

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032620\
 Data File : VD065526.D
 Acq On : 26 Mar 2020 15:39
 Operator : VA/SY
 Sample : VSTDIC005
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

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

Quant Time: Mar 27 01:41:42 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	488421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	744664	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	676280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	337339	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	22976	5.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.04%	
35) Dibromofluoromethane	7.91	113	25445	5.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.12%	
50) Toluene-d8	10.34	98	86613	4.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.88%	
62) 4-Bromofluorobenzene	12.64	95	26424	4.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	23277	5.859	ug/l	95
3) Chloromethane	2.21	50	28408	5.787	ug/l	98
4) Vinyl Chloride	2.35	62	27601	5.681	ug/l	94
5) Bromomethane	2.77	94	20430	6.444	ug/l	88
6) Chloroethane	2.93	64	17671	5.885	ug/l	97
7) Trichlorofluoromethane	3.27	101	40140	5.568	ug/l	96
8) Diethyl Ether	3.70	74	12182	5.611	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.08	101	26707	5.712	ug/l	97
10) Methyl Iodide	4.29	142	24873	5.062	ug/l	96
11) Tert butyl alcohol	5.25	59	5499	23.038	ug/l #	73
12) 1,1-Dichloroethene	4.06	96	24313	5.447	ug/l	97
13) Acrolein	3.93	56	9749	23.300	ug/l	92
14) Allyl chloride	4.71	41	34697	5.076	ug/l	99
15) Acrylonitrile	5.44	53	22743	24.223	ug/l	99
16) Acetone	4.17	43	23420	28.011	ug/l	93
17) Carbon Disulfide	4.40	76	80542	5.439	ug/l	100
18) Methyl Acetate	4.73	43	11623	5.463	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	41532	4.801	ug/l	97
20) Methylene Chloride	4.96	84	46899	8.998	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	27288	5.484	ug/l	97
22) Diisopropyl ether	6.37	45	59333	4.630	ug/l #	88
23) Vinyl Acetate	6.31	43	149389	21.030	ug/l	97
24) 1,1-Dichloroethane	6.27	63	43214	5.278	ug/l	99
25) 2-Butanone	7.22	43	26859	23.543	ug/l	99
26) 2,2-Dichloropropane	7.21	77	39840	5.536	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	26907	5.281	ug/l	100
28) Bromochloromethane	7.55	49	17301	5.225	ug/l	99
29) Tetrahydrofuran	7.57	42	15752	21.626	ug/l	96
30) Chloroform	7.71	83	46043	5.602	ug/l	97
31) Cyclohexane	7.98	56	45641	5.597	ug/l #	78
32) 1,1,1-Trichloroethane	7.91	97	42324	5.581	ug/l	99
36) 1,1-Dichloropropene	8.11	75	35857	5.099	ug/l	99
37) Ethyl Acetate	7.30	43	12039	4.402	ug/l #	90
38) Carbon Tetrachloride	8.10	117	39775	5.436	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.36	83	37780	4.468	ug/l	89
40) Benzene	8.36	78	101191	5.136	ug/l	93
41) Methacrylonitrile	7.54	41	7408	5.001	ug/l #	89
42) 1,2-Dichloroethane	8.43	62	27040	5.222	ug/l	99
43) Isopropyl Acetate	8.46	43	22044	4.378	ug/l	94
44) Trichloroethene	9.11	130	30658	5.496	ug/l	96
45) 1,2-Dichloropropane	9.39	63	23817	4.981	ug/l #	88
46) Dibromomethane	9.48	93	12441	5.009	ug/l	98
47) Bromodichloromethane	9.66	83	34168	5.286	ug/l	96
48) Methyl methacrylate	9.46	41	9829	4.134	ug/l	97
49) 1,4-Dioxane	9.47	88	2107	73.678	ug/l #	79
51) 4-Methyl-2-Pentanone	10.23	43	50675	19.932	ug/l	97
52) Toluene	10.41	92	60340	4.853	ug/l	97
53) t-1,3-Dichloropropene	10.63	75	28261	4.674	ug/l	95
54) cis-1,3-Dichloropropene	10.09	75	34873	4.769	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	18093	5.115	ug/l	98
56) Ethyl methacrylate	10.66	69	14929	3.748	ug/l	94
57) 1,3-Dichloropropane	10.95	76	29686	4.965	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	42435	29.153	ug/l	95
59) 2-Hexanone	10.99	43	33609	19.151	ug/l	94
60) Dibromochloromethane	11.14	129	24217	5.330	ug/l	94
61) 1,2-Dibromoethane	11.25	107	17570	5.188	ug/l	96
64) Tetrachloroethene	10.88	164	26004	5.399	ug/l	92
65) Chlorobenzene	11.67	112	68622	5.166	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	25914	5.327	ug/l	99
67) Ethyl Benzene	11.75	91	106554	4.660	ug/l	98
68) m/p-Xylenes	11.86	106	81407	9.224	ug/l	98
69) o-Xylene	12.19	106	33438	4.305	ug/l	96
70) Styrene	12.20	104	58513	4.266	ug/l	97
71) Bromoform	12.37	173	13532	4.941	ug/l #	100
73) Isopropylbenzene	12.48	105	93443	4.299	ug/l	99
74) N-amyl acetate	12.29	43	17525	3.934	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.74	83	18295	4.764	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	14423m	5.377	ug/l	
77) Bromobenzene	12.77	156	27306	5.005	ug/l	98
78) n-propylbenzene	12.83	91	114756	4.434	ug/l	99
79) 2-Chlorotoluene	12.91	91	68104	4.659	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	76398	4.272	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	5288	4.251	ug/l	94
82) 4-Chlorotoluene	13.01	91	73153	4.767	ug/l	98
83) tert-Butylbenzene	13.23	119	64446	4.250	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	76146	4.308	ug/l	98
85) sec-Butylbenzene	13.41	105	95571	4.433	ug/l	99
86) p-Isopropyltoluene	13.53	119	82376	4.182	ug/l	98
87) 1,3-Dichlorobenzene	13.53	146	54101	5.156	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	56814	5.439	ug/l	94
89) n-Butylbenzene	13.86	91	81636	4.502	ug/l	97
90) Hexachloroethane	14.12	117	21302	5.248	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	46166	5.170	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	2668	4.546	ug/l	96

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ClientSampleId :
VSTDICC005

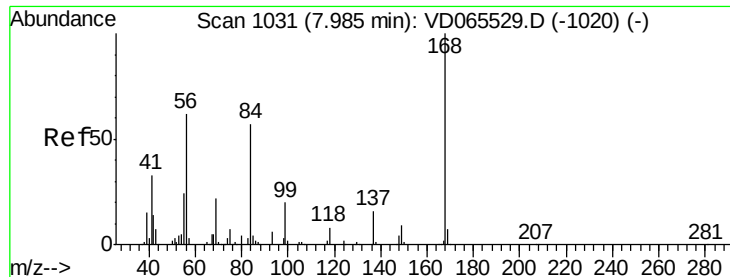
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	30482	5.028	ug/l	97
94) Hexachlorobutadiene	15.28	225	21243	5.366	ug/l	99
95) Naphthalene	15.41	128	38356	3.969	ug/l	96
96) 1,2,3-Trichlorobenzene	15.61	180	25629	4.893	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065526.D

Acq: 26 Mar 2020 15:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 488421

Ion Ratio Lower Upper

168 100

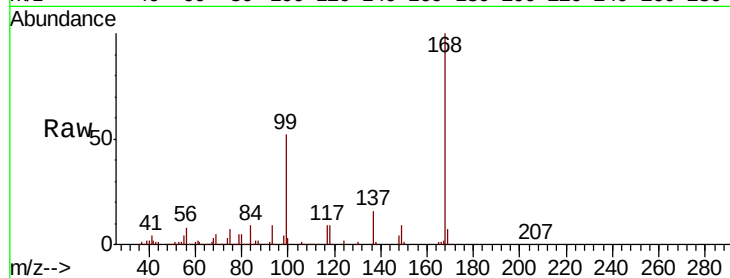
99 52.1 39.1 58.7

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

250000

200000

150000

100000

50000

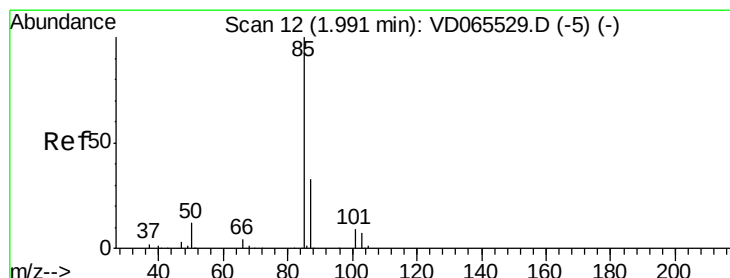
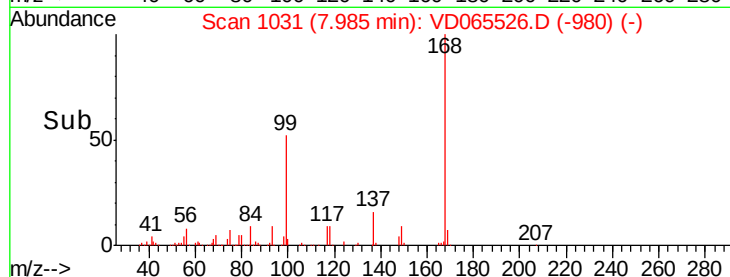
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 5.859 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD065526.D

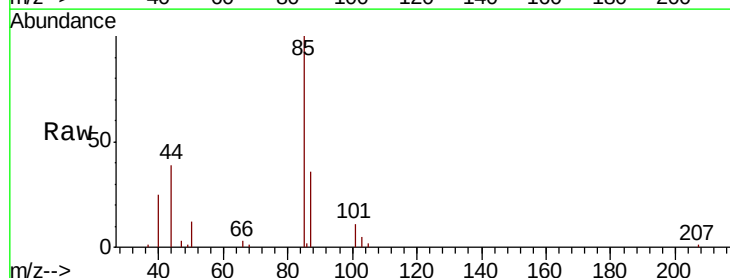
Acq: 26 Mar 2020 15:39

Tgt Ion: 85 Resp: 23277

Ion Ratio Lower Upper

85 100

87 35.9 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

20000

15000

10000

5000

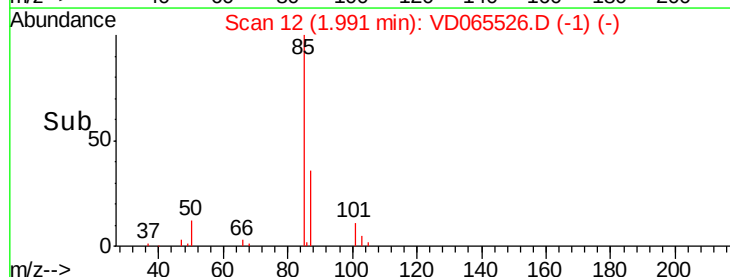
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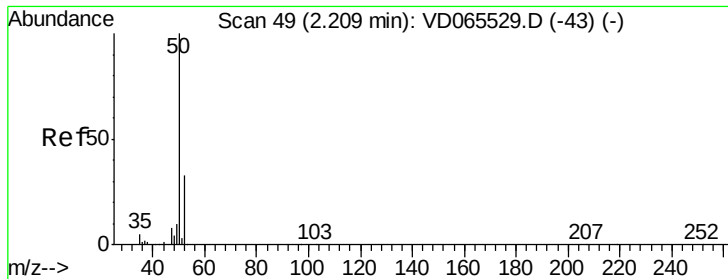
1.95

2.00

2.05

Time-->





#3

Chloromethane

Concen: 5.787 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065526.D

Acq: 26 Mar 2020 15:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 28408

Ion Ratio Lower Upper

50 100

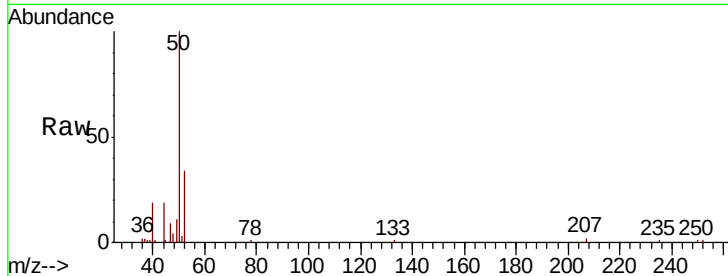
52 33.8 26.3 39.5

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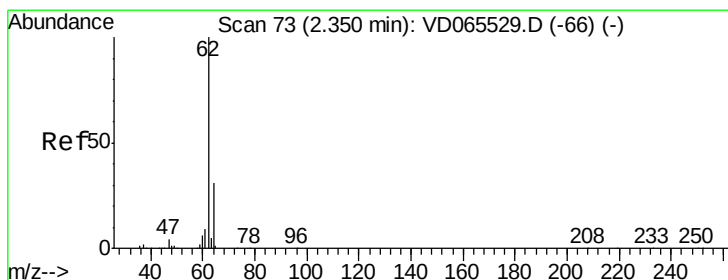
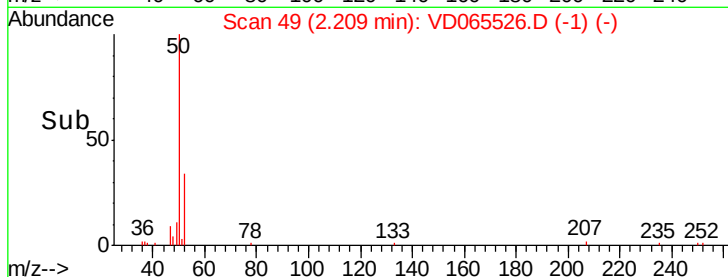
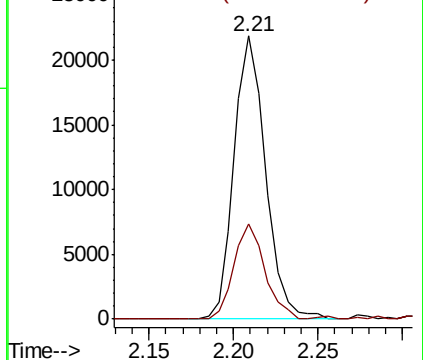
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 5.681 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065526.D

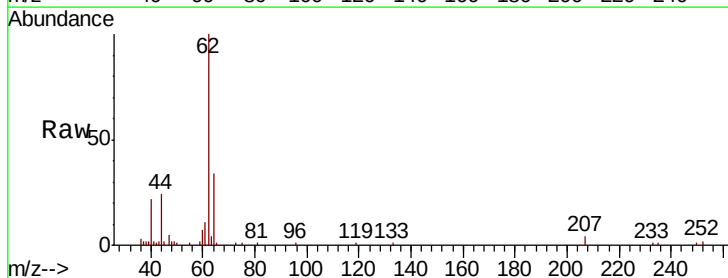
Acq: 26 Mar 2020 15:39

Tgt Ion: 62 Resp: 27601

Ion Ratio Lower Upper

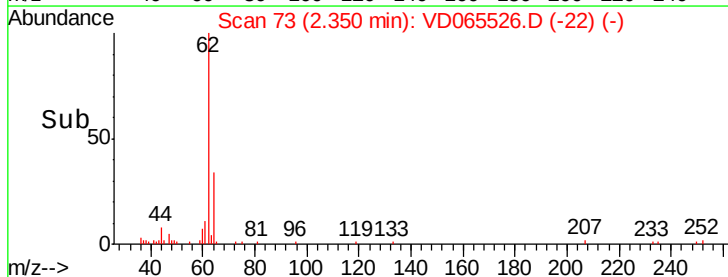
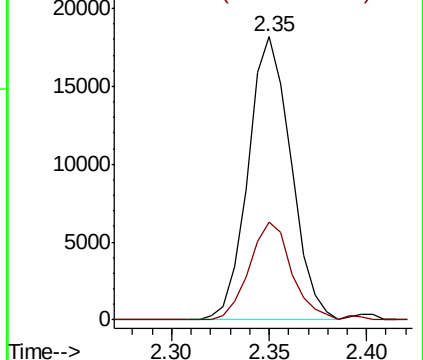
62 100

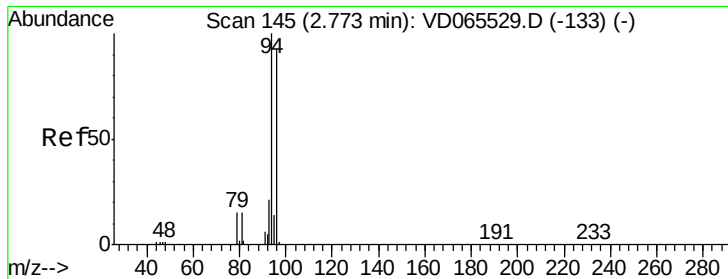
64 34.3 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 6.444 ug/l

RT: 2.77 min Scan# 145

Delta R.T. -0.00 min

Lab File: VD065526.D

Acq: 26 Mar 2020 15:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 20430

Ion Ratio Lower Upper

94 100

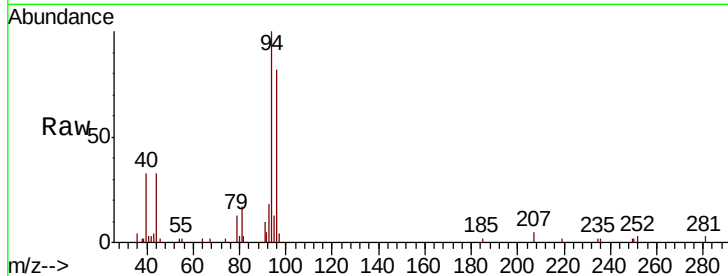
96 80.4 73.4 110.2

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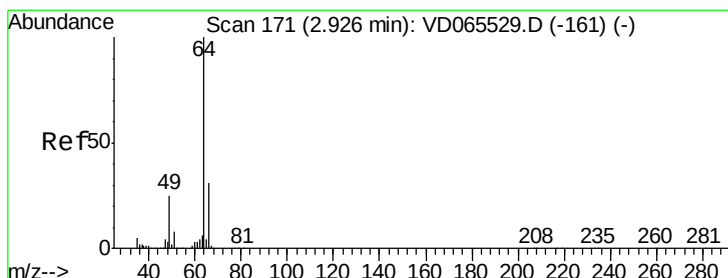
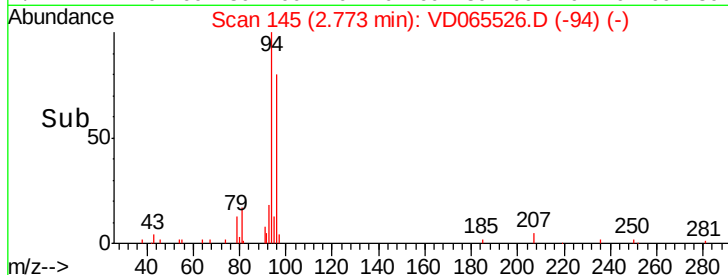


Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

Time-->



#6

Chloroethane

Concen: 5.885 ug/l

RT: 2.93 min Scan# 172

Delta R.T. 0.01 min

Lab File: VD065526.D

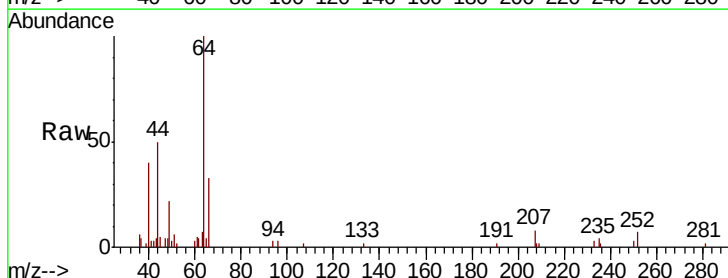
Acq: 26 Mar 2020 15:39

Tgt Ion: 64 Resp: 17671

Ion Ratio Lower Upper

64 100

66 33.2 25.0 37.6

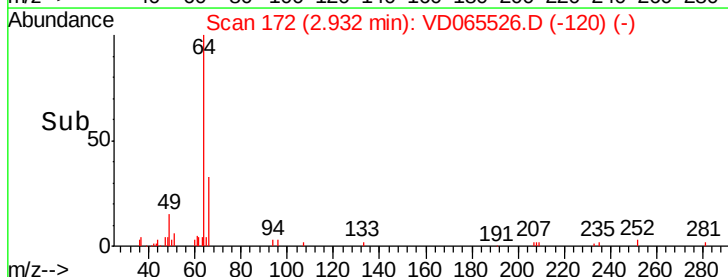


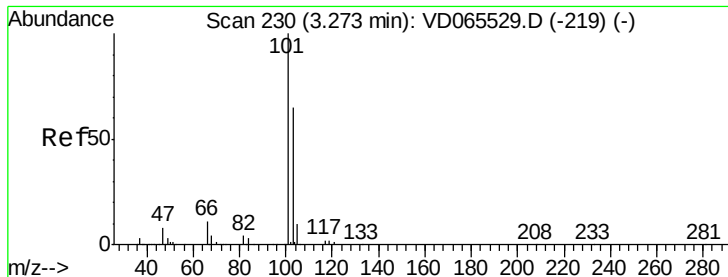
Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.93

Time-->





#7

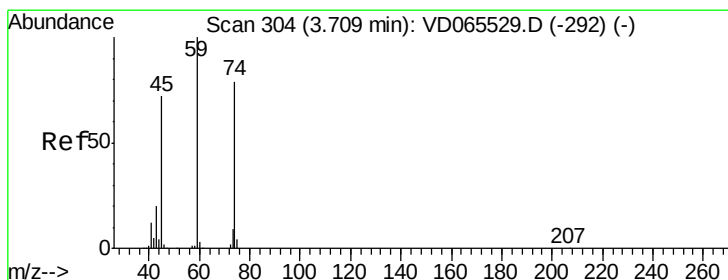
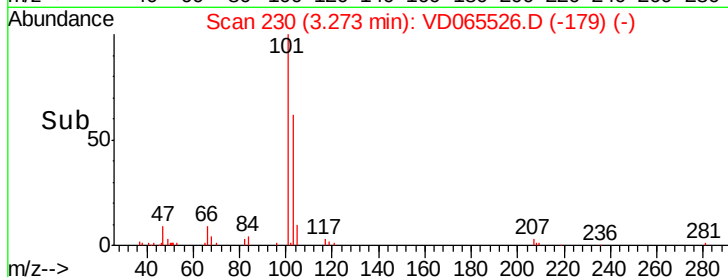
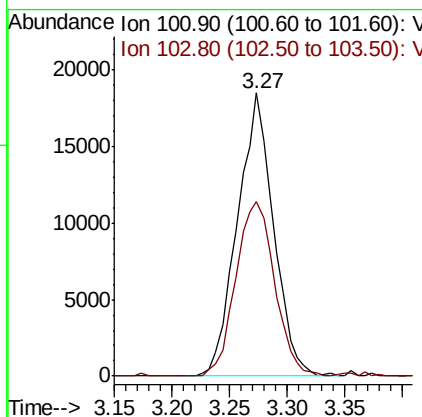
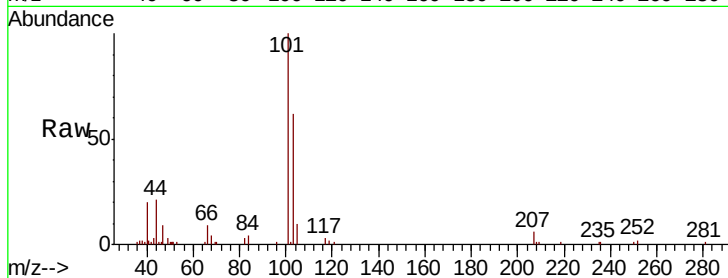
Trichlorofluoromethane
Concen: 5.568 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.00 min
Lab File: VD065526.D
Acq: 26 Mar 2020 15:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.6	51.9	77.9

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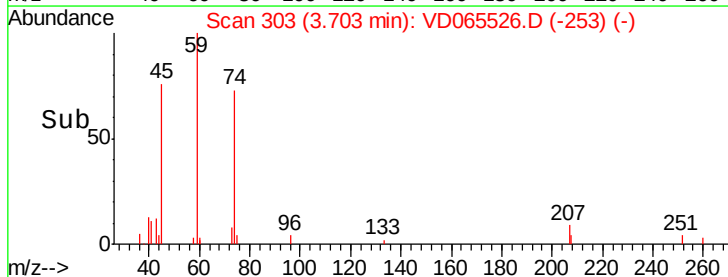
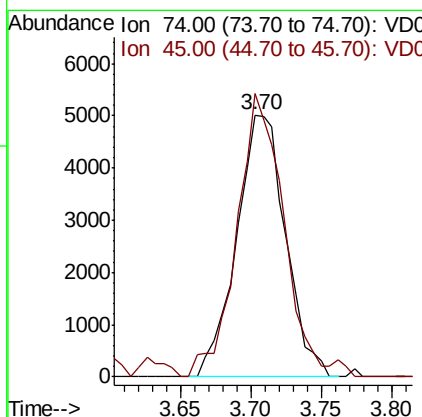
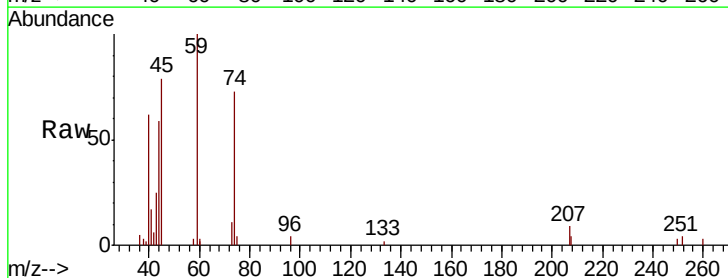
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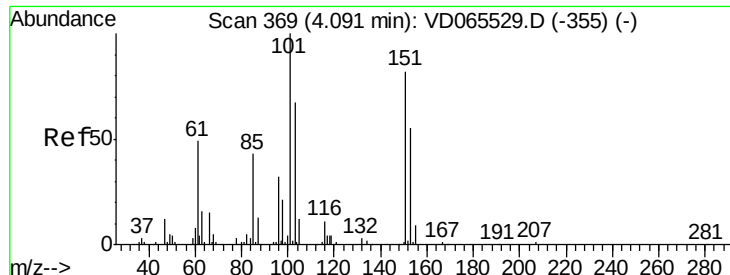


#8

Diethyl Ether
Concen: 5.611 ug/l
RT: 3.70 min Scan# 303
Delta R.T. -0.01 min
Lab File: VD065526.D
Acq: 26 Mar 2020 15:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.0	48.2	144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.712 ug/l

RT: 4.08 min Scan# 367

Delta R.T. -0.01 min

Lab File: VD065526.D

Acq: 26 Mar 2020 15:39

Instrument :

MSVOA_D

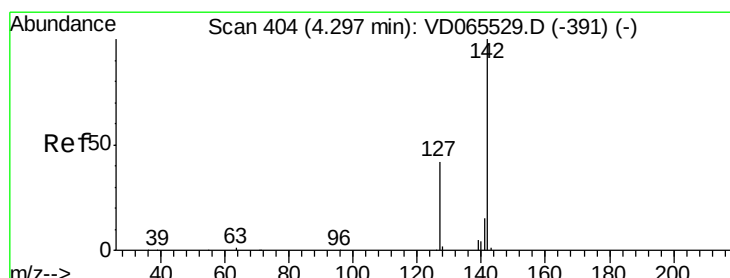
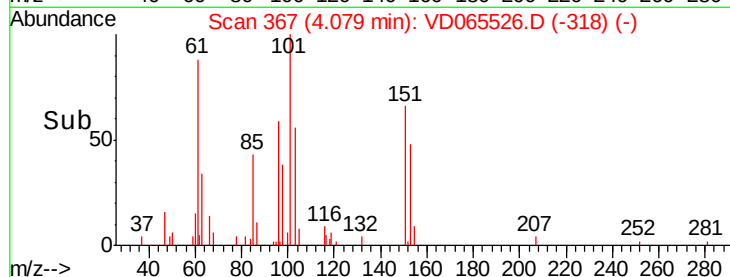
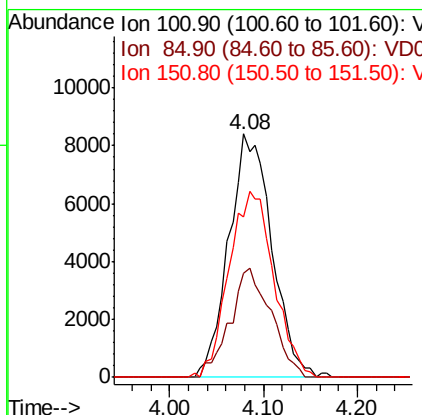
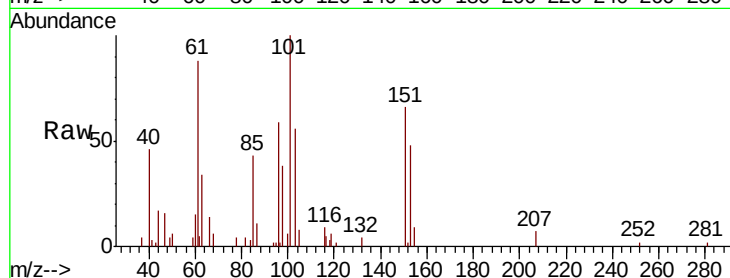
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	26707
Ion Ratio	Lower	Upper	
101	100		
85	42.7	32.6	48.8
151	79.5	65.5	98.3

Manual Integrations
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#10

Methyl Iodide

Concen: 5.062 ug/l

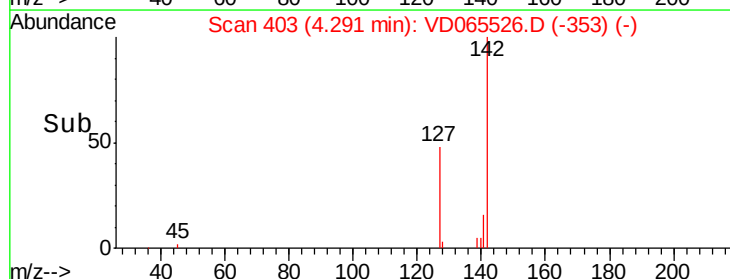
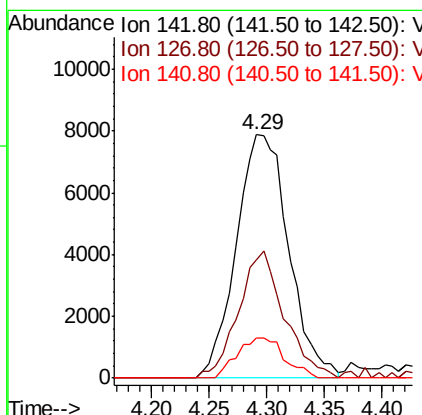
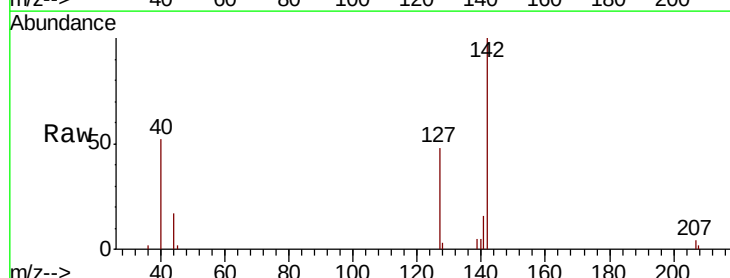
RT: 4.29 min Scan# 403

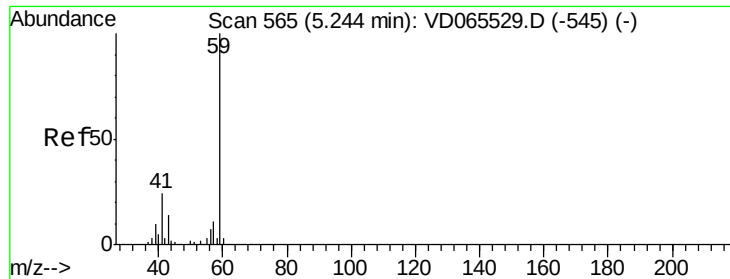
Delta R.T. -0.01 min

Lab File: VD065526.D

Acq: 26 Mar 2020 15:39

Tgt Ion:	142	Resp:	24873
Ion Ratio	Lower	Upper	
142	100		
127	45.9	33.9	50.9
141	14.9	11.6	17.4





