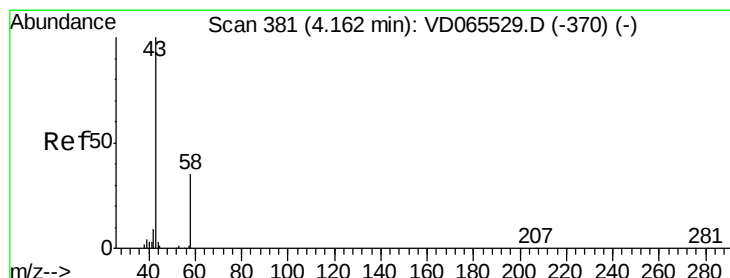
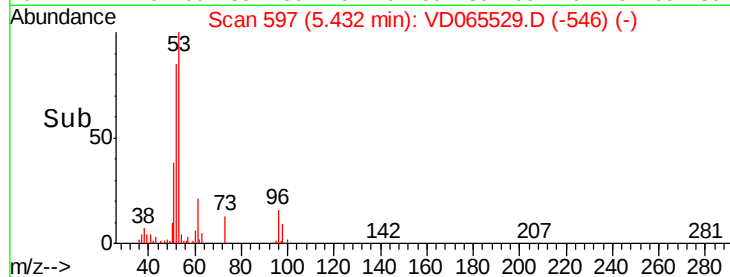
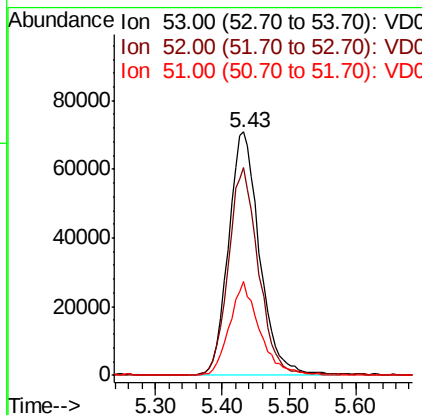
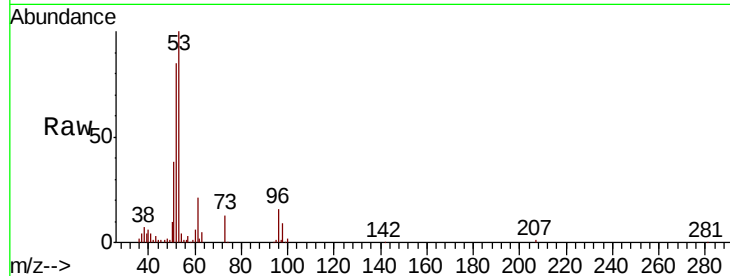
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	230446
Ion	Ratio	Lower	Upper
53	100		
52	82.2	65.8	98.6
51	37.1	29.7	44.5

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#16

Acetone

Concen: 210.634 ug/l

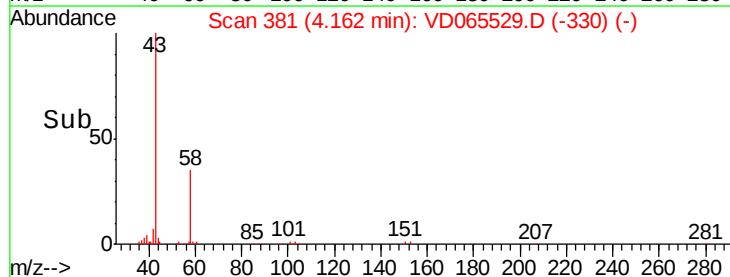
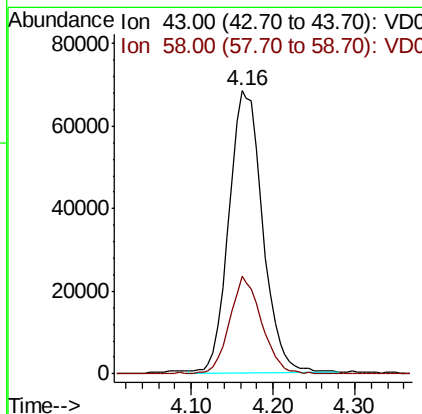
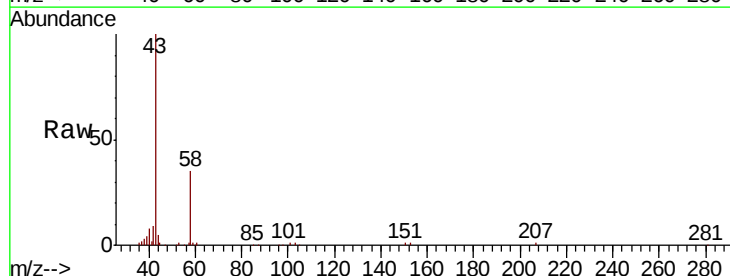
RT: 4.16 min Scan# 381

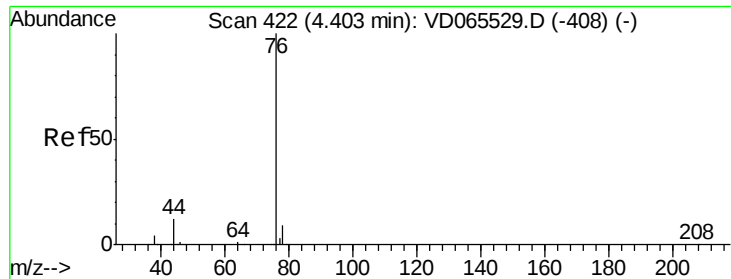
Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

Tgt Ion:	43	Resp:	195766
Ion	Ratio	Lower	Upper
43	100		
58	34.9	27.9	41.9





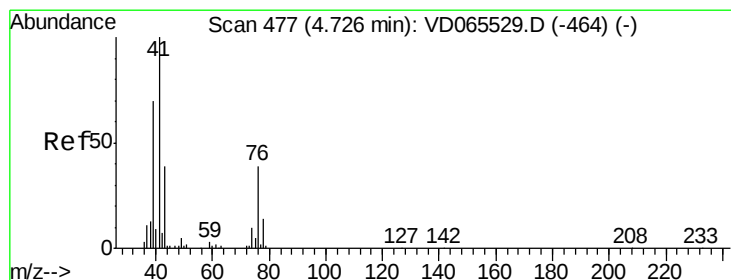
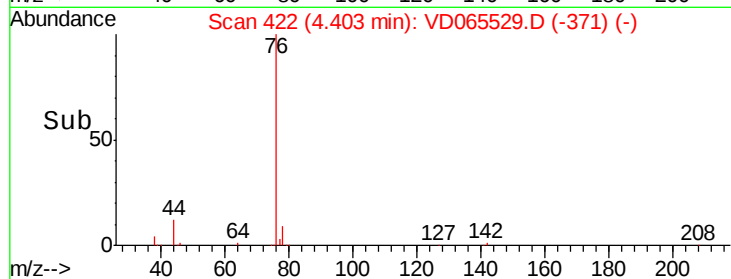
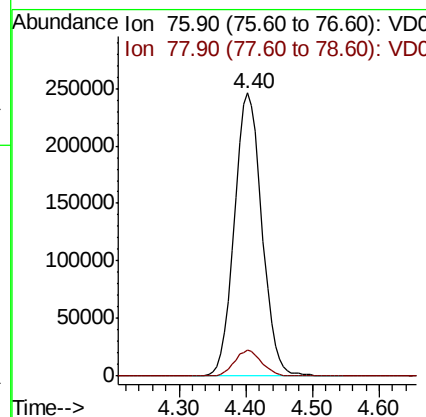
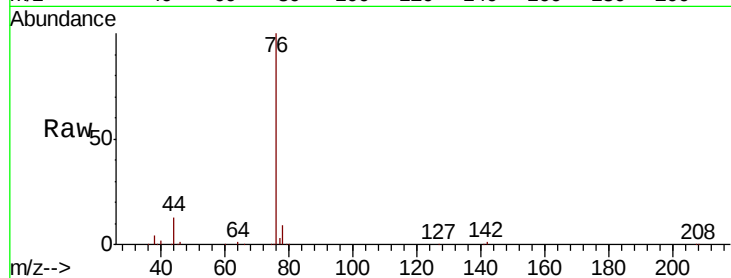
#17
Carbon Disulfide
Concen: 43.123 ug/l
RT: 4.40 min Scan# 422
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.5	11.3

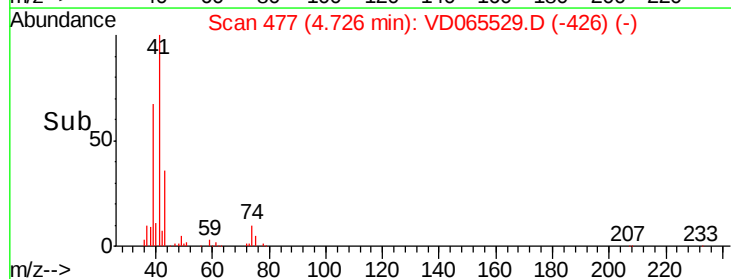
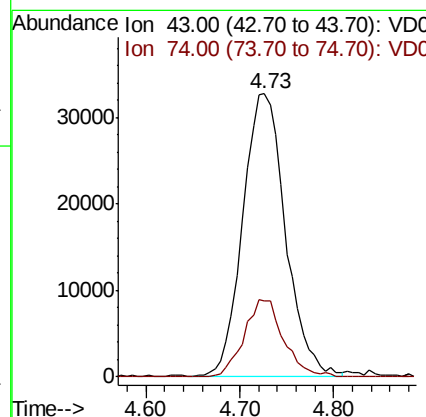
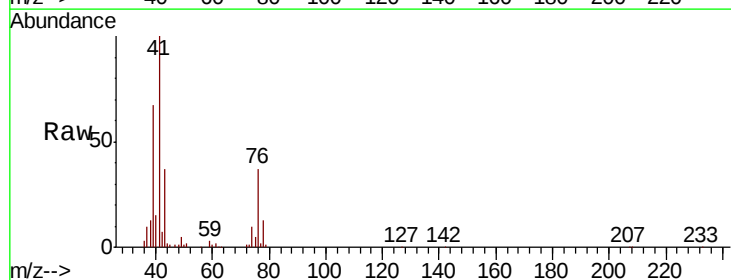
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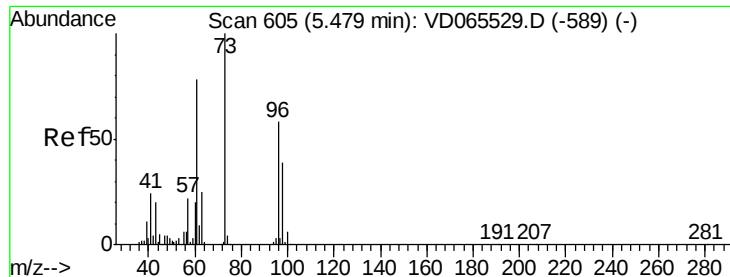
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#18
Methyl Acetate
Concen: 43.773 ug/l
RT: 4.73 min Scan# 477
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.1	20.1	30.1





#19

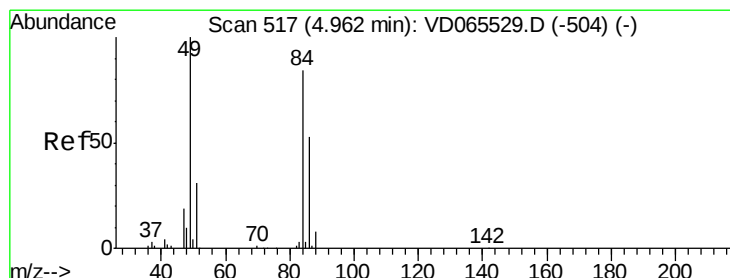
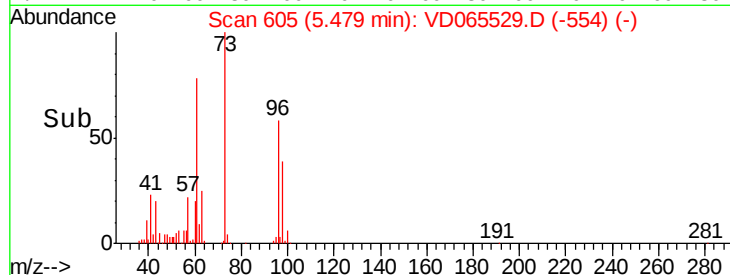
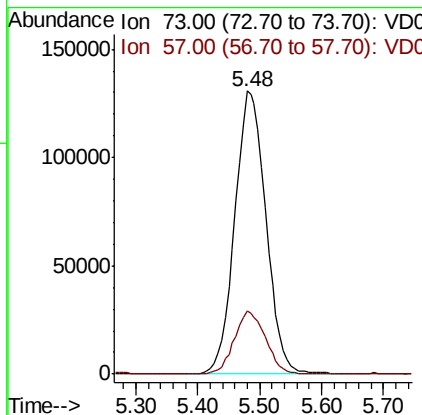
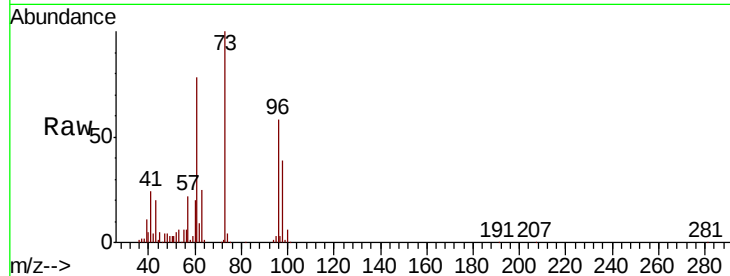
Methyl tert-butyl Ether
 Concen: 47.685 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: VD065529.D
 Acq: 26 Mar 2020 17:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.7	26.5

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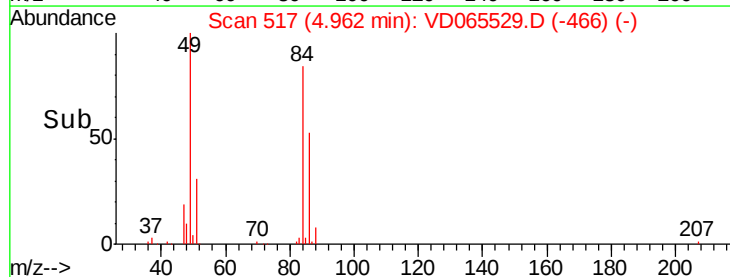
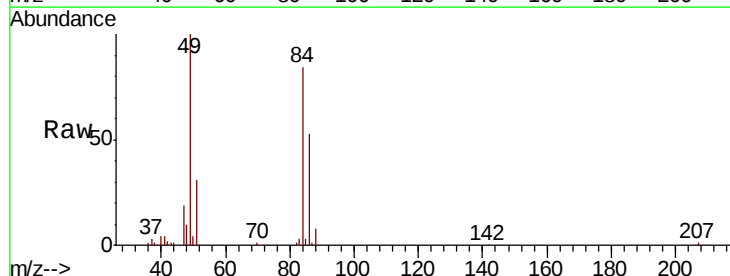
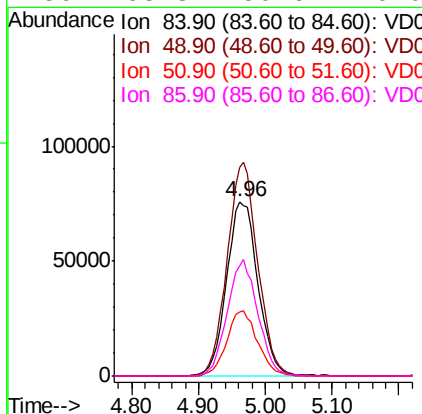
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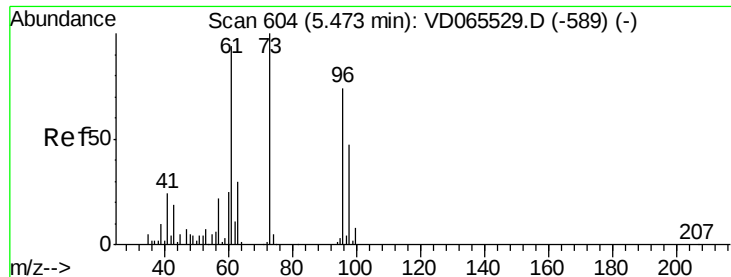


#20

Methylene Chloride
 Concen: 43.106 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: VD065529.D
 Acq: 26 Mar 2020 17:02

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.5	95.6	143.4
51	36.8	29.4	44.2
86	63.3	50.6	76.0





#21

trans-1,2-Dichloroethene

Concen: 45.400 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

Instrument :

MSVOA_D

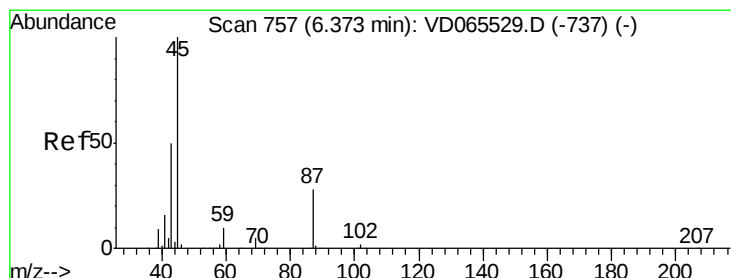
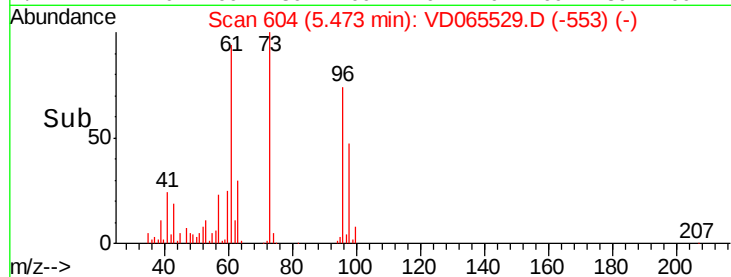
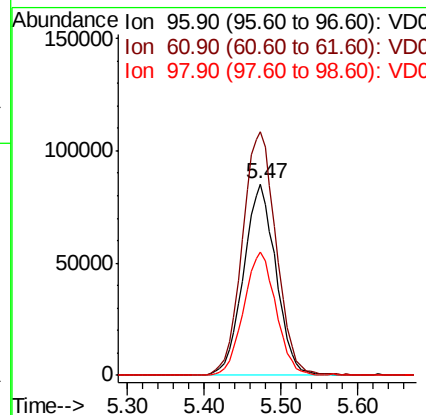
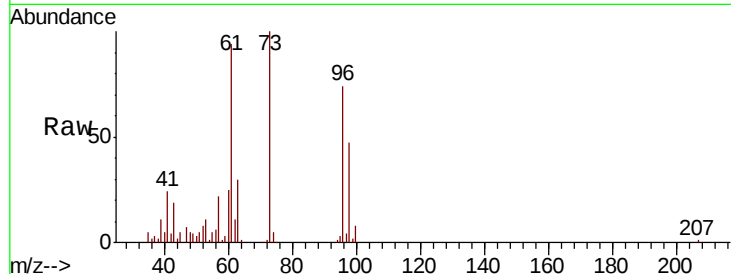
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	251111
Ion	Ratio	Lower	Upper
96	100		
61	127.2	101.8	152.6
98	64.3	51.4	77.2

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#22

Diisopropyl ether

Concen: 47.956 ug/l

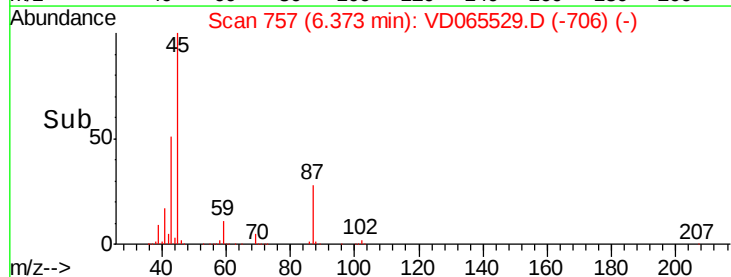
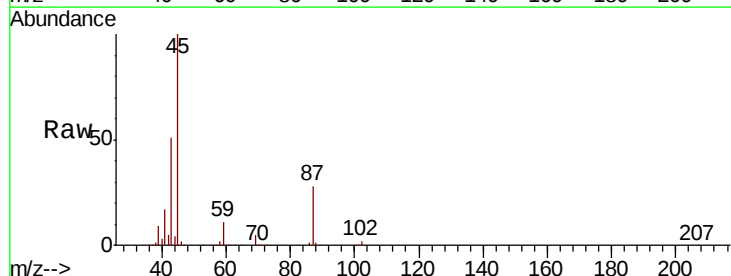
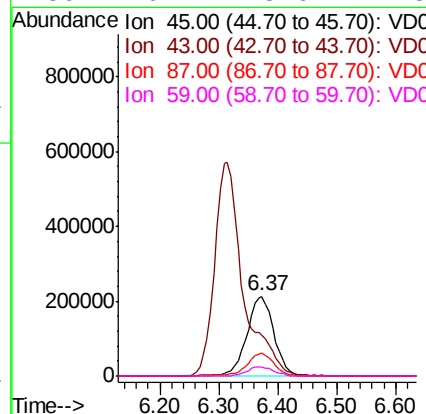
RT: 6.37 min Scan# 757

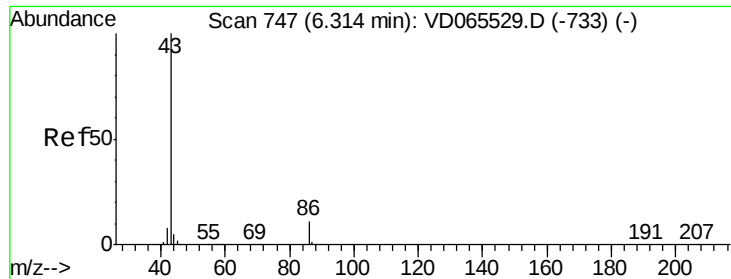
Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

Tgt Ion:	45	Resp:	683079
Ion	Ratio	Lower	Upper
45	100		
43	50.6	40.5	60.7
87	28.1	22.5	33.7
59	10.7	8.6	12.8





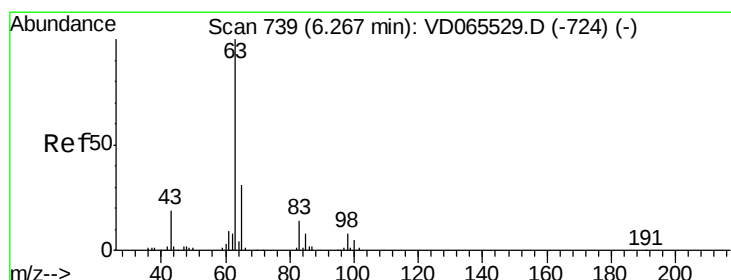
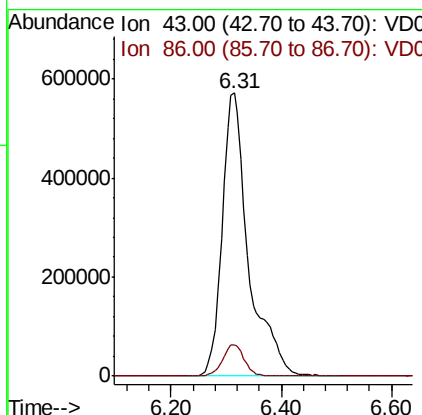
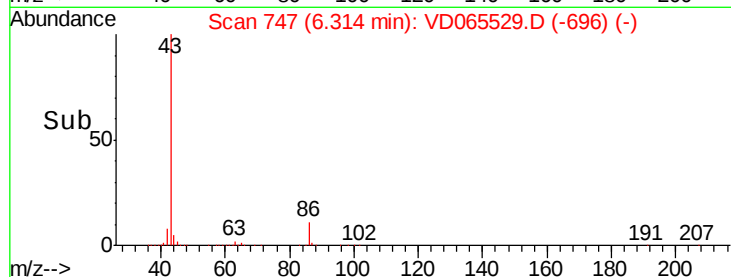
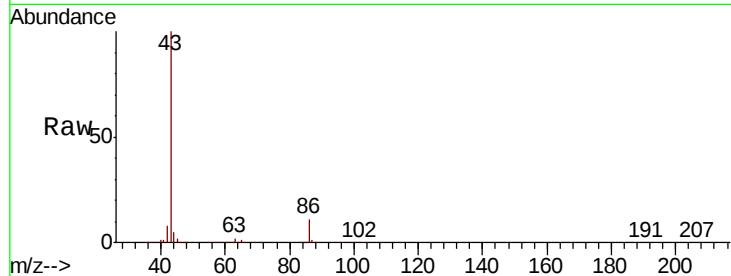
#23
 Vinyl Acetate
 Concen: 242.328 ug/l
 RT: 6.31 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: VD065529.D
 Acq: 26 Mar 2020 17:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion: 43 Resp: 1913447
 Ion Ratio Lower Upper
 43 100
 86 11.2 9.0 13.4

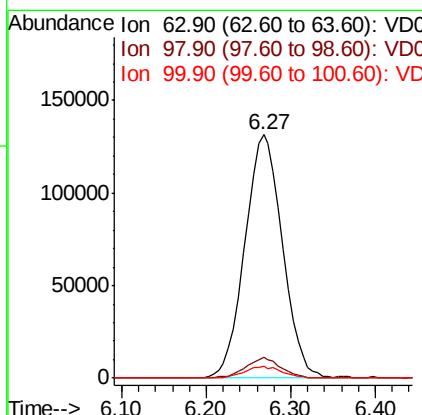
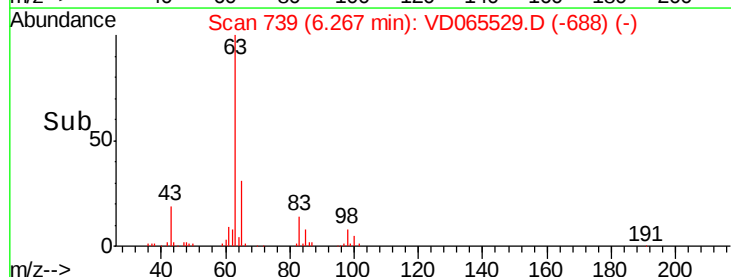
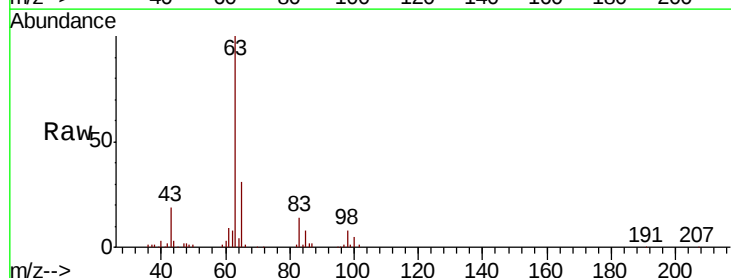
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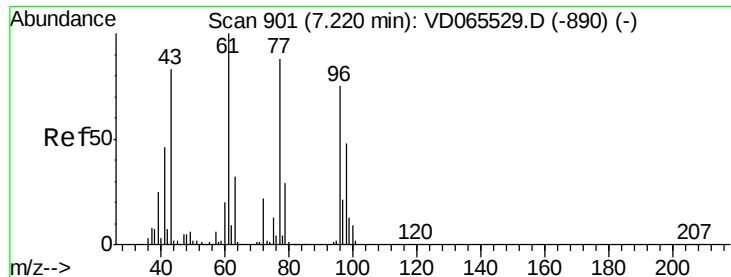
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#24
 1,1-Dichloroethane
 Concen: 44.742 ug/l
 RT: 6.27 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: VD065529.D
 Acq: 26 Mar 2020 17:02

