

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021820\
 Data File : VD065217.D
 Acq On : 18 Feb 2020 12:54
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

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 2/19/2020 1:44:17 PM

Quant Time: Feb 19 03:22:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 02:58:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	510703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	748805	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	678492	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	327992	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	674010	146.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	293.40%	
35) Dibromofluoromethane	7.92	113	683623	149.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	299.46%	
50) Toluene-d8	10.34	98	2717441	155.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	311.38%	
62) 4-Bromofluorobenzene	12.64	95	854277	154.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	309.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	596302	139.211	ug/l	99
3) Chloromethane	2.21	50	709912	130.209	ug/l	98
4) Vinyl Chloride	2.35	62	730622	131.785	ug/l	99
5) Bromomethane	2.75	94	437025	130.375	ug/l	99
6) Chloroethane	2.91	64	441607	130.495	ug/l	98
7) Trichlorofluoromethane	3.27	101	1021919	128.749	ug/l	98
8) Diethyl Ether	3.71	74	321804	134.314	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	641824	128.046	ug/l	100
10) Methyl Iodide	4.30	142	834903	160.424	ug/l	99
11) Tert butyl alcohol	5.25	59	186821	680.488	ug/l	100
12) 1,1-Dichloroethene	4.06	96	632651	133.612	ug/l	95
13) Acrolein	3.92	56	232282	568.339	ug/l	99
14) Allyl chloride	4.71	41	1090375	141.807	ug/l	99
15) Acrylonitrile	5.43	53	761182	717.589	ug/l	99
16) Acetone	4.17	43	803850	715.756	ug/l	98
17) Carbon Disulfide	4.40	76	2119831	133.536	ug/l	99
18) Methyl Acetate	4.73	43	337749	133.715	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	1459674	147.829	ug/l	100
20) Methylene Chloride	4.96	84	682752	119.760	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	729609	135.544	ug/l	99
22) Diisopropyl ether	6.37	45	2094571	141.305	ug/l	99
23) Vinyl Acetate	6.31	43	6296750	770.541	ug/l	100
24) 1,1-Dichloroethane	6.27	63	1228670	133.636	ug/l	98
25) 2-Butanone	7.23	43	1034674	728.162	ug/l	99
26) 2,2-Dichloropropane	7.21	77	1046025	131.127	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	791876	138.883	ug/l	99
28) Bromochloromethane	7.55	49	486718	142.691	ug/l	100
29) Tetrahydrofuran	7.57	42	625309	751.066	ug/l	99
30) Chloroform	7.71	83	1218610	131.559	ug/l	98
31) Cyclohexane	7.98	56	1173470	129.902	ug/l	96
32) 1,1,1-Trichloroethane	7.91	97	1098193	132.510	ug/l	99
36) 1,1-Dichloropropene	8.11	75	1001182	137.413	ug/l	99
37) Ethyl Acetate	7.30	43	443628	145.650	ug/l	99
38) Carbon Tetrachloride	8.10	117	1002232	135.127	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	1266071	147.809	ug/l	98
40) Benzene	8.36	78	2844096	138.297	ug/l	99
41) Methacrylonitrile	7.53	41	243141	138.254	ug/l	100
42) 1,2-Dichloroethane	8.43	62	765416	135.384	ug/l	100
43) Isopropyl Acetate	8.46	43	826420	149.206	ug/l	99
44) Trichloroethene	9.11	130	781271	137.051	ug/l	100
45) 1,2-Dichloropropane	9.39	63	697099	136.320	ug/l	100
46) Dibromomethane	9.48	93	362974	137.955	ug/l	98
47) Bromodichloromethane	9.67	83	938198	135.306	ug/l	100
48) Methyl methacrylate	9.46	41	399866	156.186	ug/l	98
49) 1,4-Dioxane	9.47	88	90166	2921.884	ug/l	95
51) 4-Methyl-2-Pentanone	10.24	43	2112278	750.841	ug/l	99
52) Toluene	10.41	92	1817851	142.807	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	941639	146.511	ug/l	97
54) cis-1,3-Dichloropropene	10.10	75	1130123	145.616	ug/l	99
55) 1,1,2-Trichloroethane	10.81	97	500003	135.016	ug/l	96
56) Ethyl methacrylate	10.67	69	676544	158.278	ug/l	99
57) 1,3-Dichloropropane	10.95	76	885022	140.415	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.95	63	981364	728.231	ug/l	98
59) 2-Hexanone	10.99	43	1552290	770.821	ug/l	97
60) Dibromochloromethane	11.14	129	653264	137.822	ug/l	99
61) 1,2-Dibromoethane	11.25	107	493742	140.815	ug/l	99
64) Tetrachloroethene	10.88	164	657383	136.611	ug/l	94
65) Chlorobenzene	11.68	112	1880987	138.149	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	694935	136.772	ug/l	99
67) Ethyl Benzene	11.75	91	3414012	143.167	ug/l	100
68) m/p-Xylenes	11.86	106	2610063	286.084	ug/l	99
69) o-Xylene	12.18	106	1192713	147.560	ug/l	99
70) Styrene	12.20	104	2107280	146.840	ug/l	100
71) Bromoform	12.37	173	395191	140.166	ug/l #	99
73) Isopropylbenzene	12.48	105	3217012	148.150	ug/l	99
74) N-amyl acetate	12.30	43	761686	157.859	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	538022	137.285	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	368964m	78.496	ug/l	
77) Bromobenzene	12.77	156	770196	142.837	ug/l	100
78) n-propylbenzene	12.83	91	3783136	144.976	ug/l	99
79) 2-Chlorotoluene	12.91	91	2081821	142.410	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	2618694	146.420	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	196073	151.705	ug/l	96
82) 4-Chlorotoluene	13.01	91	2174224	140.095	ug/l	99
83) tert-Butylbenzene	13.23	119	2231178	148.848	ug/l	100
84) 1,2,4-Trimethylbenzene	13.28	105	2610487	145.827	ug/l	100
85) sec-Butylbenzene	13.41	105	3123633	144.617	ug/l	100
86) p-Isopropyltoluene	13.53	119	2918597	147.758	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	1447849	138.894	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	1416613	137.694	ug/l	99
89) n-Butylbenzene	13.85	91	2690926	147.840	ug/l	99
90) Hexachloroethane	14.12	117	554460	138.246	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	1238531	138.375	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.52	75	86187	142.709	ug/l	94

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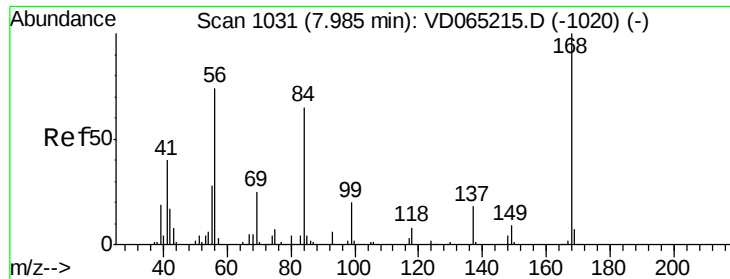
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	882777	150.782	ug/l	99
94) Hexachlorobutadiene	15.28	225	530950	141.373	ug/l	99
95) Naphthalene	15.41	128	1587564	166.799	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	767077	150.017	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 510703

Ion Ratio Lower Upper

168 100

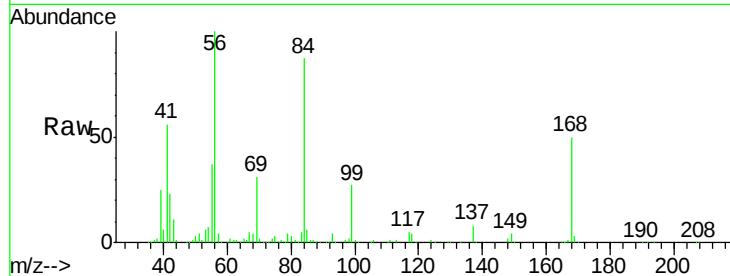
99 53.3 41.4 62.2

Manual Integrations

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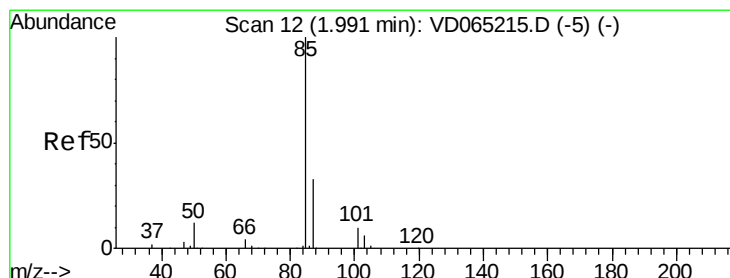
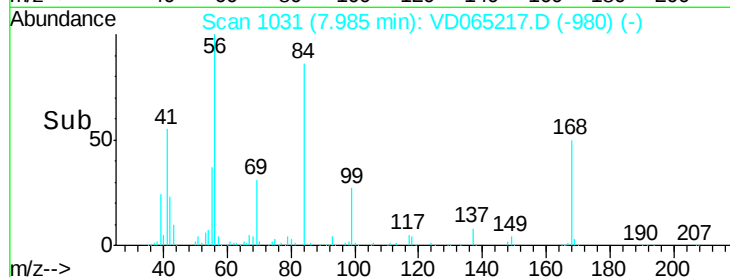
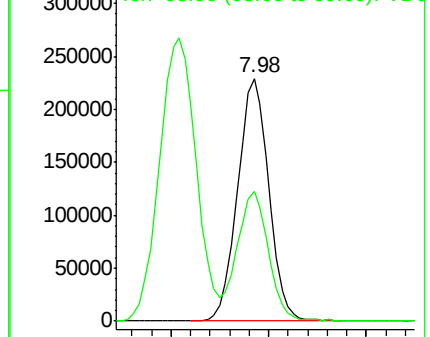
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 139.211 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD065217.D

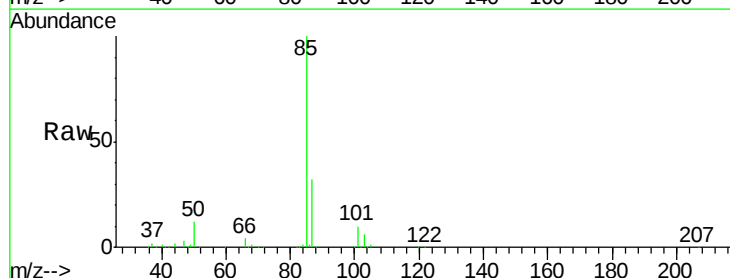
Acq: 18 Feb 2020 12:54

Tgt Ion: 85 Resp: 596302

Ion Ratio Lower Upper

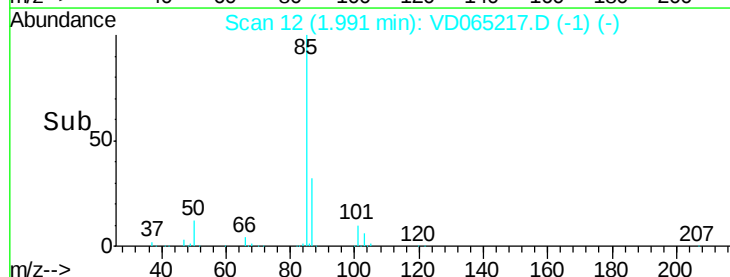
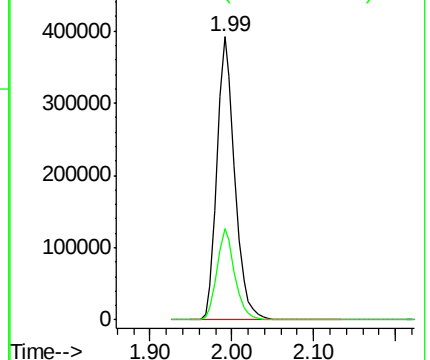
85 100

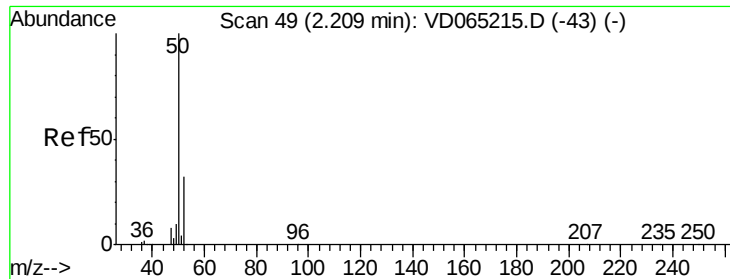
87 32.1 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 130.209 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 709912

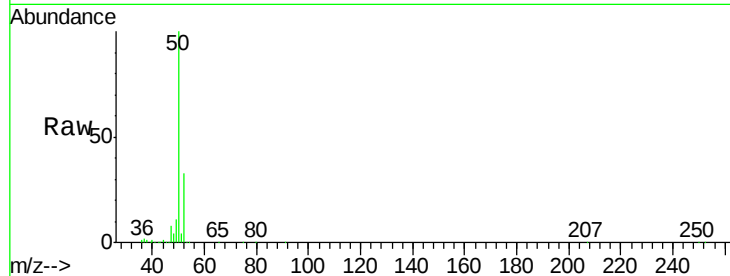
Ion Ratio Lower Upper

50 100

52 32.7 25.5 38.3

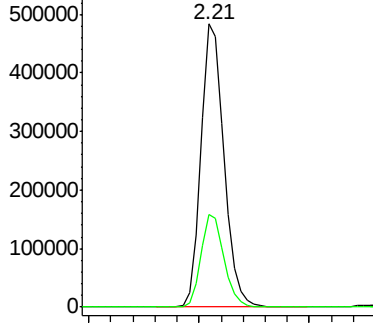
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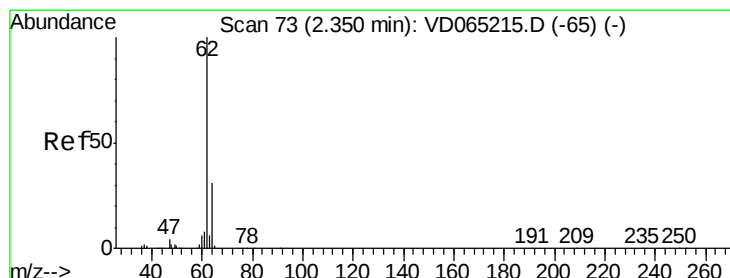
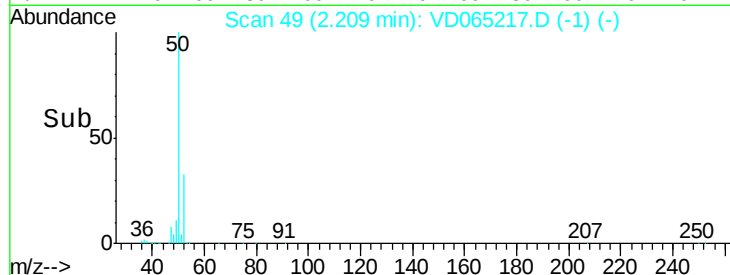


Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



Time-->



#4

Vinyl Chloride

Concen: 131.785 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD065217.D

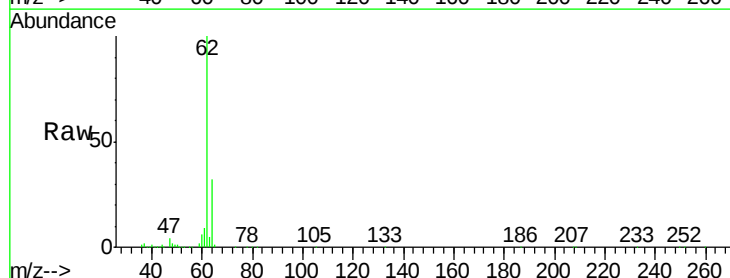
Acq: 18 Feb 2020 12:54

Tgt Ion: 62 Resp: 730622

Ion Ratio Lower Upper

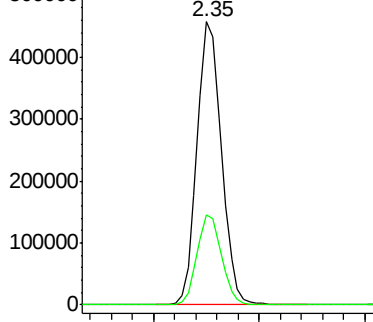
62 100

64 31.9 25.0 37.6

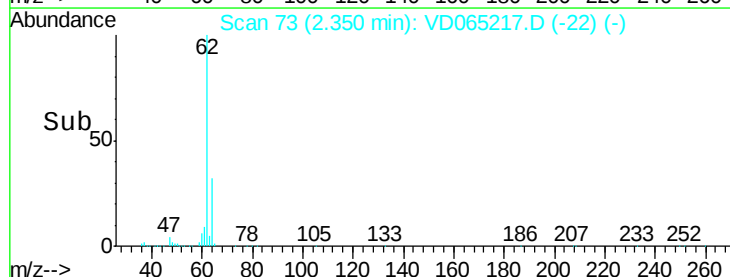


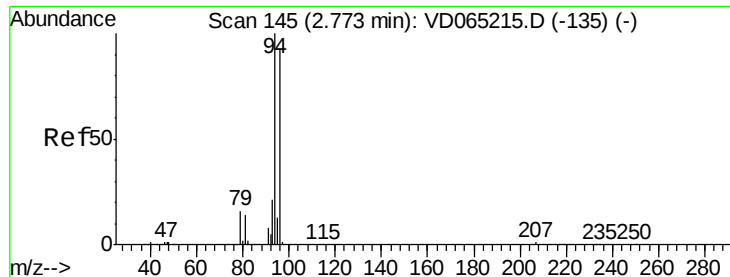
Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC



Time-->





#5

Bromomethane

Concen: 130.375 ug/l

RT: 2.75 min Scan# 141

Delta R.T. -0.02 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 437025

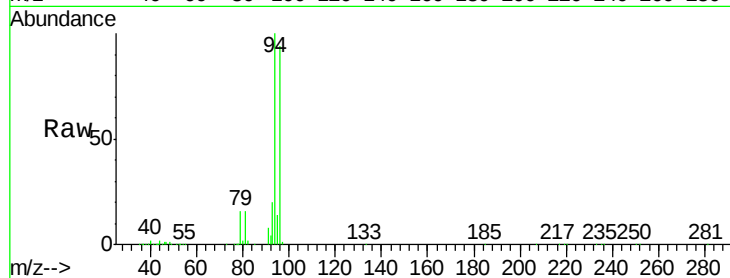
Ion Ratio Lower Upper

94 100

96 94.0 74.2 111.4

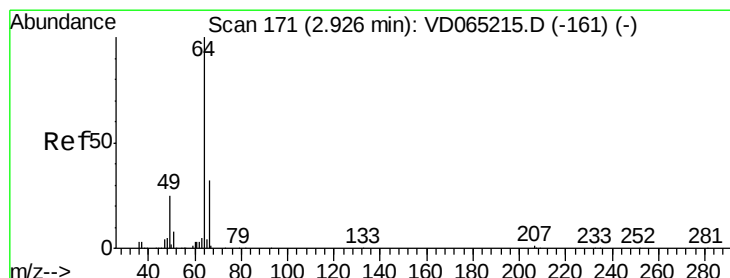
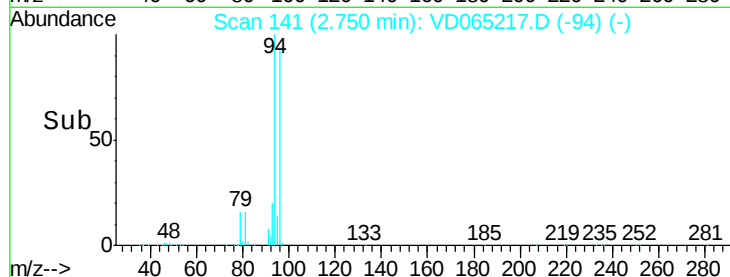
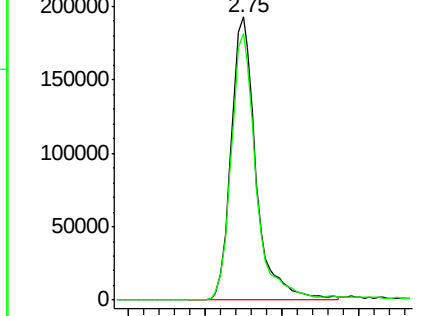
Manual Integrations
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 130.495 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD065217.D

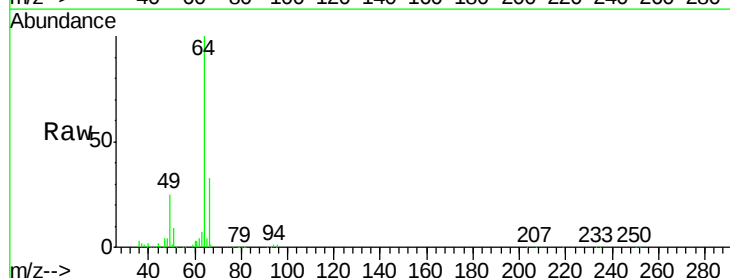
Acq: 18 Feb 2020 12:54

Tgt Ion: 64 Resp: 441607

Ion Ratio Lower Upper

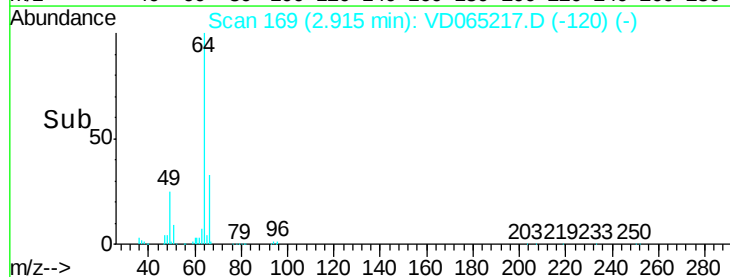
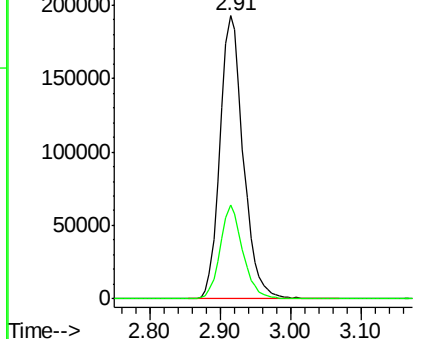
64 100

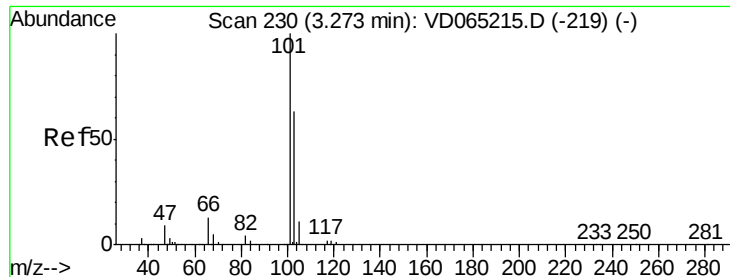
66 33.4 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

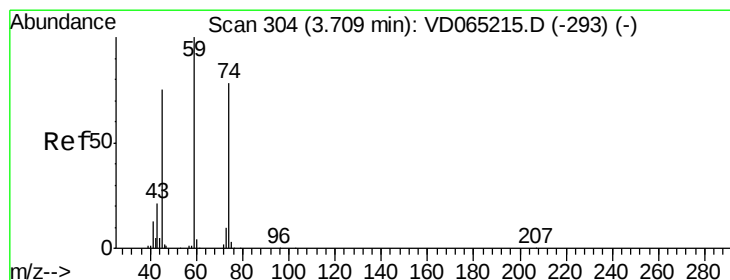
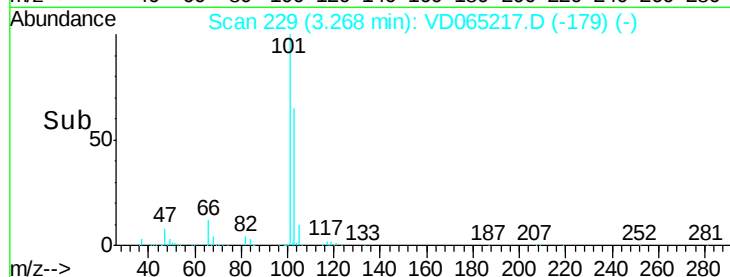
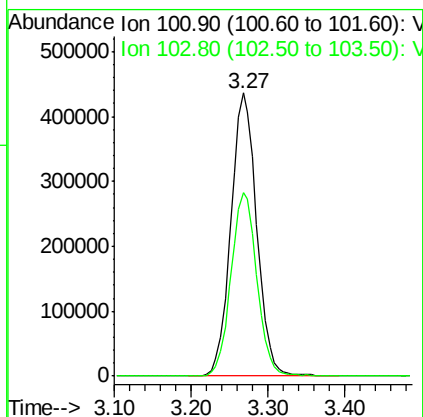
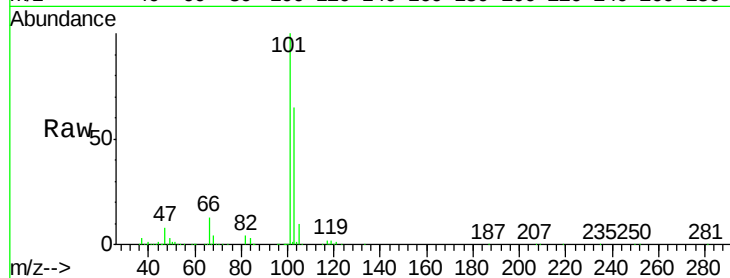
Trichlorofluoromethane
Concen: 128.749 ug/l
RT: 3.27 min Scan# 229
Delta R.T. -0.01 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

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ClientSampleId :
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Tot Ion:101 Resp: 1021919
Ion Ratio Lower Upper
101 100
103 65.0 50.7 76.1

Manual Integrations
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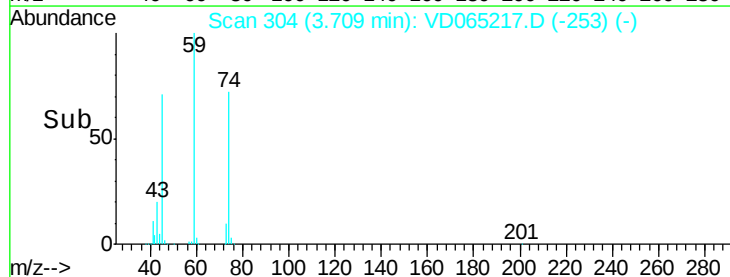
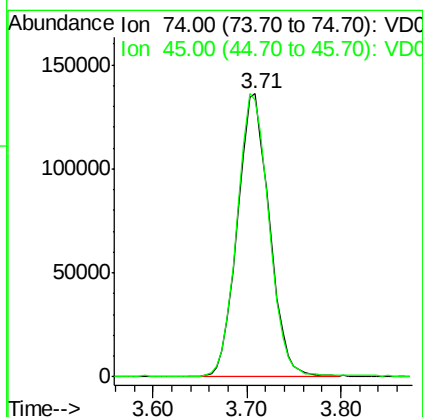
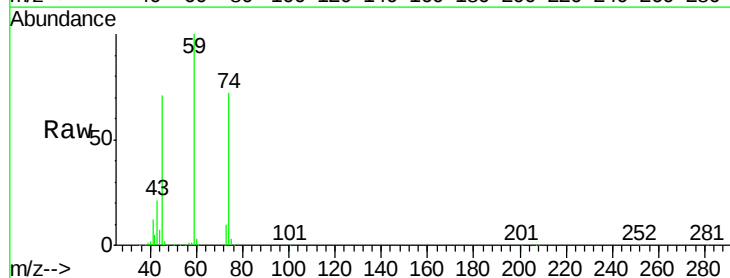
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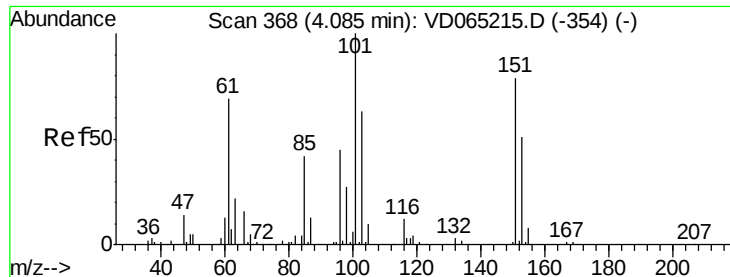


#8

Diethyl Ether
Concen: 134.314 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Tgt Ion: 74 Resp: 321804
Ion Ratio Lower Upper
74 100
45 99.6 50.0 149.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 128.046 ug/l

RT: 4.09 min Scan# 368

Delta R.T. 0.00 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

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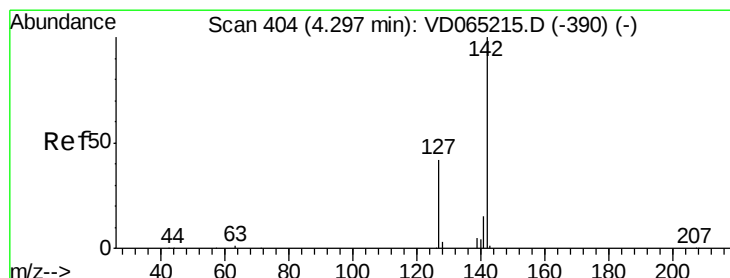
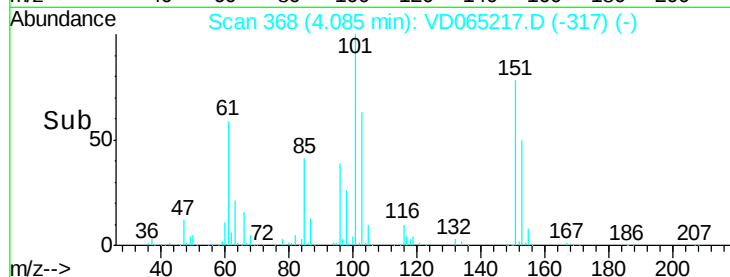
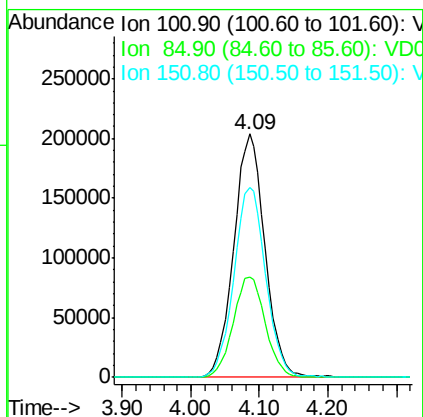
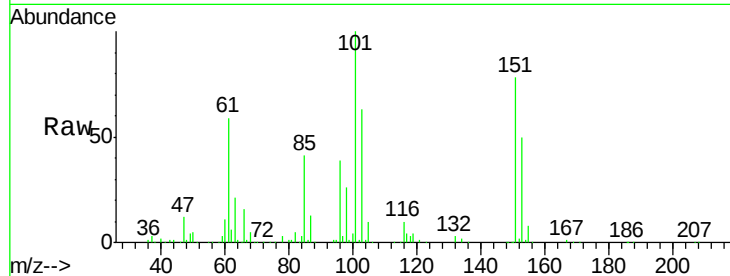
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	641824
Ion Ratio	Lower	Upper	
101	100		
85	42.6	34.2	51.2
151	79.9	63.5	95.3

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#10

Methyl Iodide

Concen: 160.424 ug/l

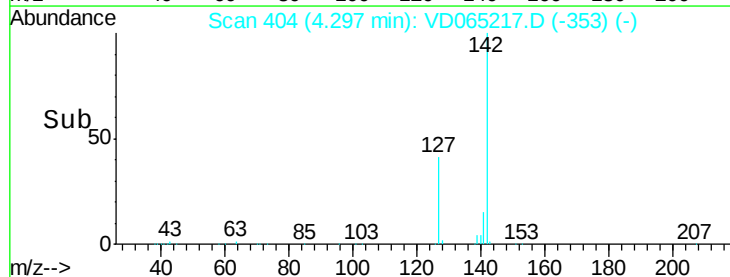
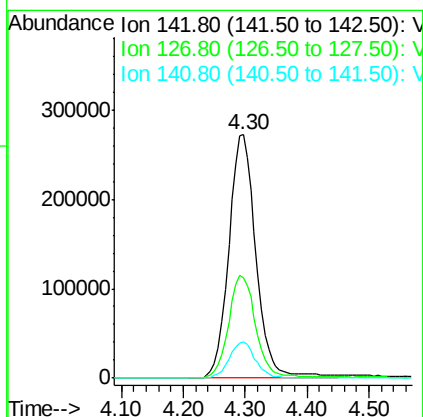
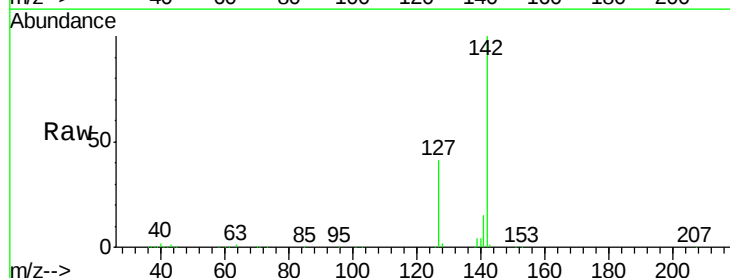
RT: 4.30 min Scan# 404

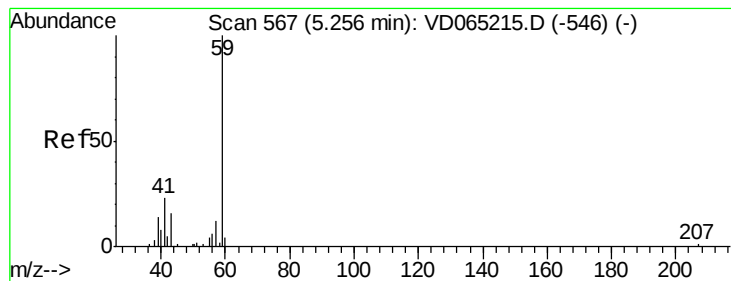
Delta R.T. 0.00 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Tgt Ion:	142	Resp:	834903
Ion Ratio	Lower	Upper	
142	100		
127	41.8	33.8	50.8
141	14.2	11.7	17.5