#11

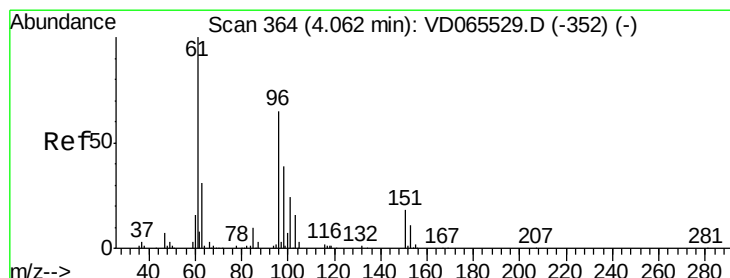
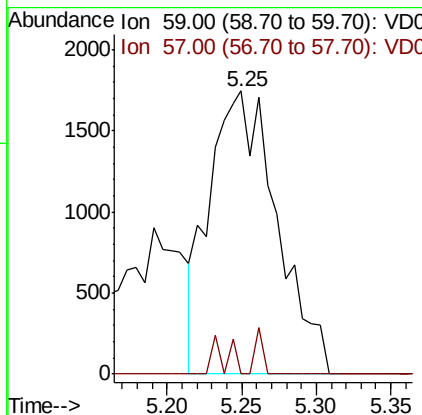
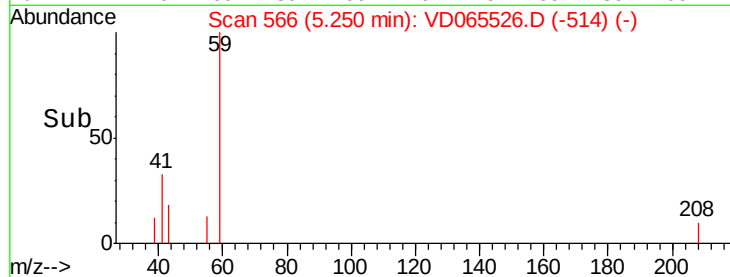
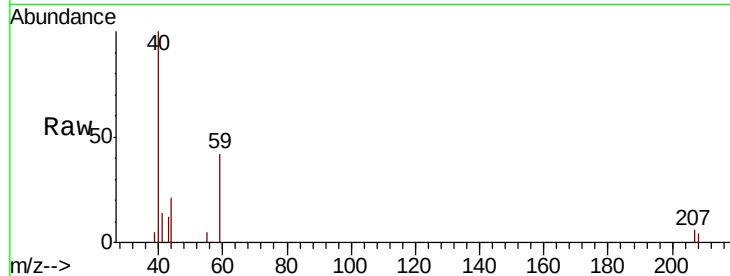
Tert butyl alcohol
Concen: 23.038 ug/l
RT: 5.25 min Scan# 566
Delta R.T. 0.01 min
Lab File: VD065526.D
Acq: 26 Mar 2020 15:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion: 59 Resp: 5499
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

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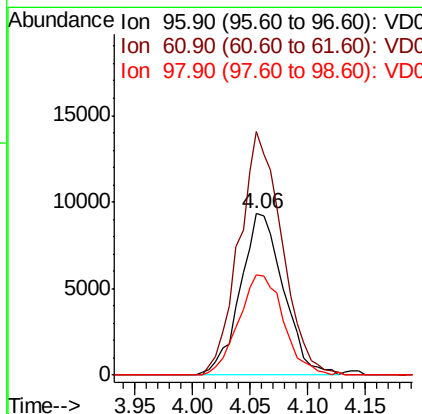
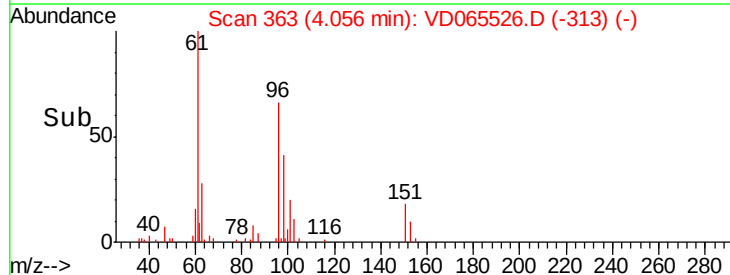
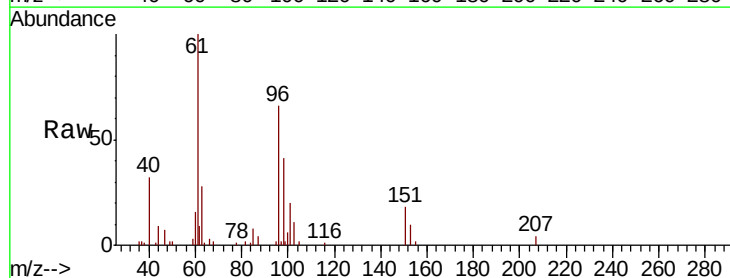
apatel
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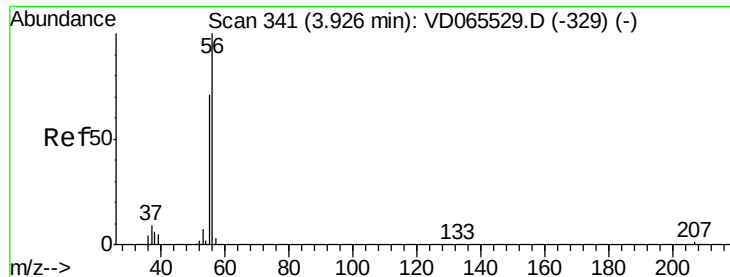


#12

1,1-Dichloroethene
Concen: 5.447 ug/l
RT: 4.06 min Scan# 363
Delta R.T. -0.01 min
Lab File: VD065526.D
Acq: 26 Mar 2020 15:39

Tgt Ion: 96 Resp: 24313
Ion Ratio Lower Upper
96 100
61 150.9 124.0 186.0
98 62.4 48.2 72.4





#13

Acrolein

Concen: 23.300 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD065526.D

Acq: 26 Mar 2020 15:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 9749

Ion Ratio Lower Upper

56 100

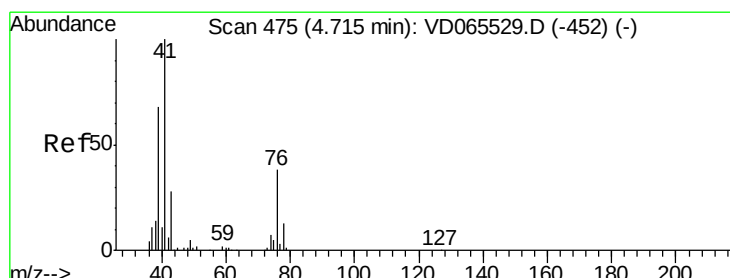
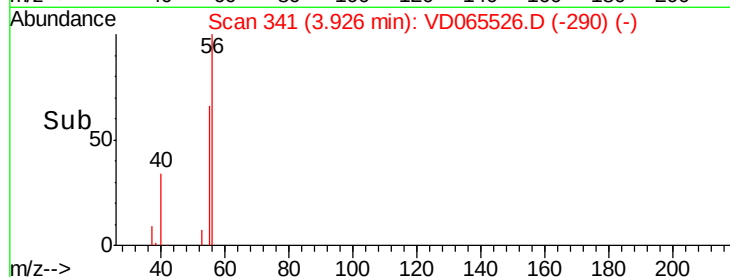
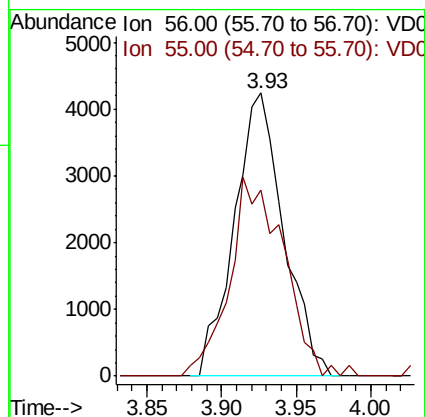
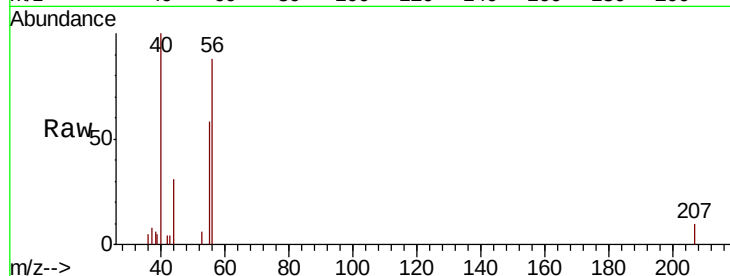
55 77.1 56.2 84.2

Manual Integrations

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#14

Allyl chloride

Concen: 5.076 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD065526.D

Acq: 26 Mar 2020 15:39

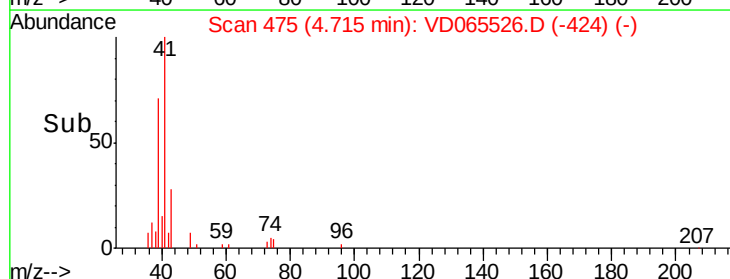
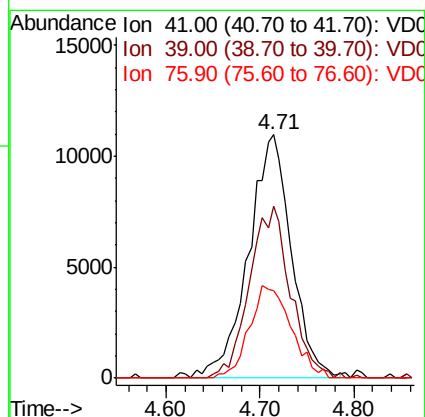
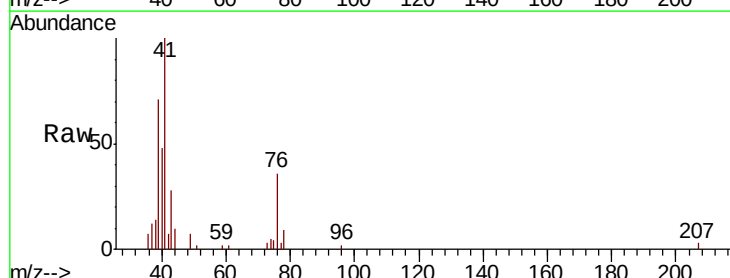
Tgt Ion: 41 Resp: 34697

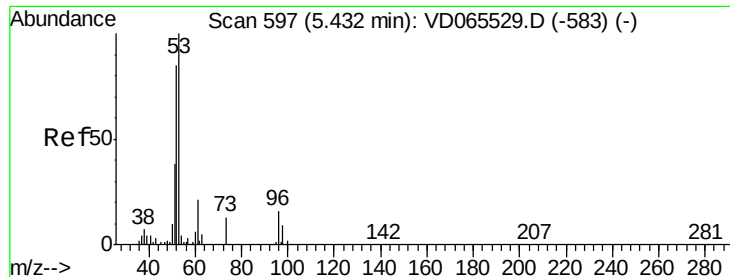
Ion Ratio Lower Upper

41 100

39 67.2 52.9 79.3

76 36.9 28.9 43.3





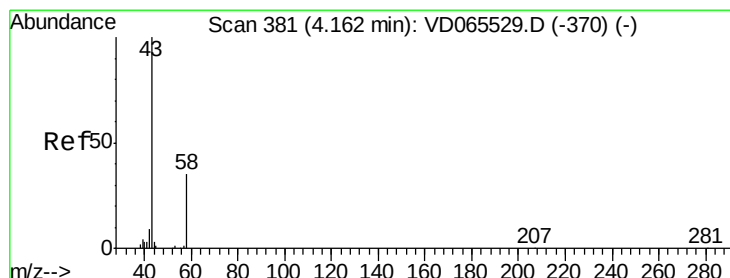
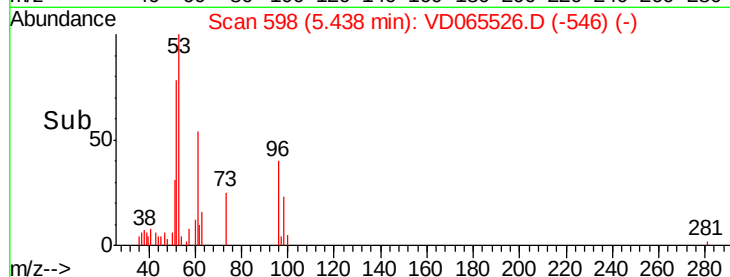
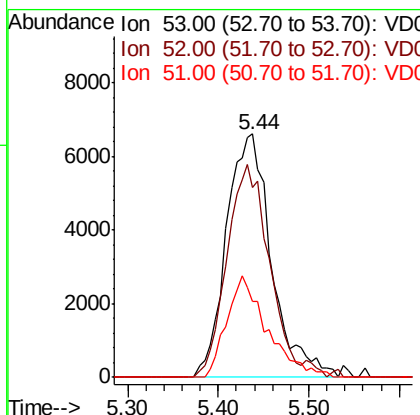
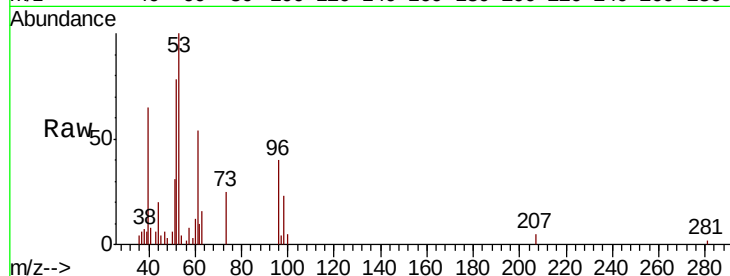
#15
Acrylonitrile
Concen: 24.223 ug/l
RT: 5.44 min Scan# 598
Delta R.T. 0.01 min
Lab File: VD065526.D
Acq: 26 Mar 2020 15:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
53	100		
52	81.6	65.8	98.6
51	37.7	29.7	44.5

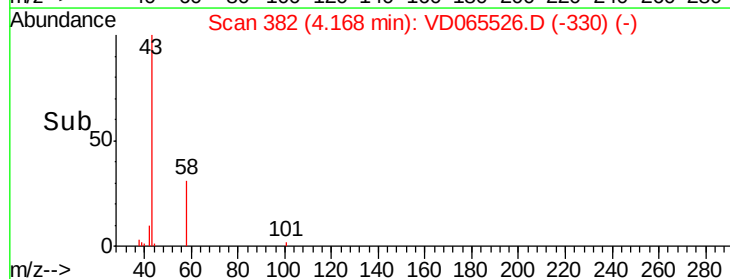
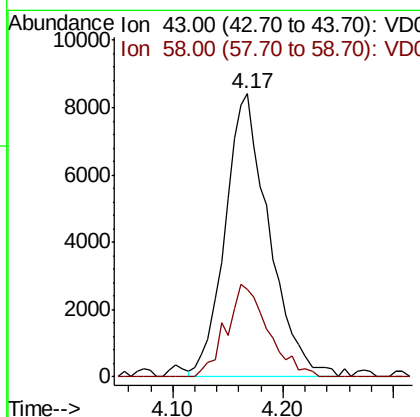
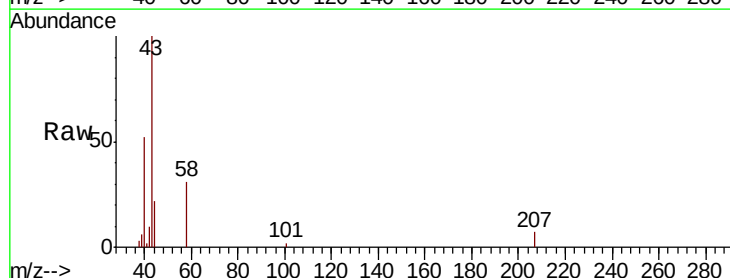
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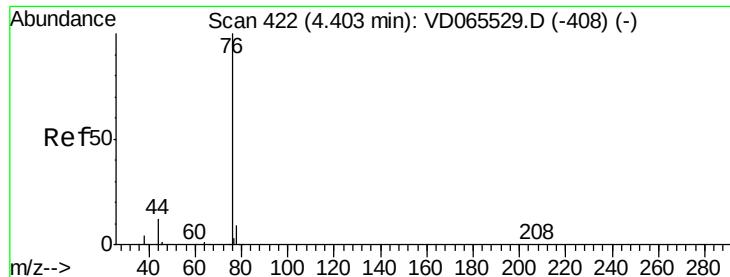
apatel
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#16
Acetone
Concen: 28.011 ug/l
RT: 4.17 min Scan# 382
Delta R.T. 0.01 min
Lab File: VD065526.D
Acq: 26 Mar 2020 15:39

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.8	27.9	41.9





#17

Carbon Disulfide

Concen: 5.439 ug/l

RT: 4.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: VD065526.D

Acq: 26 Mar 2020 15:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tot Ion: 76 Resp: 80542

Ion Ratio Lower Upper

76 100

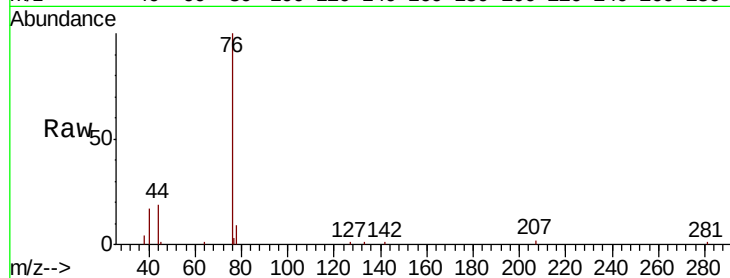
78 9.4 7.5 11.3

Manual Integrations

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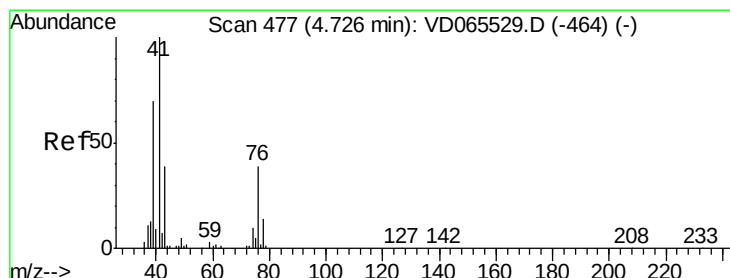
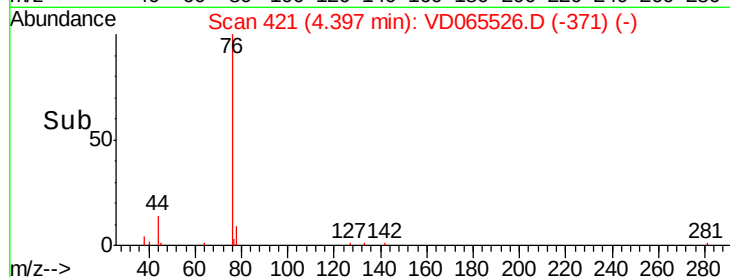
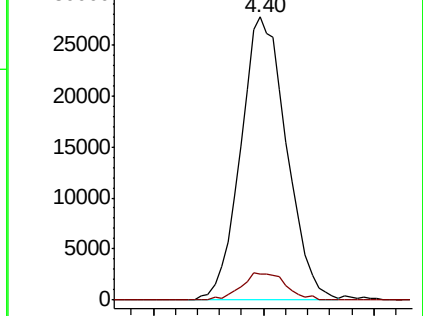
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 5.463 ug/l

RT: 4.73 min Scan# 478

Delta R.T. 0.01 min

Lab File: VD065526.D

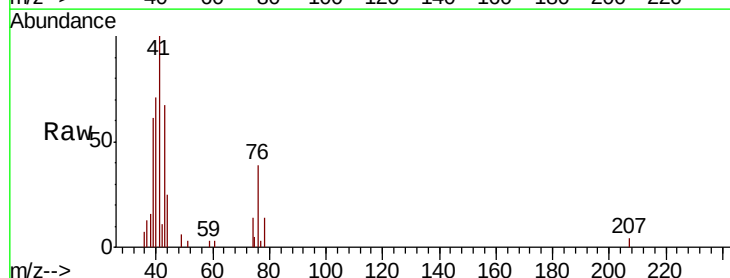
Acq: 26 Mar 2020 15:39

Tgt Ion: 43 Resp: 11623

Ion Ratio Lower Upper

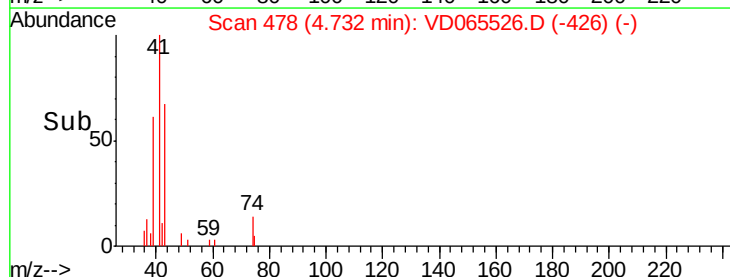
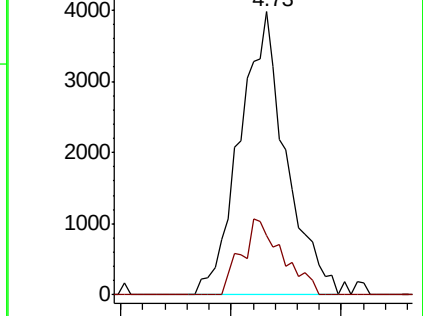
43 100

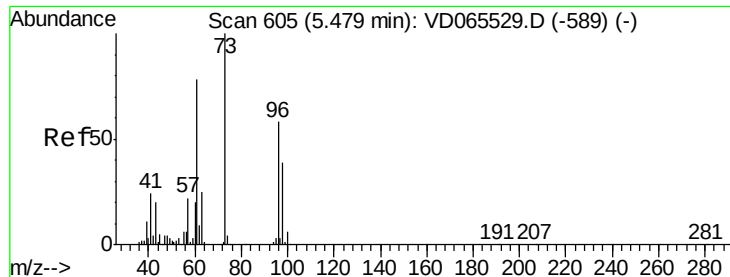
74 24.1 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





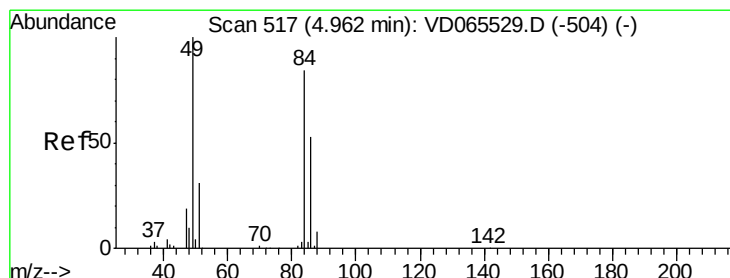
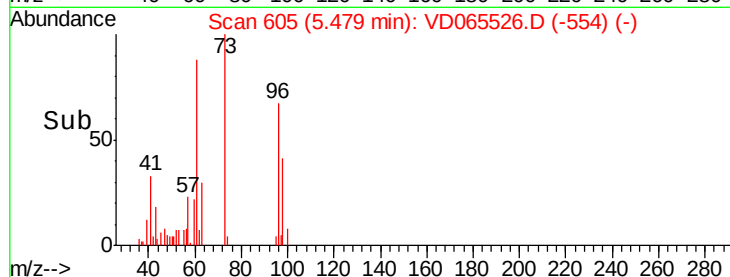
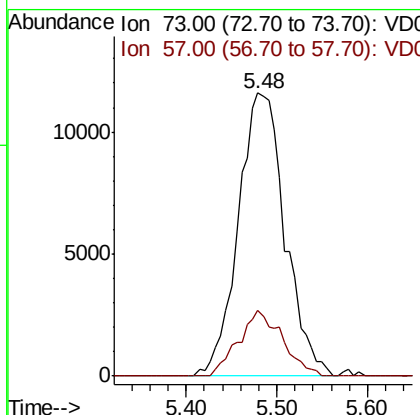
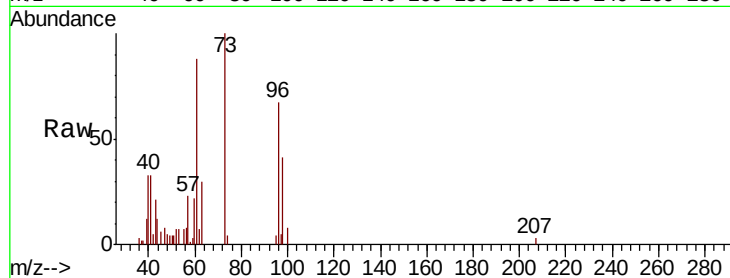
#19
Methyl tert-butyl Ether
Concen: 4.801 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD065526.D
Acq: 26 Mar 2020 15:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion: 73 Resp: 41532
Ion Ratio Lower Upper
73 100
57 23.4 17.7 26.5

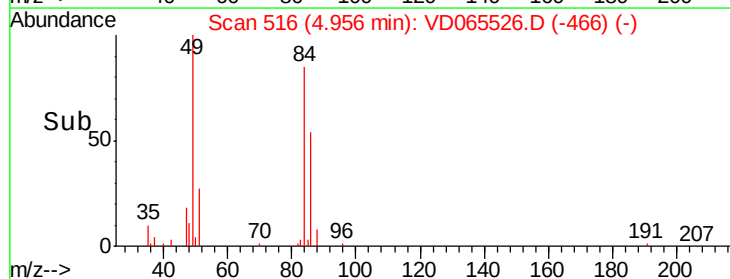
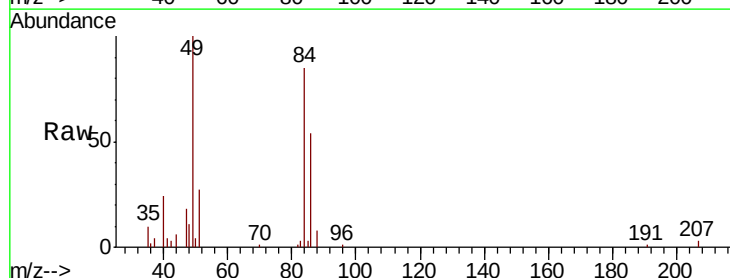
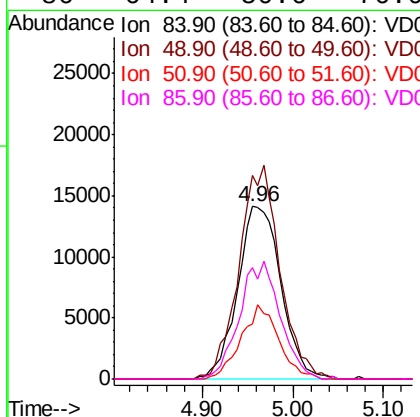
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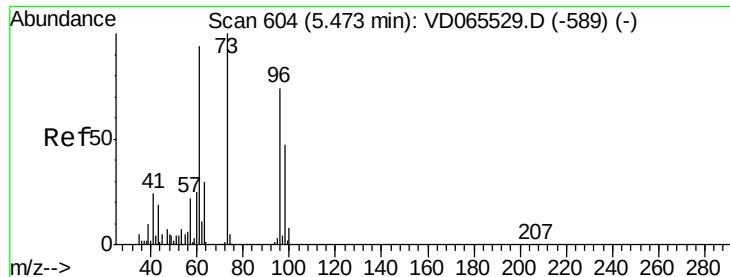
apatel
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#20
Methylene Chloride
Concen: 8.998 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD065526.D
Acq: 26 Mar 2020 15:39

Tgt Ion: 84 Resp: 46899
Ion Ratio Lower Upper
84 100
49 118.2 95.6 143.4
51 32.2 29.4 44.2
86 64.4 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 5.484 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.00 min

Lab File: VD065526.D

Acq: 26 Mar 2020 15:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tot Ion: 96 Resp: 27288

Ion Ratio Lower Upper

96 100

61 131.7 101.8 152.6

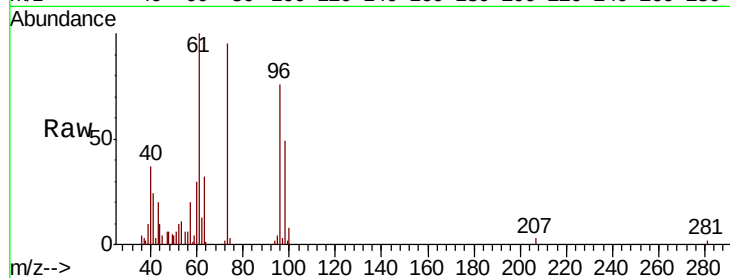
98 64.9 51.4 77.2

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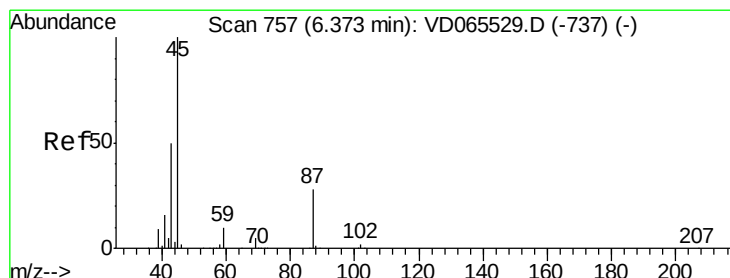
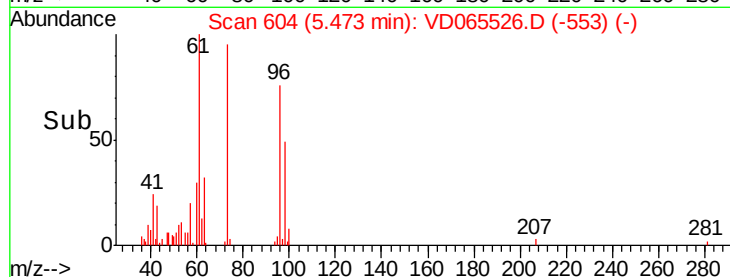
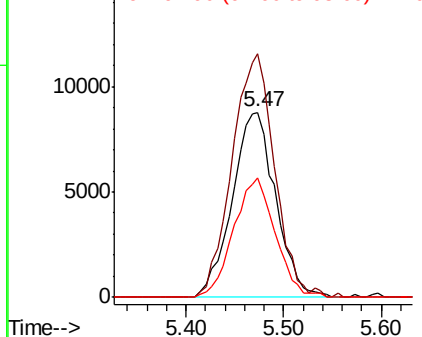


Abundance

Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 4.630 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD065526.D

Acq: 26 Mar 2020 15:39

Tgt Ion: 45 Resp: 59333

Ion Ratio Lower Upper

45 100

43 63.3 40.5 60.7#

87 29.4 22.5 33.7

59 12.1 8.6 12.8

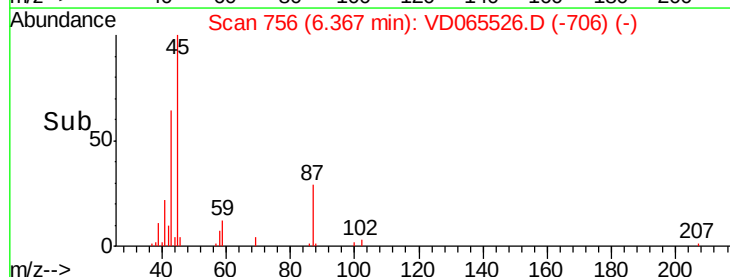
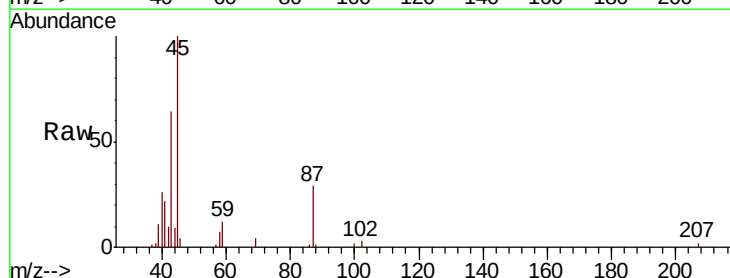
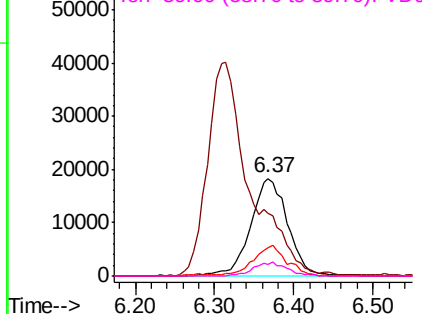
Abundance

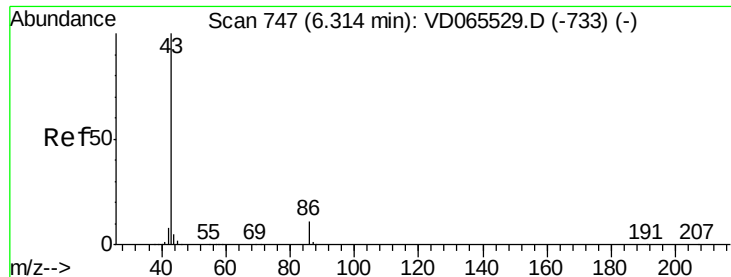
Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 21.030 ug/l

RT: 6.31 min Scan# 747

Delta R.T. -0.00 min

Lab File: VD065526.D

Acq: 26 Mar 2020 15:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 149389

Ion Ratio Lower Upper

43 100

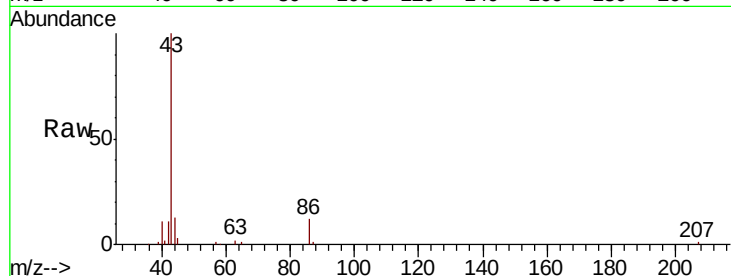
86 12.2 9.0 13.4

Manual Integrations

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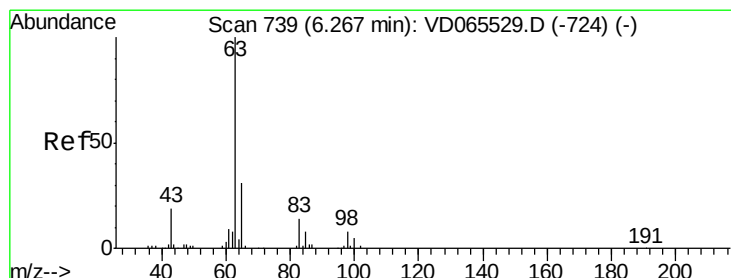
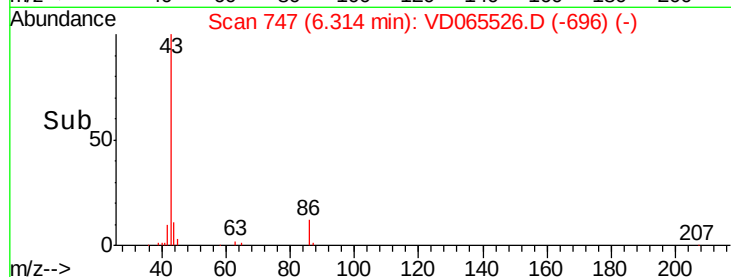
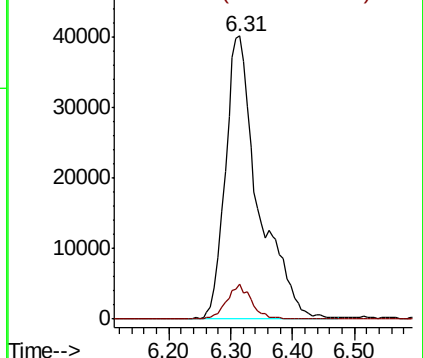
apatel