Tgt Ion: 63 Resp: 407229
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.2 12.6
 100 4.9 2.5 7.4





#25

2-Butanone

Concen: 221.540 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 280943

Ion Ratio Lower Upper

43 100

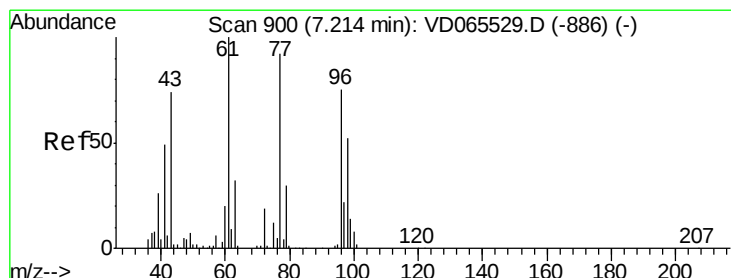
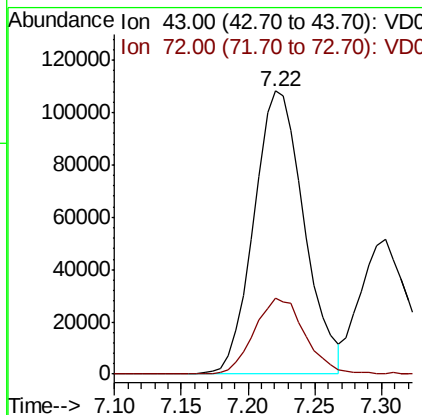
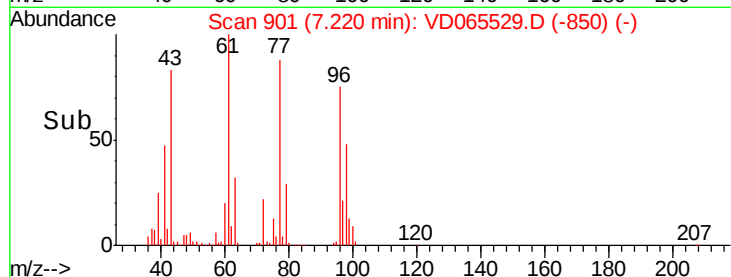
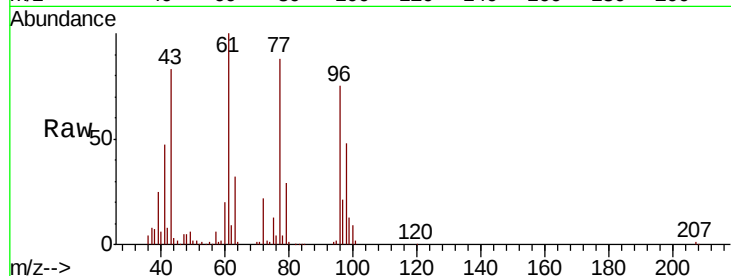
72 26.9 21.5 32.3

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#26

2,2-Dichloropropane

Concen: 45.633 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD065529.D

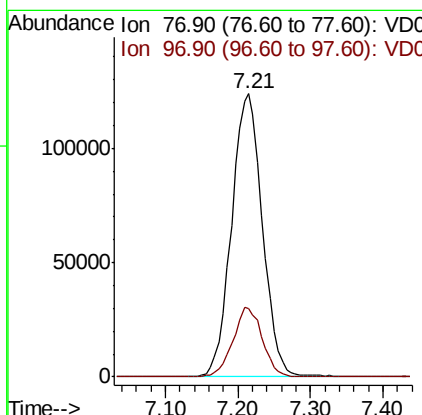
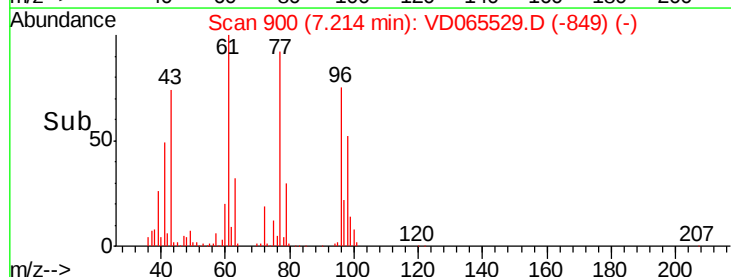
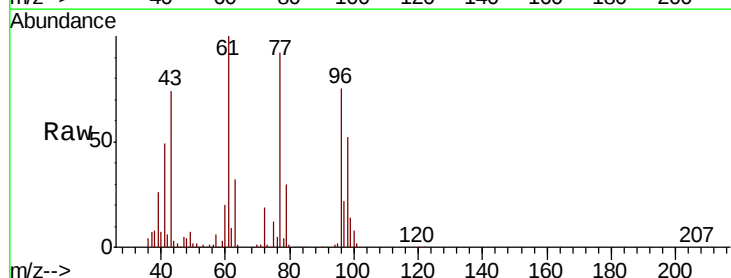
Acq: 26 Mar 2020 17:02

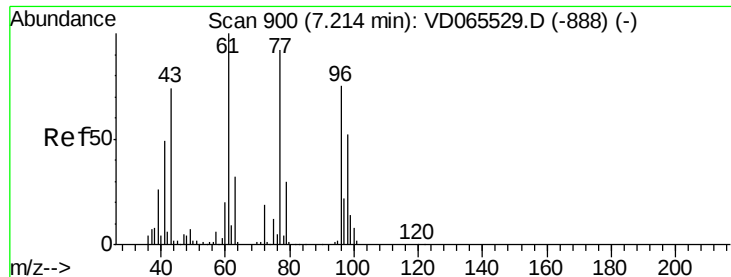
Tgt Ion: 77 Resp: 365015

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.1





#27

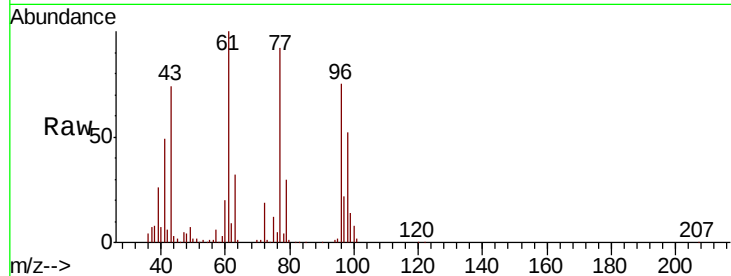
cis-1,2-Dichloroethene
Concen: 46.545 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

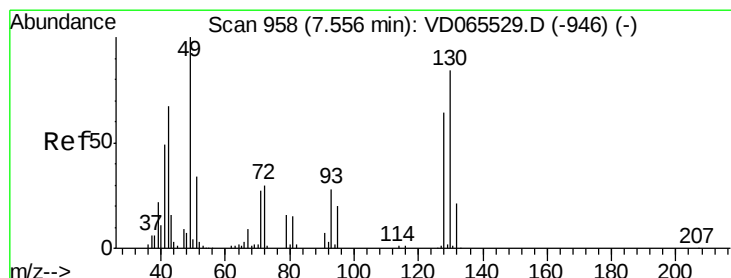
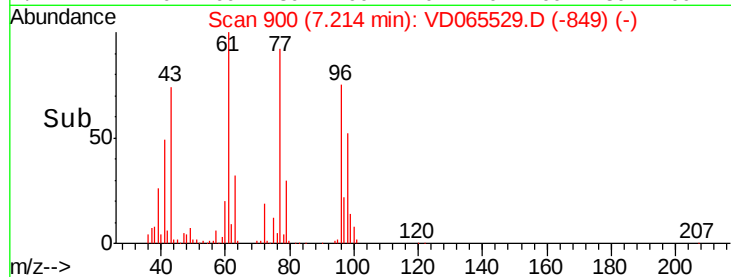
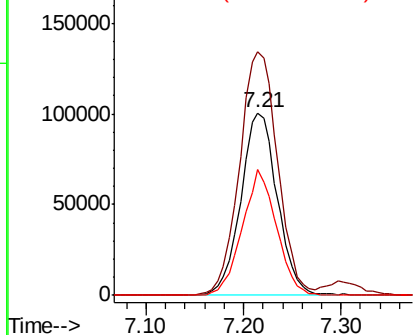
Tot Ion	Ratio	Resp	Lower	Upper
96	100	263625		
61	139.0	0.0	278.0	
98	64.8	0.0	129.6	

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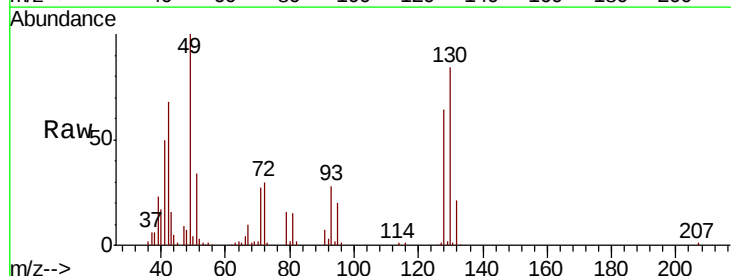
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



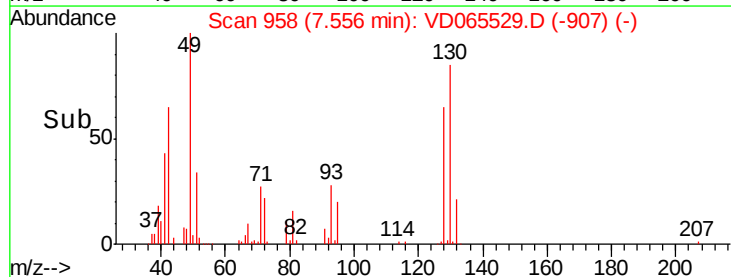
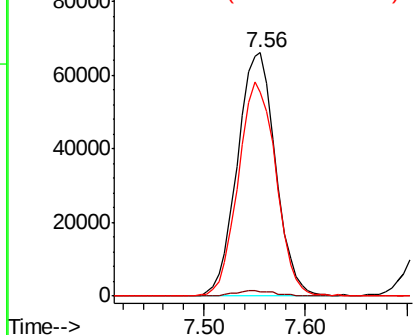
#28

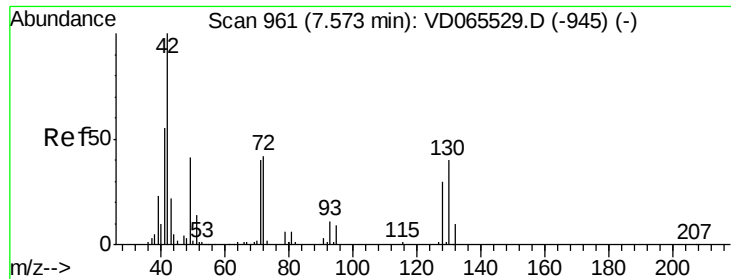
Bromochloromethane
Concen: 47.079 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	173266		
129	2.2	0.0	4.4	
130	87.1	69.7	104.5	



Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): VDC
Ion 129.80 (129.50 to 130.50): VDC





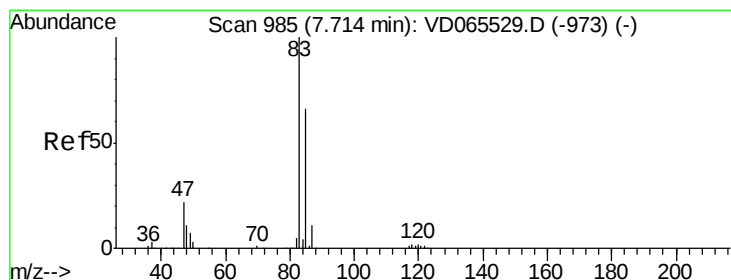
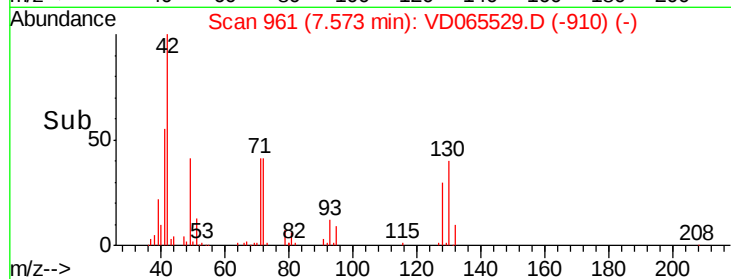
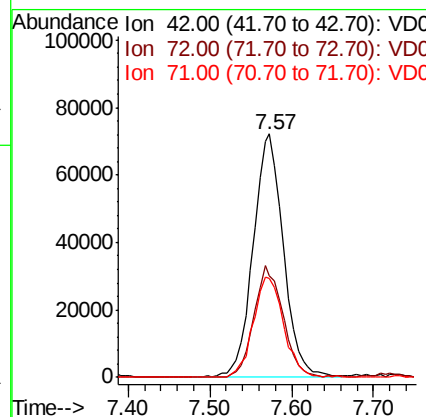
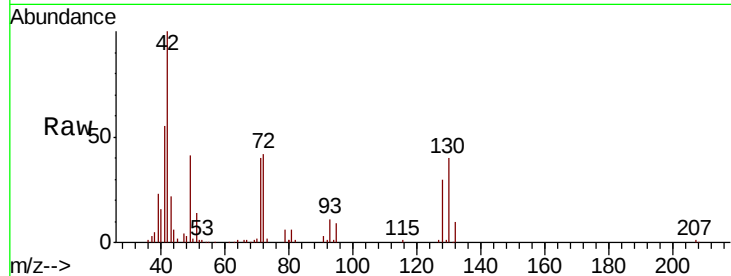
#29
Tetrahydrofuran
Concen: 229.644 ug/l
RT: 7.57 min Scan# 961
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.8	35.0	52.6
71	41.3	33.0	49.6

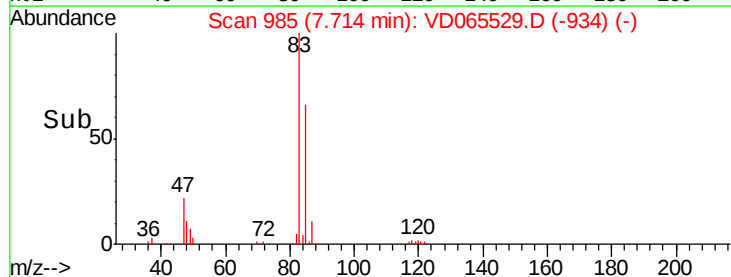
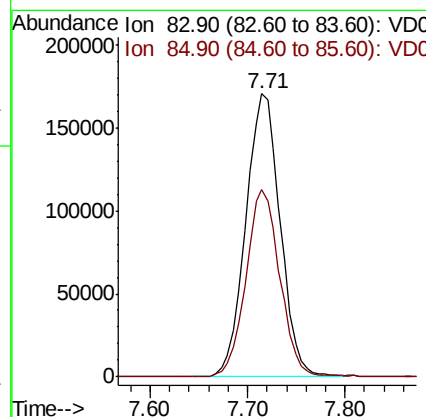
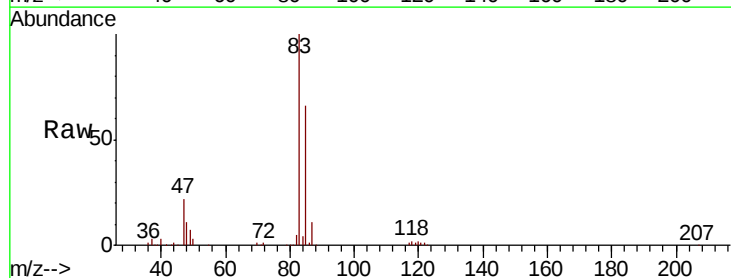
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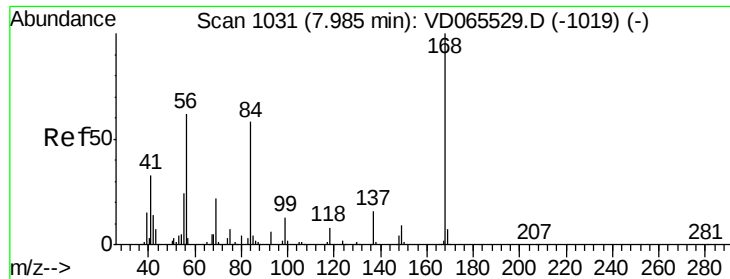
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#30
Chloroform
Concen: 46.138 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	52.9	79.3





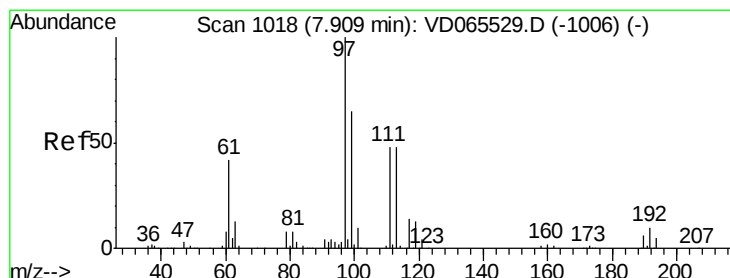
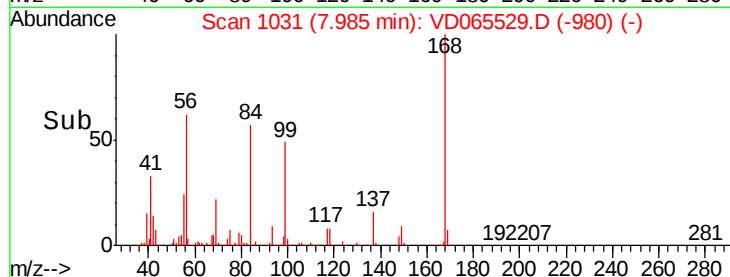
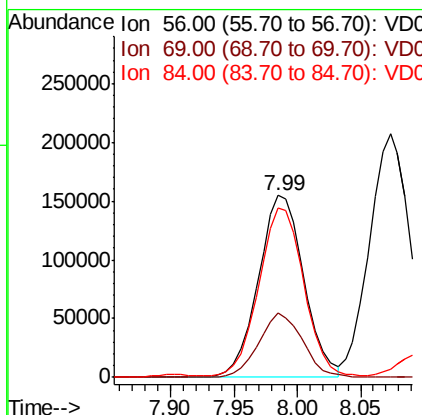
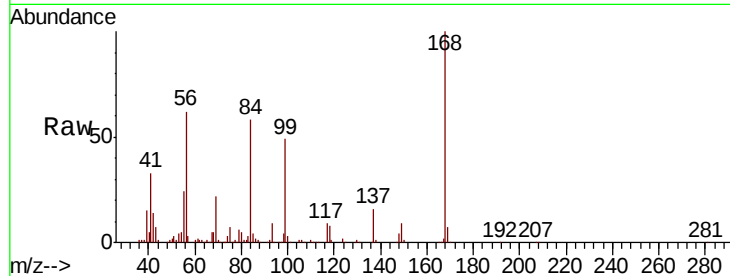
#31
Cyclohexane
Concen: 42.720 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.3	28.2	42.4
84	91.7	73.4	110.0

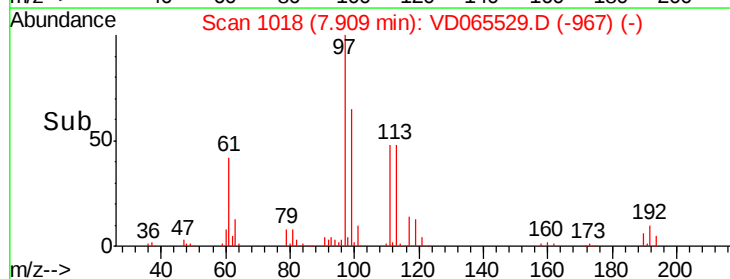
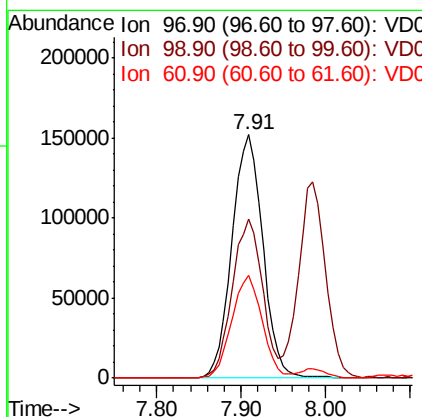
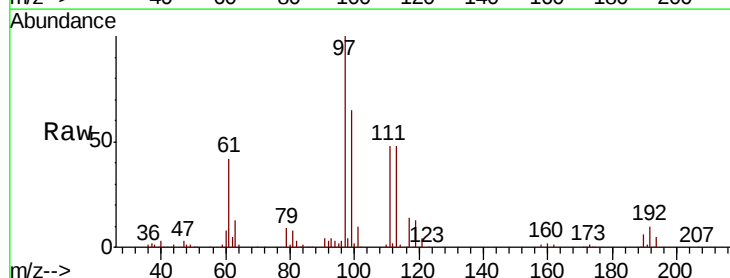
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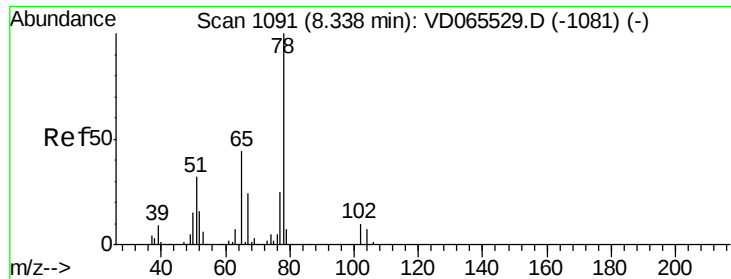
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#32
1,1,1-Trichloroethane
Concen: 45.520 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.2	76.8
61	41.8	33.4	50.2





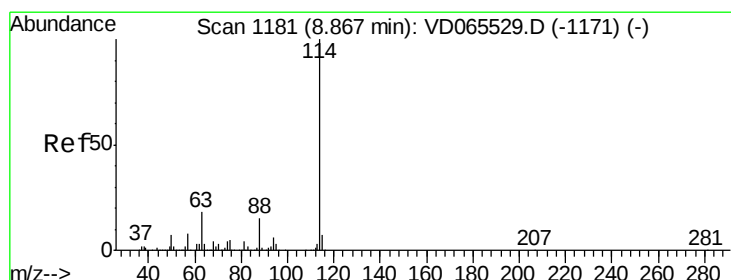
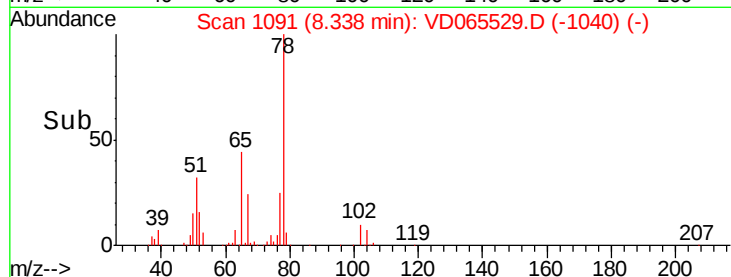
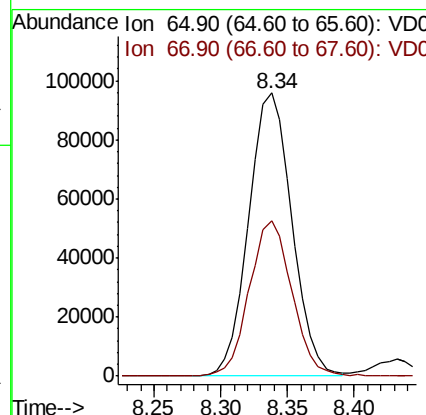
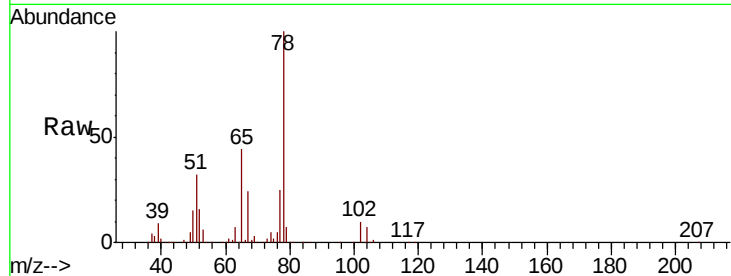
#33
 1,2-Dichloroethane-d4
 Concen: 46.589 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD065529.D
 Acq: 26 Mar 2020 17:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	215430		
67	53.8	0.0	107.6	

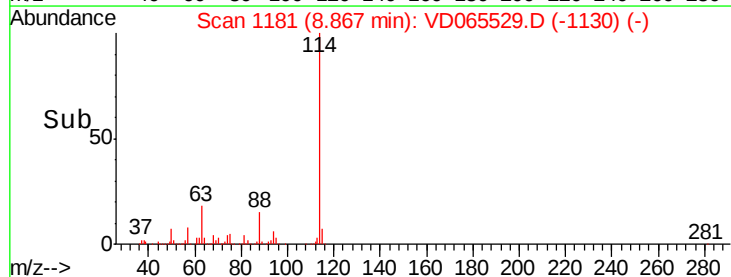
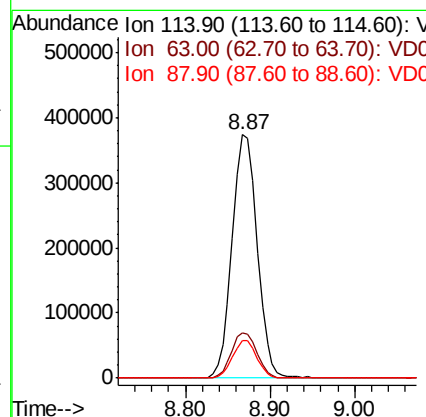
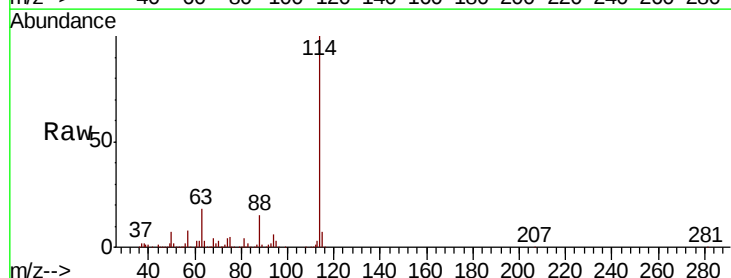
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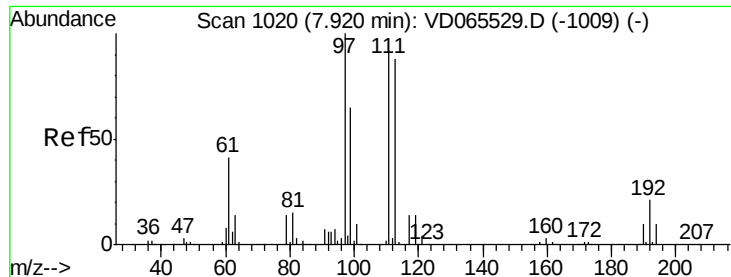
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065529.D
 Acq: 26 Mar 2020 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	766930		
63	18.5	0.0	37.0	
88	15.2	0.0	30.4	