#11

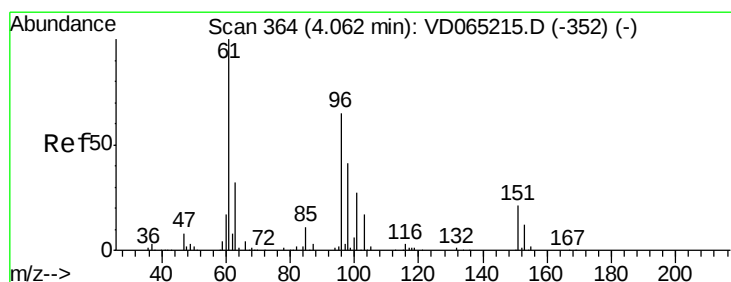
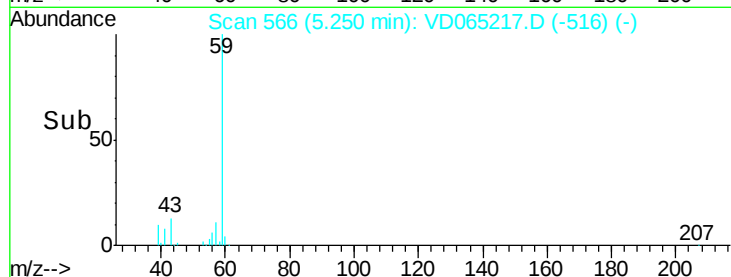
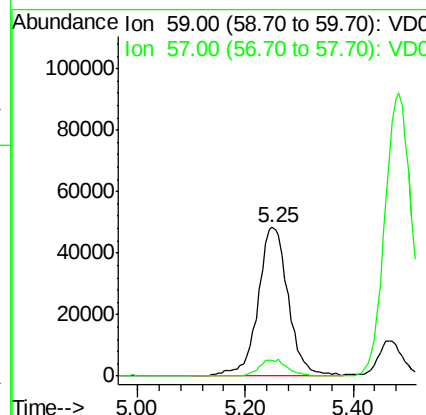
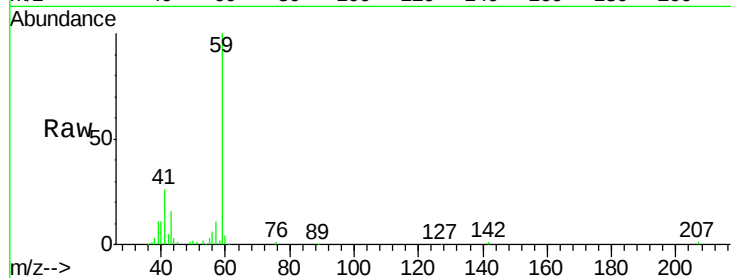
Tert butyl alcohol
Concen: 680.488 ug/l
RT: 5.25 min Scan# 566
Delta R.T. -0.01 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Instrument :
MSVOA_D
ClientSampled :
VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	100		186821		
57	10.7		8.4	12.6	

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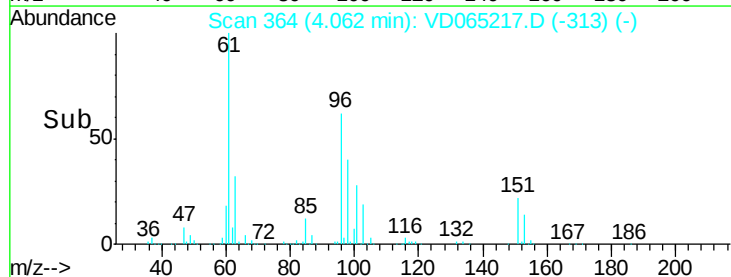
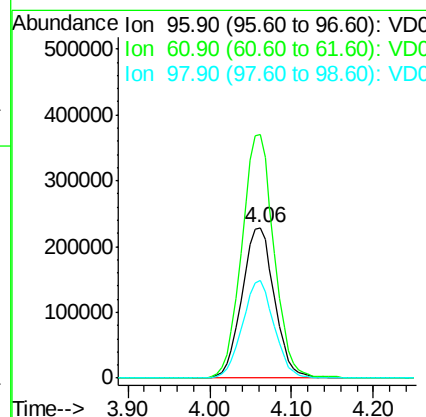
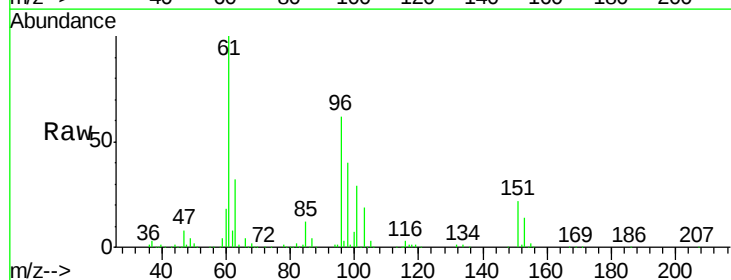
MMDadoda
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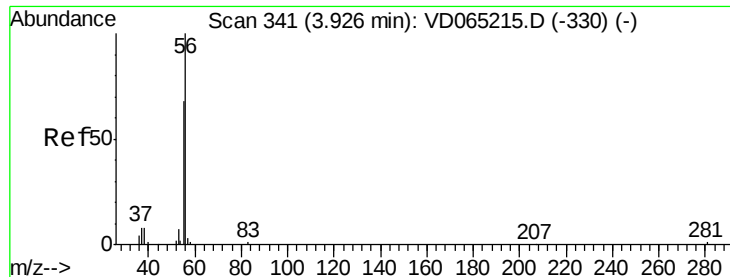


#12

1,1-Dichloroethene
Concen: 133.612 ug/l
RT: 4.06 min Scan# 364
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	100		632651		
61	161.8		123.3	184.9	
98	64.9		51.0	76.4	





#13

Acrolein

Concen: 568.339 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 232282

Ion Ratio Lower Upper

56 100

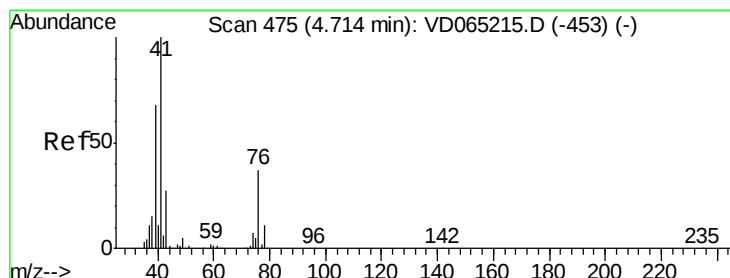
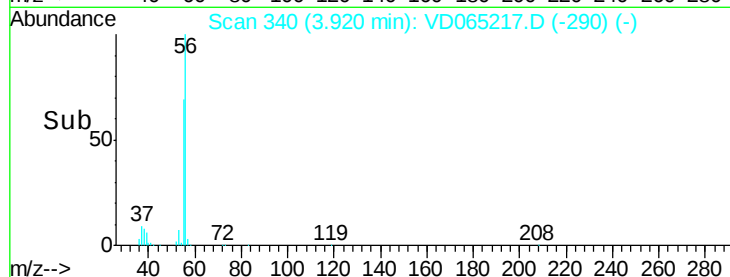
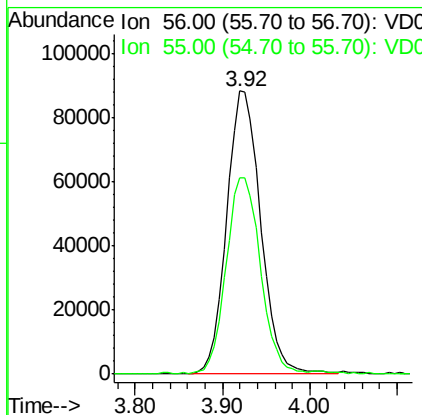
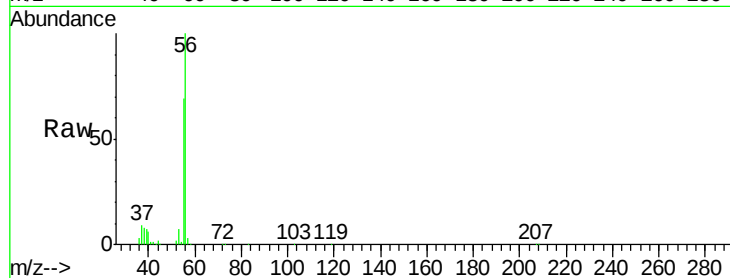
55 69.6 56.6 85.0

Manual Integrations

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#14

Allyl chloride

Concen: 141.807 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

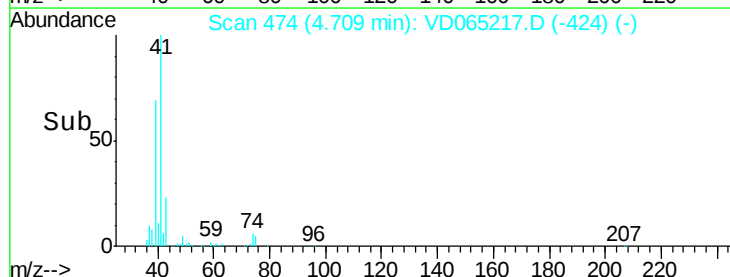
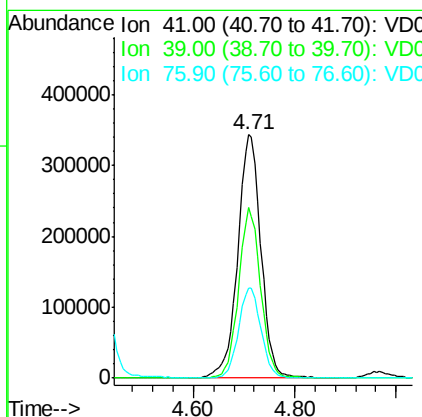
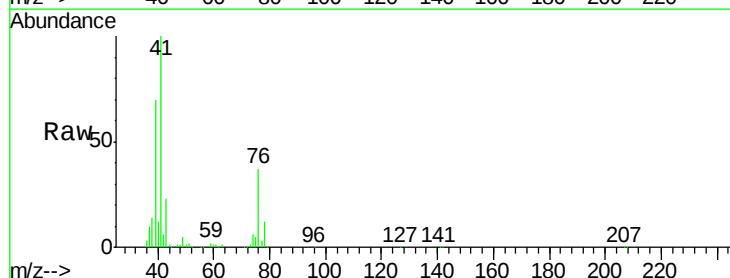
Tgt Ion: 41 Resp: 1090375

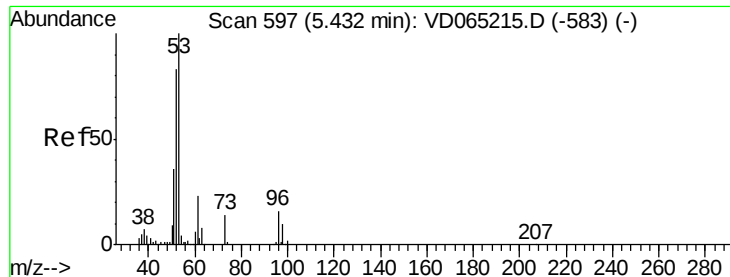
Ion Ratio Lower Upper

41 100

39 66.3 53.8 80.6

76 35.1 28.7 43.1





#15

Acrylonitrile

Concen: 717.589 ug/l

RT: 5.43 min Scan# 597

Delta R.T. 0.00 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Instrument :

MSVOA_D

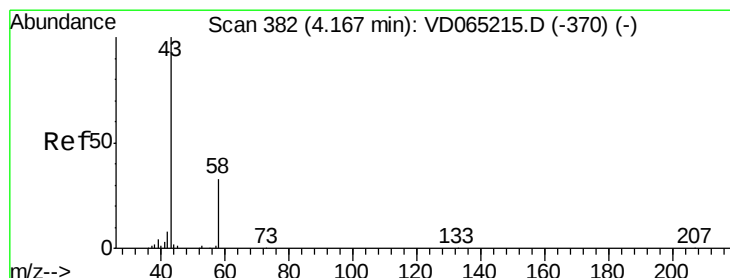
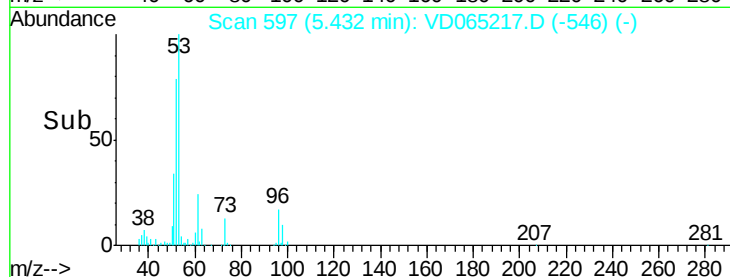
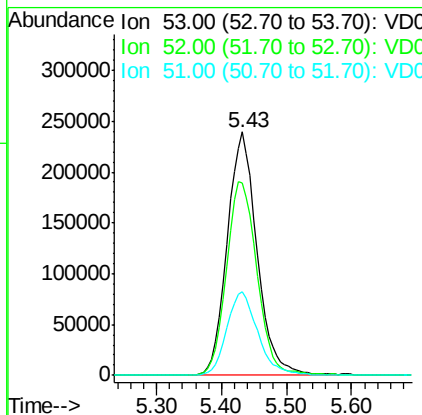
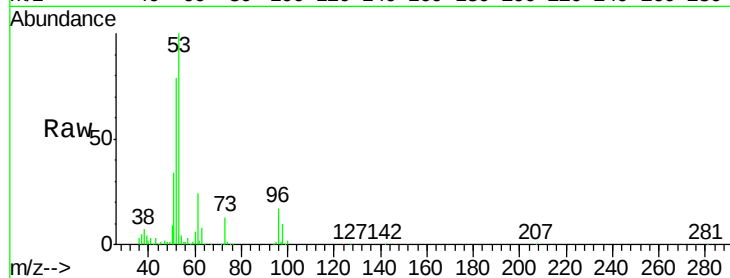
ClientSampleId :

VSTDIC150

Tot Ion:	53	Resp:	761182
Ion	Ratio	Lower	Upper
53	100		
52	81.7	65.4	98.2
51	35.9	29.5	44.3

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#16

Acetone

Concen: 715.756 ug/l

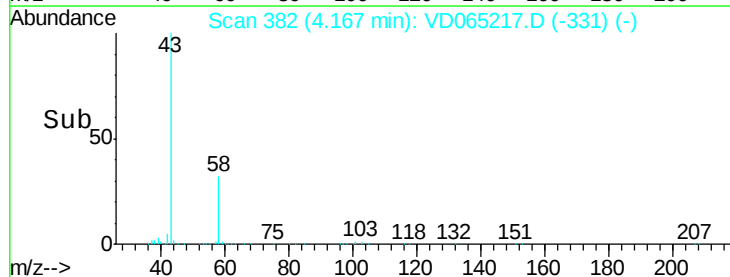
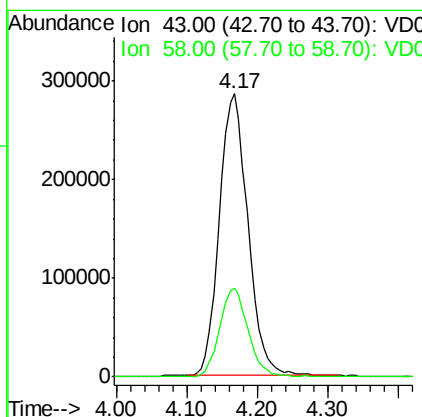
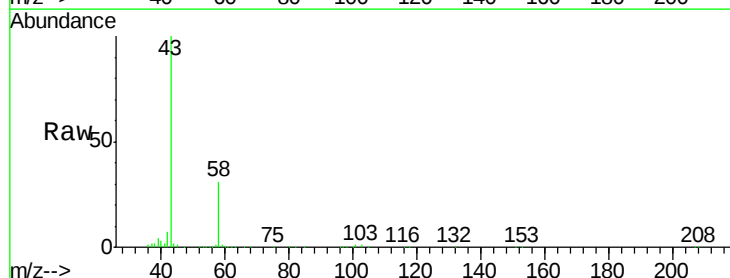
RT: 4.17 min Scan# 382

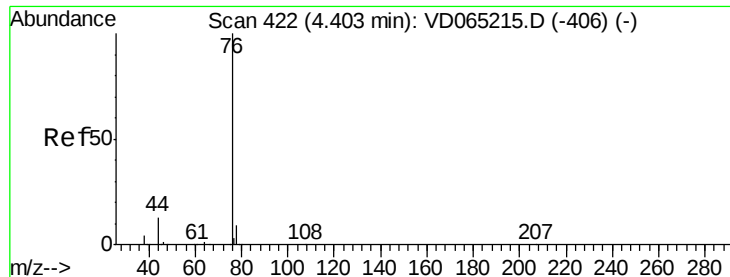
Delta R.T. 0.00 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Tgt Ion:	43	Resp:	803850
Ion	Ratio	Lower	Upper
43	100		
58	31.4	26.2	39.2





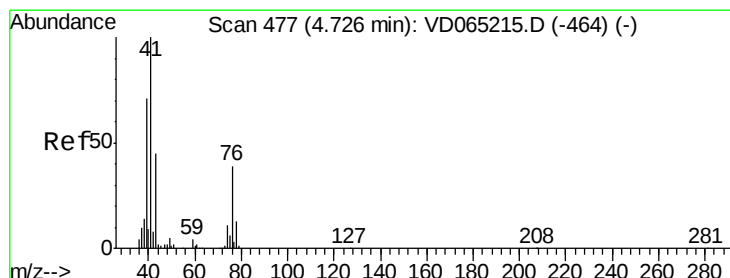
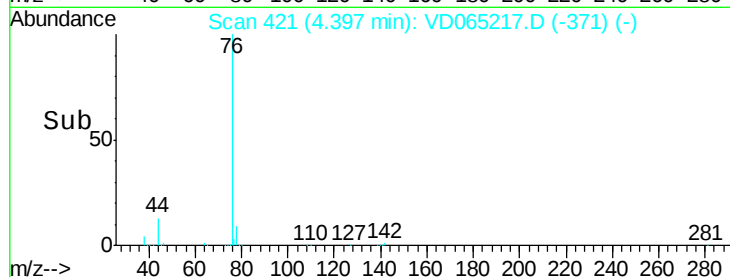
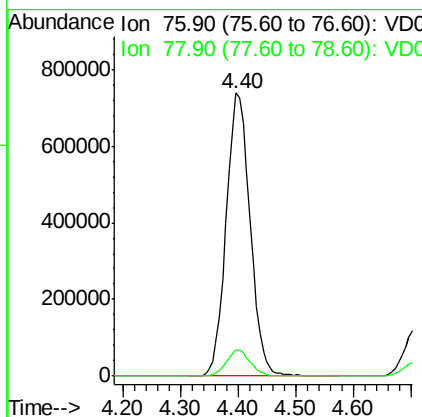
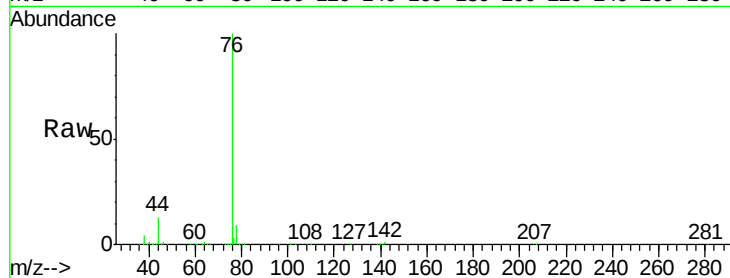
#17
Carbon Disulfide
Concen: 133.536 ug/l
RT: 4.40 min Scan# 421
Delta R.T. -0.01 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