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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: 5.278 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD065526.D

Acq: 26 Mar 2020 15:39

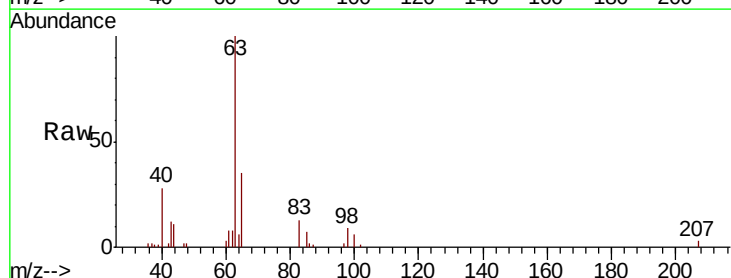
Tgt Ion: 63 Resp: 43214

Ion Ratio Lower Upper

63 100

98 8.7 4.2 12.6

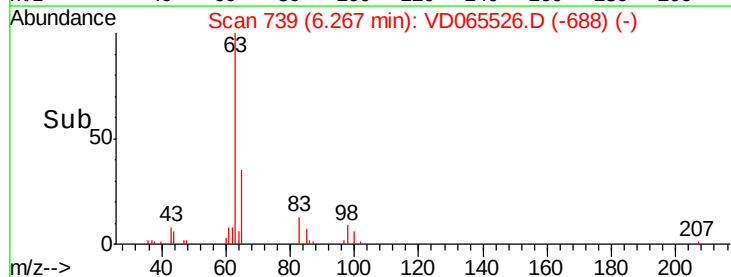
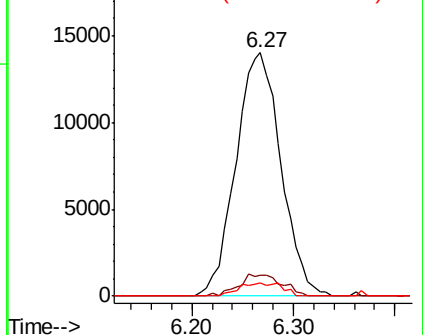
100 5.6 2.5 7.4

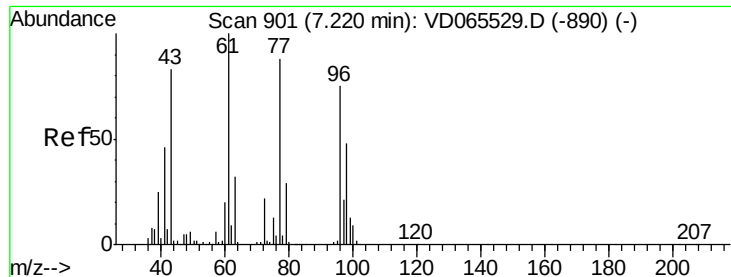


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 23.543 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.00 min

Lab File: VD065526.D

Acq: 26 Mar 2020 15:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 26859

Ion Ratio Lower Upper

43 100

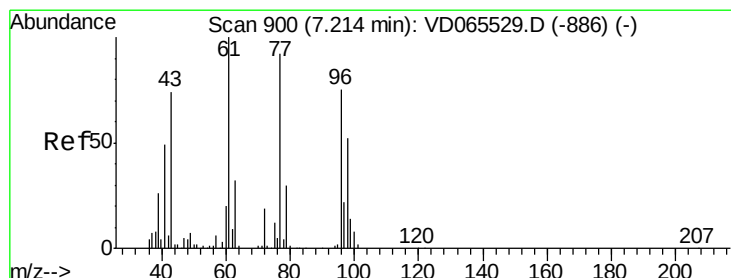
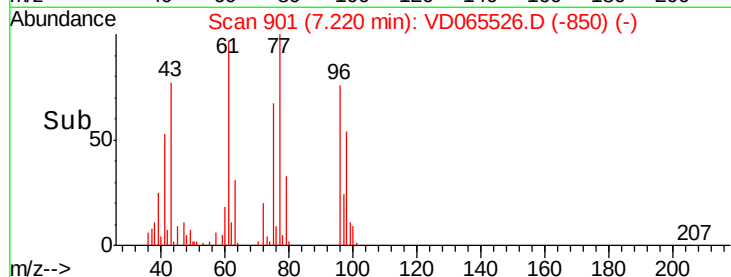
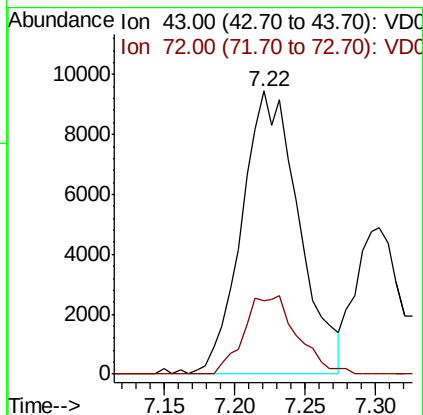
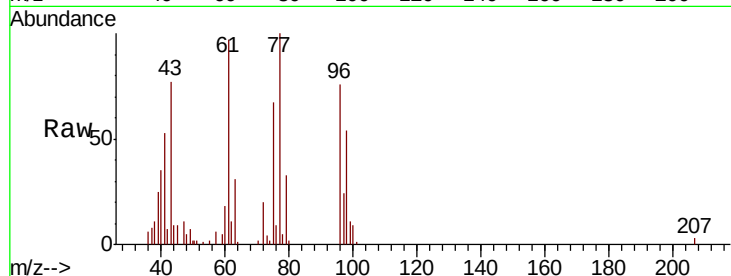
72 26.2 21.5 32.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 5.536 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065526.D

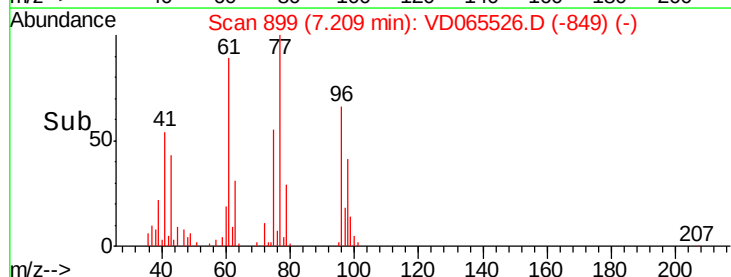
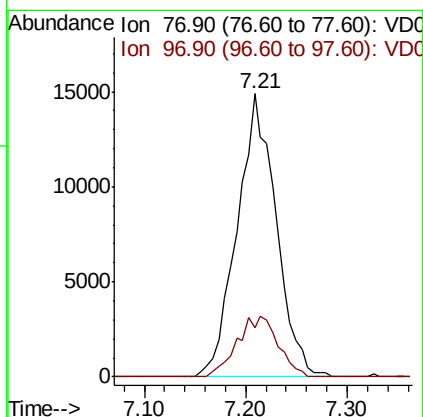
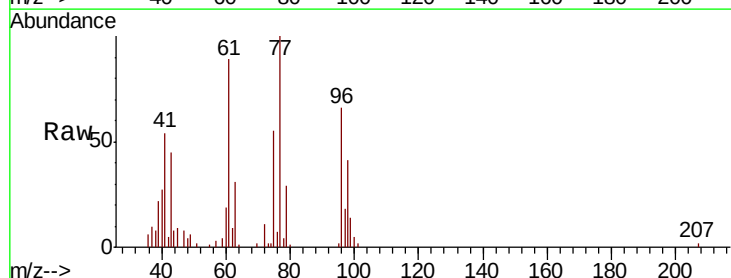
Acq: 26 Mar 2020 15:39

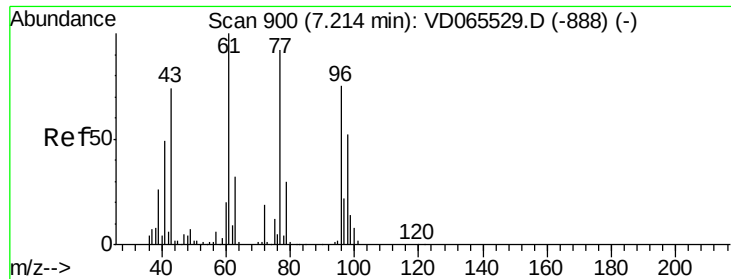
Tgt Ion: 77 Resp: 39840

Ion Ratio Lower Upper

77 100

97 22.3 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 5.281 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065526.D

Acq: 26 Mar 2020 15:39

Instrument :

MSVOA_D

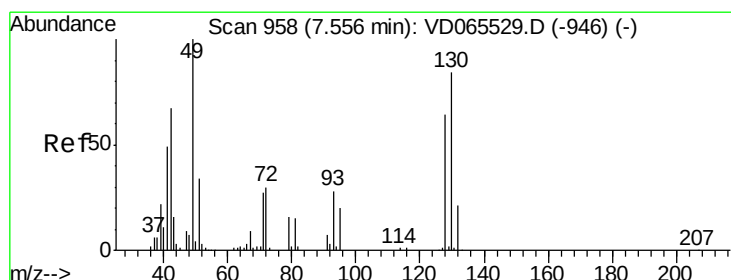
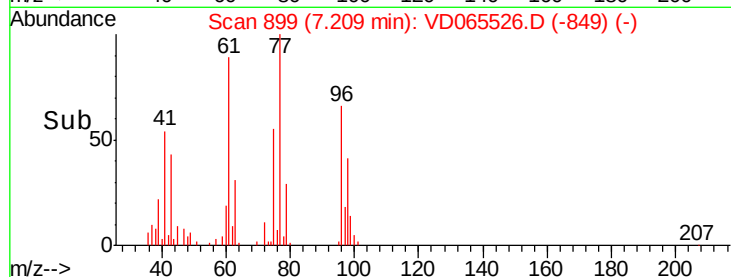
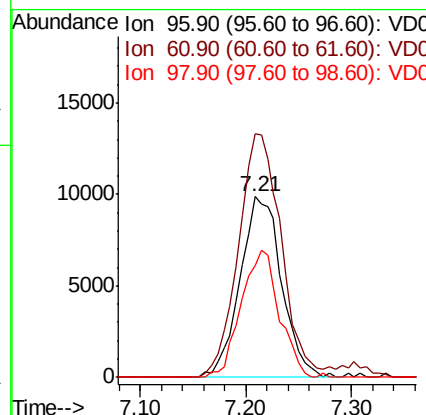
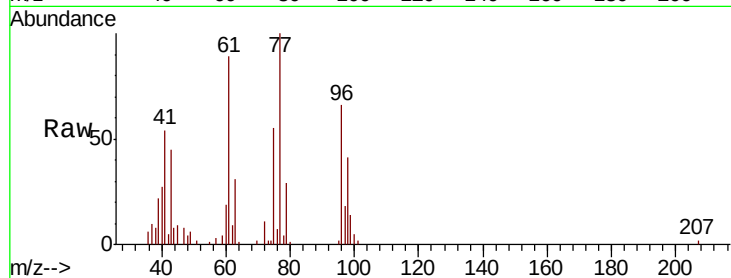
ClientSampleId :

VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.6	0.0	278.0
98	64.3	0.0	129.6

Manual Integrations
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#28

Bromochloromethane

Concen: 5.225 ug/l

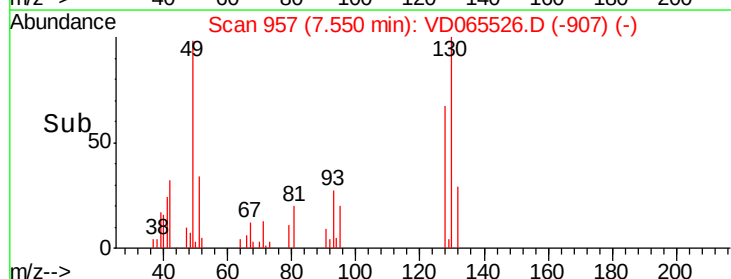
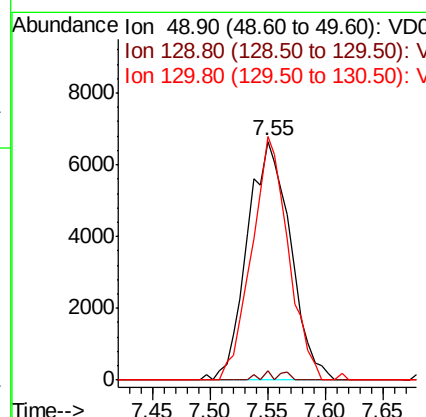
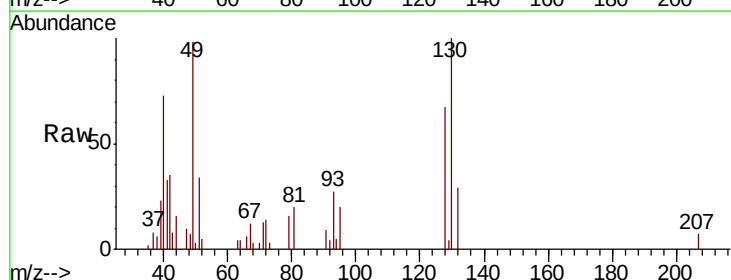
RT: 7.55 min Scan# 957

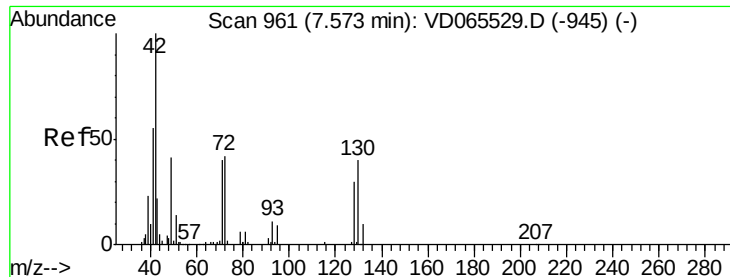
Delta R.T. -0.01 min

Lab File: VD065526.D

Acq: 26 Mar 2020 15:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	4.4
130	86.2	69.7	104.5





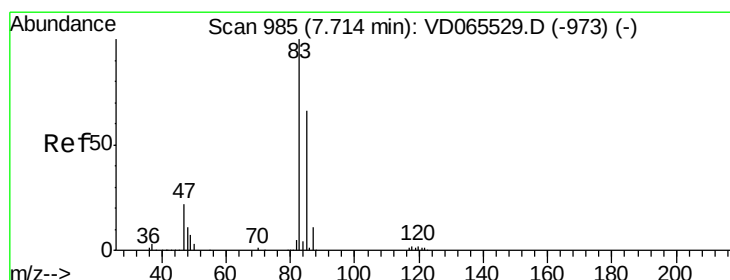
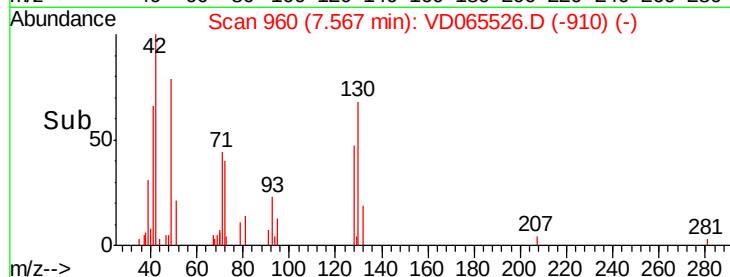
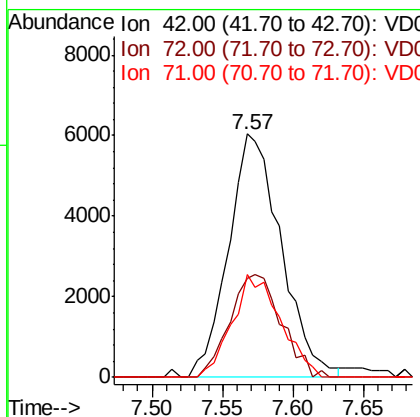
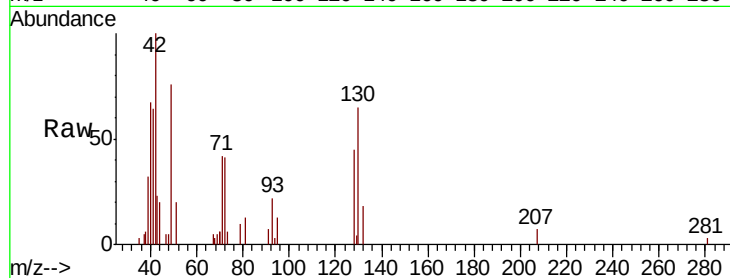
#29
Tetrahydrofuran
Concen: 21.626 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD065526.D
Acq: 26 Mar 2020 15:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.0	35.0	52.6
71	38.6	33.0	49.6

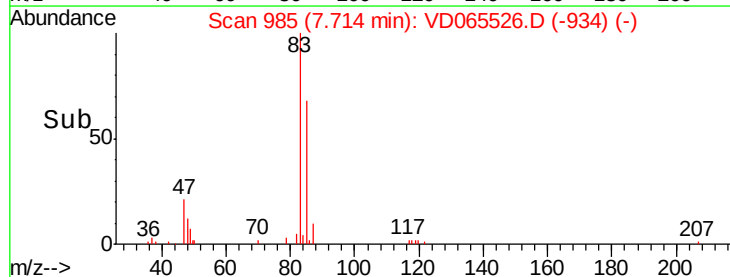
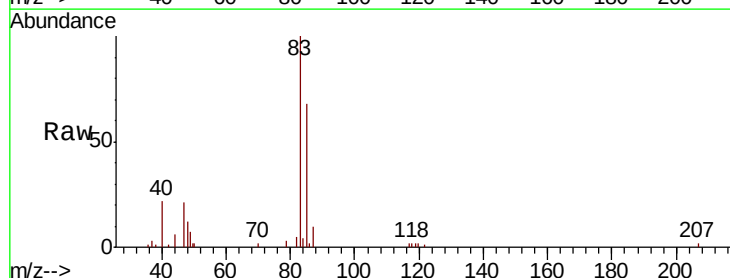
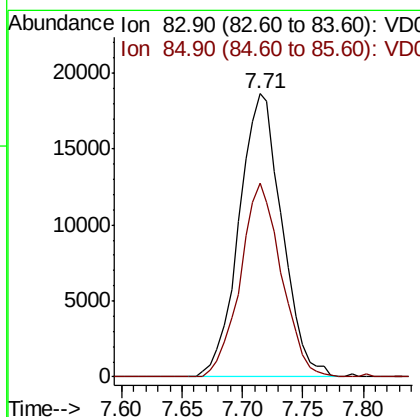
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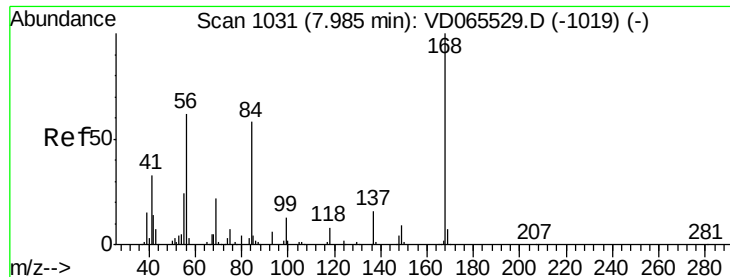
apatel
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#30
Chloroform
Concen: 5.602 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD065526.D
Acq: 26 Mar 2020 15:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.4	52.9	79.3





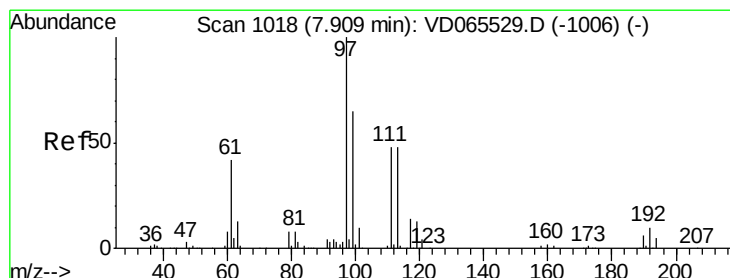
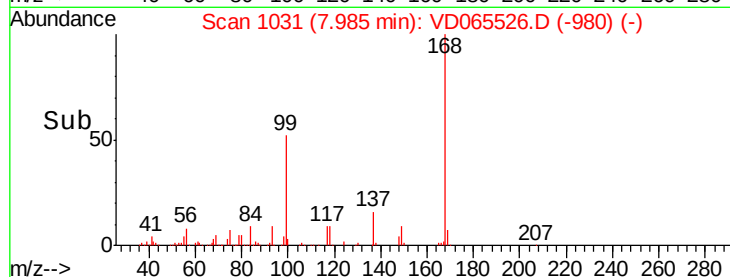
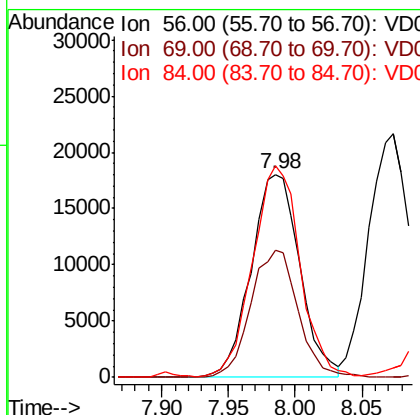
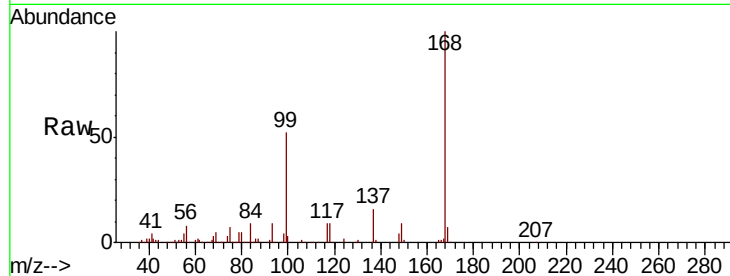
#31
Cyclohexane
Concen: 5.597 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065526.D
Acq: 26 Mar 2020 15:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
56	100		
69	62.9	28.2	42.4#
84	103.5	73.4	110.0

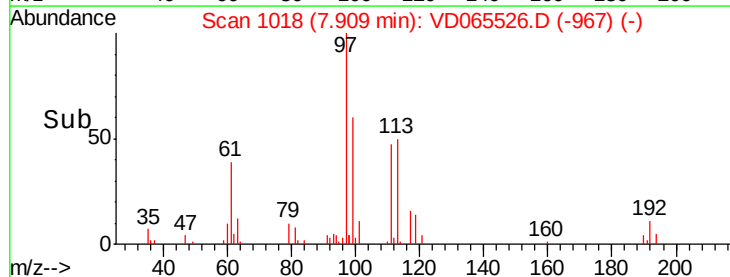
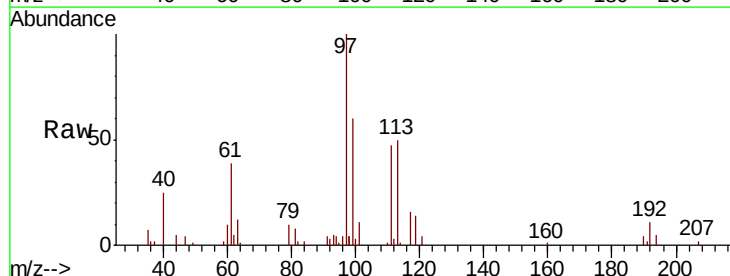
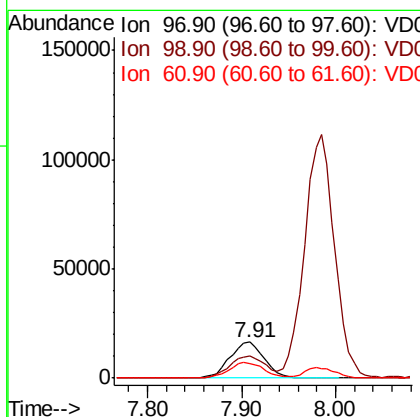
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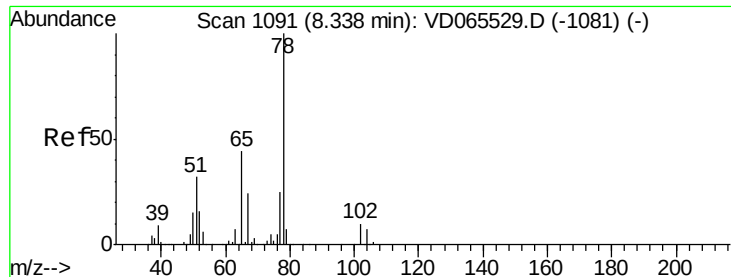
apatel
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#32
1,1,1-Trichloroethane
Concen: 5.581 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VD065526.D
Acq: 26 Mar 2020 15:39

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.2	76.8
61	41.3	33.4	50.2





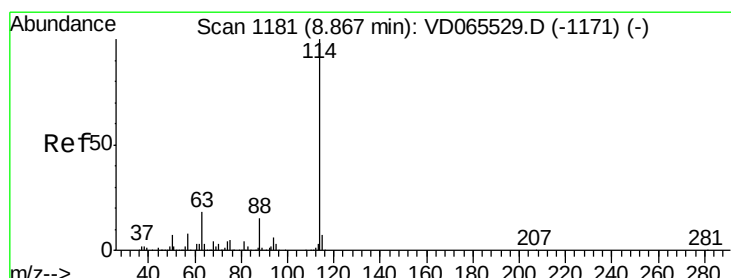
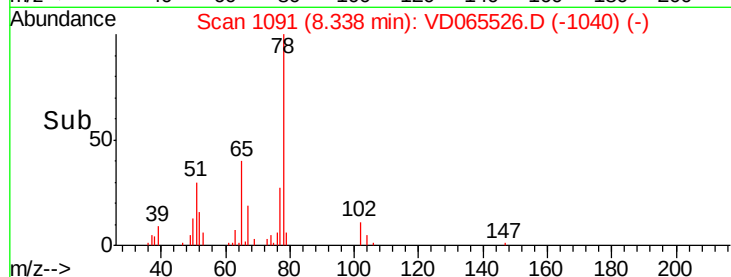
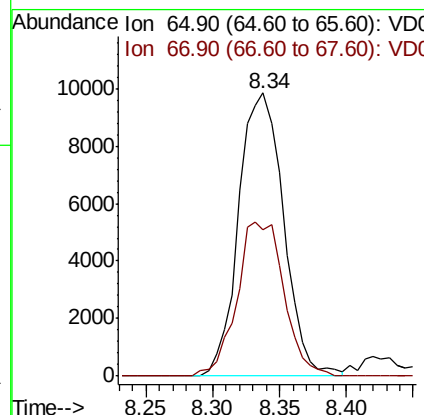
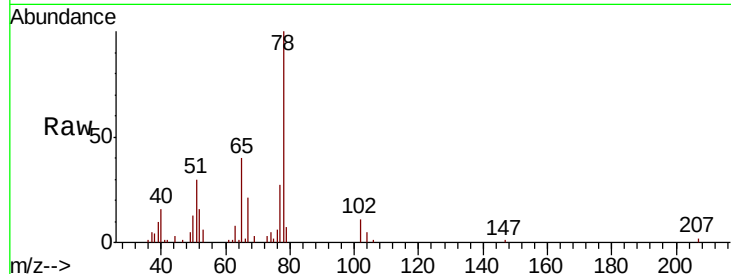
#33
 1,2-Dichloroethane-d4
 Concen: 5.523 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065526.D
 Acq: 26 Mar 2020 15:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
65	100		
67	56.8	0.0	107.6

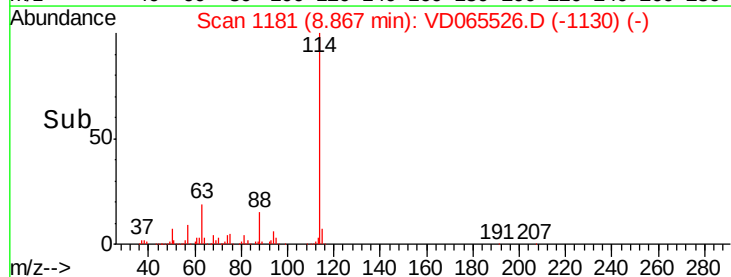
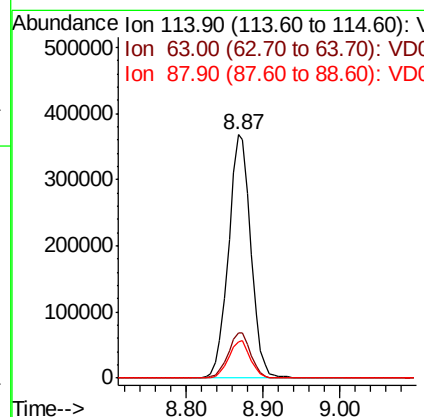
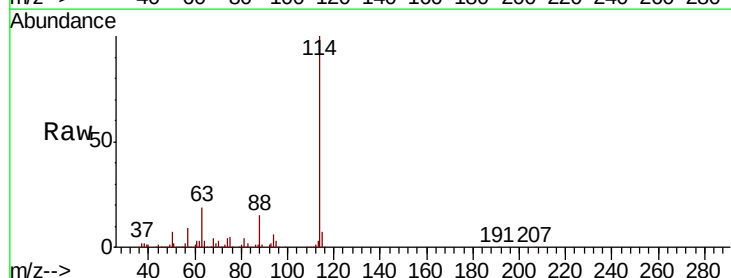
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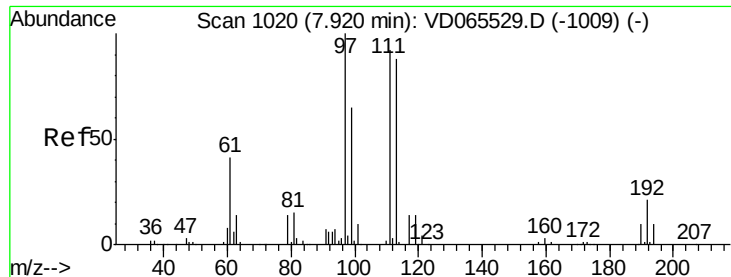
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065526.D
 Acq: 26 Mar 2020 15:39

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	37.0
88	14.7	0.0	30.4





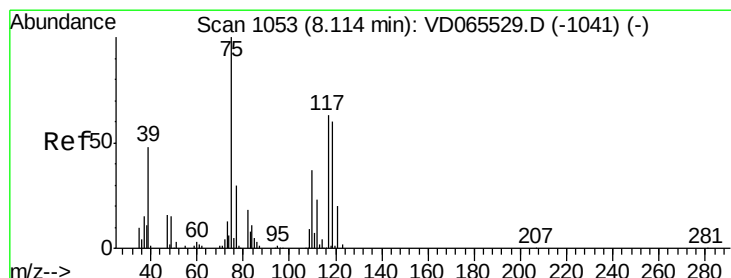
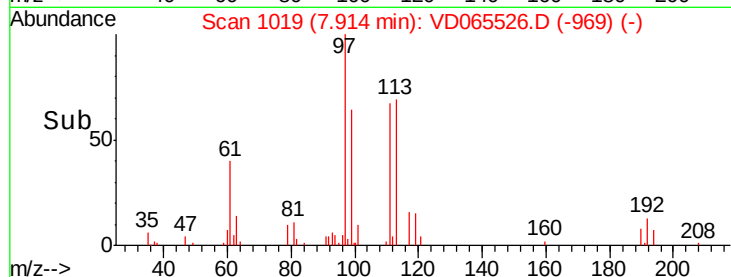
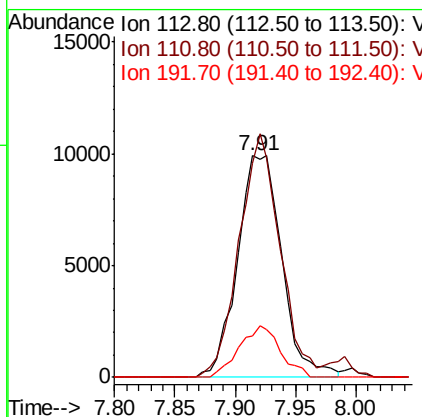
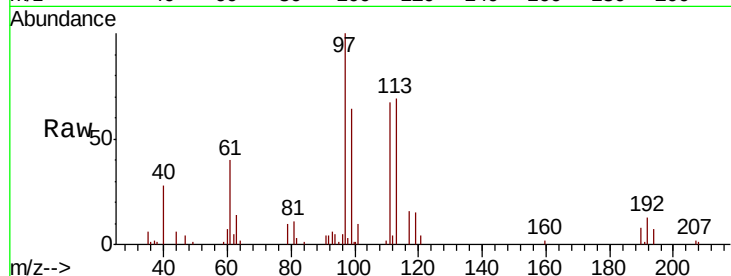
#35
 Dibromofluoromethane
 Concen: 5.556 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065526.D
 Acq: 26 Mar 2020 15:39

