

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032620\
 Data File : VD065531.D
 Acq On : 26 Mar 2020 17:57
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

apatel
 3/27/2020 10:12:29 AM

Quant Time: Mar 27 01:31:26 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	7.98	168	535620	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	766207	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	715467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	353642	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	668487	146.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	293.08%	
35) Dibromofluoromethane	7.92	113	714755	151.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	303.36%	
50) Toluene-d8	10.34	98	2781877	154.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	308.68%	
62) 4-Bromofluorobenzene	12.64	95	915235	163.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	327.84%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.99	85	410051	94.117	ug/l	98
3) Chloromethane	2.21	50	615186	114.273	ug/l	99
4) Vinyl Chloride	2.35	62	647151	121.457	ug/l	99
5) Bromomethane	2.74	94	447044	128.576	ug/l	95
6) Chloroethane	2.91	64	427424	129.800	ug/l	100
7) Trichlorofluoromethane	3.27	101	980874	124.080	ug/l	100
8) Diethyl Ether	3.70	74	341193	143.316	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	660194	128.753	ug/l	100
10) Methyl Iodide	4.29	142	881225	163.523	ug/l	99
11) Tert butyl alcohol	5.25	59	176416	673.955	ug/l	100
12) 1,1-Dichloroethene	4.06	96	644655	131.691	ug/l	98
13) Acrolein	3.93	56	331077	721.535	ug/l	100
14) Allyl chloride	4.71	41	1059744	141.367	ug/l	98
15) Acrylonitrile	5.43	53	744008	722.610	ug/l	99
16) Acetone	4.16	43	558262	608.850	ug/l	92
17) Carbon Disulfide	4.40	76	2097802	129.170	ug/l	99
18) Methyl Acetate	4.72	43	317045	135.887	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	1484686	156.487	ug/l	99
20) Methylene Chloride	4.96	84	729155	127.574	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	763323	139.888	ug/l	96
22) Diisopropyl ether	6.37	45	2108912	150.077	ug/l	97
23) Vinyl Acetate	6.31	43	6148574	789.301	ug/l	100
24) 1,1-Dichloroethane	6.27	63	1254802	139.744	ug/l	98
25) 2-Butanone	7.22	43	880079	703.457	ug/l	98
26) 2,2-Dichloropropane	7.21	77	1080154	136.877	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	838825	150.119	ug/l	99
28) Bromochloromethane	7.55	49	534262	147.145	ug/l	99
29) Tetrahydrofuran	7.57	42	589427	737.910	ug/l	100
30) Chloroform	7.71	83	1273324	141.280	ug/l	97
31) Cyclohexane	7.98	56	1162424	129.987	ug/l	98
32) 1,1,1-Trichloroethane	7.91	97	1146794	137.907	ug/l	100
36) 1,1-Dichloropropene	8.11	75	1018790	140.789	ug/l	100
37) Ethyl Acetate	7.30	43	405555	144.112	ug/l	98
38) Carbon Tetrachloride	8.10	117	1052668	139.834	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	1307222	150.234	ug/l	99
40) Benzene	8.36	78	2950246	145.530	ug/l	99
41) Methacrylonitrile	7.53	41	243313	159.652	ug/l	97
42) 1,2-Dichloroethane	8.43	62	788200	147.935	ug/l	100
43) Isopropyl Acetate	8.46	43	784749	151.462	ug/l	99
44) Trichloroethene	9.11	130	860514	149.926	ug/l	98
45) 1,2-Dichloropropane	9.39	63	724101	147.181	ug/l	97
46) Dibromomethane	9.48	93	383836	150.191	ug/l	99
47) Bromodichloromethane	9.67	83	997731	150.015	ug/l	98
48) Methyl methacrylate	9.46	41	376157	153.773	ug/l	99
49) 1,4-Dioxane	9.47	88	91407	3106.477	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	1986438	759.372	ug/l	98
52) Toluene	10.41	92	1925107	150.465	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	995187	159.956	ug/l	99
54) cis-1,3-Dichloropropene	10.10	75	1185762	157.600	ug/l	98
55) 1,1,2-Trichloroethane	10.81	97	542644	149.084	ug/l	98
56) Ethyl methacrylate	10.67	69	696115	169.867	ug/l	99
57) 1,3-Dichloropropane	10.95	76	934875	151.966	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.95	63	1781346	1189.370	ug/l	100
59) 2-Hexanone	10.99	43	1367130	757.095	ug/l	100
60) Dibromochloromethane	11.14	129	720118	154.040	ug/l	100
61) 1,2-Dibromoethane	11.25	107	531937	152.644	ug/l	99
64) Tetrachloroethene	10.88	164	729418	143.155	ug/l	95
65) Chlorobenzene	11.68	112	2057111	146.388	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	769781	149.560	ug/l	99
67) Ethyl Benzene	11.75	91	3630620	150.070	ug/l	98
68) m/p-Xylenes	11.86	106	2846508	304.868	ug/l	98
69) o-Xylene	12.18	106	1299567	158.150	ug/l	100
70) Styrene	12.20	104	2284421	157.420	ug/l	99
71) Bromoform	12.37	173	432896	149.400	ug/l	# 100
73) Isopropylbenzene	12.48	105	3472027	152.368	ug/l	100
74) N-amyl acetate	12.30	43	732365	156.805	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	564166	140.133	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	371265m	132.038	ug/l	
77) Bromobenzene	12.77	156	867565	151.689	ug/l	99
78) n-propylbenzene	12.83	91	4030315	148.537	ug/l	98
79) 2-Chlorotoluene	12.91	91	2273634	148.369	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	2851109	152.065	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	203061	155.697	ug/l	97
82) 4-Chlorotoluene	13.01	91	2364792	146.982	ug/l	99
83) tert-Butylbenzene	13.23	119	2466568	155.155	ug/l	100
84) 1,2,4-Trimethylbenzene	13.28	105	2863390	154.538	ug/l	99
85) sec-Butylbenzene	13.41	105	3393999	150.171	ug/l	100
86) p-Isopropyltoluene	13.53	119	3212391	155.579	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	1625131	147.739	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	1594578	145.617	ug/l	99
89) n-Butylbenzene	13.85	91	2909633	153.075	ug/l	98
90) Hexachloroethane	14.12	117	619218	145.506	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	1399538	149.493	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	86172	140.055	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	1056892	166.281	ug/l	99
94) Hexachlorobutadiene	15.28	225	638952	153.962	ug/l	100
95) Naphthalene	15.41	128	1757629	173.501	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	912077	166.105	ug/l	100

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

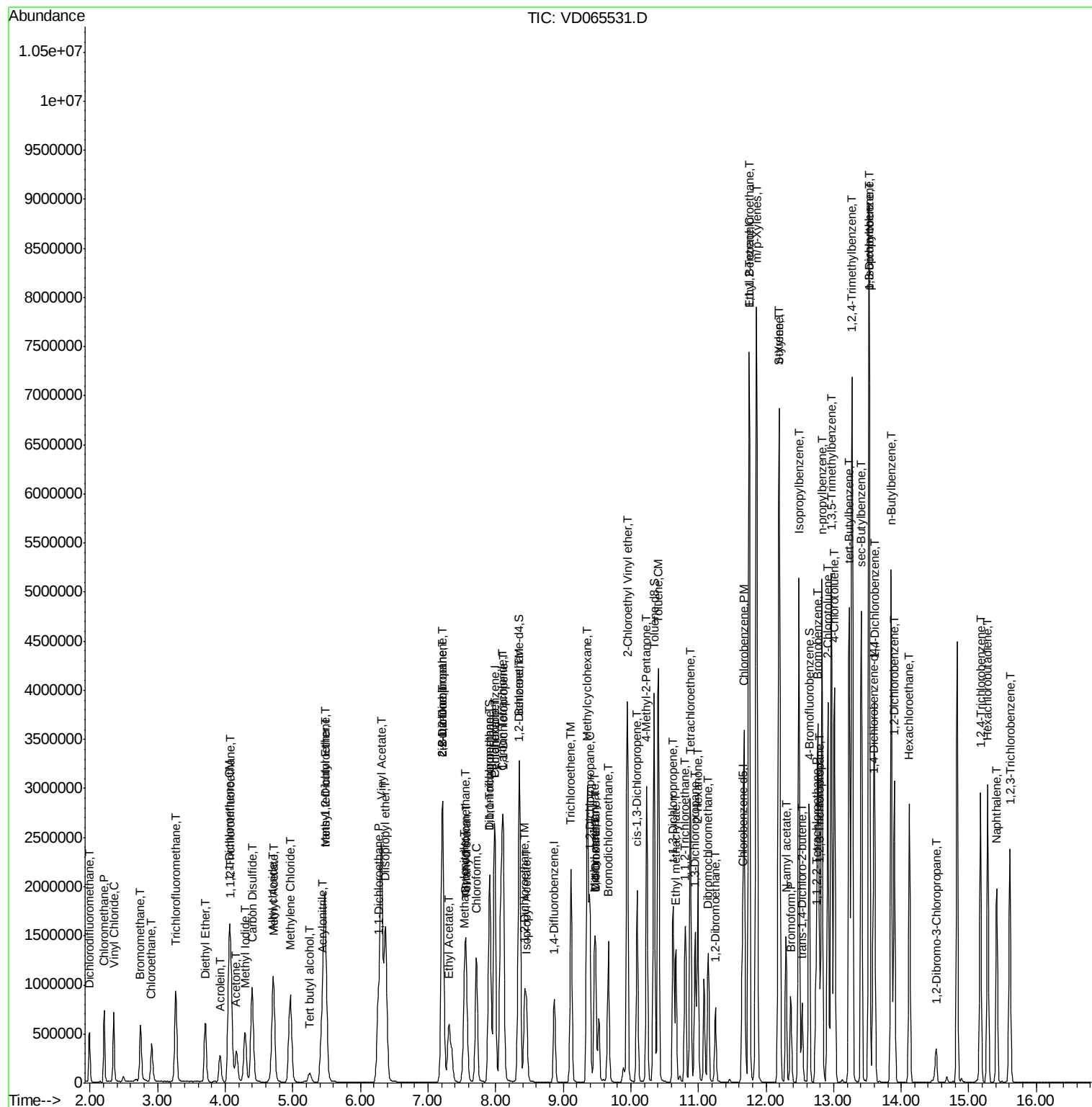
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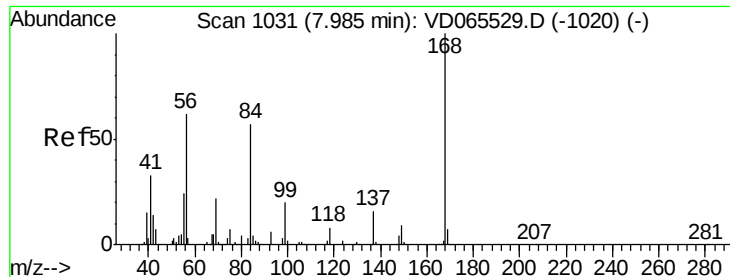
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065531.D

Acq: 26 Mar 2020 17:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 535620

Ion Ratio Lower Upper

168 100

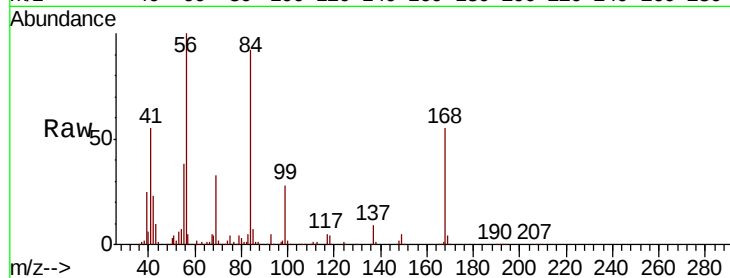
99 51.3 39.1 58.7

Manual Integrations

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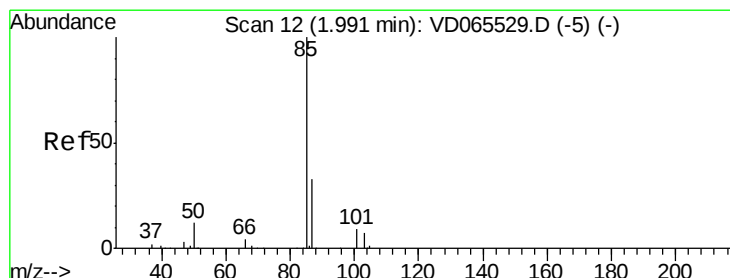
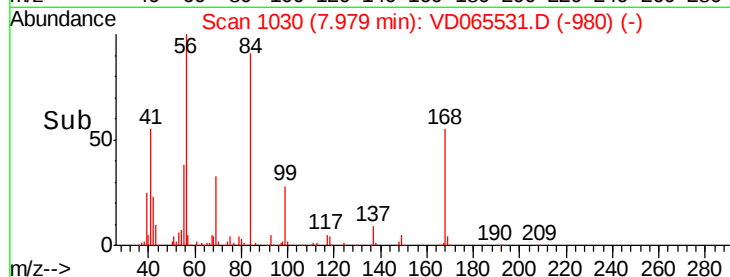
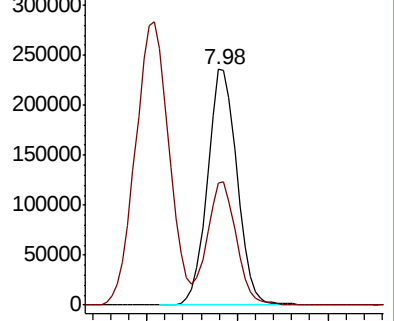
apatel

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 94.117 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD065531.D

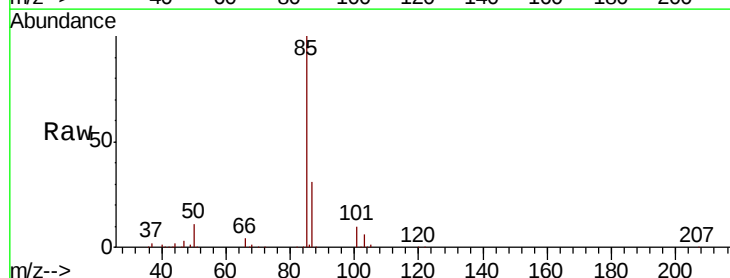
Acq: 26 Mar 2020 17:57

Tgt Ion: 85 Resp: 410051

Ion Ratio Lower Upper

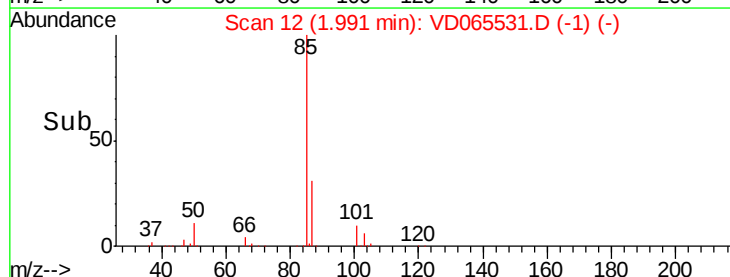
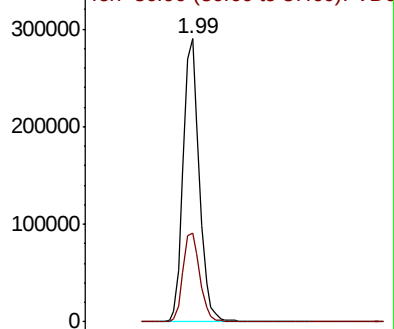
85 100

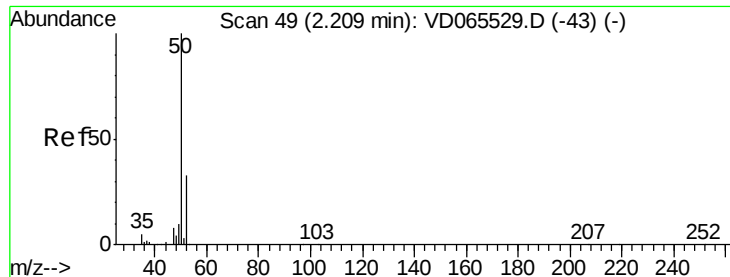
87 31.5 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 114.273 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065531.D

Acq: 26 Mar 2020 17:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 615186

Ion Ratio Lower Upper

50 100

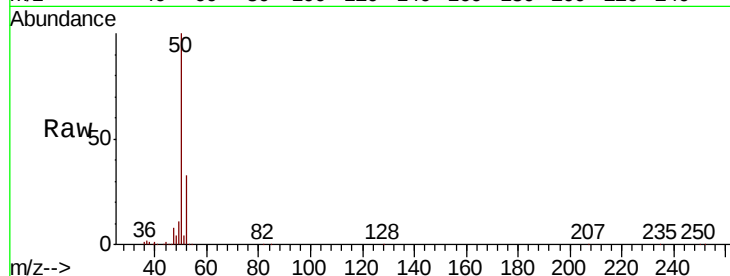
52 33.4 26.3 39.5

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

400000

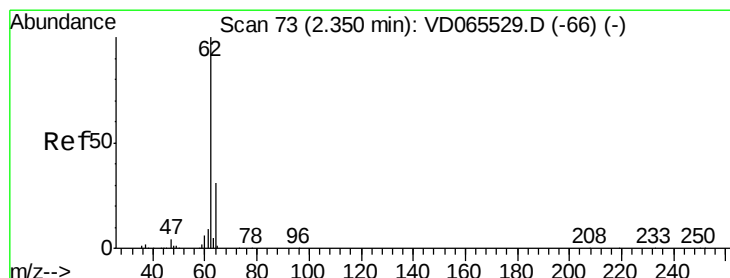
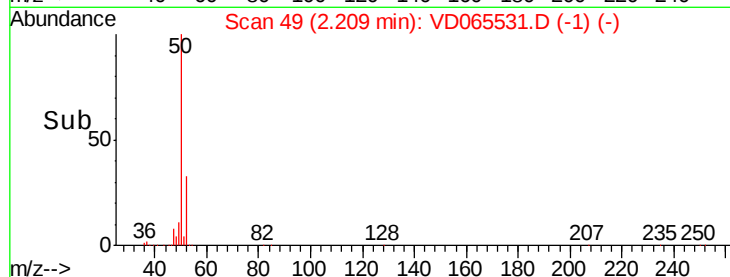
300000

200000

100000

0

Time-->



#4

Vinyl Chloride

Concen: 121.457 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065531.D

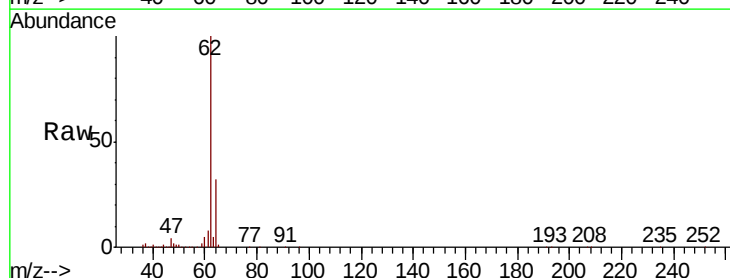
Acq: 26 Mar 2020 17:57

Tgt Ion: 62 Resp: 647151

Ion Ratio Lower Upper

62 100

64 31.8 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

400000

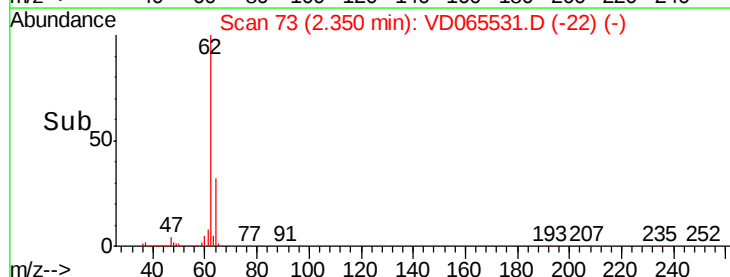
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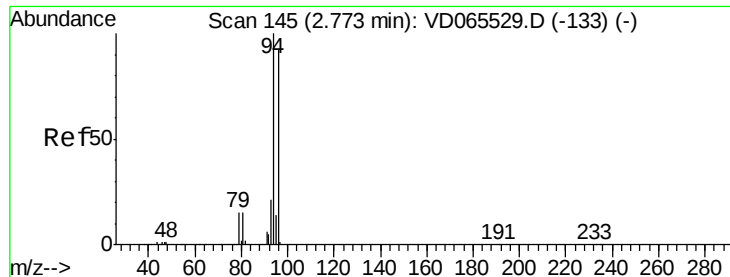
200000

100000

0

Time-->





#5

Bromomethane

Concen: 128.576 ug/l

RT: 2.74 min Scan# 140

Delta R.T. -0.03 min

Lab File: VD065531.D

Acq: 26 Mar 2020 17:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 447044

Ion Ratio Lower Upper

94 100

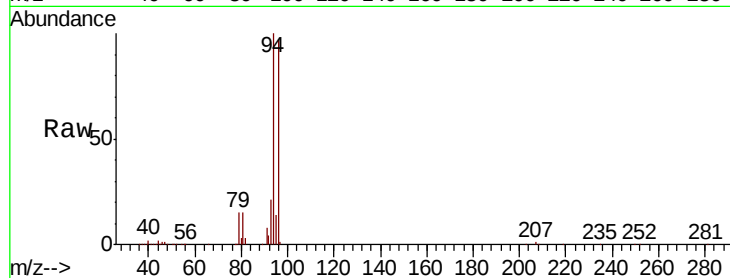
96 96.6 73.4 110.2

Manual Integrations

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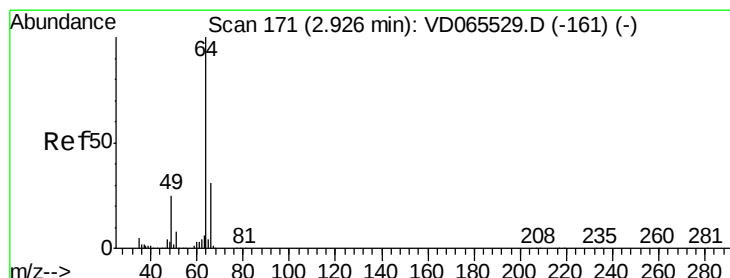
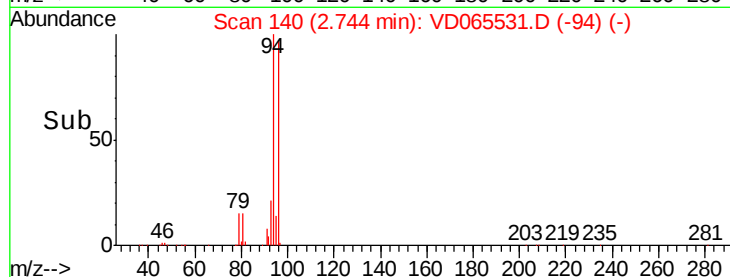
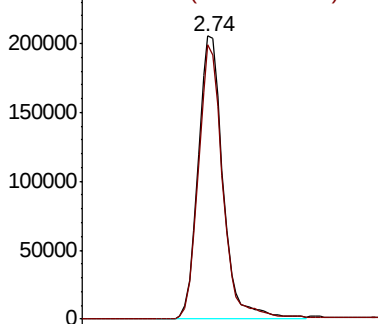
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 129.800 ug/l

RT: 2.91 min Scan# 168

Delta R.T. -0.02 min

Lab File: VD065531.D

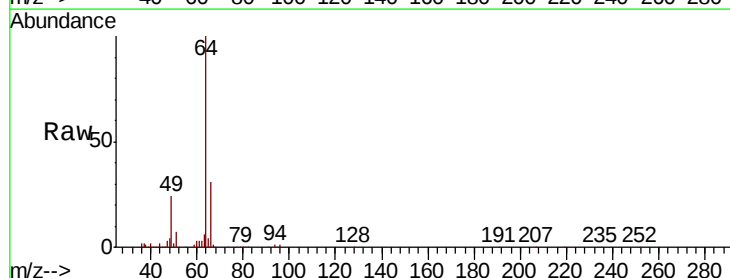
Acq: 26 Mar 2020 17:57

Tgt Ion: 64 Resp: 427424

Ion Ratio Lower Upper

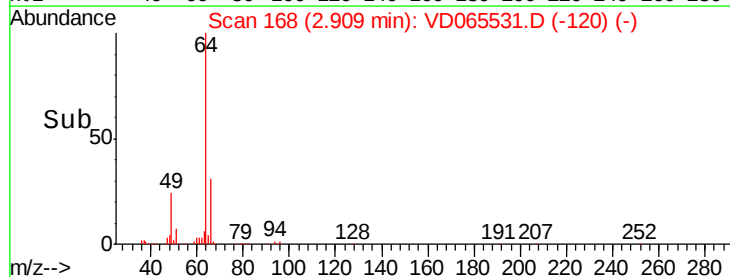
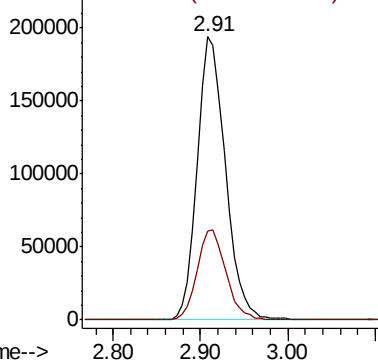
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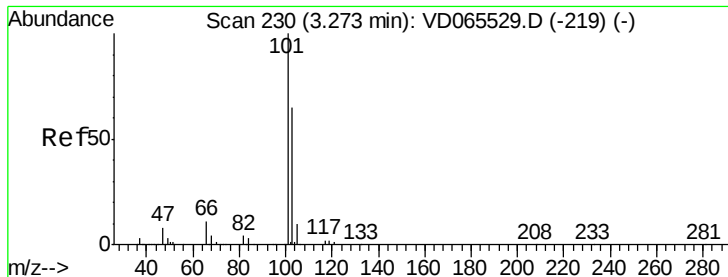
66 31.2 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

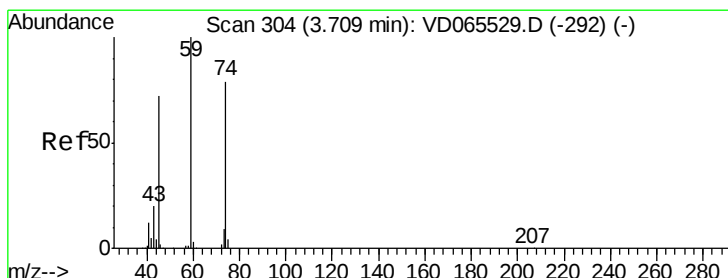
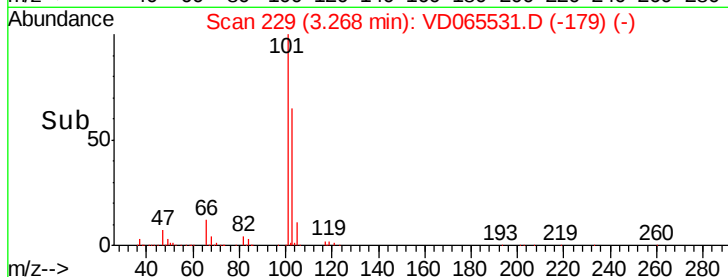
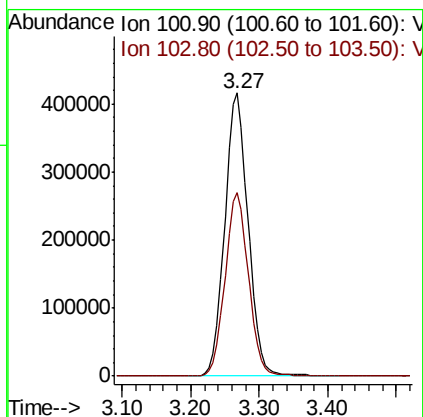
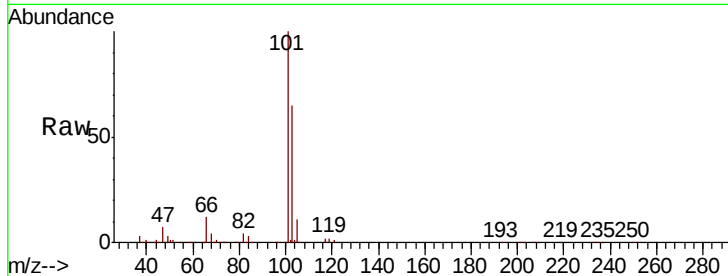
Trichlorofluoromethane
Concen: 124.080 ug/l
RT: 3.27 min Scan# 229
Delta R.T. -0.01 min
Lab File: VD065531.D
Acq: 26 Mar 2020 17:57

Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	101	100	980874		
103	103	64.8	51.9	77.9	

Manual Integrations
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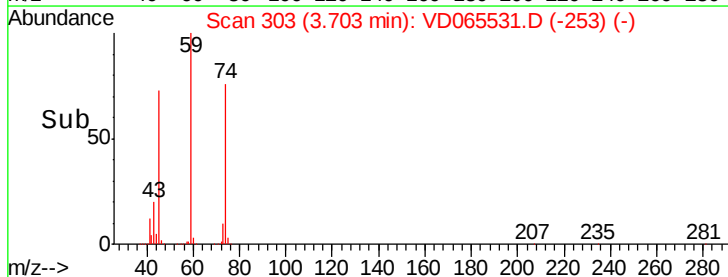
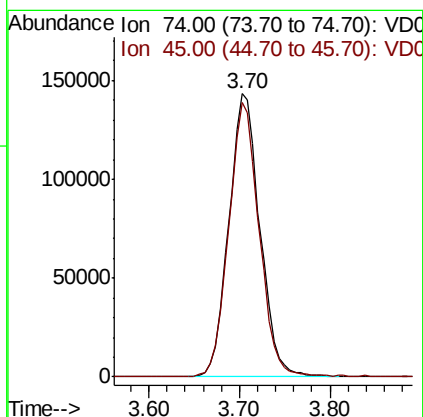
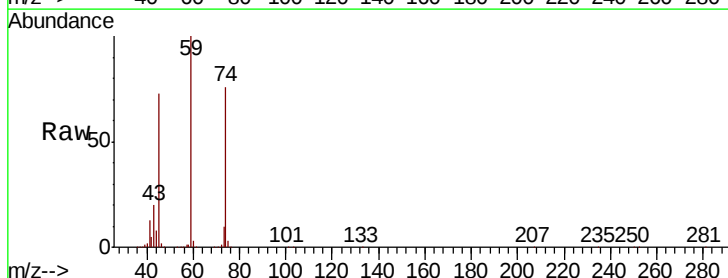
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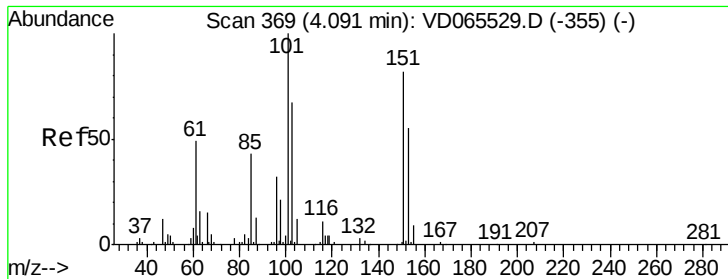


#8

Diethyl Ether
Concen: 143.316 ug/l
RT: 3.70 min Scan# 303
Delta R.T. -0.01 min
Lab File: VD065531.D
Acq: 26 Mar 2020 17:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	74	100	341193		
45	45	94.9	48.2	144.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 128.753 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD065531.D

Acq: 26 Mar 2020 17:57

Instrument :

MSVOA_D

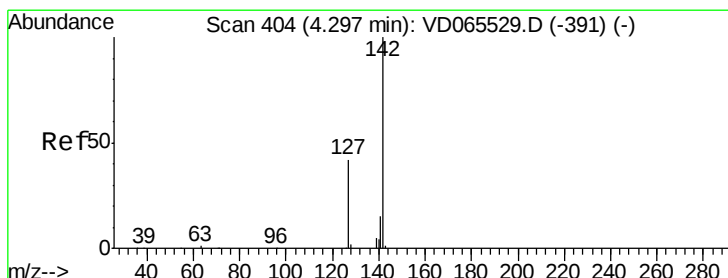
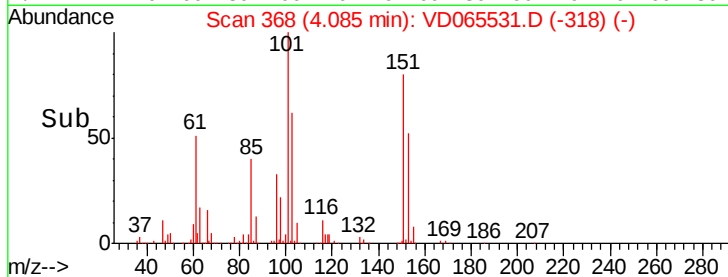
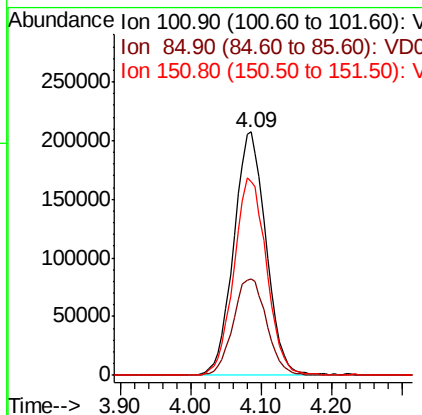
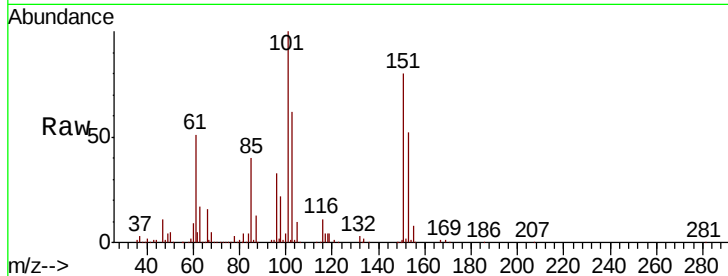
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	660194
Ion Ratio	Lower	Upper	
101	100		
85	41.3	32.6	48.8
151	82.0	65.5	98.3