Tot Ion: 76 Resp: 2119831
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6

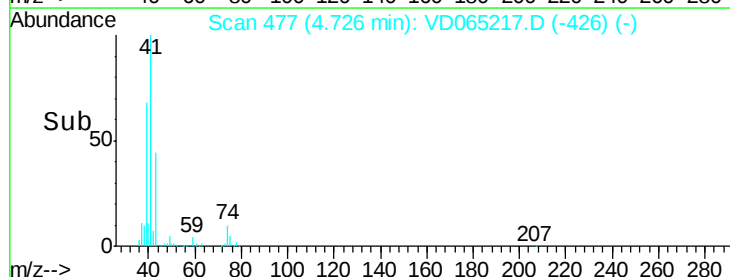
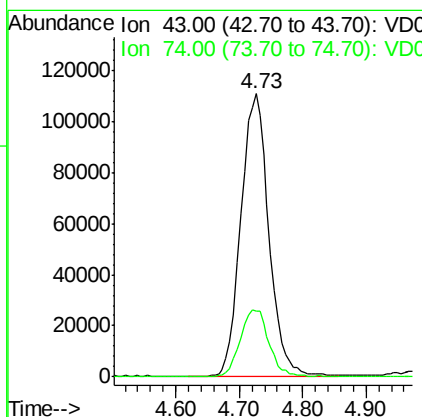
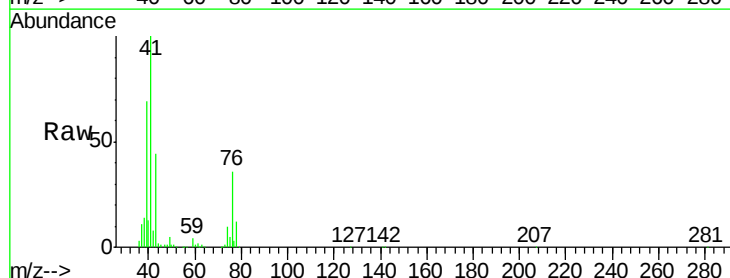
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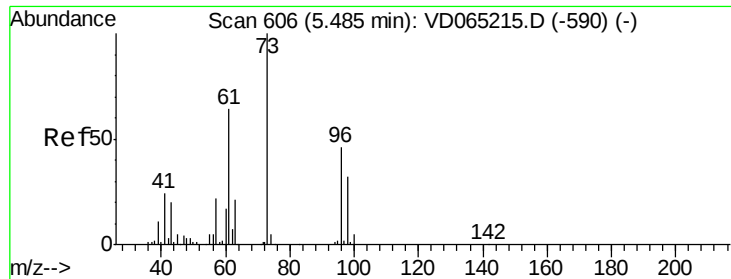
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#18
Methyl Acetate
Concen: 133.715 ug/l
RT: 4.73 min Scan# 477
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Tgt Ion: 43 Resp: 337749
Ion Ratio Lower Upper
43 100
74 24.5 19.4 29.2





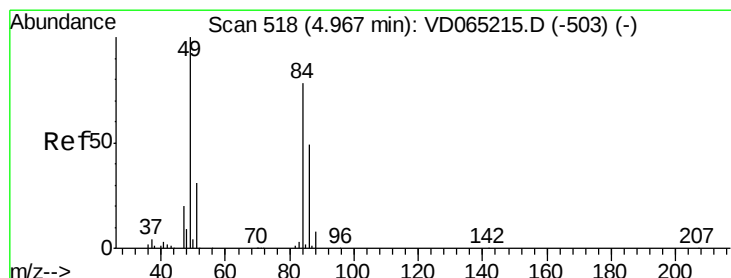
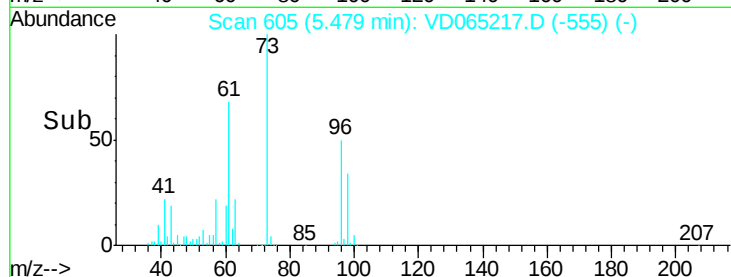
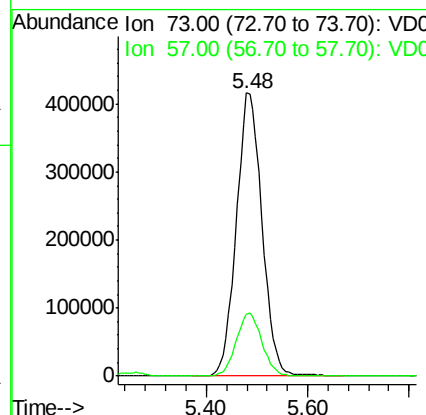
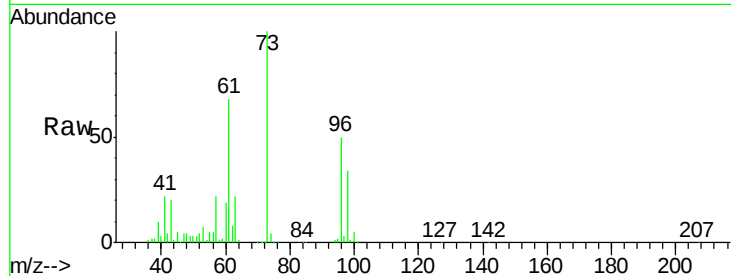
#19
Methyl tert-butyl Ether
Concen: 147.829 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.01 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion: 73 Resp: 1459674
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9

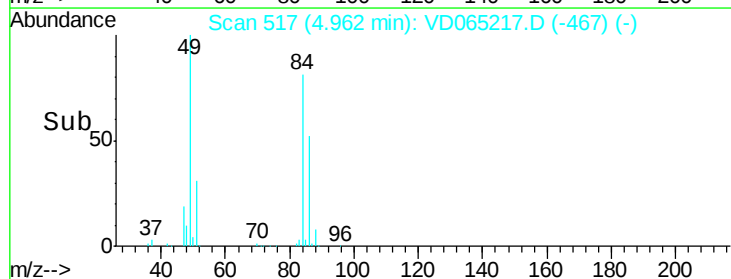
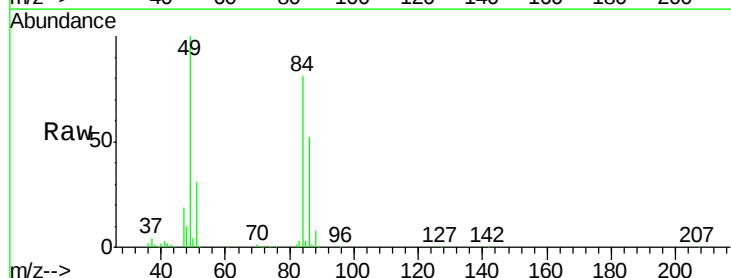
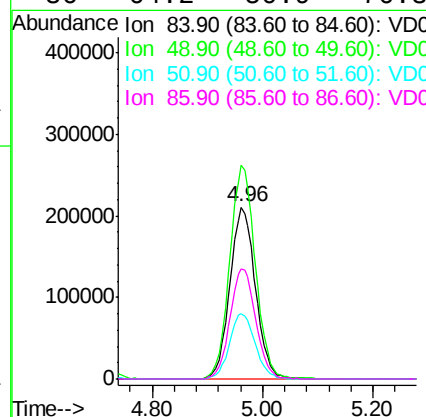
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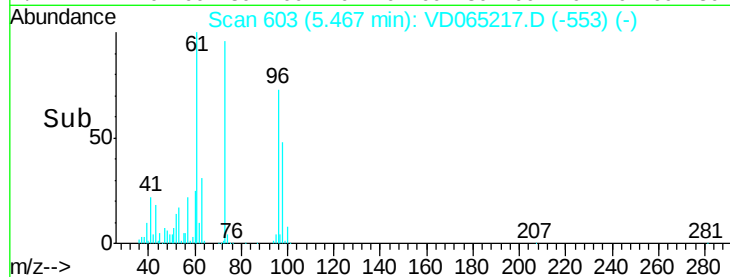
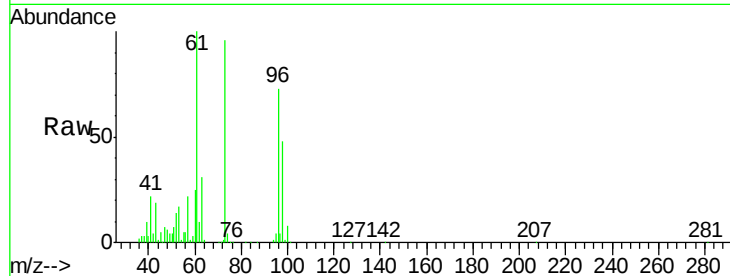
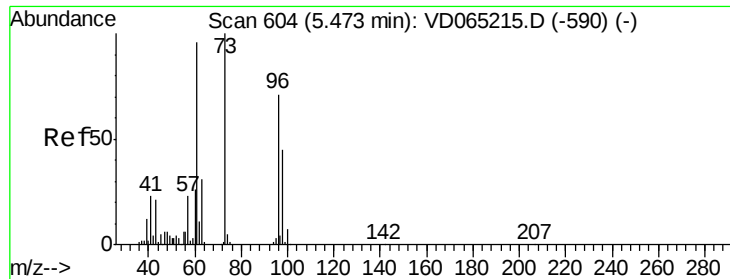
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#20
Methylene Chloride
Concen: 119.760 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Tgt Ion: 84 Resp: 682752
Ion Ratio Lower Upper
84 100
49 124.1 103.1 154.7
51 38.0 31.7 47.5
86 64.2 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 135.544 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD065217.D

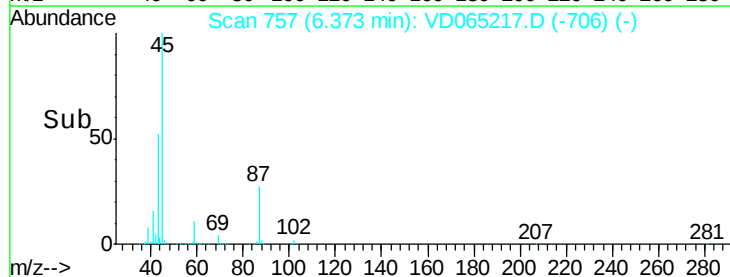
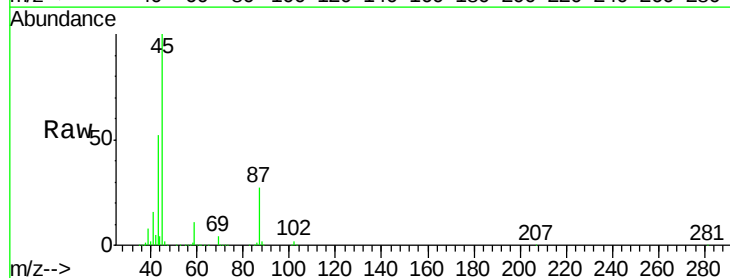
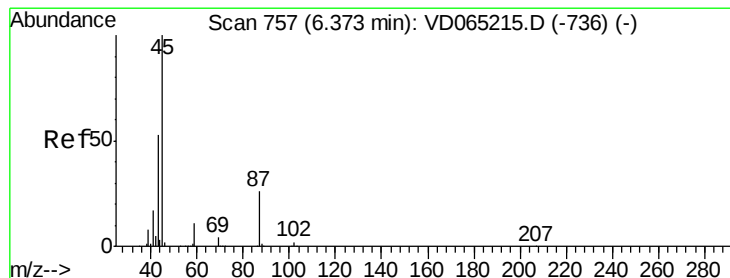
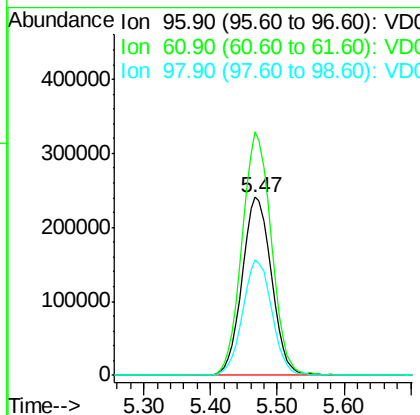
Acq: 18 Feb 2020 12:54

Tot Ion:	96	Resp:	729609
Ion	Ratio	Lower	Upper
96	100		
61	136.7	108.3	162.5
98	64.9	50.7	76.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

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#22

Diisopropyl ether

Concen: 141.305 ug/l

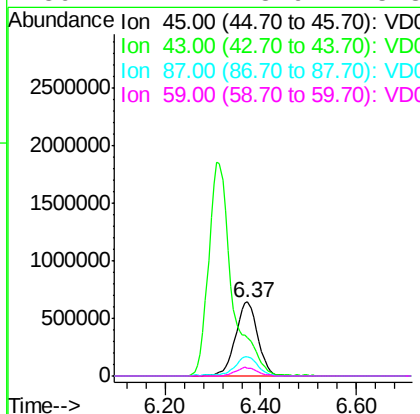
RT: 6.37 min Scan# 757

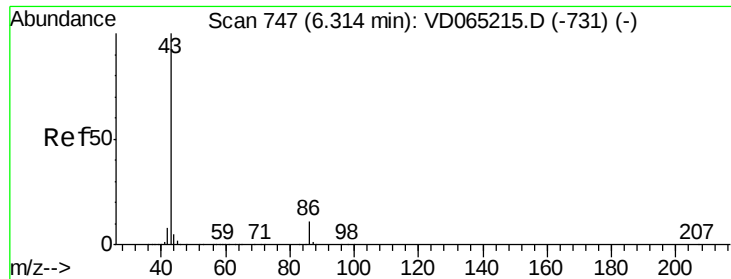
Delta R.T. 0.00 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Tgt Ion:	45	Resp:	2094571
Ion	Ratio	Lower	Upper
45	100		
43	51.8	42.6	64.0
87	26.7	21.2	31.8
59	11.2	8.9	13.3





#23

Vinyl Acetate

Concen: 770.541 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 6296750

Ion Ratio Lower Upper

43 100

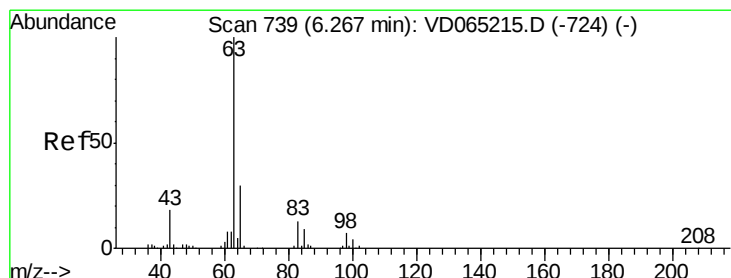
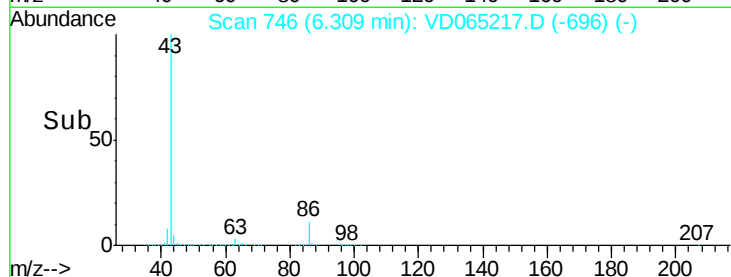
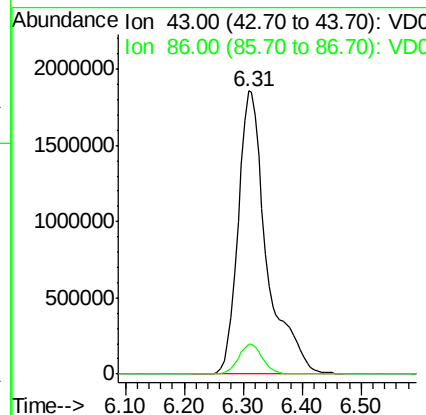
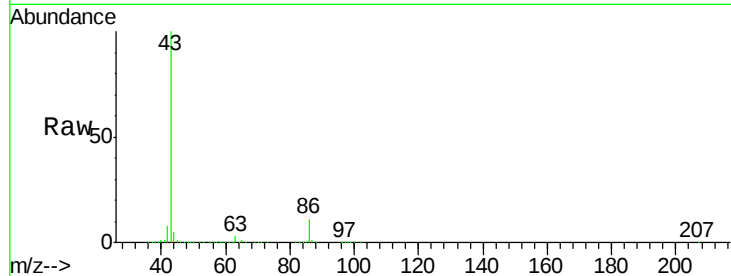
86 10.6 8.6 12.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 133.636 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