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
113	100	25445		
111	100.6	83.3	124.9	
192	21.5	18.5	27.7	

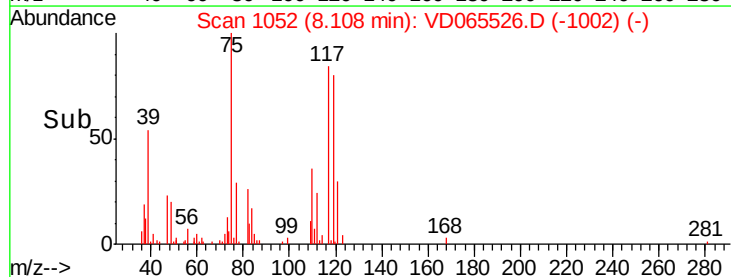
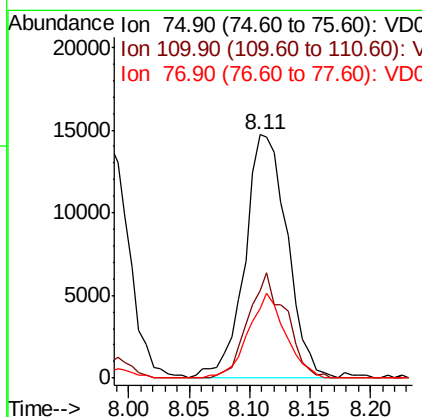
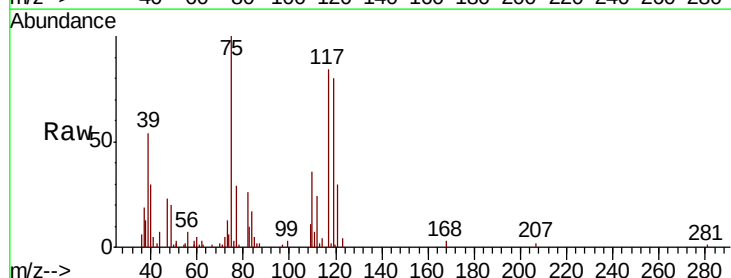
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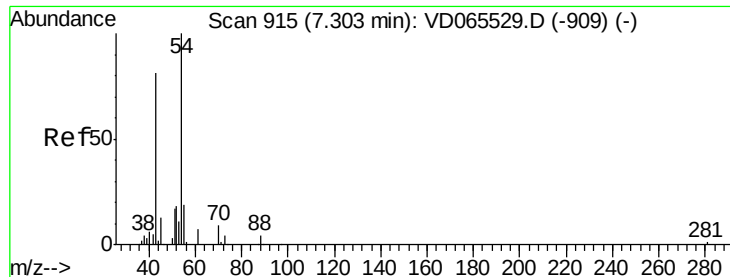
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#36
 1,1-Dichloropropene
 Concen: 5.099 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD065526.D
 Acq: 26 Mar 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	35857		
110	38.6	18.8	56.4	
77	30.8	25.1	37.7	





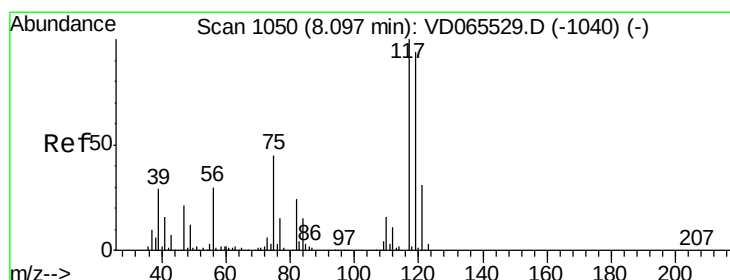
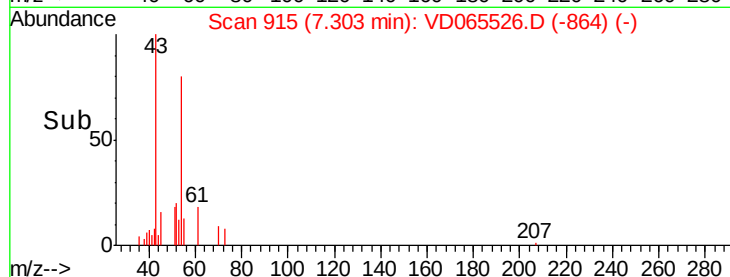
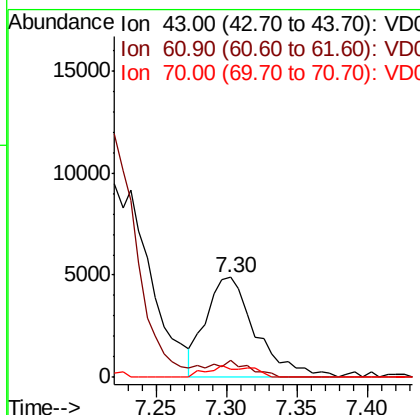
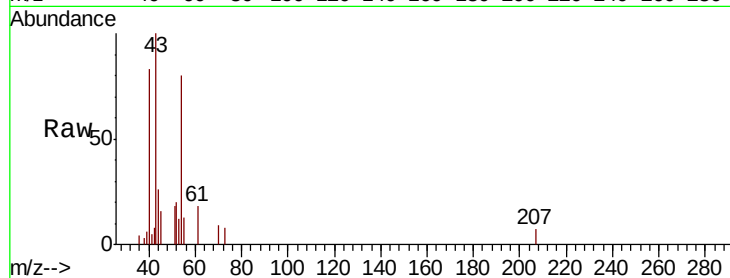
#37
Ethyl Acetate
Concen: 4.402 ug/l
RT: 7.30 min Scan# 915
Delta R.T. -0.00 min
Lab File: VD065526.D
Acq: 26 Mar 2020 15:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.2	12.2	18.4#
70	6.8	8.4	12.6#

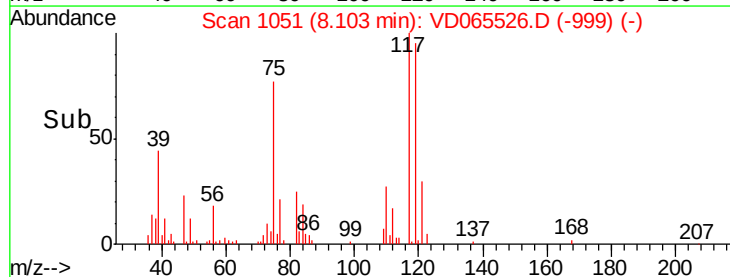
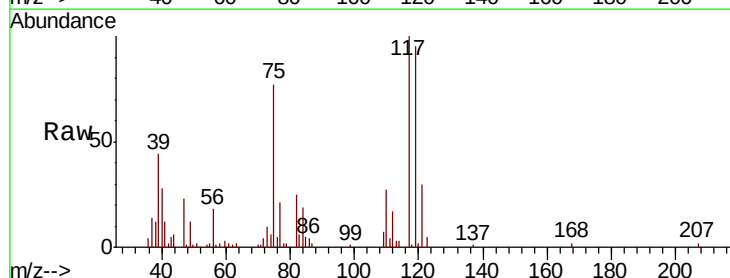
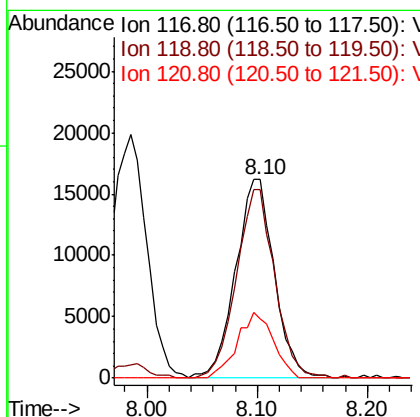
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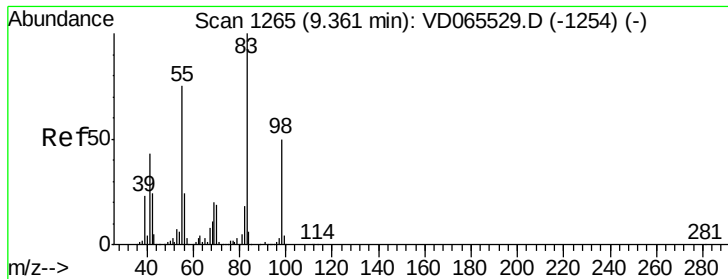
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#38
Carbon Tetrachloride
Concen: 5.436 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VD065526.D
Acq: 26 Mar 2020 15:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	75.2	112.8
121	29.9	24.5	36.7





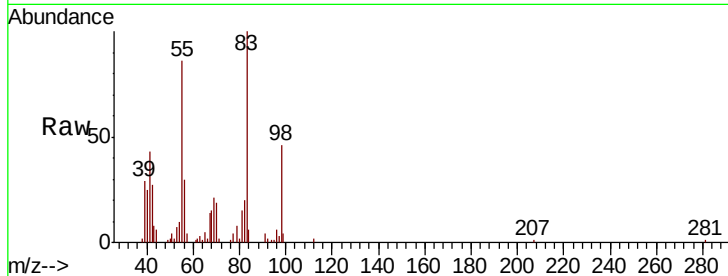
#39
Methylvlcyclohexane
Concen: 4.468 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD065526.D
Acq: 26 Mar 2020 15:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion	83	Resp	37780
Ion Ratio	100	Lower	Upper
83	100		
55	86.3	59.7	89.5
98	45.7	40.2	60.2

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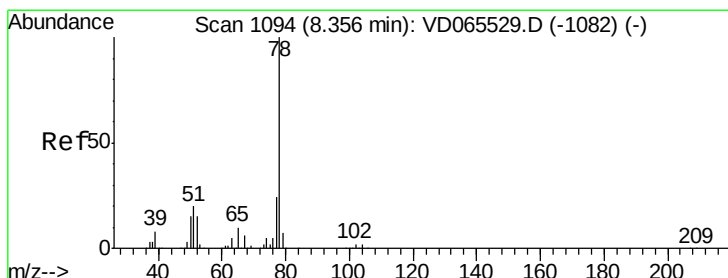
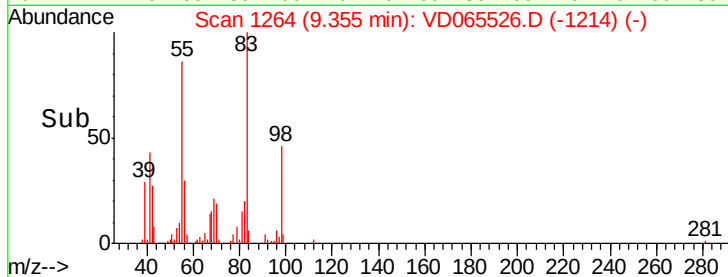
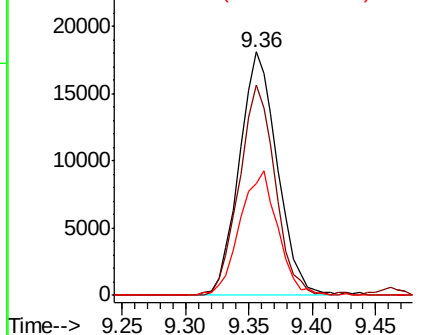


Abundance

Ion 83.00 (82.70 to 83.70): VDC

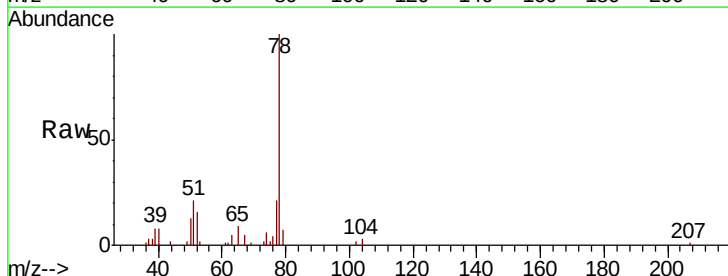
Ion 55.00 (54.70 to 55.70): VDC

Ion 98.00 (97.70 to 98.70): VDC



#40
Benzene
Concen: 5.136 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD065526.D
Acq: 26 Mar 2020 15:39

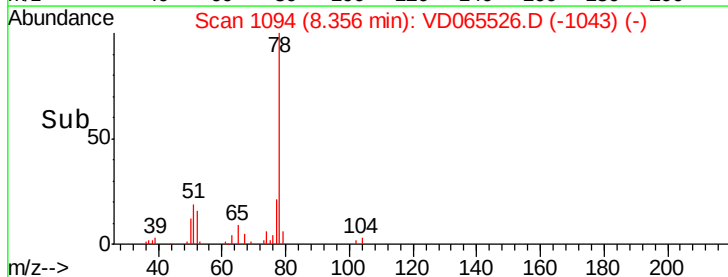
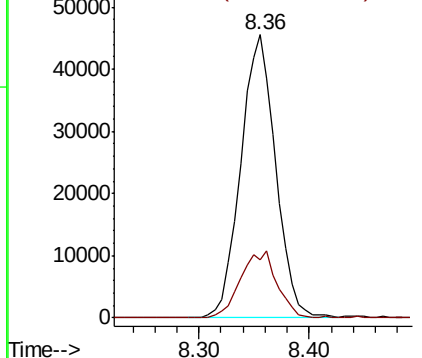
Tgt Ion	78	Resp	101191
Ion Ratio	100	Lower	Upper
78	100		
77	20.6	19.1	28.7

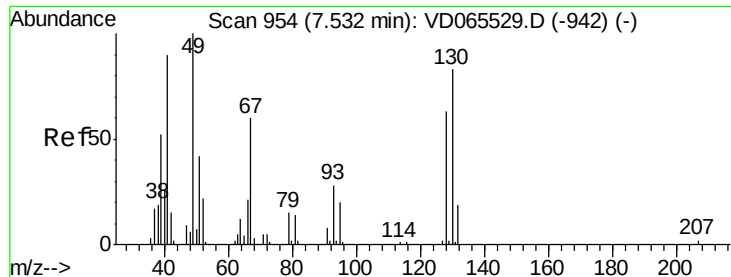


Abundance

Ion 78.00 (77.70 to 78.70): VDC

Ion 77.00 (76.70 to 77.70): VDC





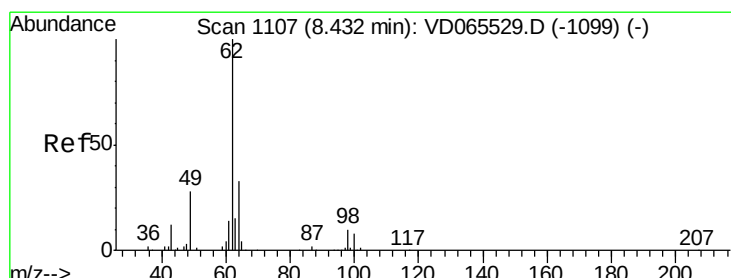
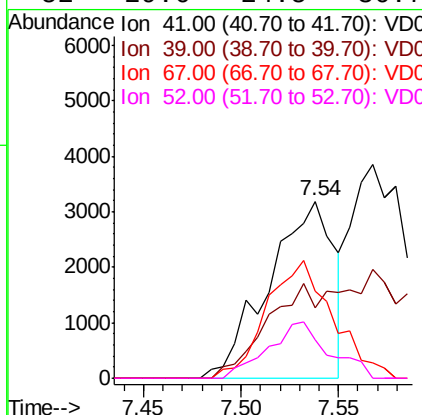
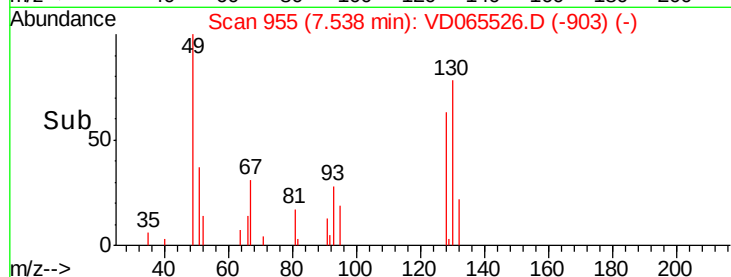
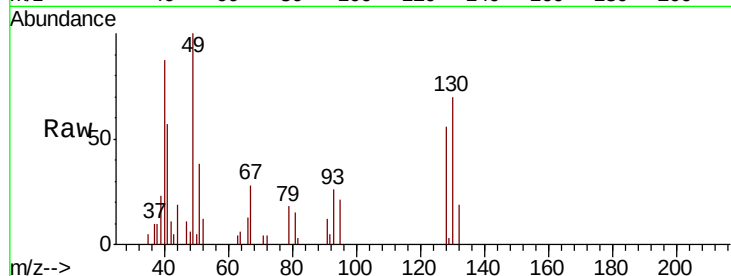
#41
Methacrylonitrile
Concen: 5.001 ug/l
RT: 7.54 min Scan# 955
Delta R.T. 0.01 min
Lab File: VD065526.D
Acq: 26 Mar 2020 15:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
41	100		
39	40.2	42.9	64.3#
67	67.3	60.5	90.7
52	29.6	24.5	36.7

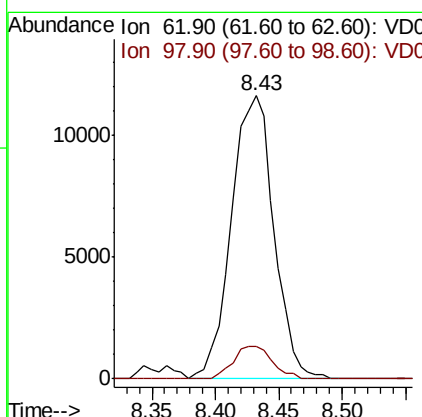
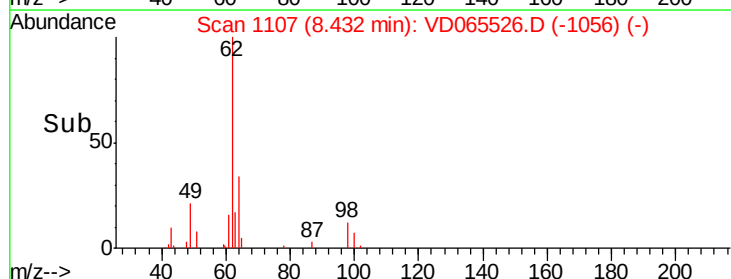
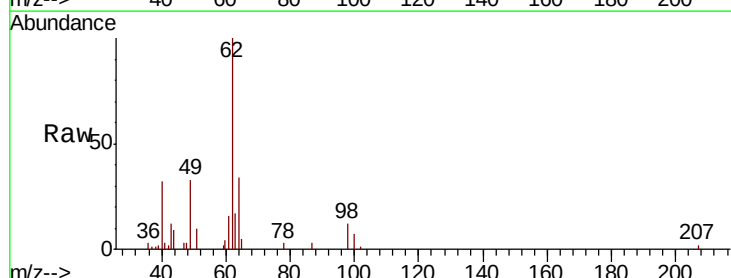
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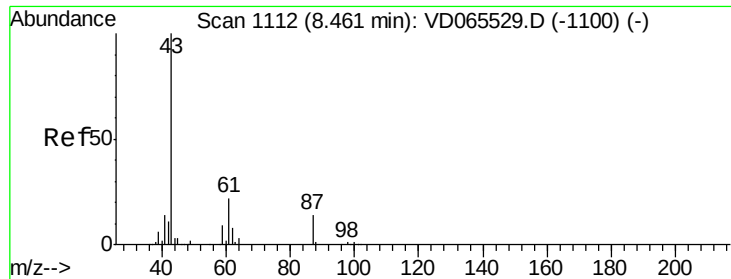
apatel
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#42
1,2-Dichloroethane
Concen: 5.222 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VD065526.D
Acq: 26 Mar 2020 15:39

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	21.8





#43

Isopropyl Acetate

Concen: 4.378 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VD065526.D

Acq: 26 Mar 2020 15:39

Instrument :

MSVOA_D

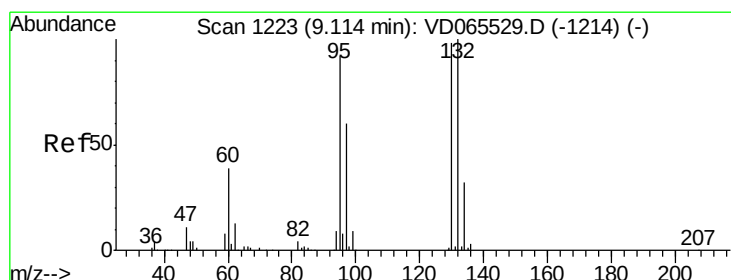
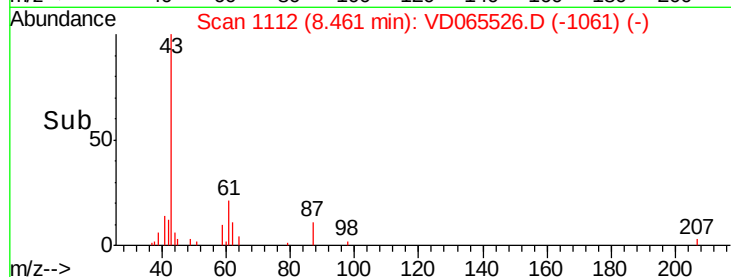
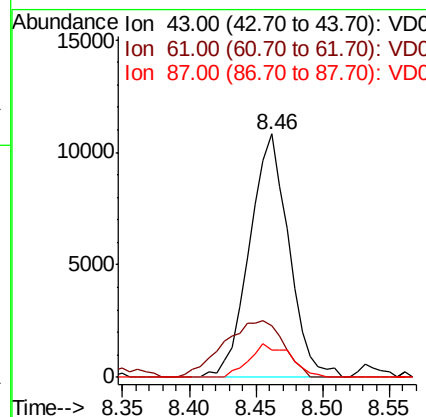
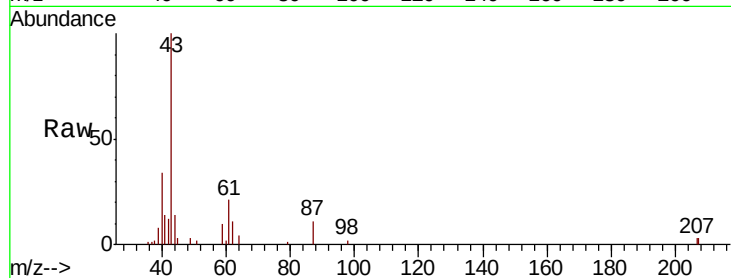
ClientSampleId :

VSTDIC005

Tot Ion:	43	Resp:	22044
Ion	Ratio	Lower	Upper
43	100		
61	35.6	25.0	37.4
87	14.6	11.0	16.4

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#44

Trichloroethene

Concen: 5.496 ug/l

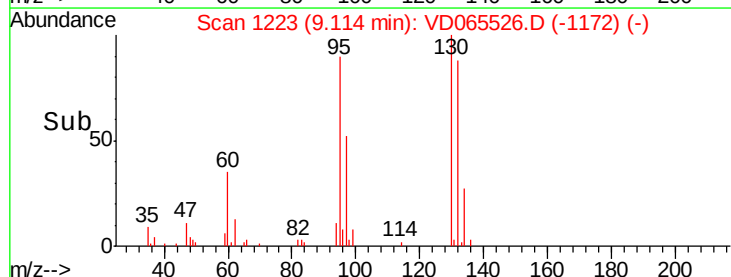
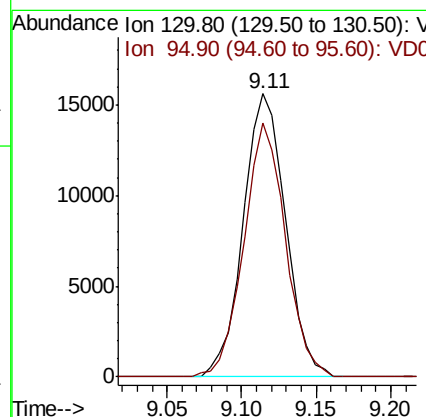
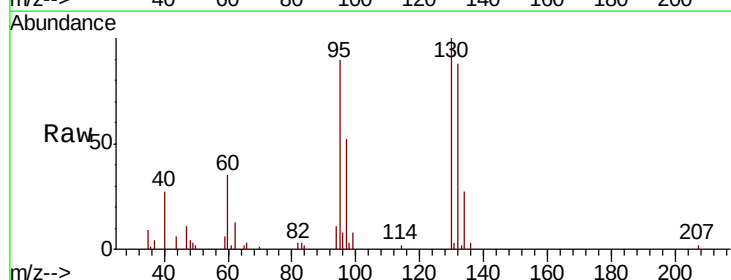
RT: 9.11 min Scan# 1223

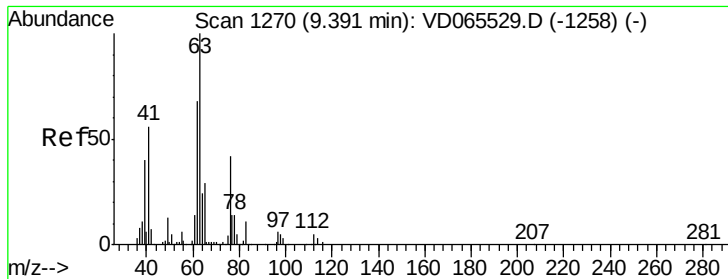
Delta R.T. -0.00 min

Lab File: VD065526.D

Acq: 26 Mar 2020 15:39

Tgt Ion:	130	Resp:	30658
Ion	Ratio	Lower	Upper
130	100		
95	89.6	0.0	187.0





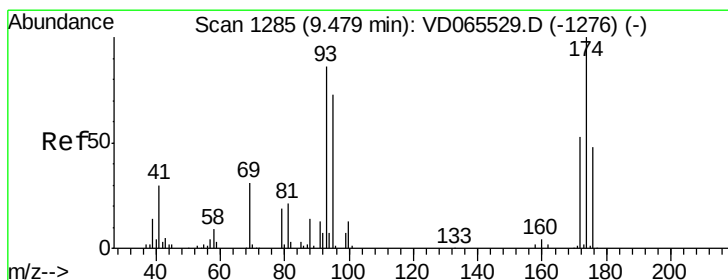
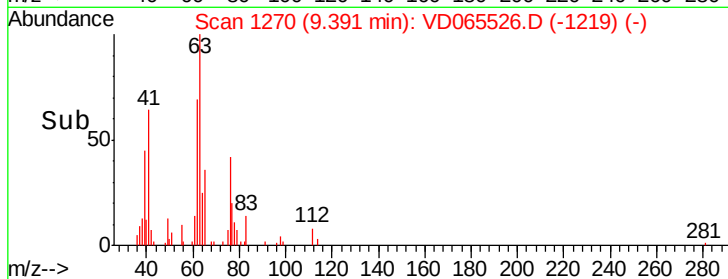
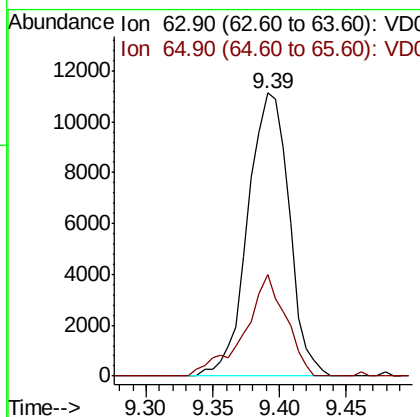
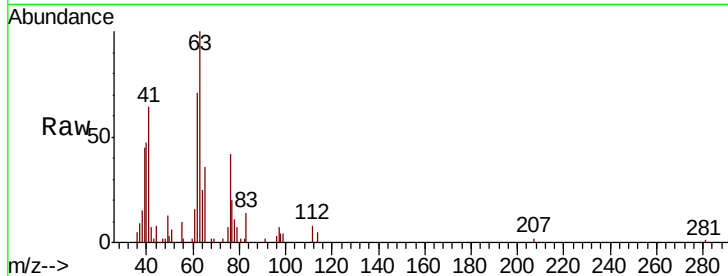
#45
 1,2-Dichloropropane
 Concen: 4.981 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD065526.D
 Acq: 26 Mar 2020 15:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tot Ion: 63 Resp: 23817
 Ion Ratio Lower Upper
 63 100
 65 35.8 23.5 35.3#

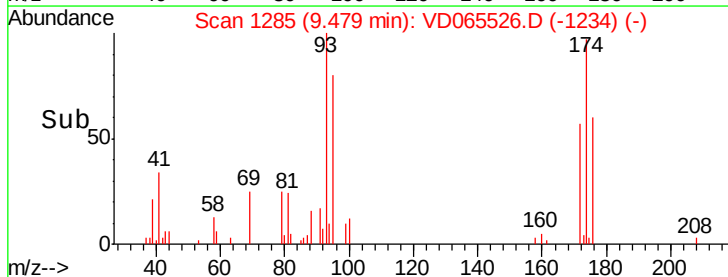
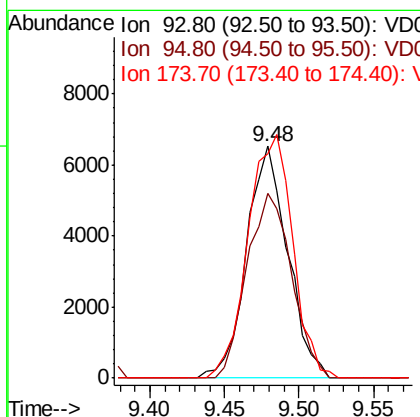
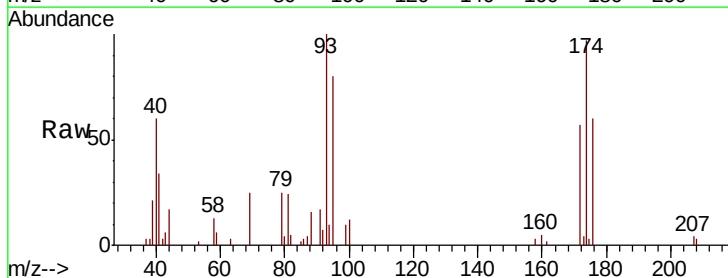
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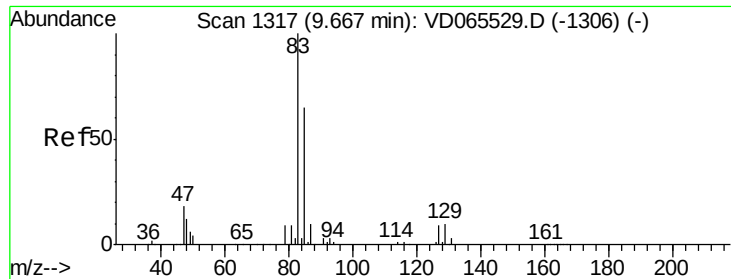
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#46
 Dibromomethane
 Concen: 5.009 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD065526.D
 Acq: 26 Mar 2020 15:39

Tgt Ion: 93 Resp: 12441
 Ion Ratio Lower Upper
 93 100
 95 86.8 67.3 100.9
 174 113.9 92.5 138.7





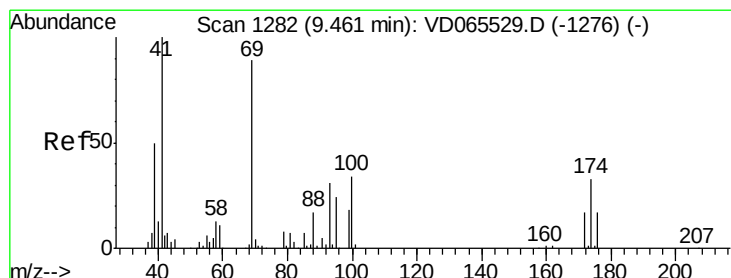
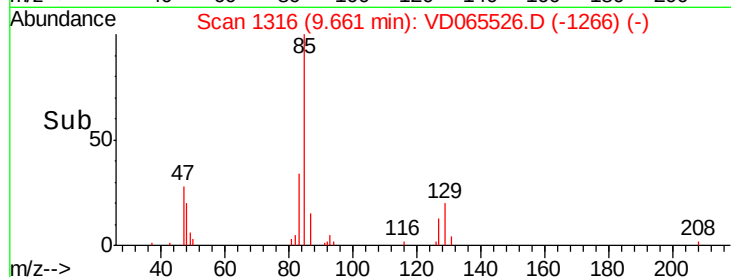
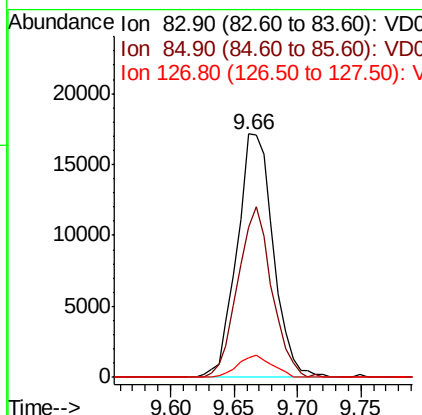
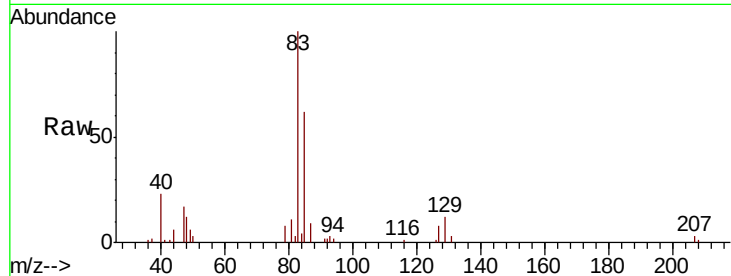
#47
Bromodichloromethane
Concen: 5.286 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VD065526.D
Acq: 26 Mar 2020 15:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion	83	Resp	34168
Ion Ratio	100	Lower	Upper
83	100		
85	61.8	52.2	78.2
127	8.2	7.1	10.7