Manual Integrations
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#10

Methyl Iodide

Concen: 163.523 ug/l

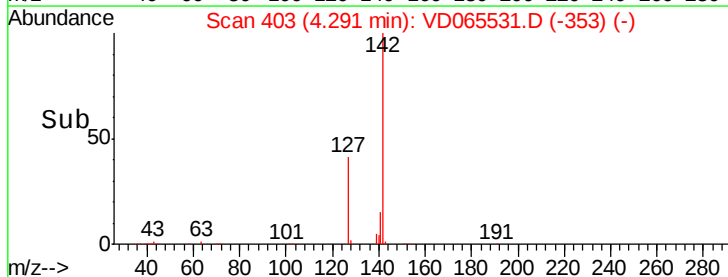
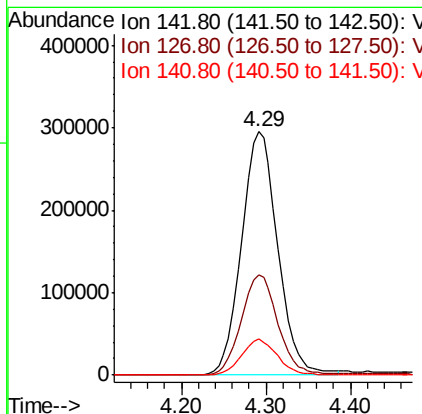
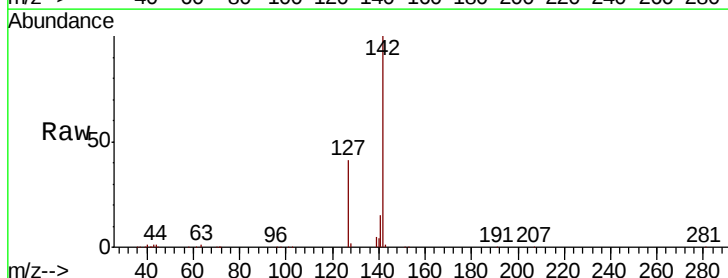
RT: 4.29 min Scan# 403

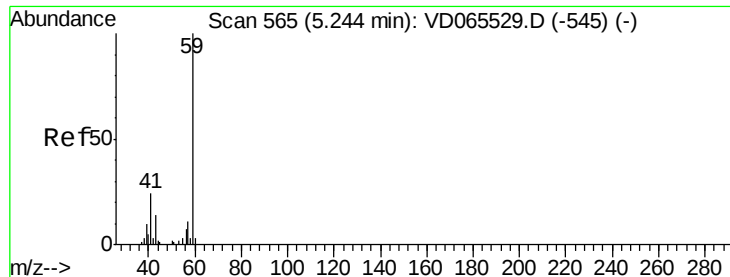
Delta R.T. -0.01 min

Lab File: VD065531.D

Acq: 26 Mar 2020 17:57

Tgt Ion:	142	Resp:	881225
Ion Ratio	Lower	Upper	
142	100		
127	41.5	33.9	50.9
141	14.5	11.6	17.4





#11

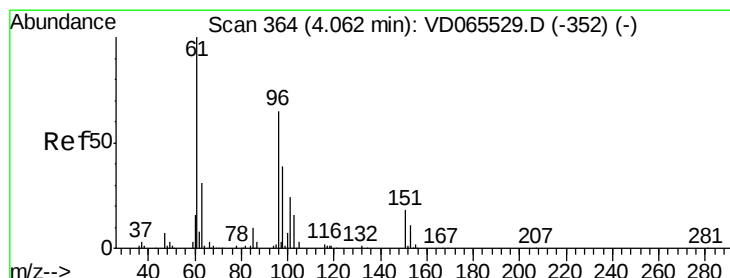
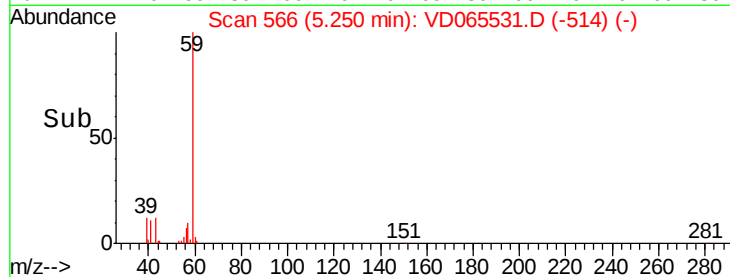
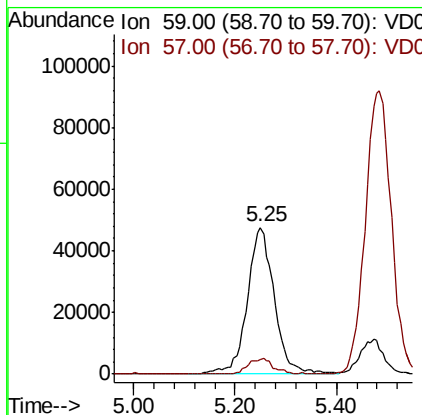
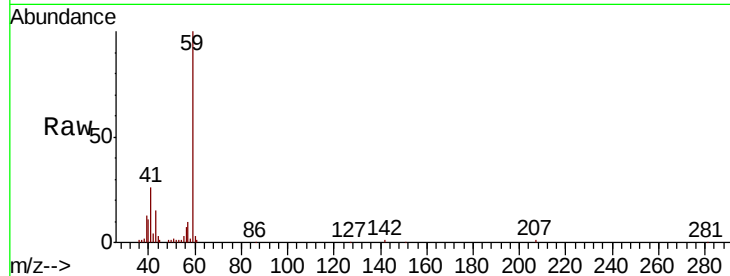
Tert butyl alcohol
Concen: 673.955 ug/l
RT: 5.25 min Scan# 566
Delta R.T. 0.01 min
Lab File: VD065531.D
Acq: 26 Mar 2020 17:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	59	Resp	176416
Ion Ratio	100	Lower	Upper
57	10.0	8.1	12.1

Manual Integrations
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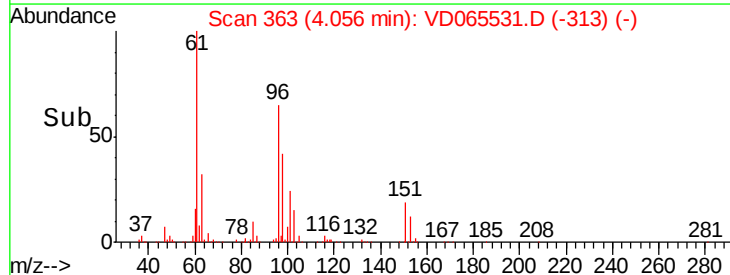
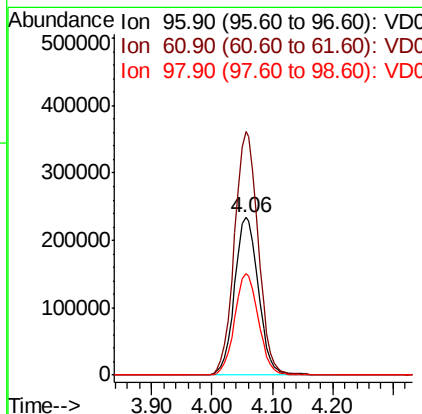
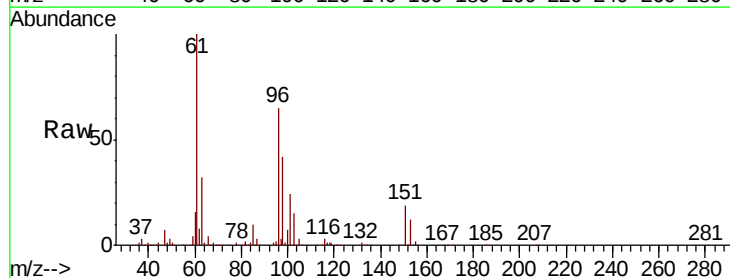
apatel
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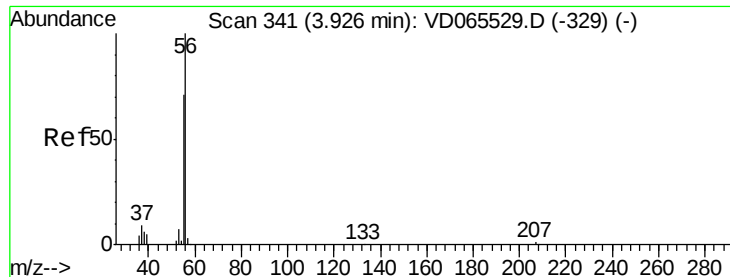


#12

1,1-Dichloroethene
Concen: 131.691 ug/l
RT: 4.06 min Scan# 363
Delta R.T. -0.01 min
Lab File: VD065531.D
Acq: 26 Mar 2020 17:57

Tgt Ion	96	Resp	644655
Ion Ratio	100	Lower	Upper
61	154.6	124.0	186.0
98	64.7	48.2	72.4





#13

Acrolein

Concen: 721.535 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD065531.D

Acq: 26 Mar 2020 17:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 331077

Ion Ratio Lower Upper

56 100

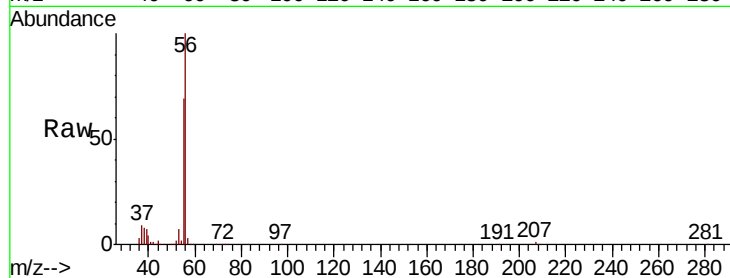
55 70.5 56.2 84.2

Manual Integrations

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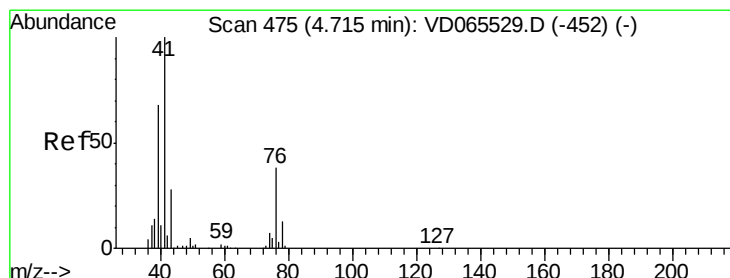
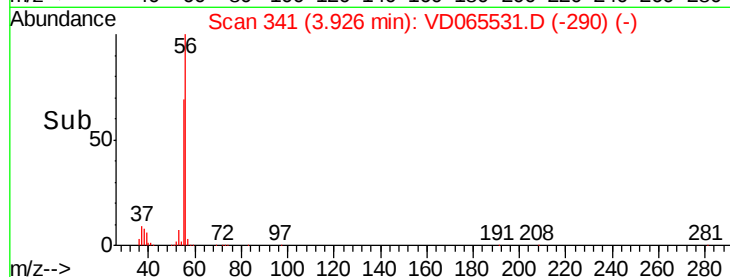
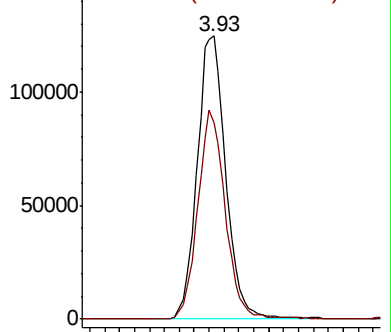
apatel

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Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 141.367 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD065531.D

Acq: 26 Mar 2020 17:57

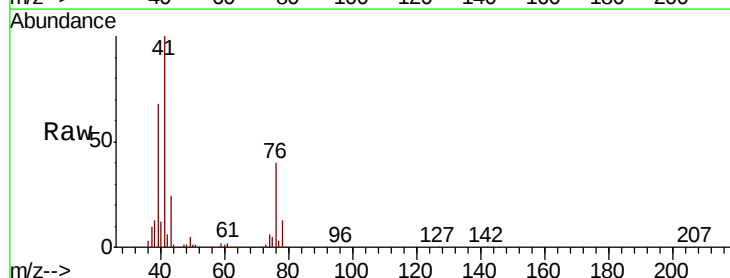
Tgt Ion: 41 Resp: 1059744

Ion Ratio Lower Upper

41 100

39 65.2 52.9 79.3

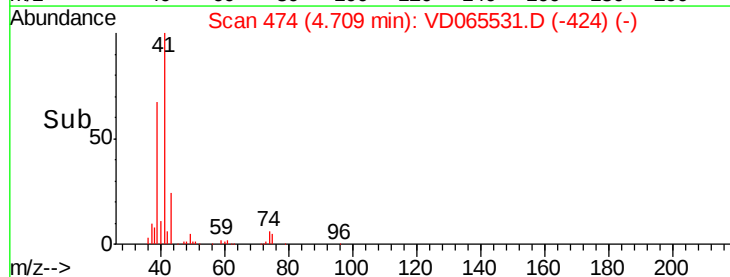
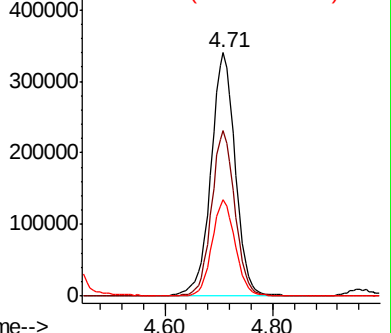
76 37.4 28.9 43.3

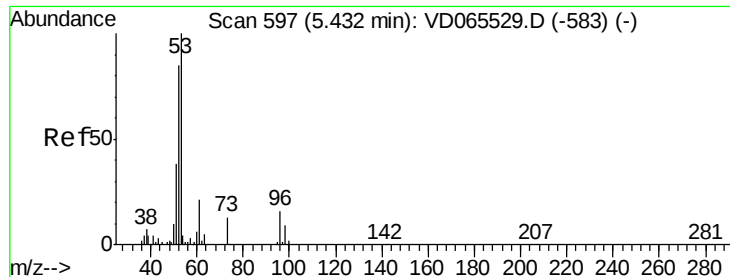


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





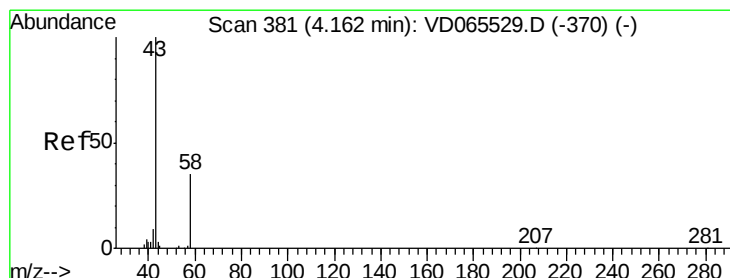
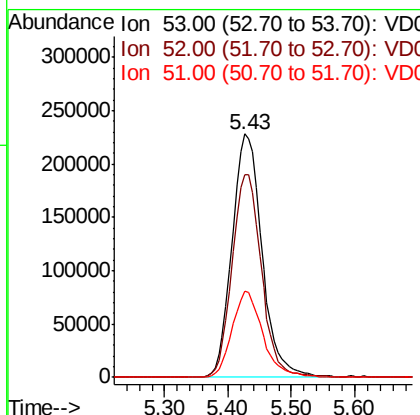
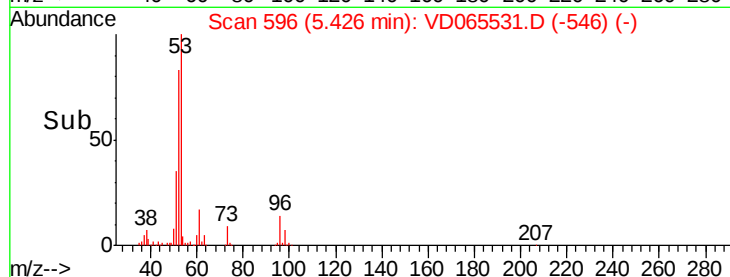
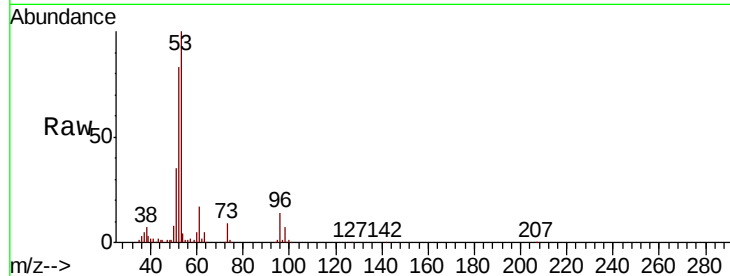
#15
 Acrylonitrile
 Concen: 722.610 ug/l
 RT: 5.43 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: VD065531.D
 Acq: 26 Mar 2020 17:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion:	53	Resp:	744008
Ion Ratio	Lower	Upper	
53	100		
52	81.4	65.8	98.6
51	36.2	29.7	44.5

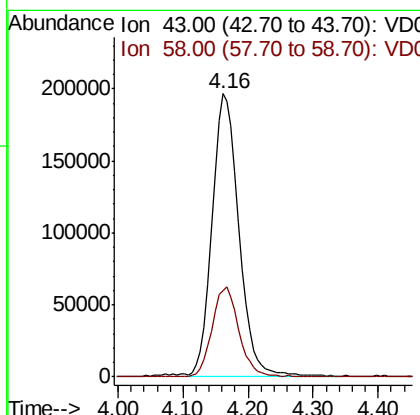
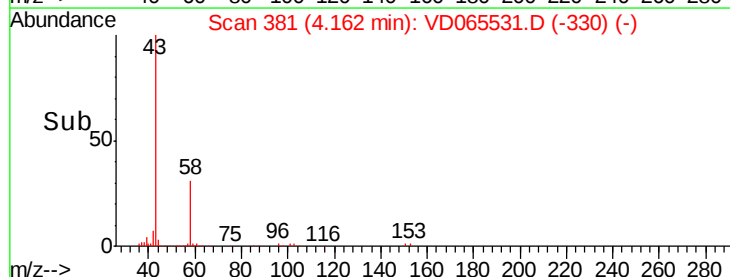
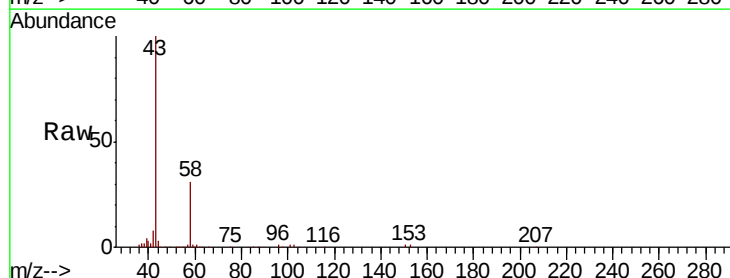
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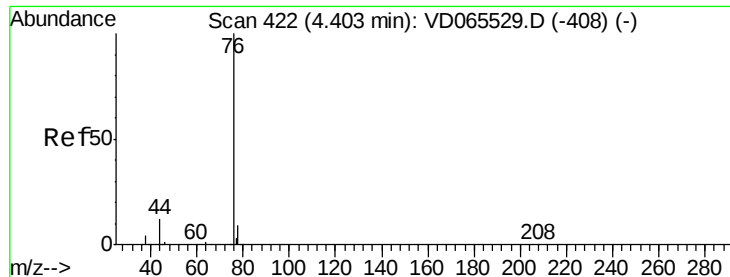
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#16
 Acetone
 Concen: 608.850 ug/l
 RT: 4.16 min Scan# 381
 Delta R.T. -0.00 min
 Lab File: VD065531.D
 Acq: 26 Mar 2020 17:57

Tgt Ion:	43	Resp:	558262
Ion Ratio	Lower	Upper	
43	100		
58	30.4	27.9	41.9





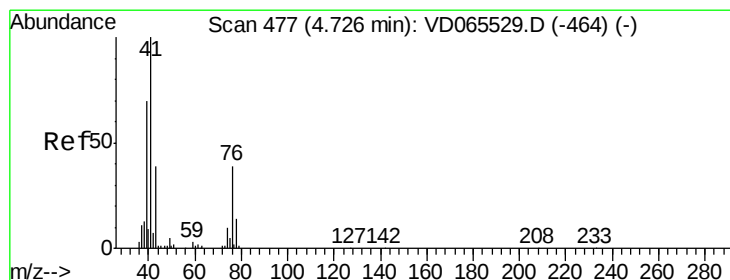
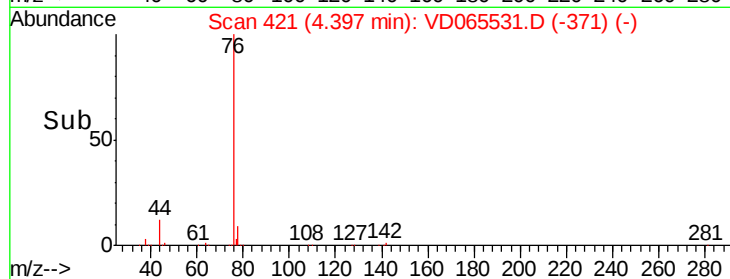
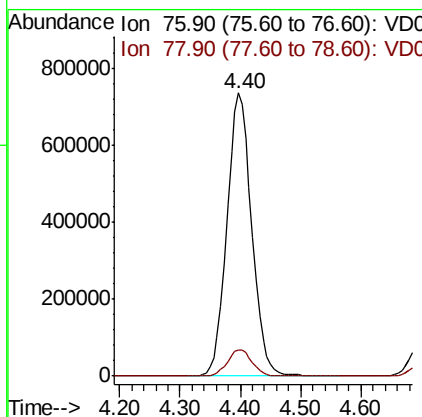
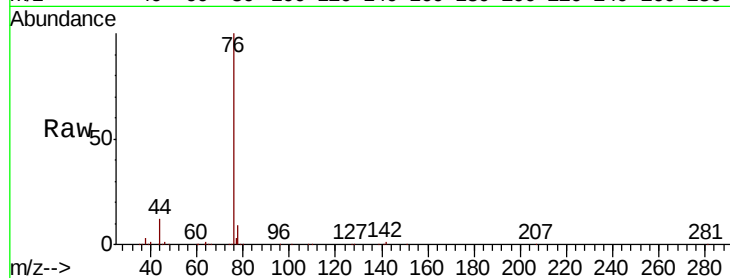
#17
Carbon Disulfide
Concen: 129.170 ug/l
RT: 4.40 min Scan# 421
Delta R.T. -0.01 min
Lab File: VD065531.D
Acq: 26 Mar 2020 17:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion: 76 Resp: 2097802
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

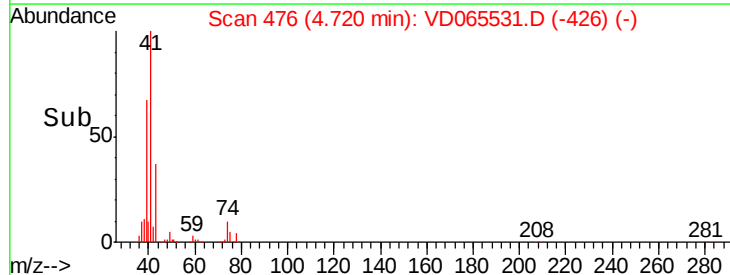
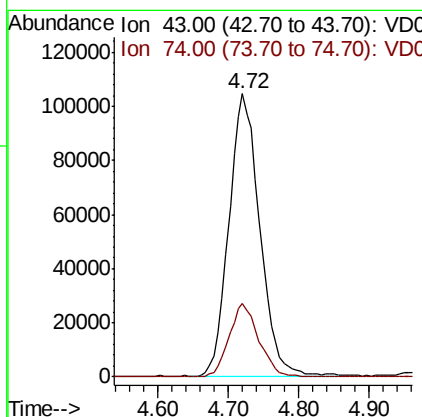
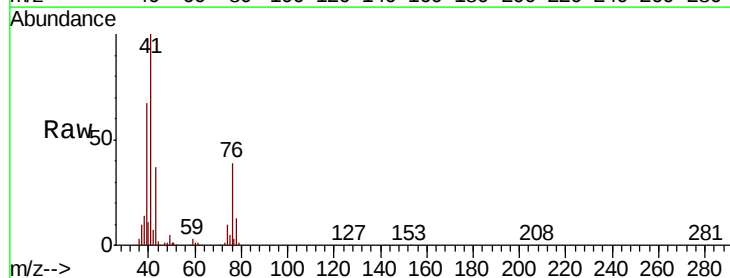
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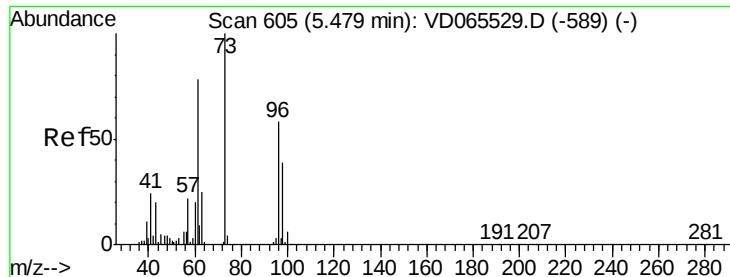
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#18
Methyl Acetate
Concen: 135.887 ug/l
RT: 4.72 min Scan# 476
Delta R.T. -0.01 min
Lab File: VD065531.D
Acq: 26 Mar 2020 17:57

Tgt Ion: 43 Resp: 317045
Ion Ratio Lower Upper
43 100
74 25.1 20.1 30.1





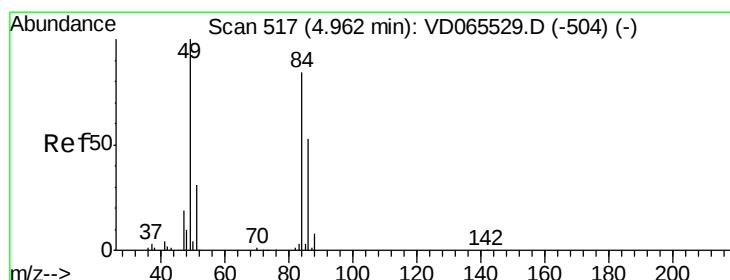
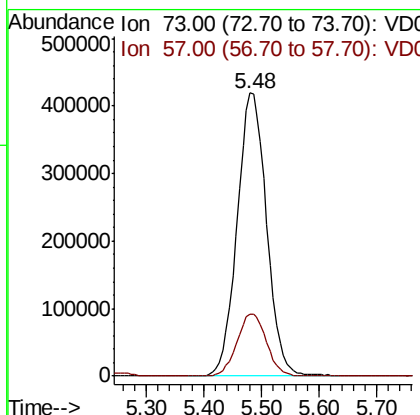
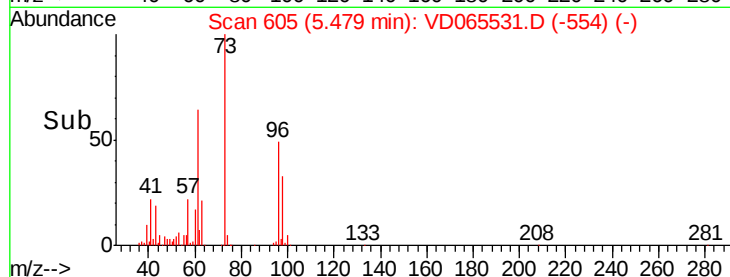
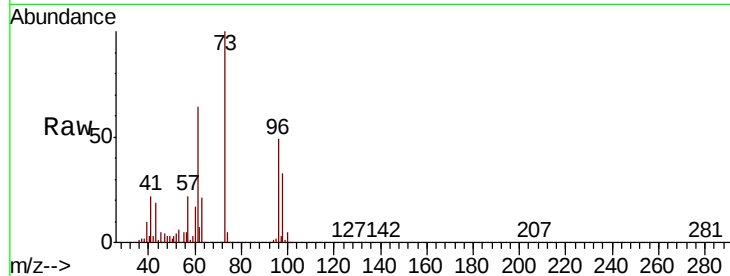
#19
Methyl tert-butyl Ether
Concen: 156.487 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD065531.D
Acq: 26 Mar 2020 17:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion: 73 Resp: 1484686
Ion Ratio Lower Upper
73 100
57 21.8 17.7 26.5

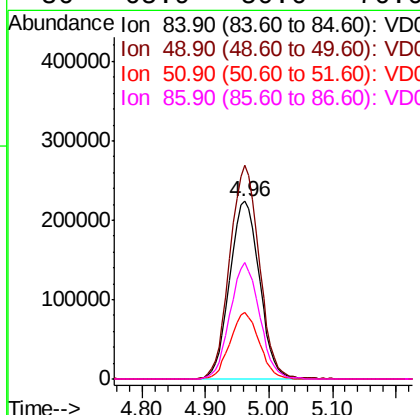
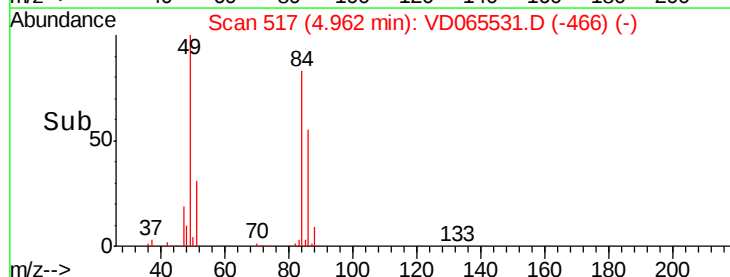
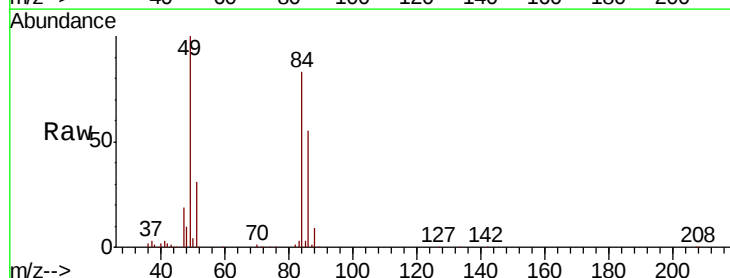
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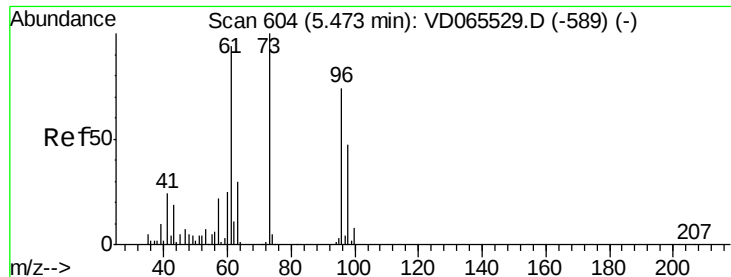
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#20
Methylene Chloride
Concen: 127.574 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.00 min
Lab File: VD065531.D
Acq: 26 Mar 2020 17:57

Tgt Ion: 84 Resp: 729155
Ion Ratio Lower Upper
84 100
49 120.4 95.6 143.4
51 37.2 29.4 44.2
86 65.9 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 139.888 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD065531.D

Acq: 26 Mar 2020 17:57

Instrument :

MSVOA_D

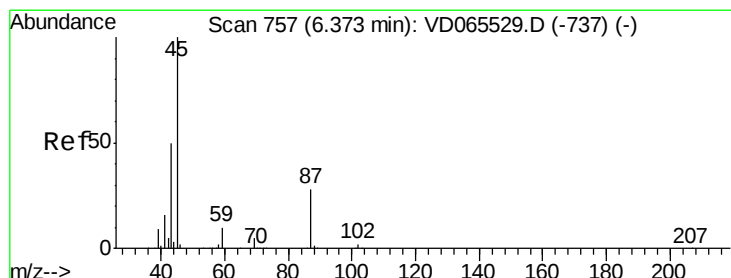
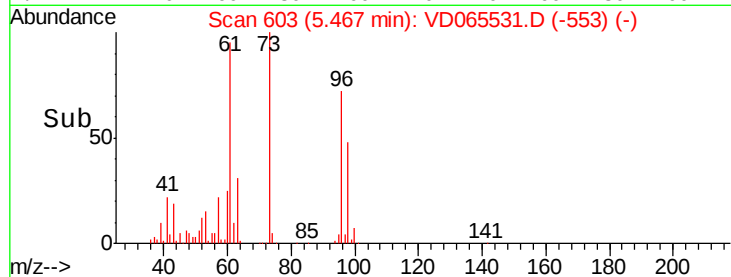
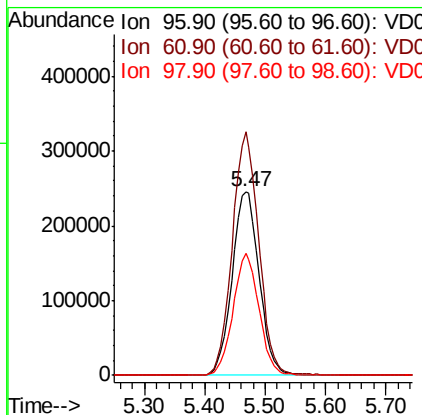
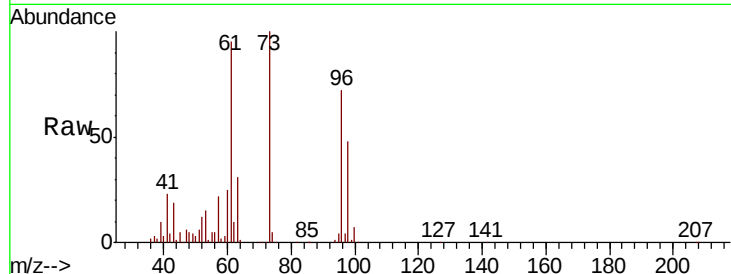
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	763323
Ion	Ratio	Lower	Upper
96	100		
61	132.4	101.8	152.6
98	66.6	51.4	77.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 150.077 ug/l