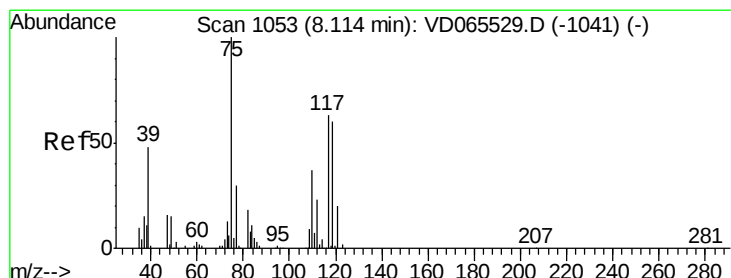
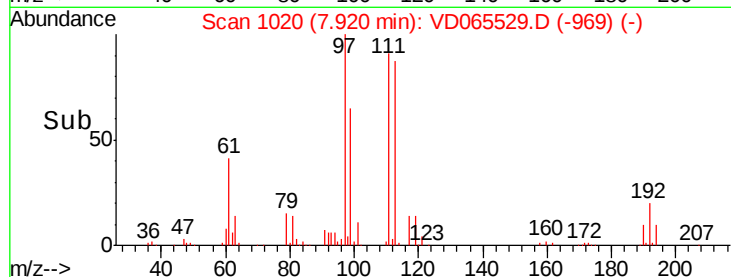
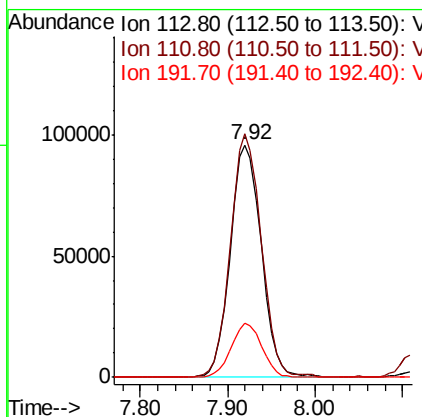
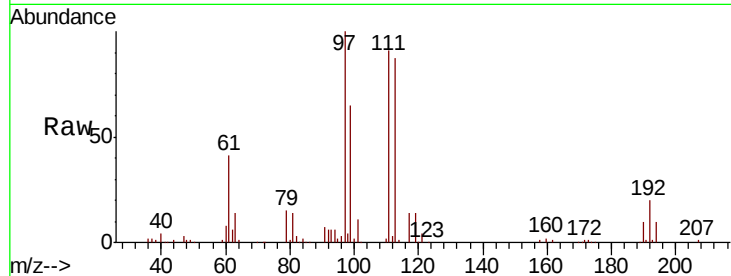
#35
 Dibromofluoromethane
 Concen: 48.960 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065529.D
 Acq: 26 Mar 2020 17:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	230923		
111	104.1	83.3	124.9	
192	23.1	18.5	27.7	

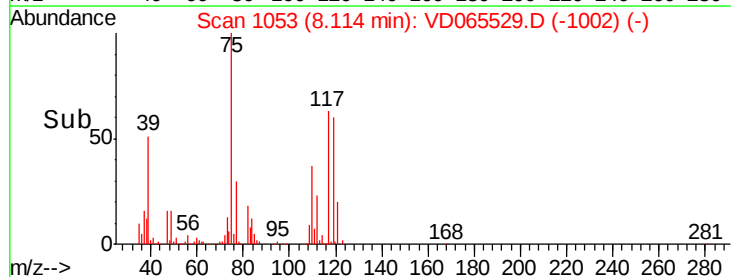
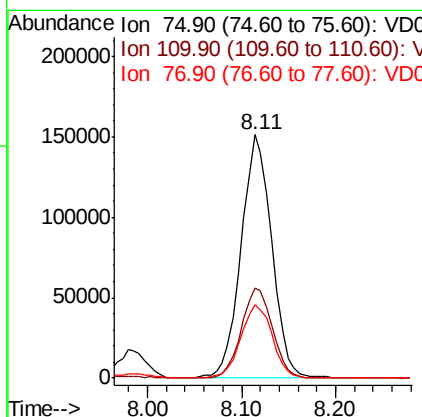
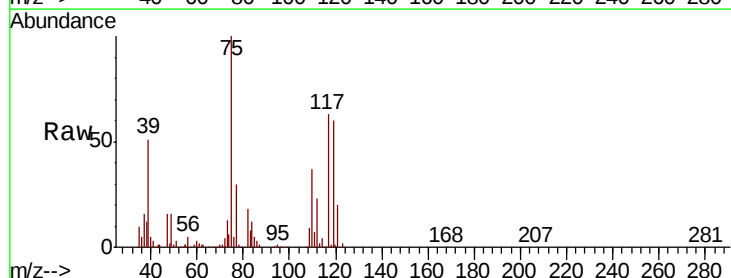
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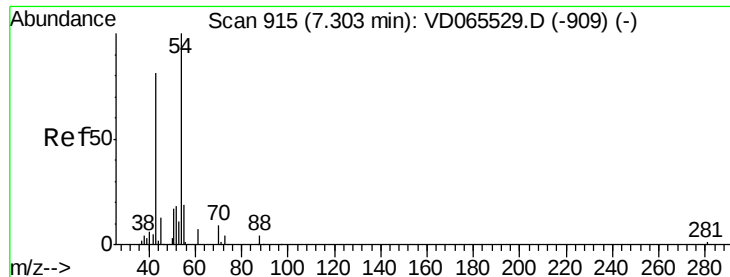
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#36
 1,1-Dichloropropene
 Concen: 46.985 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD065529.D
 Acq: 26 Mar 2020 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	340321		
110	37.6	18.8	56.4	
77	31.4	25.1	37.7	





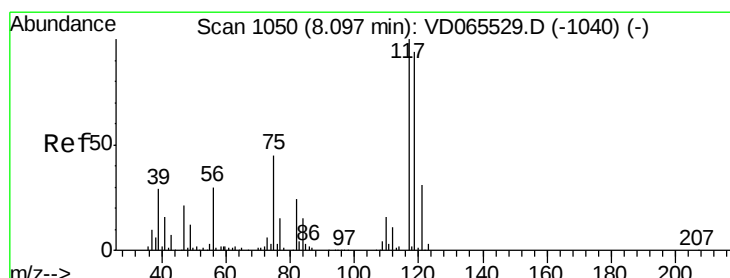
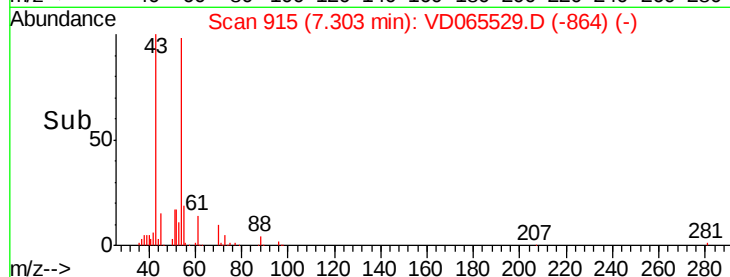
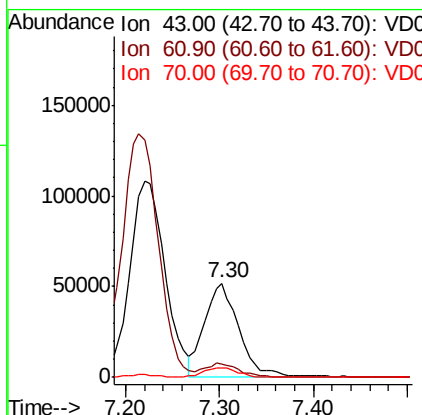
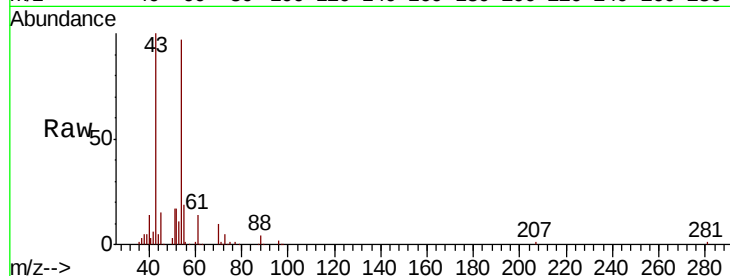
#37
Ethyl Acetate
Concen: 46.216 ug/l
RT: 7.30 min Scan# 915
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	12.2	18.4
70	10.5	8.4	12.6

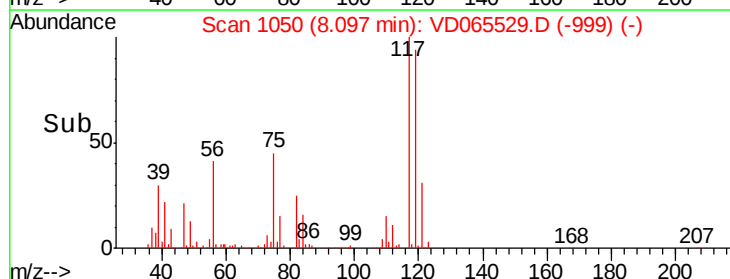
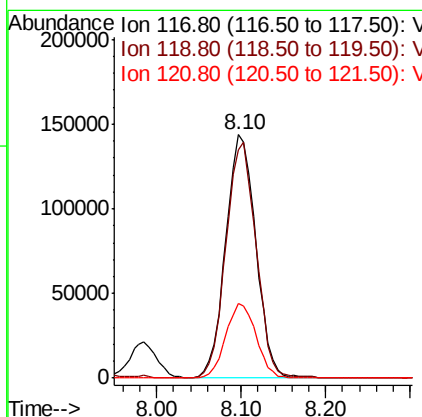
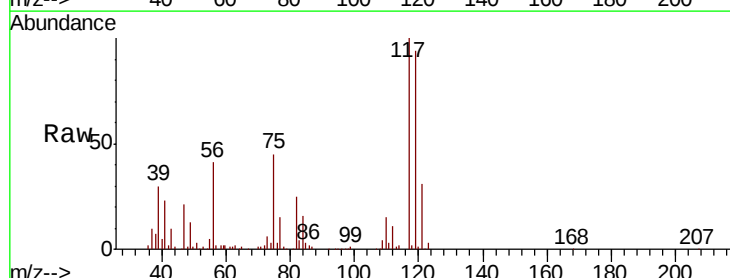
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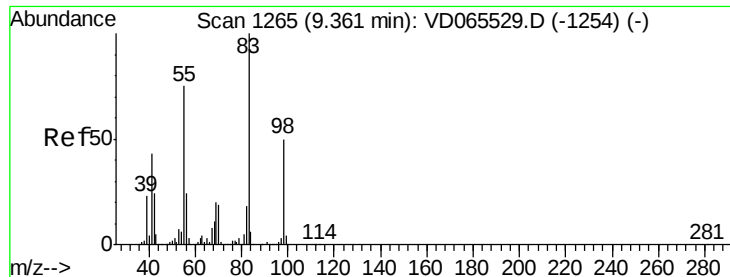
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#38
Carbon Tetrachloride
Concen: 46.840 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	75.2	112.8
121	30.6	24.5	36.7





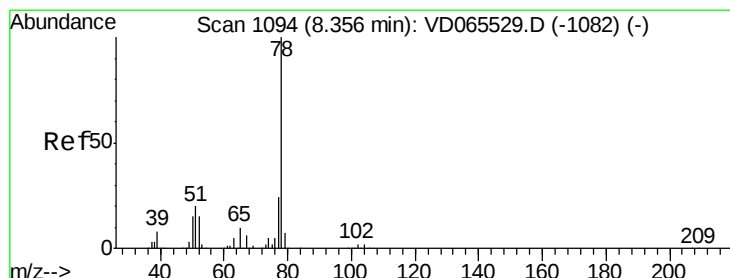
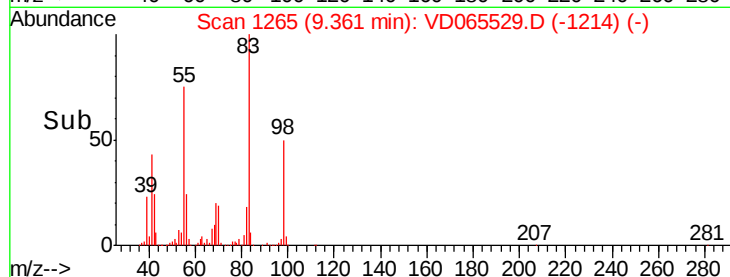
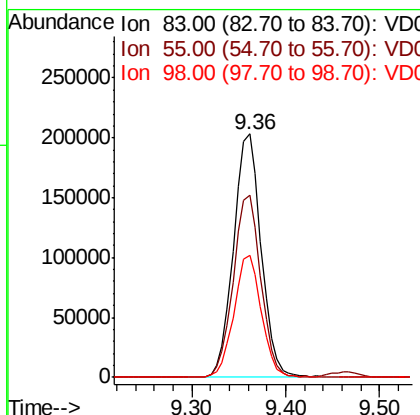
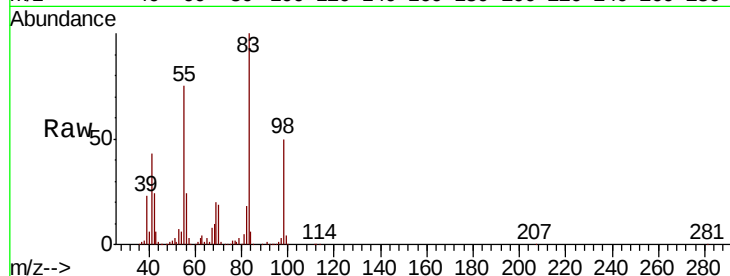
#39
Methylvlcyclohexane
Concen: 47.673 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.6	59.7	89.5
98	50.2	40.2	60.2

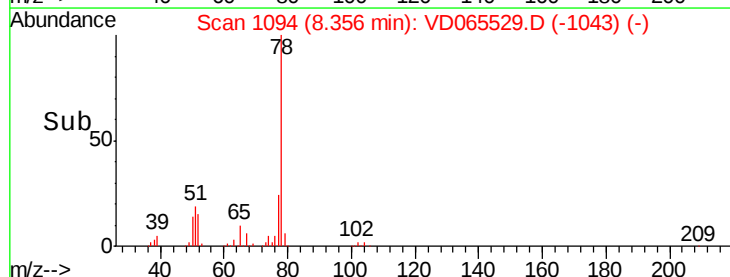
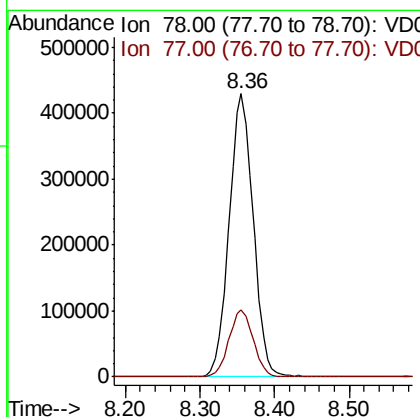
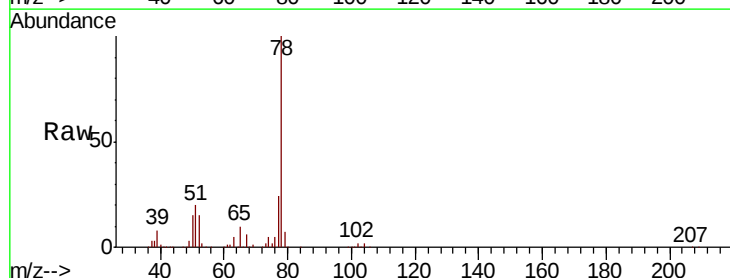
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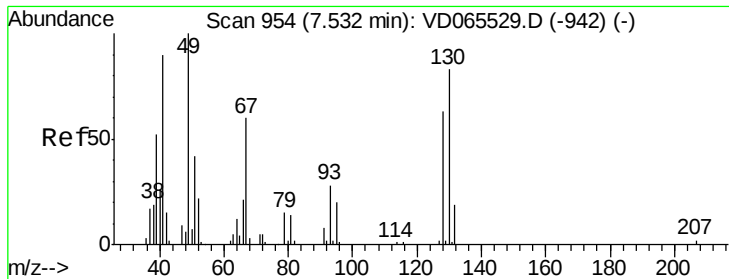
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#40
Benzene
Concen: 47.679 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.1	28.7





#41

Methacrylonitrile

Concen: 47.165 ug/l

RT: 7.53 min Scan# 954

Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 41 Resp: 71948

Ion Ratio Lower Upper

41 100

39 53.6 42.9 64.3

67 75.6 60.5 90.7

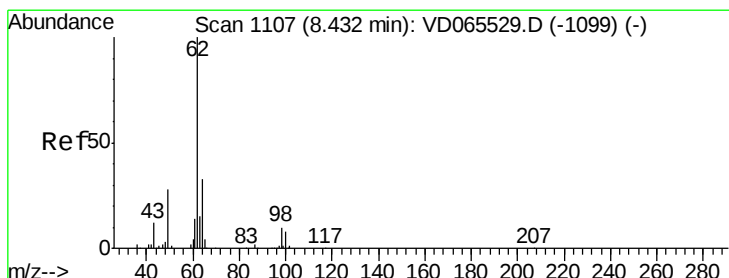
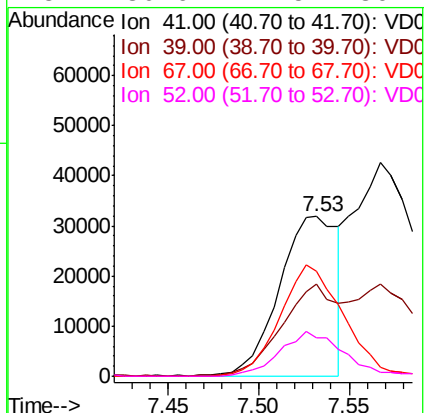
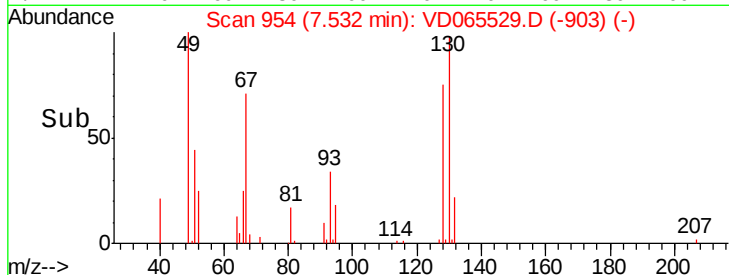
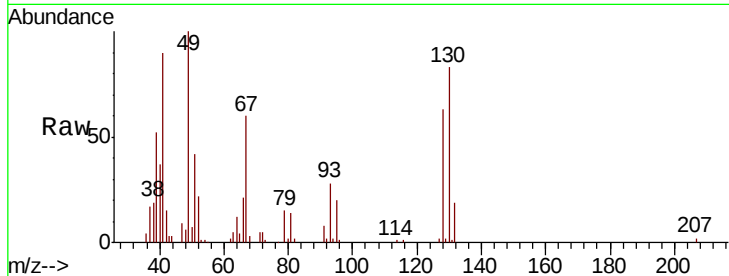
52 30.6 24.5 36.7

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#42

1,2-Dichloroethane

Concen: 47.517 ug/l

RT: 8.43 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VD065529.D

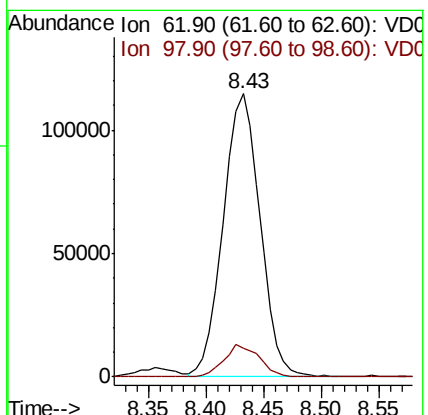
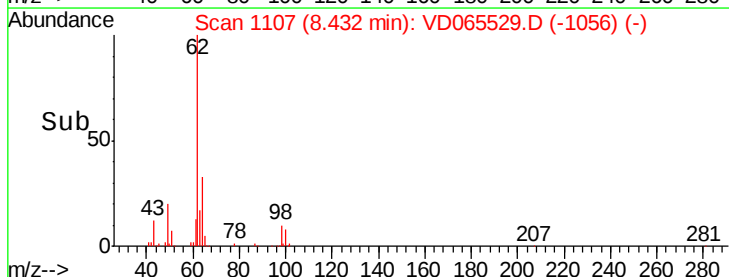
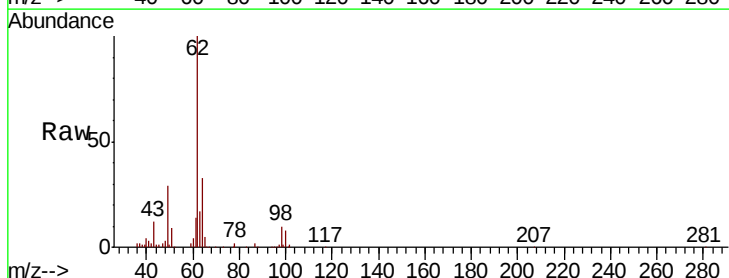
Acq: 26 Mar 2020 17:02

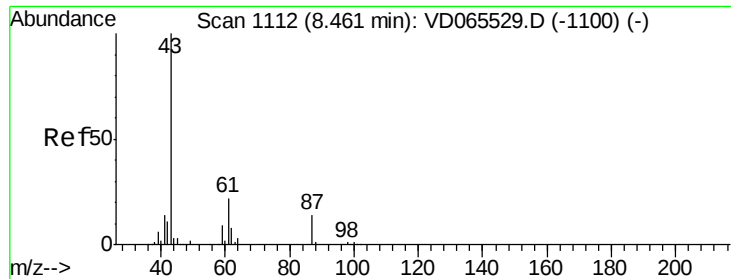
Tgt Ion: 62 Resp: 253411

Ion Ratio Lower Upper

62 100

98 10.9 0.0 21.8





#43

Isopropyl Acetate

Concen: 46.918 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

Instrument :

MSVOA_D

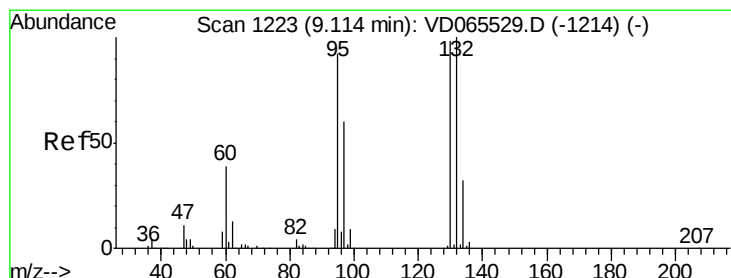
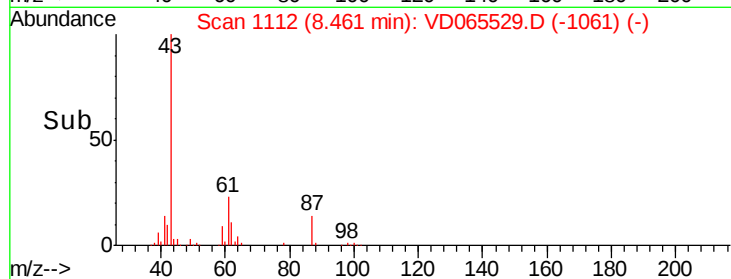
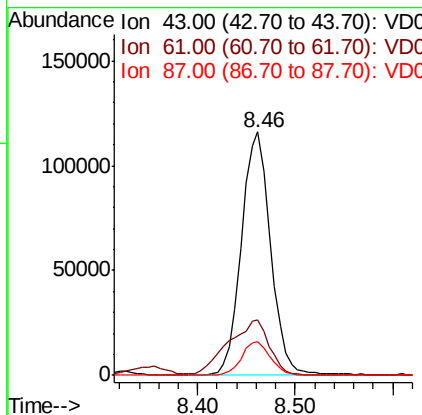
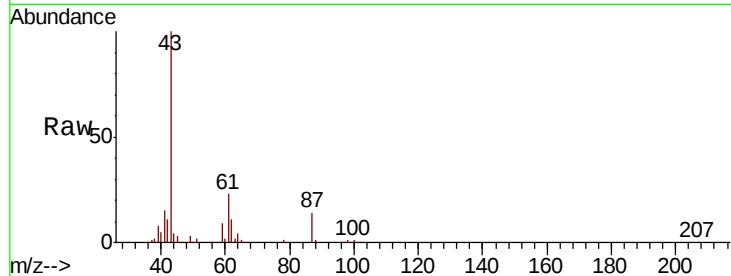
ClientSampleId :

VSTDICCC050

Tot Ion:	43	Resp:	243319
Ion	Ratio	Lower	Upper
43	100		
61	31.2	25.0	37.4
87	13.7	11.0	16.4

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#44

Trichloroethene

Concen: 47.970 ug/l

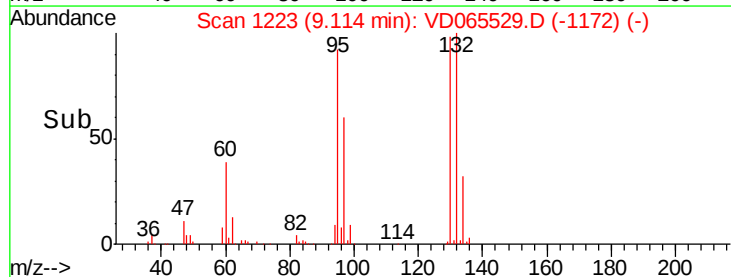
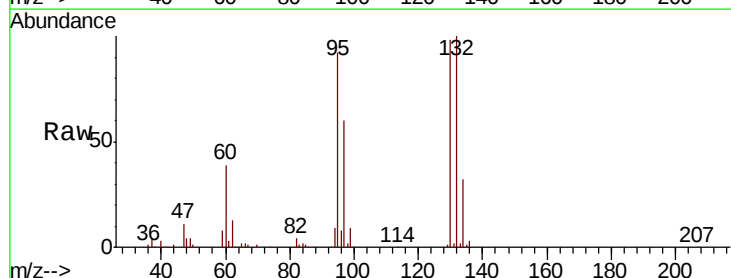
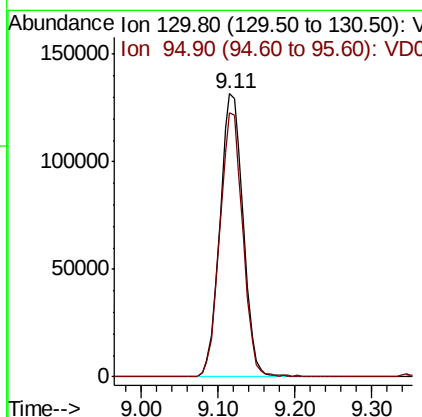
RT: 9.11 min Scan# 1223

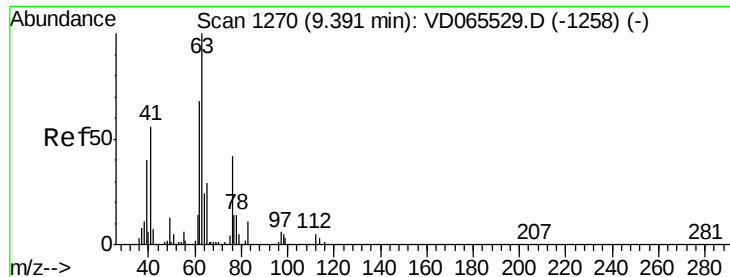
Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

Tgt Ion:	130	Resp:	275591
Ion	Ratio	Lower	Upper
130	100		
95	93.5	0.0	187.0





#45

1,2-Dichloropropane

Concen: 47.667 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 63 Resp: 234732