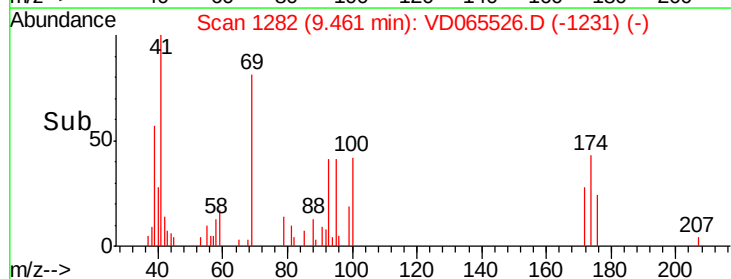
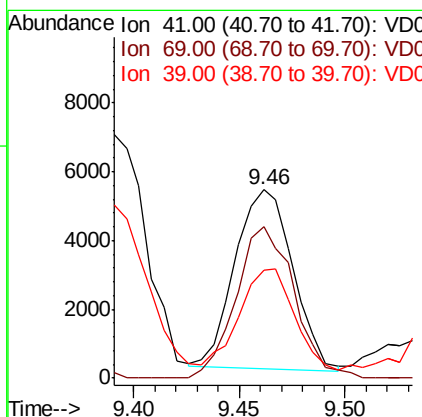
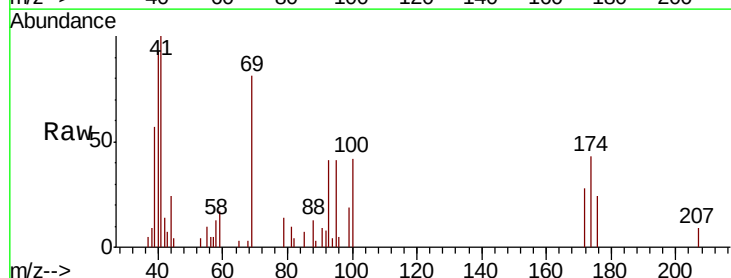
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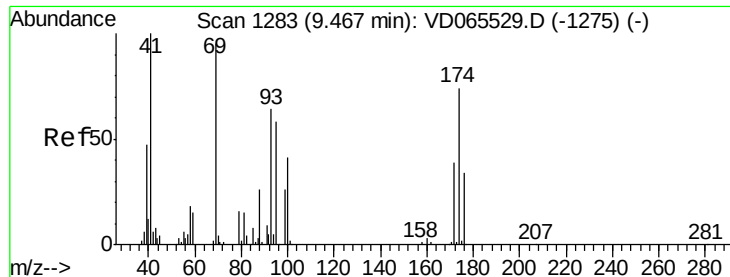
apatel
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#48
Methyl methacrylate
Concen: 4.134 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VD065526.D
Acq: 26 Mar 2020 15:39

Tgt Ion	41	Resp	9829
Ion Ratio	100	Lower	Upper
41	100		
69	85.5	71.8	107.6
39	53.6	42.2	63.4





#49

1,4-Dioxane

Concen: 73.678 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.01 min

Lab File: VD065526.D

Acq: 26 Mar 2020 15:39

Instrument :

MSVOA_D

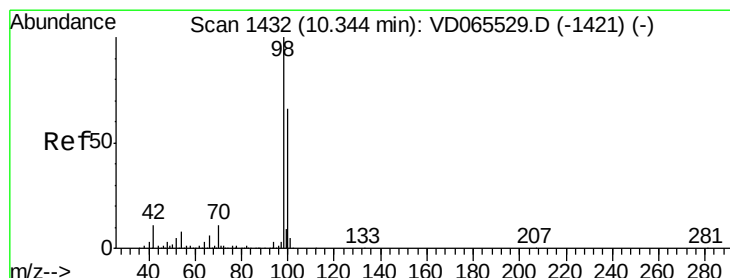
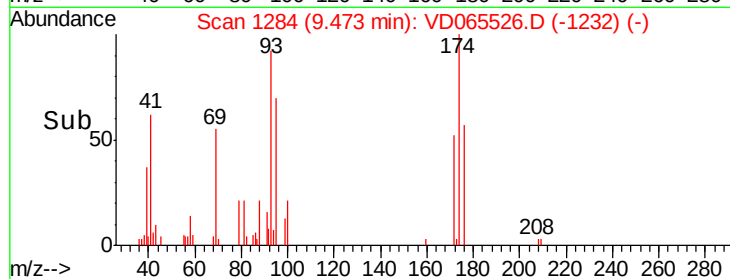
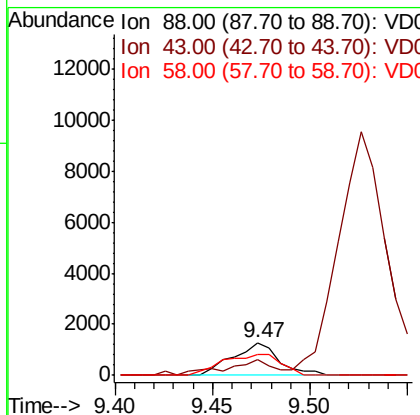
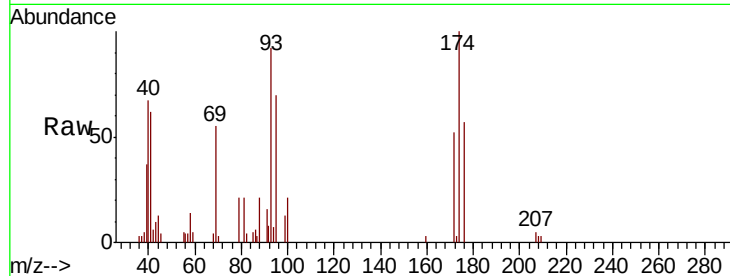
ClientSampleId :

VSTDIC005

Tot Ion	88	Resp	2107
Ion	Ratio	Lower	Upper
88	100		
43	49.5	26.0	39.0#
58	81.6	54.6	82.0

Manual Integrations
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#50

Toluene-d8

Concen: 4.944 ug/l

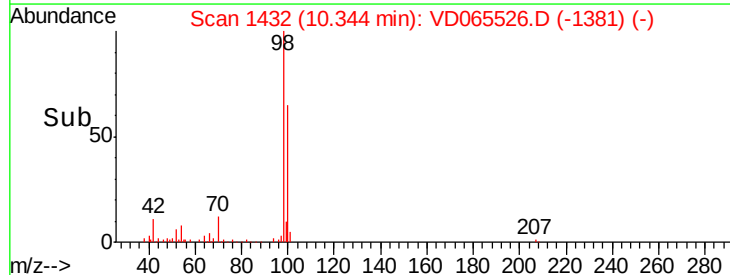
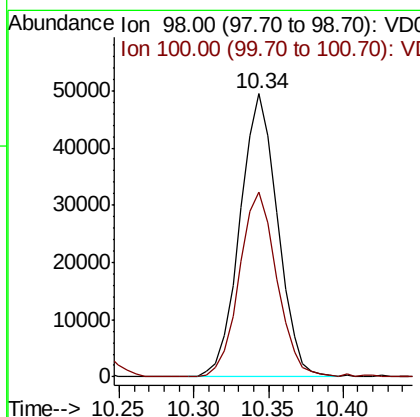
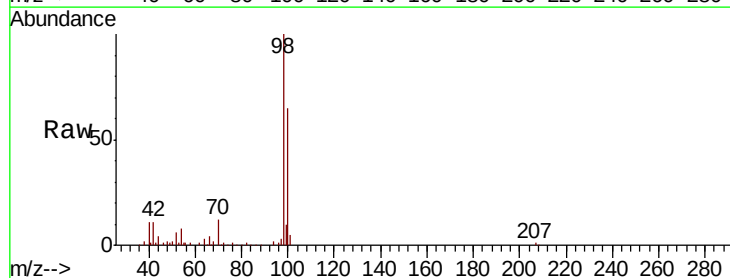
RT: 10.34 min Scan# 1432

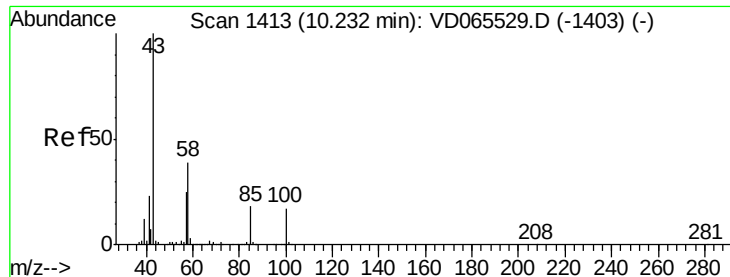
Delta R.T. -0.00 min

Lab File: VD065526.D

Acq: 26 Mar 2020 15:39

Tgt Ion	98	Resp	86613
Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.2





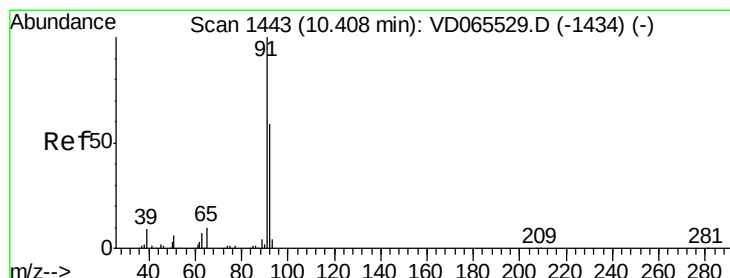
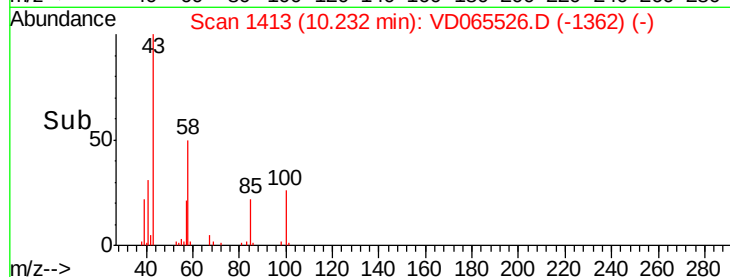
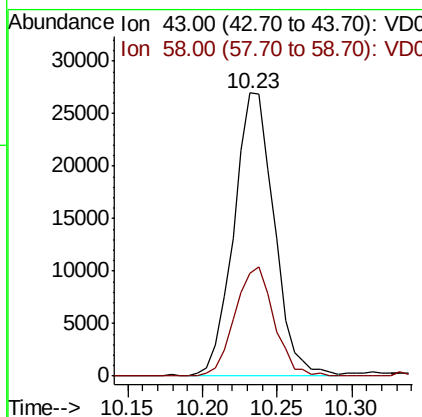
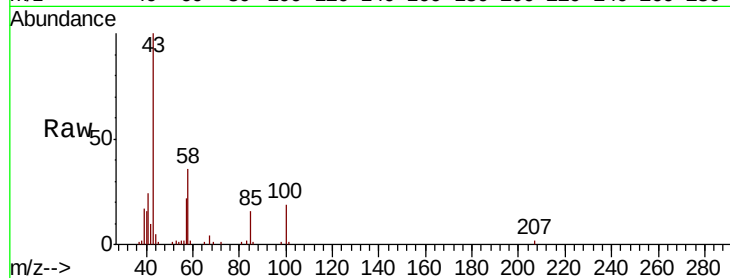
#51
4-Methyl-2-Pentanone
Concen: 19.932 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.00 min
Lab File: VD065526.D
Acq: 26 Mar 2020 15:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion	43	Resp	50675
Ion	Ratio	Lower	Upper
43	100		
58	37.5	31.4	47.2

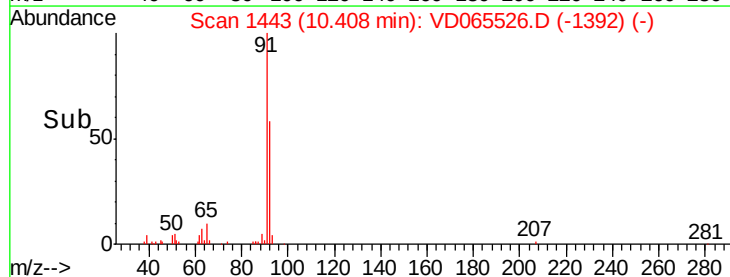
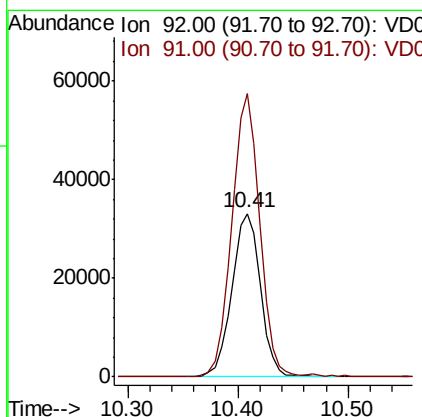
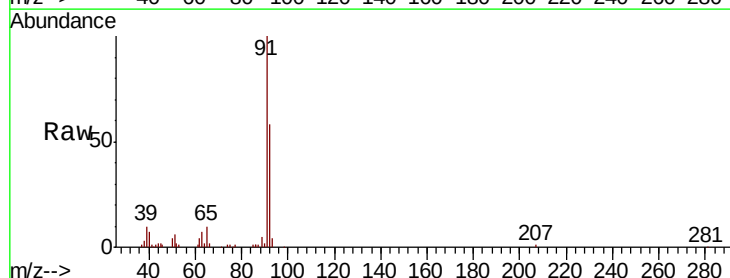
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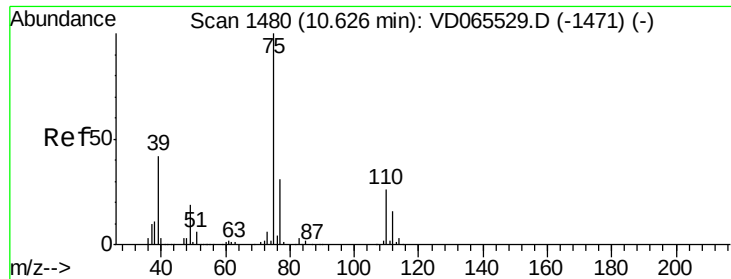
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#52
Toluene
Concen: 4.853 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. -0.00 min
Lab File: VD065526.D
Acq: 26 Mar 2020 15:39

Tgt Ion	92	Resp	60340
Ion	Ratio	Lower	Upper
92	100		
91	168.1	137.3	205.9





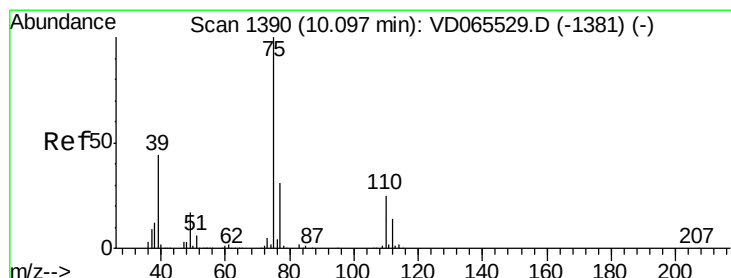
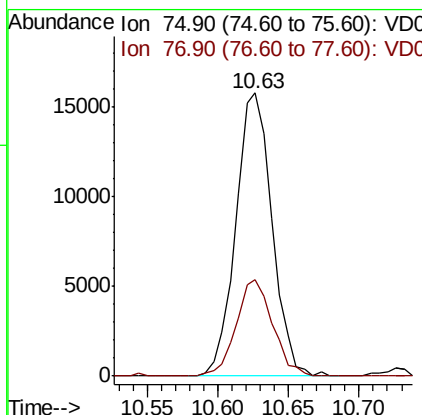
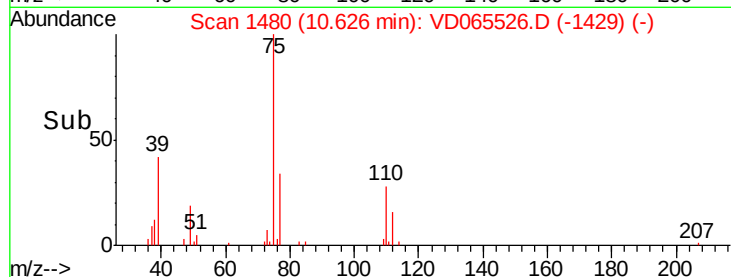
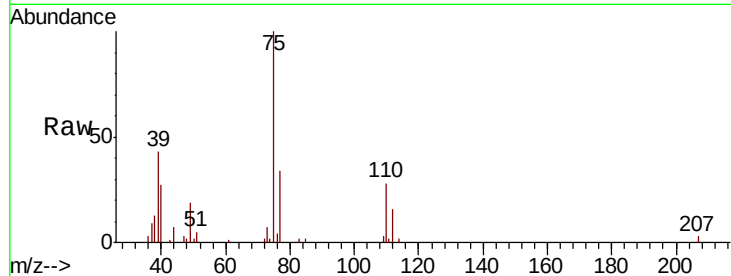
#53
t-1,3-Dichloropropene
Concen: 4.674 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VD065526.D
Acq: 26 Mar 2020 15:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion: 75 Resp: 28261
Ion Ratio Lower Upper
75 100
77 34.0 25.2 37.8

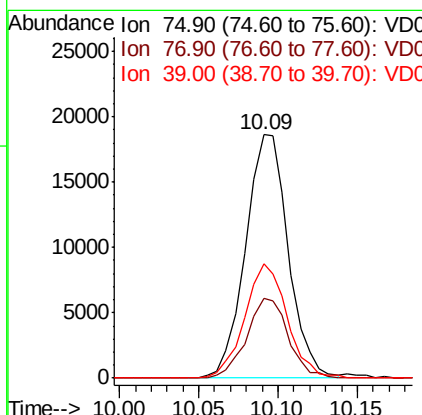
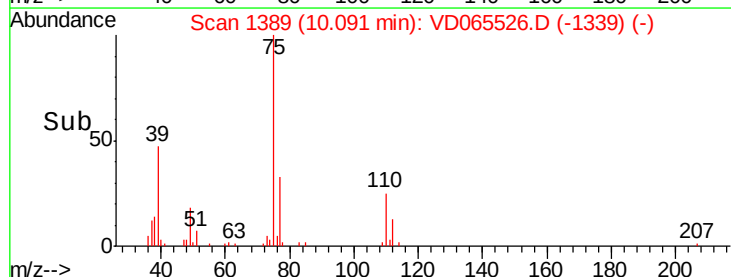
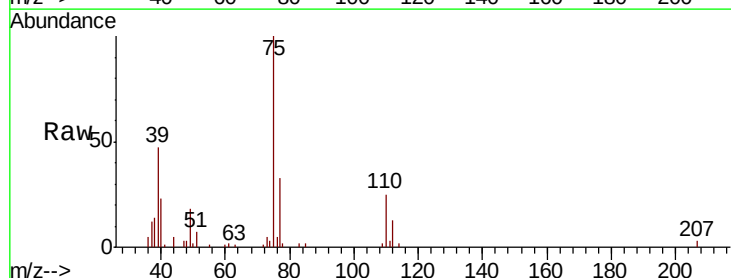
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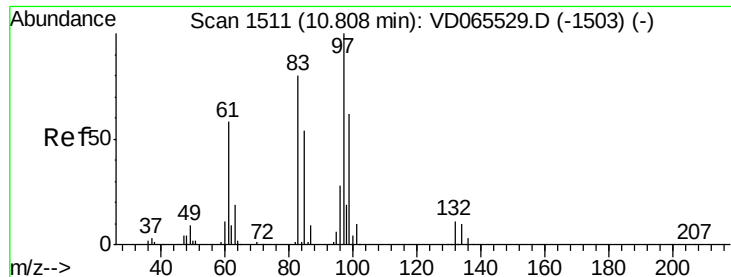
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#54
cis-1,3-Dichloropropene
Concen: 4.769 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. -0.01 min
Lab File: VD065526.D
Acq: 26 Mar 2020 15:39

Tgt Ion: 75 Resp: 34873
Ion Ratio Lower Upper
75 100
77 32.8 24.6 36.8
39 46.9 35.4 53.2





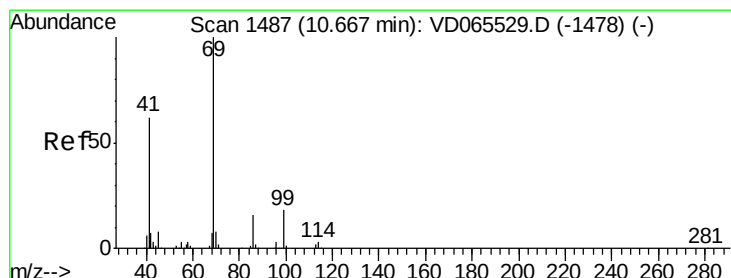
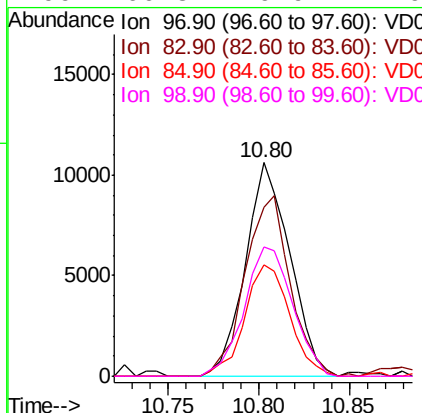
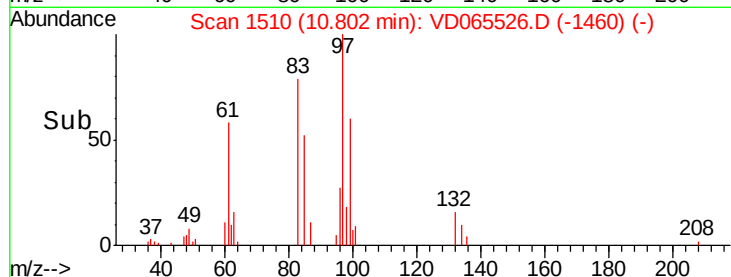
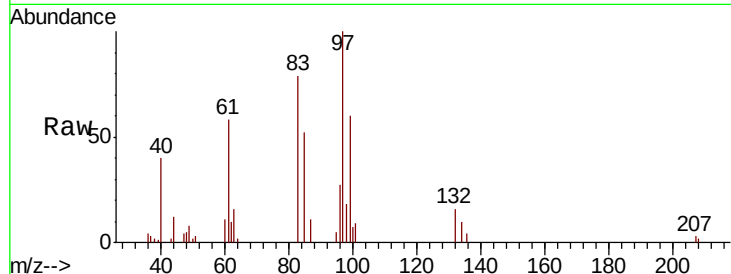
#55
 1,1,2-Trichloroethane
 Concen: 5.115 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.01 min
 Lab File: VD065526.D
 Acq: 26 Mar 2020 15:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tot Ion:	97	Resp:	18093
Ion	Ratio	Lower	Upper
97	100		
83	79.3	63.8	95.6
85	52.3	42.9	64.3
99	60.3	49.9	74.9

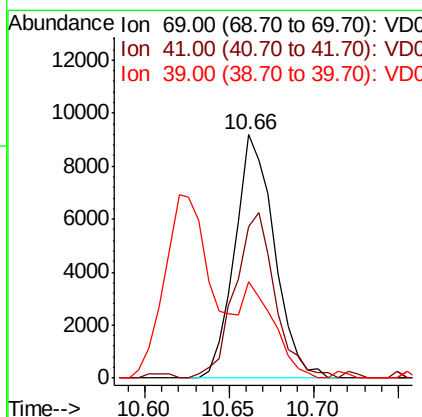
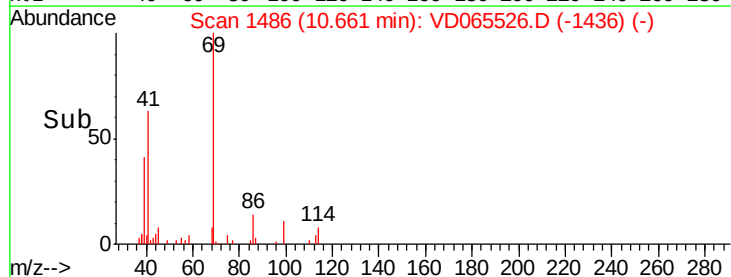
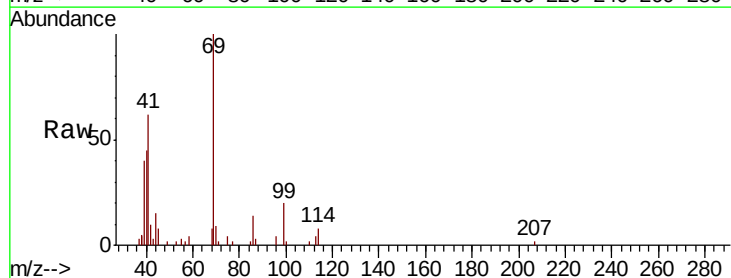
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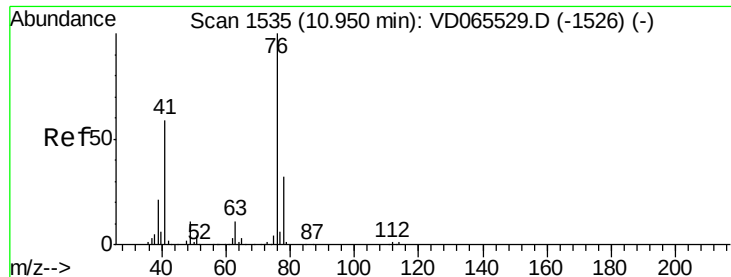
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#56
 Ethyl methacrylate
 Concen: 3.748 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD065526.D
 Acq: 26 Mar 2020 15:39

Tgt Ion:	69	Resp:	14929
Ion	Ratio	Lower	Upper
69	100		
41	69.7	51.3	76.9
39	29.5	25.3	37.9





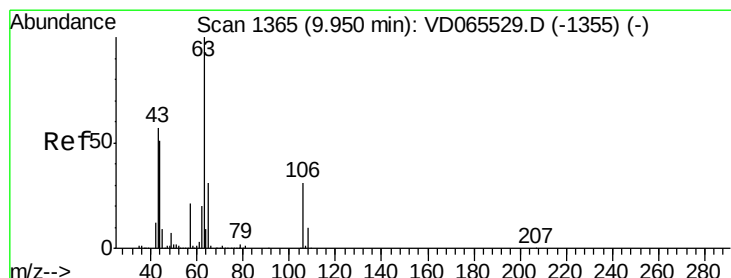
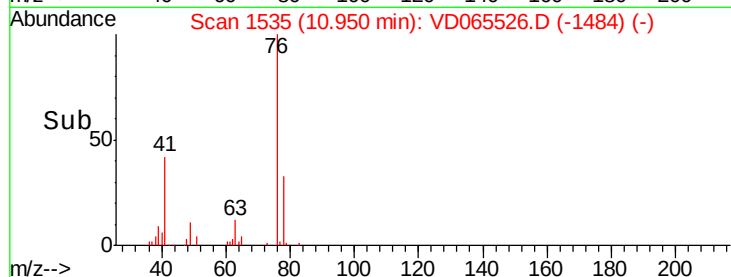
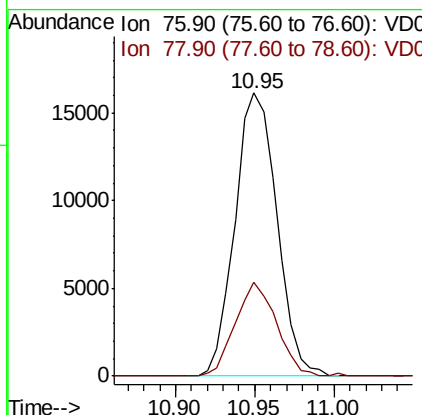
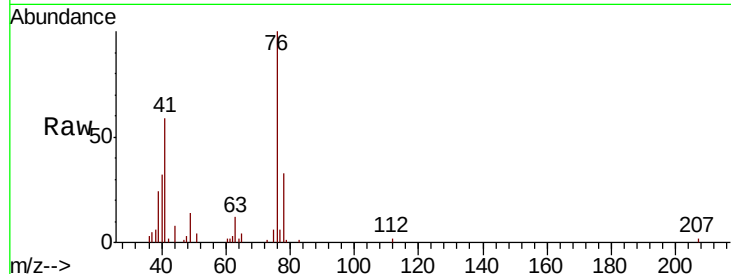
#57
 1,3-Dichloropropane
 Concen: 4.965 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD065526.D
 Acq: 26 Mar 2020 15:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.7	38.5

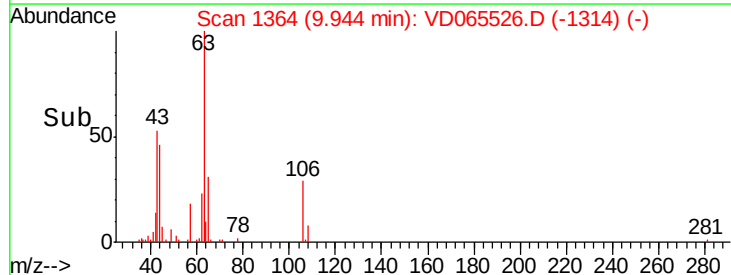
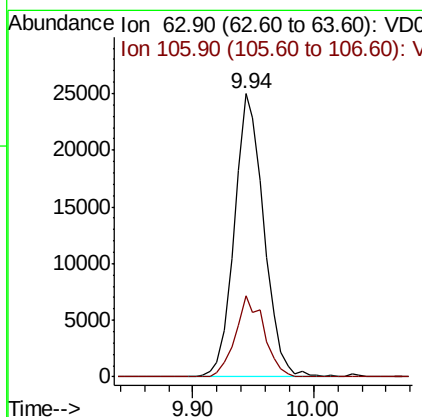
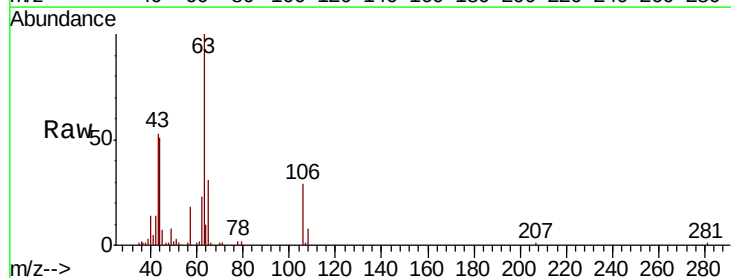
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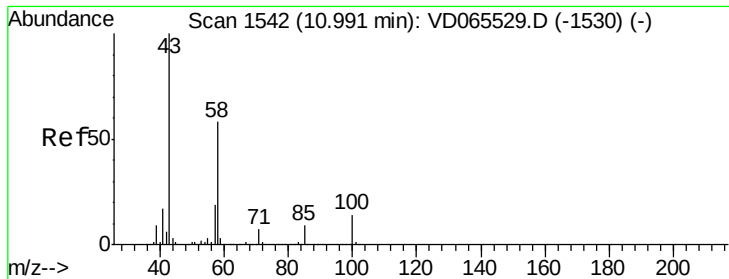
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#58
 2-Chloroethyl Vinyl ether
 Concen: 29.153 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VD065526.D
 Acq: 26 Mar 2020 15:39

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.8	24.3	36.5





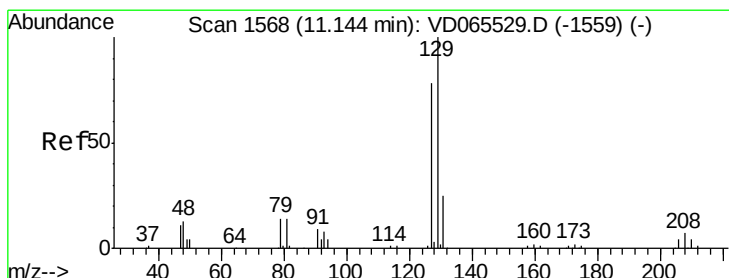
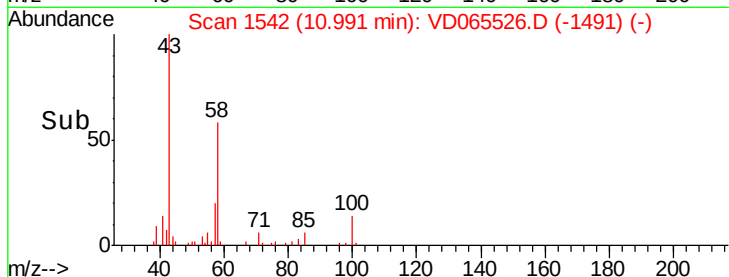
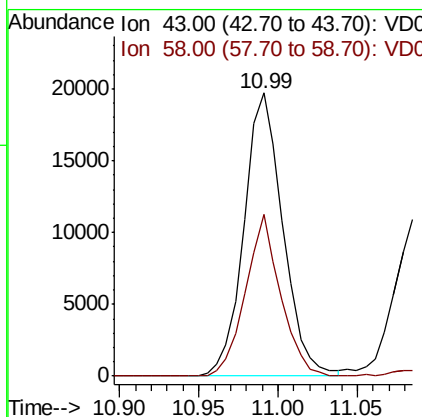
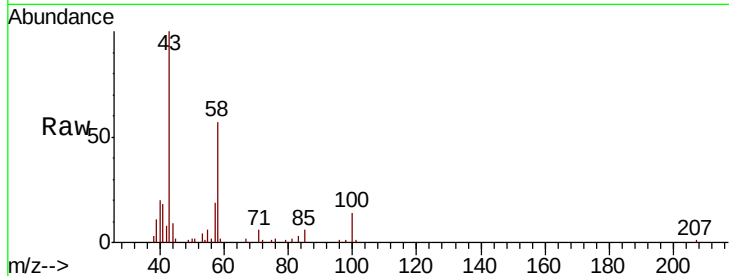
#59
2-Hexanone
Concen: 19.151 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD065526.D
Acq: 26 Mar 2020 15:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 33609
Ion Ratio Lower Upper
43 100
58 51.1 27.9 83.7