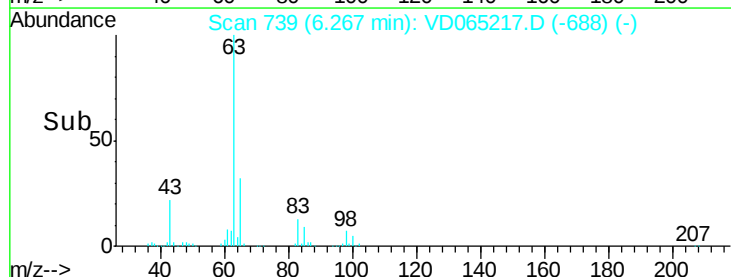
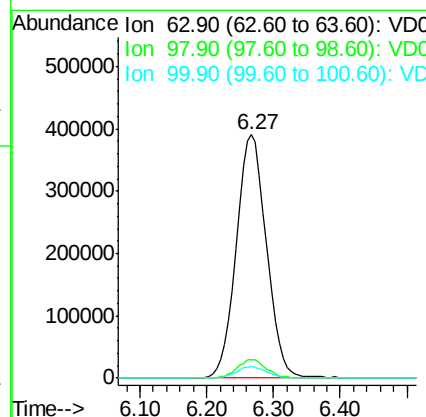
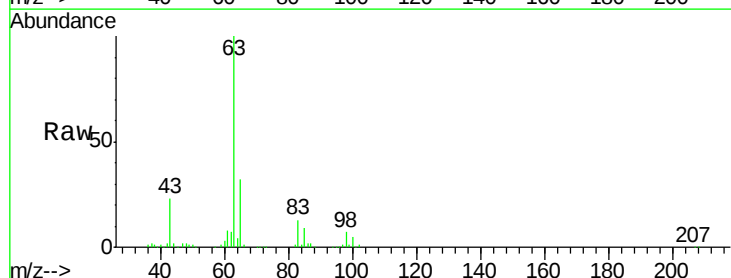
Tgt Ion: 63 Resp: 1228670

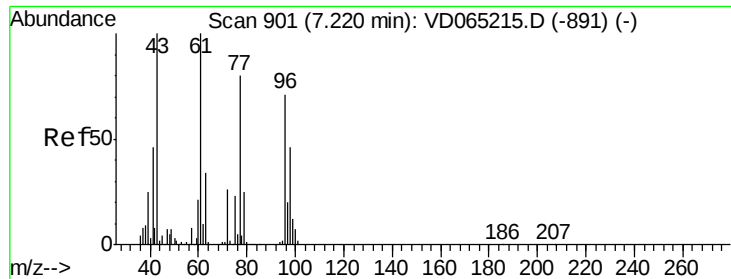
Ion Ratio Lower Upper

63 100

98 7.5 3.4 10.1

100 4.8 2.3 6.8





#25

2-Butanone

Concen: 728.162 ug/l

RT: 7.23 min Scan# 902

Delta R.T. 0.01 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 1034674

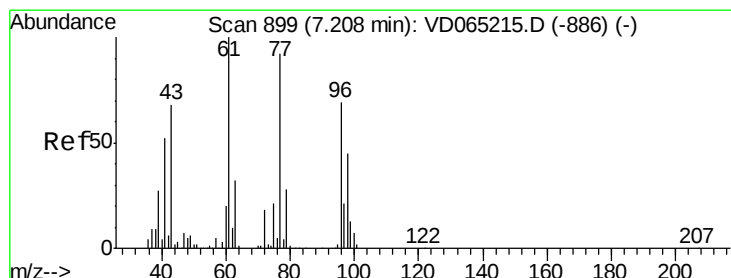
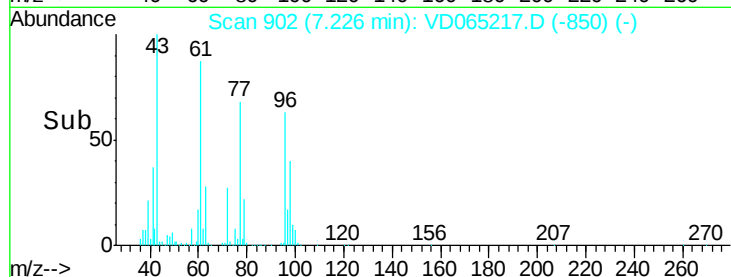
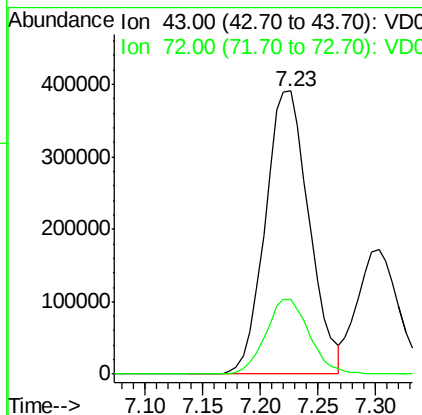
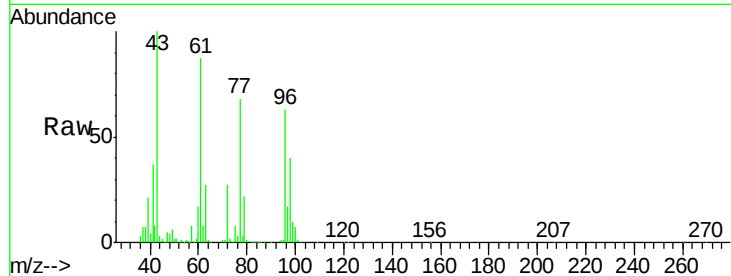
Ion Ratio Lower Upper

43 100

72 26.6 20.9 31.3

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 131.127 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD065217.D

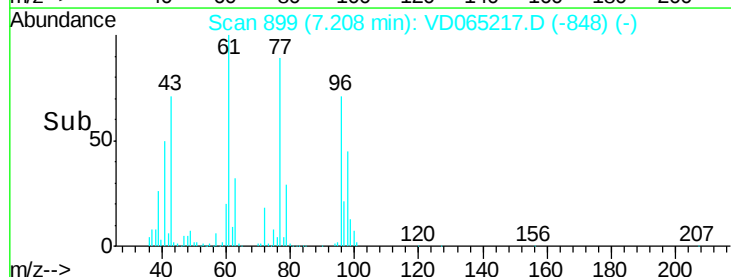
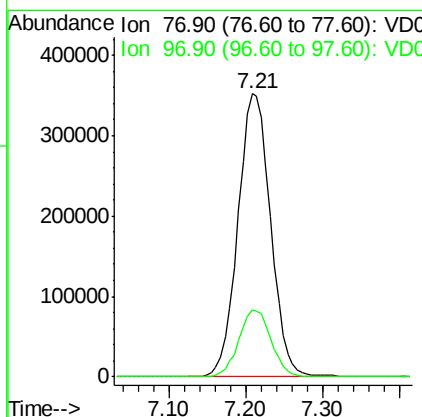
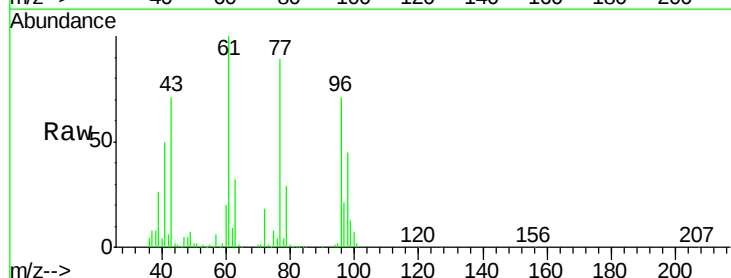
Acq: 18 Feb 2020 12:54

Tgt Ion: 77 Resp: 1046025

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.1





#27

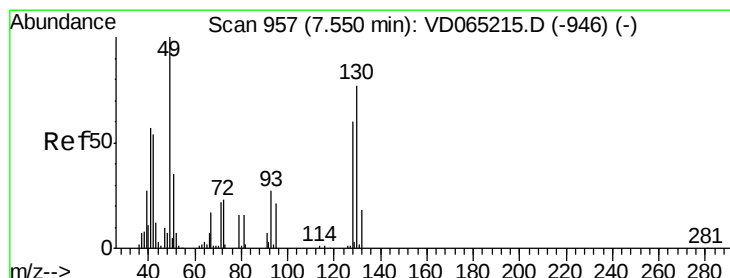
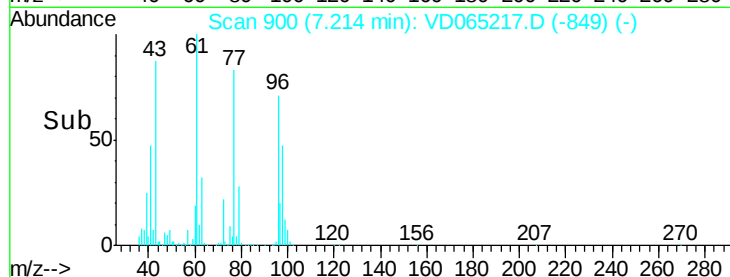
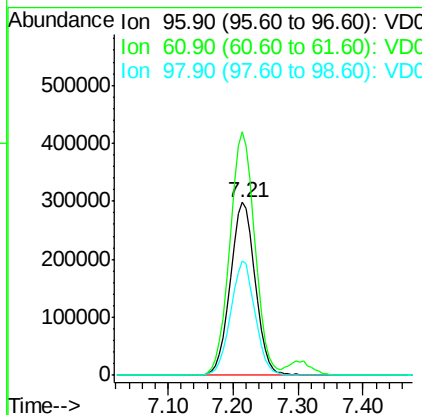
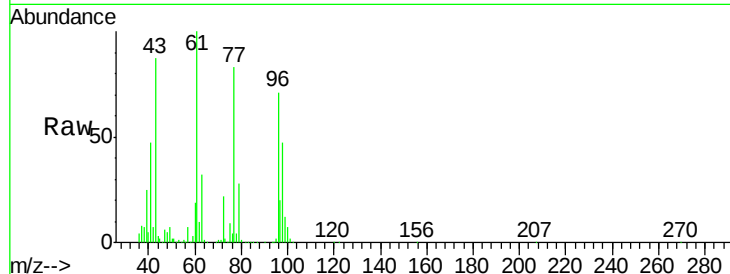
cis-1,2-Dichloroethene
Concen: 138.883 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
96	100	791876		
61	140.9	0.0	286.0	
98	64.5	0.0	127.8	

Manual Integrations
APPROVED

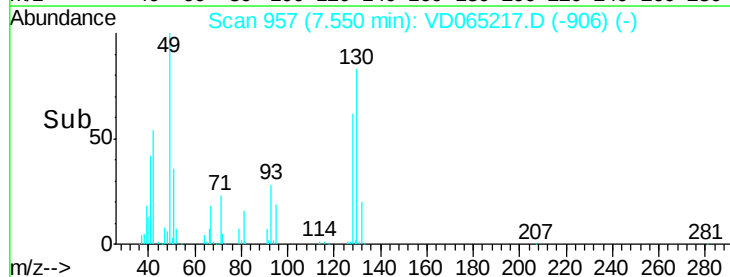
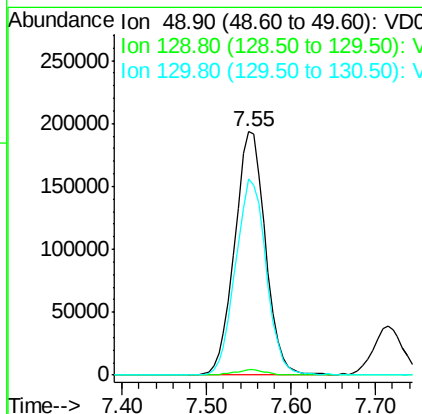
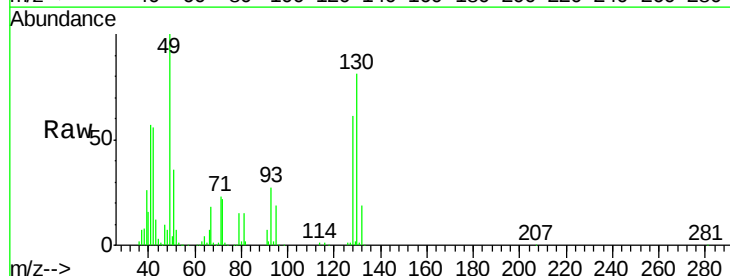
MMDadoda
2/19/2020 1:44:17 PM

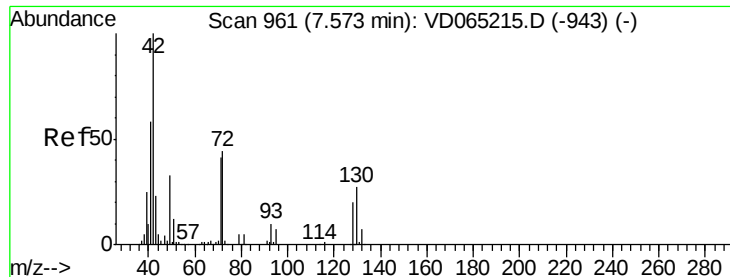


#28

Bromochloromethane
Concen: 142.691 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	486718		
129	2.2	0.0	4.6	
130	80.5	64.7	97.1	





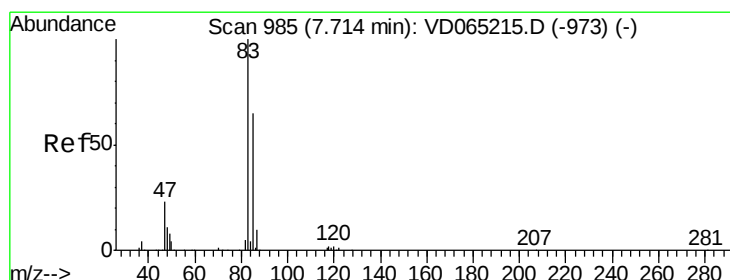
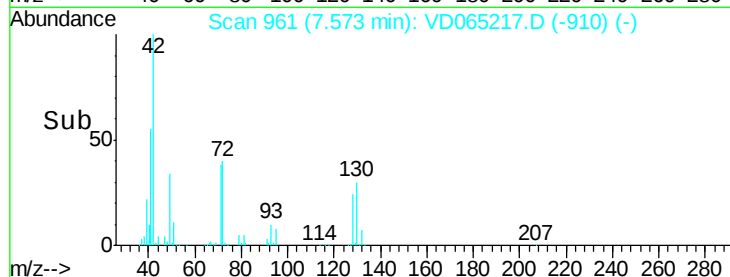
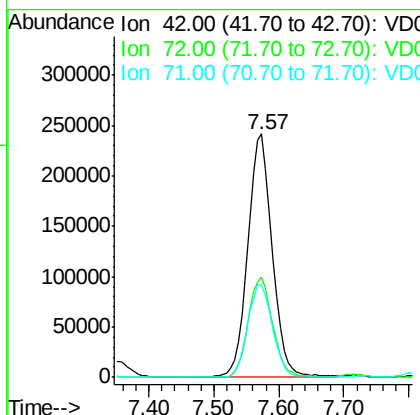
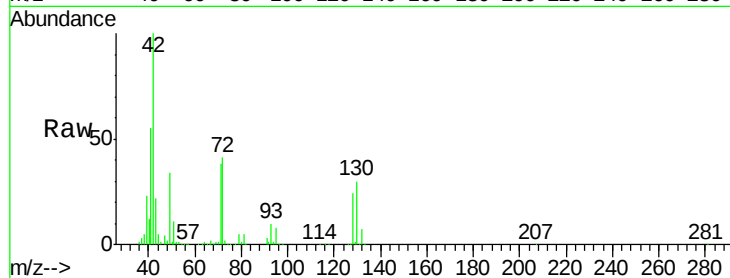
#29
Tetrahydrofuran
Concen: 751.066 ug/l
RT: 7.57 min Scan# 961
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.5	33.7	50.5
71	39.2	31.4	47.2

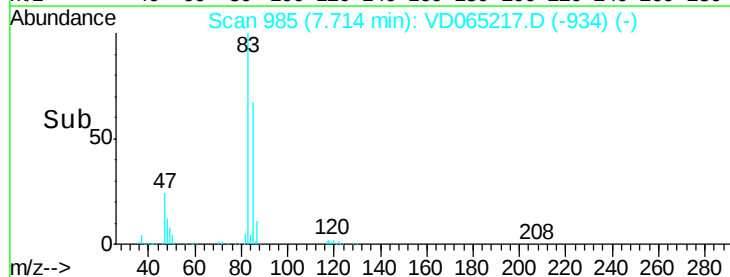
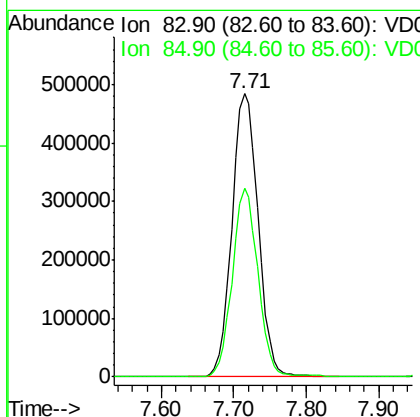
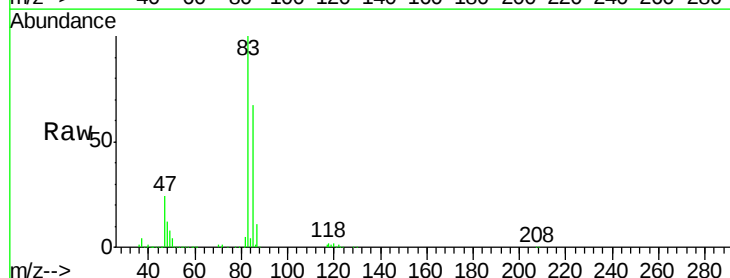
Manual Integrations
APPROVED