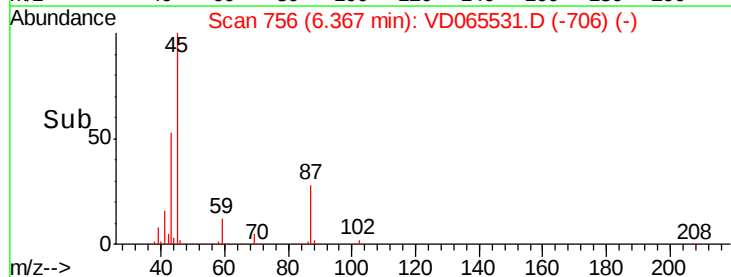
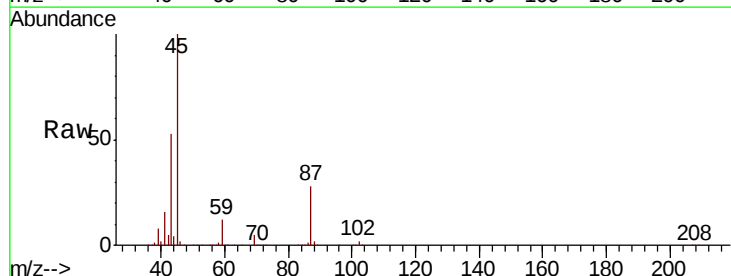
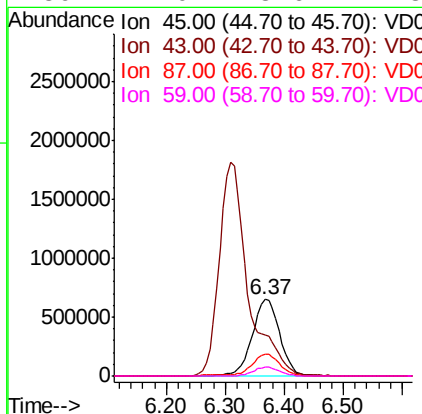
RT: 6.37 min Scan# 756

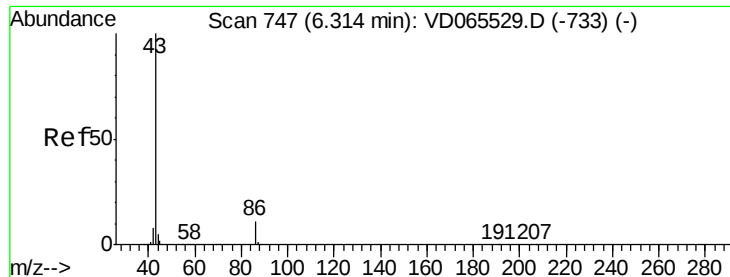
Delta R.T. -0.01 min

Lab File: VD065531.D

Acq: 26 Mar 2020 17:57

Tgt Ion:	45	Resp:	2108912
Ion	Ratio	Lower	Upper
45	100		
43	53.3	40.5	60.7
87	27.8	22.5	33.7
59	12.0	8.6	12.8





#23

Vinyl Acetate

Concen: 789.301 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD065531.D

Acq: 26 Mar 2020 17:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 6148574

Ion Ratio Lower Upper

43 100

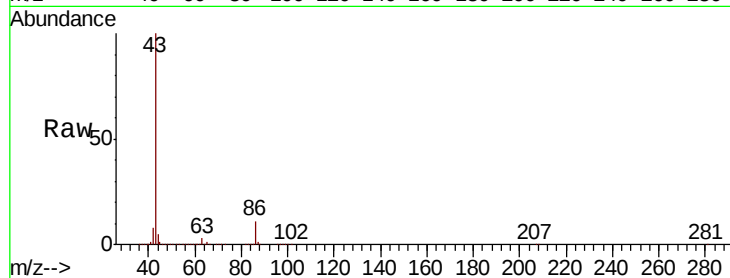
86 11.2 9.0 13.4

Manual Integrations

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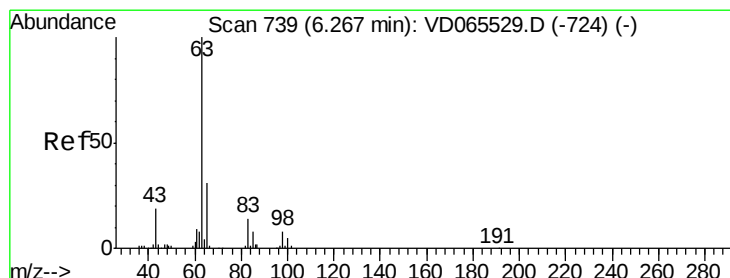
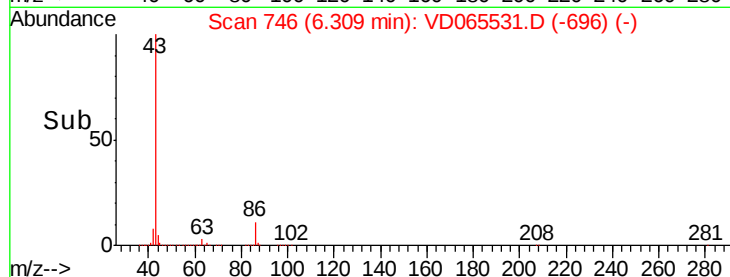
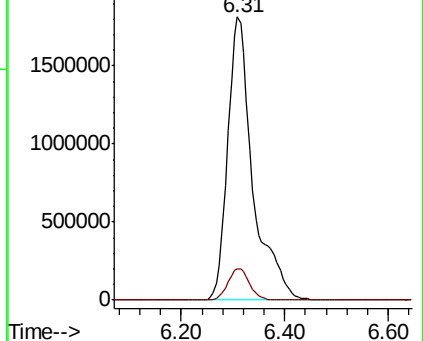
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 139.744 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD065531.D

Acq: 26 Mar 2020 17:57

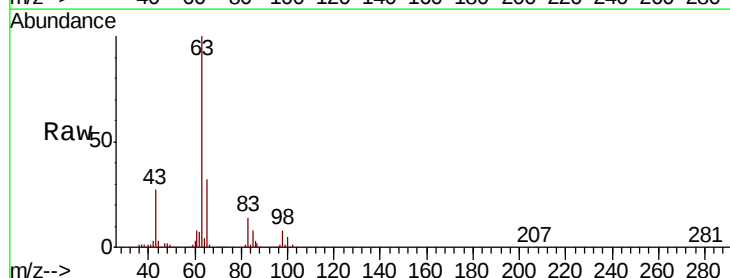
Tgt Ion: 63 Resp: 1254802

Ion Ratio Lower Upper

63 100

98 7.5 4.2 12.6

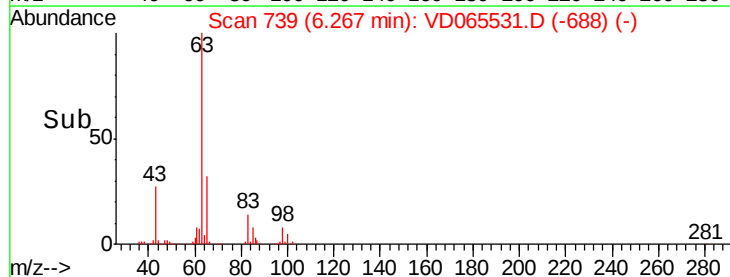
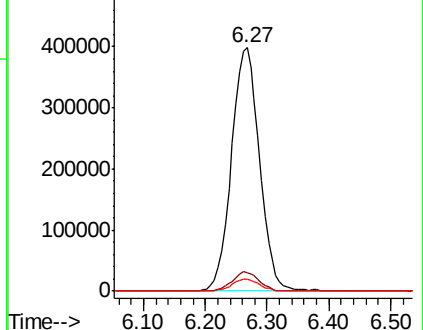
100 4.8 2.5 7.4

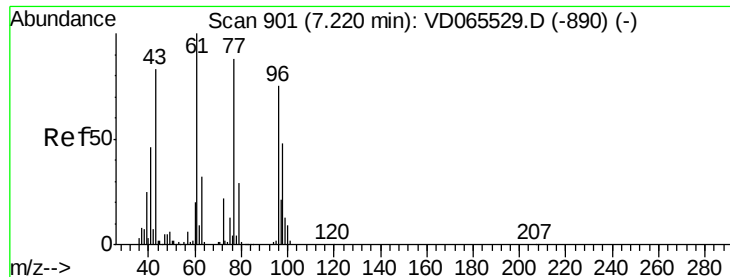


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 703.457 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.00 min

Lab File: VD065531.D

Acq: 26 Mar 2020 17:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 880079

Ion Ratio Lower Upper

43 100

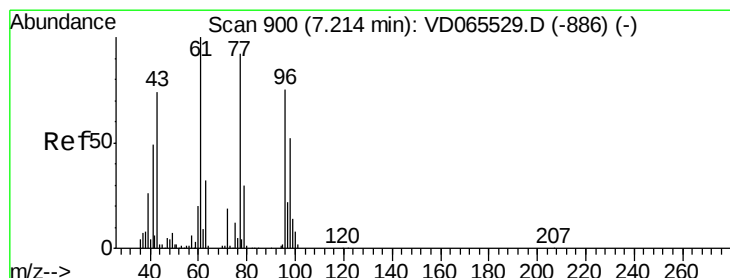
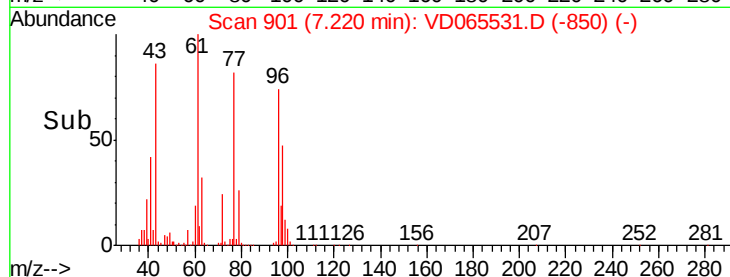
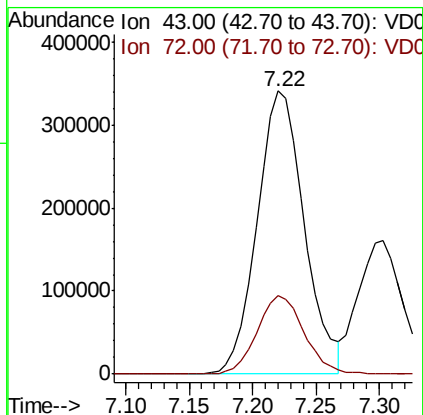
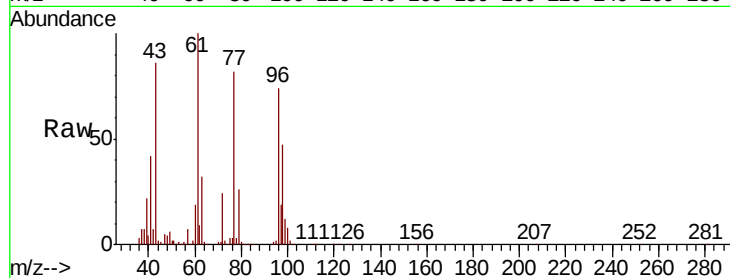
72 27.9 21.5 32.3

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#26

2,2-Dichloropropane

Concen: 136.877 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065531.D

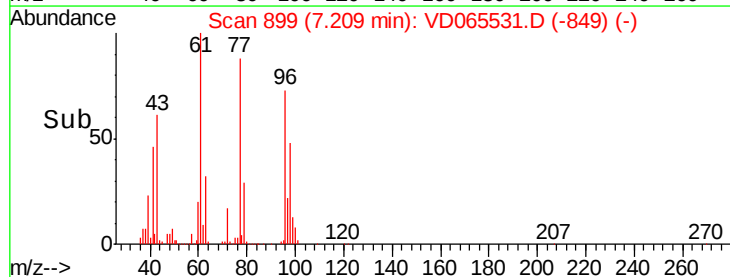
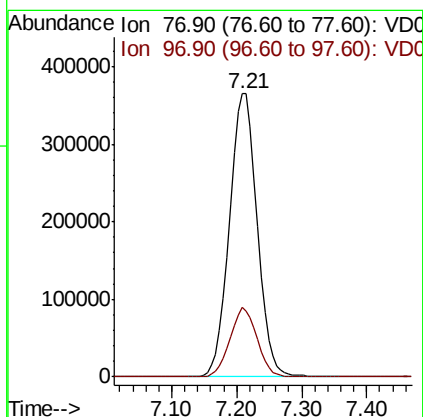
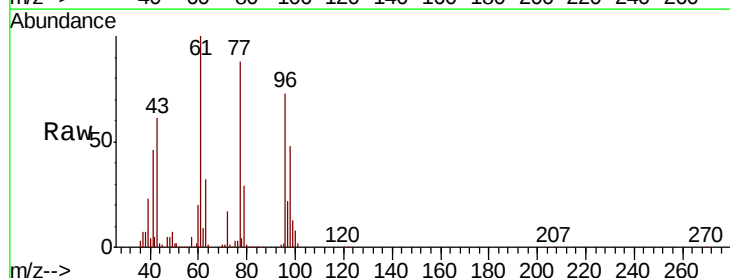
Acq: 26 Mar 2020 17:57

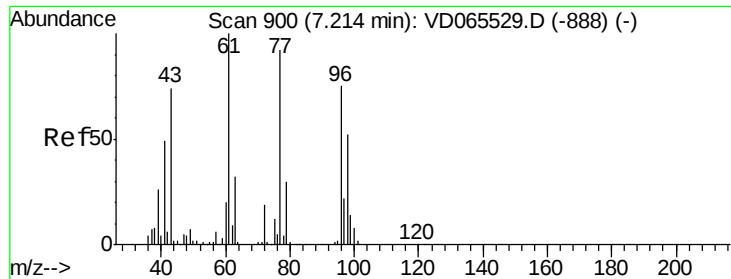
Tgt Ion: 77 Resp: 1080154

Ion Ratio Lower Upper

77 100

97 23.8 11.7 35.1





#27

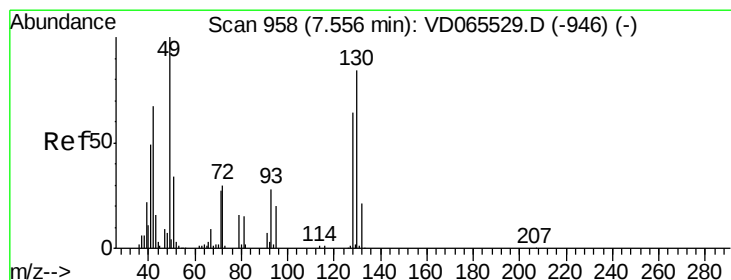
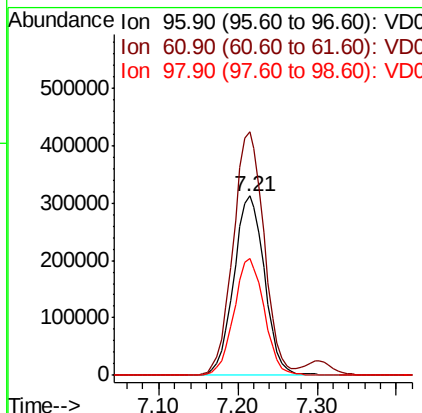
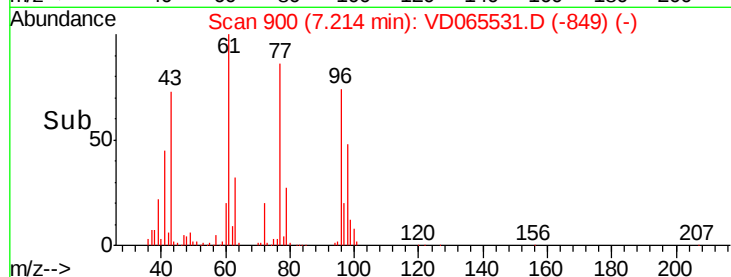
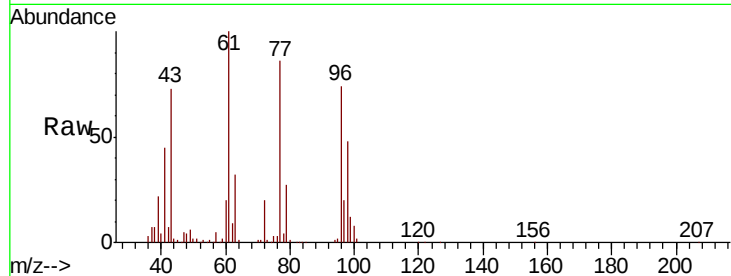
cis-1,2-Dichloroethene
 Concen: 150.119 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VD065531.D
 Acq: 26 Mar 2020 17:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
96	100	838825		
61	136.6		0.0	278.0
98	64.5		0.0	129.6

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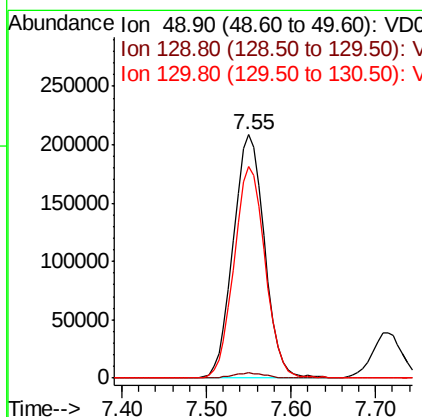
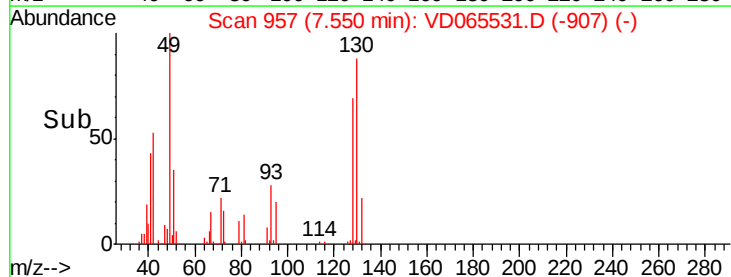
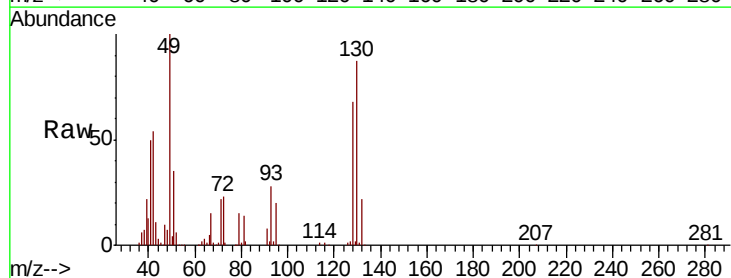
apatel
 3/27/2020 10:12:29 AM

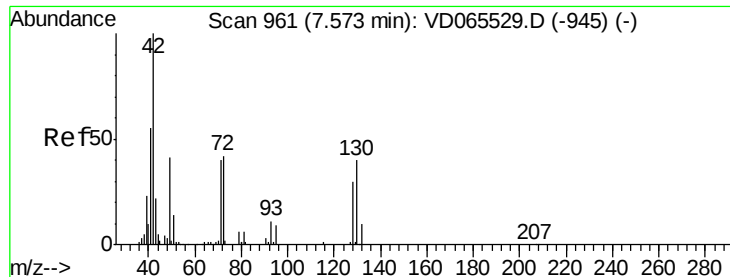


#28

Bromochloromethane
 Concen: 147.145 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. -0.01 min
 Lab File: VD065531.D
 Acq: 26 Mar 2020 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	534262		
129	2.2		0.0	4.4
130	86.3		69.7	104.5





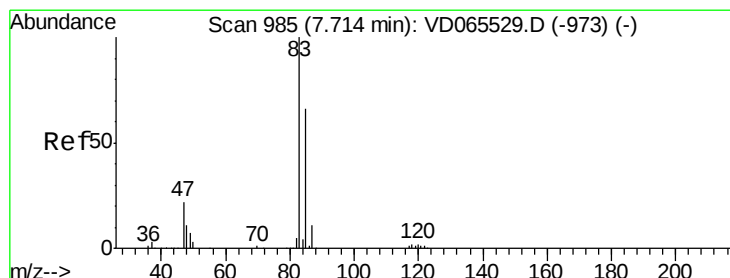
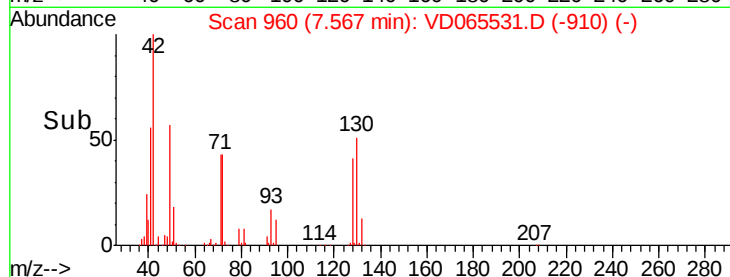
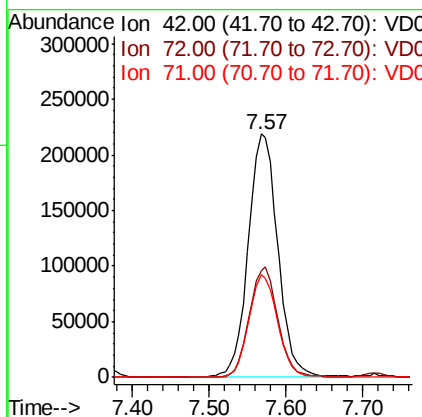
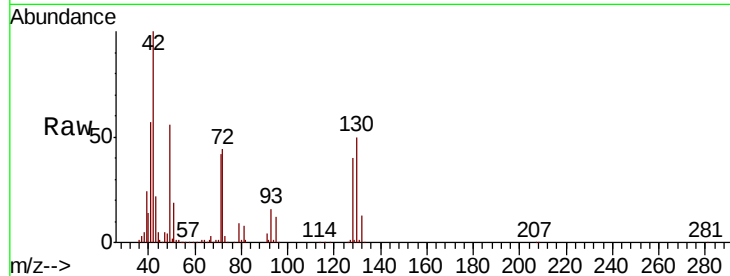
#29
Tetrahydrofuran
Concen: 737.910 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD065531.D
Acq: 26 Mar 2020 17:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.0	35.0	52.6
71	41.2	33.0	49.6

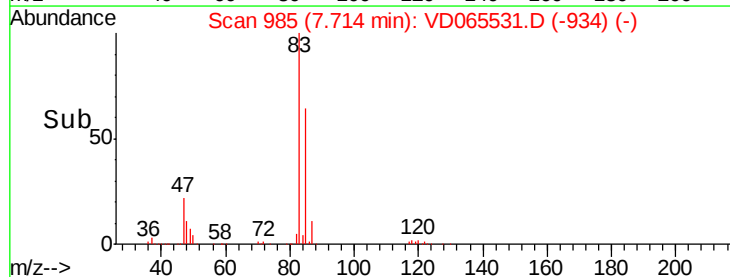
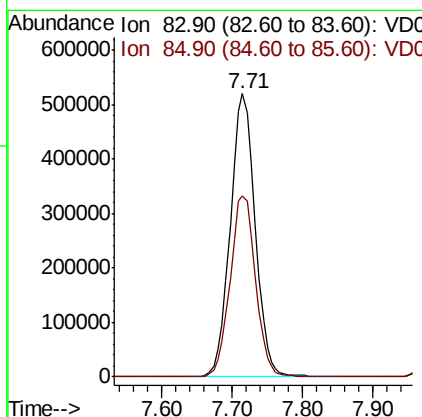
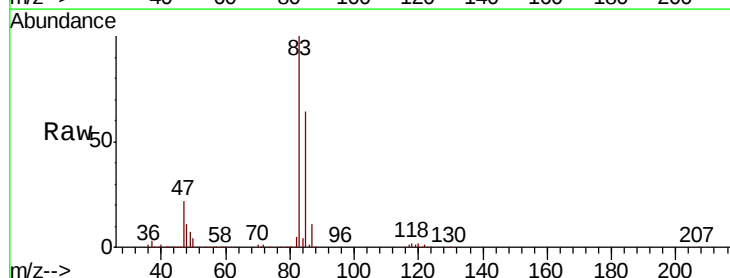
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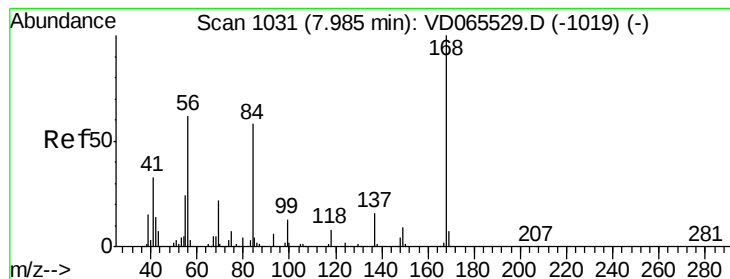
apatel
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#30
Chloroform
Concen: 141.280 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD065531.D
Acq: 26 Mar 2020 17:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	52.9	79.3





#31

Cyclohexane

Concen: 129.987 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065531.D

Acq: 26 Mar 2020 17:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 1162424

Ion Ratio Lower Upper

56 100

69 32.3 28.2 42.4

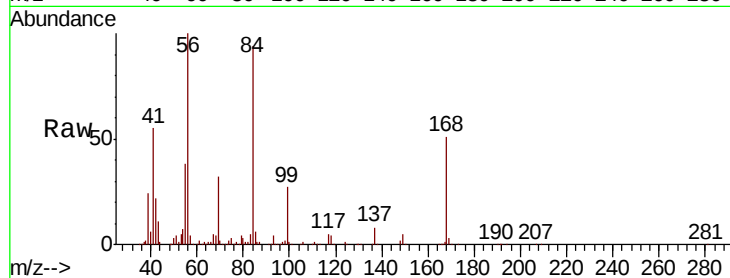
84 92.7 73.4 110.0

Manual Integrations

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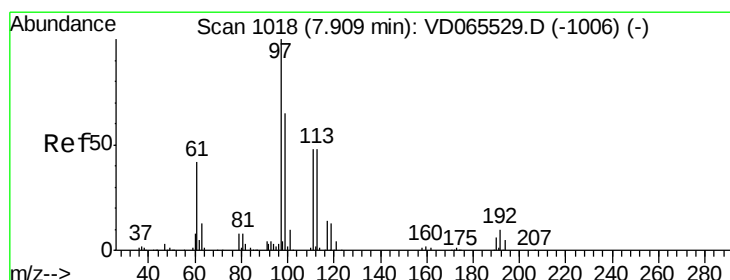
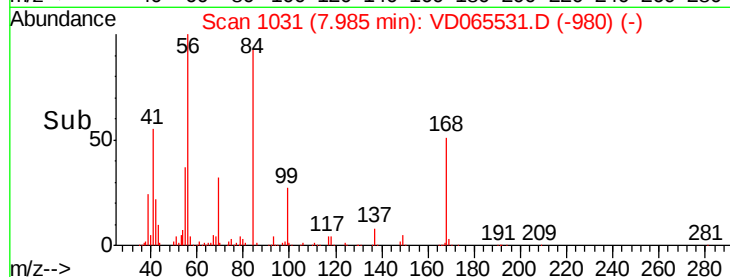
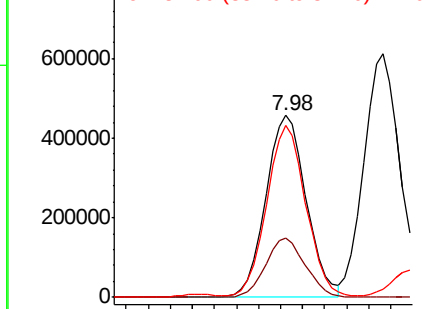


Abundance

Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC



#32

1,1,1-Trichloroethane

Concen: 137.907 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VD065531.D

Acq: 26 Mar 2020 17:57

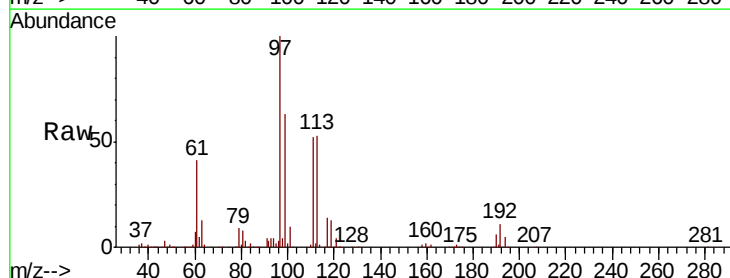
Tgt Ion: 97 Resp: 1146794

Ion Ratio Lower Upper

97 100

99 63.9 51.2 76.8

61 41.2 33.4 50.2

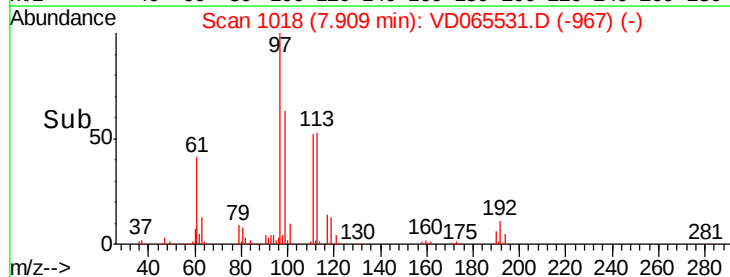
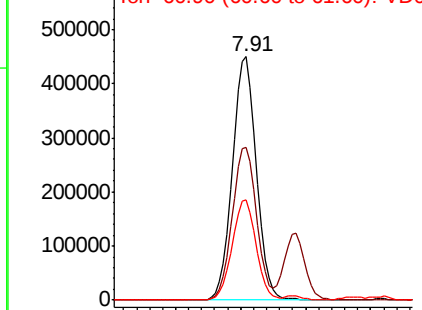


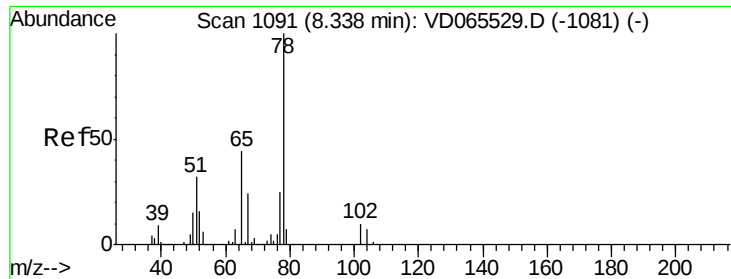
Abundance

Ion 96.90 (96.60 to 97.60): VDC

Ion 98.90 (98.60 to 99.60): VDC

Ion 60.90 (60.60 to 61.60): VDC





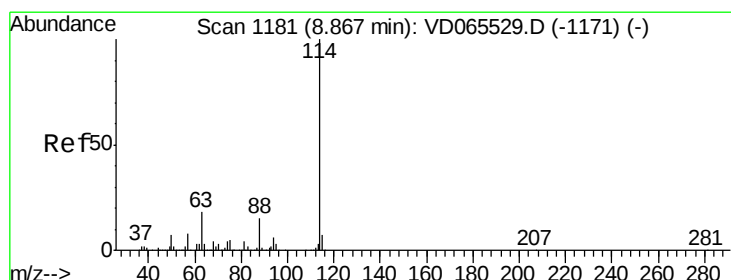
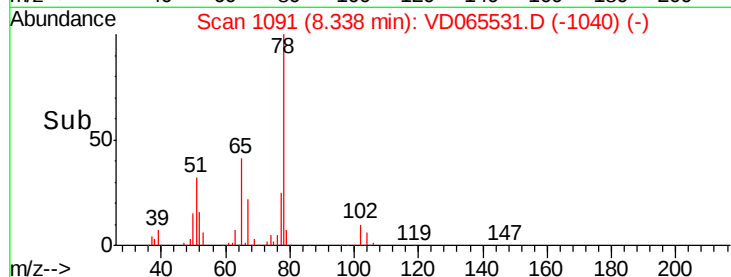
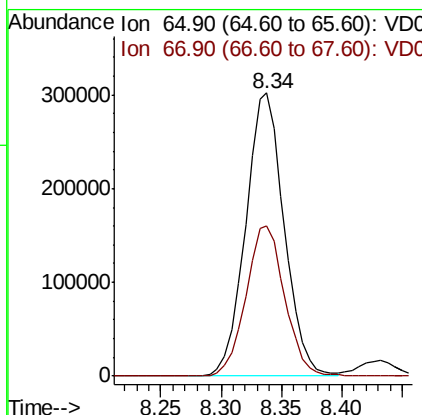
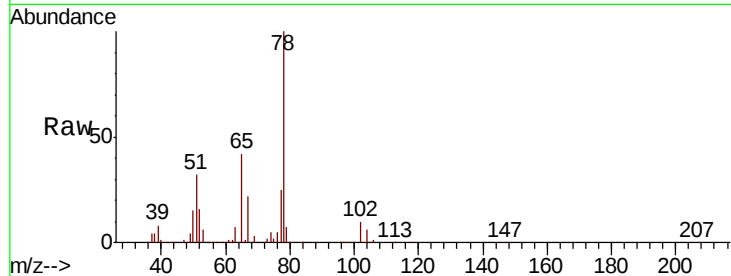
#33
 1,2-Dichloroethane-d4
 Concen: 146.537 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065531.D
 Acq: 26 Mar 2020 17:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
65	100	668487		
67	53.4	0.0	107.6	