Ion Ratio Lower Upper

63 100

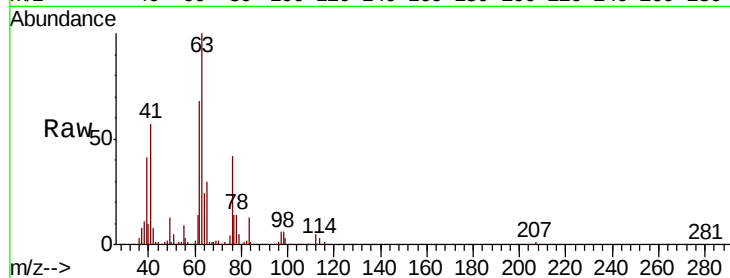
65 29.4 23.5 35.3

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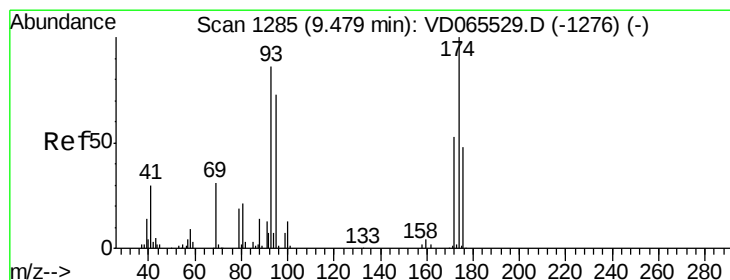
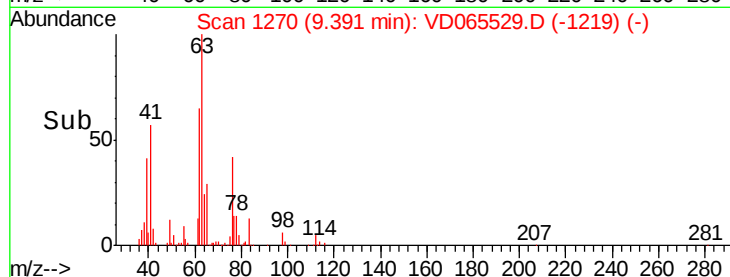
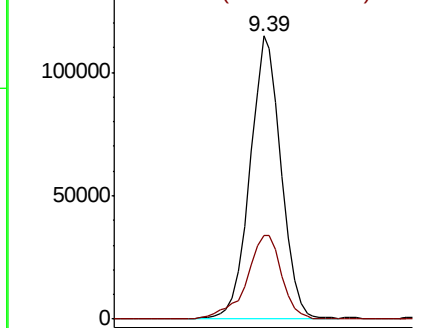
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Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 48.217 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

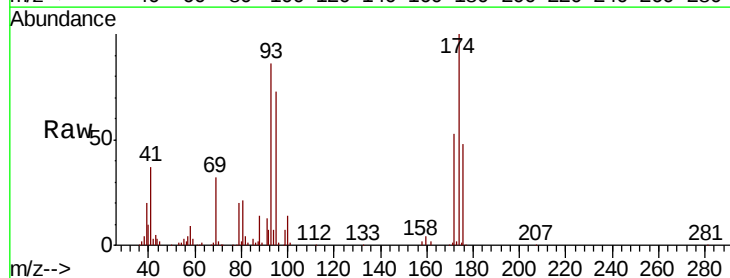
Tgt Ion: 93 Resp: 123342

Ion Ratio Lower Upper

93 100

95 84.1 67.3 100.9

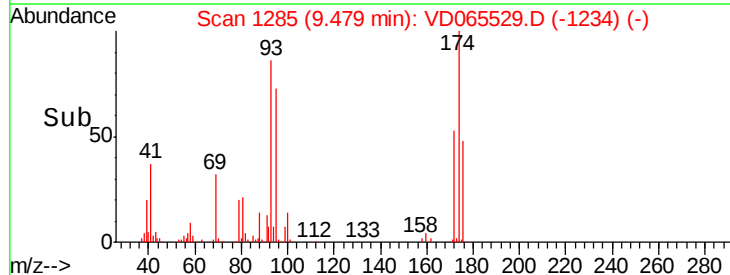
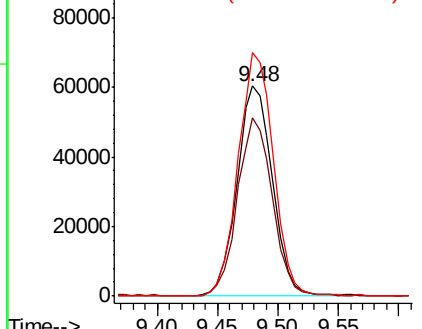
174 115.6 92.5 138.7

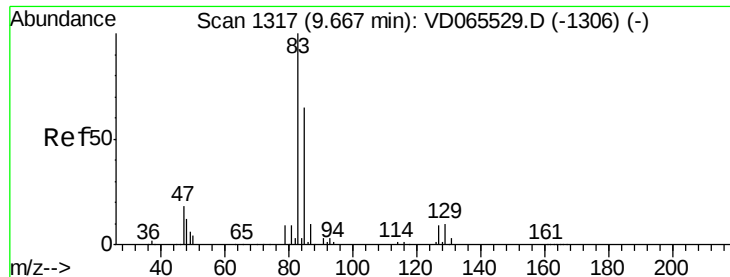


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): VDC





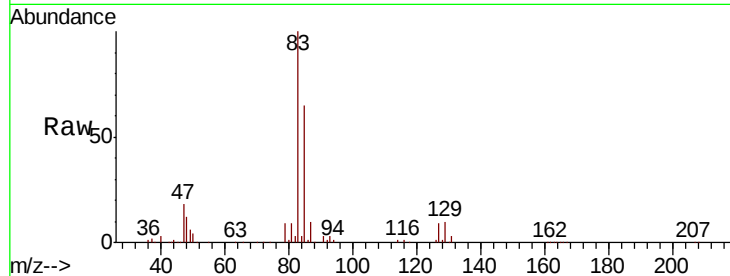
#47
Bromodichloromethane
Concen: 48.204 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

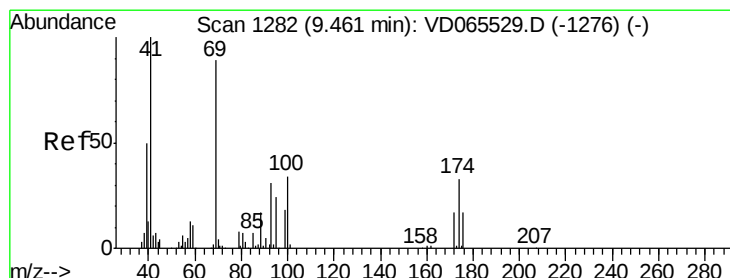
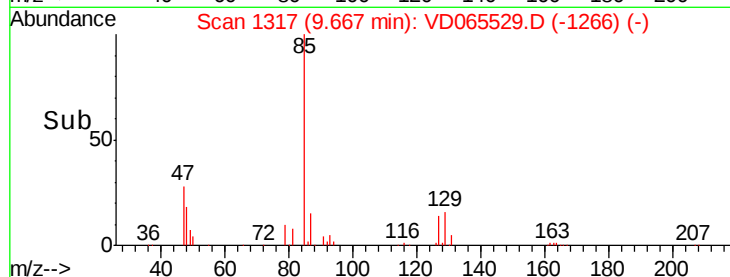
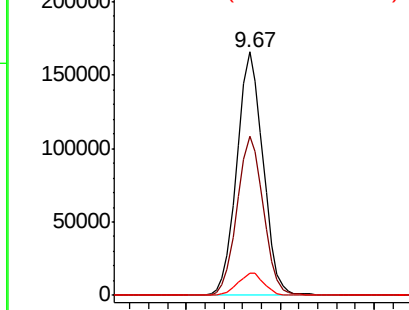
Tot Ion	Ratio	Resp	Lower	Upper
83	100	320902		
85	65.2		52.2	78.2
127	8.9		7.1	10.7

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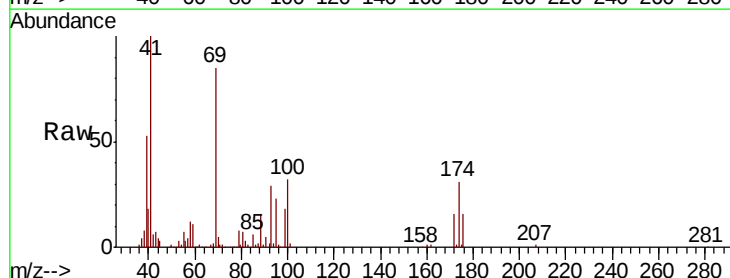


Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): V

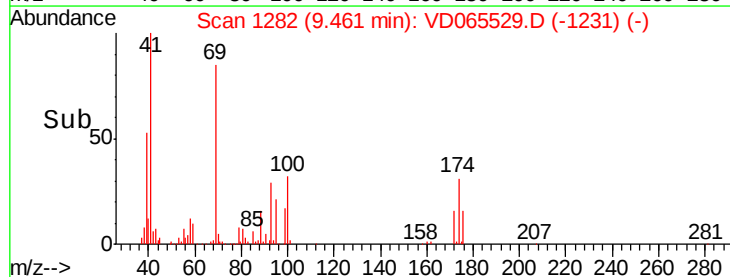
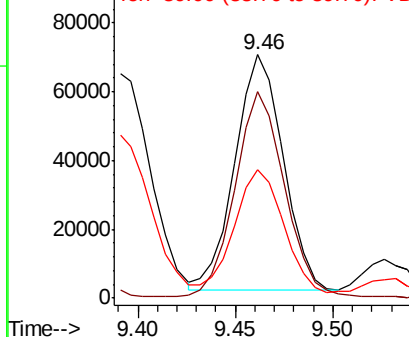


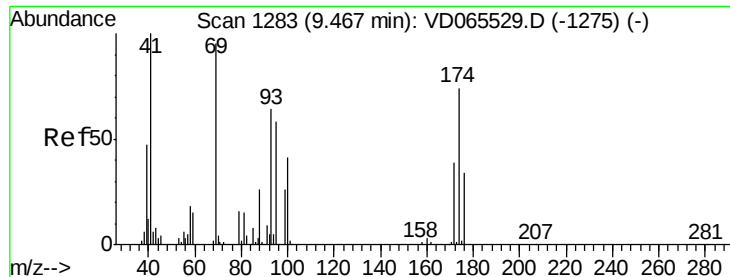
#48
Methyl methacrylate
Concen: 47.849 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	117158		
69	89.7		71.8	107.6
39	52.8		42.2	63.4



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





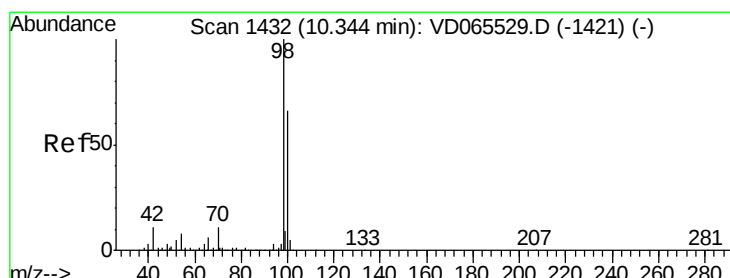
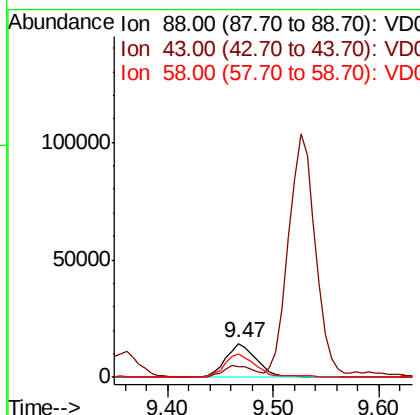
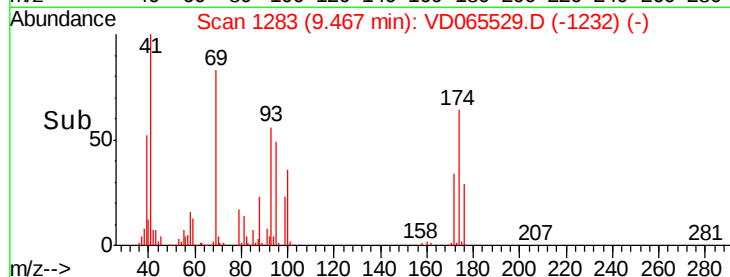
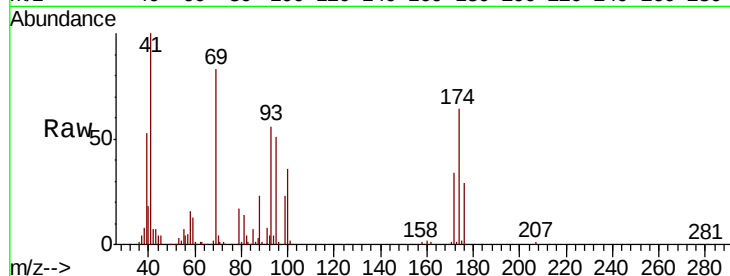
#49
1,4-Dioxane
Concen: 993.874 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.5	26.0	39.0
58	68.3	54.6	82.0

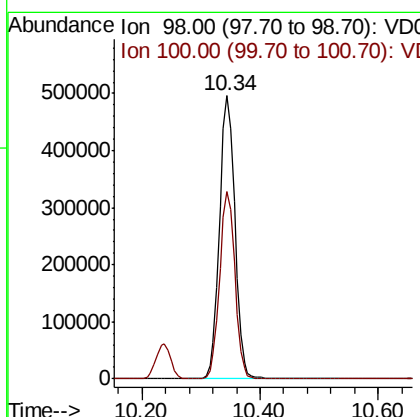
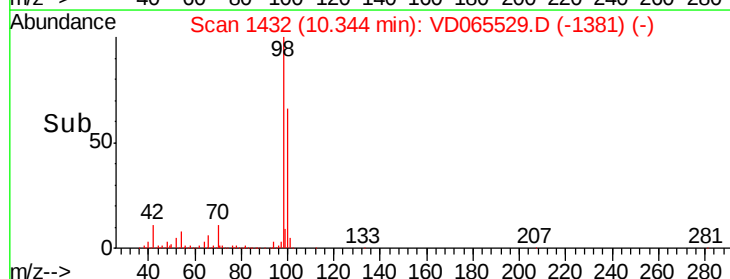
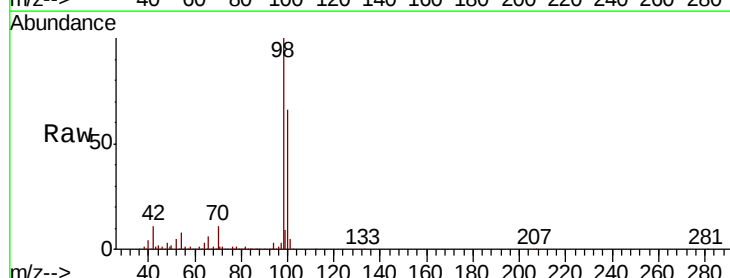
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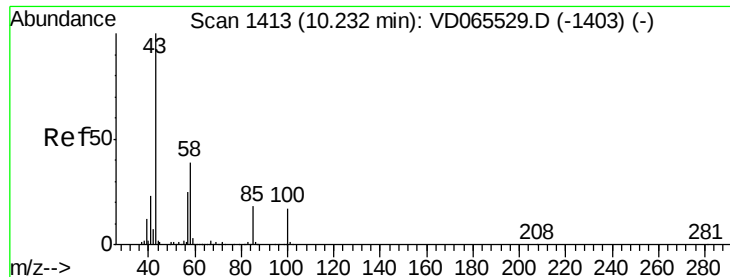
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#50
Toluene-d8
Concen: 50.139 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 243.659 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 637988

Ion Ratio Lower Upper

43 100

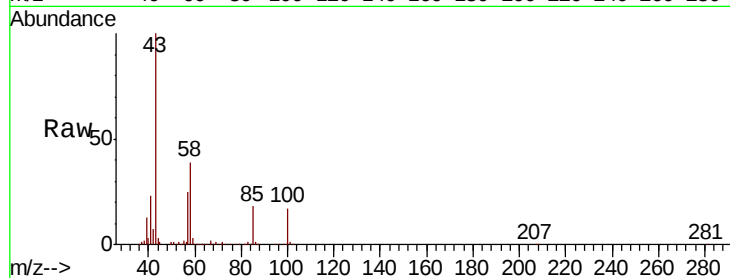
58 39.3 31.4 47.2

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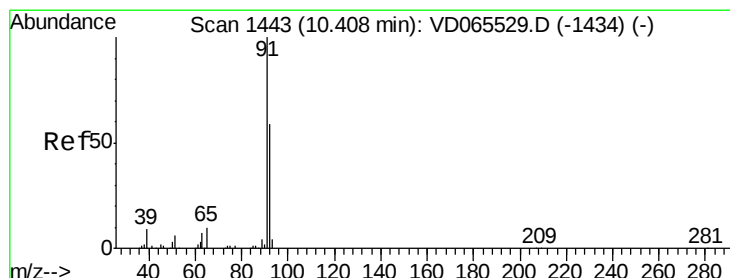
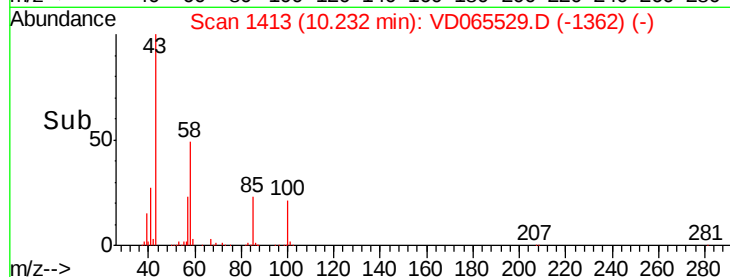
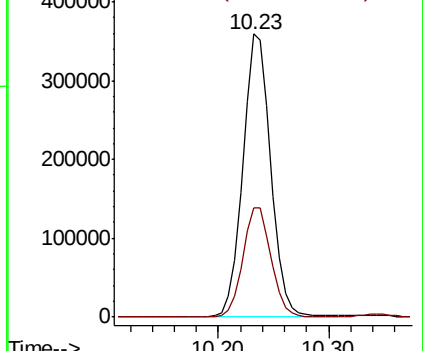
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 49.038 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD065529.D

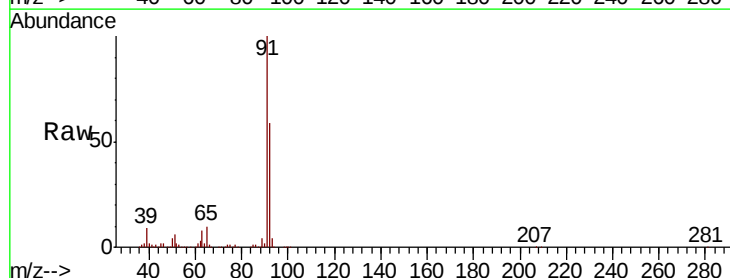
Acq: 26 Mar 2020 17:02

Tgt Ion: 92 Resp: 627997

Ion Ratio Lower Upper

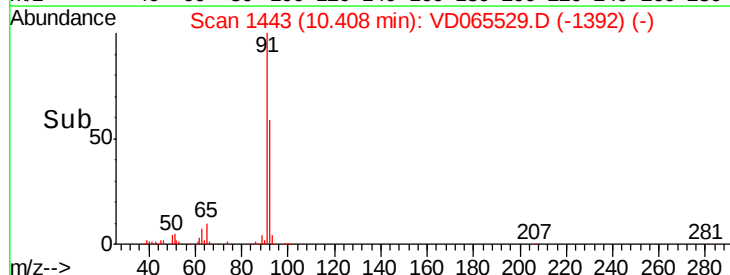
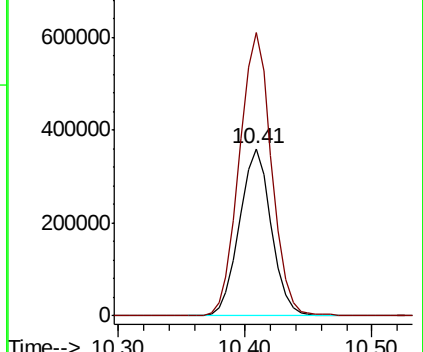
92 100

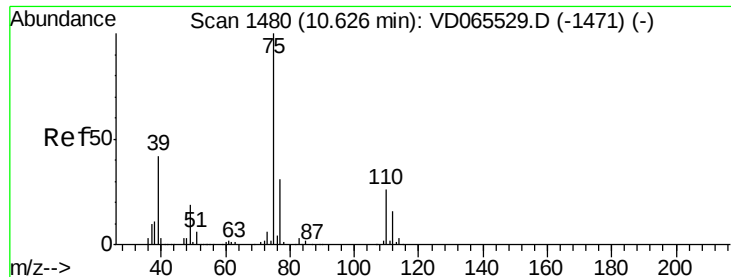
91 171.6 137.3 205.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





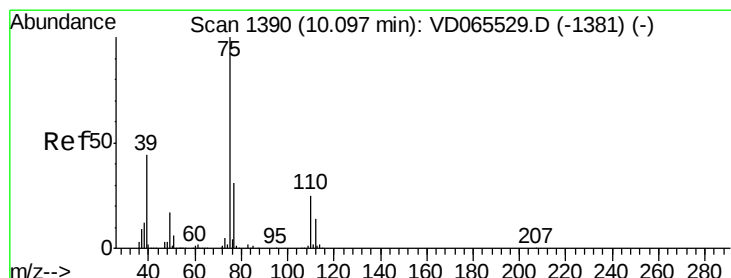
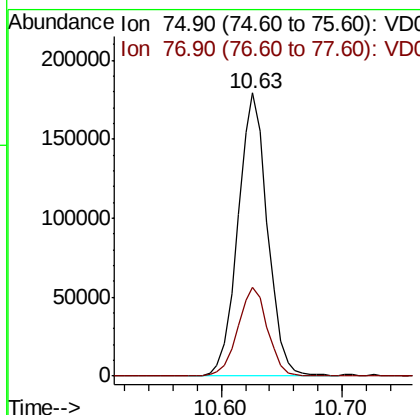
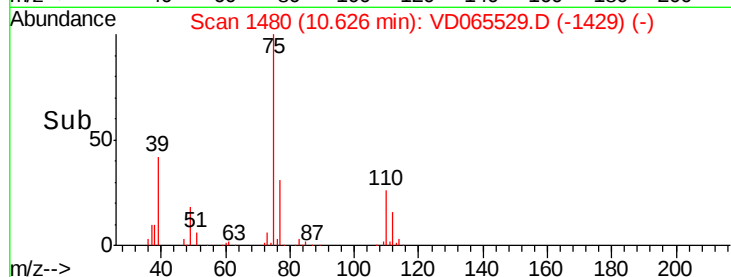
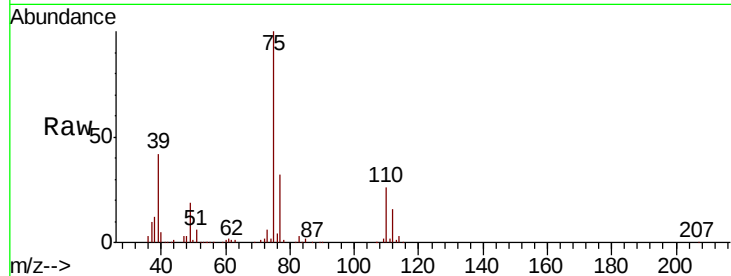
#53
 t-1,3-Dichloropropene
 Concen: 49.023 ug/l
 RT: 10.63 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VD065529.D
 Acq: 26 Mar 2020 17:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion: 75 Resp: 305294
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.2 37.8

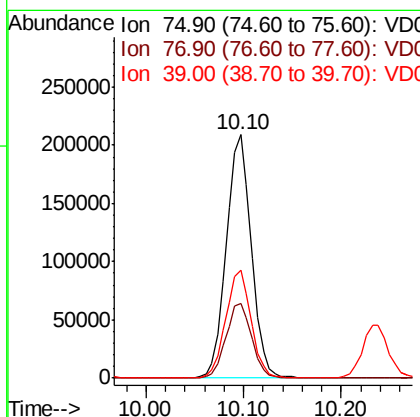
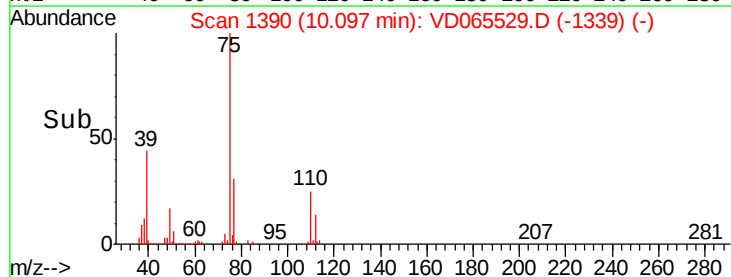
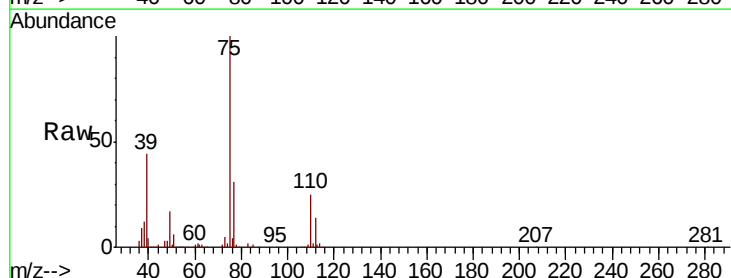
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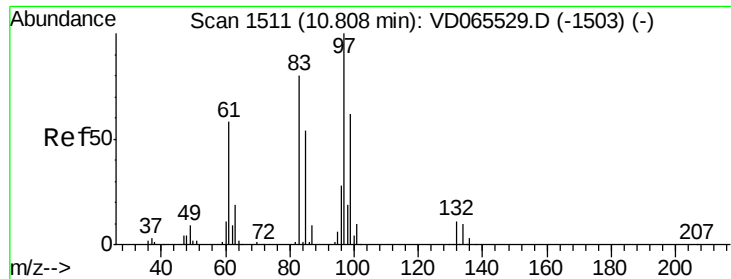
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#54
 cis-1,3-Dichloropropene
 Concen: 49.373 ug/l
 RT: 10.10 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: VD065529.D
 Acq: 26 Mar 2020 17:02

Tgt Ion: 75 Resp: 371830
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.6 36.8
 39 44.3 35.4 53.2





#55

1,1,2-Trichloroethane

Concen: 48.233 ug/l

RT: 10.81 min Scan# 1511

Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

Instrument :

MSVOA_D

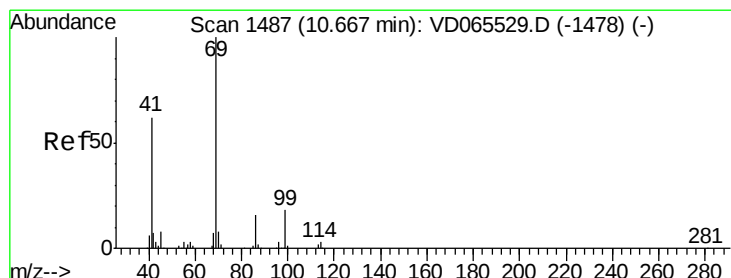
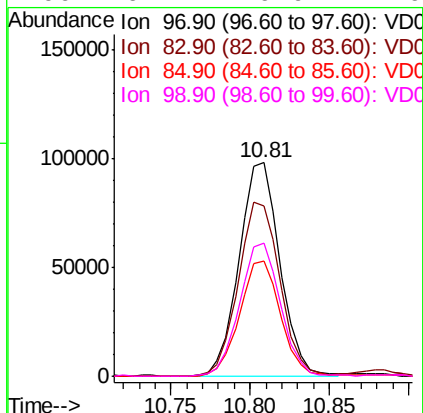
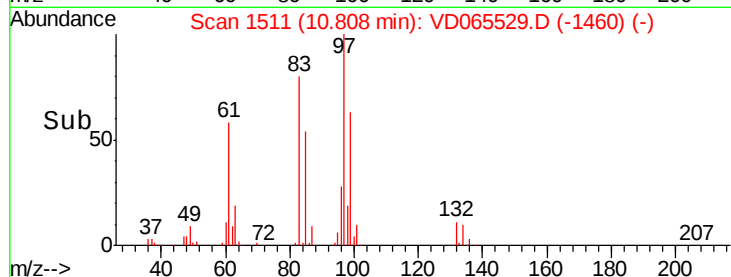
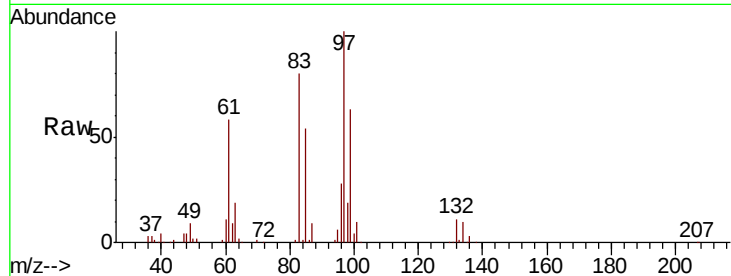
ClientSampleId :