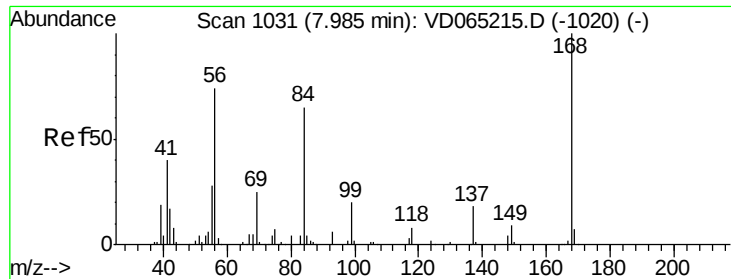
MMDadoda
2/19/2020 1:44:17 PM



#30
Chloroform
Concen: 131.559 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.8	52.3	78.5





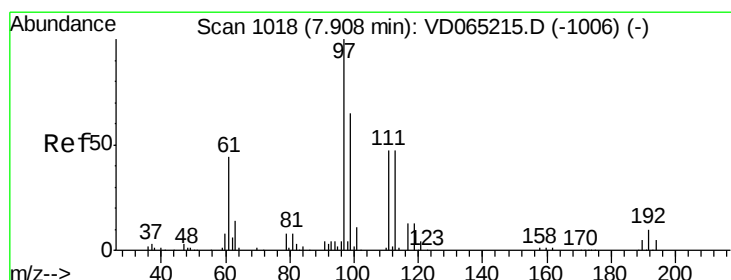
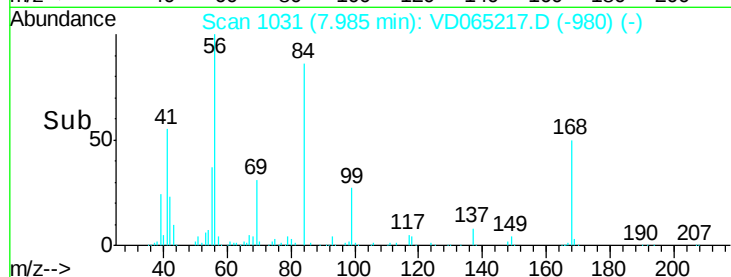
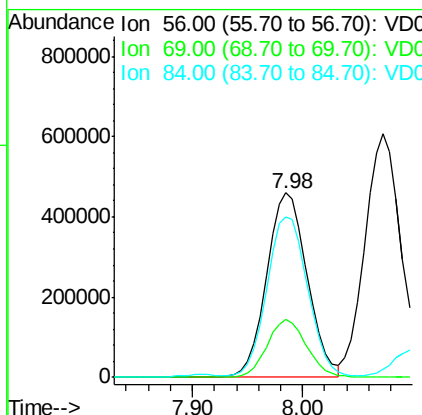
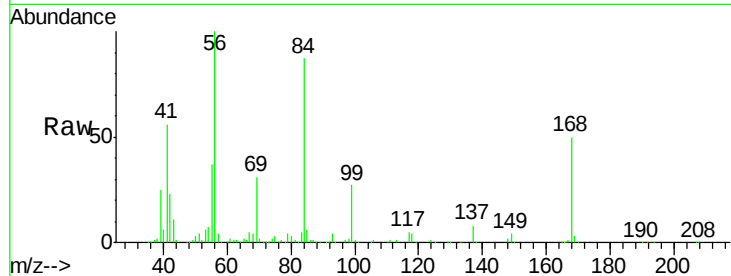
#31
Cyclohexane
Concen: 129.902 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion: 56 Resp: 1173470
Ion Ratio Lower Upper
56 100
69 31.5 27.4 41.0
84 85.9 71.1 106.7

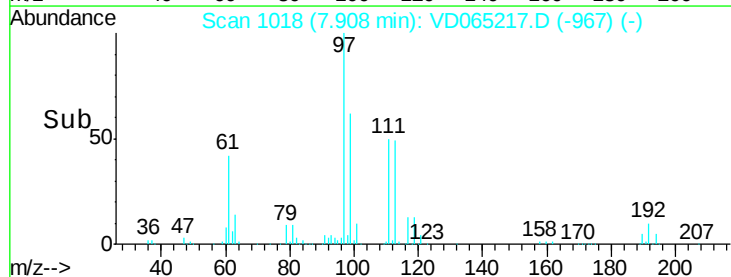
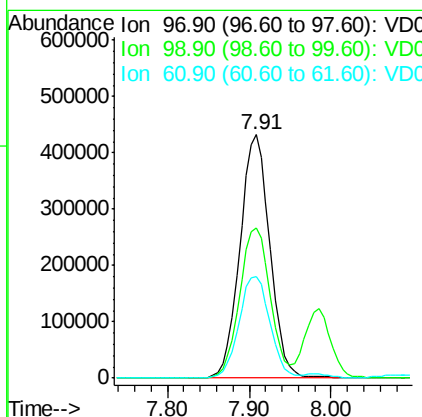
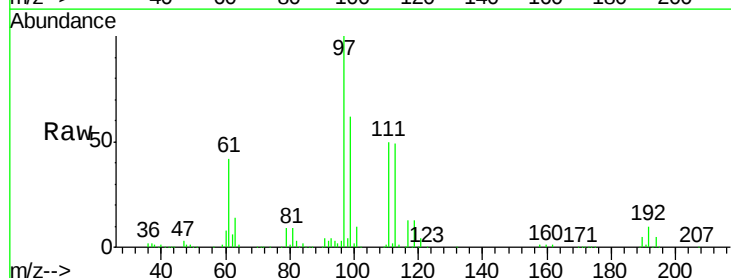
Manual Integrations
APPROVED

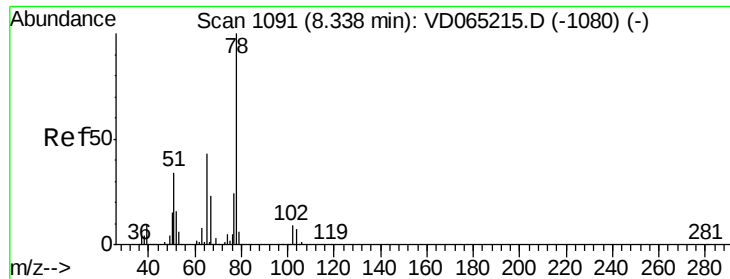
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2/19/2020 1:44:17 PM



#32
1,1,1-Trichloroethane
Concen: 132.510 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Tgt Ion: 97 Resp: 1098193
Ion Ratio Lower Upper
97 100
99 63.4 51.4 77.2
61 43.1 34.8 52.2





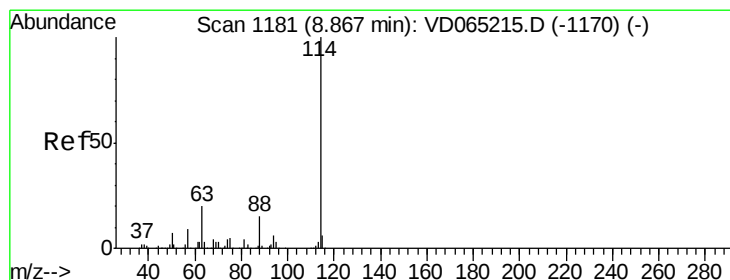
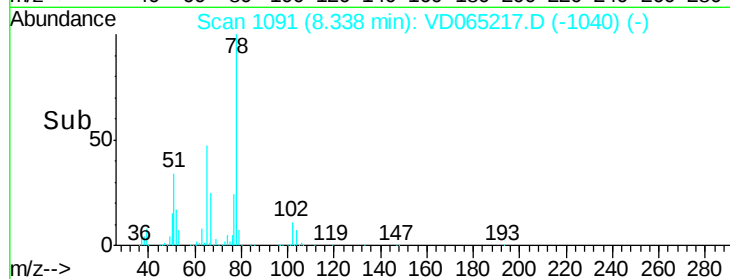
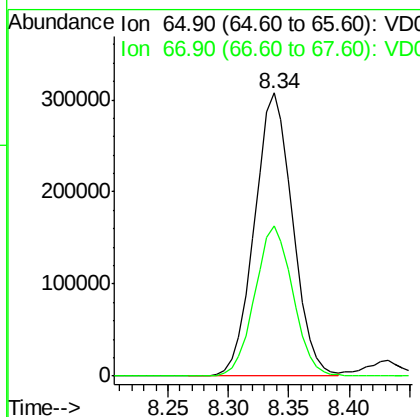
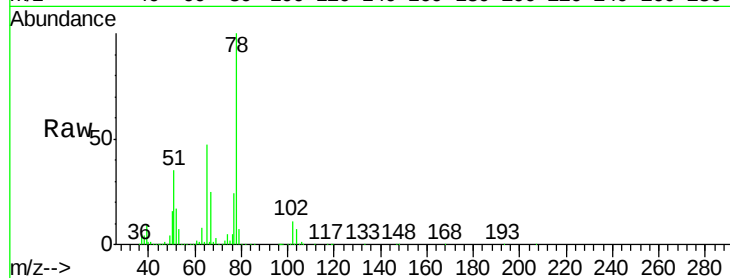
#33
 1,2-Dichloroethane-d4
 Concen: 146.704 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD065217.D
 Acq: 18 Feb 2020 12:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.1	0.0	106.8	

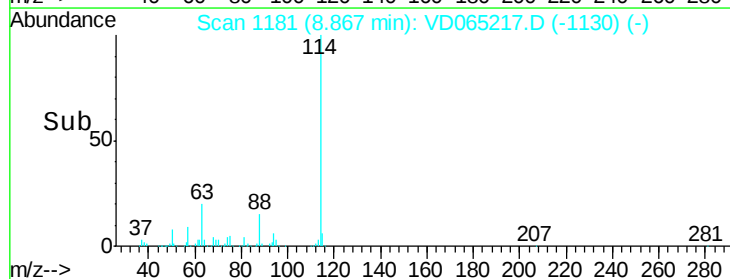
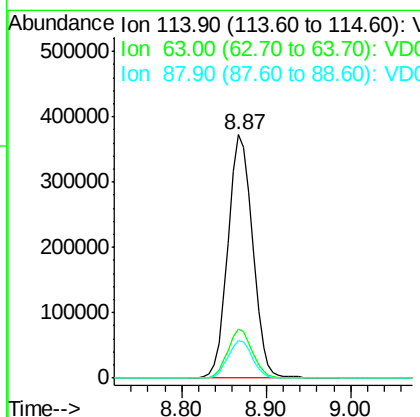
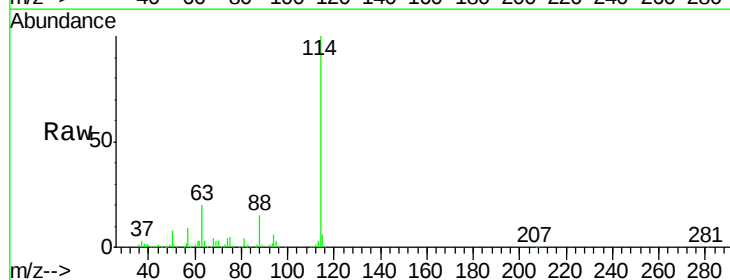
Manual Integrations
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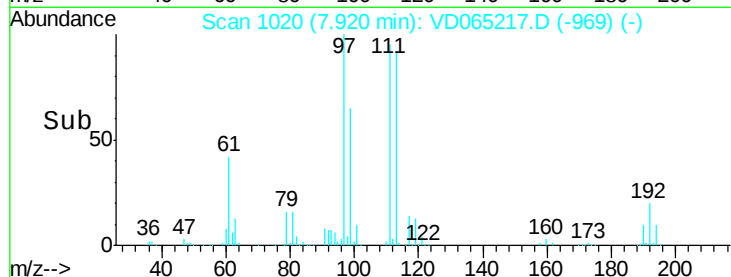
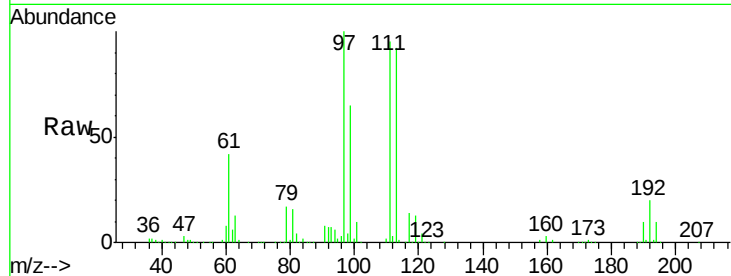
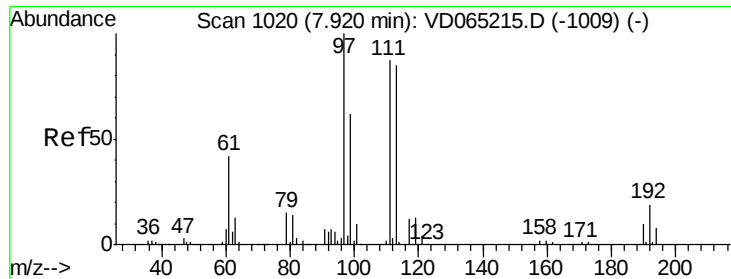
MMDadoda
 2/19/2020 1:44:17 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065217.D
 Acq: 18 Feb 2020 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.0	0.0	39.4	
88	15.5	0.0	30.4	





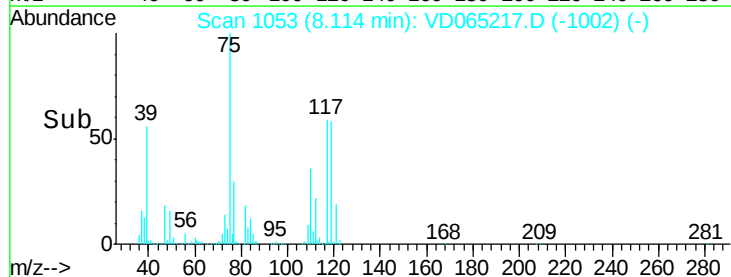
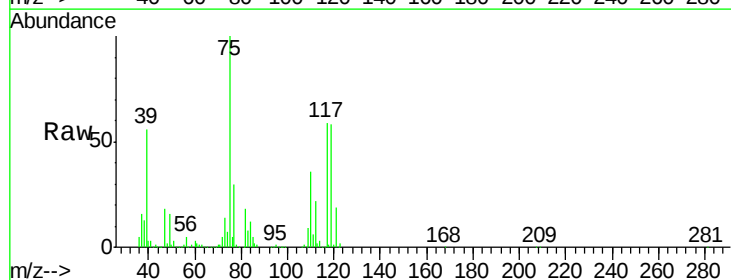
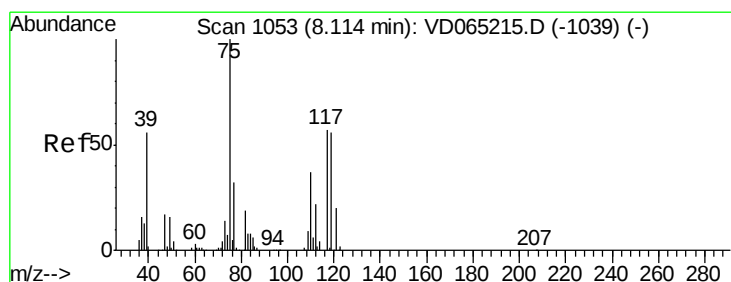
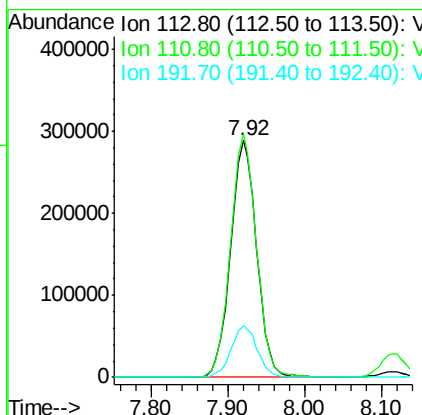
#35
Dibromofluoromethane
Concen: 149.728 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Tot Ion	Ratio	Resp	Lower	Upper
113	100	683623		
111	102.4		82.9	124.3
192	22.0		17.3	25.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

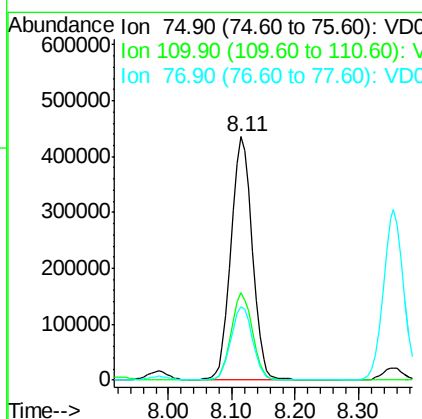
Manual Integrations
APPROVED

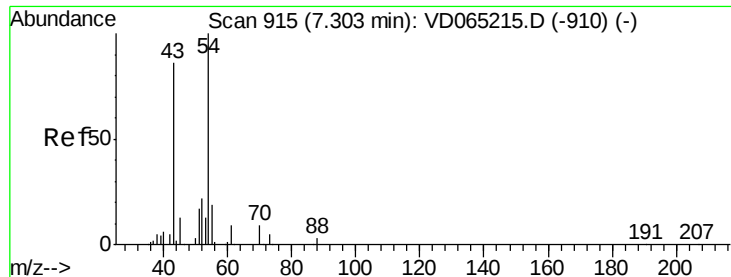
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2/19/2020 1:44:17 PM



#36
1,1-Dichloropropene
Concen: 137.413 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	1001182		
110	35.7		17.9	53.7
77	30.6		25.1	37.7