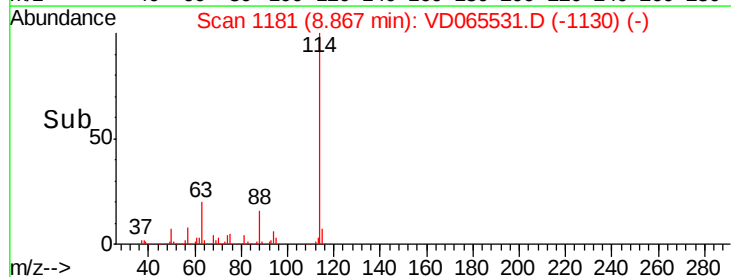
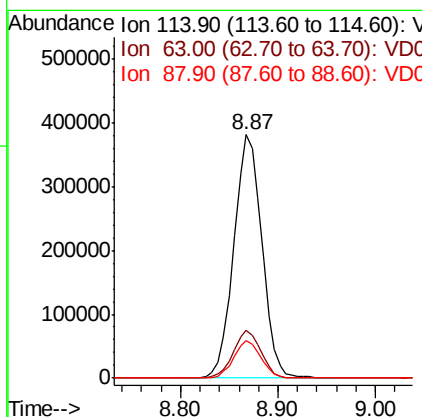
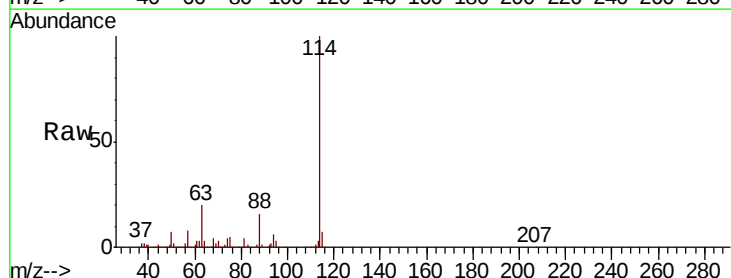
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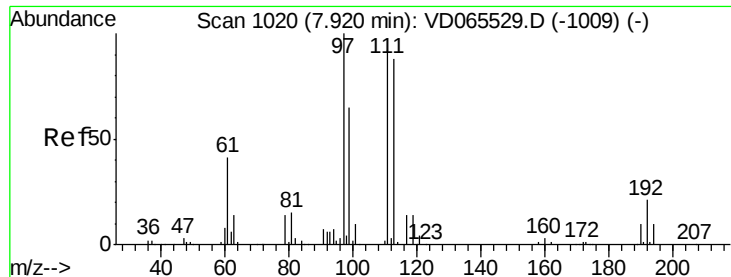
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065531.D
 Acq: 26 Mar 2020 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	766207		
63	19.6	0.0	37.0	
88	15.6	0.0	30.4	





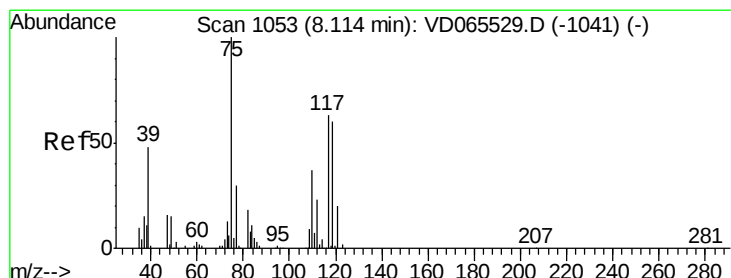
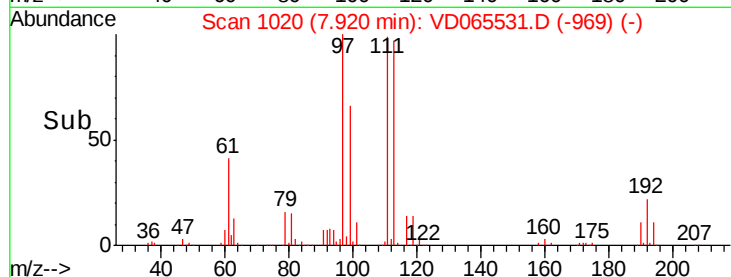
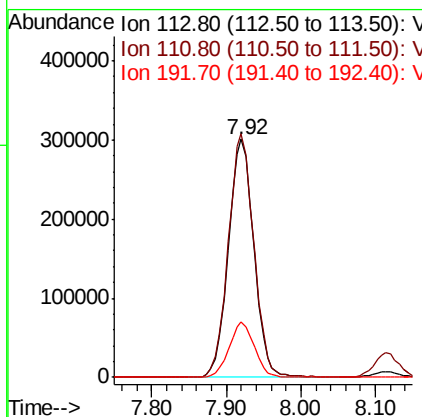
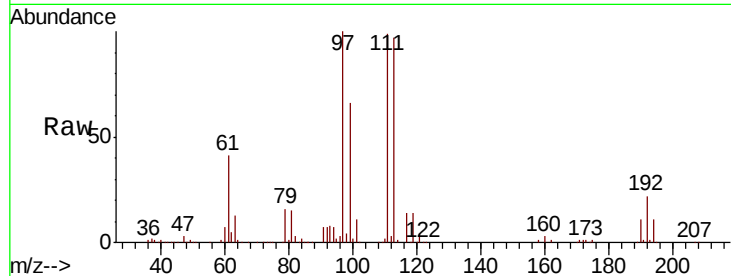
#35
 Dibromofluoromethane
 Concen: 151.684 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065531.D
 Acq: 26 Mar 2020 17:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
113	100	714755		
111	102.1	83.3	124.9	
192	22.9	18.5	27.7	

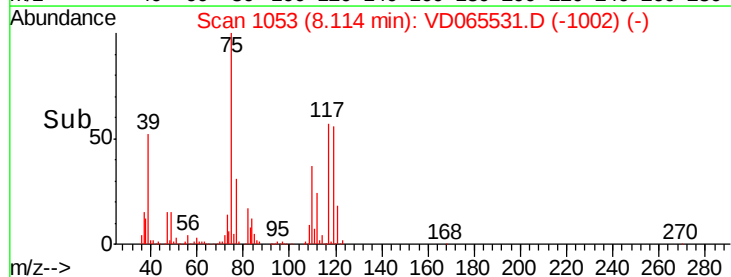
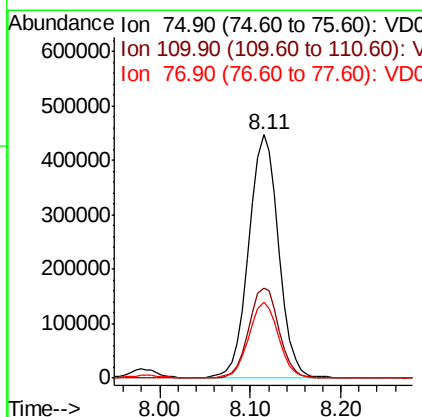
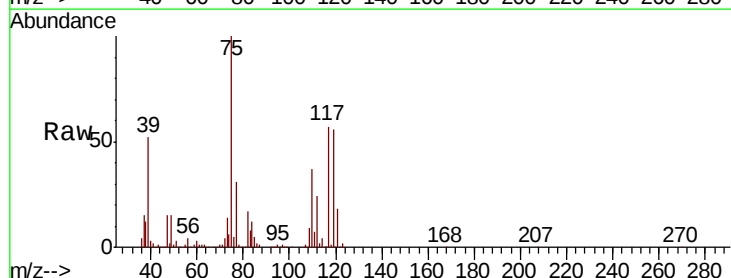
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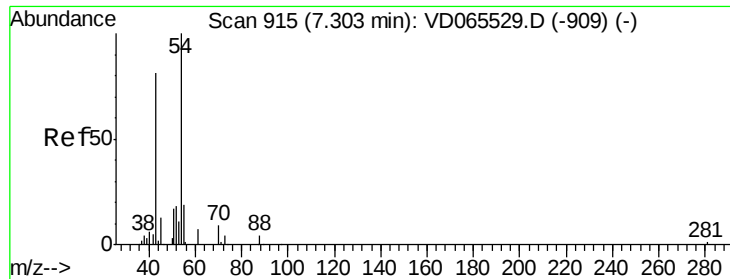
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#36
 1,1-Dichloropropene
 Concen: 140.789 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD065531.D
 Acq: 26 Mar 2020 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	1018790		
110	37.7	18.8	56.4	
77	31.0	25.1	37.7	





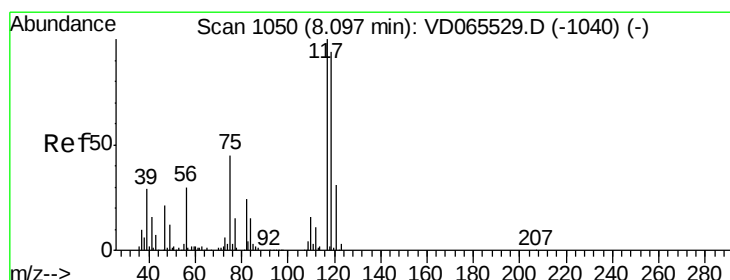
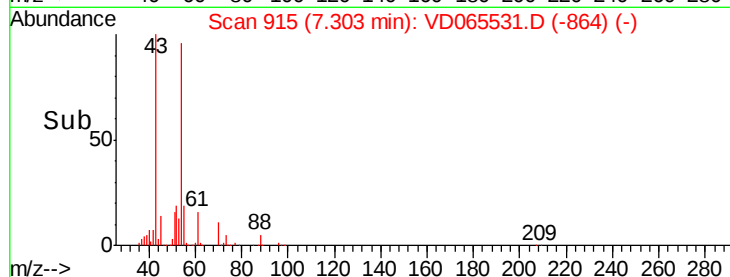
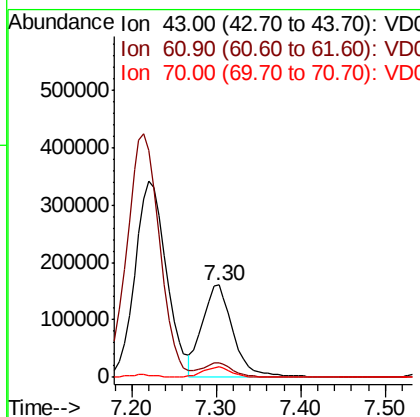
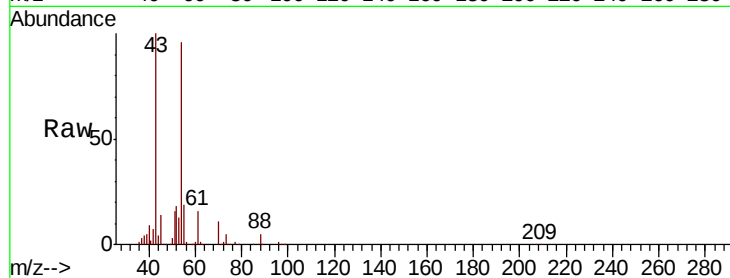
#37
Ethyl Acetate
Concen: 144.112 ug/l
RT: 7.30 min Scan# 915
Delta R.T. -0.00 min
Lab File: VD065531.D
Acq: 26 Mar 2020 17:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	12.2	18.4
70	10.7	8.4	12.6

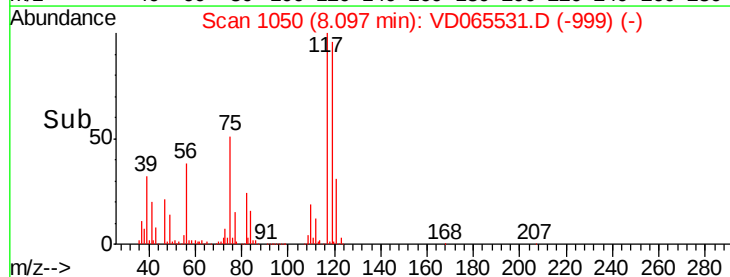
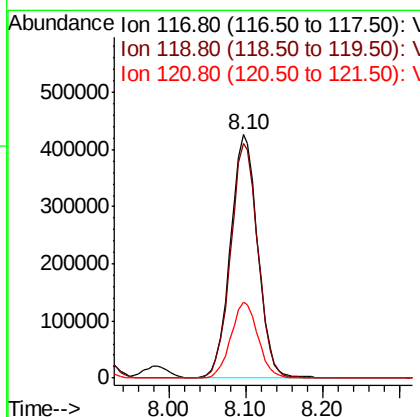
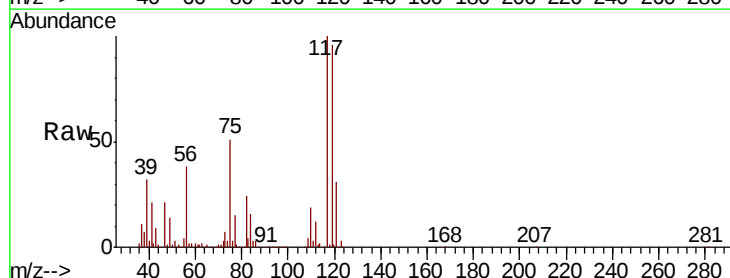
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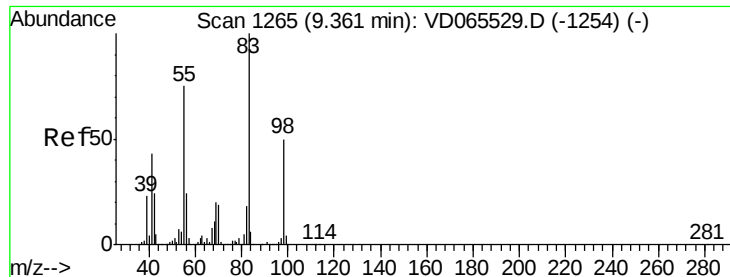
apatel
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#38
Carbon Tetrachloride
Concen: 139.834 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065531.D
Acq: 26 Mar 2020 17:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	75.2	112.8
121	31.3	24.5	36.7





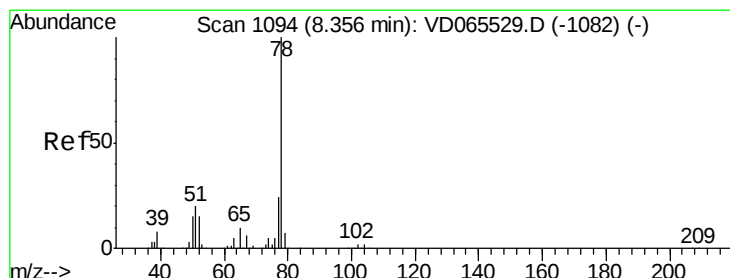
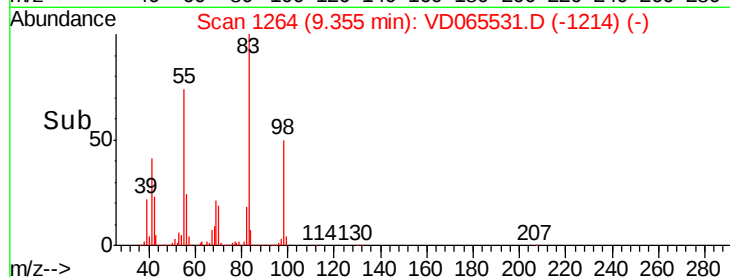
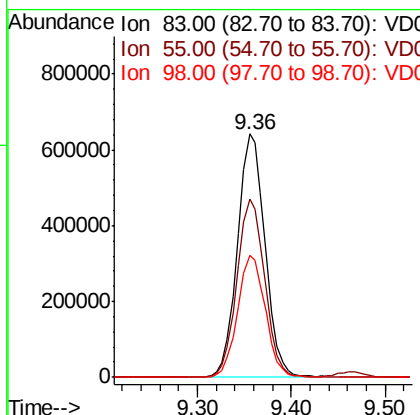
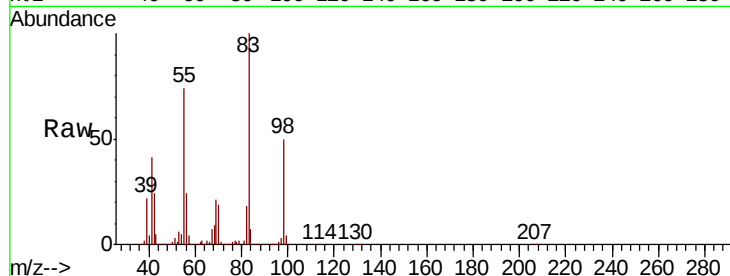
#39
Methvlcvclohexane
Concen: 150.234 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD065531.D
Acq: 26 Mar 2020 17:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion: 83 Resp: 1307222
Ion Ratio Lower Upper
83 100
55 73.5 59.7 89.5
98 50.0 40.2 60.2

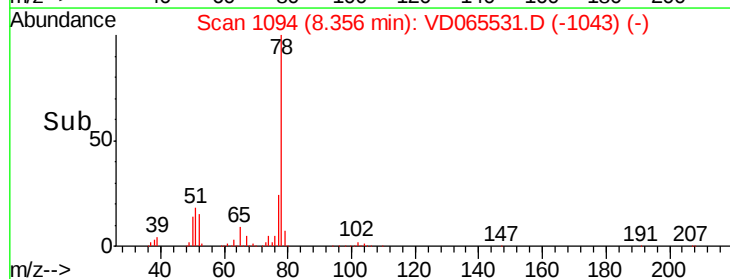
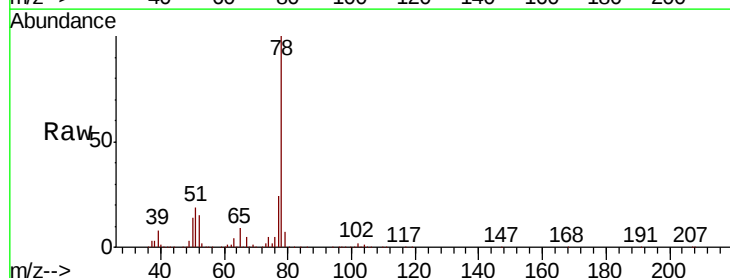
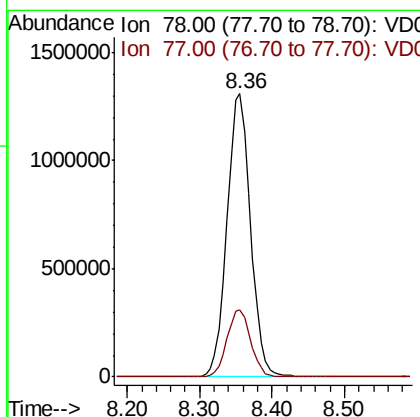
Manual Integrations
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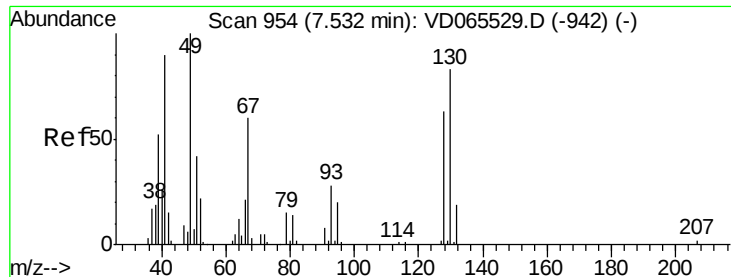
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#40
Benzene
Concen: 145.530 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD065531.D
Acq: 26 Mar 2020 17:57

Tgt Ion: 78 Resp: 2950246
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7





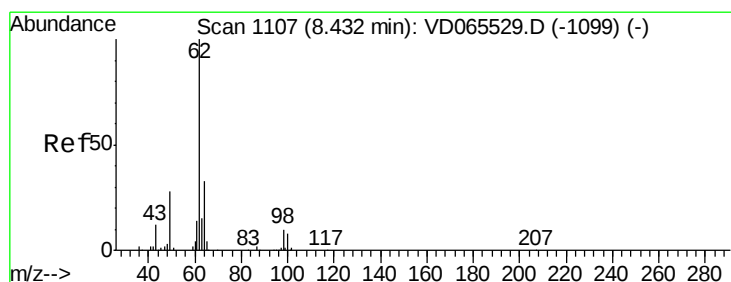
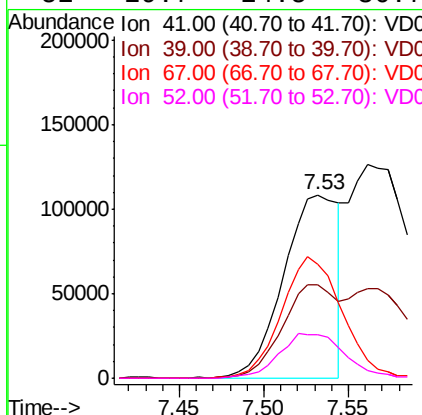
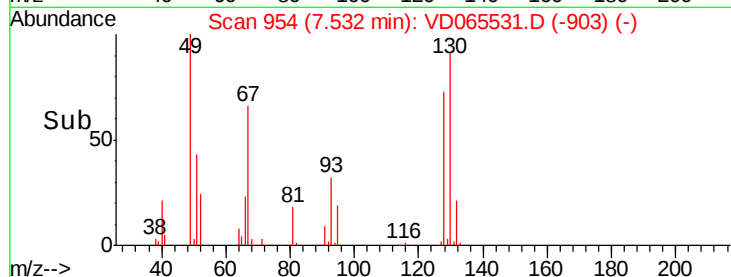
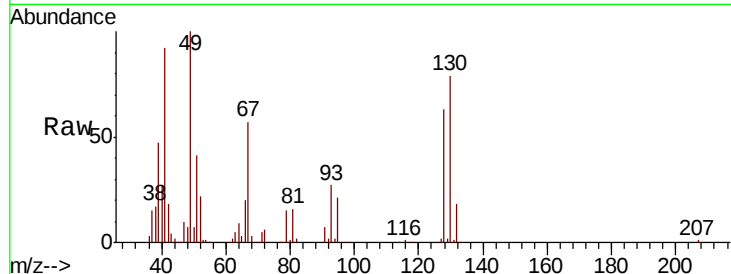
#41
Methacrylonitrile
Concen: 159.652 ug/l
RT: 7.53 min Scan# 954
Delta R.T. -0.00 min
Lab File: VD065531.D
Acq: 26 Mar 2020 17:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
41	100		
39	50.7	42.9	64.3
67	74.1	60.5	90.7
52	29.7	24.5	36.7

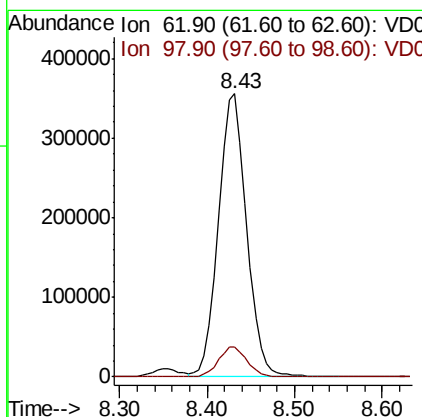
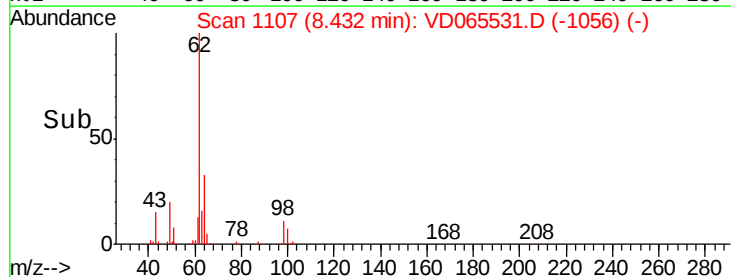
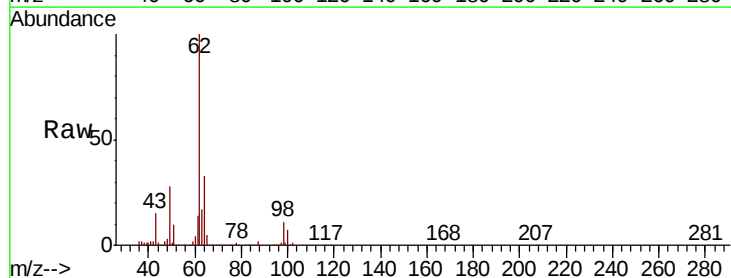
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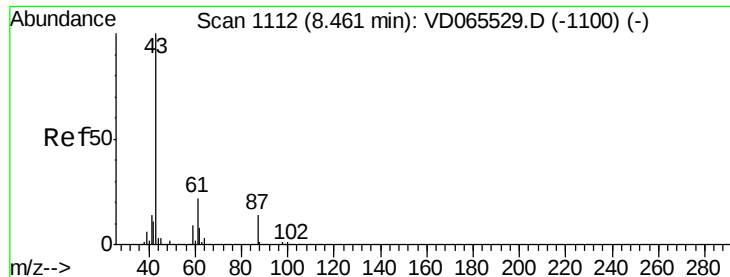
apatel
3/27/2020 10:12:29 AM



#42
1,2-Dichloroethane
Concen: 147.935 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VD065531.D
Acq: 26 Mar 2020 17:57

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.8





#43

Isopropyl Acetate

Concen: 151.462 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VD065531.D

Acq: 26 Mar 2020 17:57

Instrument :

MSVOA_D

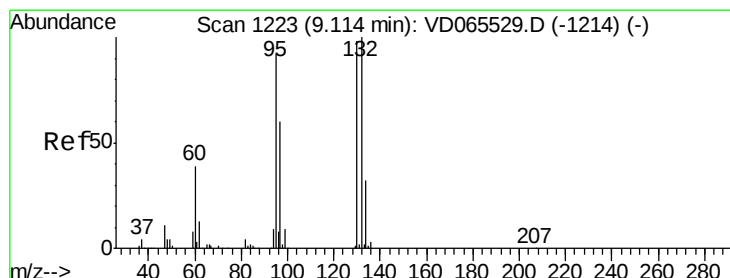
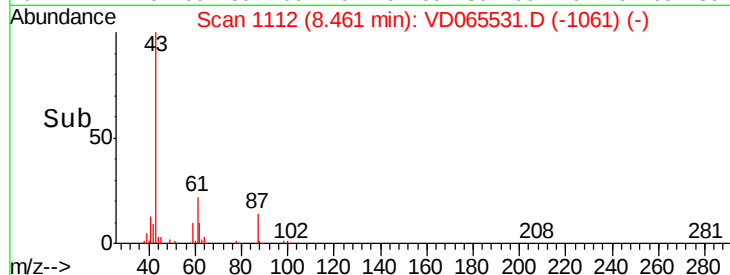
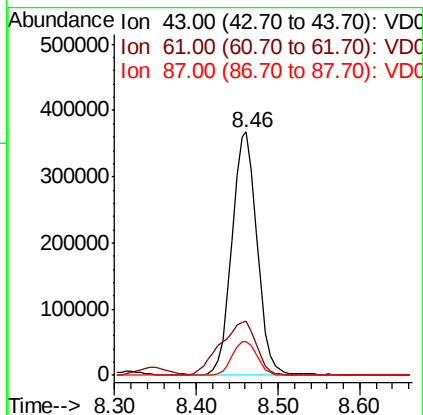
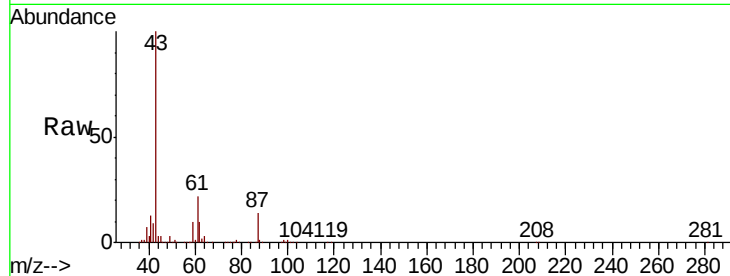
ClientSampleID :

VSTDIC150

Tot Ion:	43	Resp:	784749
Ion	Ratio	Lower	Upper
43	100		
61	31.7	25.0	37.4
87	14.1	11.0	16.4

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#44

Trichloroethene

Concen: 149.926 ug/l

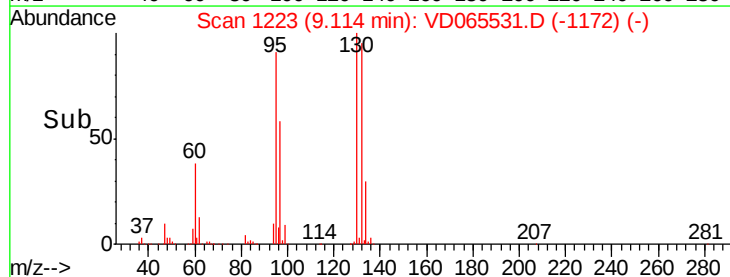
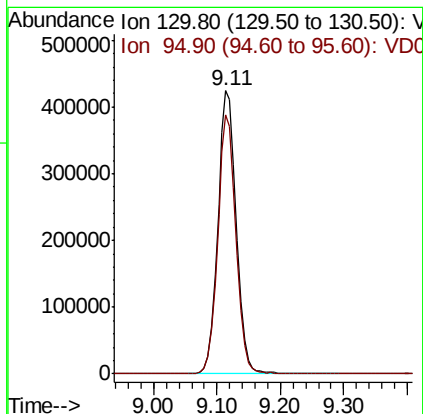
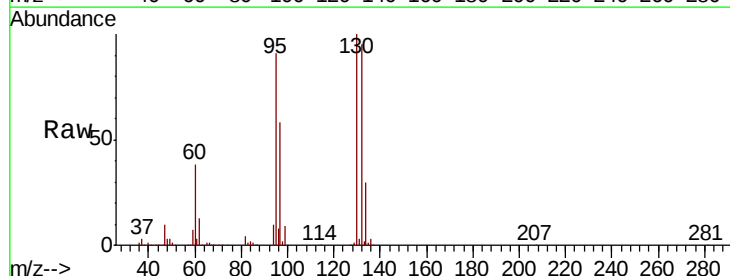
RT: 9.11 min Scan# 1223

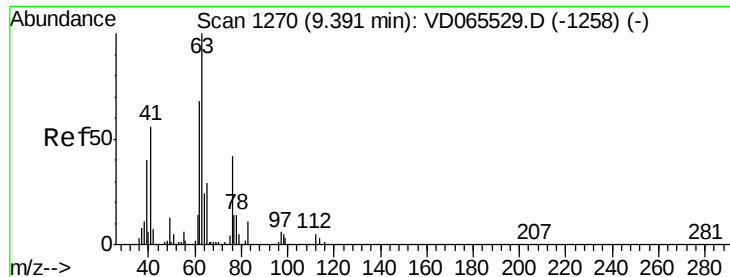
Delta R.T. -0.00 min

Lab File: VD065531.D

Acq: 26 Mar 2020 17:57

Tgt Ion:	130	Resp:	860514
Ion	Ratio	Lower	Upper
130	100		
95	91.5	0.0	187.0





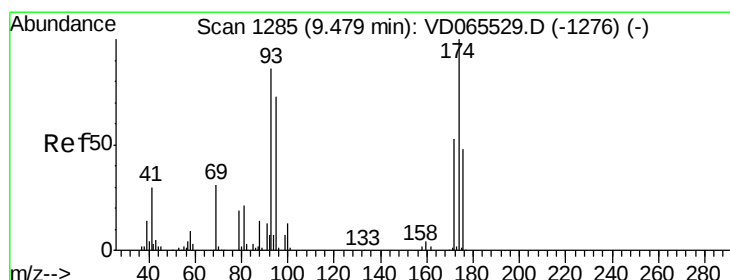
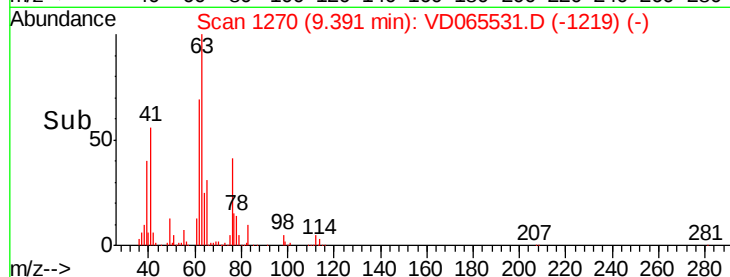
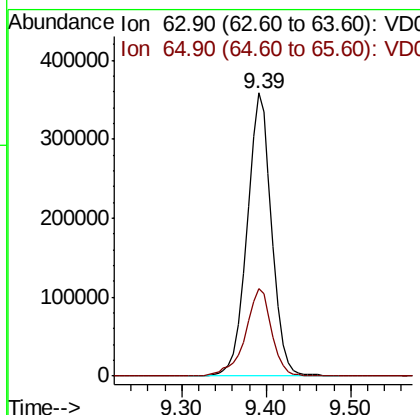
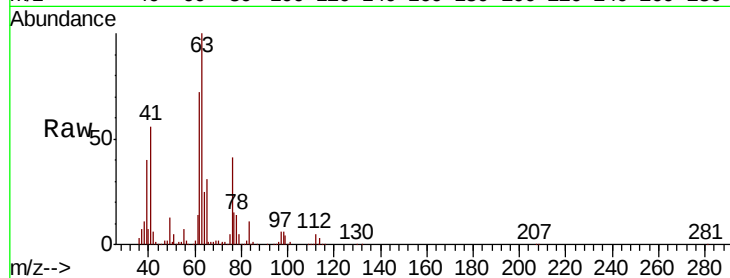
#45
 1,2-Dichloropropane
 Concen: 147.181 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD065531.D
 Acq: 26 Mar 2020 17:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	23.5	35.3