VSTDICCC050

Tot Ion:	97	Resp:	175728
Ion	Ratio	Lower	Upper
97	100		
83	79.7	63.8	95.6
85	53.6	42.9	64.3
99	62.4	49.9	74.9

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#56

Ethyl methacrylate

Concen: 51.048 ug/l

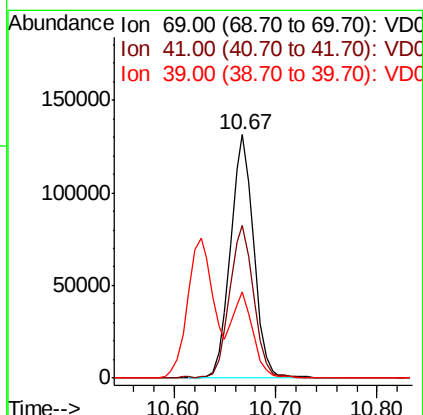
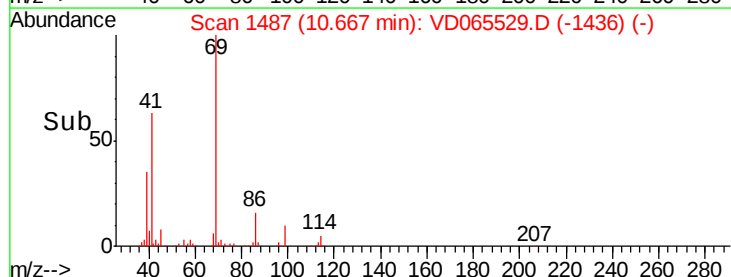
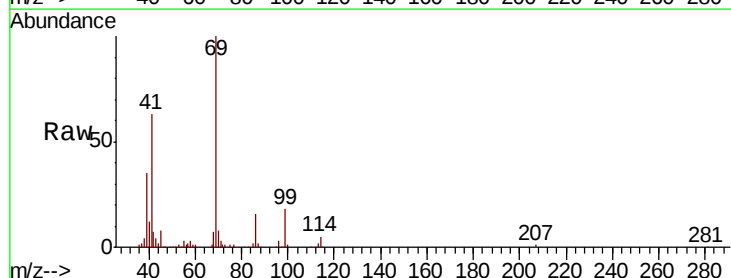
RT: 10.67 min Scan# 1487

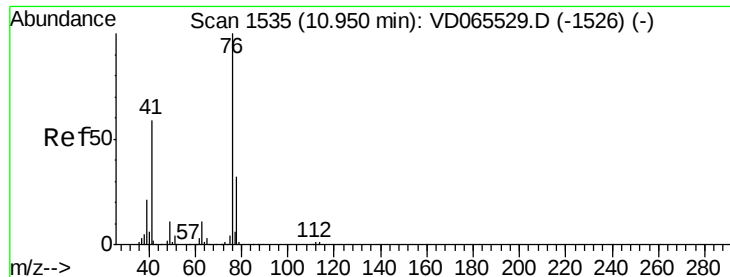
Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

Tgt Ion:	69	Resp:	209392
Ion	Ratio	Lower	Upper
69	100		
41	64.1	51.3	76.9
39	31.6	25.3	37.9





#57

1,3-Dichloropropane

Concen: 48.577 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 299124

Ion Ratio Lower Upper

76 100

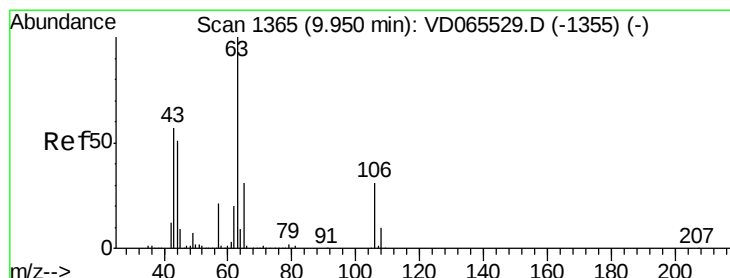
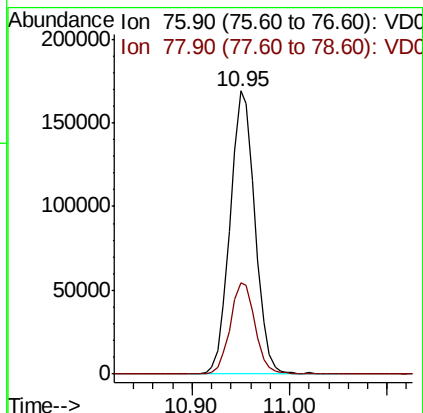
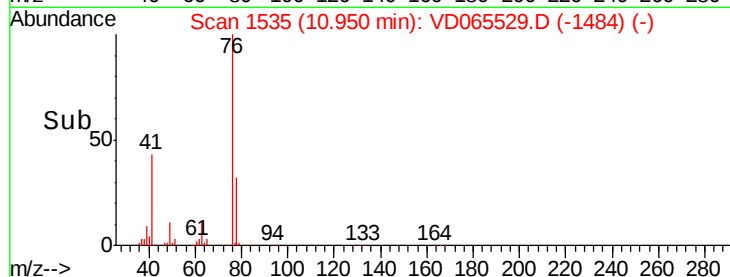
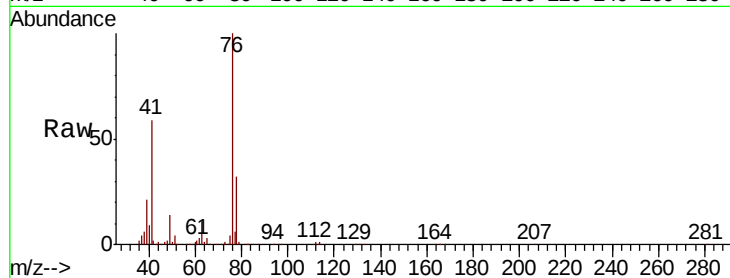
78 32.1 25.7 38.5

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#58

2-Chloroethyl Vinyl ether

Concen: 366.086 ug/l

RT: 9.95 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VD065529.D

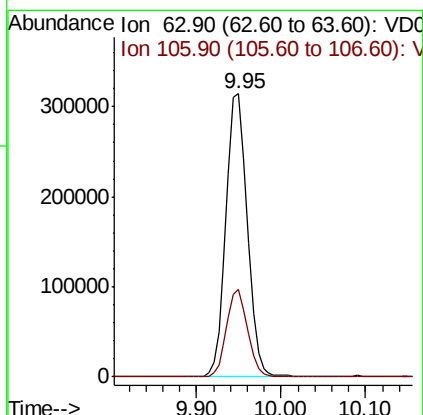
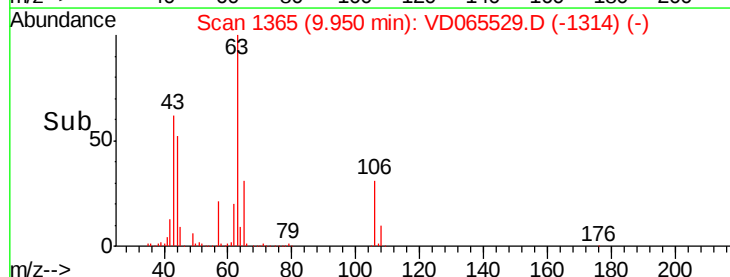
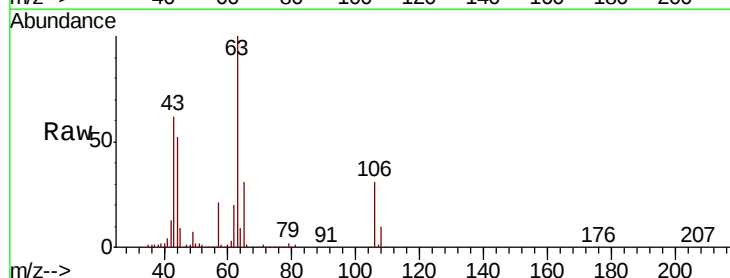
Acq: 26 Mar 2020 17:02

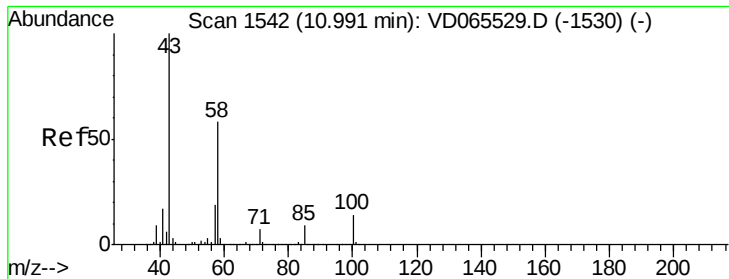
Tgt Ion: 63 Resp: 548812

Ion Ratio Lower Upper

63 100

106 30.4 24.3 36.5





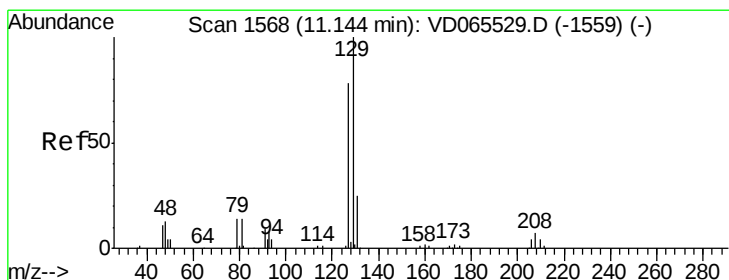
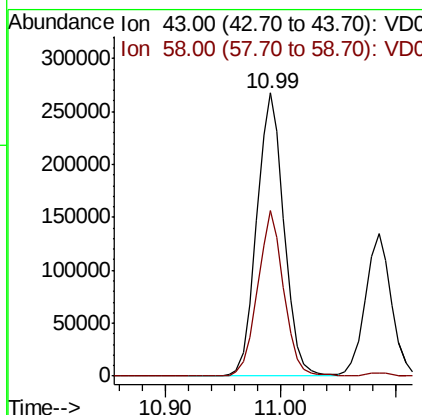
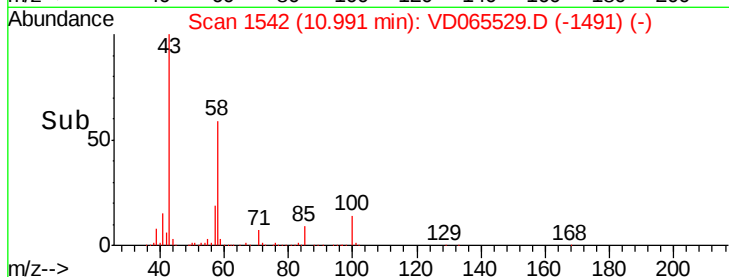
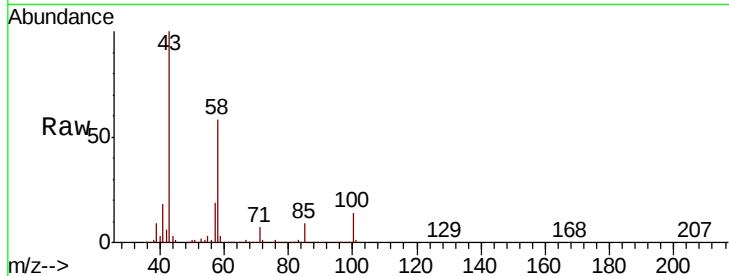
#59
2-Hexanone
Concen: 243.778 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 440619
Ion Ratio Lower Upper
43 100
58 55.8 27.9 83.7

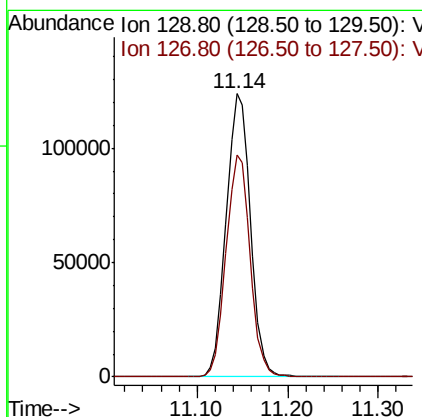
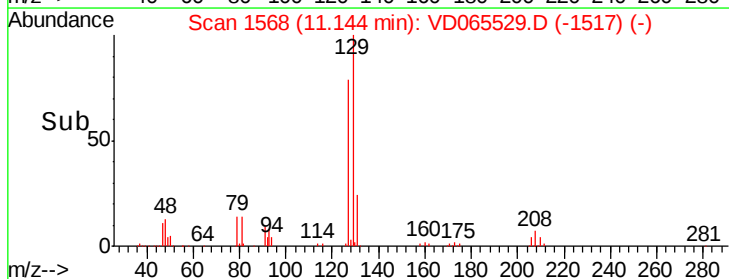
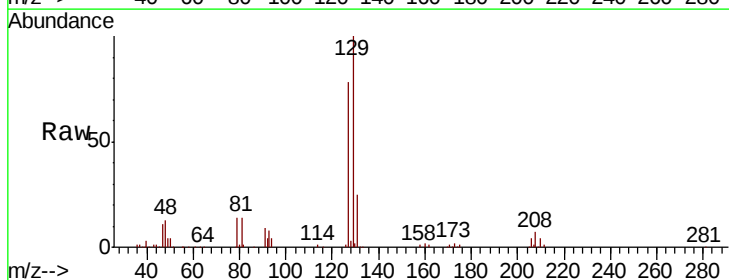
Manual Integrations
APPROVED

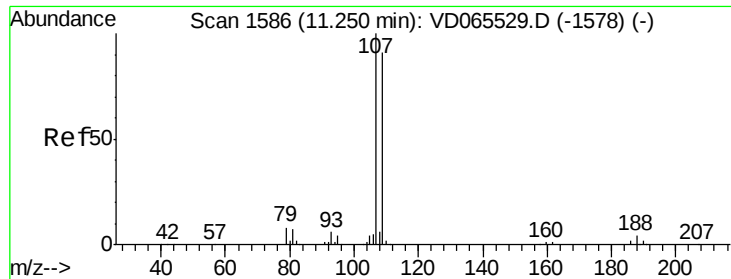
apatel
3/27/2020 10:12:22 AM



#60
Dibromochloromethane
Concen: 49.337 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Tgt Ion: 129 Resp: 230861
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.6





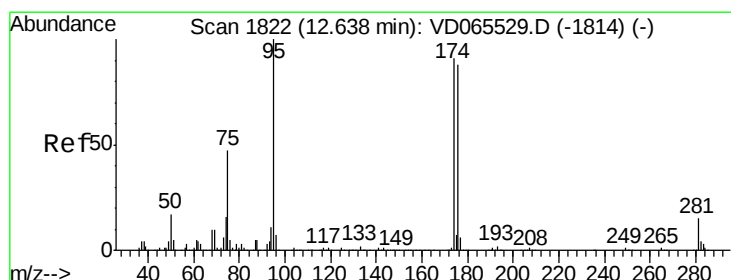
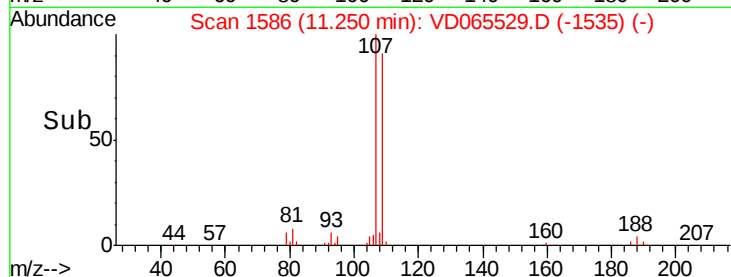
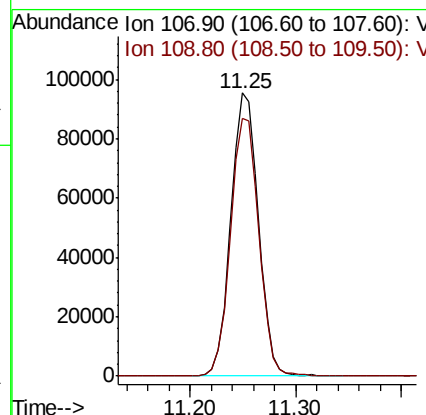
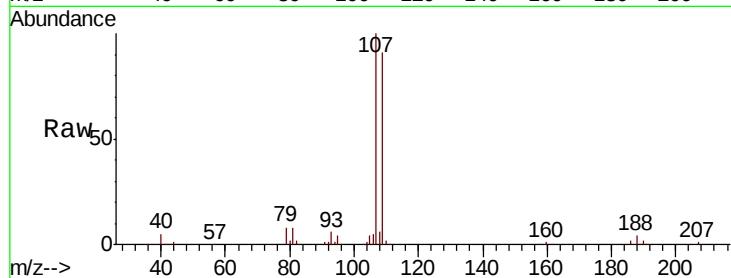
#61
1,2-Dibromoethane
Concen: 49.201 ug/l
RT: 11.25 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.6	74.9	112.3

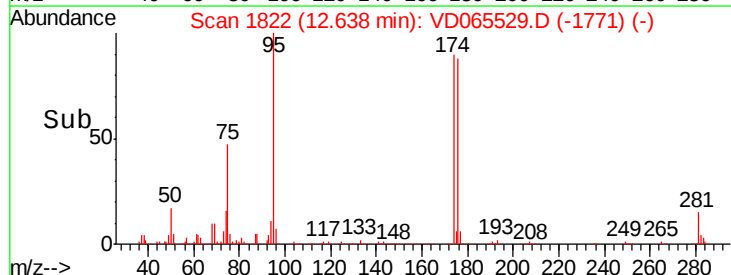
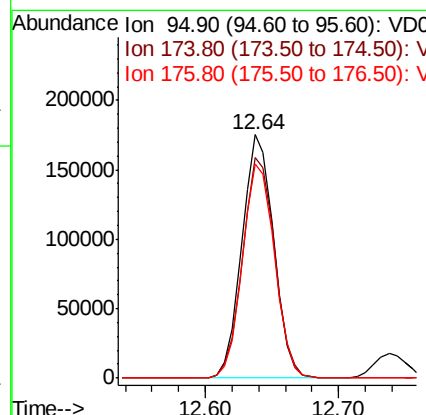
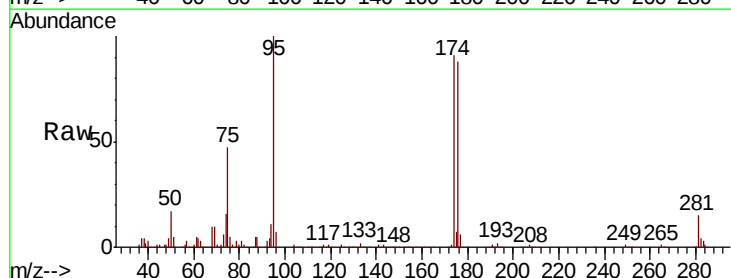
Manual Integrations
APPROVED

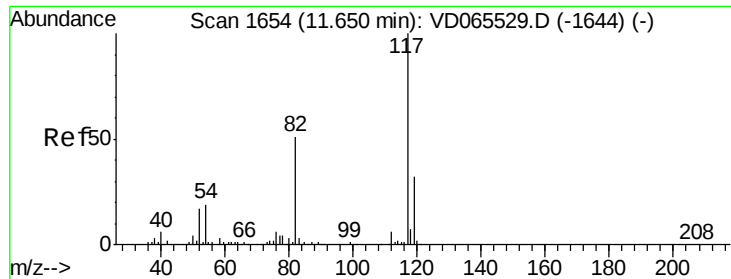
apatel
3/27/2020 10:12:22 AM



#62
4-Bromofluorobenzene
Concen: 51.524 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.9	0.0	183.8
176	89.1	0.0	178.2





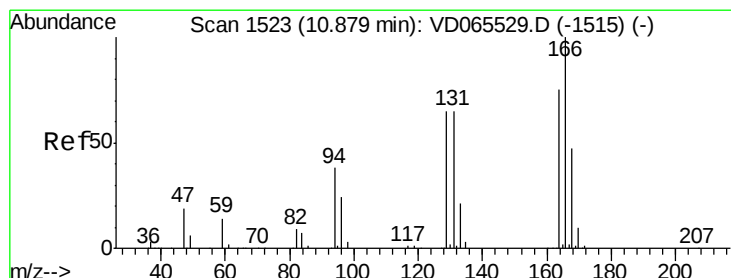
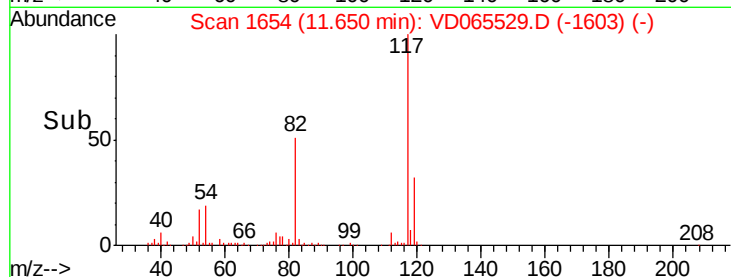
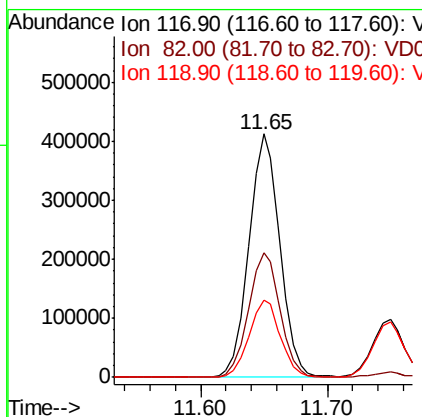
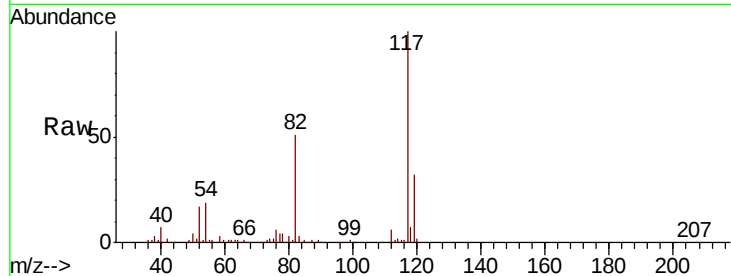
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.3	41.0	61.6
119	31.9	25.5	38.3

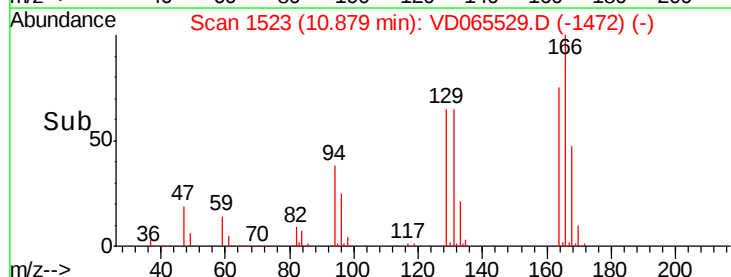
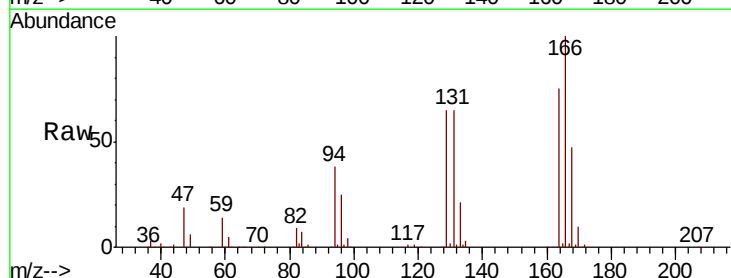
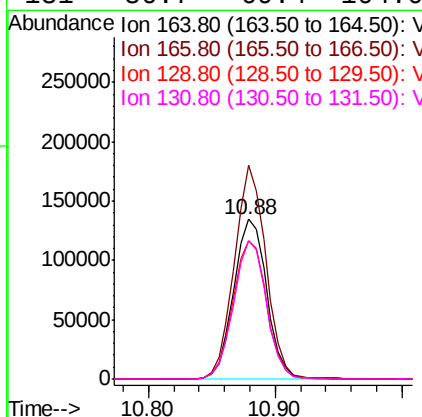
Manual Integrations
APPROVED

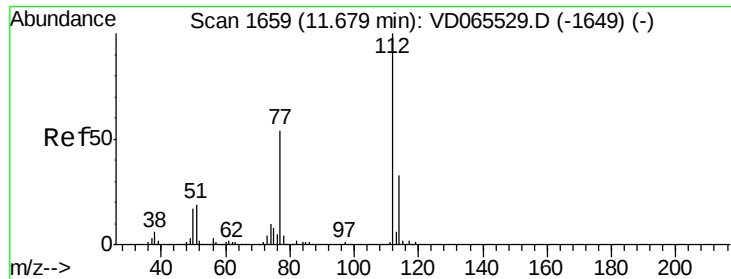
apatel
3/27/2020 10:12:22 AM



#64
Tetrachloroethene
Concen: 48.717 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.9	107.1	160.7
129	86.5	69.2	103.8
131	86.7	69.4	104.0





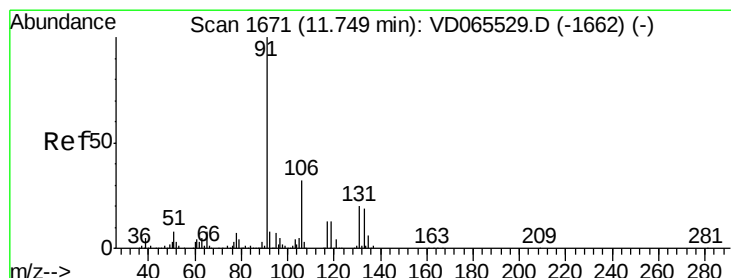
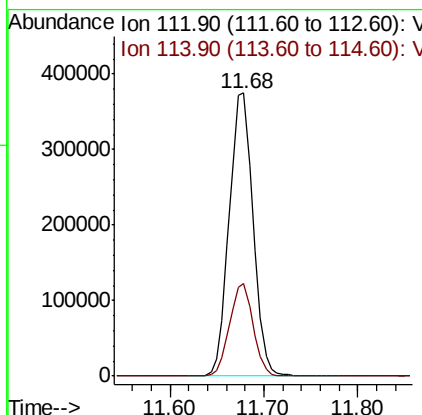
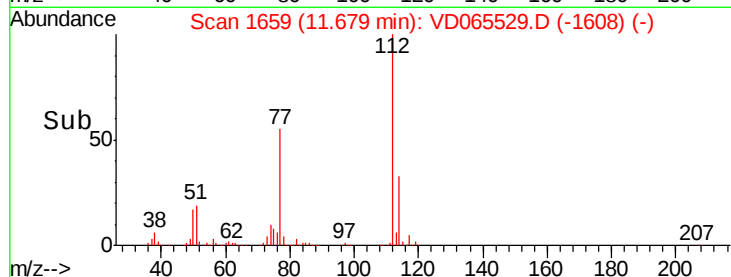
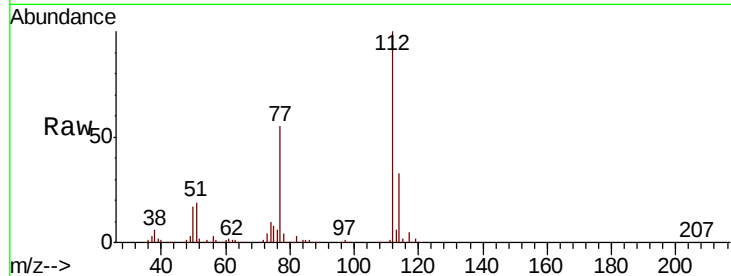
#65
Chlorobenzene
Concen: 48.246 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion:112 Resp: 663482
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0