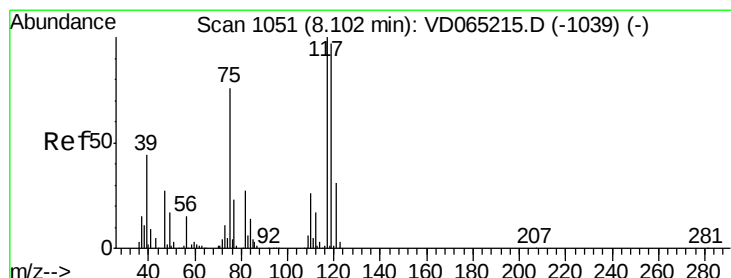
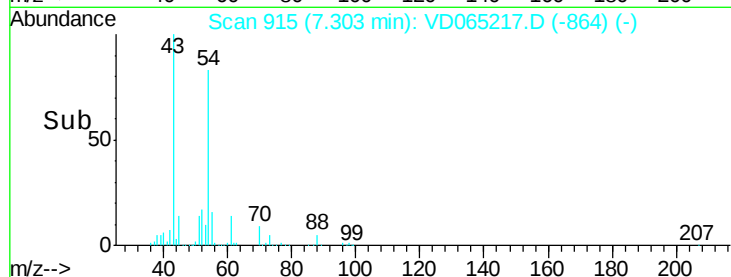
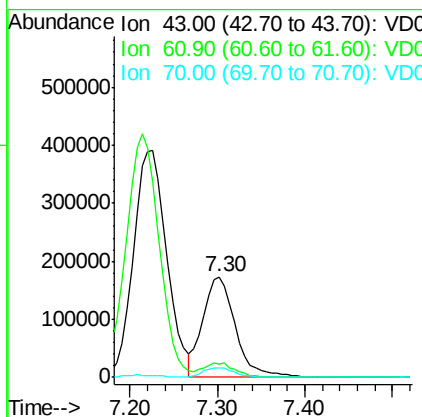
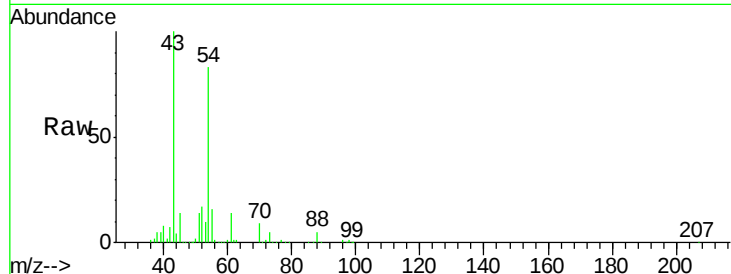
#37
Ethyl Acetate
Concen: 145.650 ug/l
RT: 7.30 min Scan# 915
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.2	16.8
70	9.9	8.2	12.2

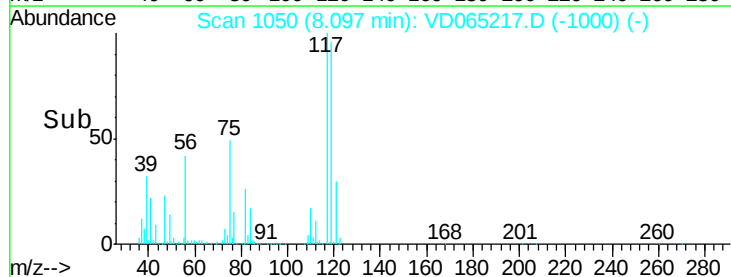
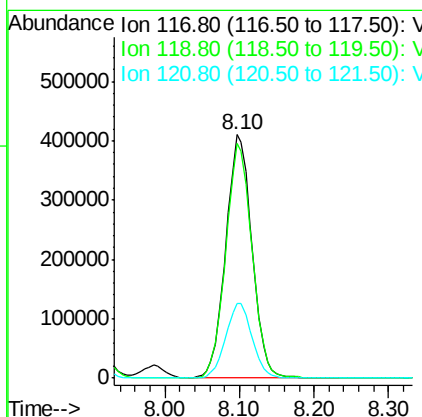
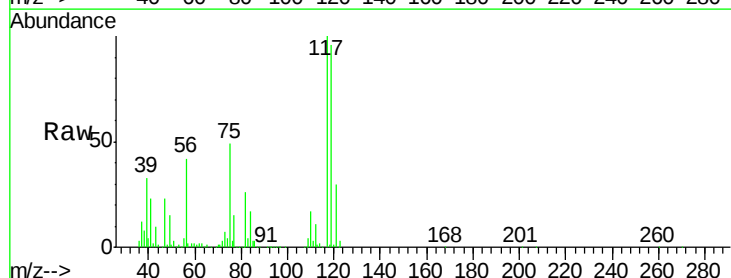
Manual Integrations
APPROVED

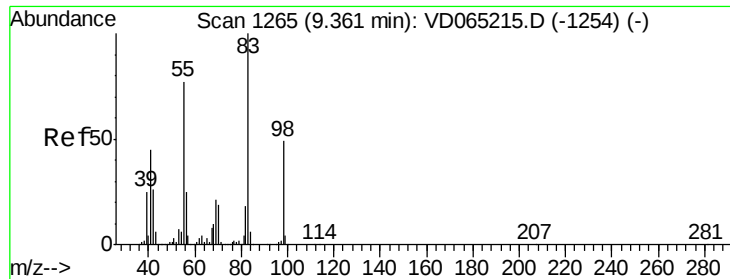
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#38
Carbon Tetrachloride
Concen: 135.127 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.6	116.4
121	30.5	24.8	37.2





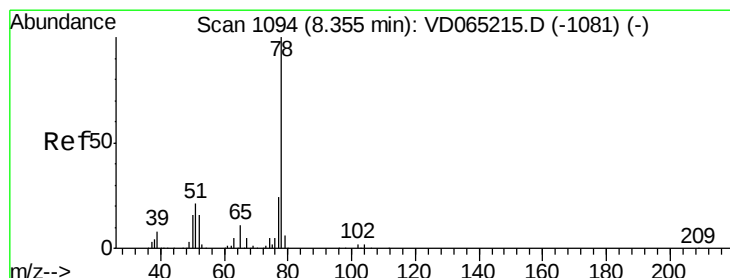
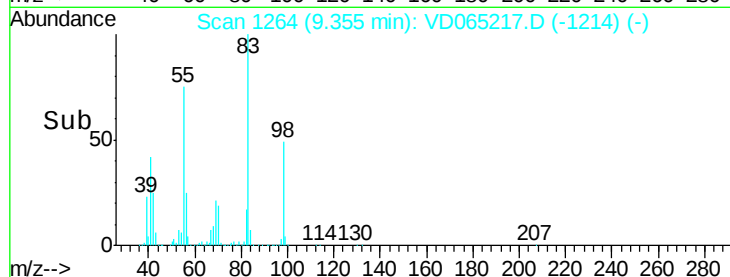
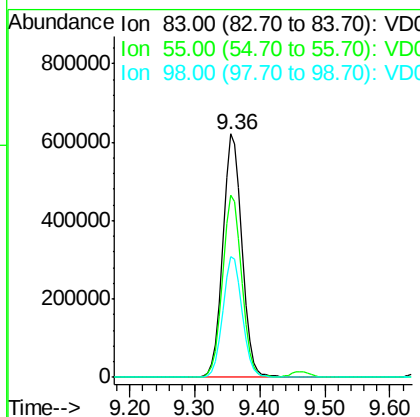
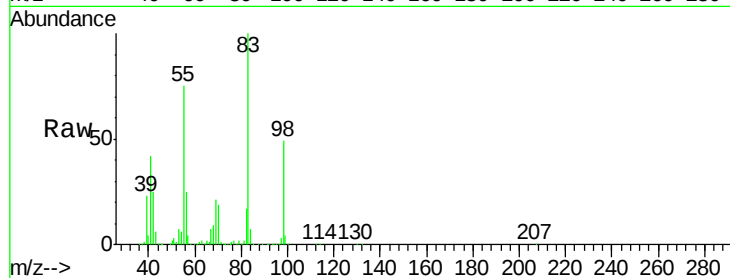
#39
Methvlcvclohexane
Concen: 147.809 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion: 83 Resp: 1266071
Ion Ratio Lower Upper
83 100
55 74.8 61.8 92.6
98 49.3 39.4 59.0

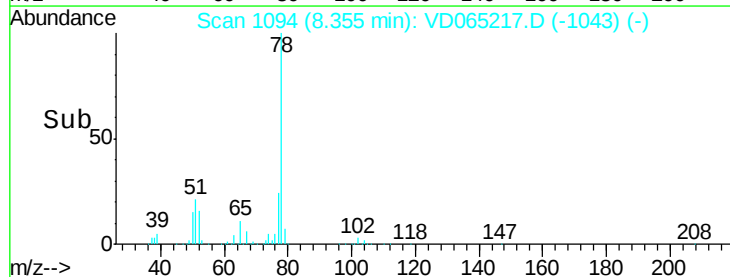
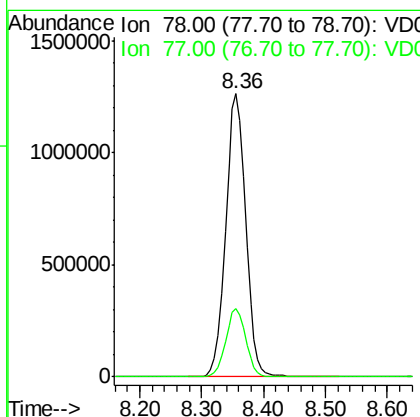
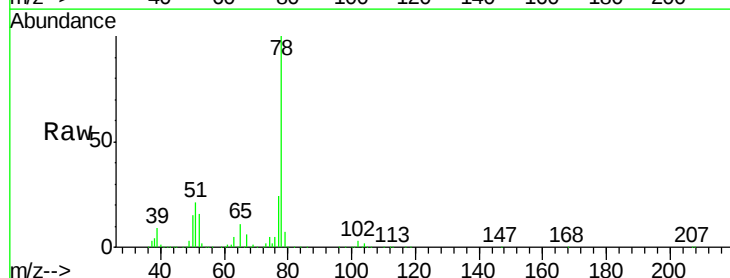
Manual Integrations
APPROVED

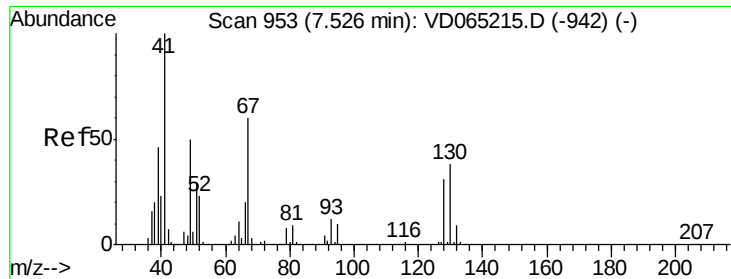
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#40
Benzene
Concen: 138.297 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Tgt Ion: 78 Resp: 2844096
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.6





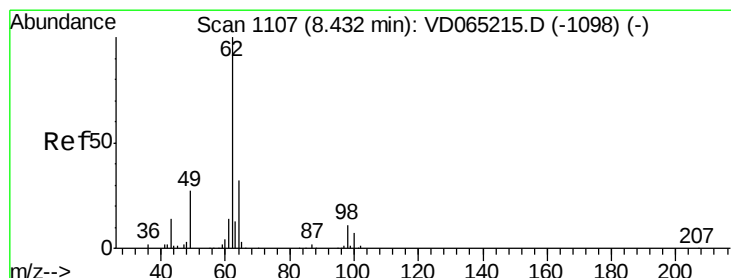
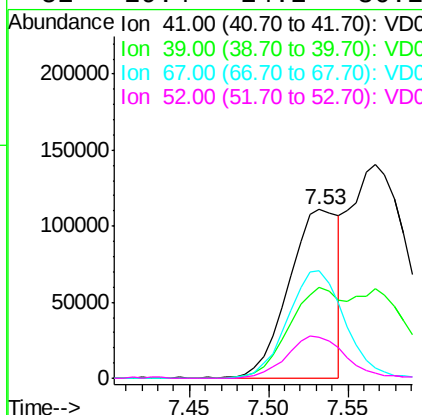
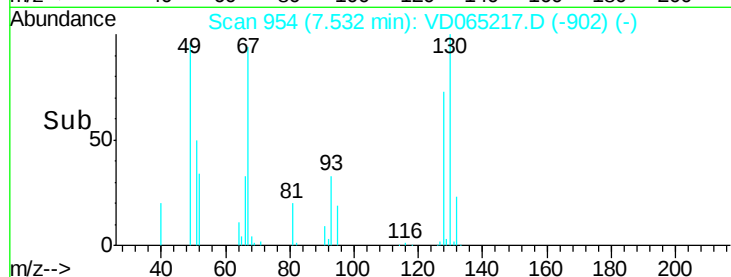
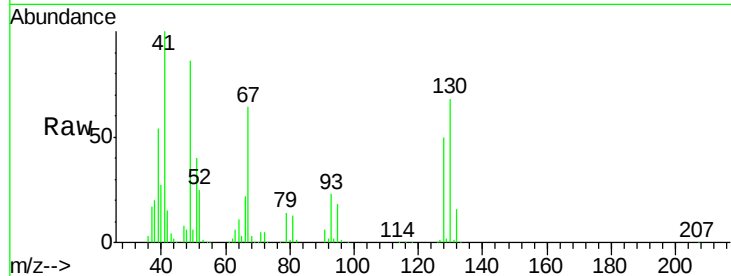
#41
Methacrylonitrile
Concen: 138.254 ug/l
RT: 7.53 min Scan# 954
Delta R.T. 0.01 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
41	100		
39	59.8	48.1	72.1
67	73.5	58.9	88.3
52	29.4	24.2	36.2

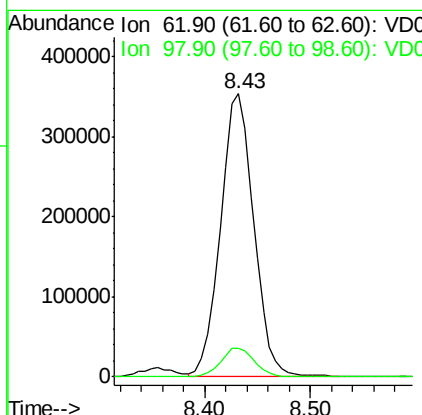
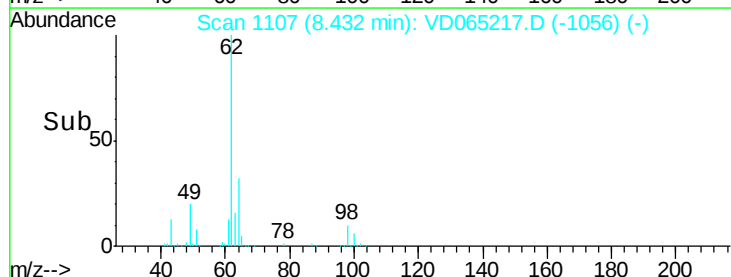
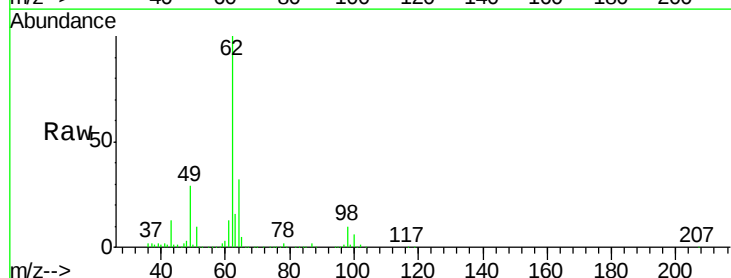
Manual Integrations
APPROVED

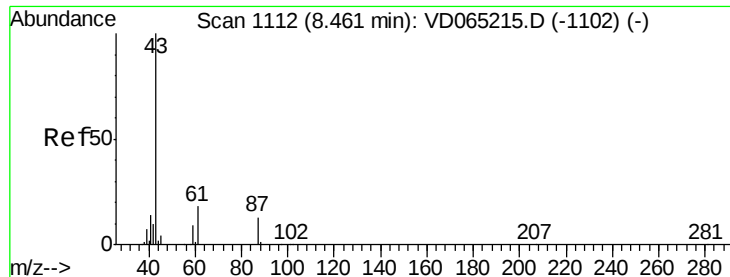
MMDadoda
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#42
1,2-Dichloroethane
Concen: 135.384 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.6





#43

Isopropyl Acetate

Concen: 149.206 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Instrument :

MSVOA_D

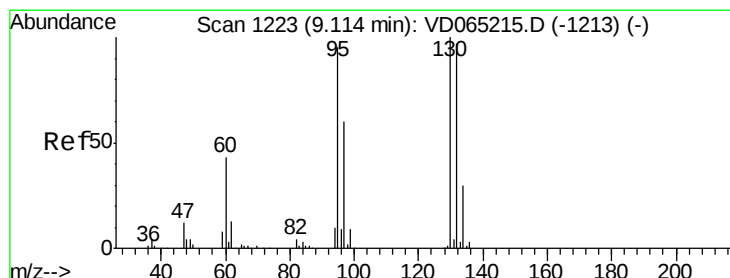
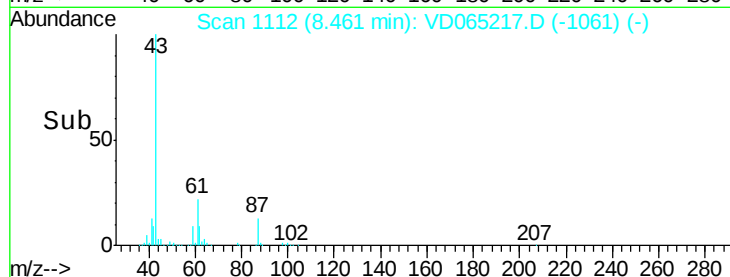
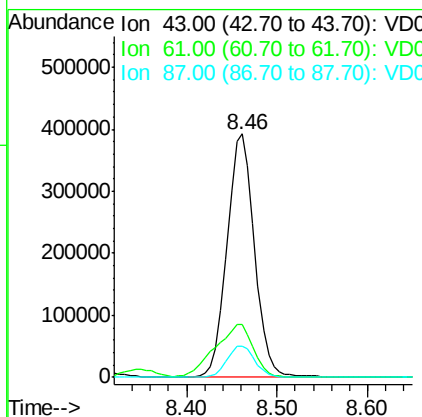
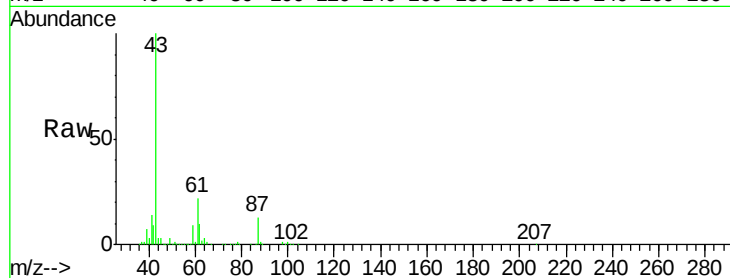
ClientSampleId :