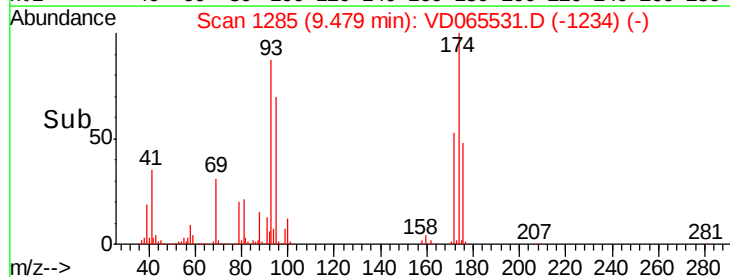
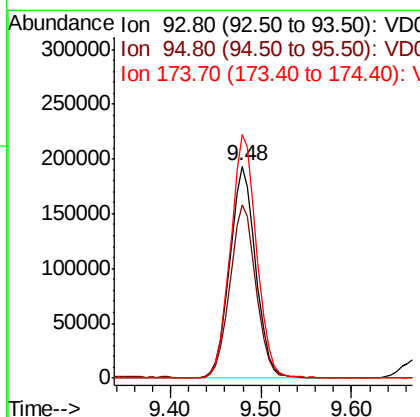
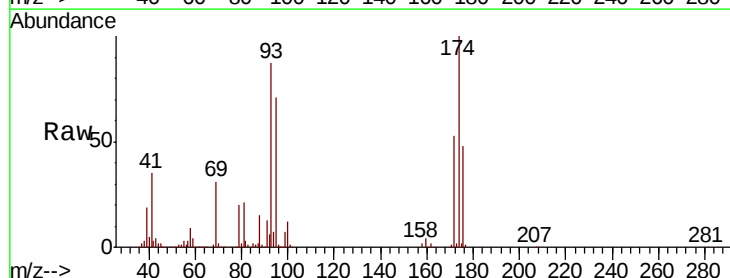
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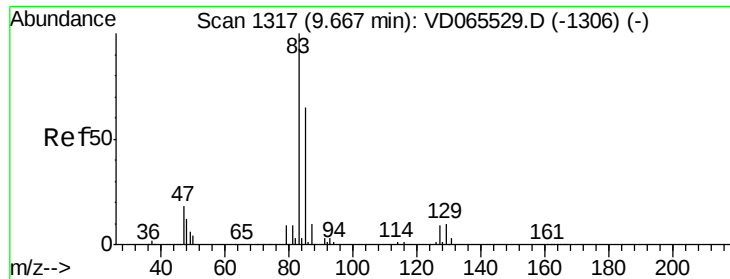
apatel
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#46
 Dibromomethane
 Concen: 150.191 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD065531.D
 Acq: 26 Mar 2020 17:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.8	67.3	100.9
174	115.9	92.5	138.7





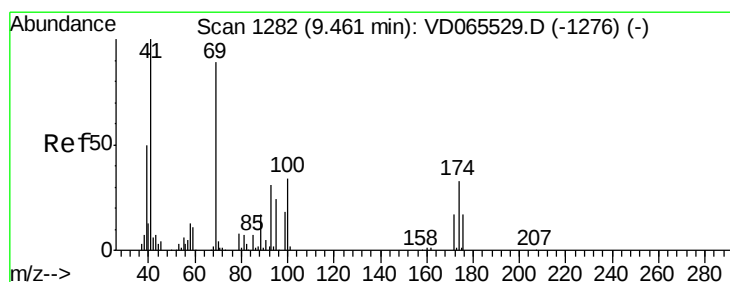
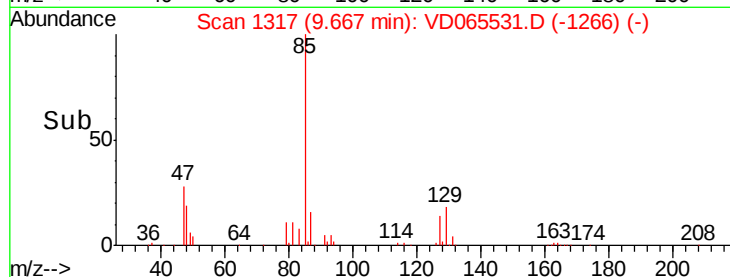
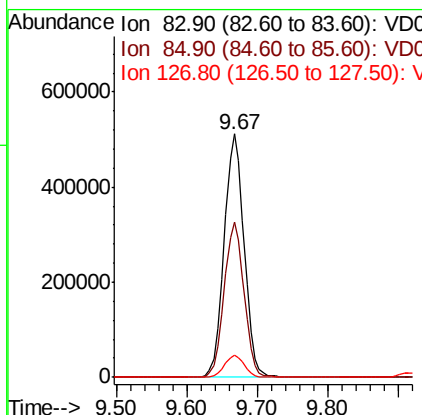
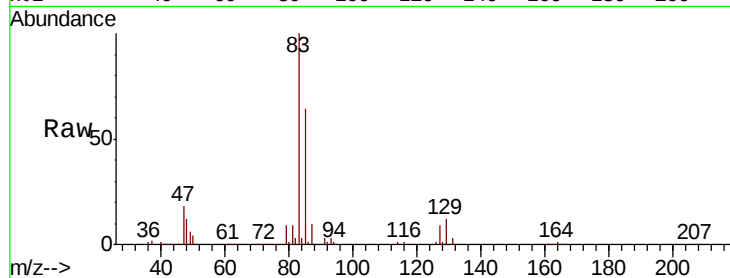
#47
Bromodichloromethane
Concen: 150.015 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VD065531.D
Acq: 26 Mar 2020 17:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	83	Resp	997731
Ion Ratio	100	Lower	Upper
83	100		
85	63.7	52.2	78.2
127	9.0	7.1	10.7

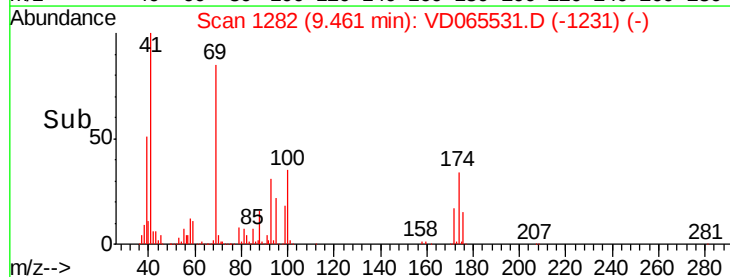
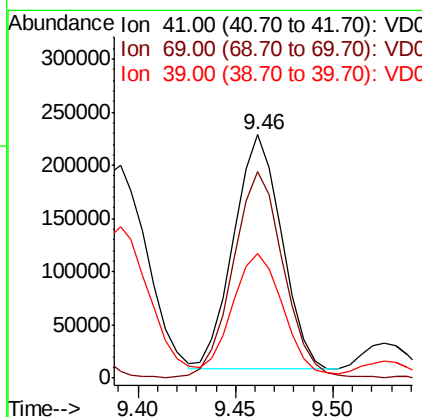
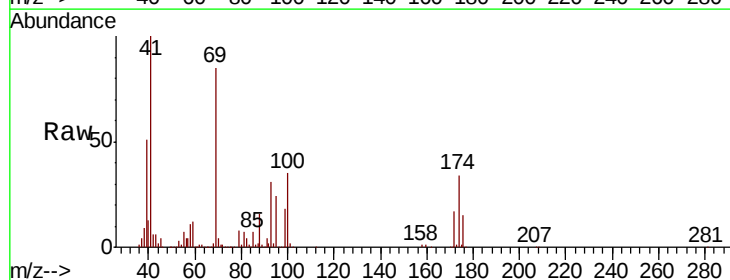
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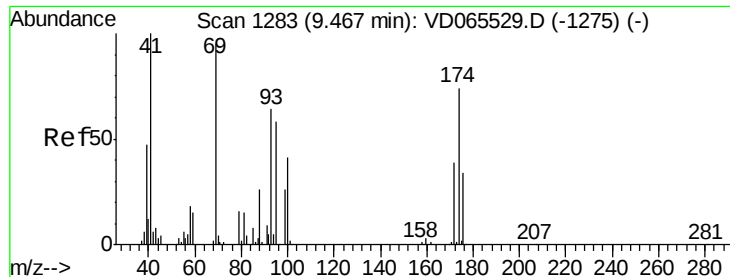
apatel
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#48
Methyl methacrylate
Concen: 153.773 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VD065531.D
Acq: 26 Mar 2020 17:57

Tgt Ion	41	Resp	376157
Ion Ratio	100	Lower	Upper
41	100		
69	91.6	71.8	107.6
39	52.6	42.2	63.4





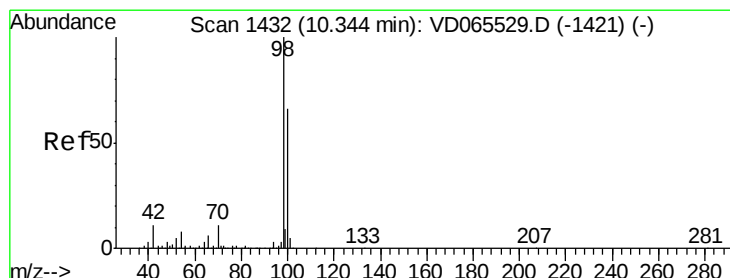
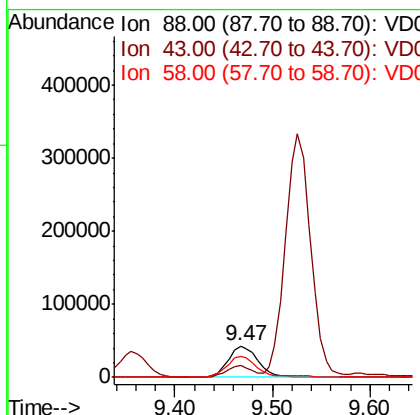
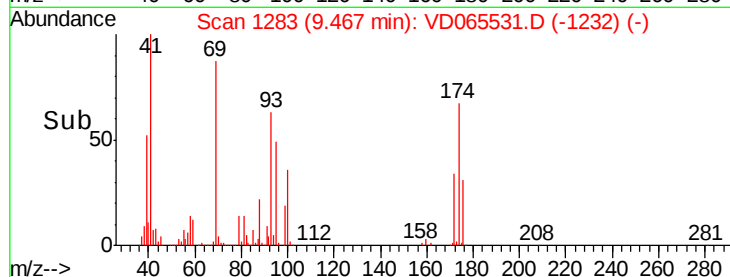
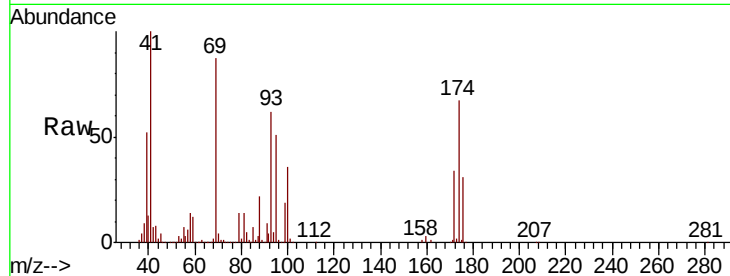
#49
1,4-Dioxane
Concen: 3106.477 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VD065531.D
Acq: 26 Mar 2020 17:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	88	Resp	91407
Ion Ratio	Lower	Upper	
88	100		
43	33.3	26.0	39.0
58	70.0	54.6	82.0

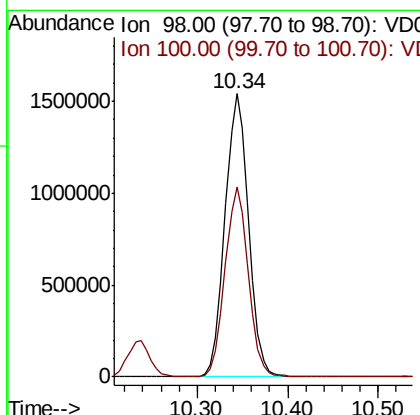
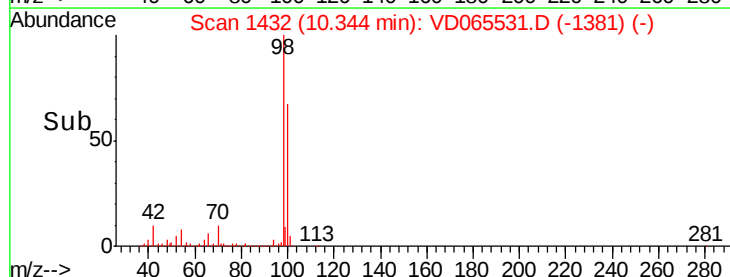
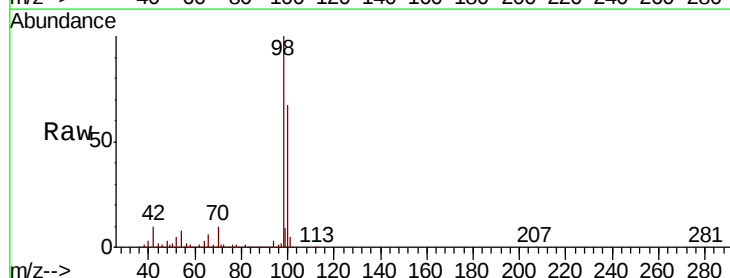
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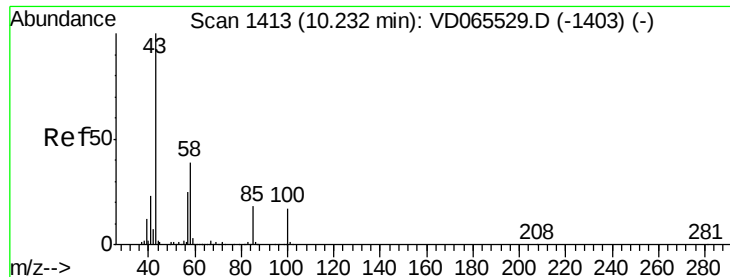
apatel
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#50
Toluene-d8
Concen: 154.342 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065531.D
Acq: 26 Mar 2020 17:57

Tgt Ion	98	Resp	2781877
Ion Ratio	Lower	Upper	
98	100		
100	66.5	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 759.372 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD065531.D

Acq: 26 Mar 2020 17:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 1986438

Ion Ratio Lower Upper

43 100

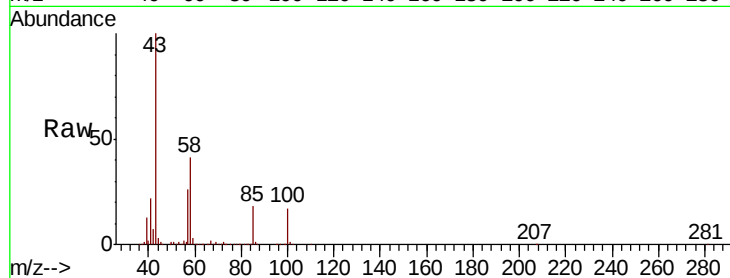
58 40.4 31.4 47.2

Manual Integrations

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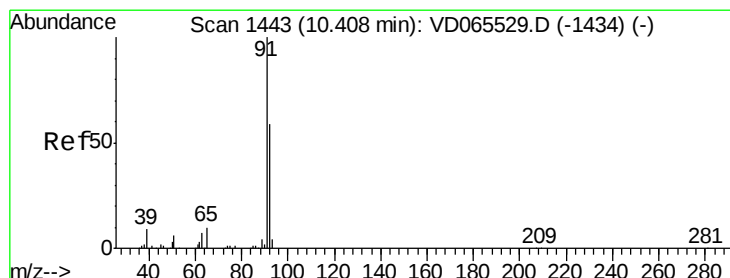
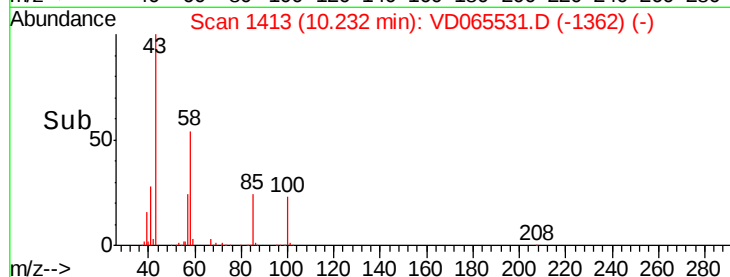
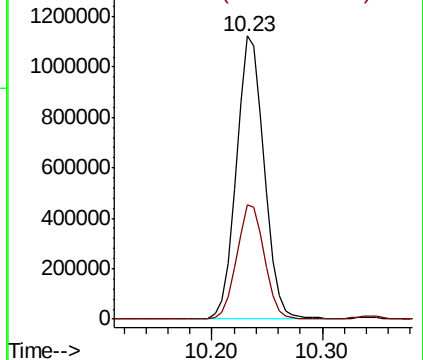
apatel

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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: 150.465 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD065531.D

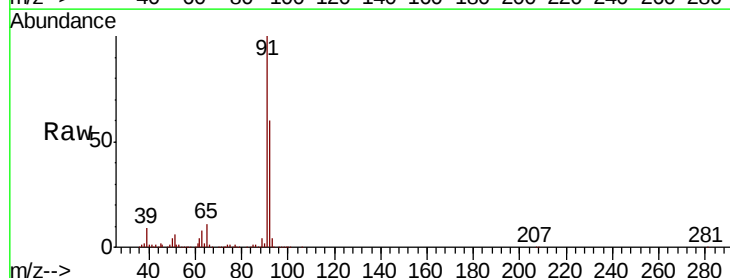
Acq: 26 Mar 2020 17:57

Tgt Ion: 92 Resp: 1925107

Ion Ratio Lower Upper

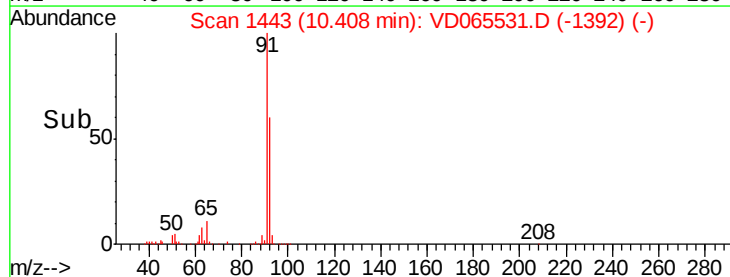
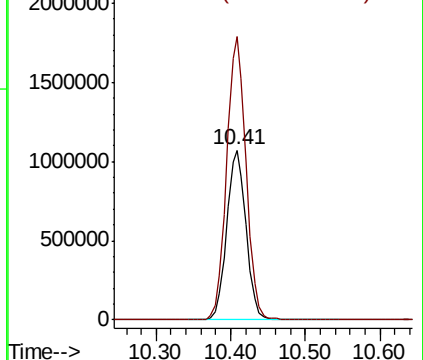
92 100

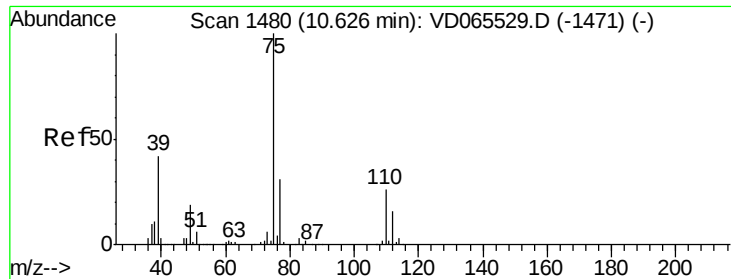
91 168.5 137.3 205.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





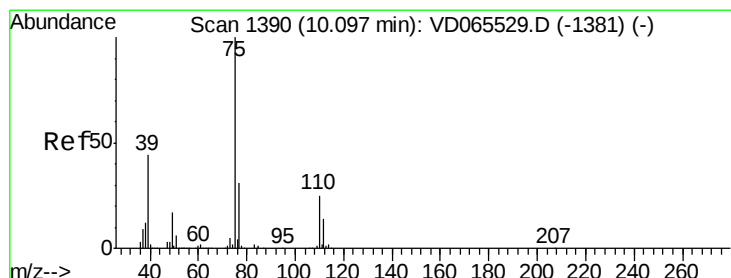
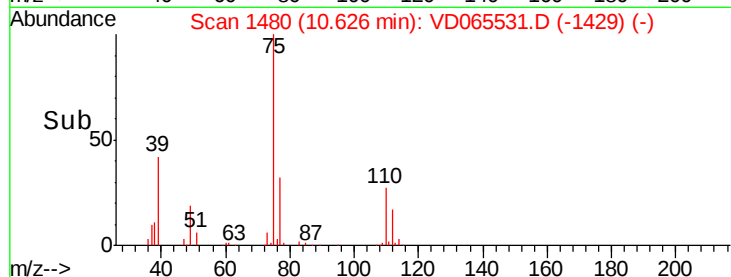
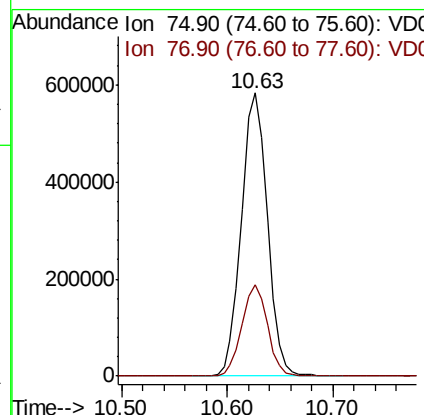
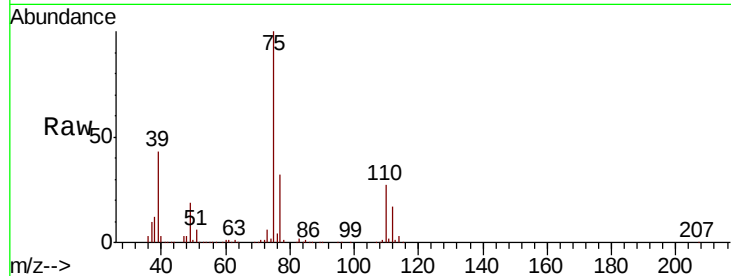
#53
 t-1,3-Dichloropropene
 Concen: 159.956 ug/l
 RT: 10.63 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: VD065531.D
 Acq: 26 Mar 2020 17:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion: 75 Resp: 995187
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.2 37.8

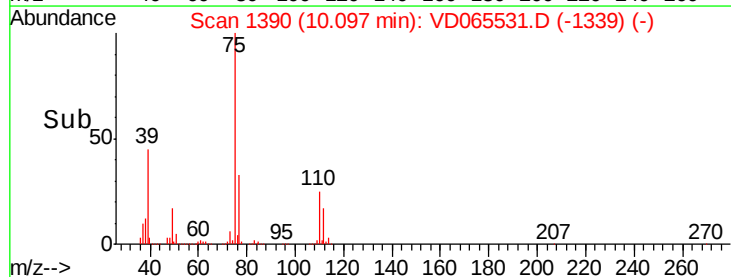
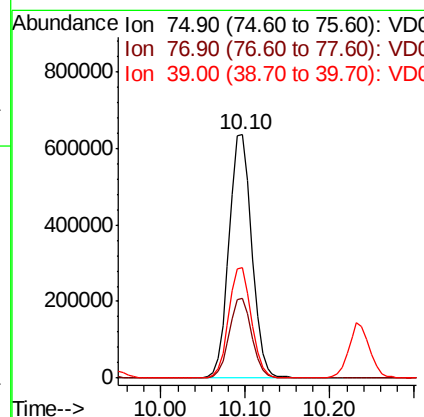
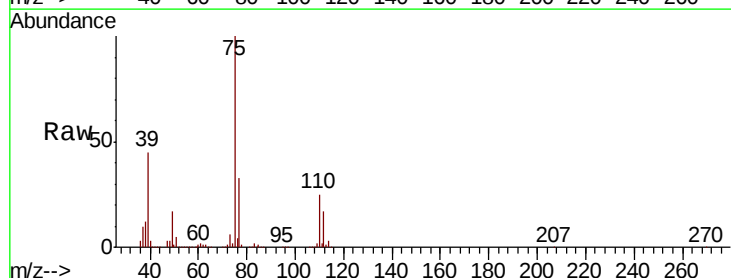
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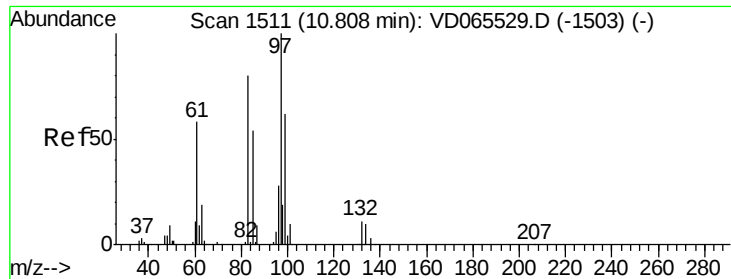
apatel
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#54
 cis-1,3-Dichloropropene
 Concen: 157.600 ug/l
 RT: 10.10 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: VD065531.D
 Acq: 26 Mar 2020 17:57

Tgt Ion: 75 Resp: 1185762
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.6 36.8
 39 45.1 35.4 53.2





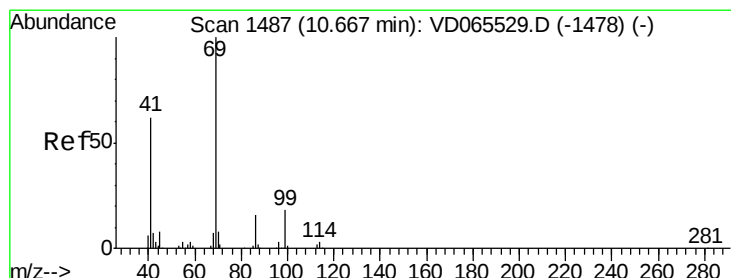
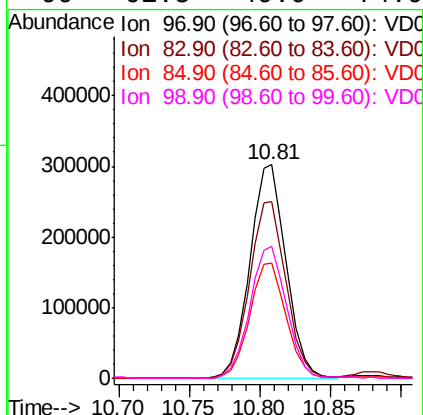
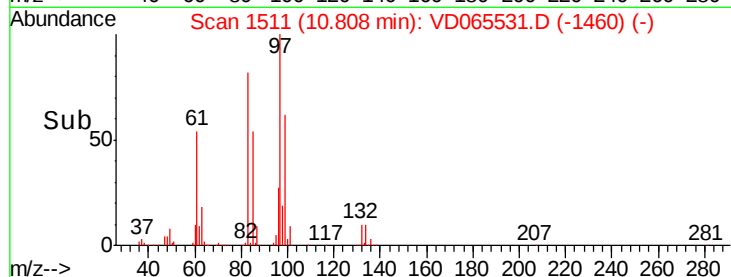
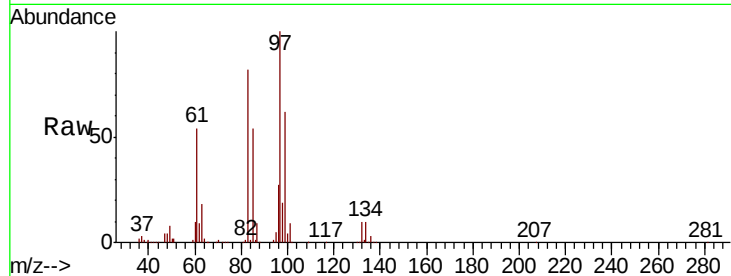
#55
 1,1,2-Trichloroethane
 Concen: 149.084 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. -0.00 min
 Lab File: VD065531.D
 Acq: 26 Mar 2020 17:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion:	97	Resp:	542644
Ion	Ratio	Lower	Upper
97	100		
83	82.4	63.8	95.6
85	53.7	42.9	64.3
99	61.5	49.9	74.9

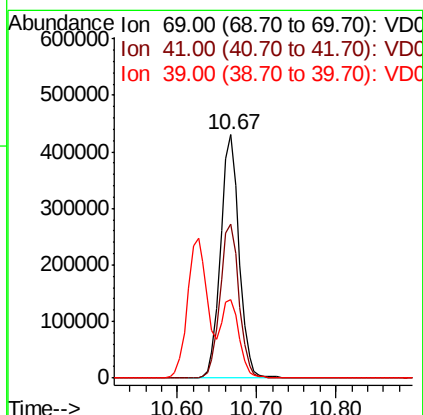
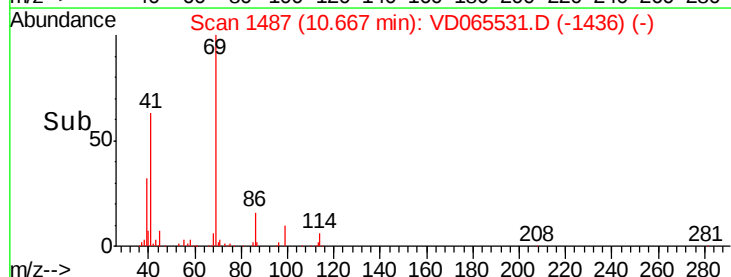
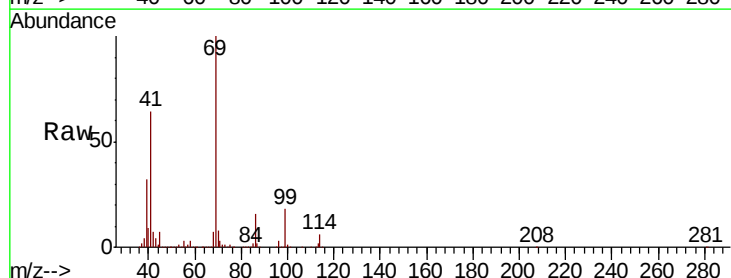
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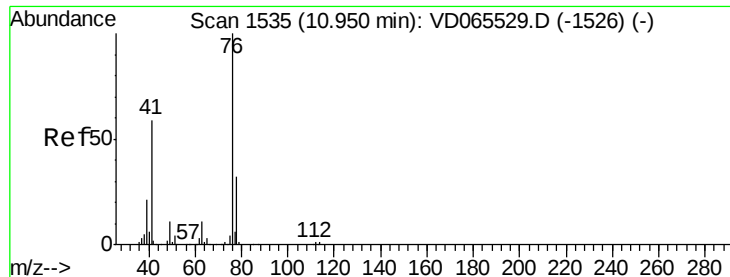
apatel
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#56
 Ethyl methacrylate
 Concen: 169.867 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD065531.D
 Acq: 26 Mar 2020 17:57

Tgt Ion:	69	Resp:	696115
Ion	Ratio	Lower	Upper
69	100		
41	65.0	51.3	76.9
39	30.8	25.3	37.9





#57

1,3-Dichloropropane

Concen: 151.966 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD065531.D

Acq: 26 Mar 2020 17:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 934875

Ion Ratio Lower Upper

76 100

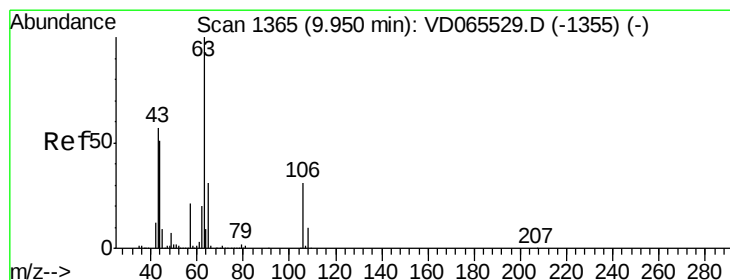
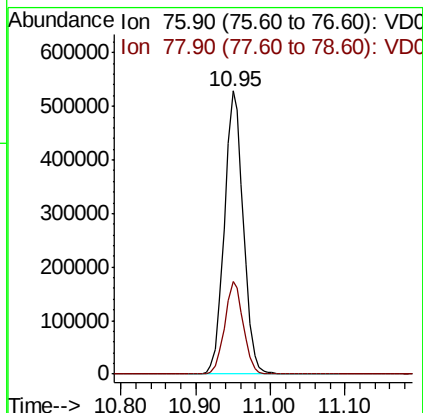
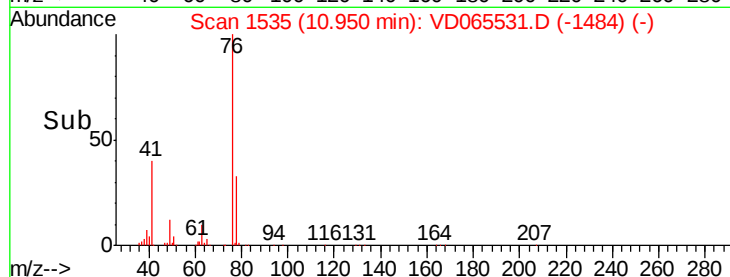
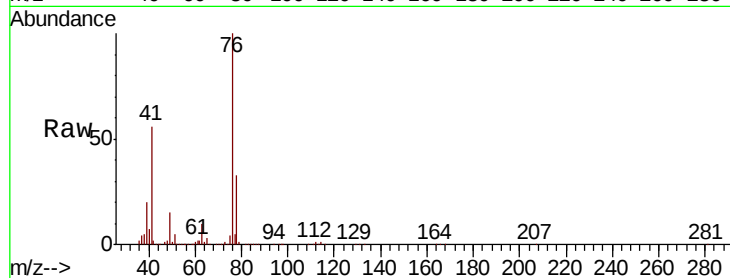
78 32.3 25.7 38.5

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 1189.370 ug/l

RT: 9.95 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VD065531.D

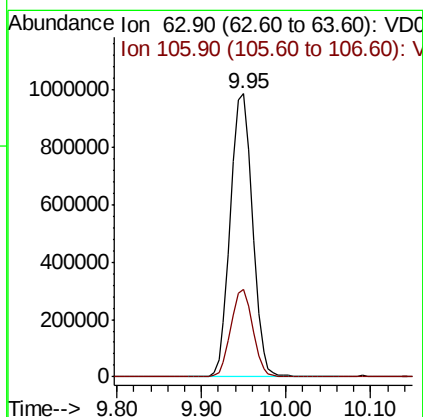
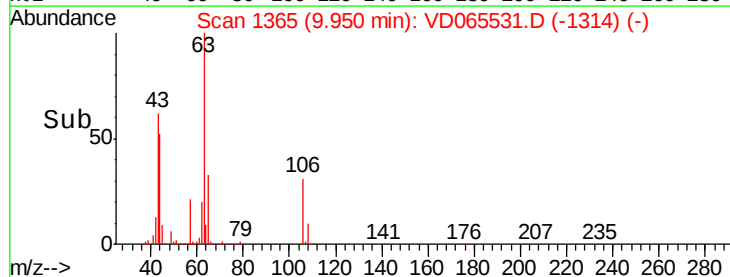
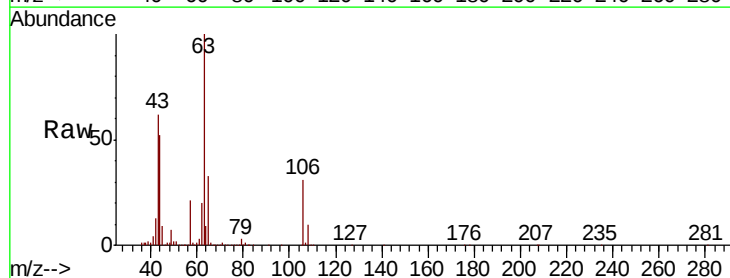
Acq: 26 Mar 2020 17:57