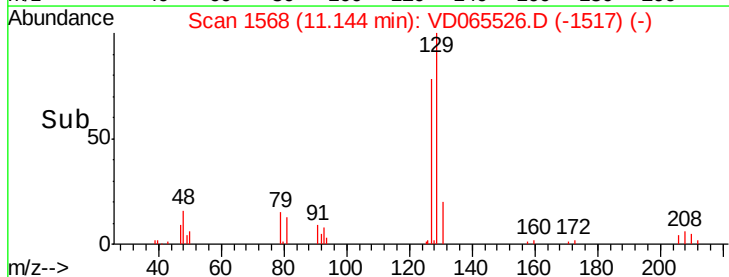
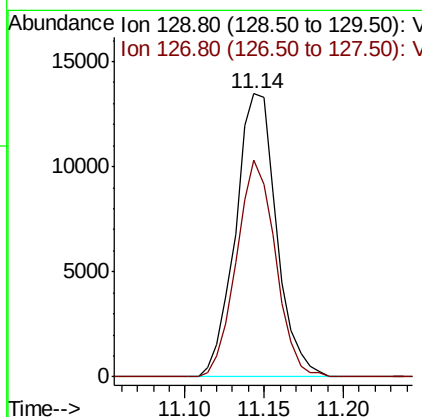
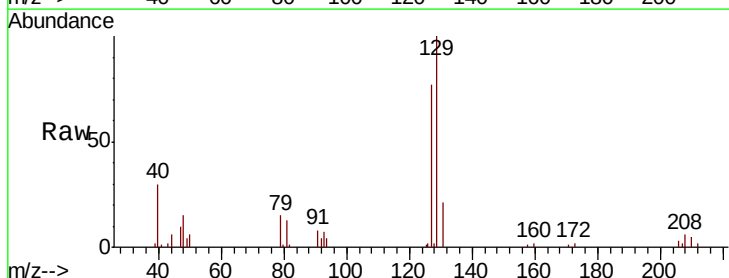
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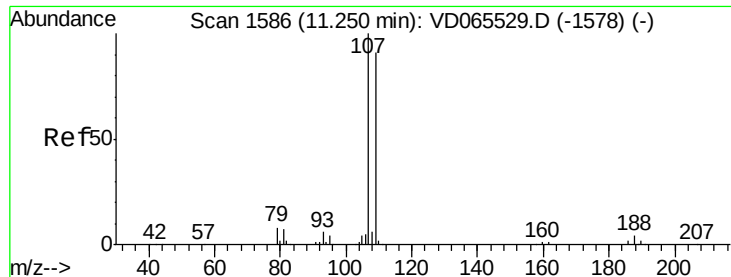
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#60
Dibromochloromethane
Concen: 5.330 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065526.D
Acq: 26 Mar 2020 15:39

Tgt Ion: 129 Resp: 24217
Ion Ratio Lower Upper
129 100
127 72.9 38.9 116.6





#61

1,2-Dibromoethane

Concen: 5.188 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VD065526.D

Acq: 26 Mar 2020 15:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tot Ion: 107 Resp: 17570

Ion Ratio Lower Upper

107 100

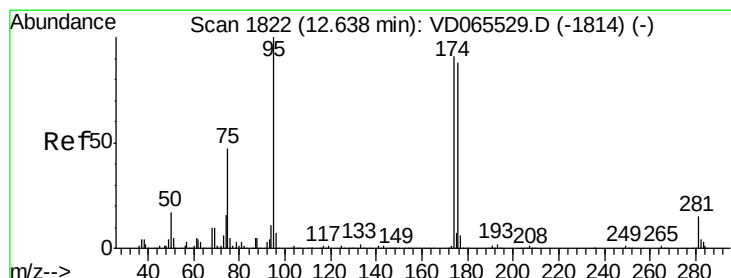
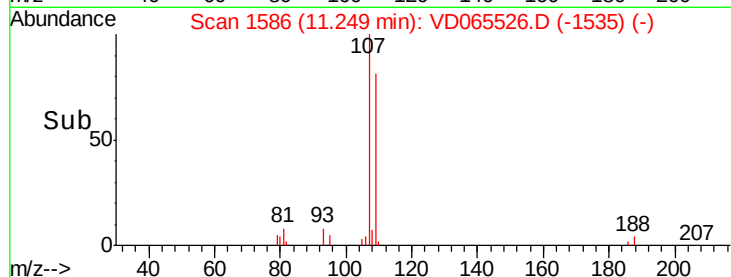
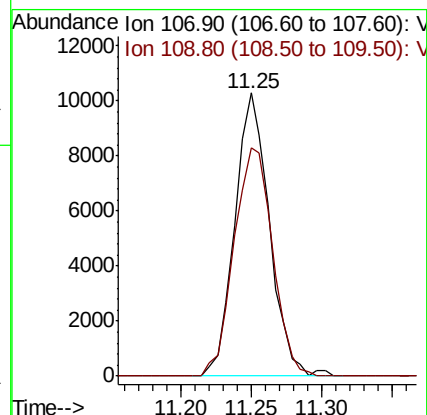
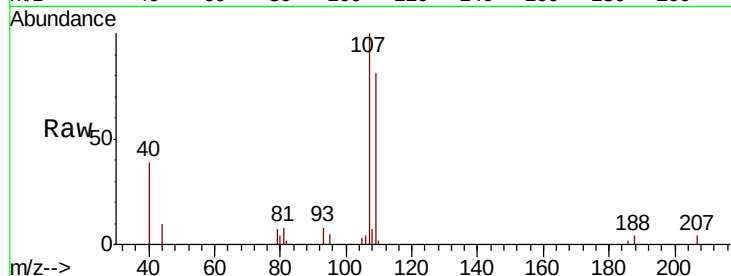
109 90.1 74.9 112.3

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#62

4-Bromofluorobenzene

Concen: 4.870 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065526.D

Acq: 26 Mar 2020 15:39

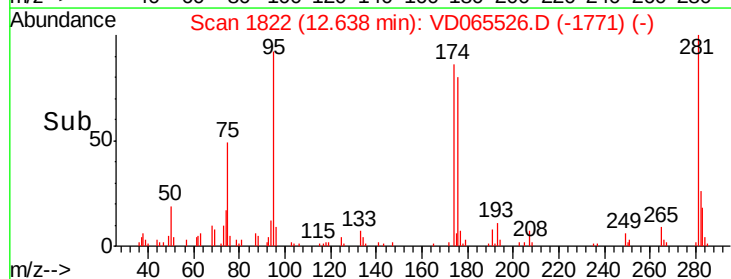
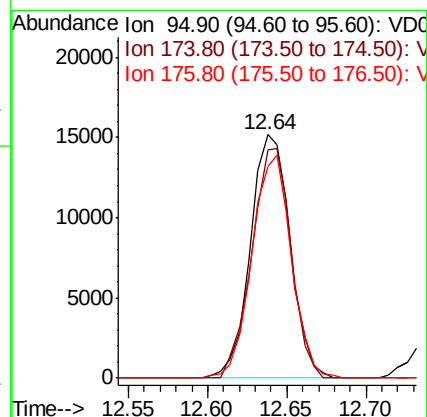
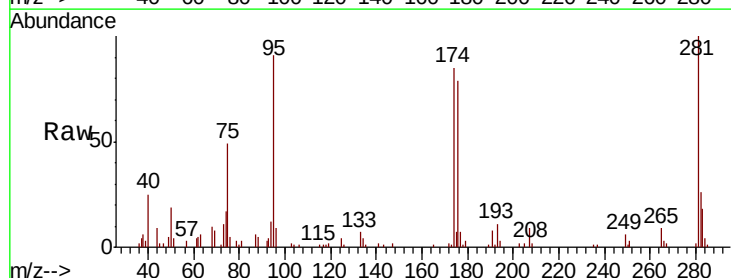
Tgt Ion: 95 Resp: 26424

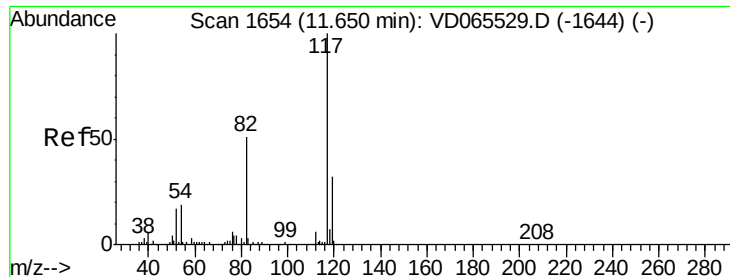
Ion Ratio Lower Upper

95 100

174 93.3 0.0 183.8

176 91.0 0.0 178.2





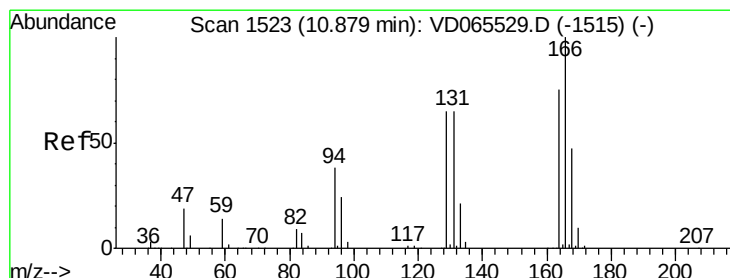
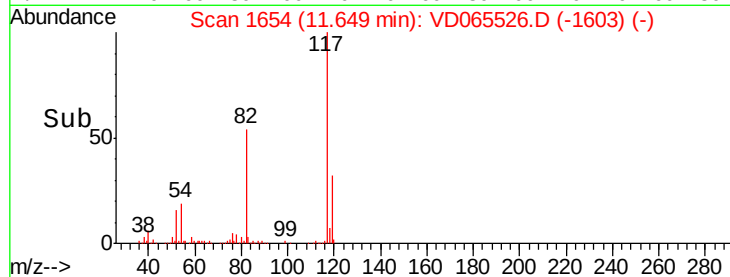
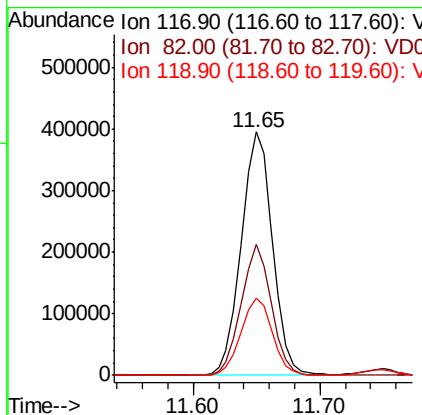
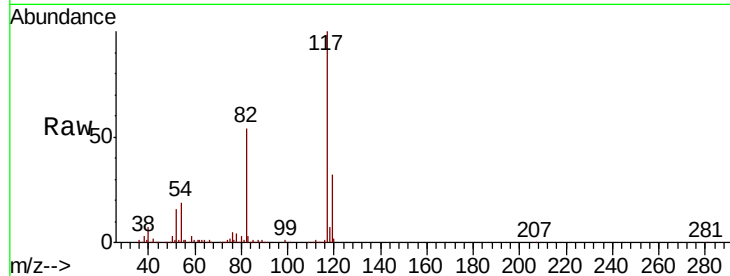
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065526.D
Acq: 26 Mar 2020 15:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	41.0	61.6
119	31.7	25.5	38.3

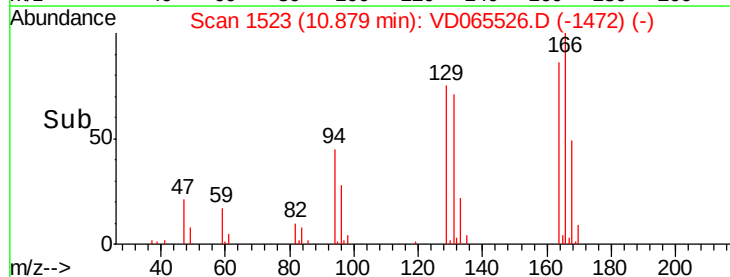
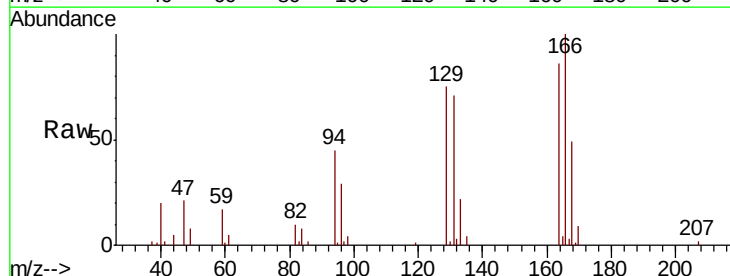
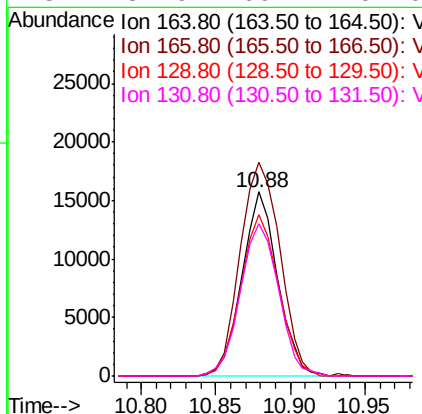
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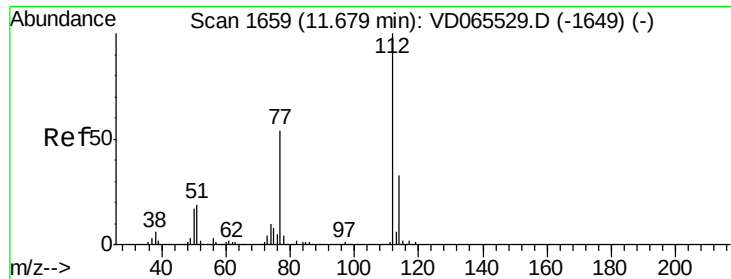
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#64
Tetrachloroethene
Concen: 5.399 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065526.D
Acq: 26 Mar 2020 15:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	116.1	107.1	160.7
129	87.5	69.2	103.8
131	82.9	69.4	104.0





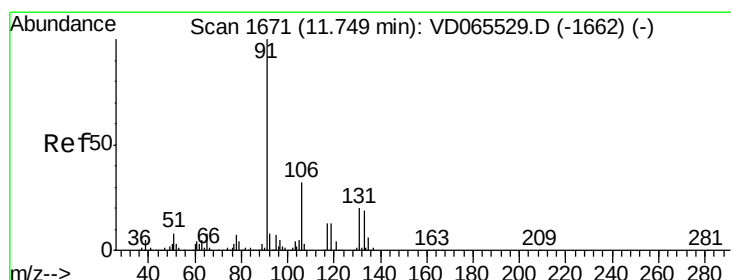
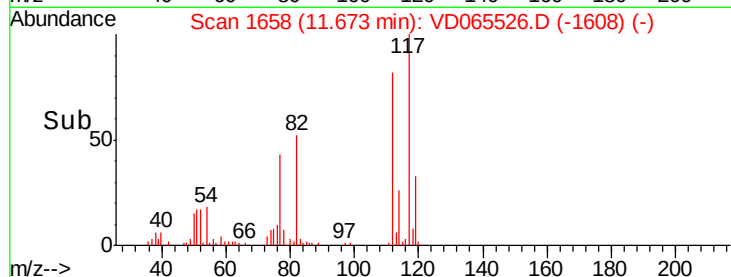
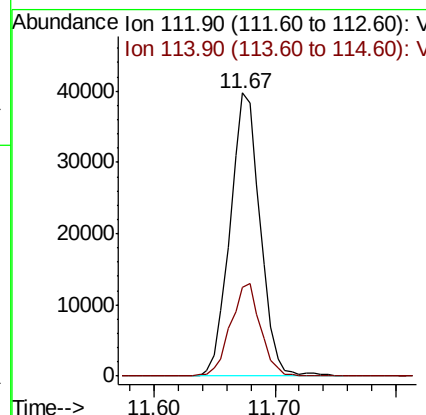
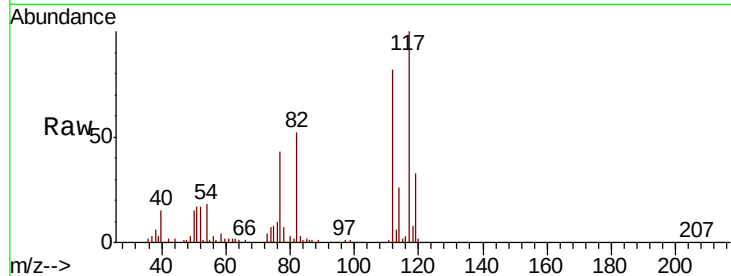
#65
Chlorobenzene
Concen: 5.166 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD065526.D
Acq: 26 Mar 2020 15:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion:112 Resp: 68622
Ion Ratio Lower Upper
112 100
114 31.4 26.0 39.0

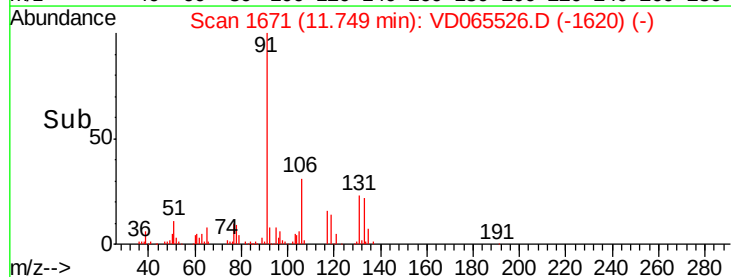
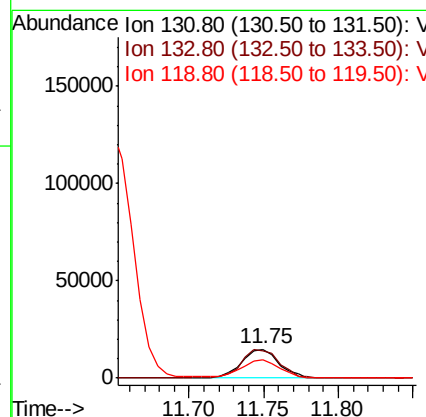
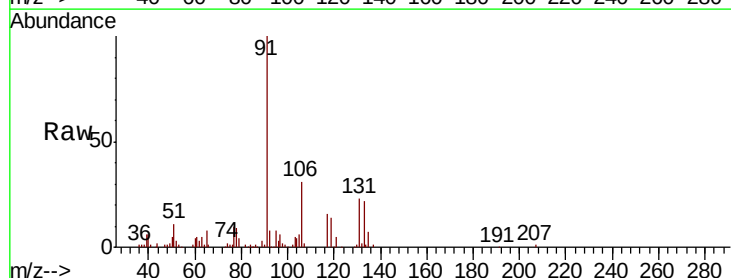
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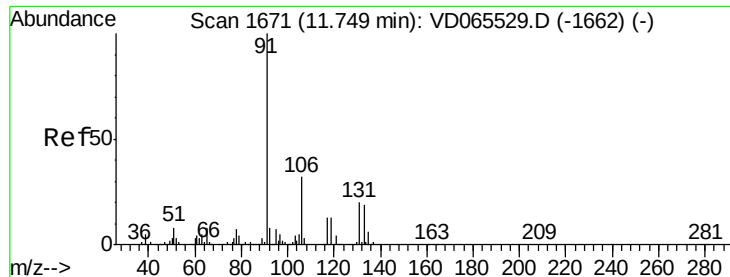
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#66
1,1,1,2-Tetrachloroethane
Concen: 5.327 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065526.D
Acq: 26 Mar 2020 15:39

Tgt Ion:131 Resp: 25914
Ion Ratio Lower Upper
131 100
133 99.3 48.9 146.7
119 65.9 32.5 97.4





#67

Ethyl Benzene

Concen: 4.660 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065526.D

Acq: 26 Mar 2020 15:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 106554

Ion Ratio Lower Upper

91 100

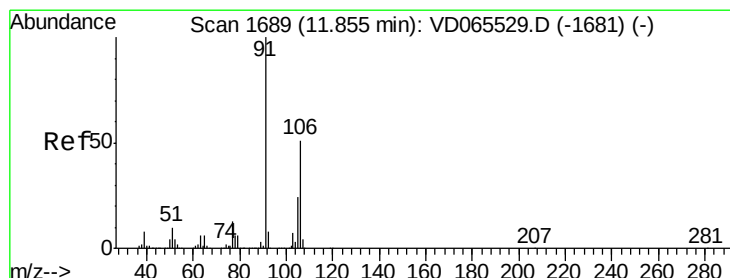
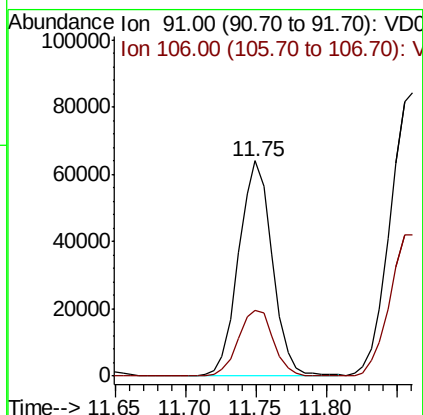
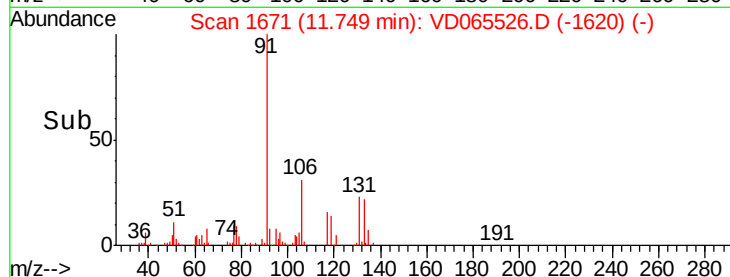
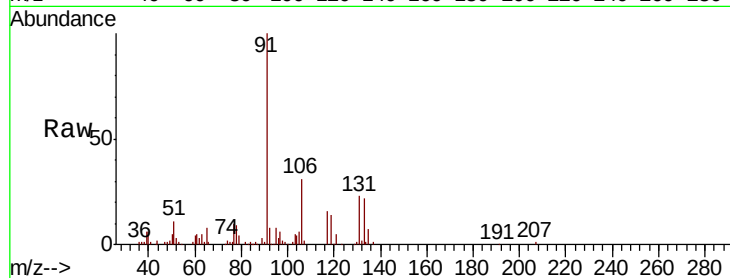
106 30.7 25.4 38.0

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#68

m/p-Xylenes

Concen: 9.224 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. 0.01 min

Lab File: VD065526.D

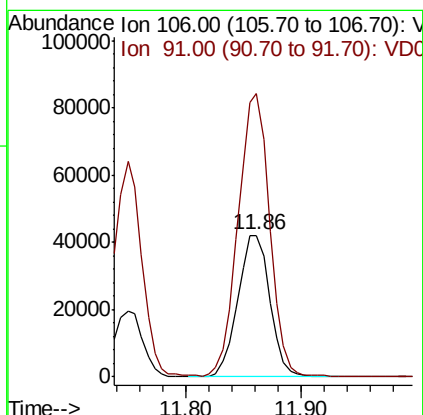
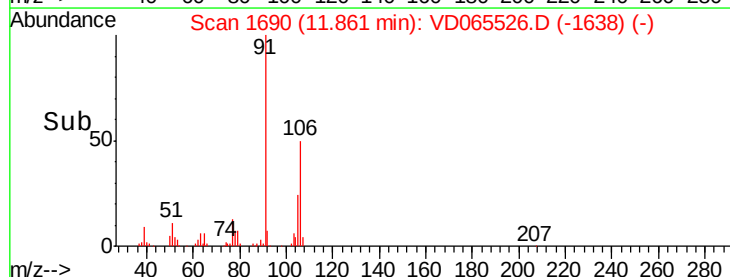
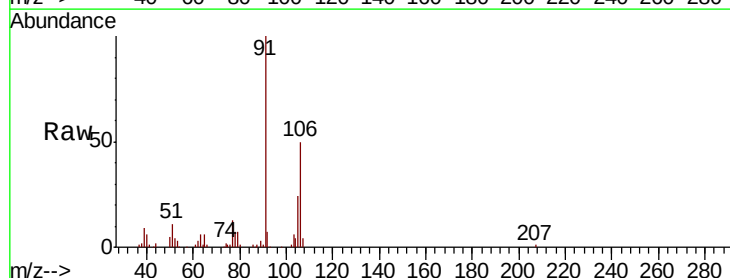
Acq: 26 Mar 2020 15:39

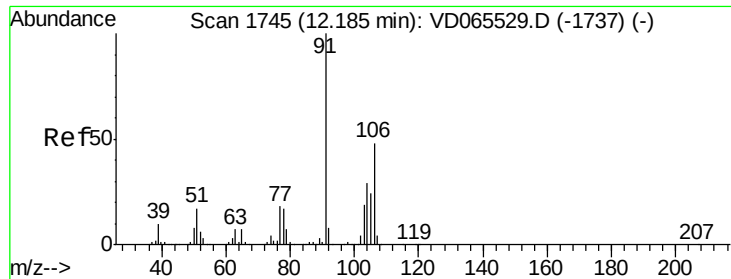
Tgt Ion: 106 Resp: 81407

Ion Ratio Lower Upper

106 100

91 197.0 155.4 233.0





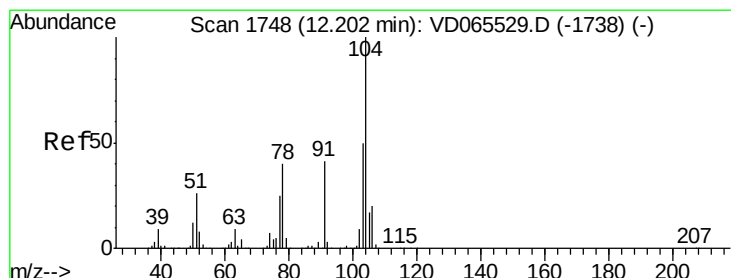
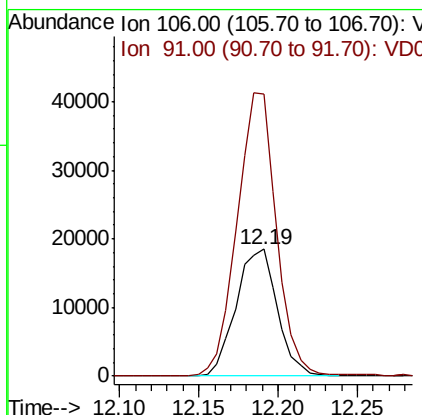
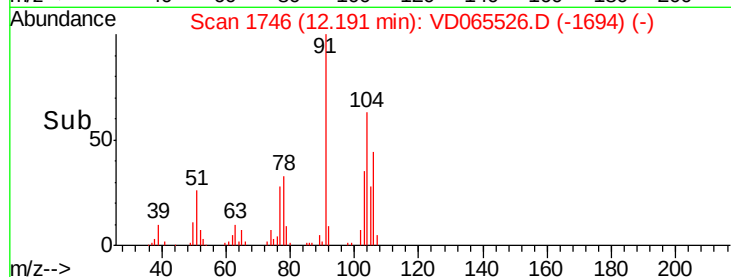
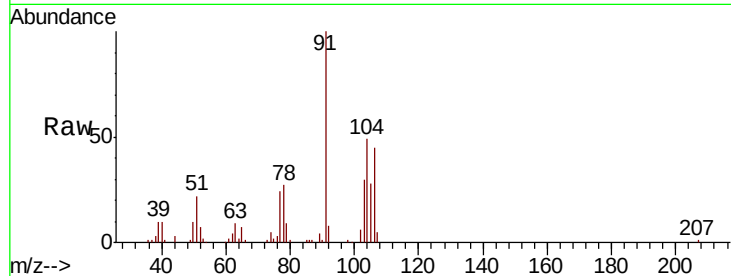
#69
o-Xylene
Concen: 4.305 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. 0.01 min
Lab File: VD065526.D
Acq: 26 Mar 2020 15:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion:106 Resp: 33438
Ion Ratio Lower Upper
106 100
91 212.2 102.8 308.4

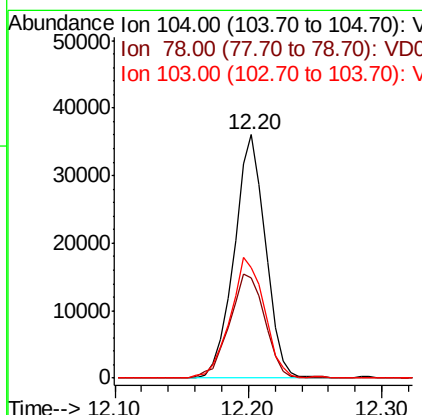
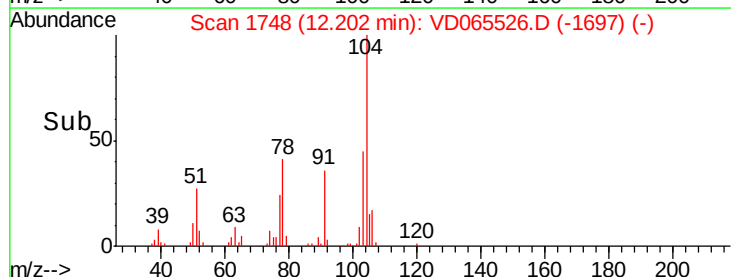
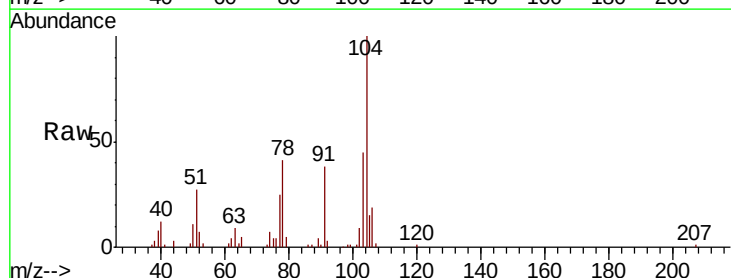
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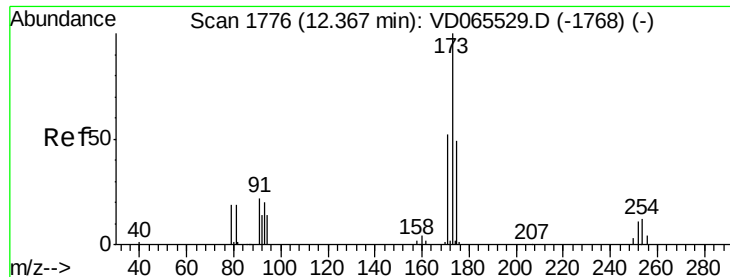
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#70
Styrene
Concen: 4.266 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD065526.D
Acq: 26 Mar 2020 15:39

Tgt Ion:104 Resp: 58513
Ion Ratio Lower Upper
104 100
78 48.5 36.6 55.0
103 53.7 43.8 65.6





#71

Bromoform

Concen: 4.941 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD065526.D

Acq: 26 Mar 2020 15:39

Instrument :

MSVOA_D

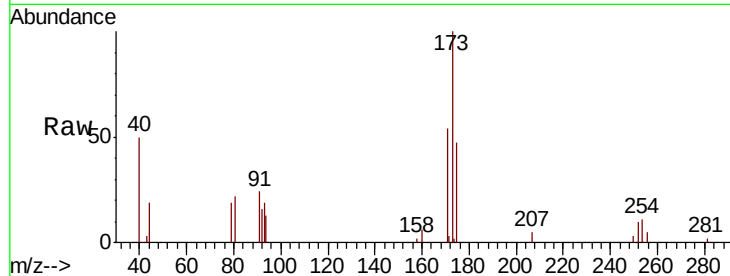
ClientSampleId :

VSTDIC005

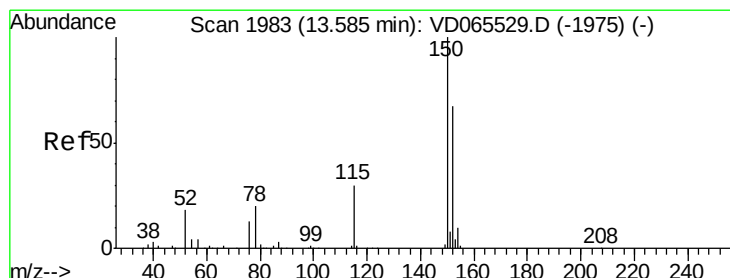
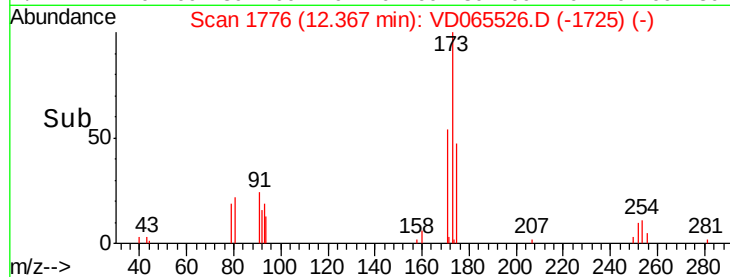
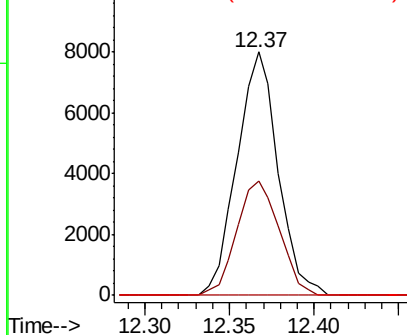
Tot Ion:	173	Resp:	13532
Ion Ratio	Lower	Upper	
173	100		
175	48.6	24.3	72.8
254	0.0	0.0	0.0