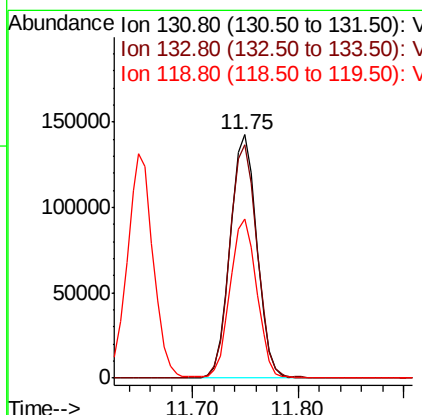
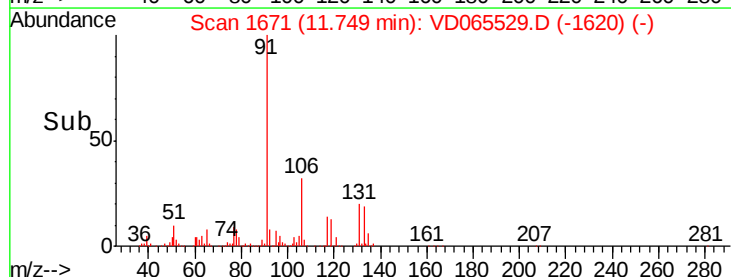
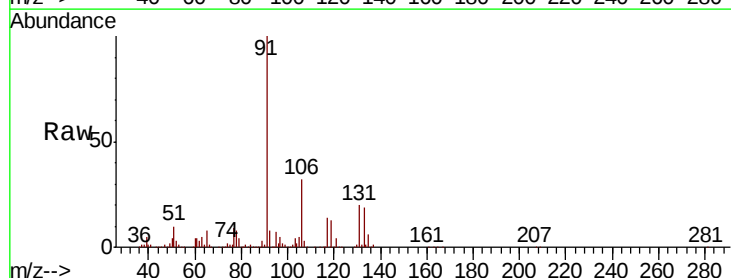
Manual Integrations
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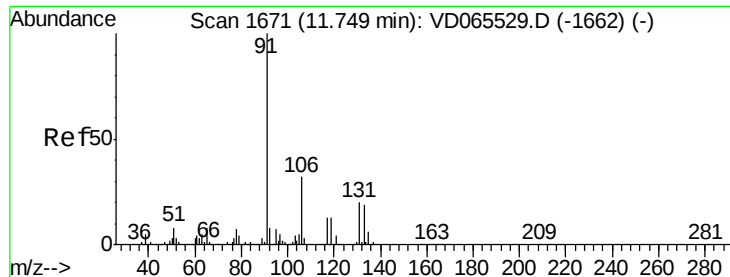
apatel
3/27/2020 10:12:22 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.445 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Tgt Ion:131 Resp: 249048
Ion Ratio Lower Upper
131 100
133 97.8 48.9 146.7
119 64.9 32.5 97.4





#67

Ethyl Benzene

Concen: 49.809 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

Instrument :

MSVOA_D

ClientSampleID :

VSTDICCC050

Tot Ion: 91 Resp: 1179250

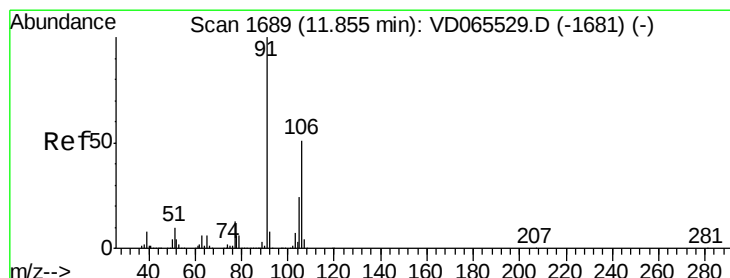
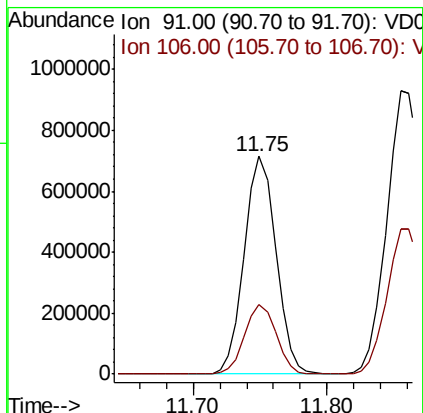
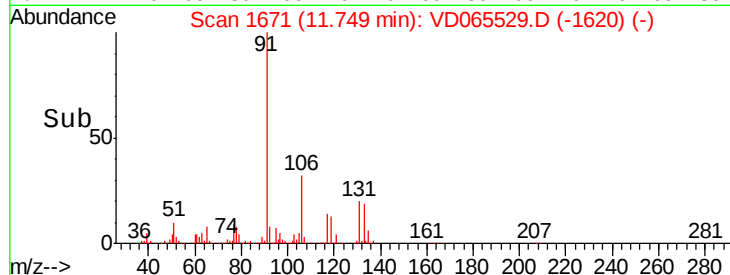
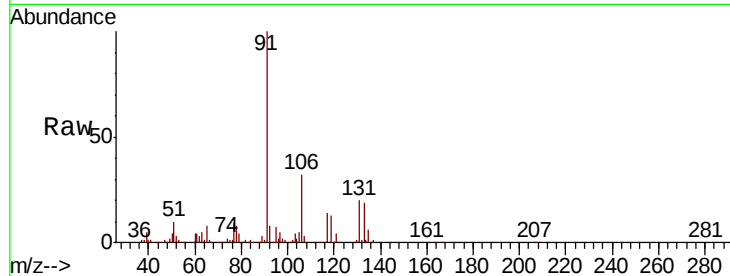
Ion Ratio Lower Upper

91 100

106 31.7 25.4 38.0

Manual Integrations
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#68

m/p-Xylenes

Concen: 100.942 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD065529.D

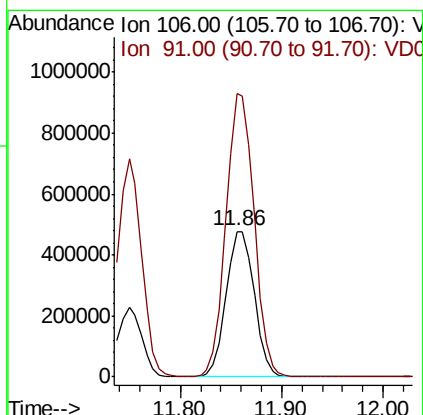
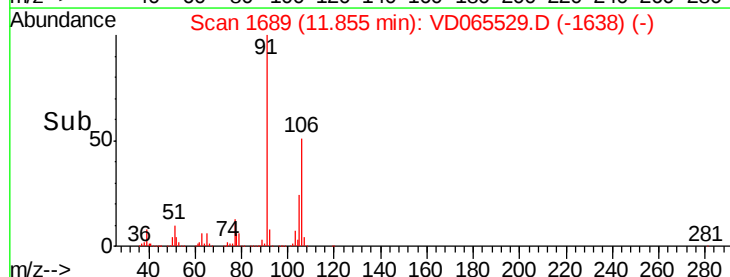
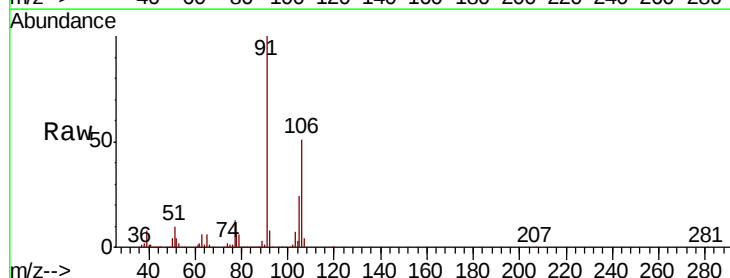
Acq: 26 Mar 2020 17:02

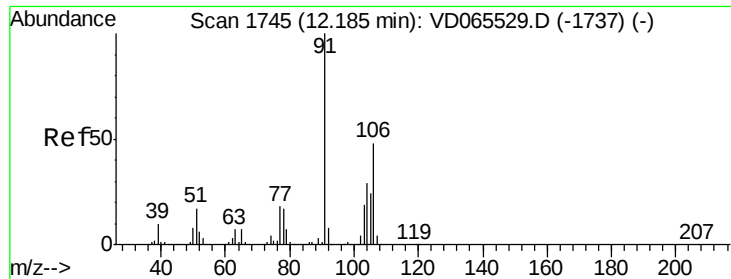
Tgt Ion: 106 Resp: 922325

Ion Ratio Lower Upper

106 100

91 194.2 155.4 233.0





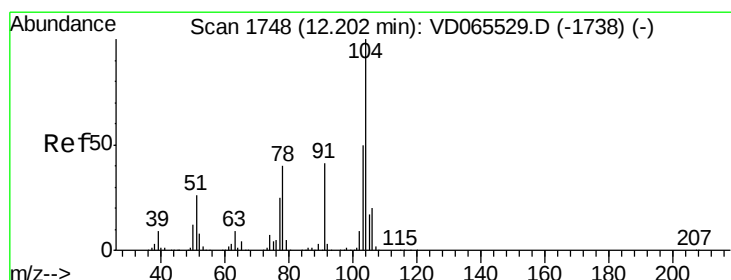
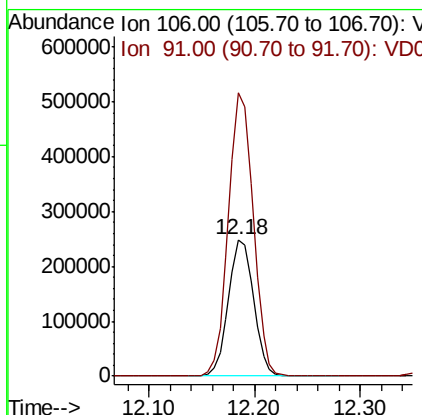
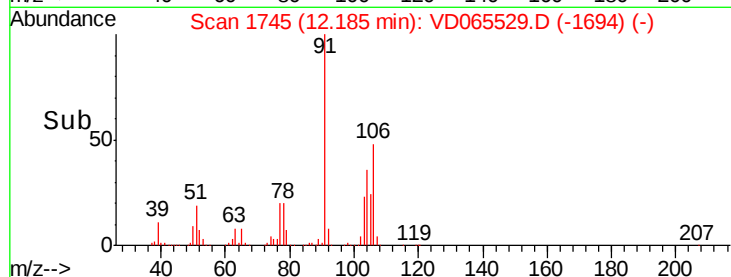
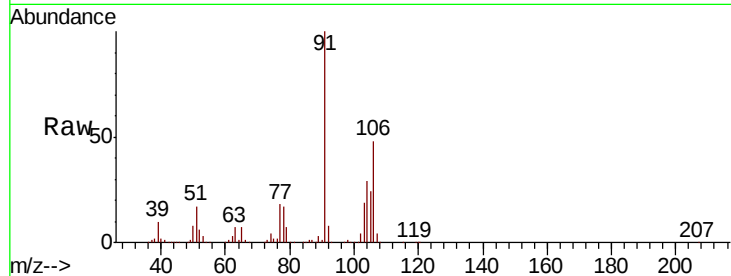
#69
o-Xylene
Concen: 50.919 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	205.6	102.8	308.4

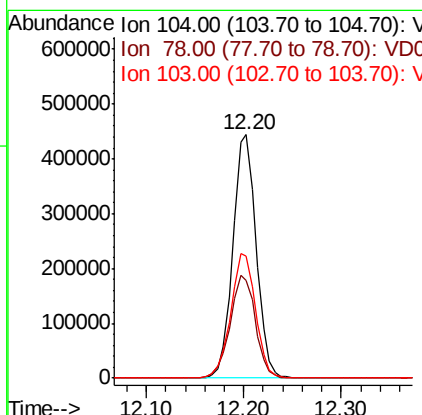
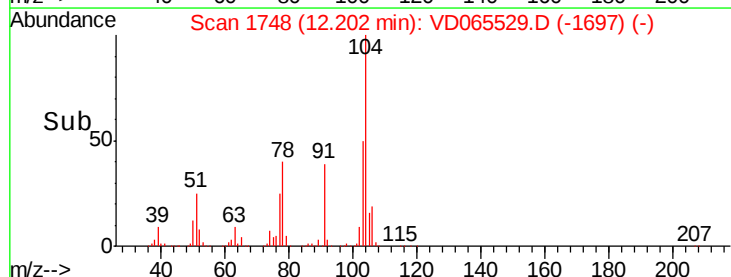
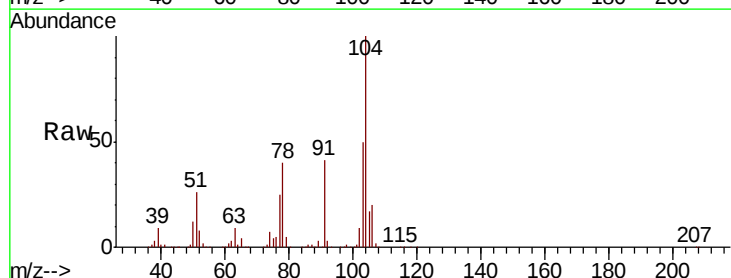
Manual Integrations
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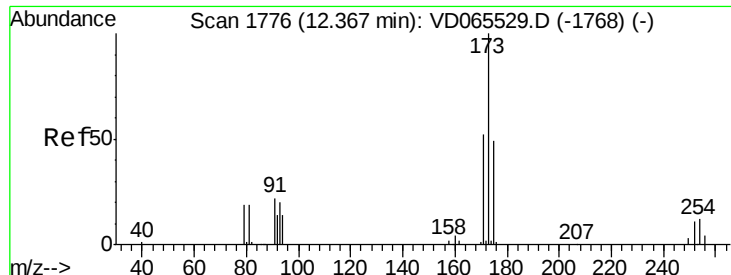
apatel
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#70
Styrene
Concen: 51.638 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	45.8	36.6	55.0
103	103	54.7	43.8	65.6





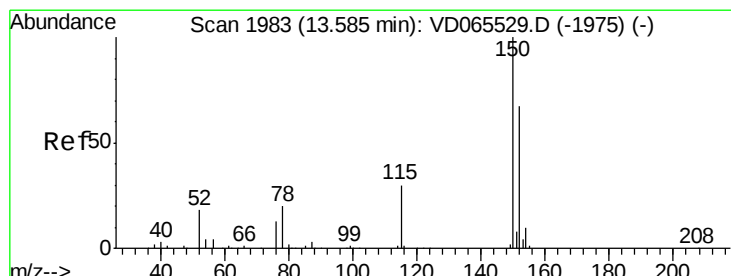
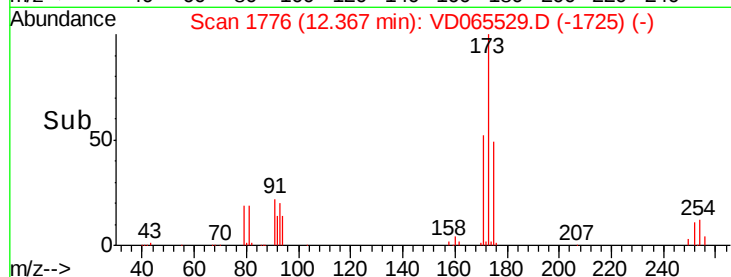
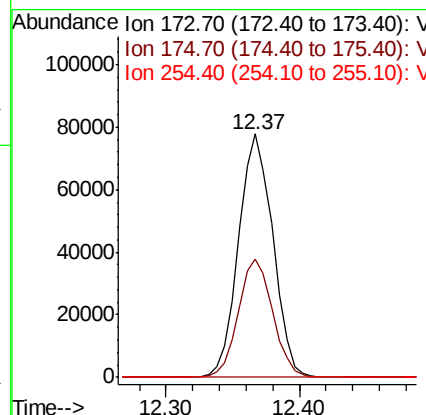
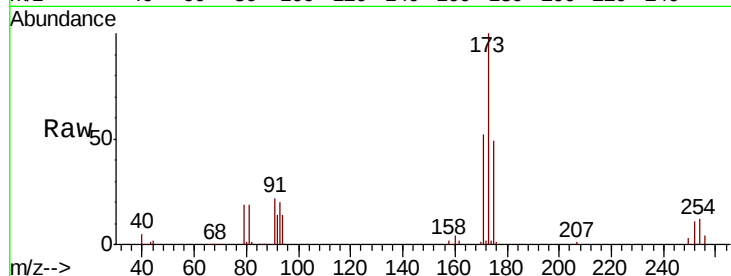
#71
Bromoform
Concen: 48.779 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.3	72.8
254	0.0	0.0	0.0

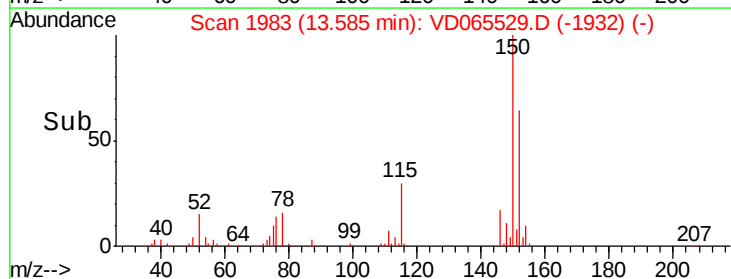
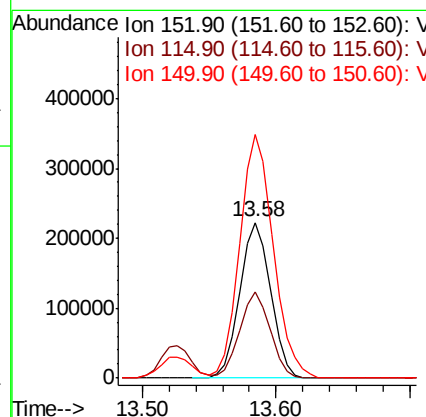
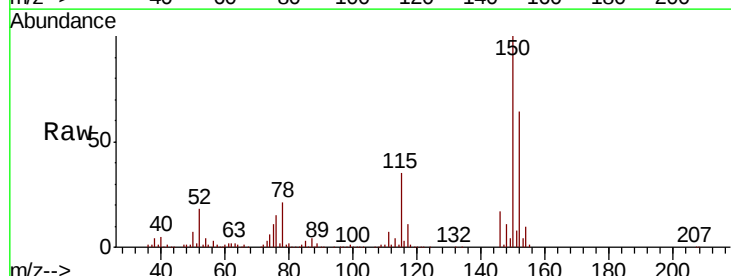
Manual Integrations
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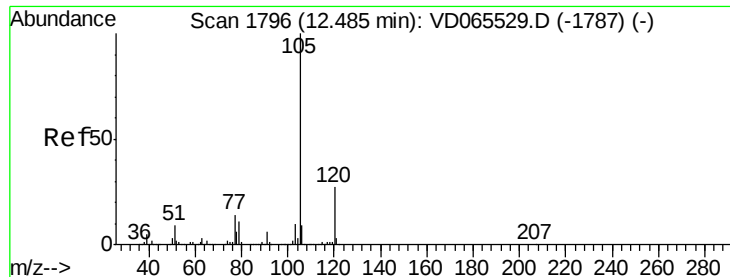
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.4	27.2	81.6
150	170.1	0.0	340.2





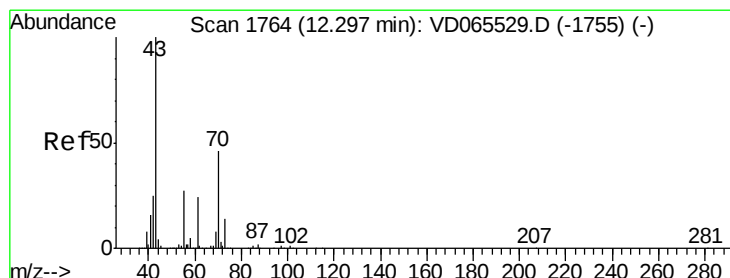
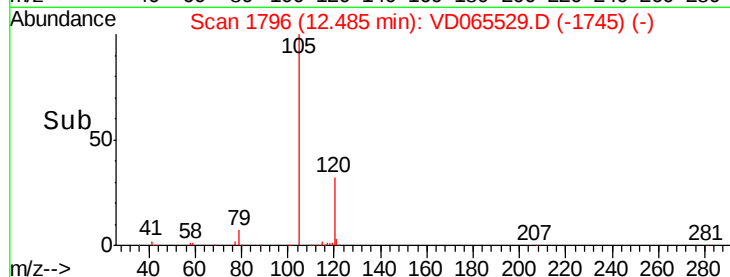
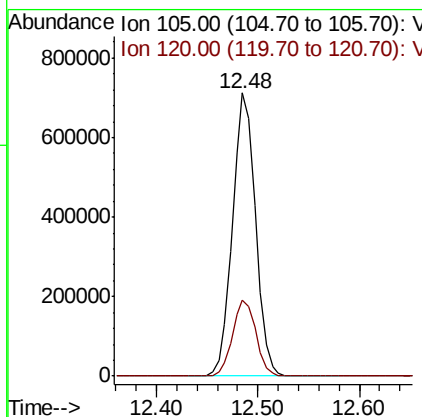
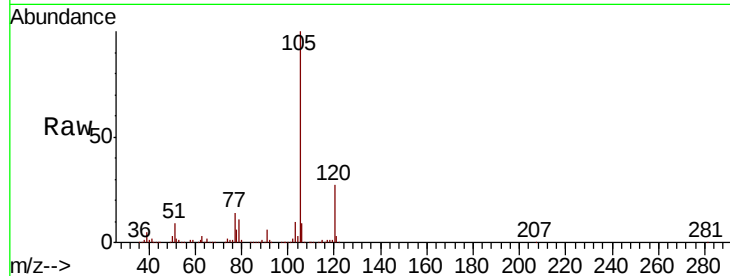
#73
Isopropylbenzene
Concen: 48.749 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion: 105 Resp: 1120544
Ion Ratio Lower Upper
105 100
120 27.3 13.7 41.0

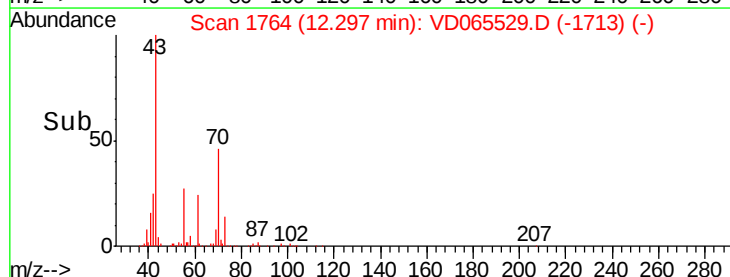
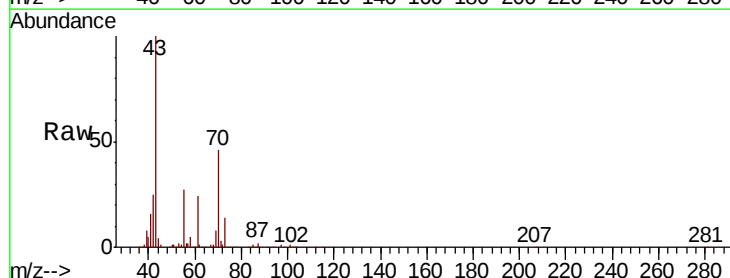
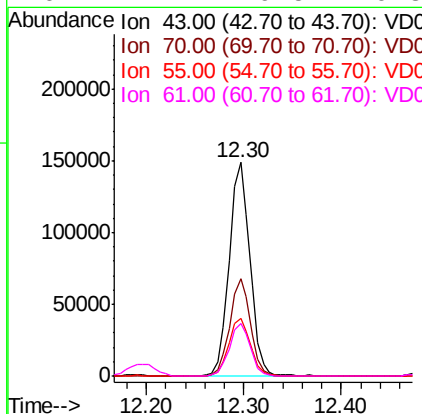
Manual Integrations
APPROVED

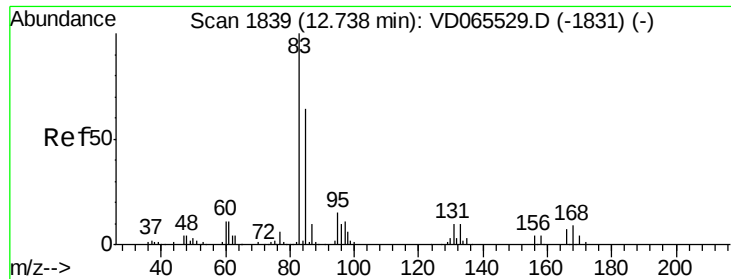
apatel
3/27/2020 10:12:22 AM



#74
N-ethyl acetate
Concen: 46.755 ug/l
RT: 12.30 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Tgt Ion: 43 Resp: 220279
Ion Ratio Lower Upper
43 100
70 45.2 36.2 54.2
55 27.8 22.2 33.4
61 24.4 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 45.170 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

Instrument :

MSVOA_D

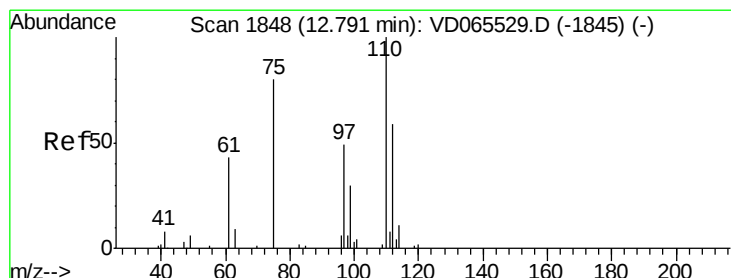
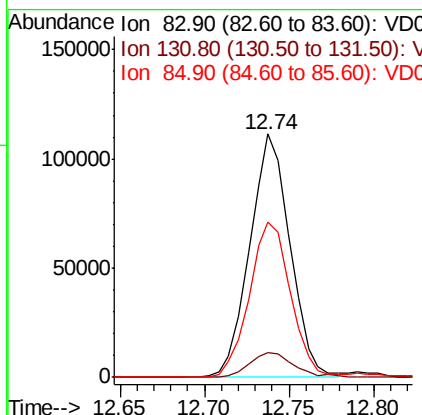
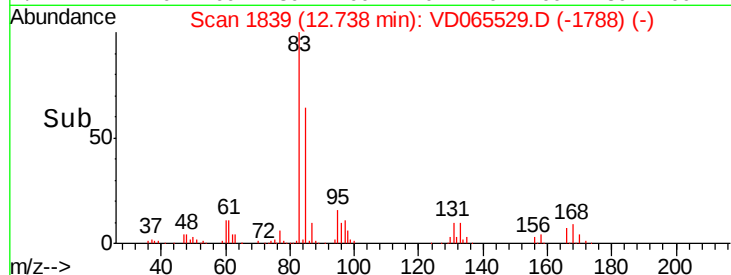
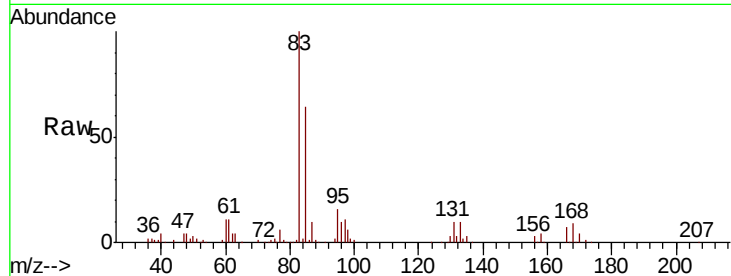
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	183437
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.6	16.8
85	65.3	32.6	98.0