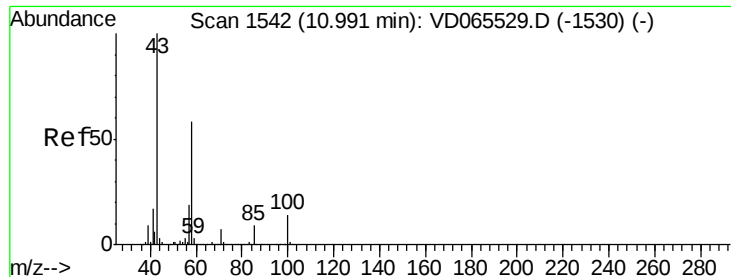
Tgt Ion: 63 Resp: 1781346

Ion Ratio Lower Upper

63 100

106 30.3 24.3 36.5





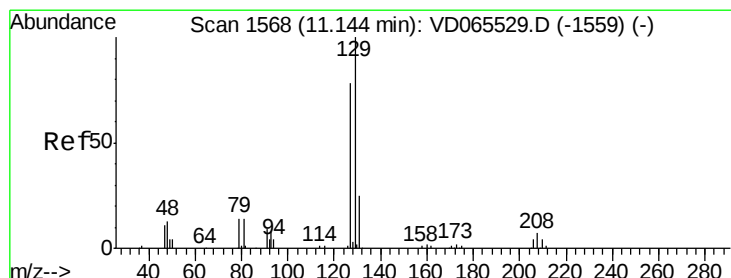
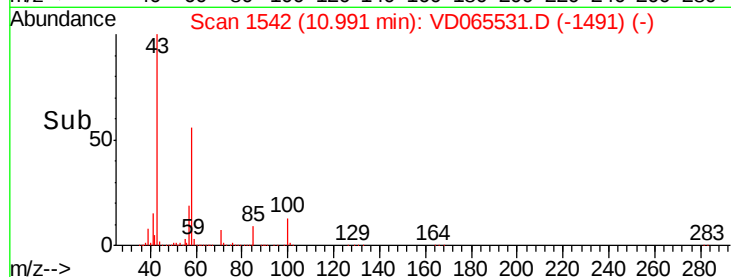
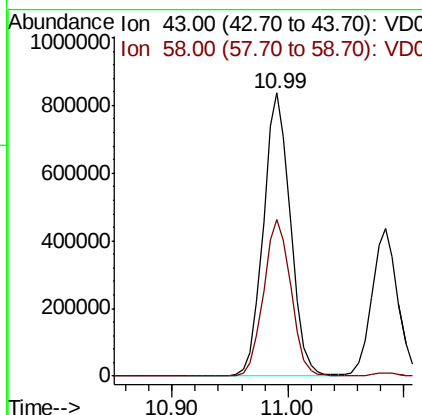
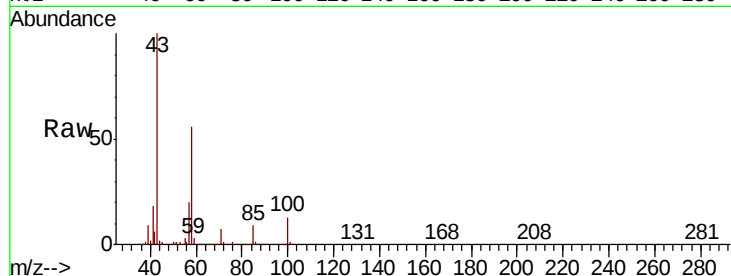
#59
2-Hexanone
Concen: 757.095 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD065531.D
Acq: 26 Mar 2020 17:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 1367130
Ion Ratio Lower Upper
43 100
58 55.9 27.9 83.7

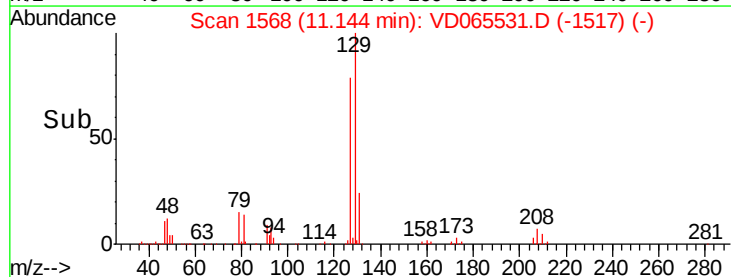
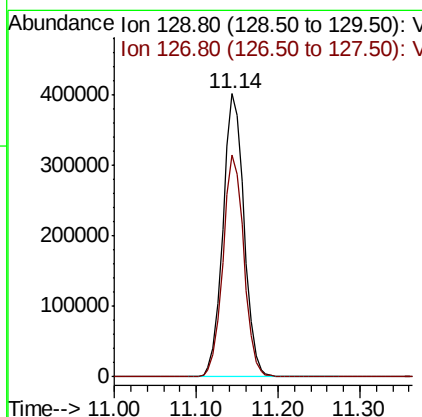
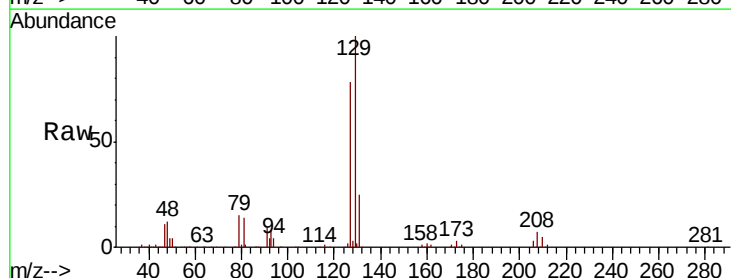
Manual Integrations
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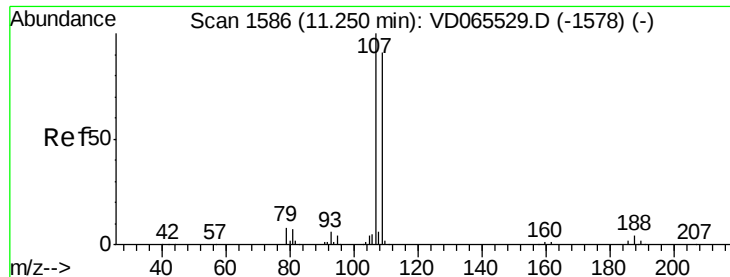
apatel
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#60
Dibromochloromethane
Concen: 154.040 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065531.D
Acq: 26 Mar 2020 17:57

Tgt Ion: 129 Resp: 720118
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.6





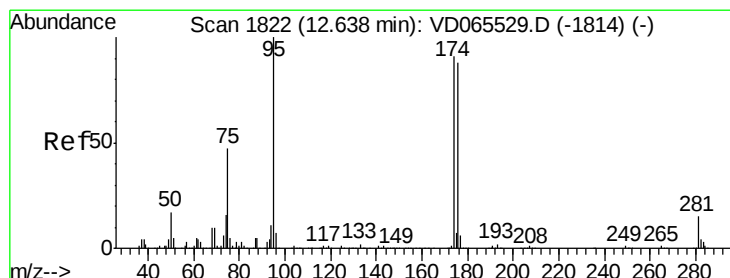
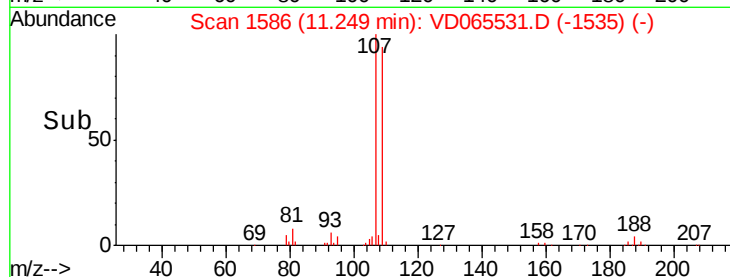
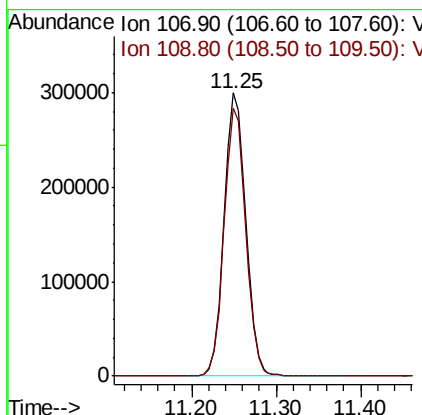
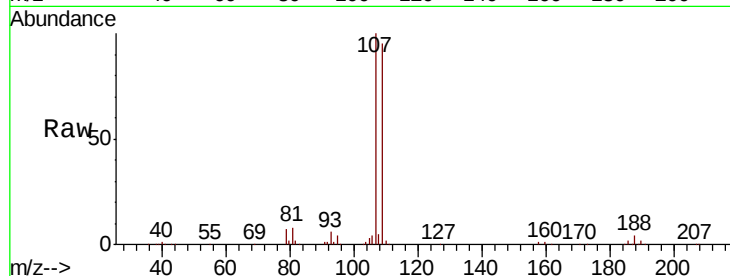
#61
 1,2-Dibromoethane
 Concen: 152.644 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065531.D
 Acq: 26 Mar 2020 17:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.1	74.9	112.3

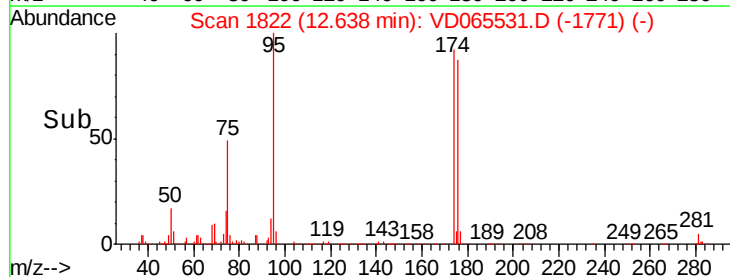
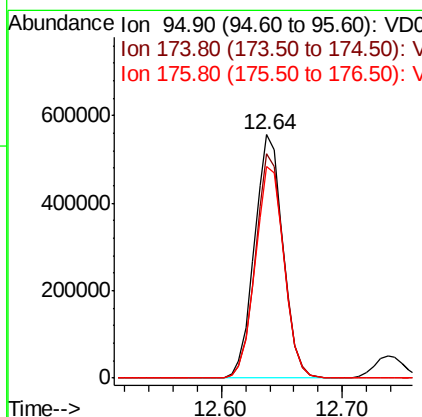
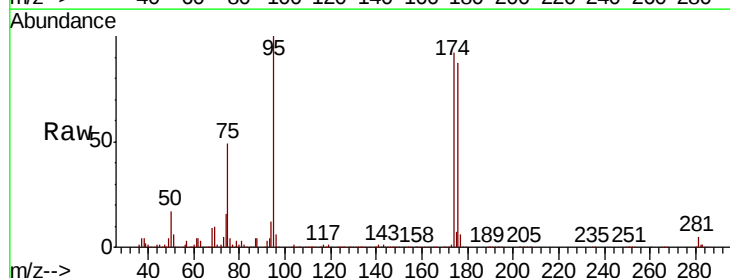
Manual Integrations
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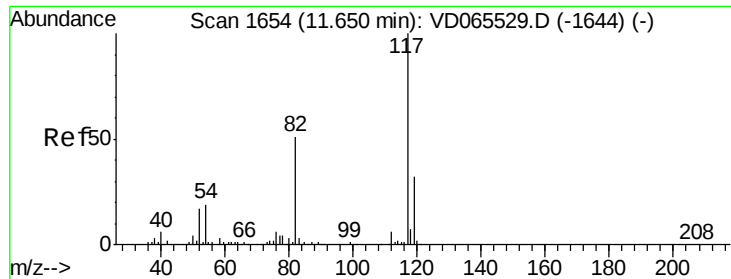
apatel
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#62
 4-Bromofluorobenzene
 Concen: 163.923 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD065531.D
 Acq: 26 Mar 2020 17:57

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.5	0.0	183.8
176	88.2	0.0	178.2





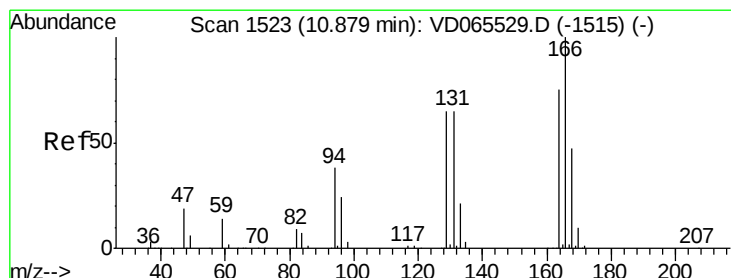
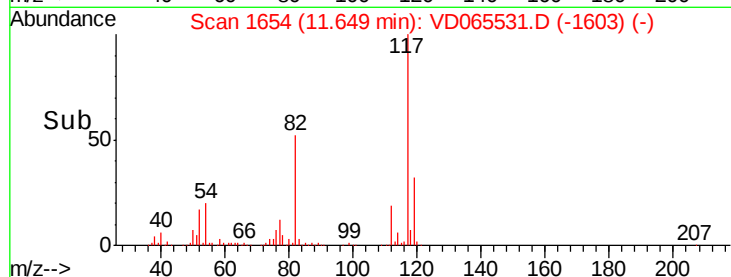
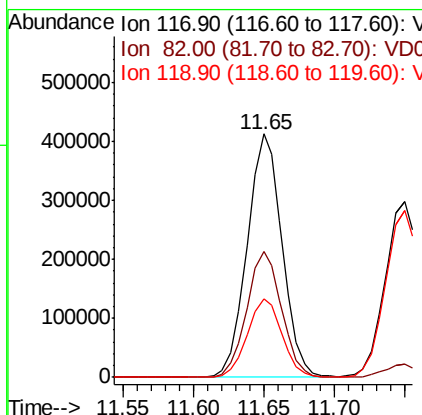
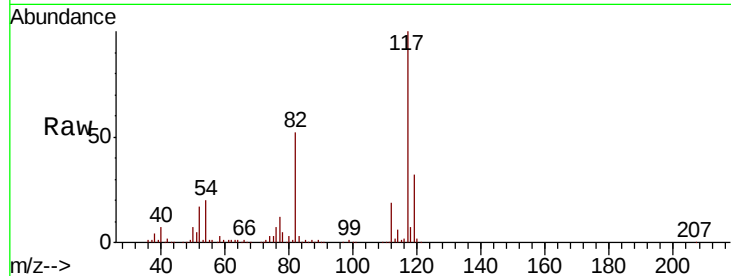
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065531.D
Acq: 26 Mar 2020 17:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
117	100	715467		
82	51.8		41.0	61.6
119	32.5		25.5	38.3

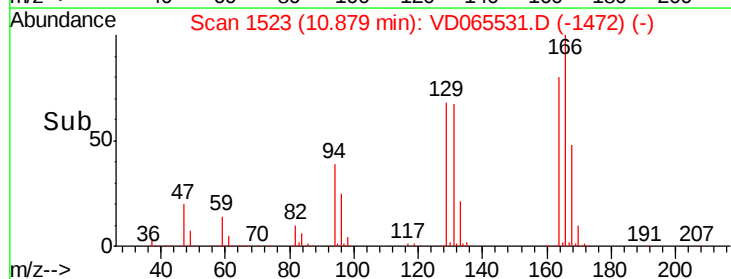
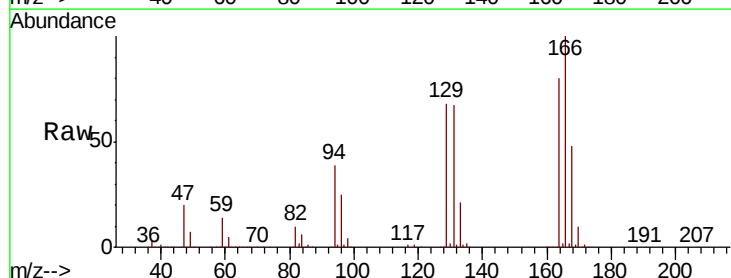
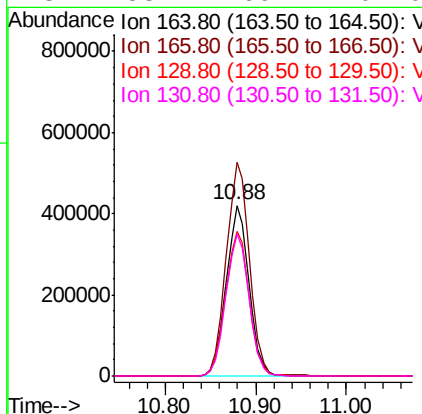
Manual Integrations
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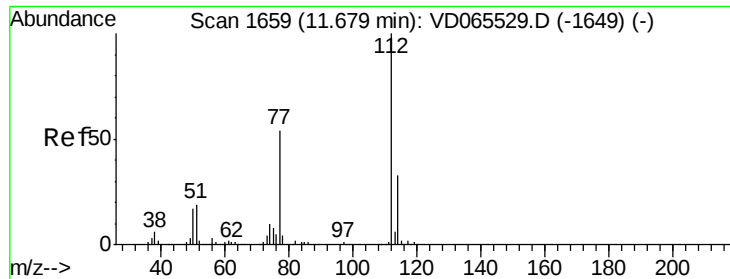
apatel
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#64
Tetrachloroethene
Concen: 143.155 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065531.D
Acq: 26 Mar 2020 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	729418		
166	125.1		107.1	160.7
129	84.9		69.2	103.8
131	83.2		69.4	104.0





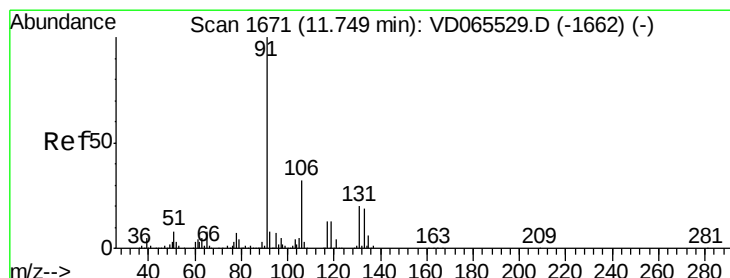
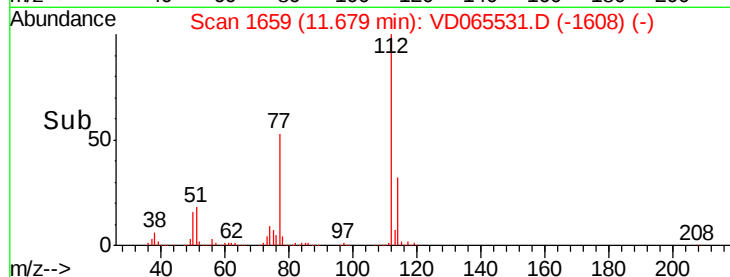
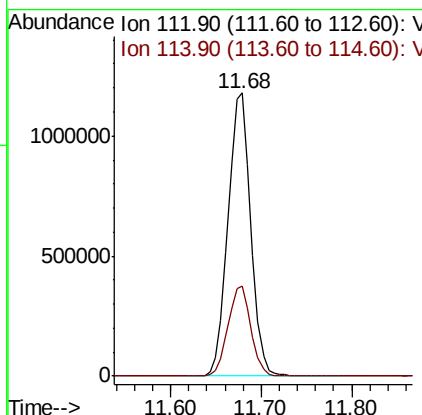
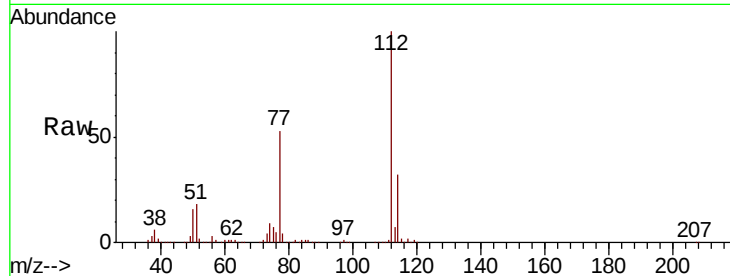
#65
Chlorobenzene
Concen: 146.388 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VD065531.D
Acq: 26 Mar 2020 17:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion:112 Resp: 2057111
Ion Ratio Lower Upper
112 100
114 31.8 26.0 39.0

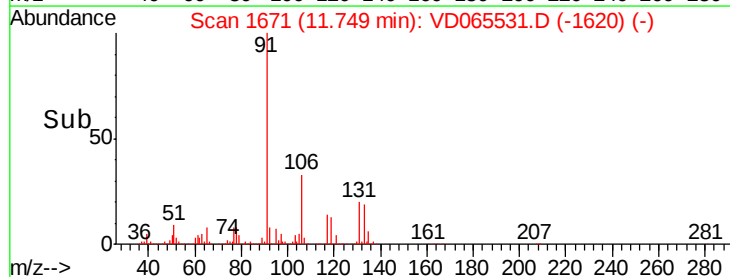
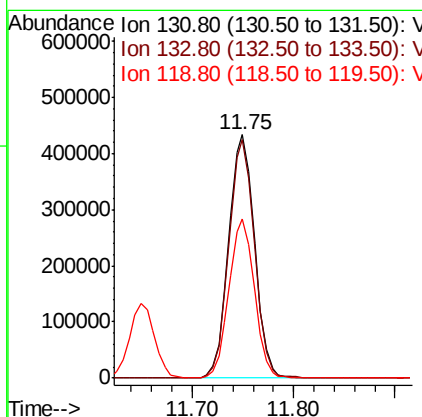
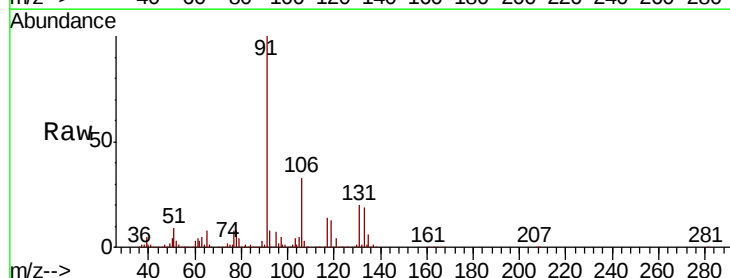
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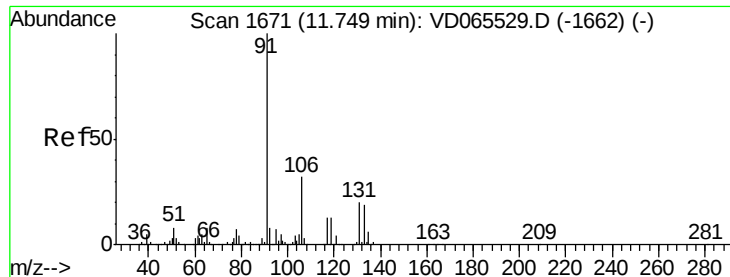
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#66
1,1,1,2-Tetrachloroethane
Concen: 149.560 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065531.D
Acq: 26 Mar 2020 17:57

Tgt Ion:131 Resp: 769781
Ion Ratio Lower Upper
131 100
133 96.5 48.9 146.7
119 64.5 32.5 97.4





#67

Ethyl Benzene

Concen: 150.070 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065531.D

Acq: 26 Mar 2020 17:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 3630620

Ion Ratio Lower Upper

91 100

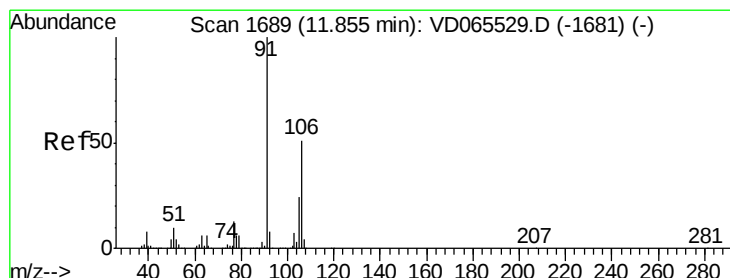
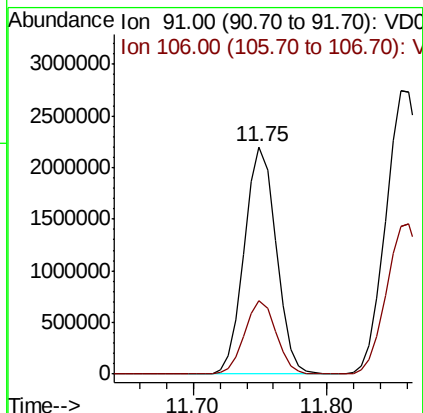
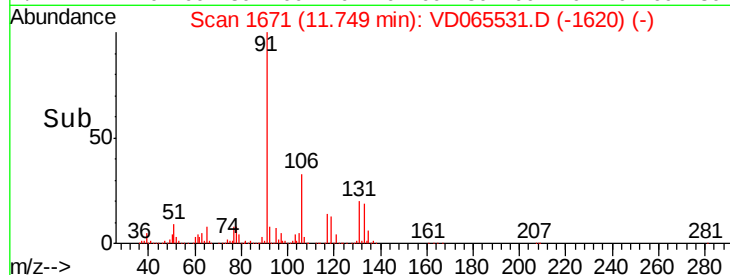
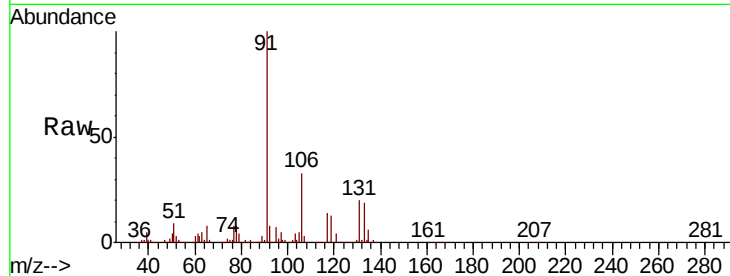
106 32.5 25.4 38.0

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#68

m/p-Xylenes

Concen: 304.868 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. 0.01 min

Lab File: VD065531.D

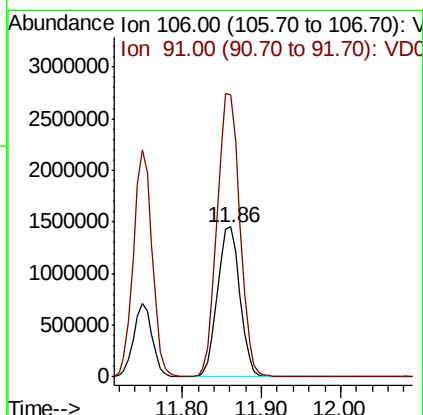
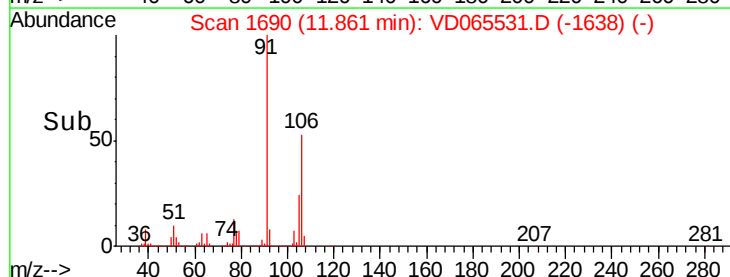
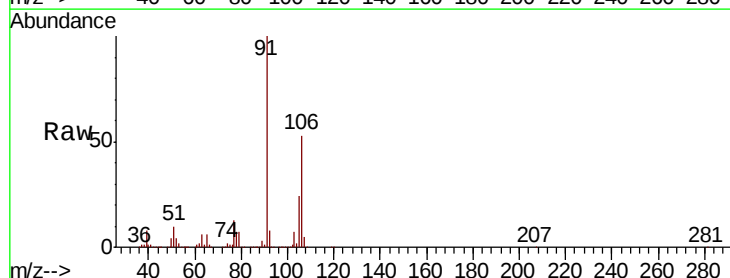
Acq: 26 Mar 2020 17:57

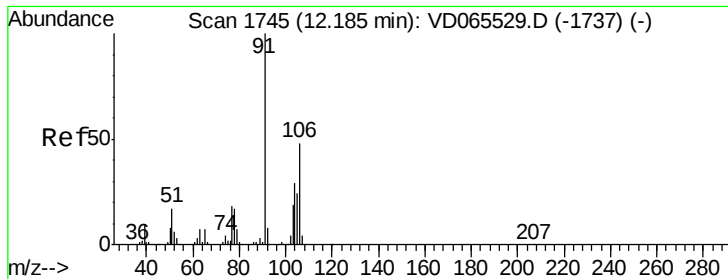
Tgt Ion: 106 Resp: 2846508

Ion Ratio Lower Upper

106 100

91 191.3 155.4 233.0





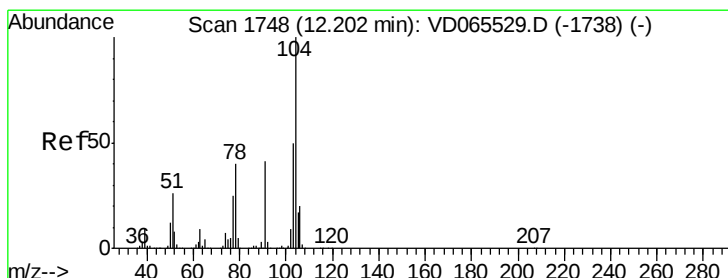
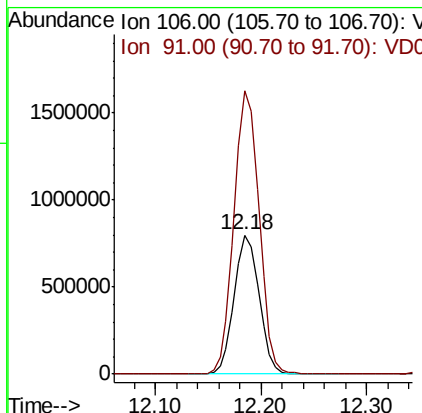
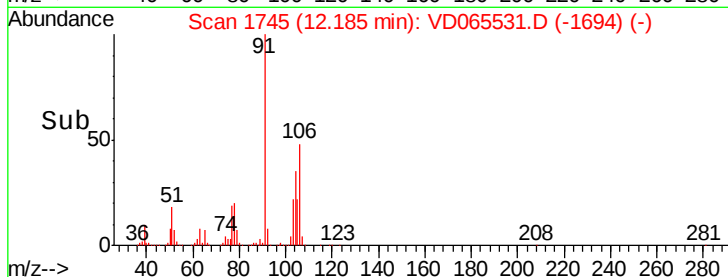
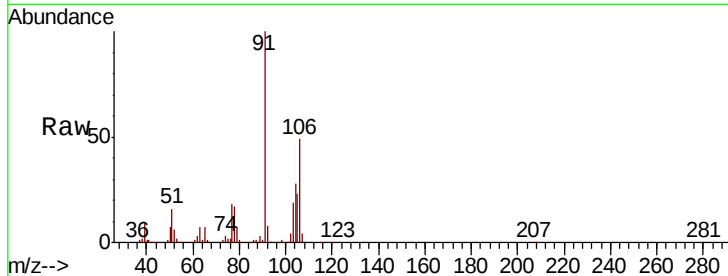
#69
o-Xylene
Concen: 158.150 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065531.D
Acq: 26 Mar 2020 17:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion:106 Resp: 1299567
Ion Ratio Lower Upper
106 100
91 205.5 102.8 308.4

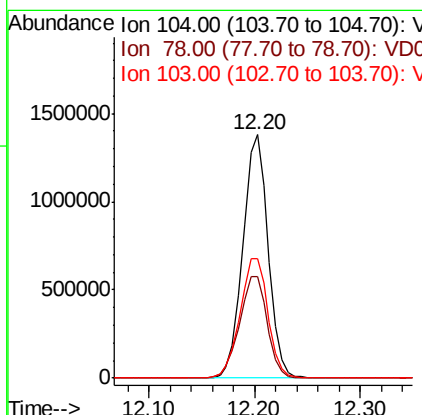
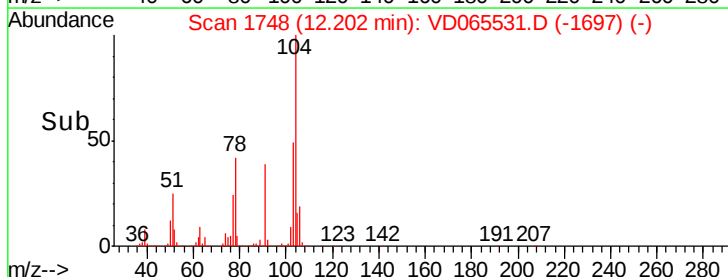
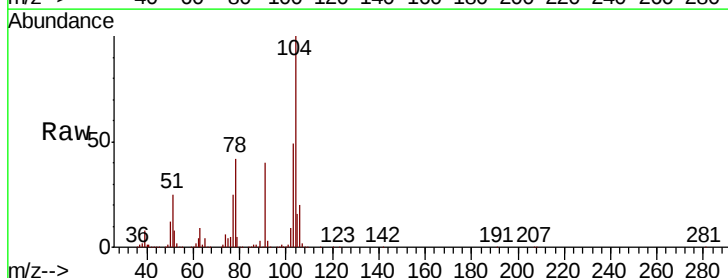
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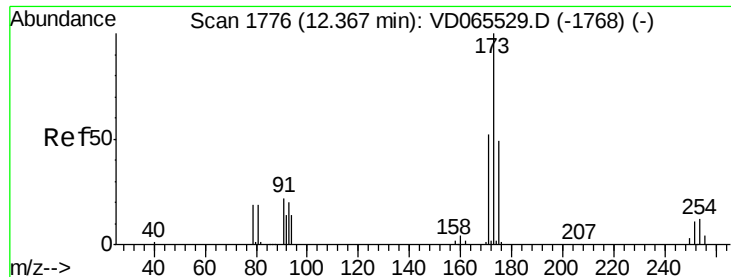
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#70
Styrene
Concen: 157.420 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD065531.D
Acq: 26 Mar 2020 17:57