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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

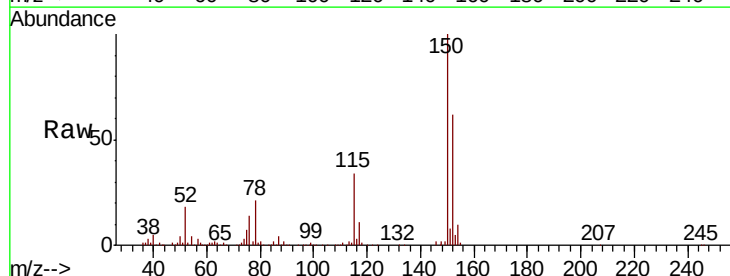
RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

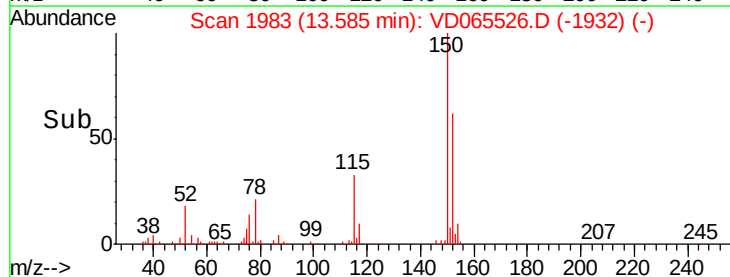
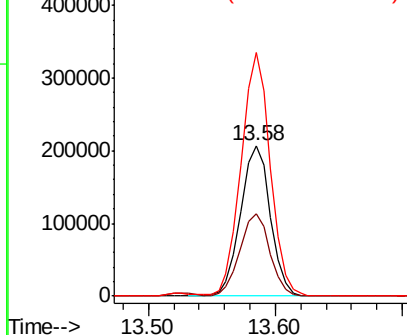
Lab File: VD065526.D

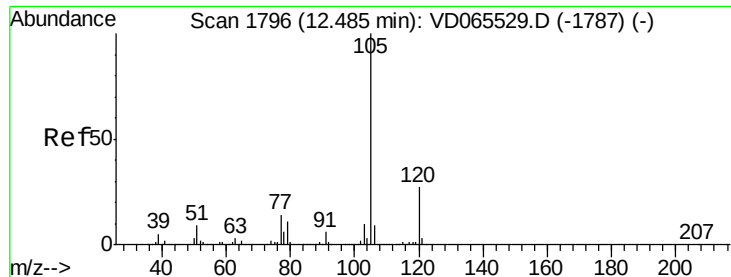
Acq: 26 Mar 2020 15:39

Tgt Ion:	152	Resp:	337339
Ion Ratio	Lower	Upper	
152	100		
115	55.0	27.2	81.6
150	158.6	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: 4.299 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065526.D

Acq: 26 Mar 2020 15:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tot Ion: 105 Resp: 93443

Ion Ratio Lower Upper

105 100

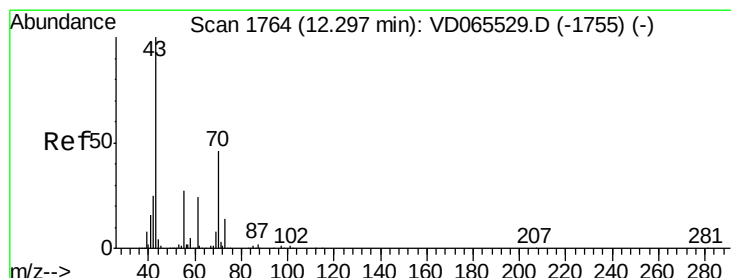
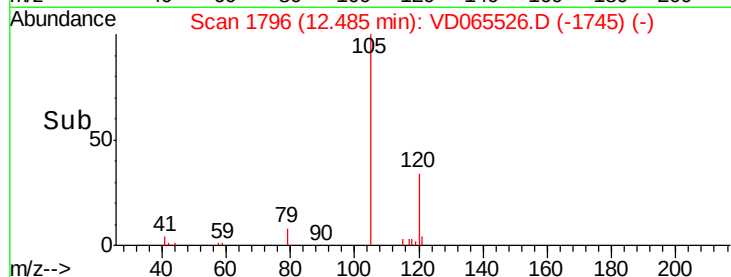
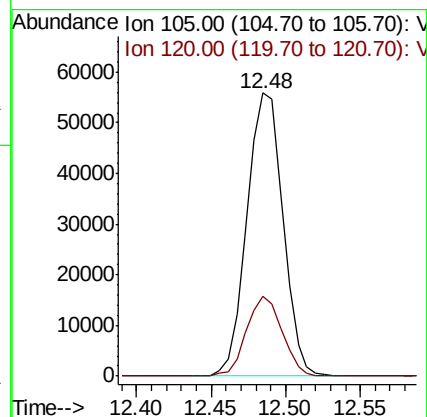
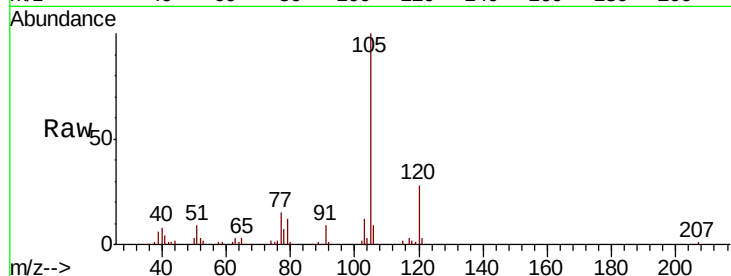
120 27.6 13.7 41.0

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#74

N-ethyl acetate

Concen: 3.934 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD065526.D

Acq: 26 Mar 2020 15:39

Tgt Ion: 43 Resp: 17525

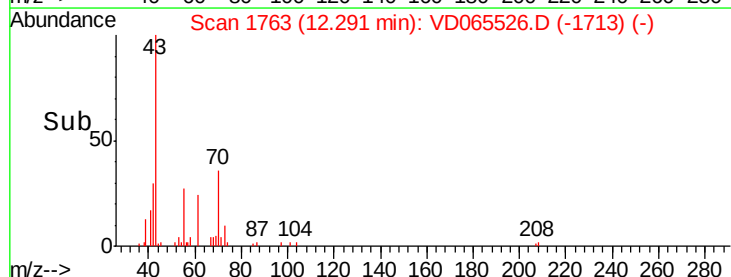
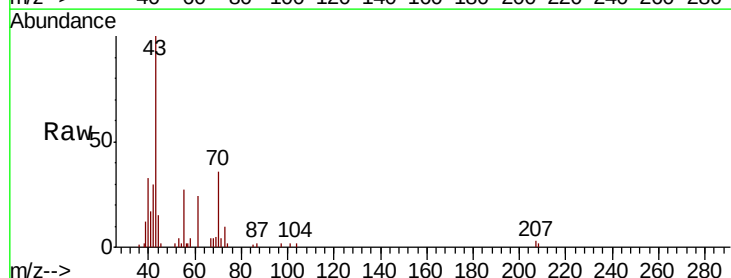
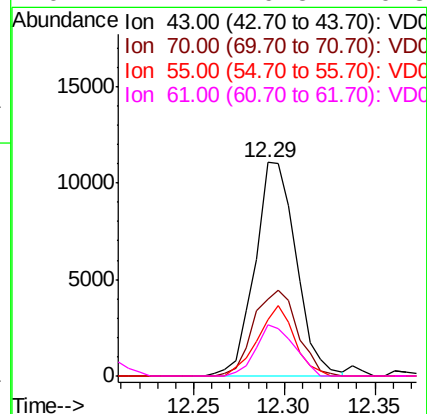
Ion Ratio Lower Upper

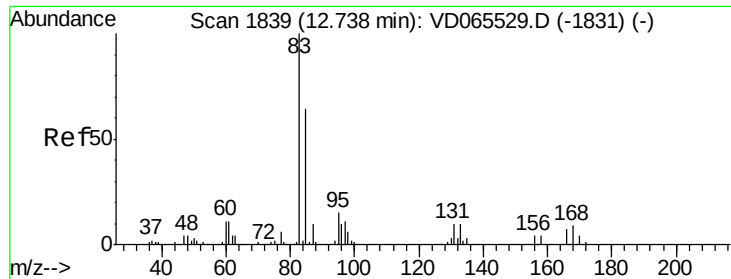
43 100

70 42.6 36.2 54.2

55 29.1 22.2 33.4

61 22.1 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 4.764 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065526.D

Acq: 26 Mar 2020 15:39

Instrument :

MSVOA_D

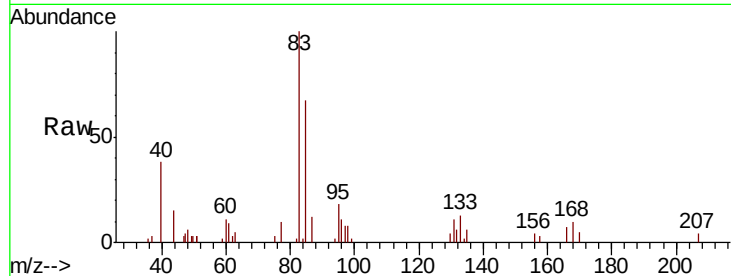
ClientSampleId :

VSTDIC005

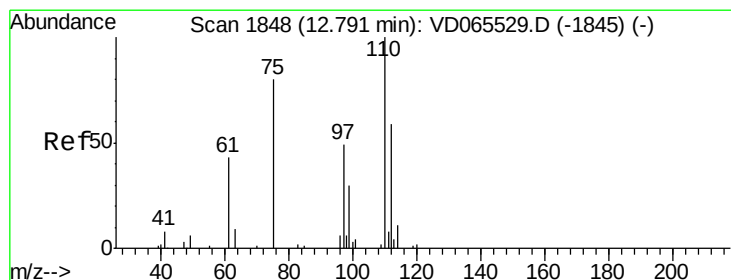
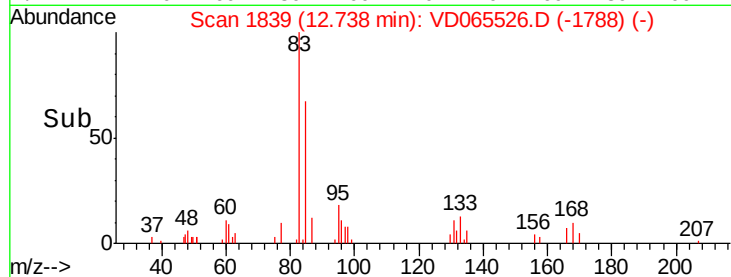
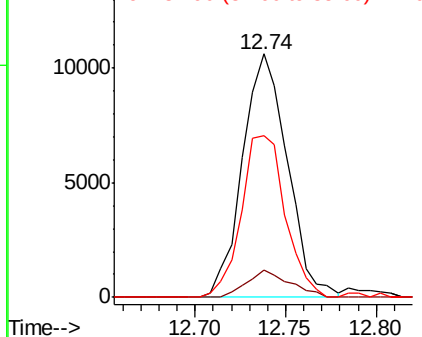
Tot Ion:	83	Resp:	18295
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.6	16.8
85	64.8	32.6	98.0

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



#76

1,2,3-Trichloropropane

Concen: 5.377 ug/l m

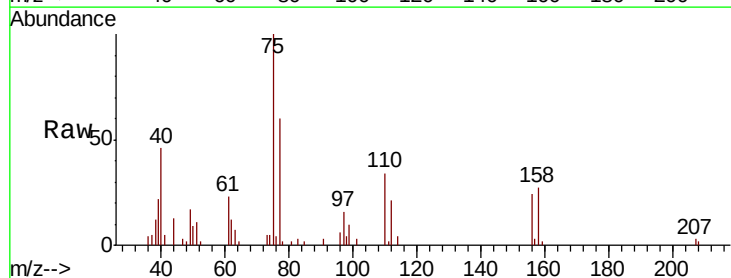
RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

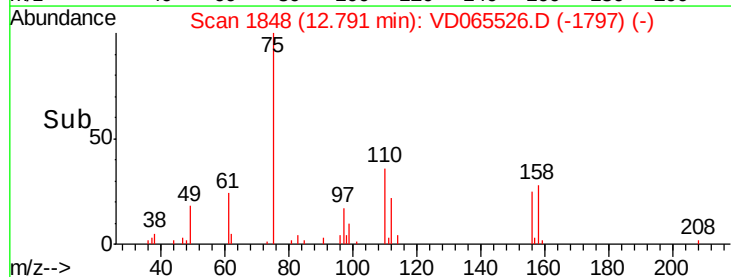
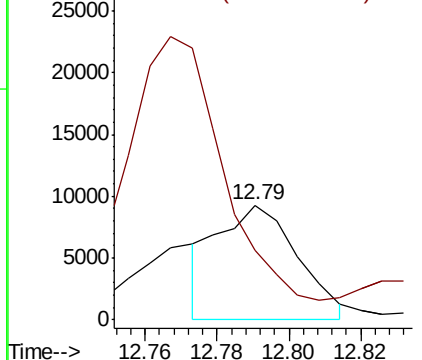
Lab File: VD065526.D

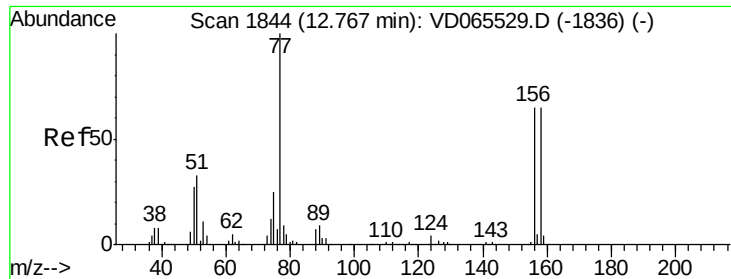
Acq: 26 Mar 2020 15:39

Tgt Ion:	75	Resp:	14423
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



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





#77

Bromobenzene

Concen: 5.005 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065526.D

Acq: 26 Mar 2020 15:39

Instrument :

MSVOA_D

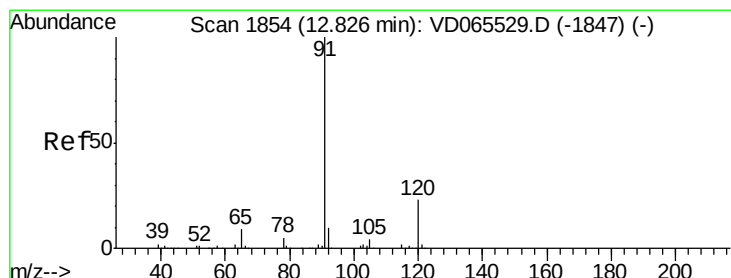
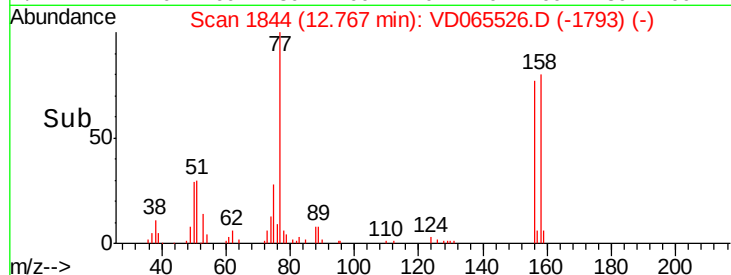
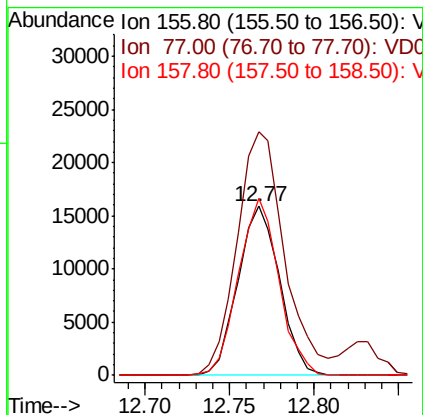
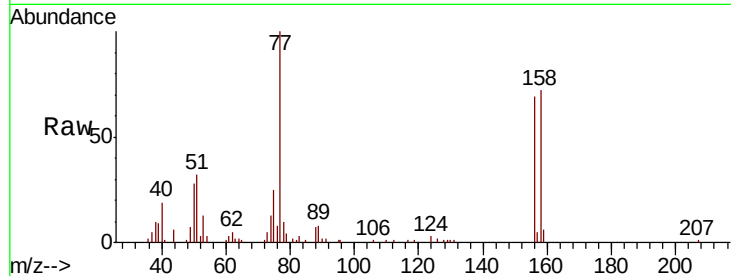
ClientSampleId :

VSTDIC005

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	164.4	81.8	245.3	
158	101.7	49.1	147.4	

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#78

n-propylbenzene

Concen: 4.434 ug/l

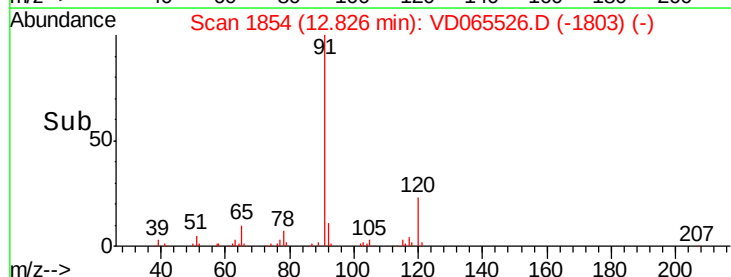
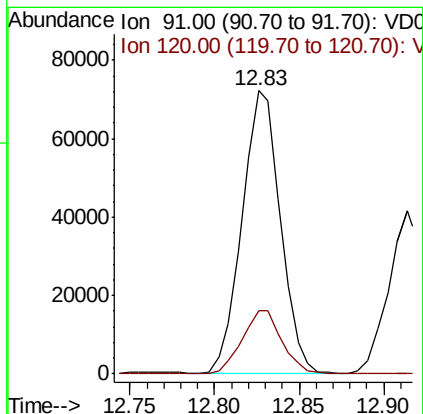
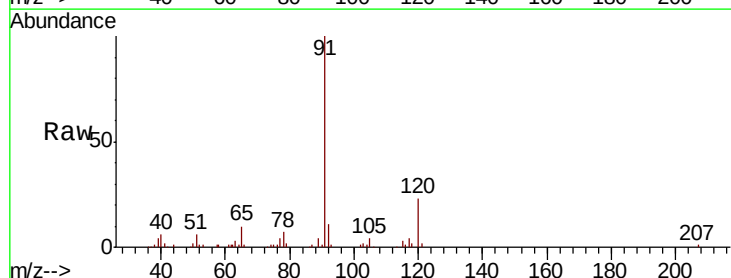
RT: 12.83 min Scan# 1854

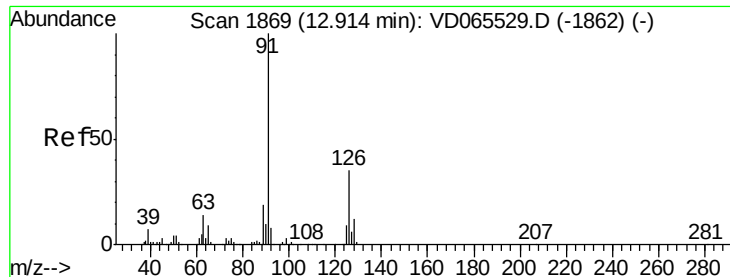
Delta R.T. -0.00 min

Lab File: VD065526.D

Acq: 26 Mar 2020 15:39

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.1	11.8	35.4	





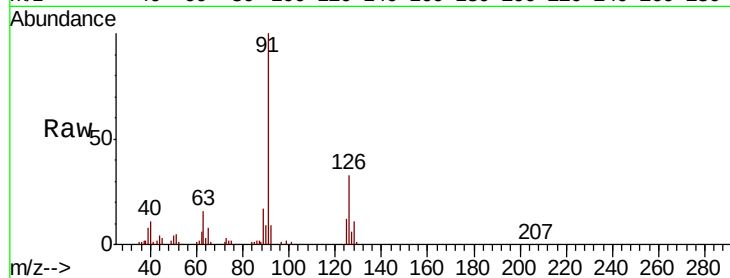
#79
2-Chlorotoluene
Concen: 4.659 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. -0.00 min
Lab File: VD065526.D
Acq: 26 Mar 2020 15:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

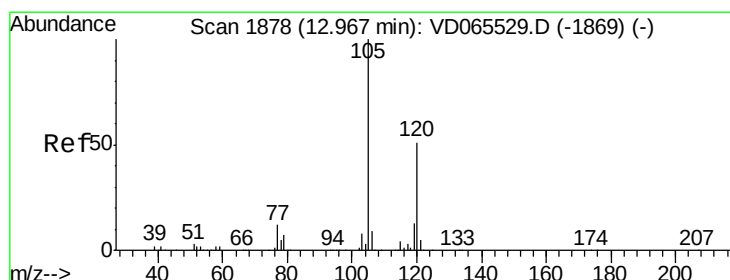
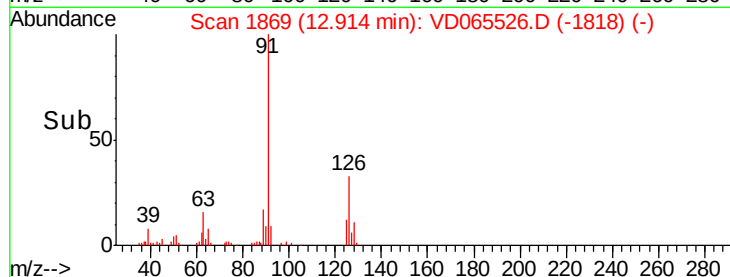
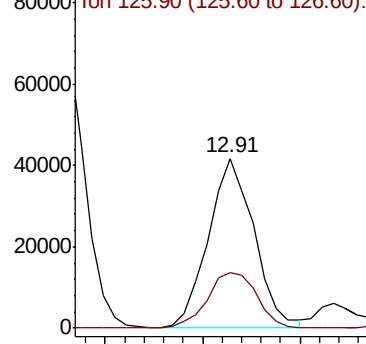
Tot Ion: 91 Resp: 68104
Ion Ratio Lower Upper
91 100
126 35.3 17.8 53.4

Manual Integrations
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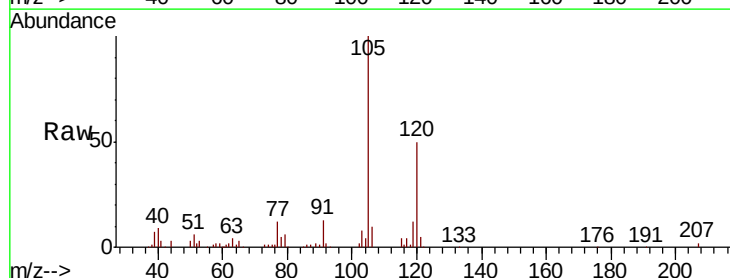


Abundance Ion 91.00 (90.70 to 91.70): VD065529.D (-1862) (-)
Ion 125.90 (125.60 to 126.60): VD065529.D (-1862) (-)

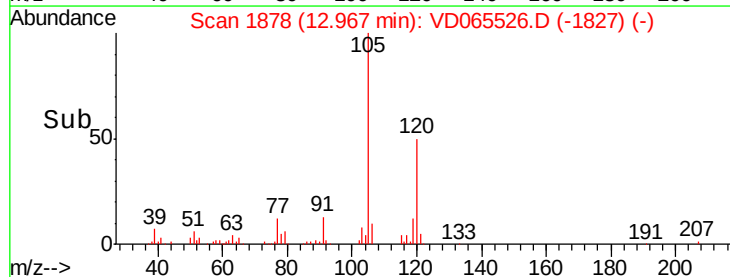
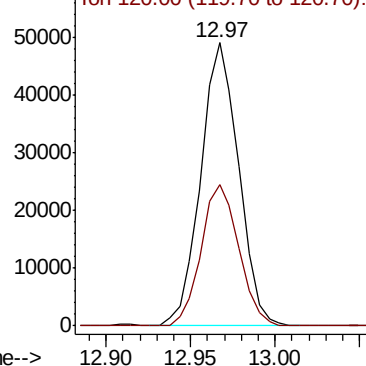


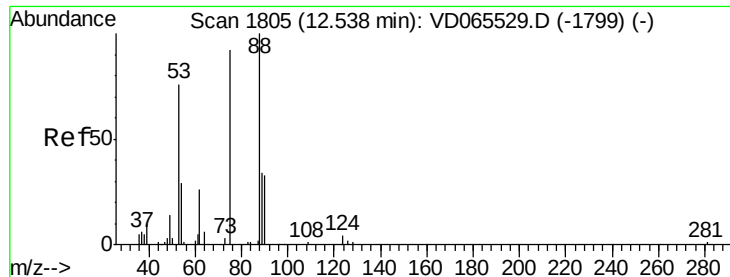
#80
1,3,5-Trimethylbenzene
Concen: 4.272 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. -0.00 min
Lab File: VD065526.D
Acq: 26 Mar 2020 15:39

Tgt Ion: 105 Resp: 76398
Ion Ratio Lower Upper
105 100
120 49.7 25.6 76.6



Abundance Ion 105.00 (104.70 to 105.70): VD065529.D (-1869) (-)
Ion 120.00 (119.70 to 120.70): VD065529.D (-1869) (-)





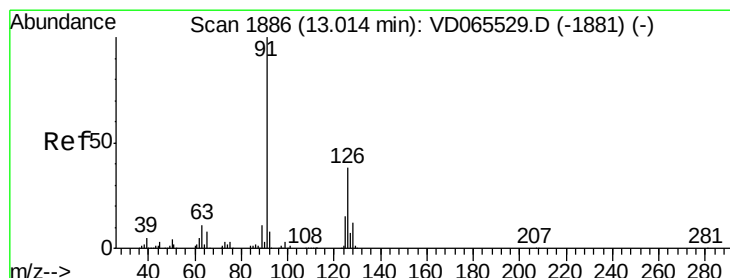
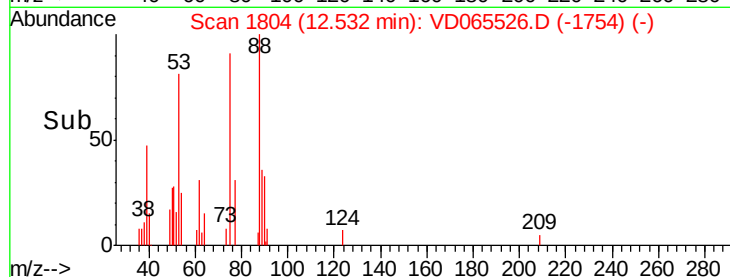
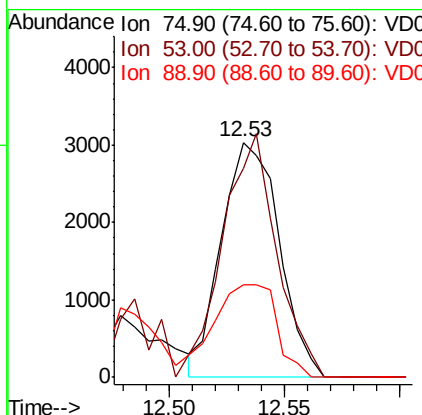
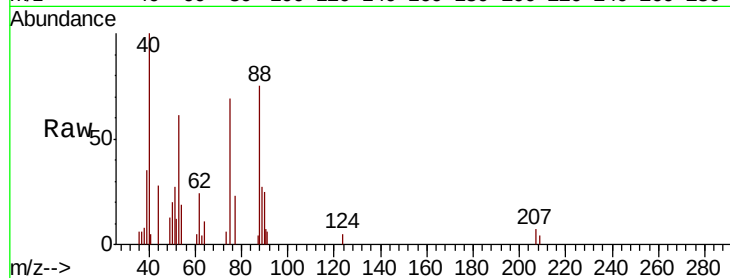
#81
trans-1,4-Dichloro-2-butene
Concen: 4.251 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.01 min
Lab File: VD065526.D
Acq: 26 Mar 2020 15:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.8	72.4	108.6
89	43.6	36.9	55.3

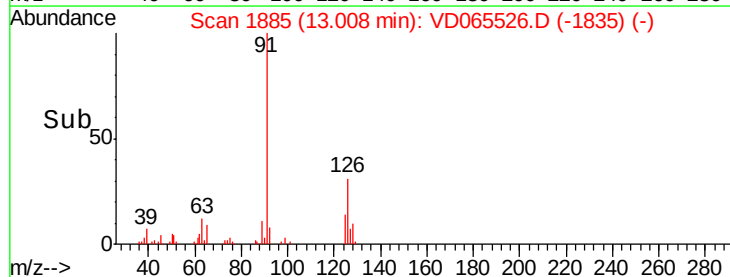
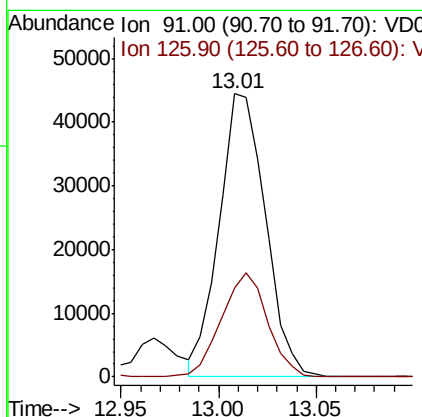
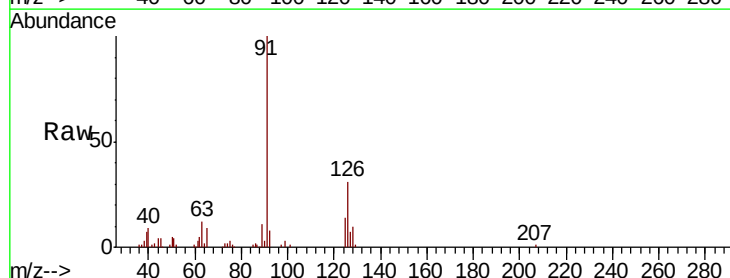
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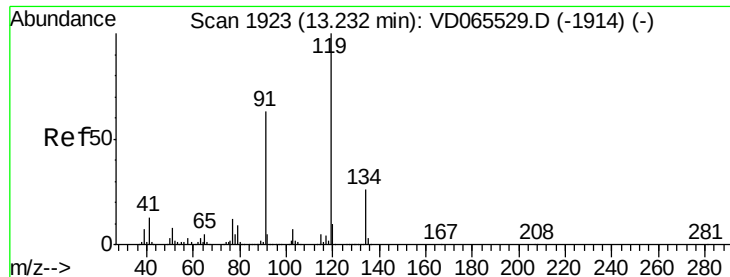
apatel
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#82
4-Chlorotoluene
Concen: 4.767 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VD065526.D
Acq: 26 Mar 2020 15:39

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.7	17.9	53.7





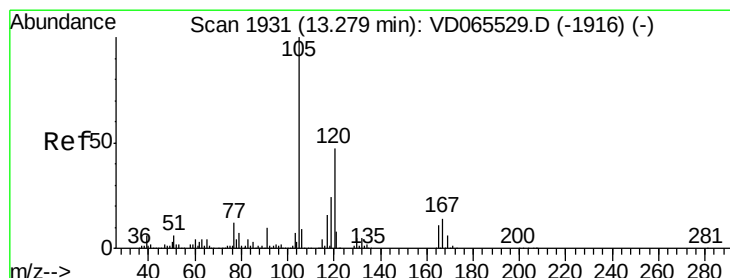
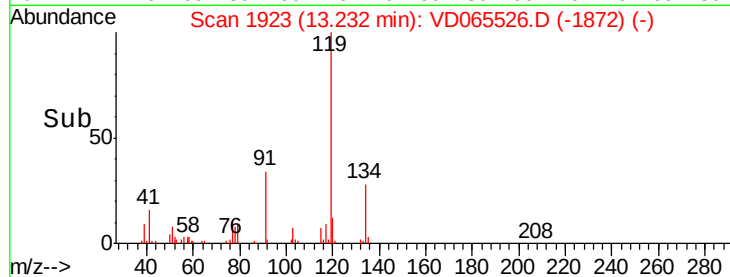
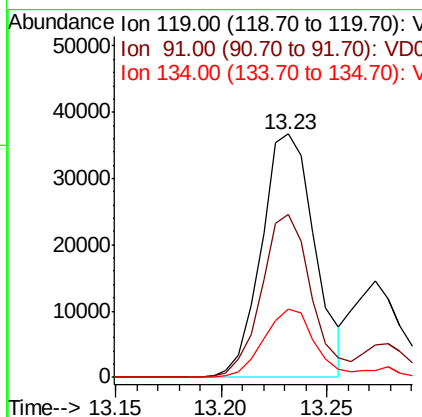
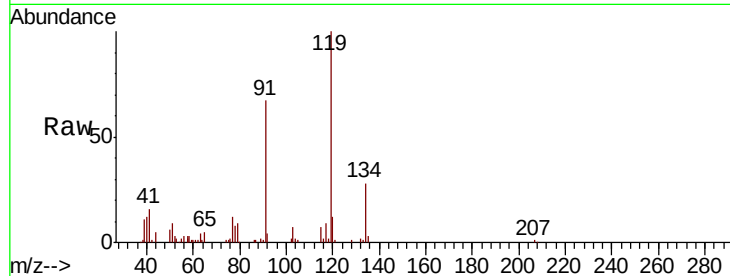
#83
 tert-Butylbenzene
 Concen: 4.250 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. -0.00 min
 Lab File: VD065526.D
 Acq: 26 Mar 2020 15:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.1	31.4	94.0
134	26.8	13.9	41.6