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#76

1,2,3-Trichloropropane

Concen: 50.945 ug/l m

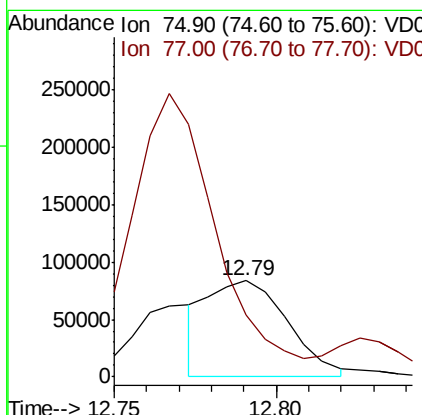
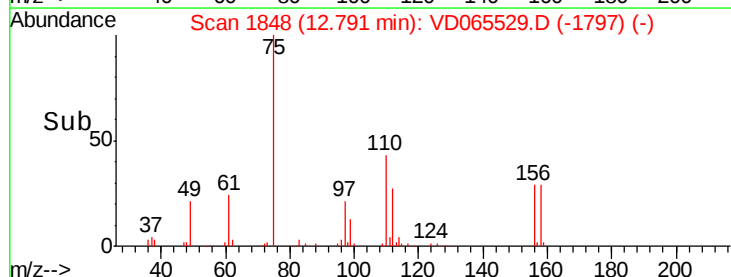
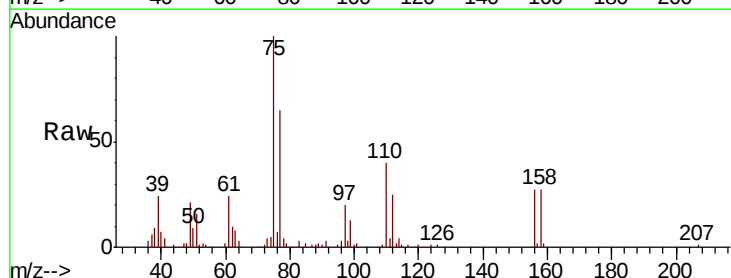
RT: 12.79 min Scan# 1848

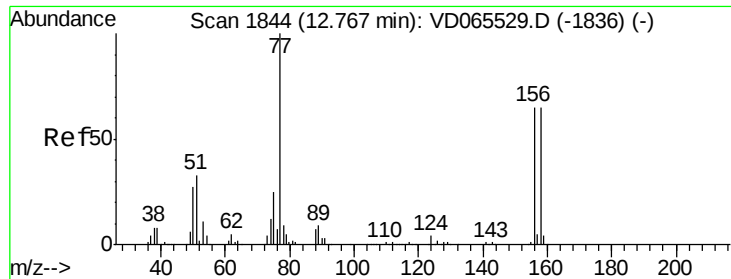
Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

Tgt Ion:	75	Resp:	144497
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 48.383 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

Instrument :

MSVOA_D

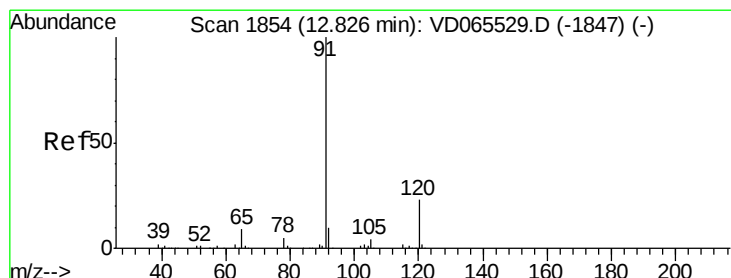
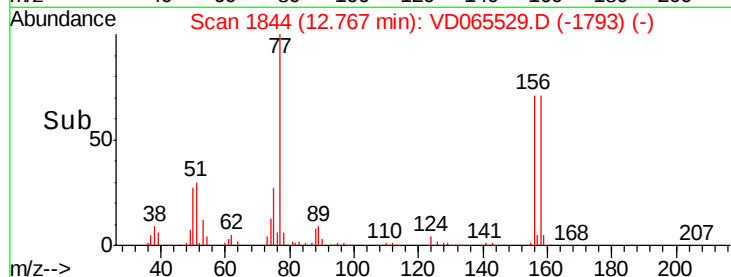
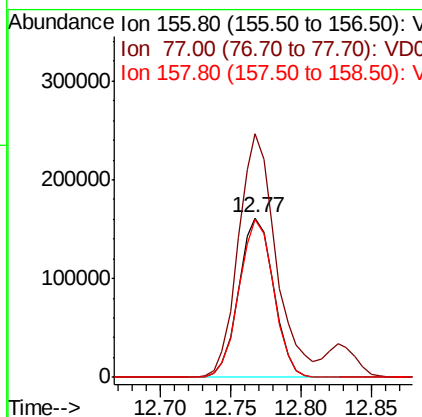
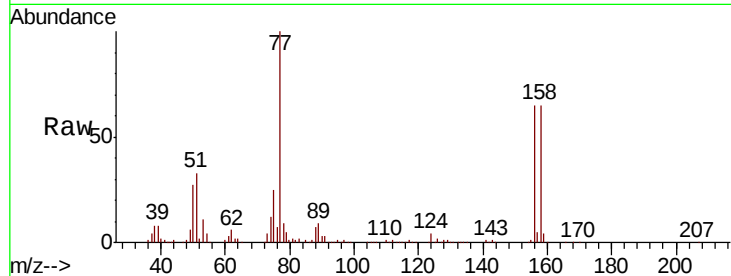
ClientSampleId :

VSTDICCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	163.5	81.8	245.3
158	98.3	49.1	147.4

Manual Integrations
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#78

n-propylbenzene

Concen: 49.281 ug/l

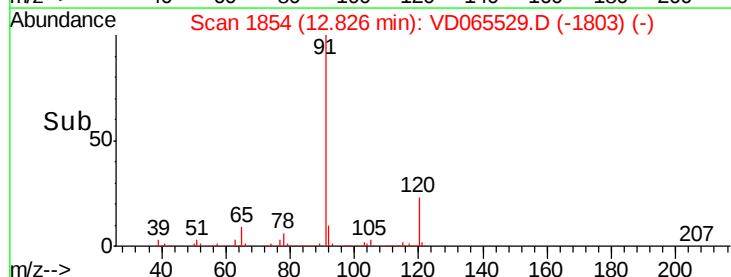
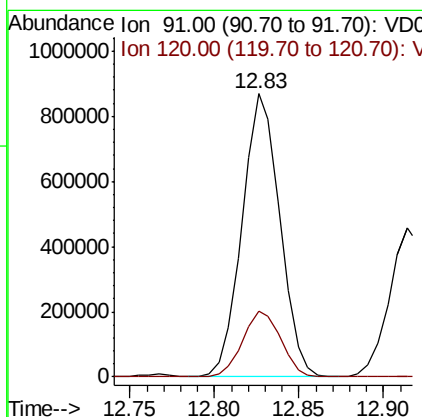
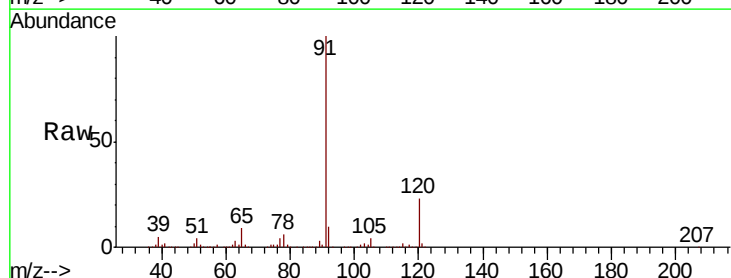
RT: 12.83 min Scan# 1854

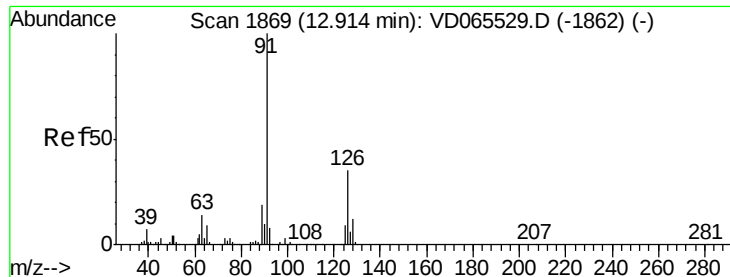
Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.8	35.4





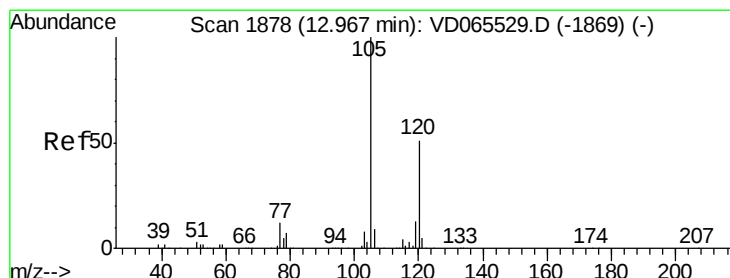
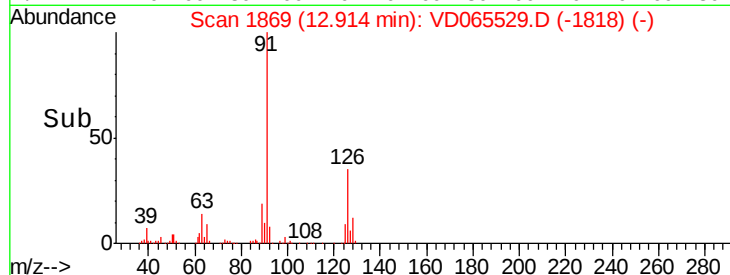
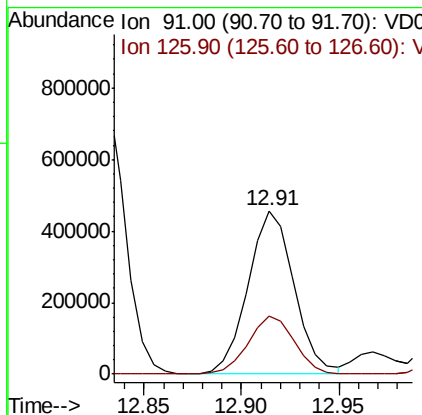
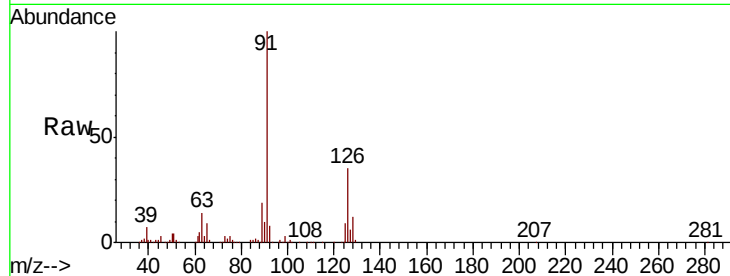
#79
2-Chlorotoluene
Concen: 48.264 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 746058
Ion Ratio Lower Upper
91 100
126 35.6 17.8 53.4

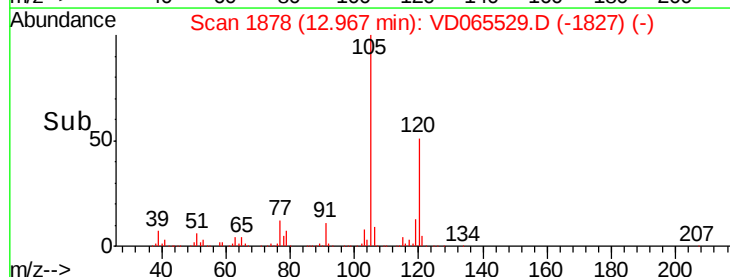
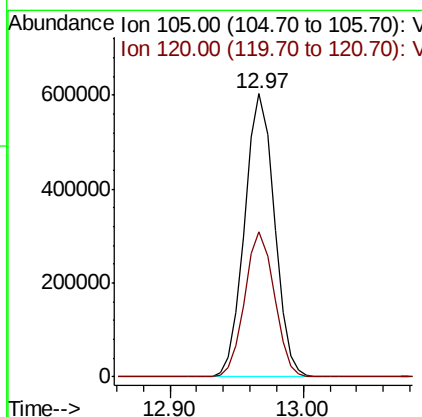
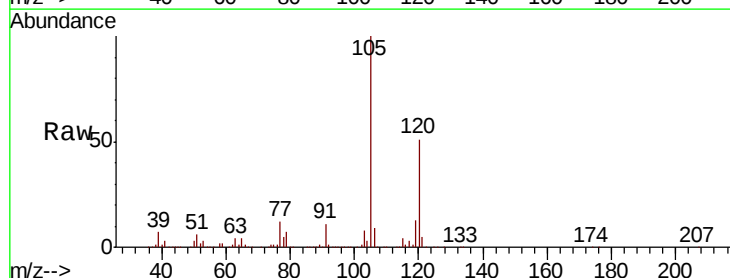
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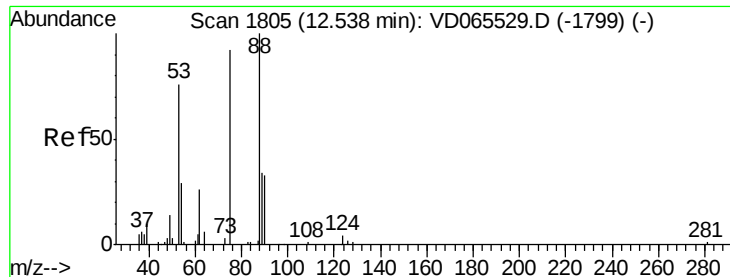
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#80
1,3,5-Trimethylbenzene
Concen: 49.091 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Tgt Ion: 105 Resp: 928458
Ion Ratio Lower Upper
105 100
120 51.1 25.6 76.6





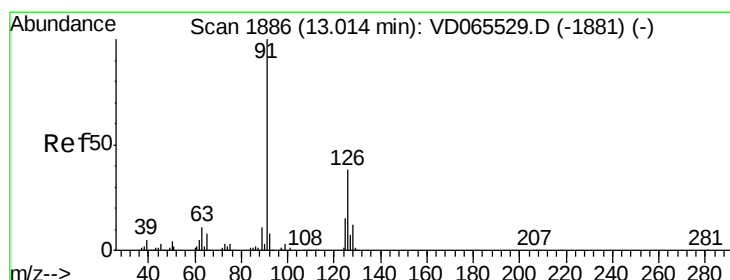
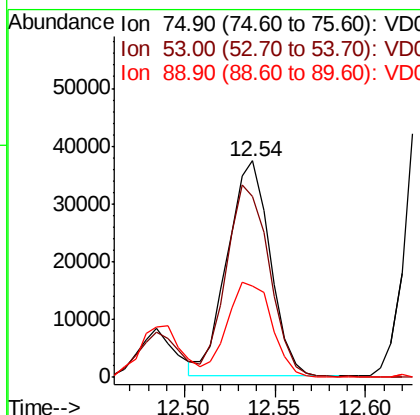
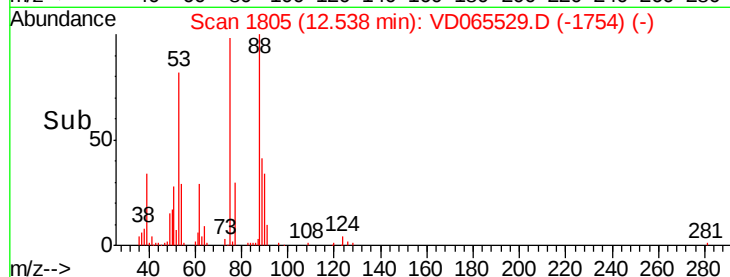
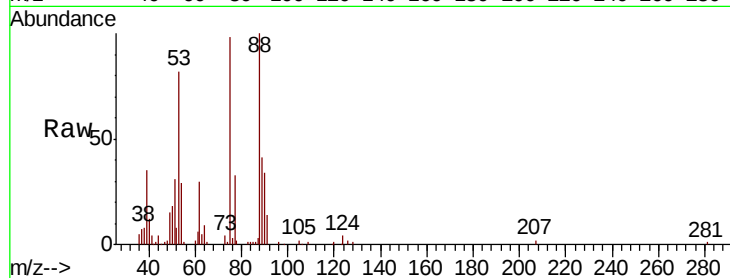
#81
trans-1,4-Dichloro-2-butene
Concen: 46.605 ug/l
RT: 12.54 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.5	72.4	108.6
89	46.1	36.9	55.3

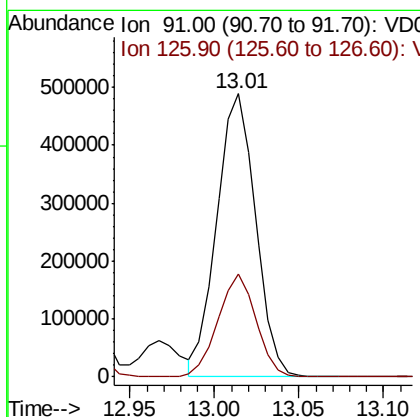
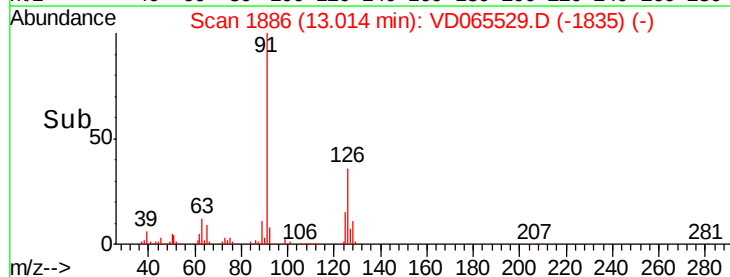
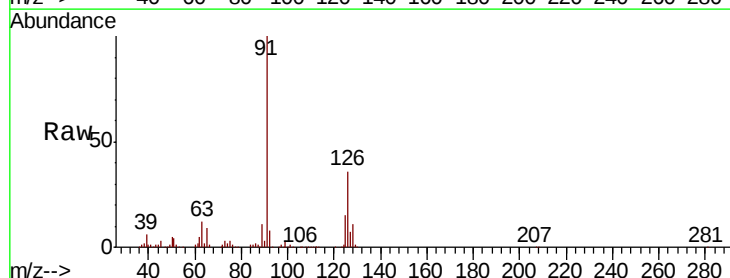
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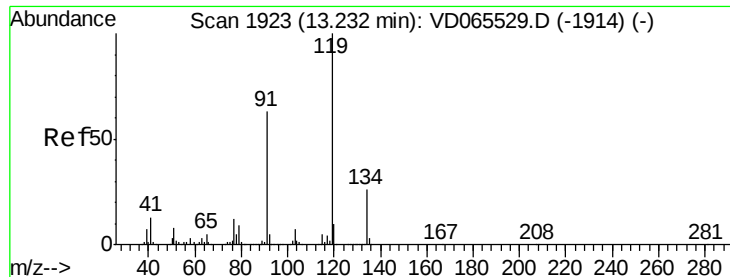
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#82
4-Chlorotoluene
Concen: 48.124 ug/l
RT: 13.01 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.8	17.9	53.7





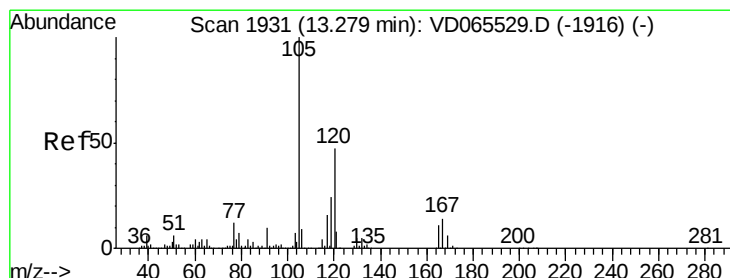
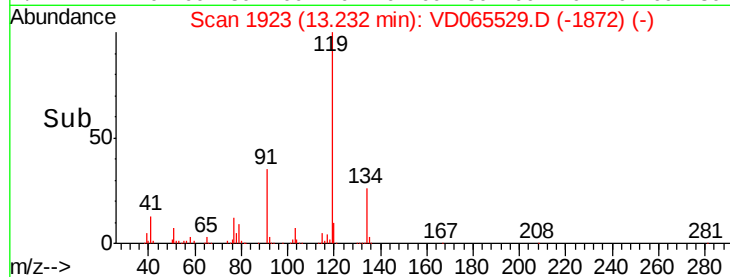
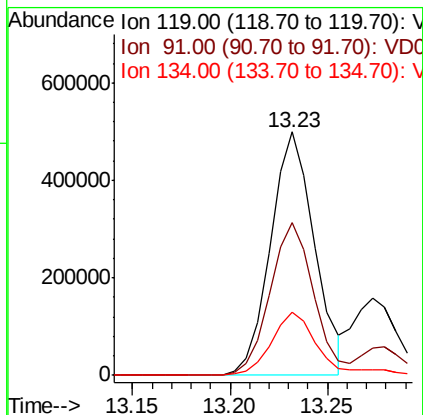
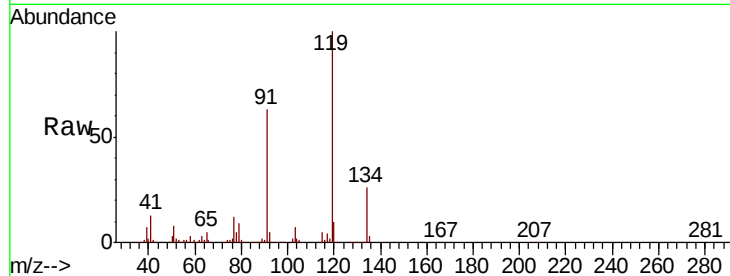
#83
tert-Butylbenzene
Concen: 48.642 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.7	31.4	94.0
134	27.7	13.9	41.6

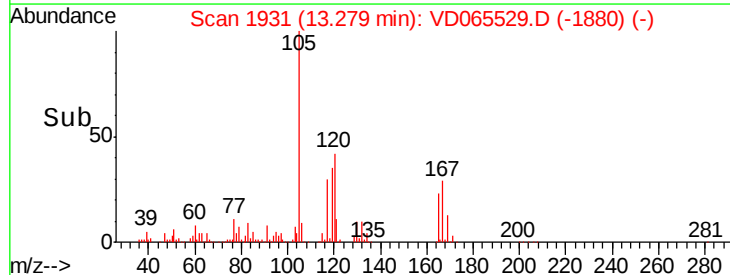
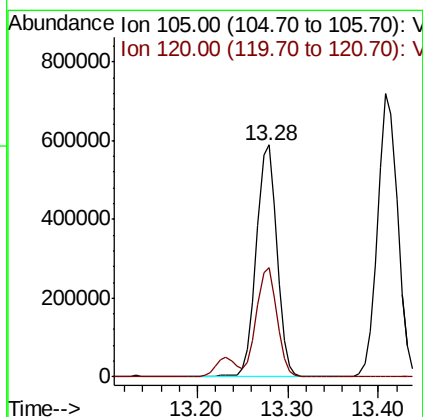
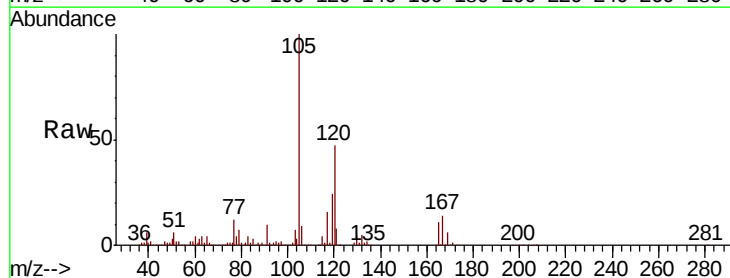
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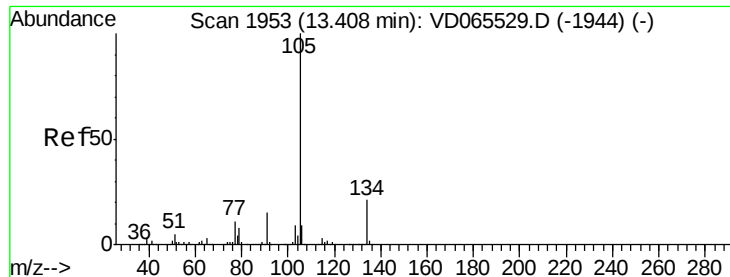
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#84
1,2,4-Trimethylbenzene
Concen: 49.915 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.0	23.5	70.5





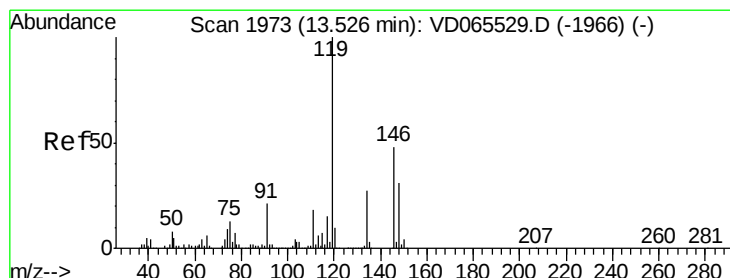
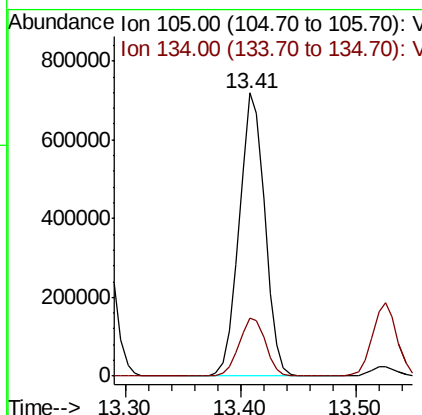
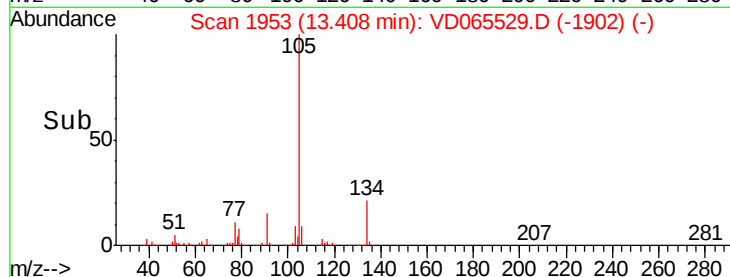
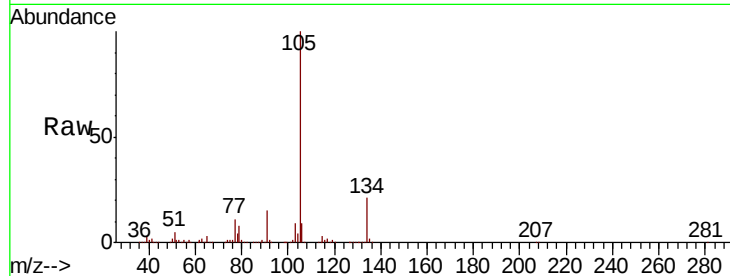
#85
 sec-Butylbenzene
 Concen: 48.426 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD065529.D
 Acq: 26 Mar 2020 17:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion:105 Resp: 1104030
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.6 31.8