Tgt Ion:104 Resp: 2284421
Ion Ratio Lower Upper
104 100
78 46.2 36.6 55.0
103 54.2 43.8 65.6





#71

Bromoform

Concen: 149.400 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD065531.D

Acq: 26 Mar 2020 17:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion:173 Resp: 432896

Ion Ratio Lower Upper

173 100

175 48.7 24.3 72.8

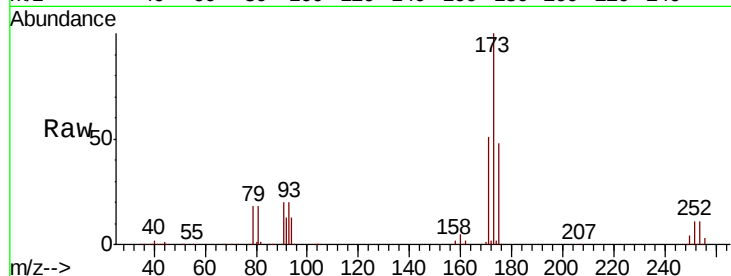
254 0.2 0.0 0.0#

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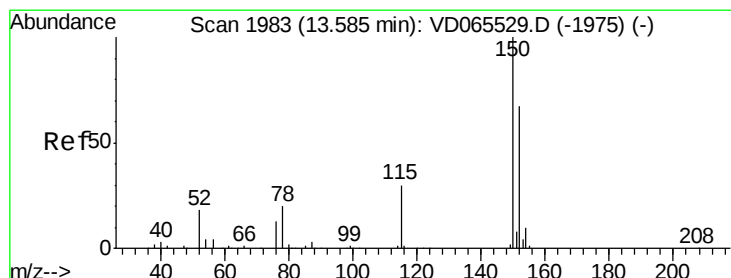
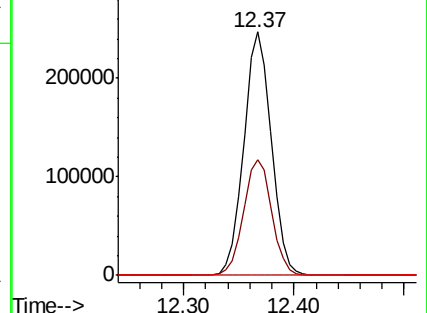
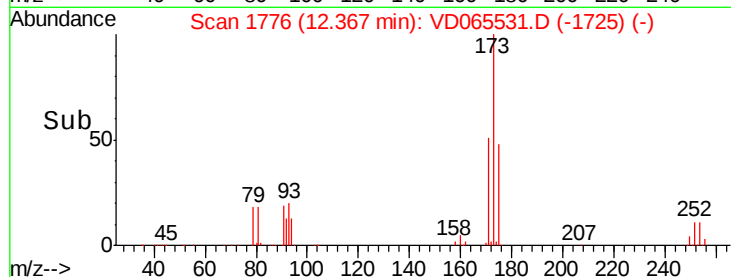
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD065531.D

Acq: 26 Mar 2020 17:57

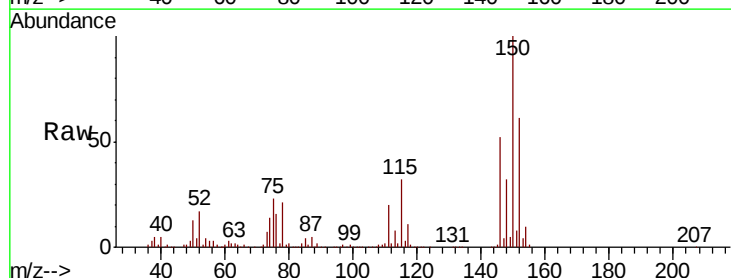
Tgt Ion:152 Resp: 353642

Ion Ratio Lower Upper

152 100

115 55.1 27.2 81.6

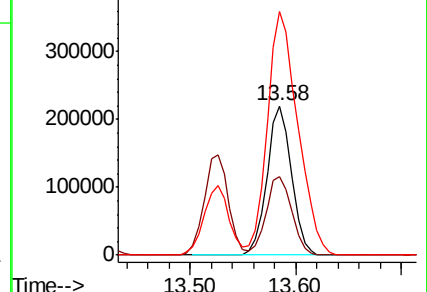
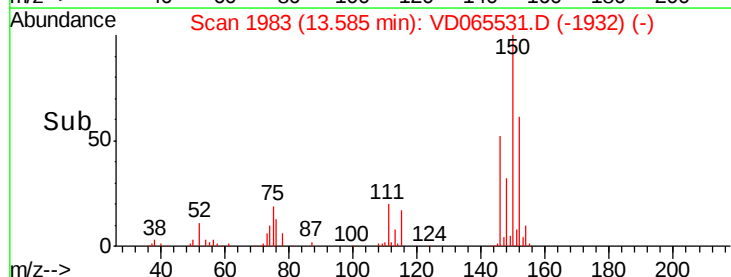
150 202.5 0.0 340.2

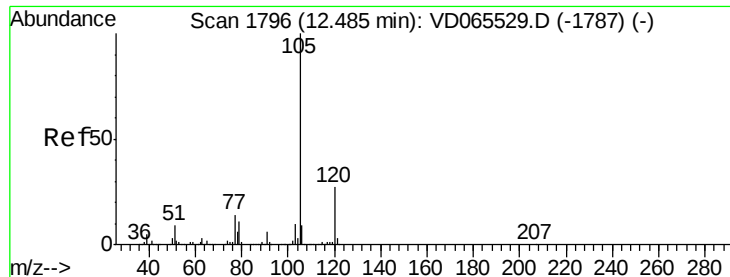


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 152.368 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065531.D

Acq: 26 Mar 2020 17:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 3472027

Ion Ratio Lower Upper

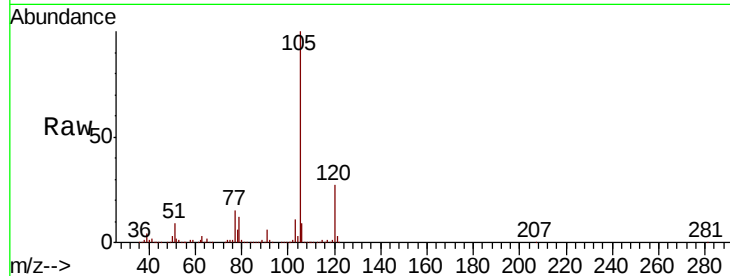
105 100

120 27.4 13.7 41.0

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

2500000

2000000

1500000

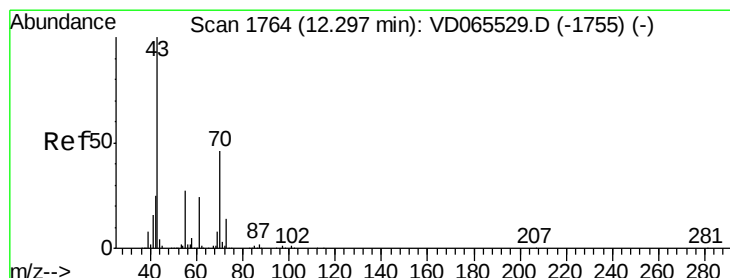
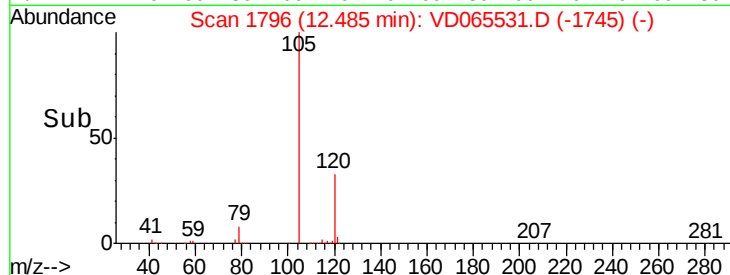
1000000

500000

0

12.40 12.50 12.60

Time-->



#74

N-ethyl acetate

Concen: 156.805 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VD065531.D

Acq: 26 Mar 2020 17:57

Tgt Ion: 43 Resp: 732365

Ion Ratio Lower Upper

43 100

70 45.1 36.2 54.2

55 25.6 22.2 33.4

61 25.2 19.5 29.3

Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

600000

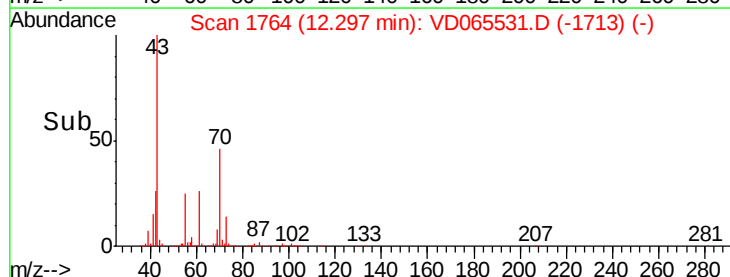
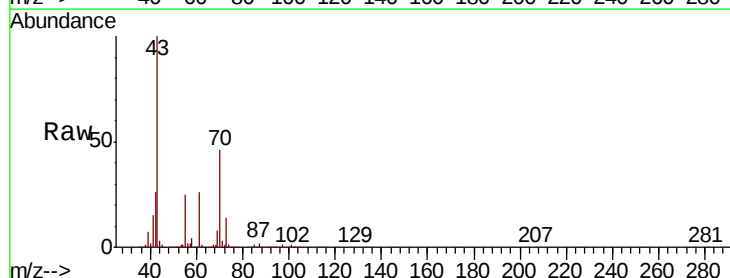
400000

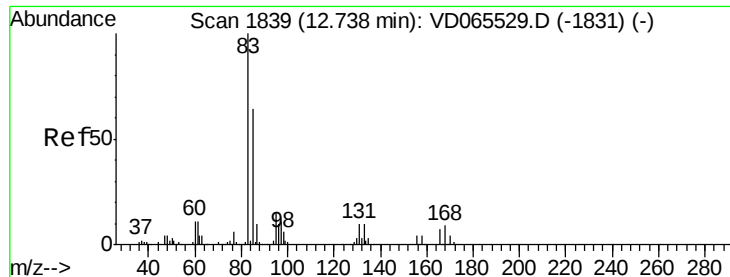
200000

0

12.20 12.30 12.40

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 140.133 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065531.D

Acq: 26 Mar 2020 17:57

Instrument :

MSVOA_D

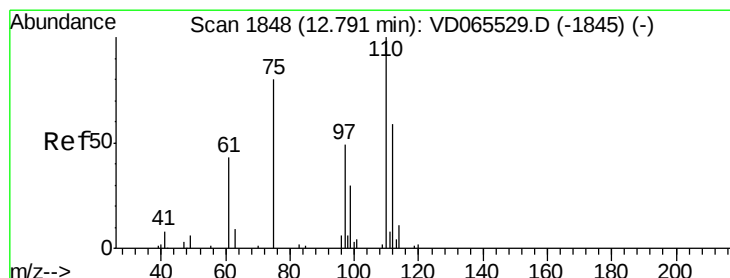
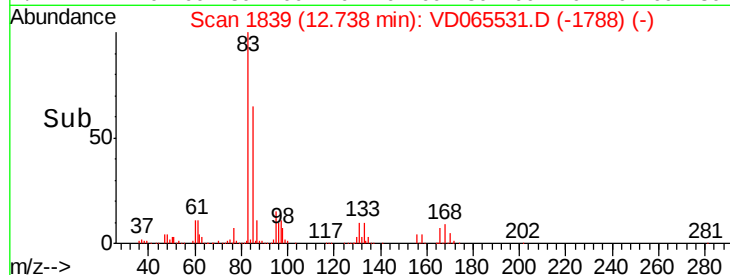
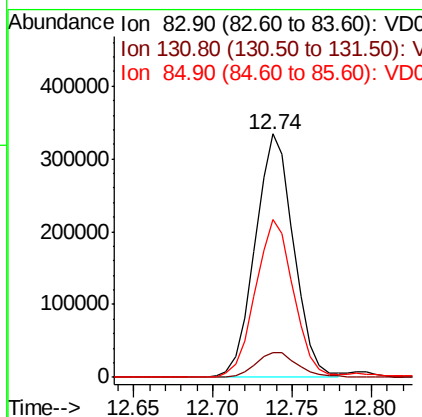
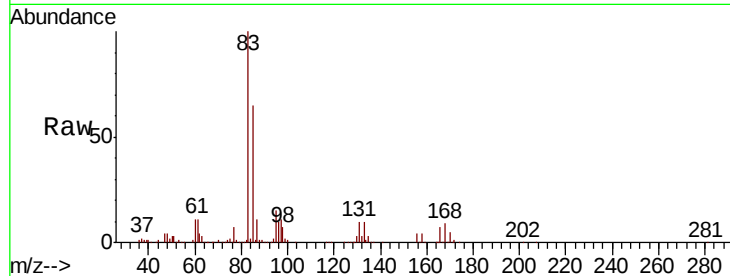
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	564166
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.6	16.8
85	64.2	32.6	98.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 132.038 ug/l m

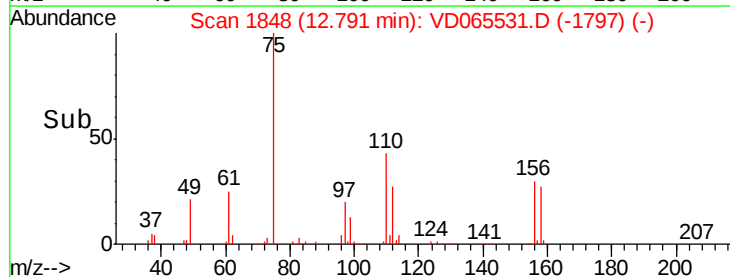
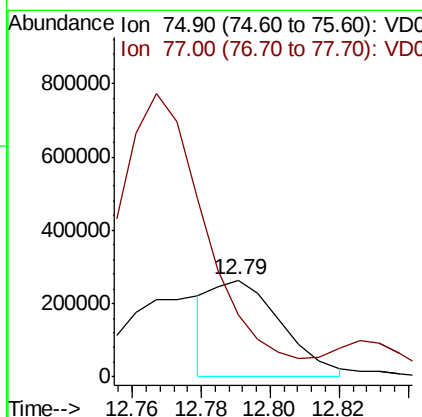
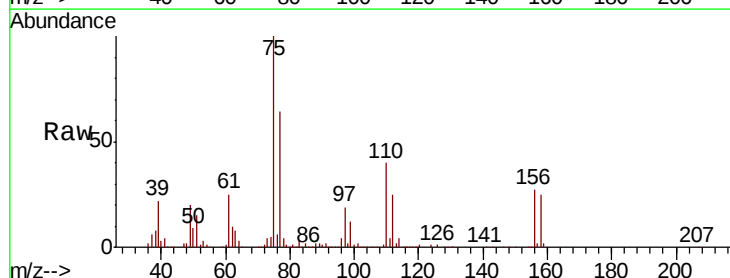
RT: 12.79 min Scan# 1848

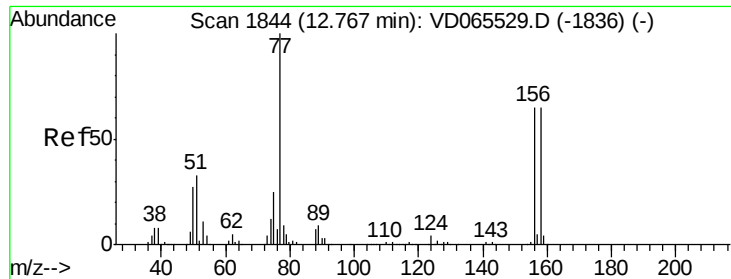
Delta R.T. -0.00 min

Lab File: VD065531.D

Acq: 26 Mar 2020 17:57

Tgt Ion:	75	Resp:	371265
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 151.689 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065531.D

Acq: 26 Mar 2020 17:57

Instrument :

MSVOA_D

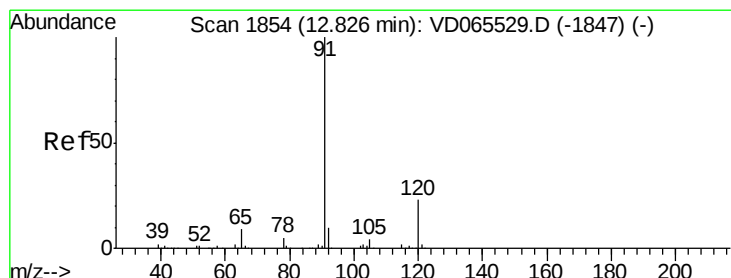
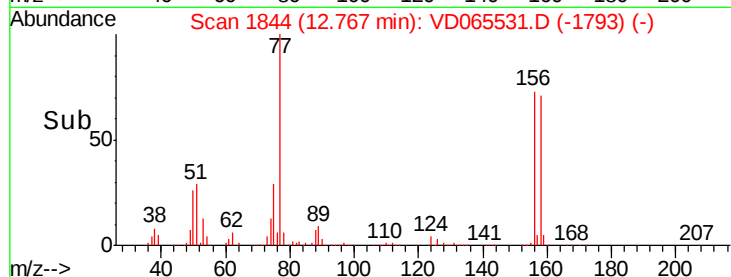
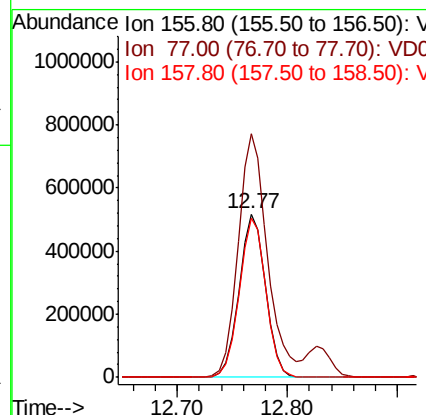
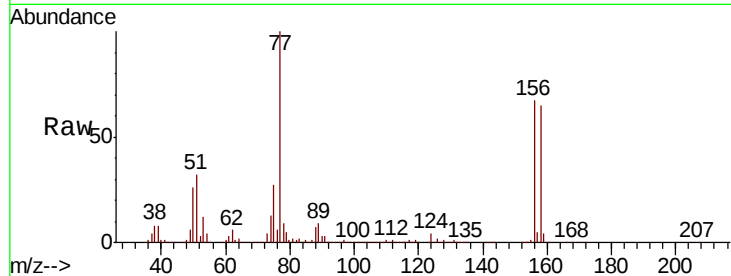
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Lower	Upper
156	100		
77	164.9	81.8	245.3
158	97.6	49.1	147.4

Manual Integrations
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#78

n-propylbenzene

Concen: 148.537 ug/l

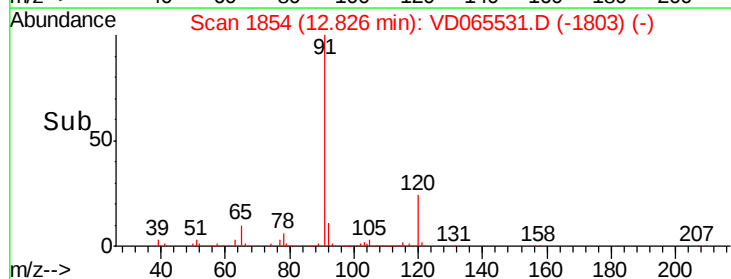
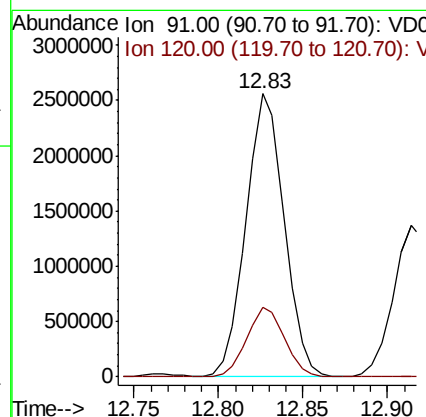
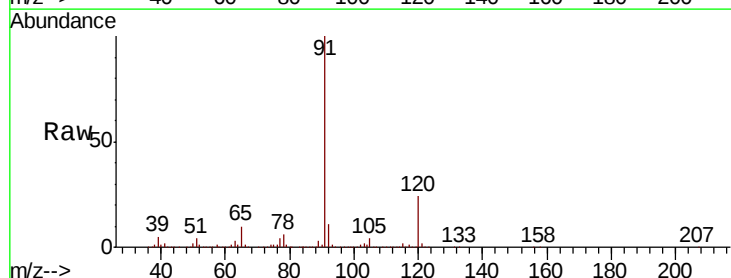
RT: 12.83 min Scan# 1854

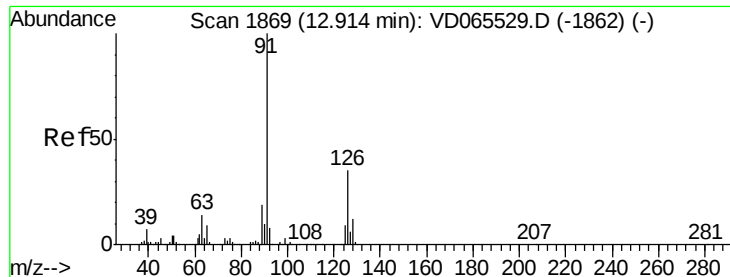
Delta R.T. -0.00 min

Lab File: VD065531.D

Acq: 26 Mar 2020 17:57

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.4	11.8	35.4





#79

2-Chlorotoluene

Concen: 148.369 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD065531.D

Acq: 26 Mar 2020 17:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 2273634

Ion Ratio Lower Upper

91 100

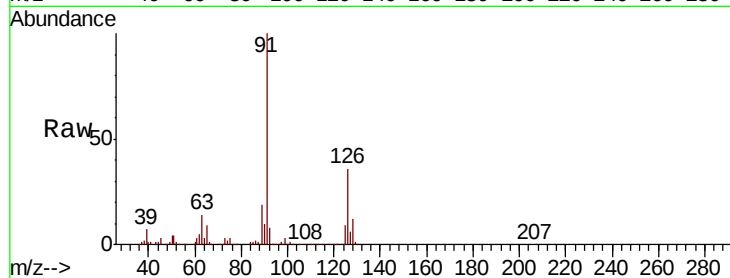
126 35.8 17.8 53.4

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Abundance Ion 91.00 (90.70 to 91.70): VD065531.D (-1818) (-)

Ion 125.90 (125.60 to 126.60): VD065531.D (-1818) (-)

2500000

2000000

1500000

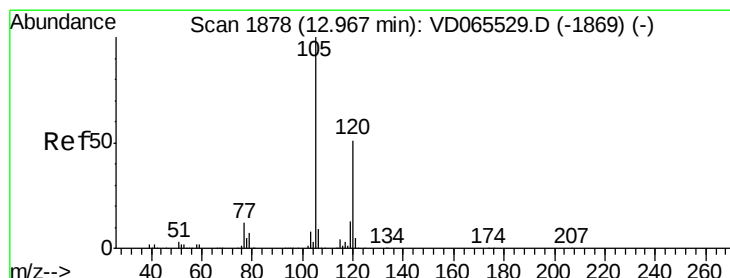
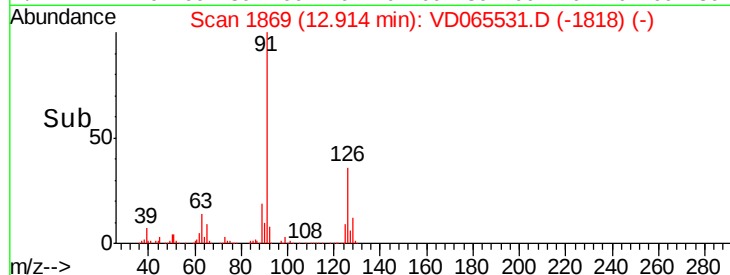
1000000

500000

0

12.85 12.90 12.95

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 152.065 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VD065531.D

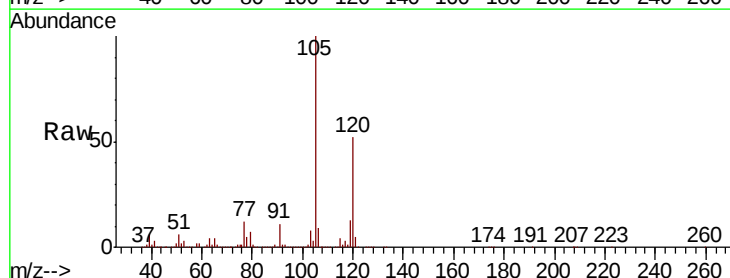
Acq: 26 Mar 2020 17:57

Tgt Ion:105 Resp: 2851109

Ion Ratio Lower Upper

105 100

120 51.7 25.6 76.6



Abundance Ion 105.00 (104.70 to 105.70): VD065531.D (-1827) (-)

Ion 120.00 (119.70 to 120.70): VD065531.D (-1827) (-)

2000000

1500000

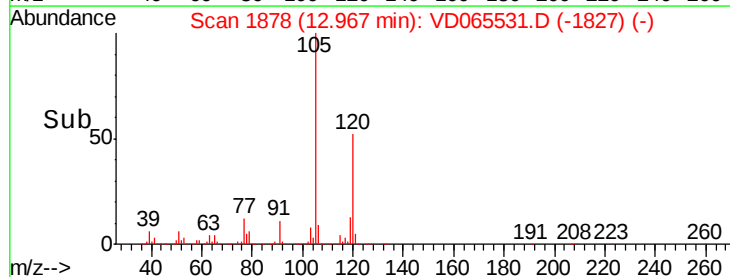
1000000

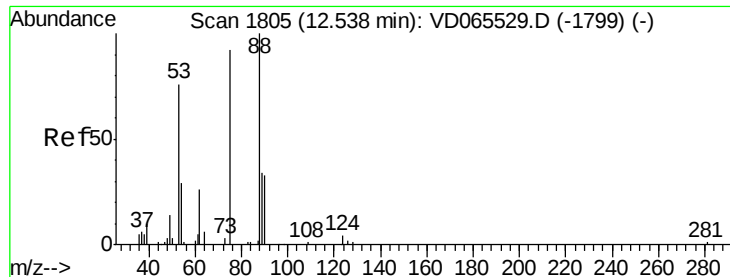
500000

0

12.90 12.95 13.00

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 155.697 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. -0.00 min

Lab File: VD065531.D

Acq: 26 Mar 2020 17:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 75 Resp: 203061

Ion Ratio Lower Upper

75 100

53 86.2 72.4 108.6

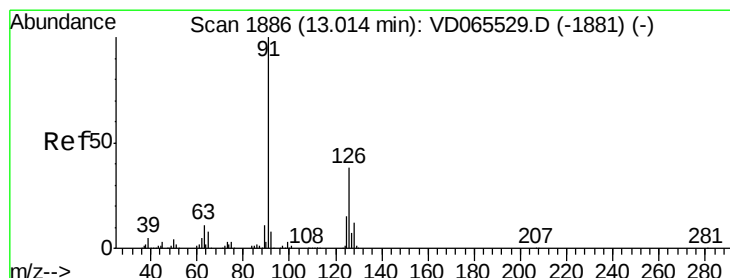
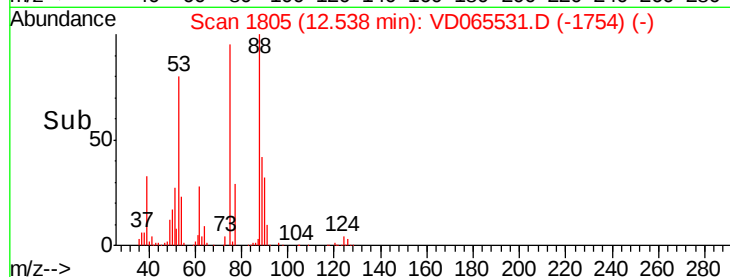
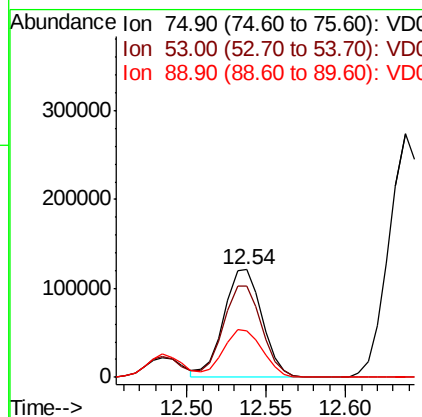
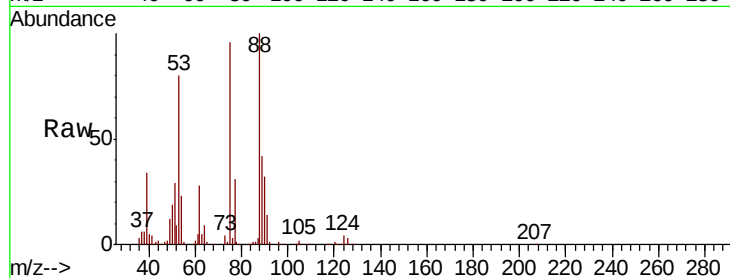
89 45.2 36.9 55.3

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#82

4-Chlorotoluene

Concen: 146.982 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VD065531.D

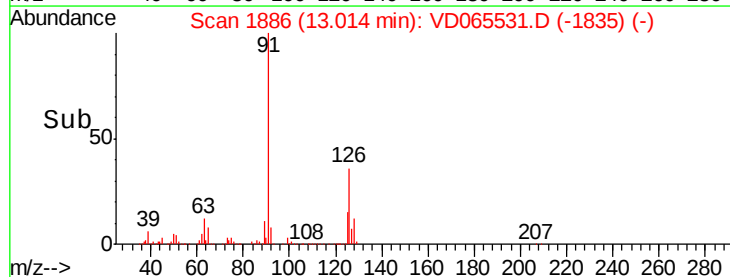
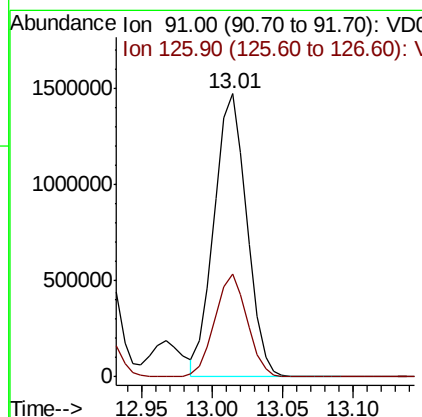
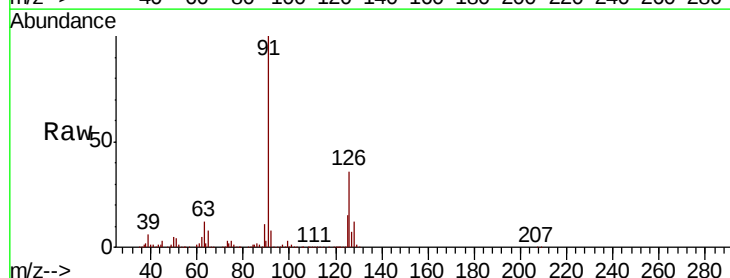
Acq: 26 Mar 2020 17:57

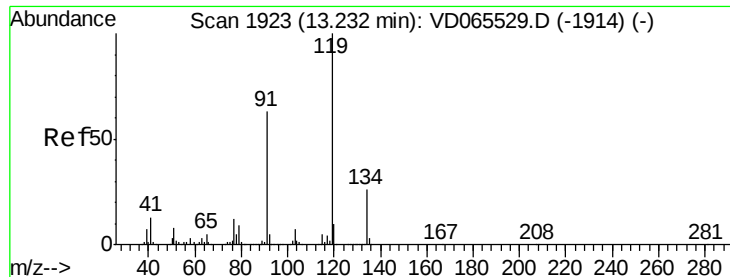
Tgt Ion: 91 Resp: 2364792

Ion Ratio Lower Upper

91 100

126 36.1 17.9 53.7





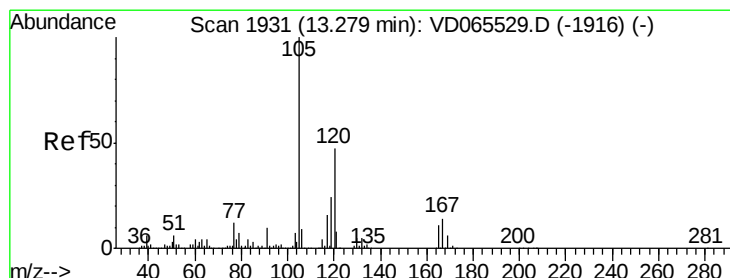
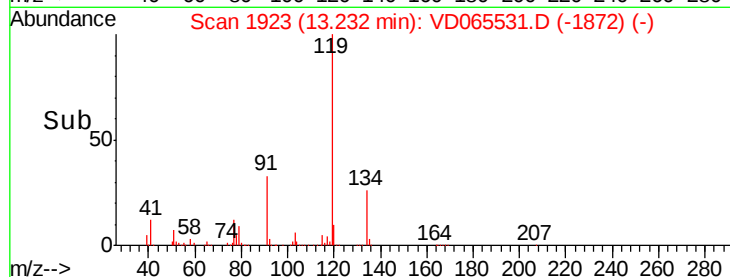
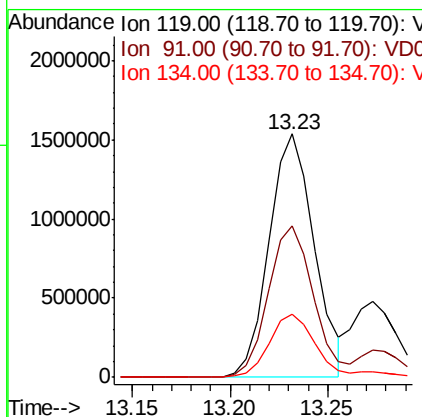
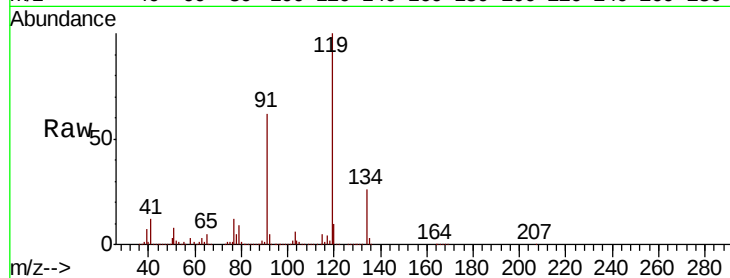
#83
tert-Butylbenzene
Concen: 155.155 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VD065531.D
Acq: 26 Mar 2020 17:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.4	31.4	94.0
134	27.8	13.9	41.6