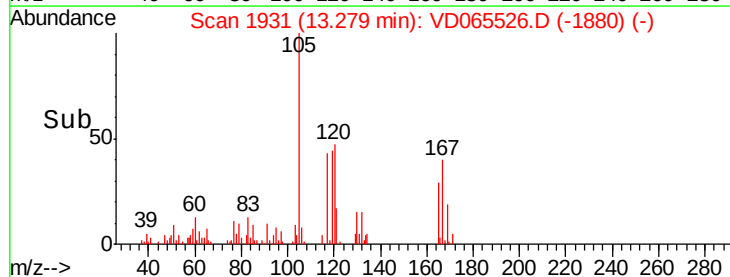
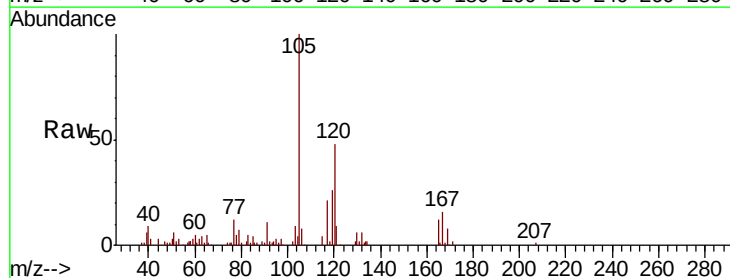
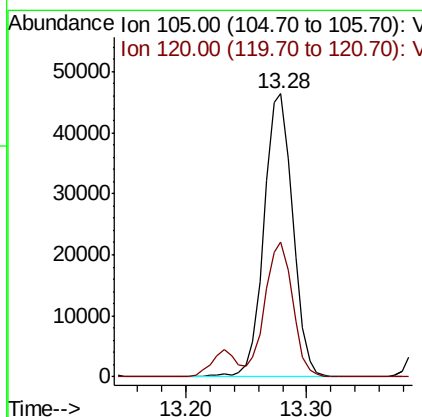
Manual Integrations
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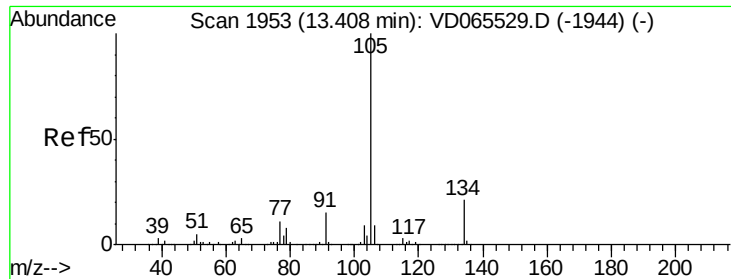
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#84
 1,2,4-Trimethylbenzene
 Concen: 4.308 ug/l
 RT: 13.28 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: VD065526.D
 Acq: 26 Mar 2020 15:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.5	70.5





#85

sec-Butylbenzene

Concen: 4.433 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD065526.D

Acq: 26 Mar 2020 15:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 95571

Ion Ratio Lower Upper

105 100

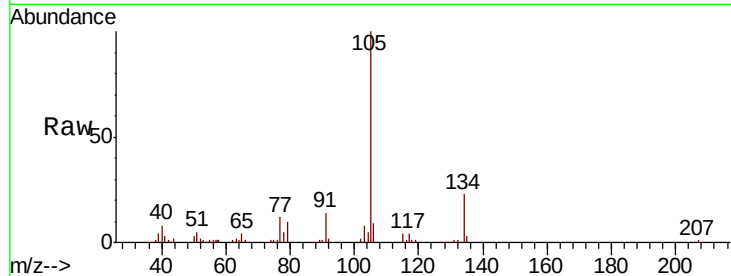
134 21.6 10.6 31.8

Manual Integrations

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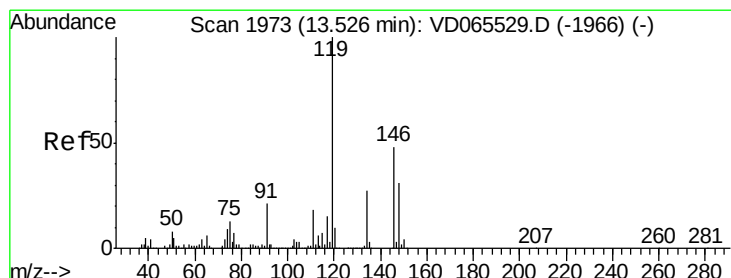
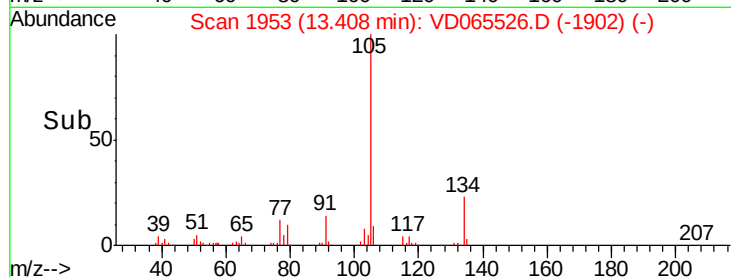
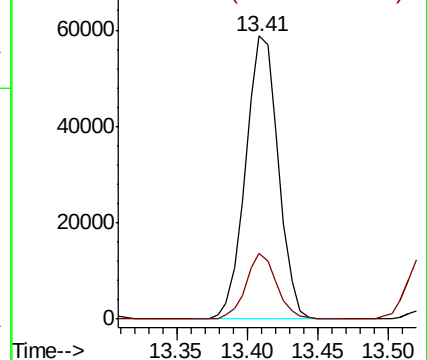
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 4.182 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD065526.D

Acq: 26 Mar 2020 15:39

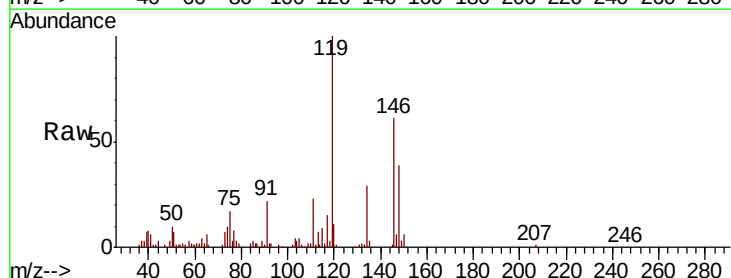
Tgt Ion:119 Resp: 82376

Ion Ratio Lower Upper

119 100

134 28.1 13.5 40.5

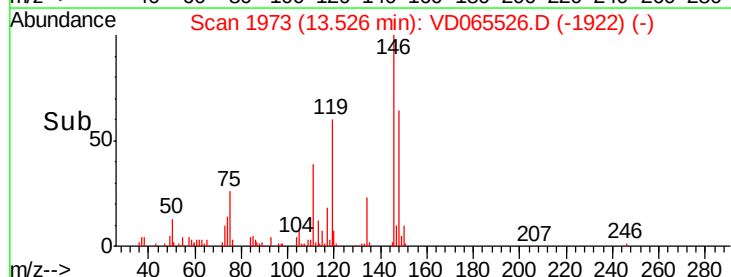
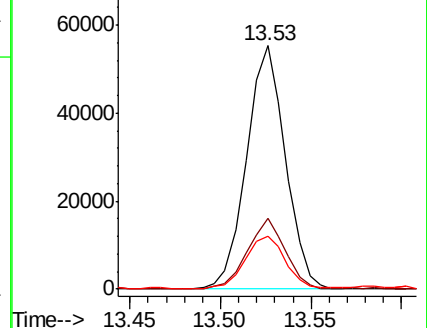
91 22.7 10.8 32.3

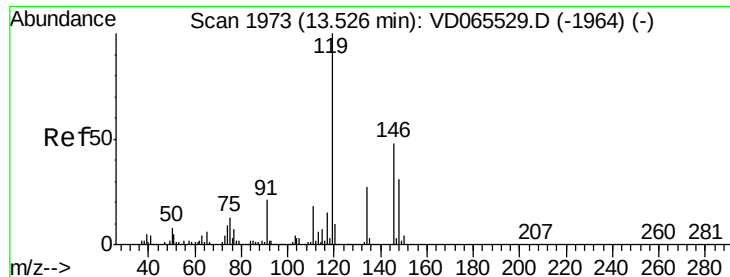


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





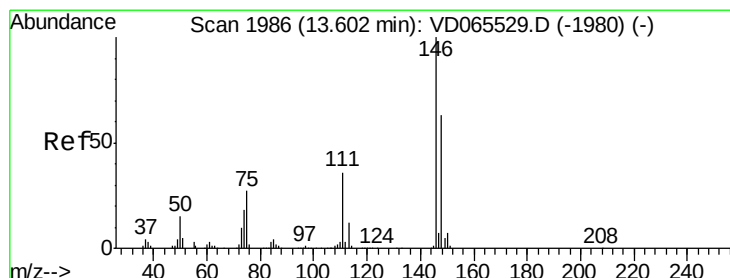
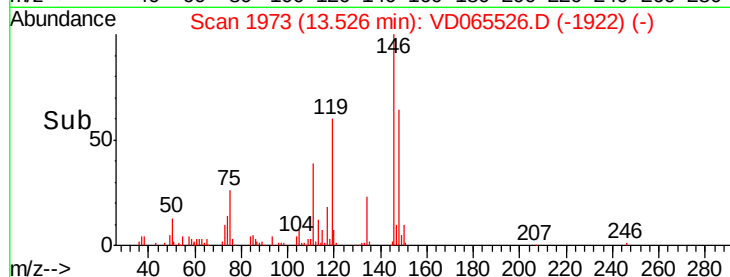
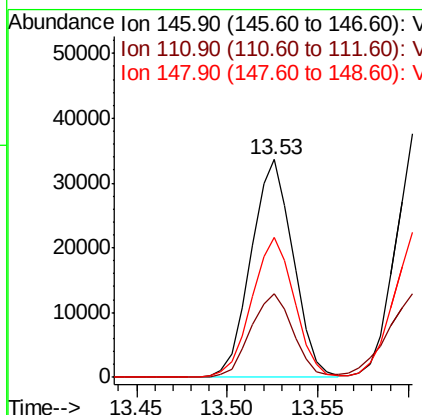
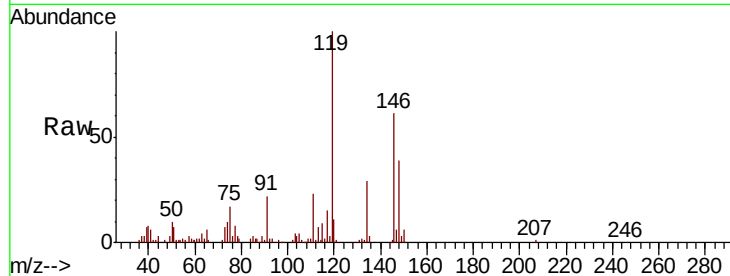
#87
 1,3-Dichlorobenzene
 Concen: 5.156 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VD065526.D
 Acq: 26 Mar 2020 15:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.5	55.5
148	64.6	31.8	95.4

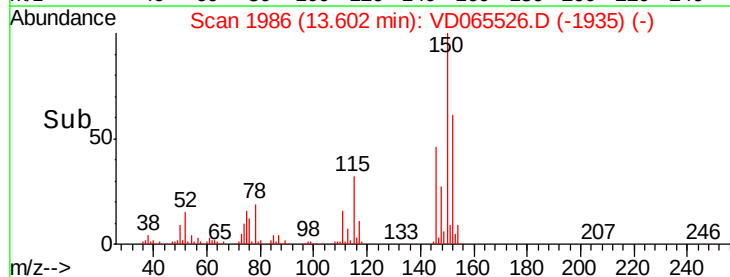
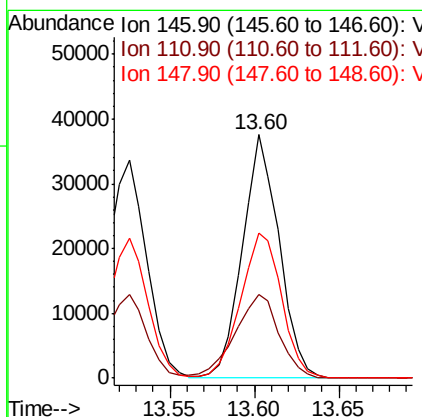
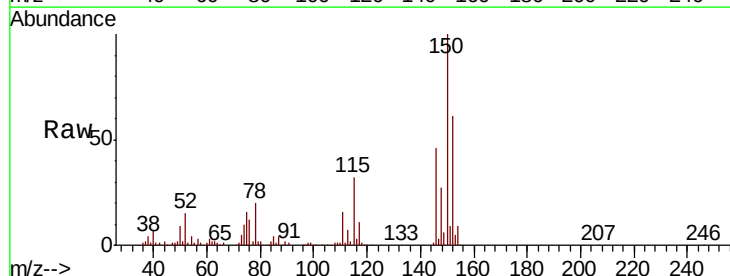
Manual Integrations
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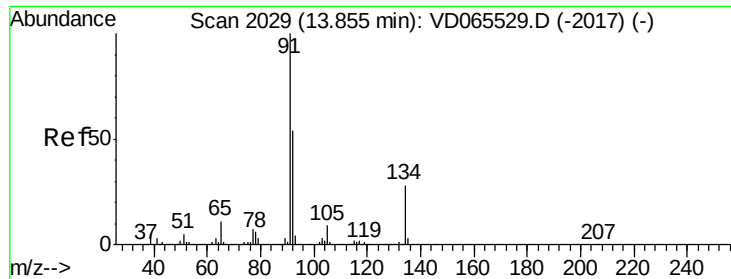
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#88
 1,4-Dichlorobenzene
 Concen: 5.439 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD065526.D
 Acq: 26 Mar 2020 15:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	18.0	54.0
148	66.6	31.6	94.8





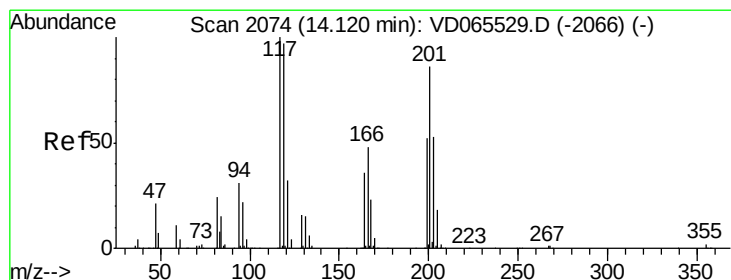
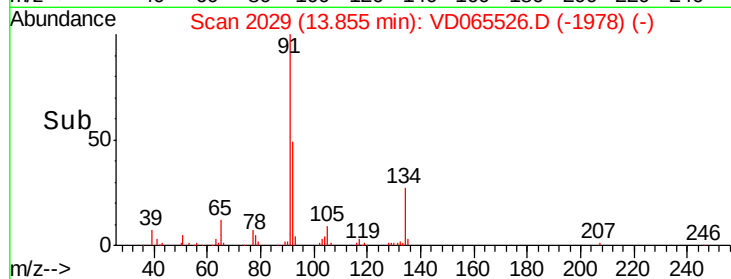
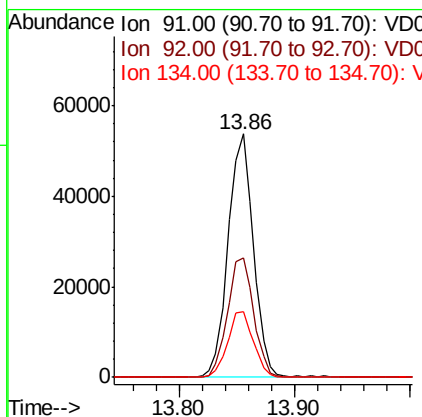
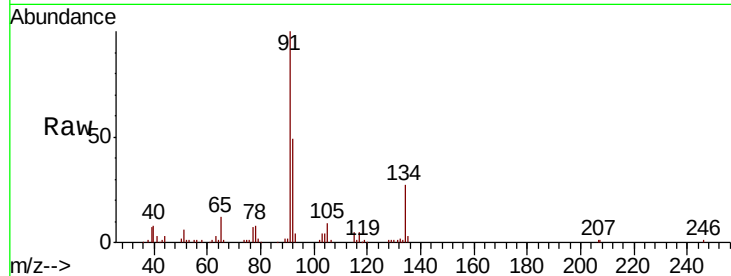
#89
n-Butylbenzene
Concen: 4.502 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. -0.00 min
Lab File: VD065526.D
Acq: 26 Mar 2020 15:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.7	26.8	80.4
134	27.4	13.7	41.0

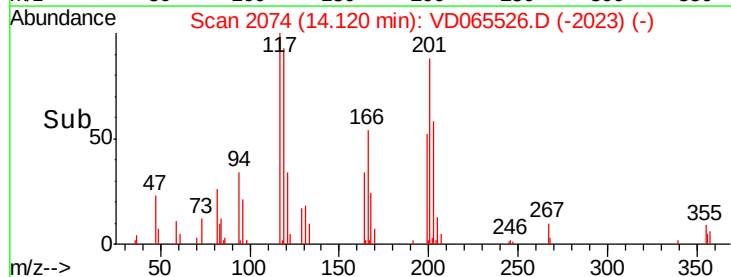
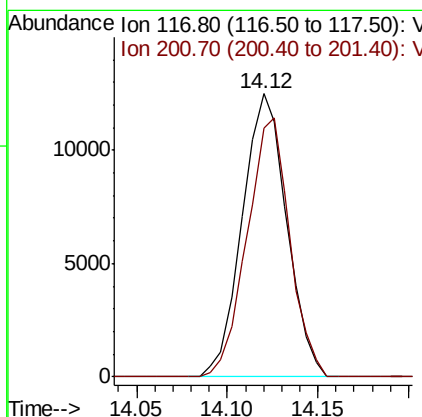
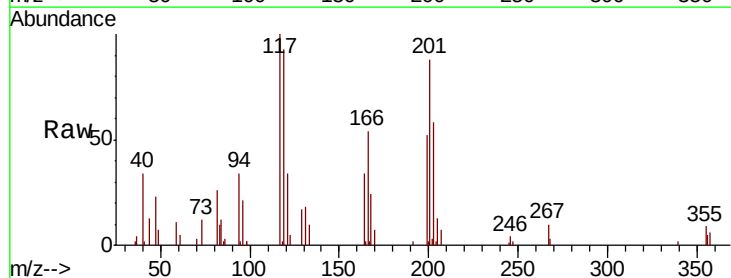
Manual Integrations
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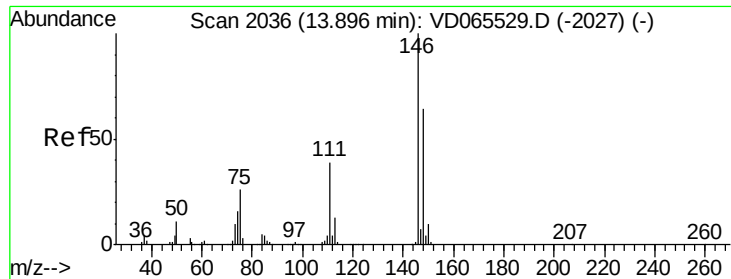
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#90
Hexachloroethane
Concen: 5.248 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD065526.D
Acq: 26 Mar 2020 15:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.8	43.9	131.6





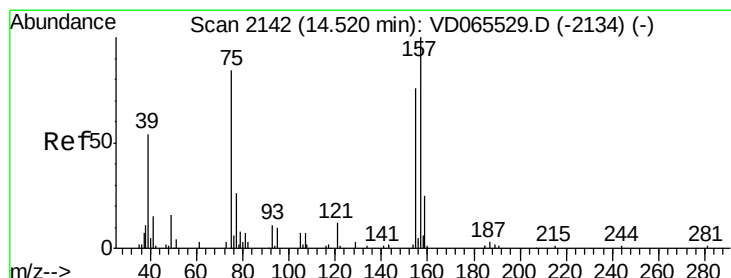
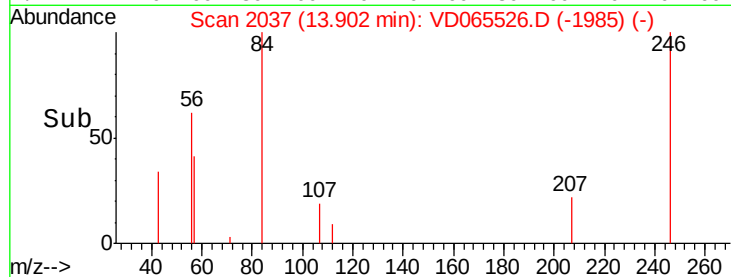
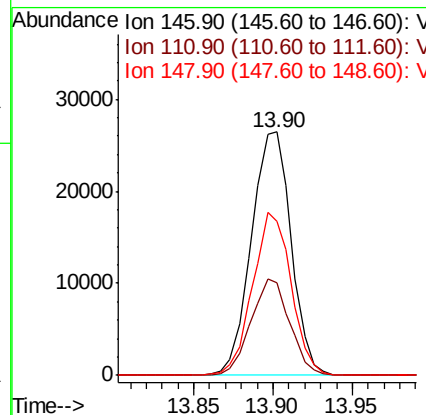
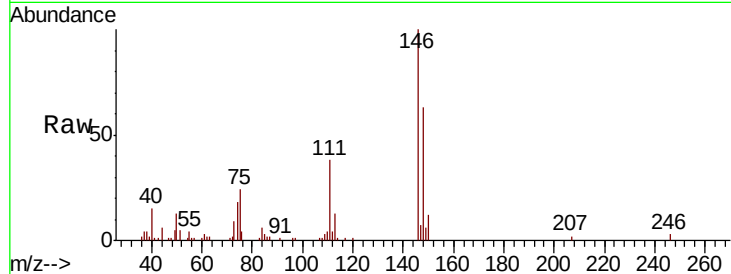
#91
 1,2-Dichlorobenzene
 Concen: 5.170 ug/l
 RT: 13.90 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VD065526.D
 Acq: 26 Mar 2020 15:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.4	58.4
148	64.8	32.1	96.5

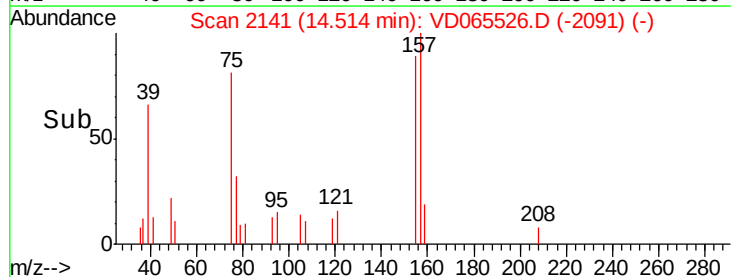
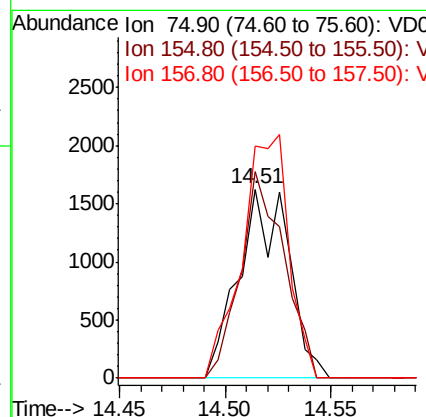
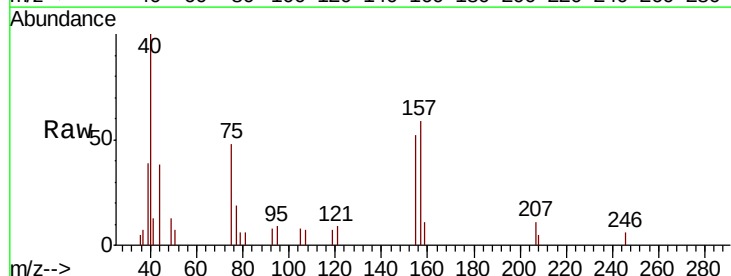
Manual Integrations
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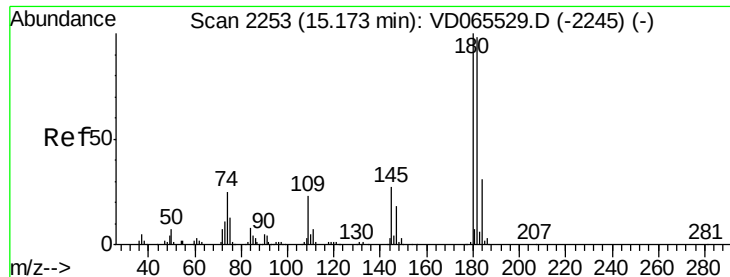
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.546 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: VD065526.D
 Acq: 26 Mar 2020 15:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.6	46.2	138.6
157	120.9	57.9	173.7





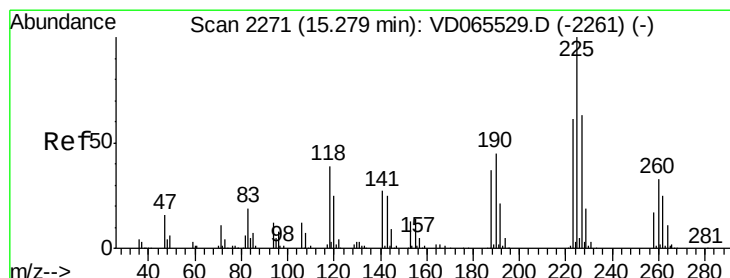
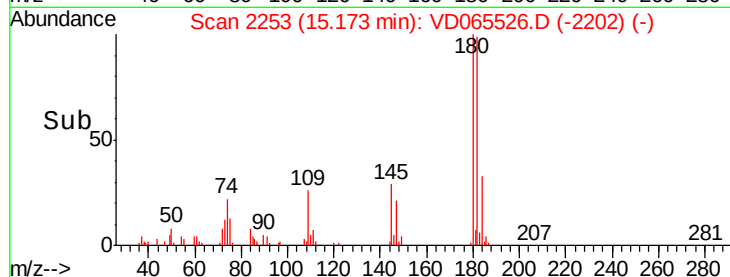
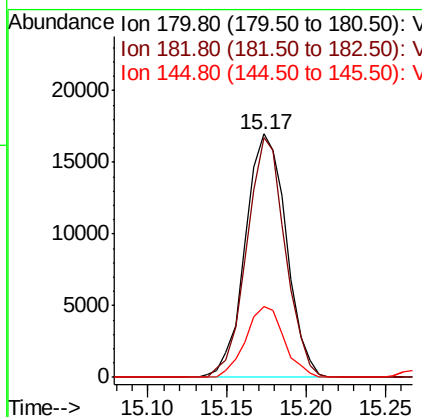
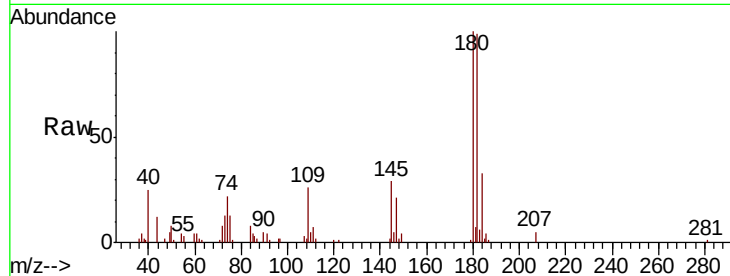
#93
 1,2,4-Trichlorobenzene
 Concen: 5.028 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VD065526.D
 Acq: 26 Mar 2020 15:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.2	48.1	144.3
145	27.2	13.9	41.6

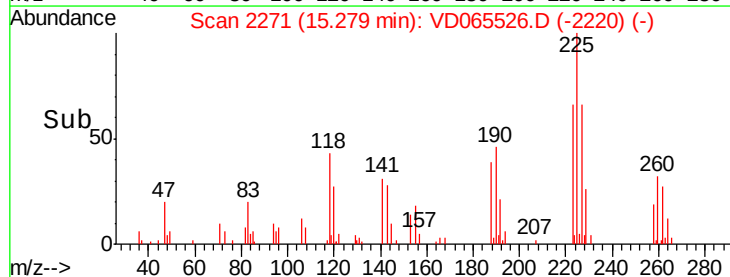
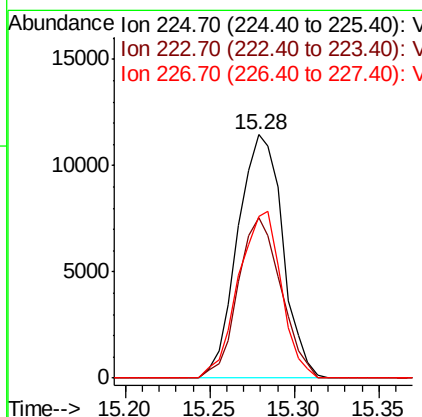
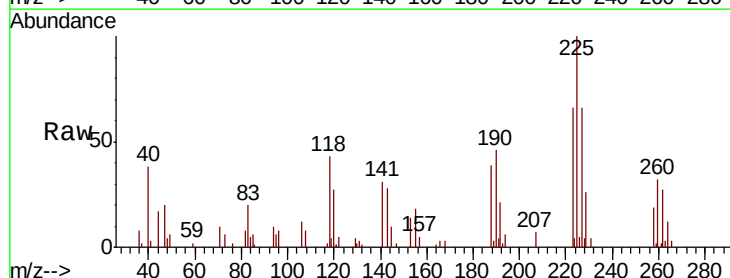
Manual Integrations
 APPROVED

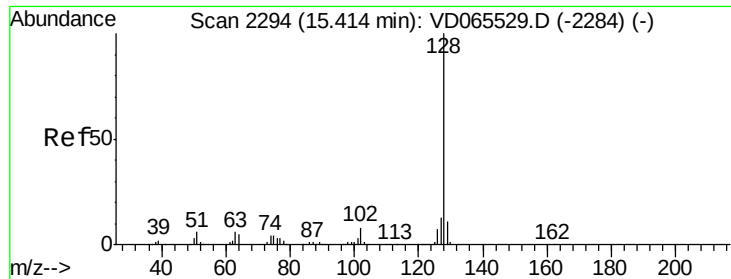
apatel
 3/27/2020 10:12:10 AM



#94
 Hexachlorobutadiene
 Concen: 5.366 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VD065526.D
 Acq: 26 Mar 2020 15:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.2	93.6
227	65.4	32.3	96.9





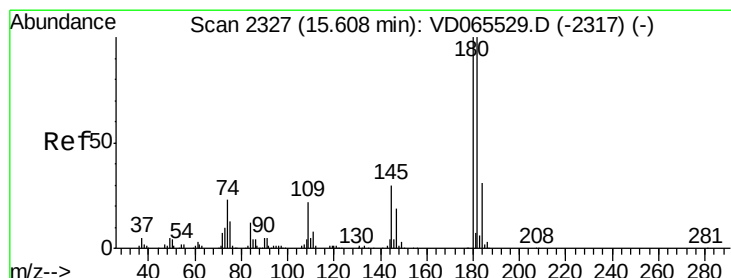
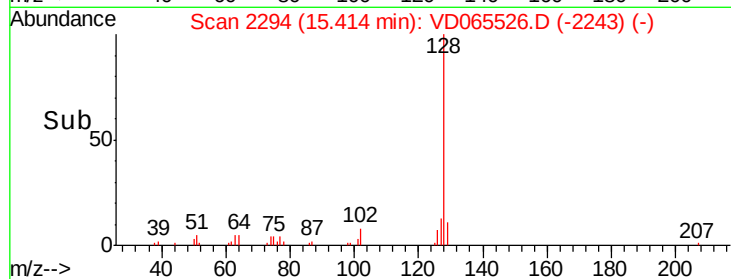
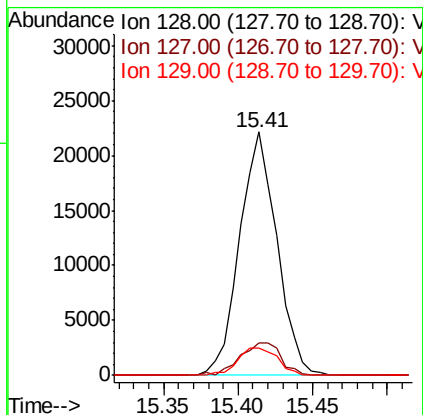
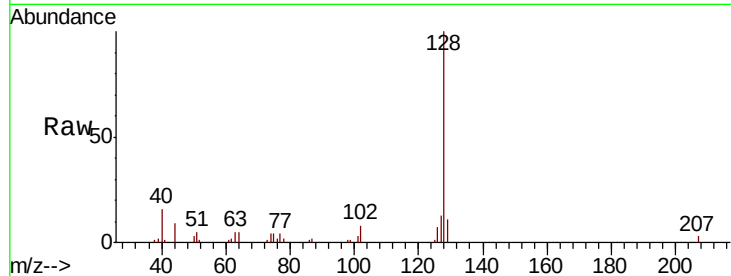
#95
Naphthalene
Concen: 3.969 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VD065526.D
Acq: 26 Mar 2020 15:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.6	10.4	15.6
129	12.0	8.7	13.1

Manual Integrations
APPROVED

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3/27/2020 10:12:10 AM



#96
1,2,3-Trichlorobenzene
Concen: 4.893 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. -0.00 min
Lab File: VD065526.D
Acq: 26 Mar 2020 15:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	48.1	144.3
145	28.2	15.0	45.0