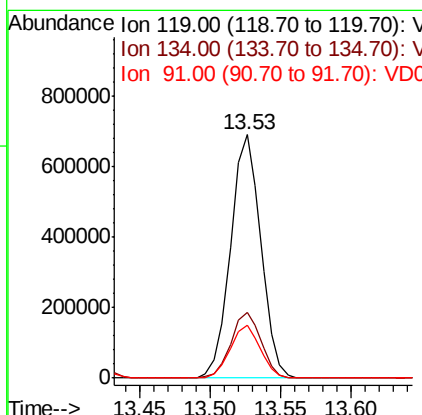
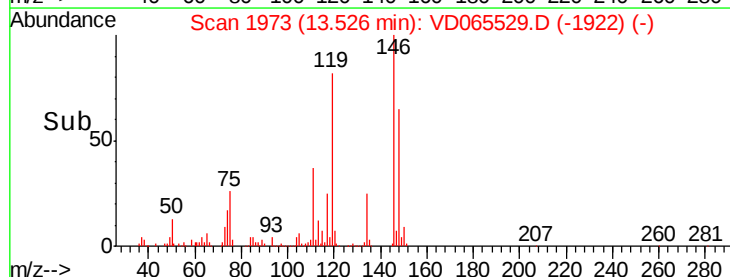
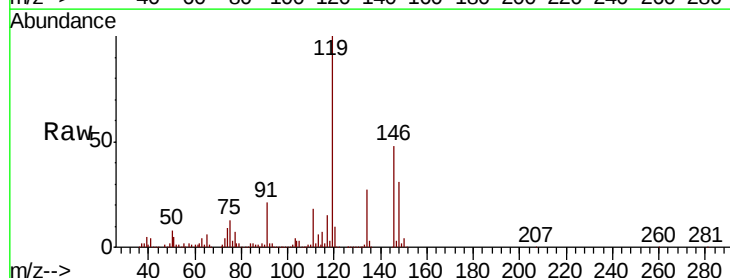
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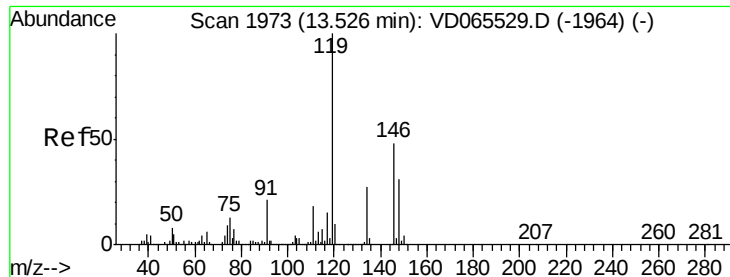
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#86
 p-Isopropyltoluene
 Concen: 49.352 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD065529.D
 Acq: 26 Mar 2020 17:02

Tgt Ion:119 Resp: 1027907
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.5 40.5
 91 21.5 10.8 32.3





#87

1,3-Dichlorobenzene

Concen: 47.965 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

Instrument :

MSVOA_D

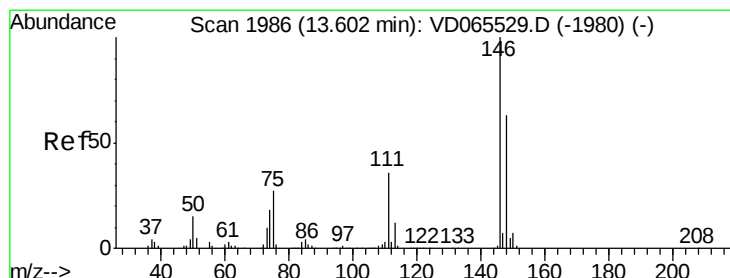
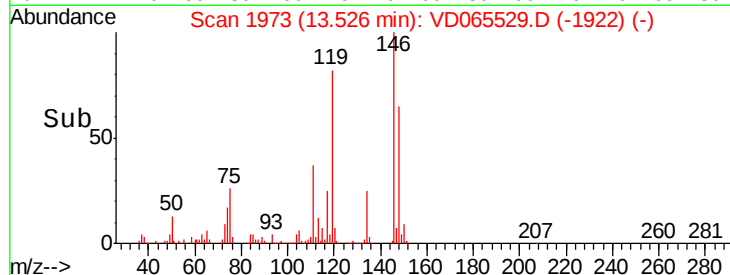
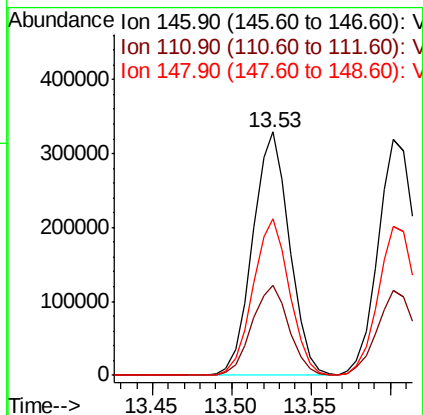
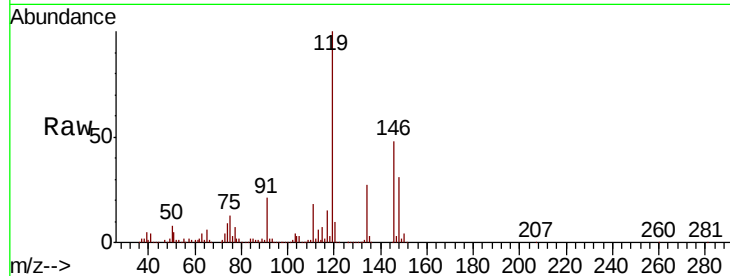
ClientSampleId :

VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.5	55.5
148	63.6	31.8	95.4

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 47.685 ug/l

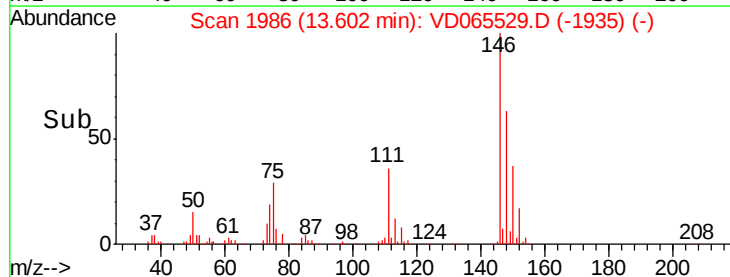
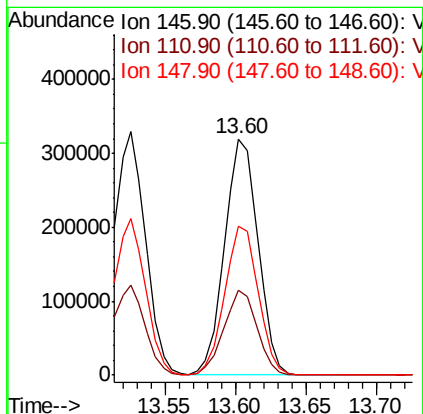
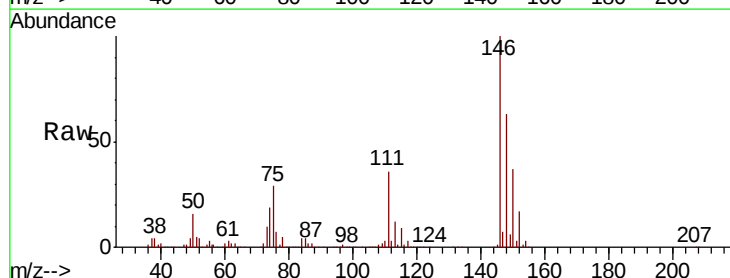
RT: 13.60 min Scan# 1986

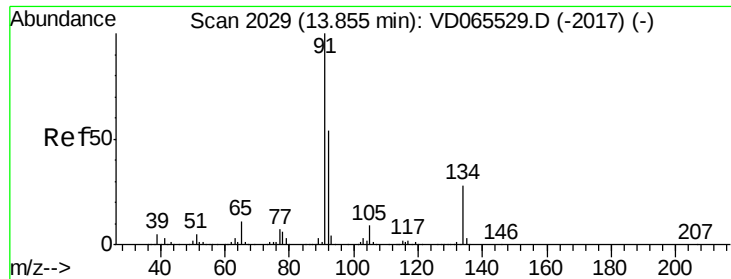
Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.0	18.0	54.0
148	63.2	31.6	94.8





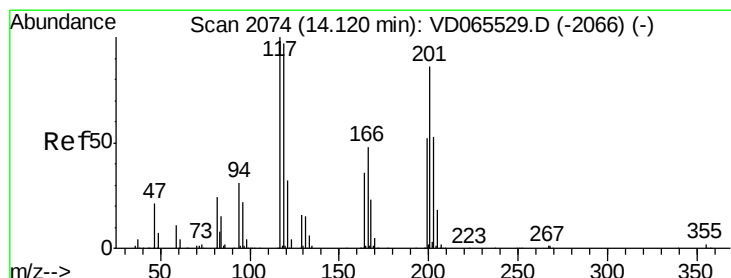
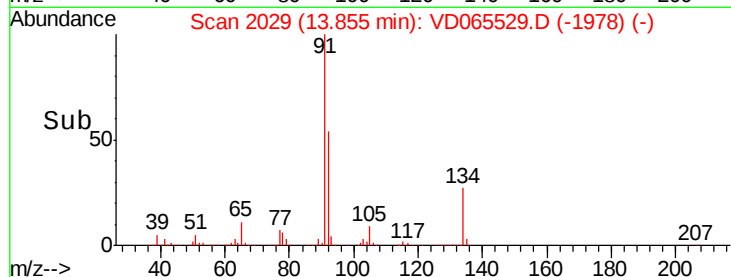
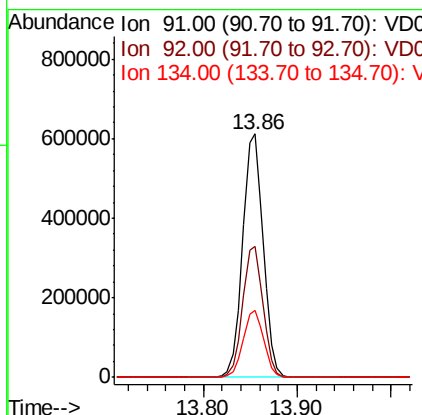
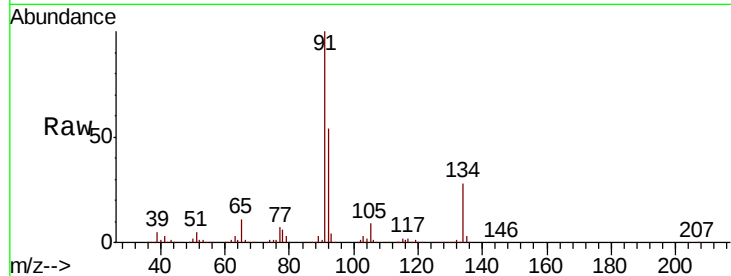
#89
n-Butylbenzene
Concen: 48.172 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

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

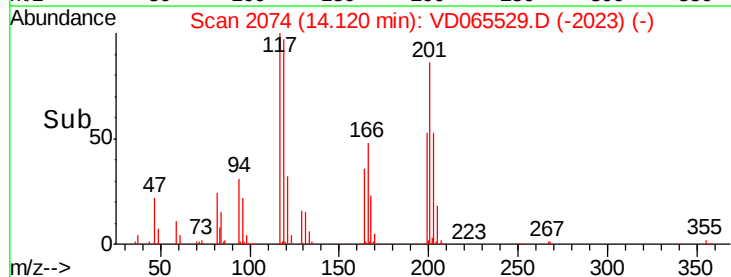
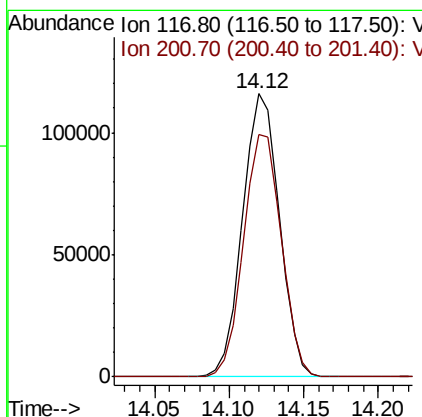
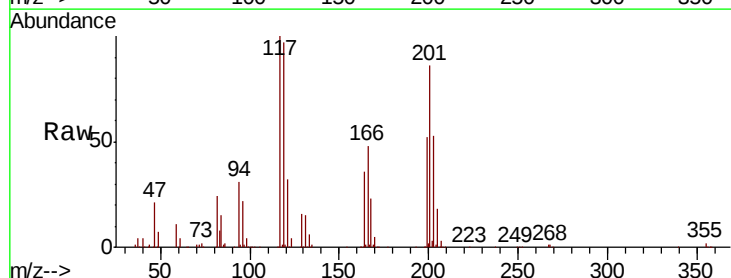
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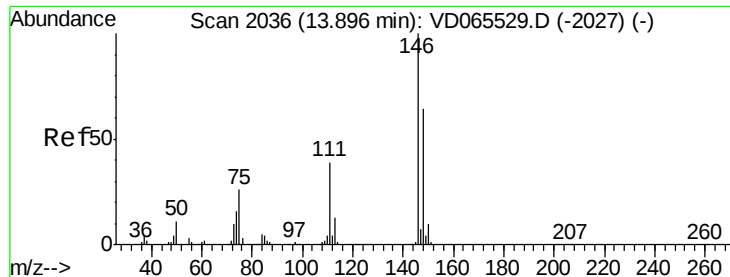
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#90
Hexachloroethane
Concen: 46.198 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.7	43.9	131.6





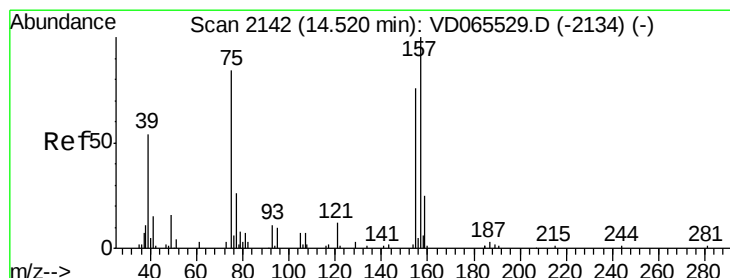
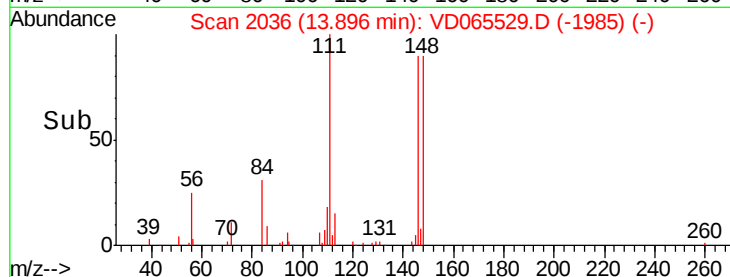
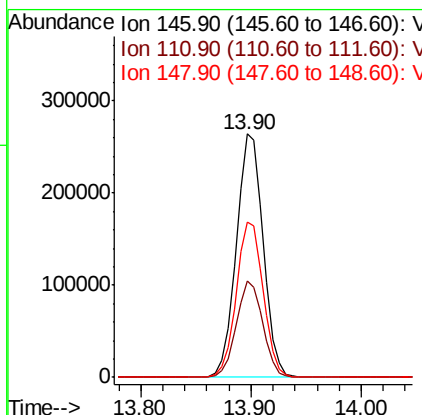
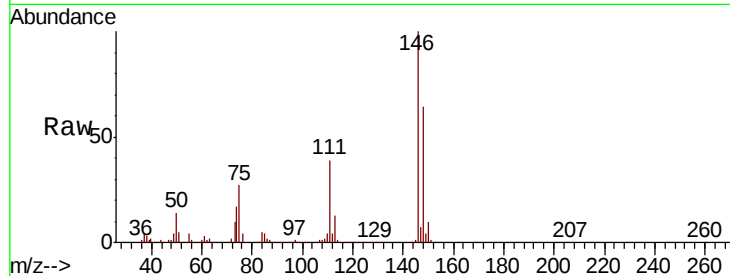
#91
 1,2-Dichlorobenzene
 Concen: 47.622 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD065529.D
 Acq: 26 Mar 2020 17:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.4	58.4
148	64.3	32.1	96.5

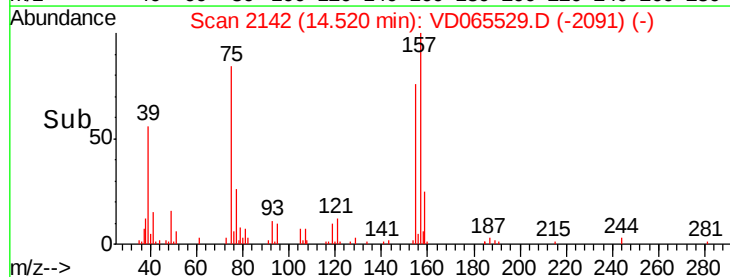
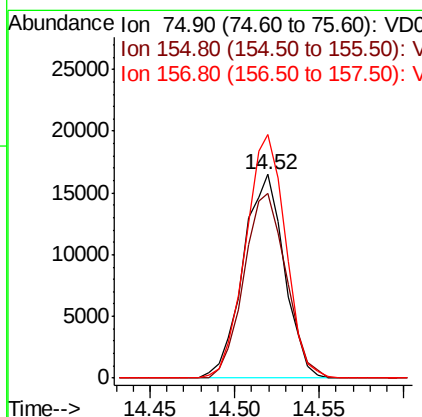
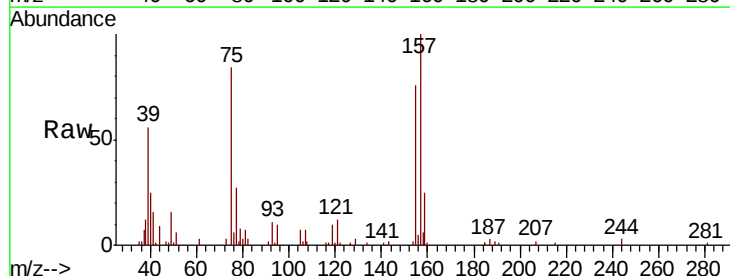
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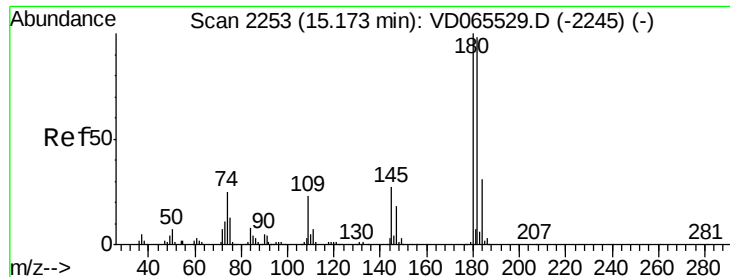
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.239 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VD065529.D
 Acq: 26 Mar 2020 17:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.4	46.2	138.6
157	115.8	57.9	173.7





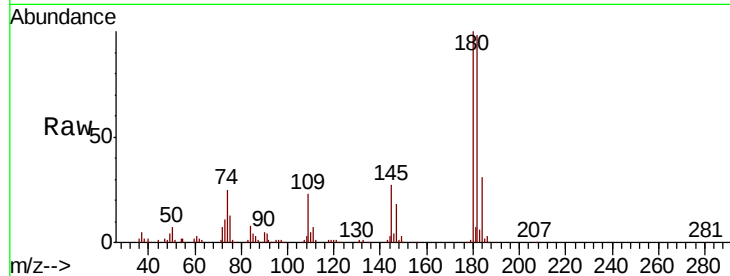
#93
 1,2,4-Trichlorobenzene
 Concen: 48.994 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD065529.D
 Acq: 26 Mar 2020 17:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	314129		
182	96.2	48.1	144.3	
145	27.7	13.9	41.6	

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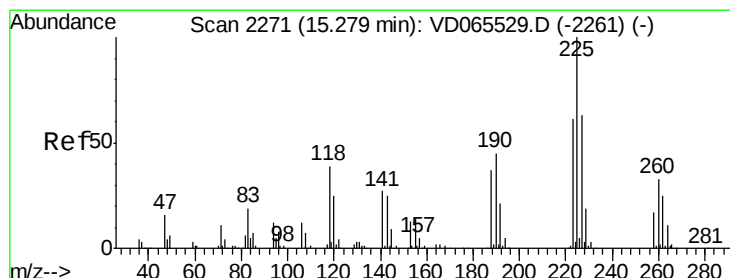
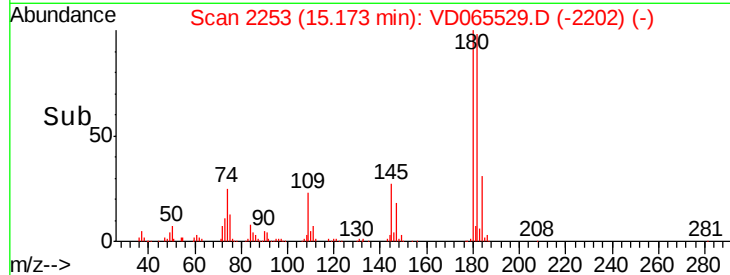
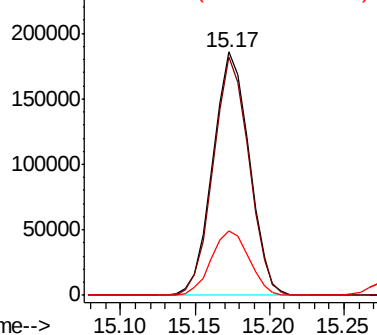


Abundance

Ion 179.80 (179.50 to 180.50): V

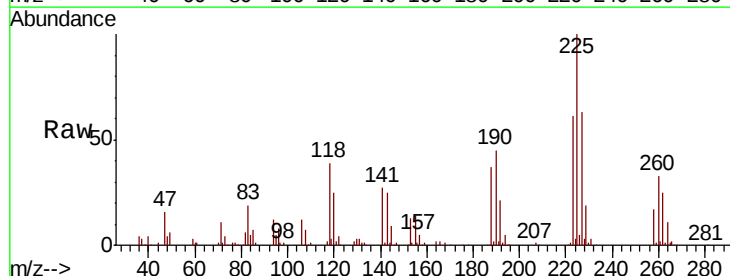
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 47.210 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD065529.D
 Acq: 26 Mar 2020 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	197634		
223	62.4	31.2	93.6	
227	64.6	32.3	96.9	

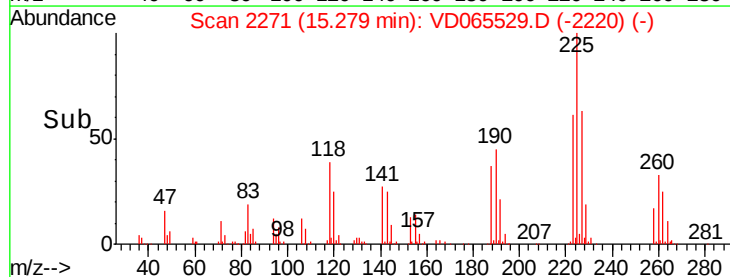
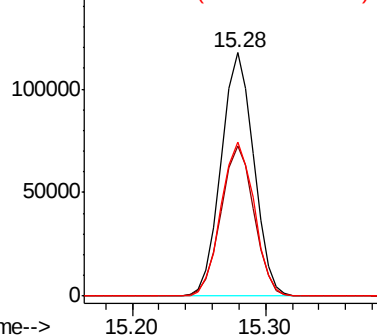


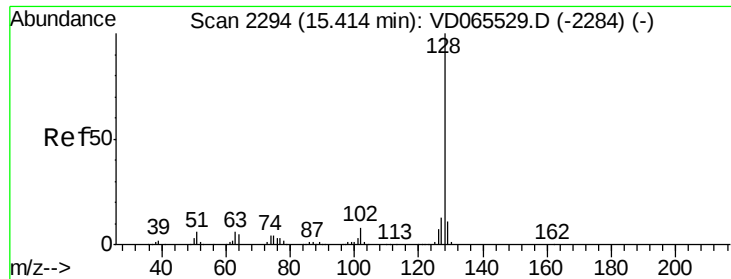
Abundance

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





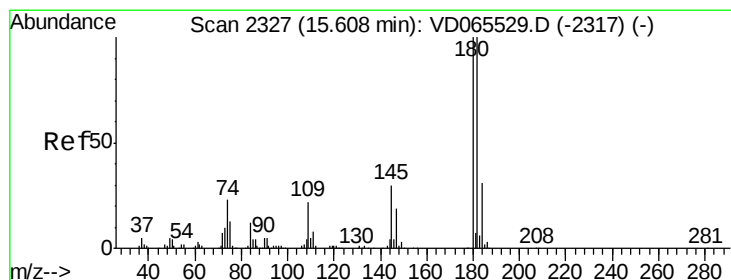
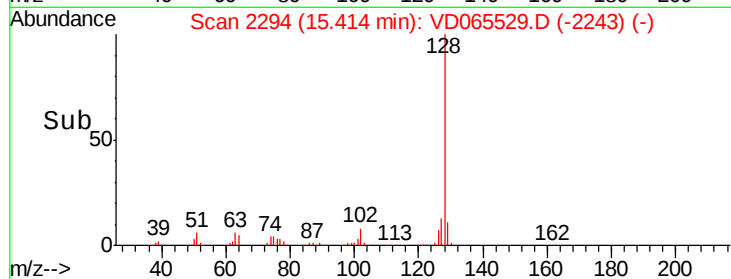
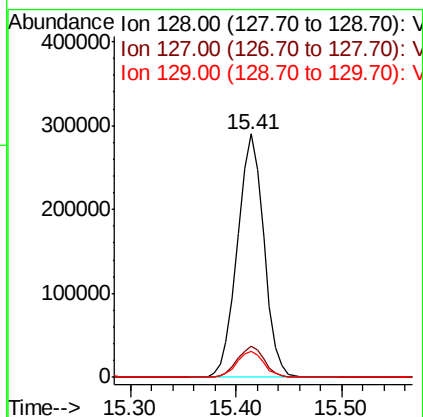
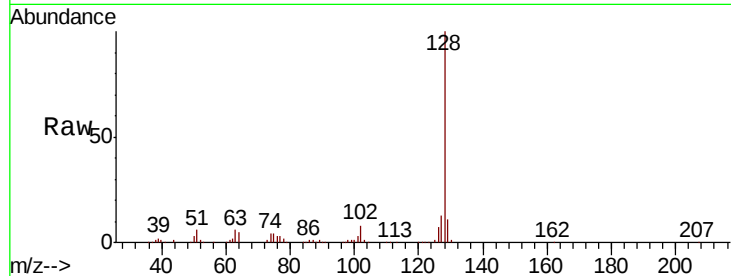
#95
Naphthalene
Concen: 49.204 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	502802		
127	13.0		10.4	15.6
129	10.9		8.7	13.1

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#96
1,2,3-Trichlorobenzene
Concen: 49.333 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	273252		
182	96.2		48.1	144.3
145	30.0		15.0	45.0