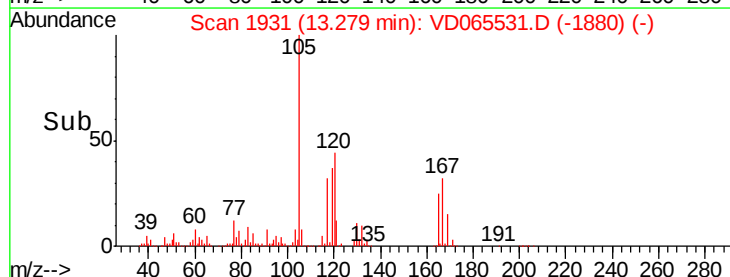
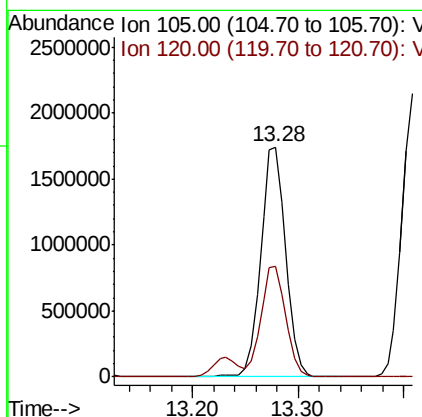
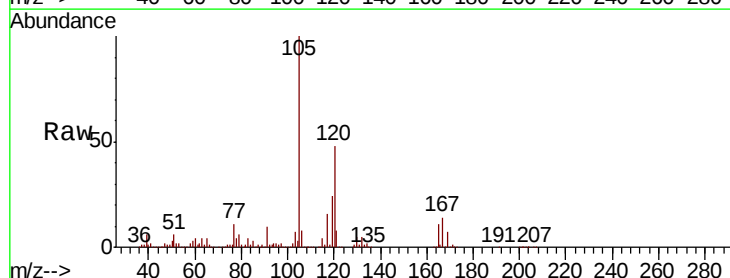
Manual Integrations
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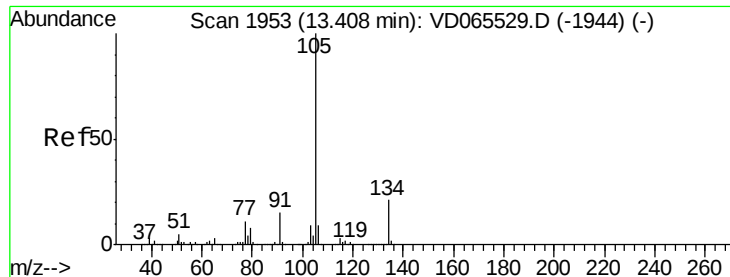
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#84
1,2,4-Trimethylbenzene
Concen: 154.538 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. -0.00 min
Lab File: VD065531.D
Acq: 26 Mar 2020 17:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.4	23.5	70.5





#85

sec-Butylbenzene

Concen: 150.171 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD065531.D

Acq: 26 Mar 2020 17:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 3393999

Ion Ratio Lower Upper

105 100

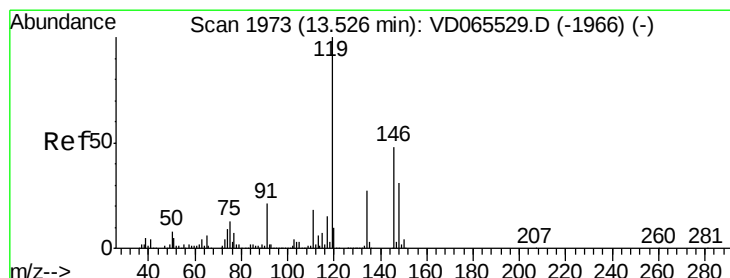
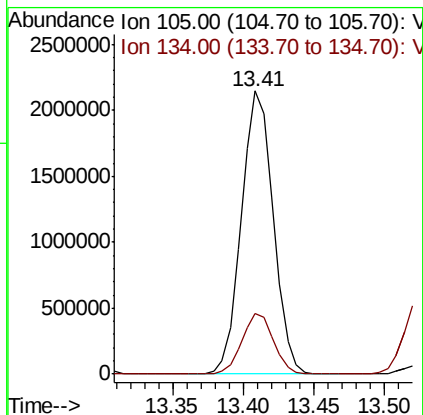
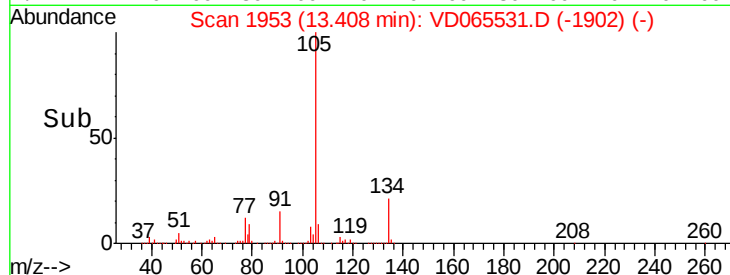
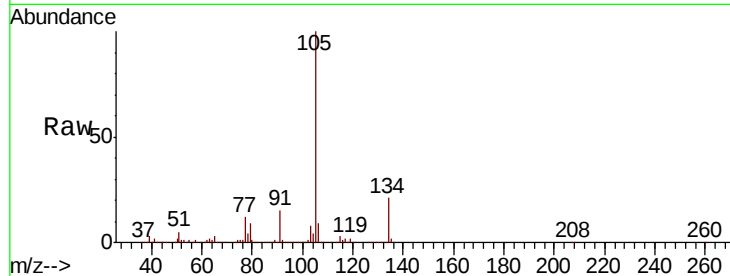
134 21.2 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 155.579 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD065531.D

Acq: 26 Mar 2020 17:57

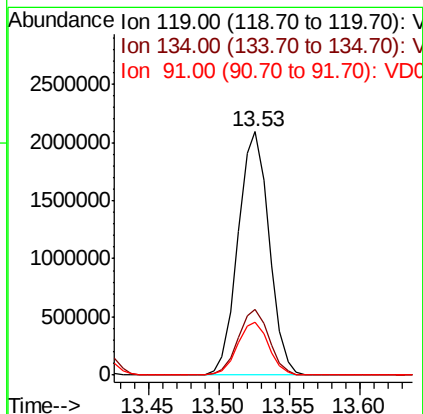
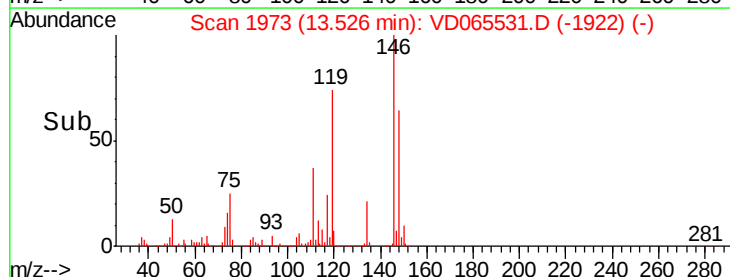
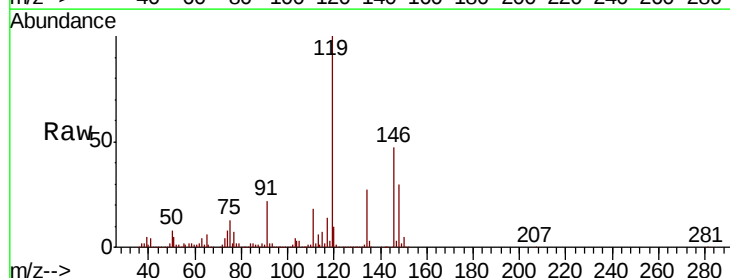
Tgt Ion:119 Resp: 3212391

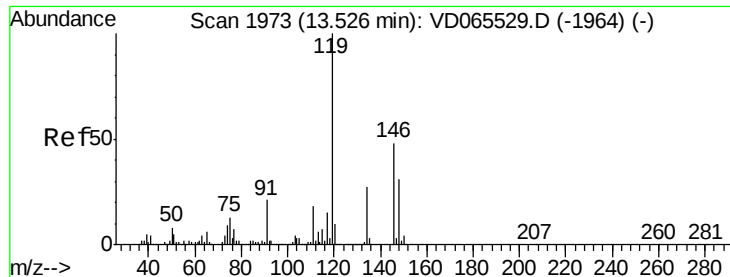
Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.5

91 21.8 10.8 32.3





#87

1,3-Dichlorobenzene

Concen: 147.739 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD065531.D

Acq: 26 Mar 2020 17:57

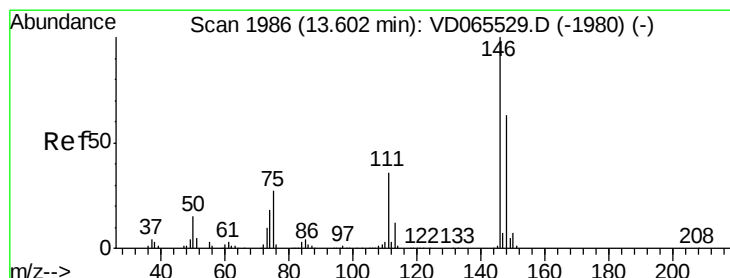
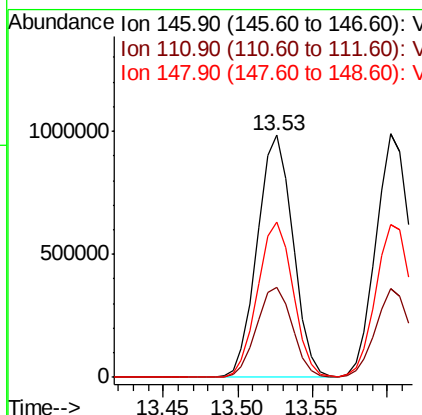
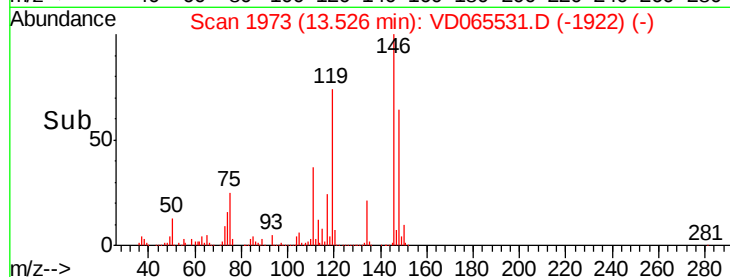
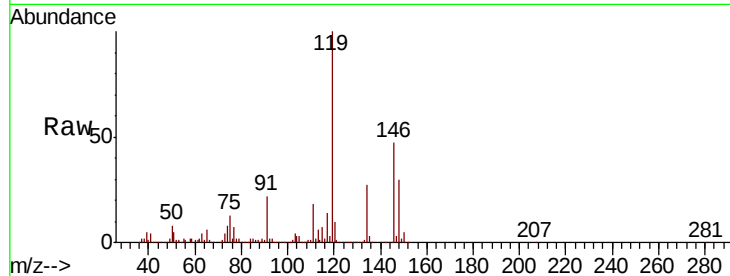
Instrument :
MSVOA_D

ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.5	55.5
148	63.9	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 145.617 ug/l

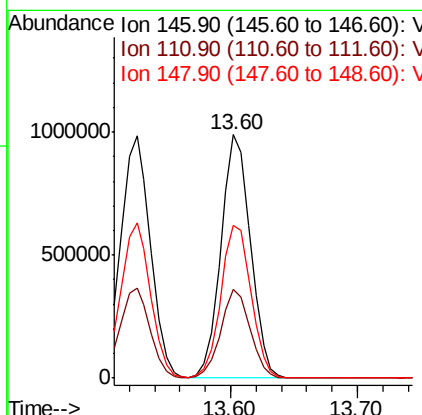
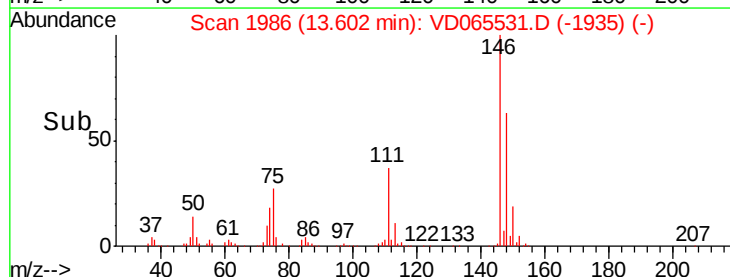
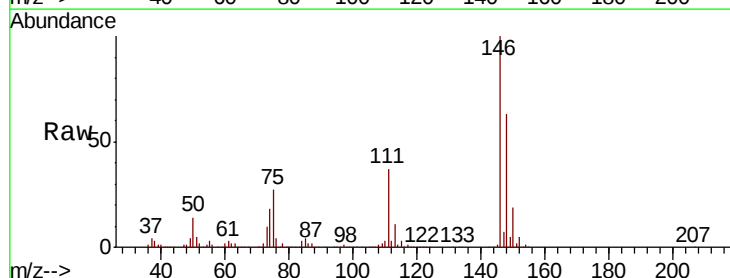
RT: 13.60 min Scan# 1986

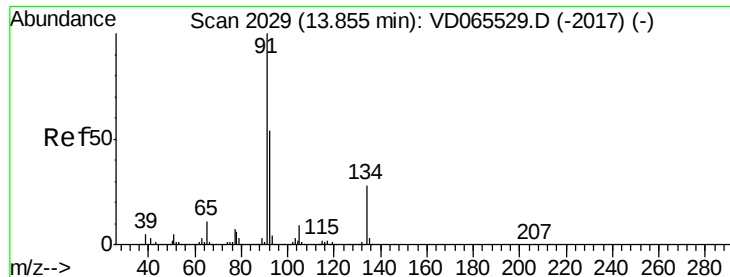
Delta R.T. -0.00 min

Lab File: VD065531.D

Acq: 26 Mar 2020 17:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.0	54.0
148	64.2	31.6	94.8





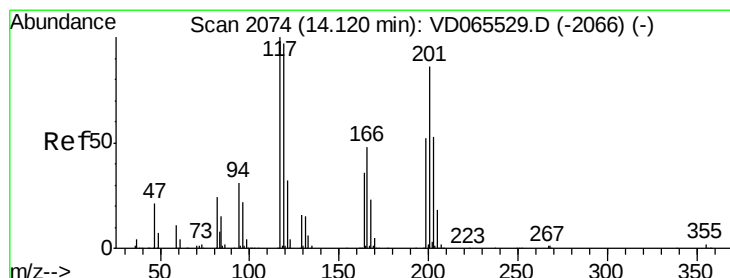
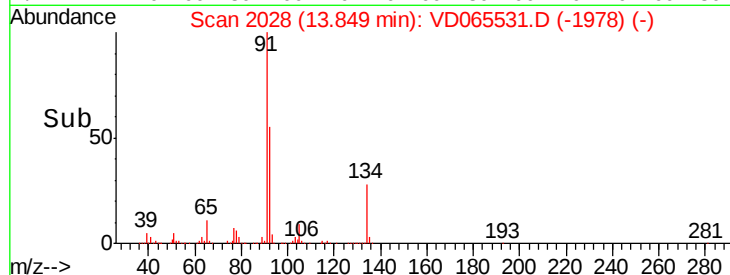
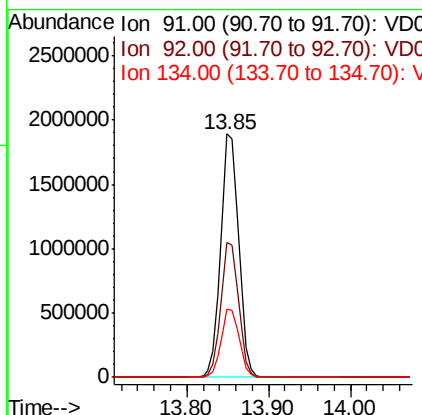
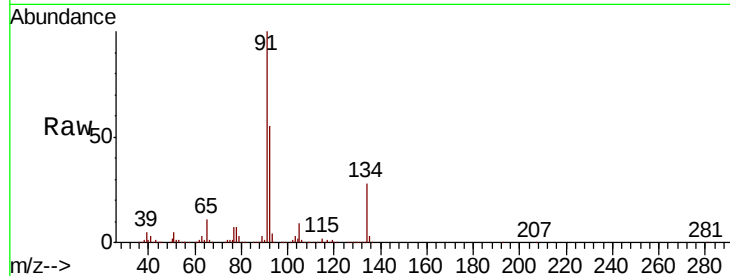
#89
n-Butylbenzene
Concen: 153.075 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.01 min
Lab File: VD065531.D
Acq: 26 Mar 2020 17:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 2909633
Ion Ratio Lower Upper
91 100
92 54.9 26.8 80.4
134 28.0 13.7 41.0

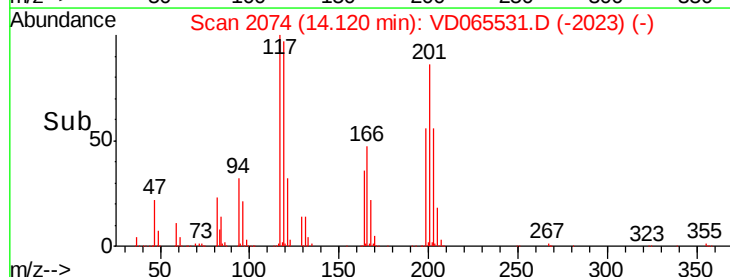
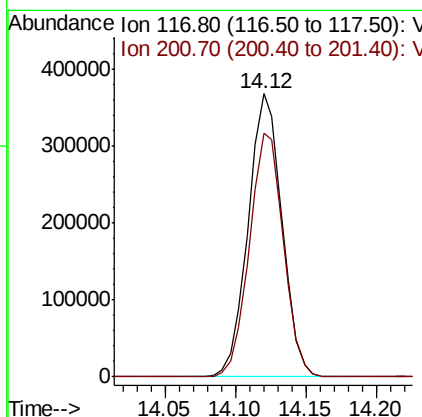
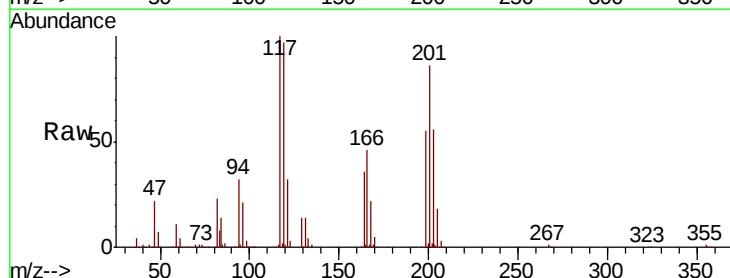
Manual Integrations
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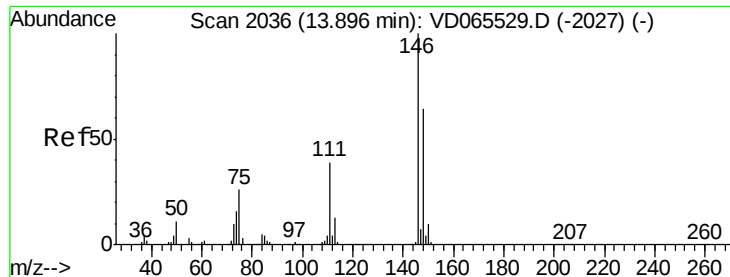
apatel
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#90
Hexachloroethane
Concen: 145.506 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD065531.D
Acq: 26 Mar 2020 17:57

Tgt Ion: 117 Resp: 619218
Ion Ratio Lower Upper
117 100
201 86.8 43.9 131.6





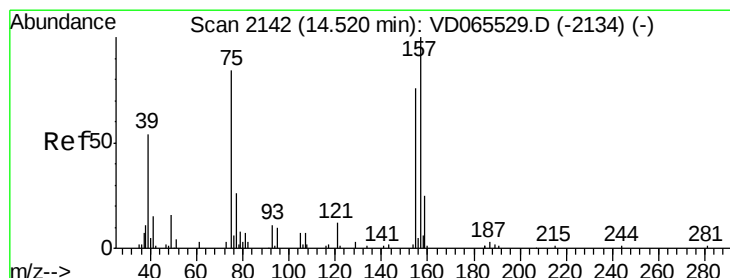
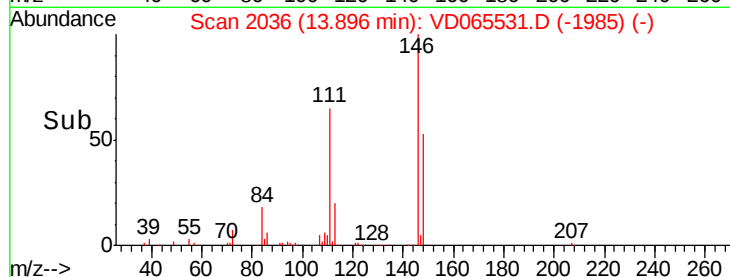
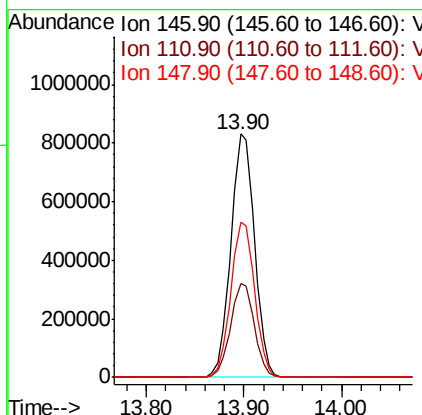
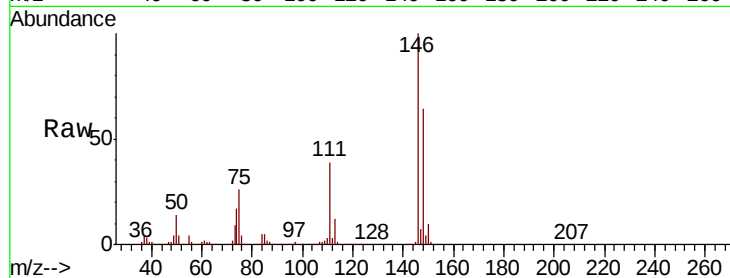
#91
 1,2-Dichlorobenzene
 Concen: 149.493 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD065531.D
 Acq: 26 Mar 2020 17:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.4	58.4
148	64.0	32.1	96.5

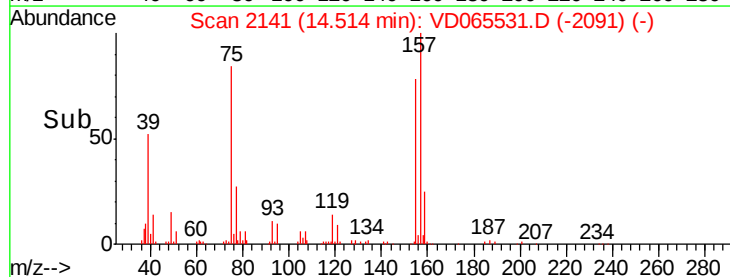
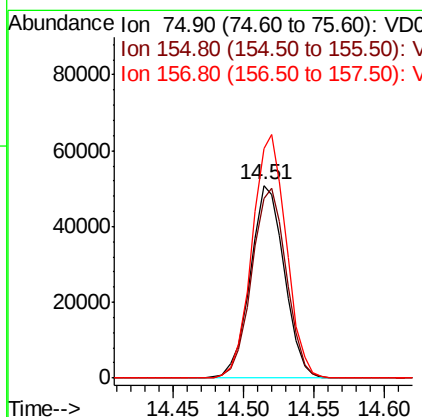
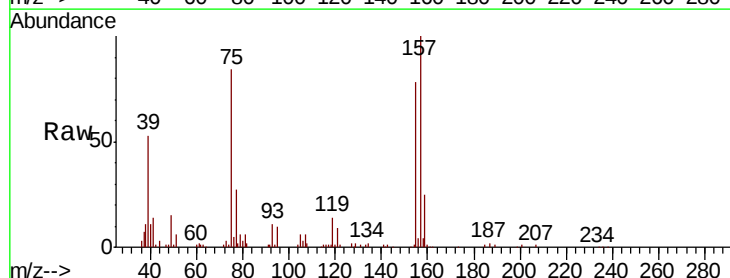
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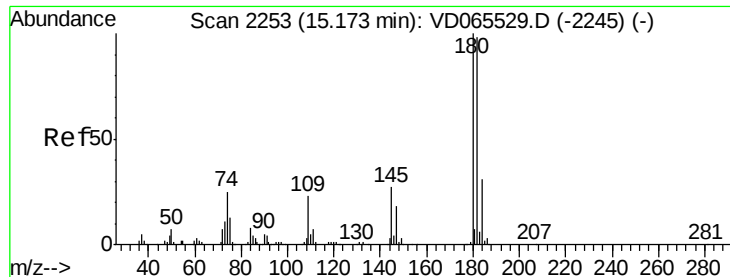
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 140.055 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: VD065531.D
 Acq: 26 Mar 2020 17:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.1	46.2	138.6
157	126.4	57.9	173.7





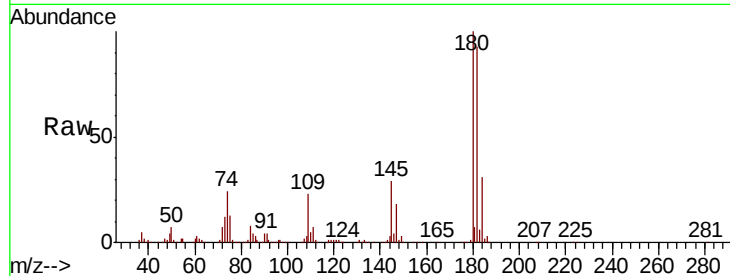
#93
 1,2,4-Trichlorobenzene
 Concen: 166.281 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VD065531.D
 Acq: 26 Mar 2020 17:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.1	144.3
145	28.6	13.9	41.6

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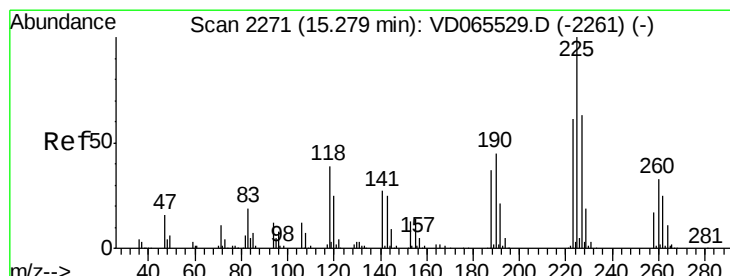
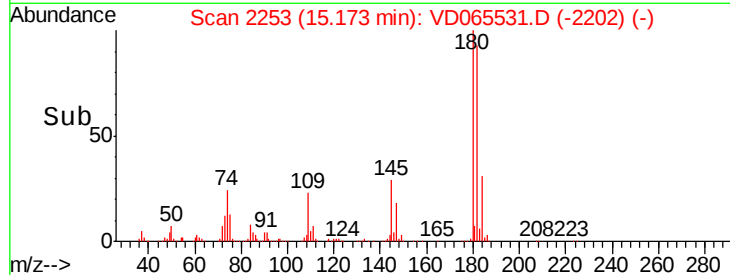
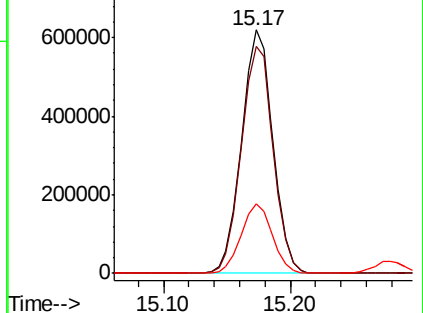


Abundance

Ion 179.80 (179.50 to 180.50): V

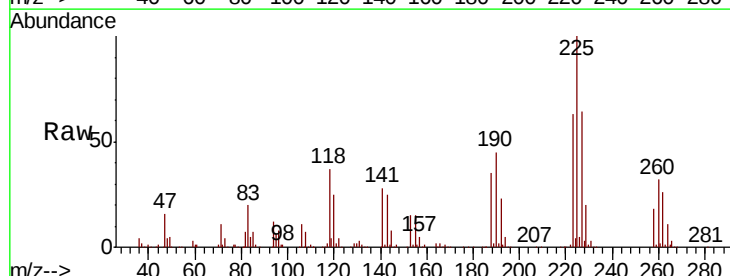
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 153.962 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VD065531.D
 Acq: 26 Mar 2020 17:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.2	93.6
227	64.4	32.3	96.9

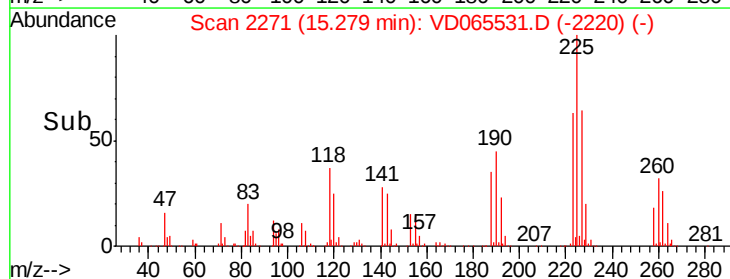
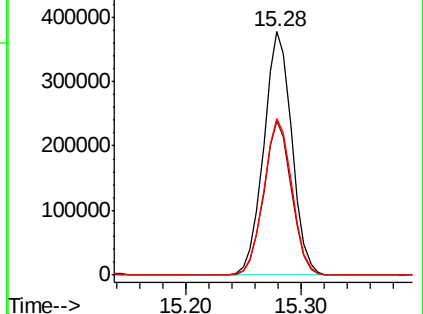


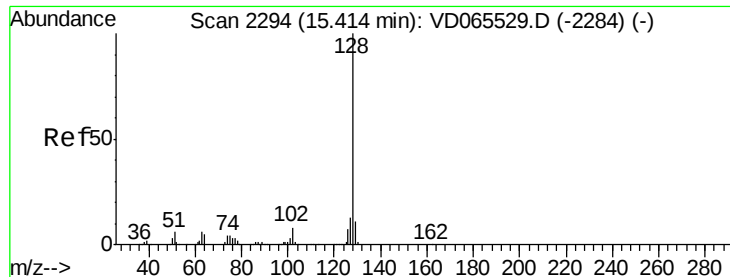
Abundance

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





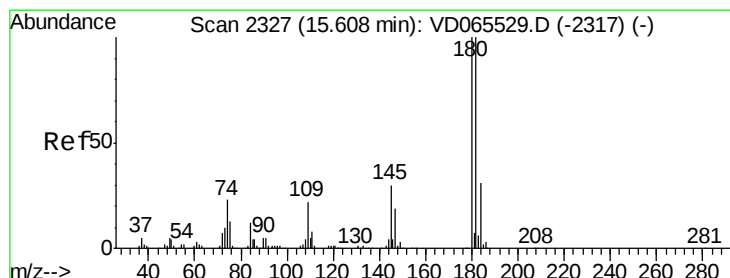
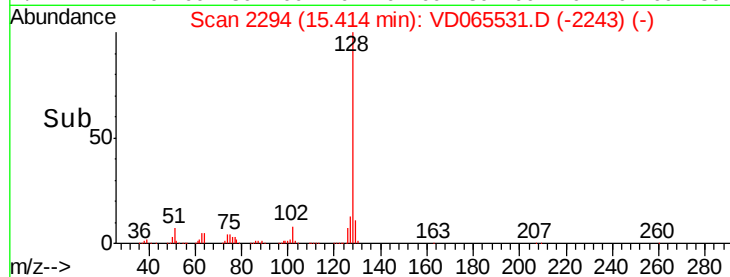
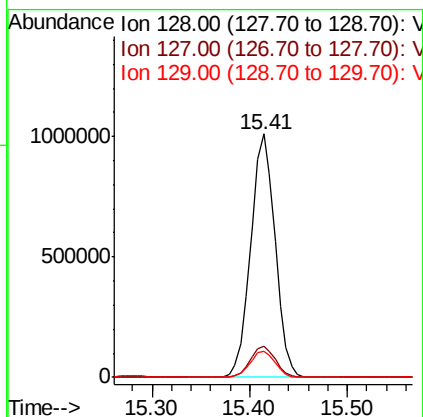
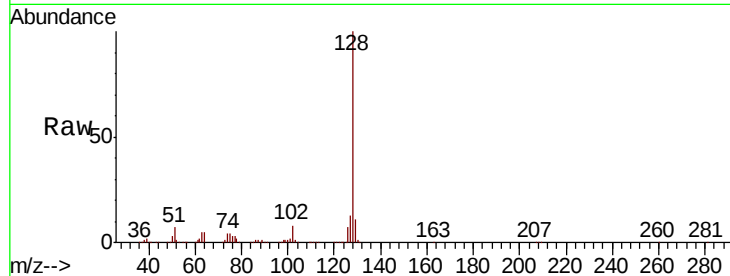
#95
Naphthalene
Concen: 173.501 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VD065531.D
Acq: 26 Mar 2020 17:57

Instrument :
MSVOA_D
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.0	8.7	13.1

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#96
1,2,3-Trichlorobenzene
Concen: 166.105 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. -0.00 min
Lab File: VD065531.D
Acq: 26 Mar 2020 17:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.1	144.3
145	30.2	15.0	45.0