VSTDIC150

Tot Ion:	43	Resp:	826420
Ion	Ratio	Lower	Upper
43	100		
61	30.3	24.6	36.8
87	13.1	10.6	16.0

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#44

Trichloroethene

Concen: 137.051 ug/l

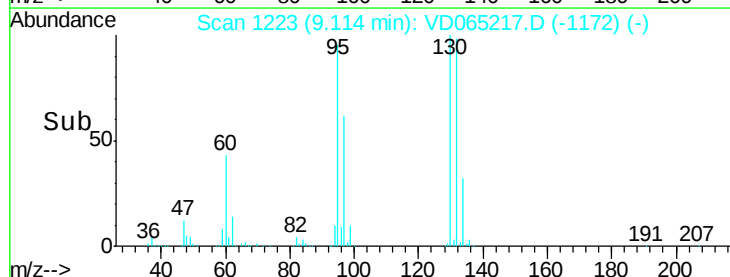
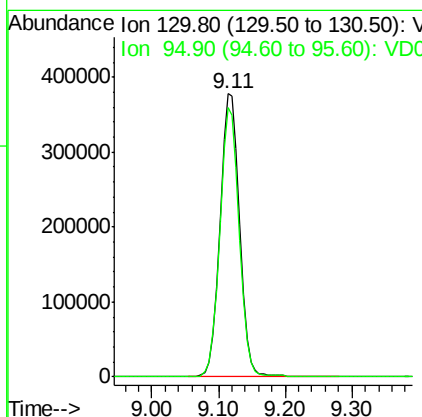
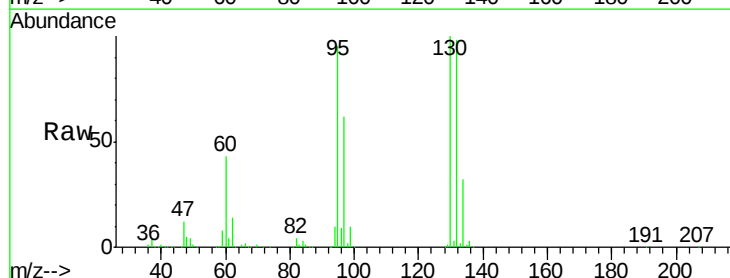
RT: 9.11 min Scan# 1223

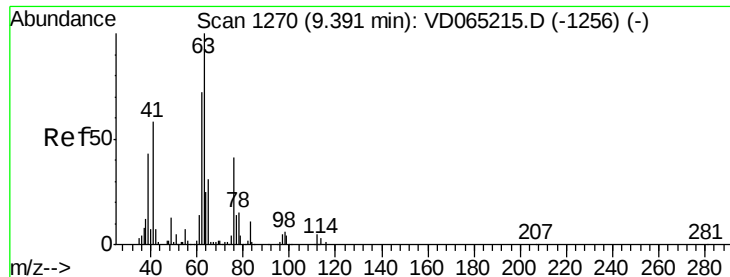
Delta R.T. 0.00 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Tgt Ion:	130	Resp:	781271
Ion	Ratio	Lower	Upper
130	100		
95	95.2	0.0	190.6





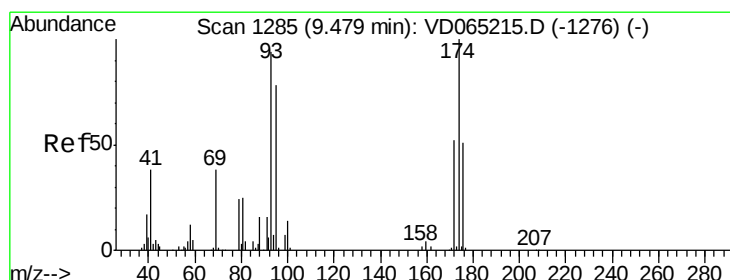
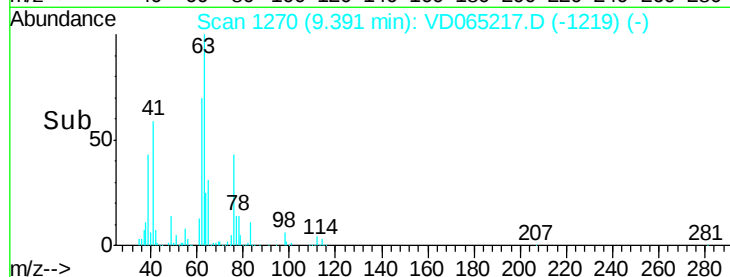
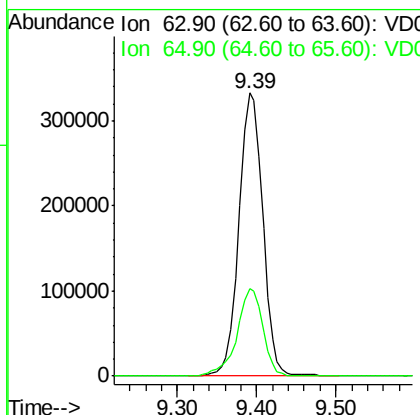
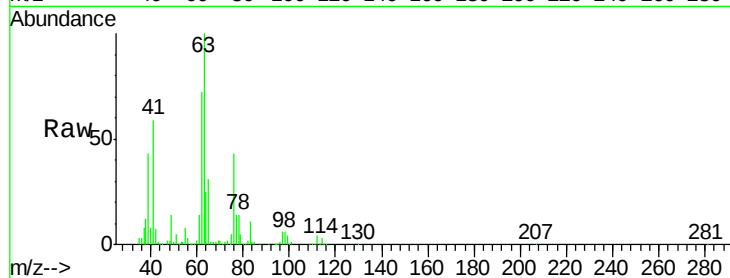
#45
 1,2-Dichloropropane
 Concen: 136.320 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD065217.D
 Acq: 18 Feb 2020 12:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	24.9	37.3

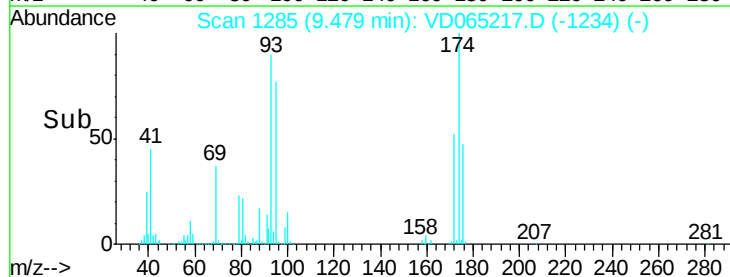
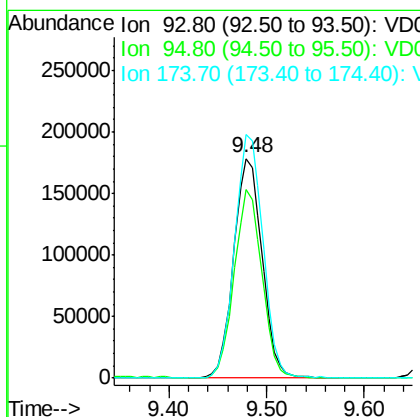
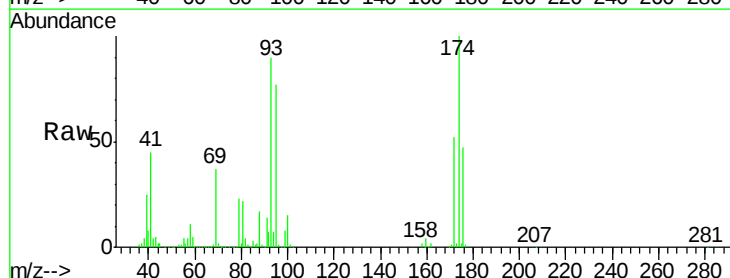
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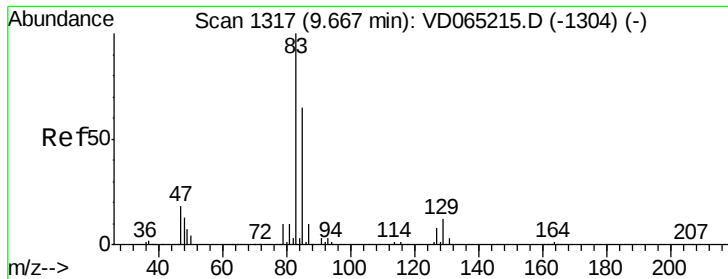
MMDadoda
 2/19/2020 1:44:17 PM



#46
 Dibromomethane
 Concen: 137.955 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD065217.D
 Acq: 18 Feb 2020 12:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.3	65.8	98.6
174	110.6	86.8	130.2





#47

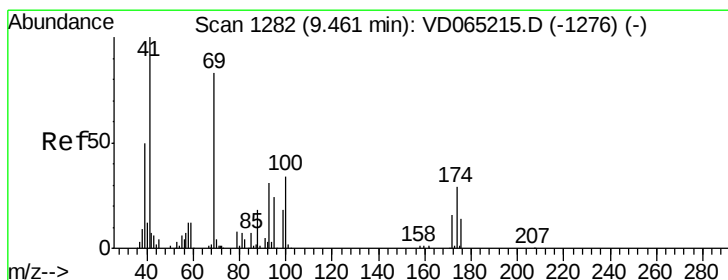
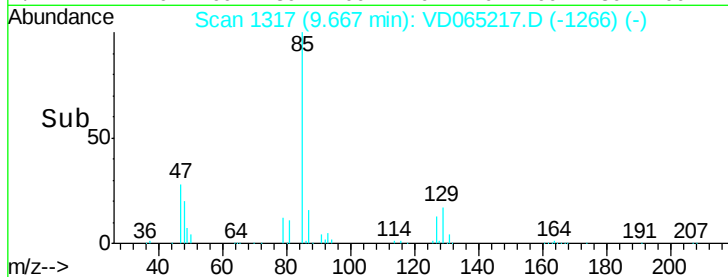
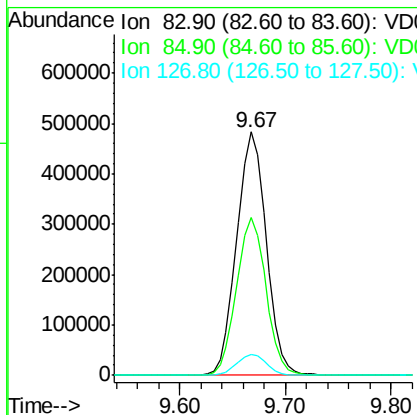
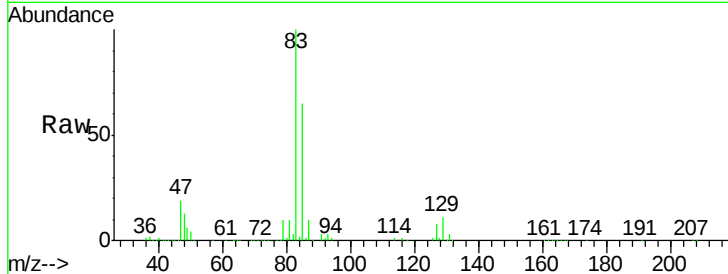
Bromodichloromethane
Concen: 135.306 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	83	85	127	Resp	Lower	Upper
938198	100	64.7	8.5		52.0	78.0
					6.7	10.1

Manual Integrations
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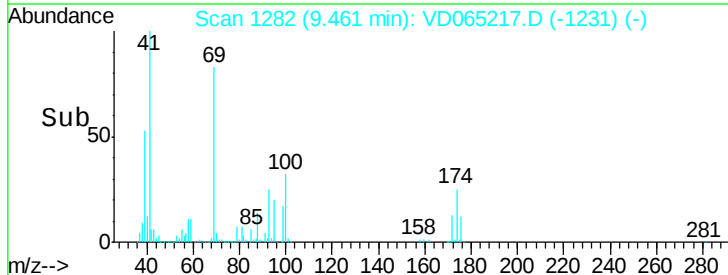
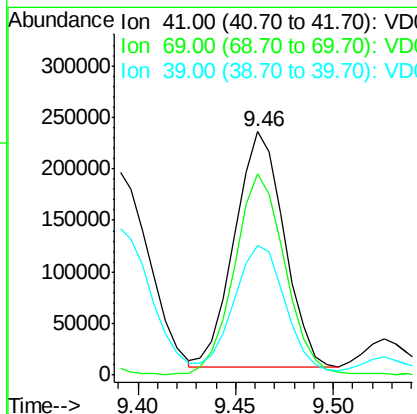
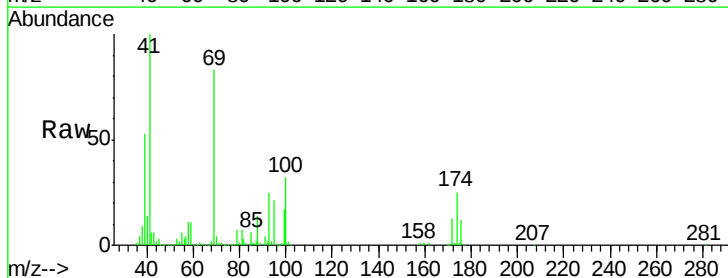
MMDadoda
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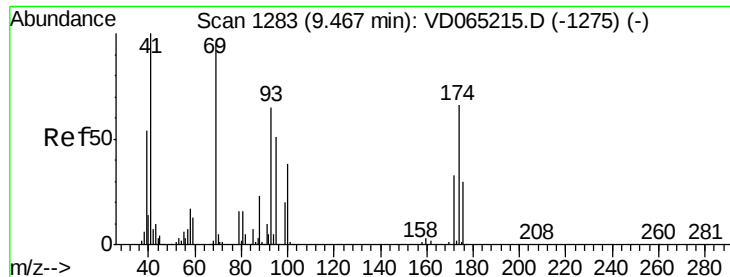


#48

Methyl methacrylate
Concen: 156.186 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Tgt Ion	41	69	39	Resp	Lower	Upper
399866	100	87.7	53.7		68.2	102.2
					42.0	63.0





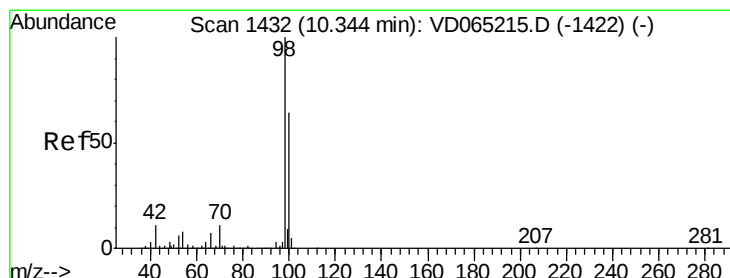
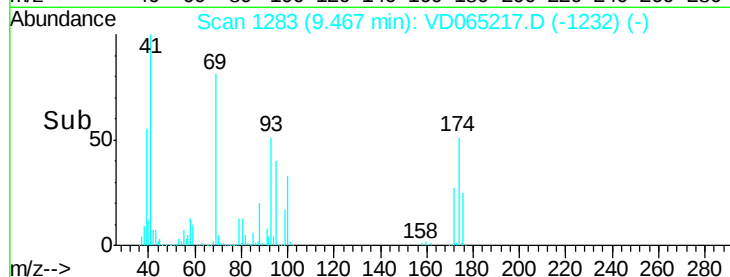
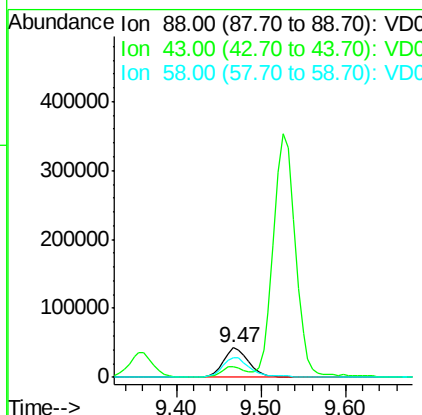
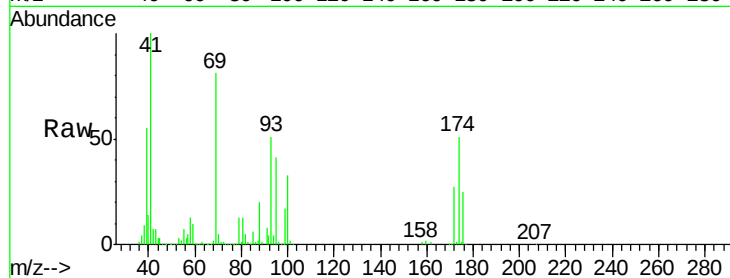
#49
1,4-Dioxane
Concen: 2921.884 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.5	28.5	42.7
58	69.2	58.6	87.8

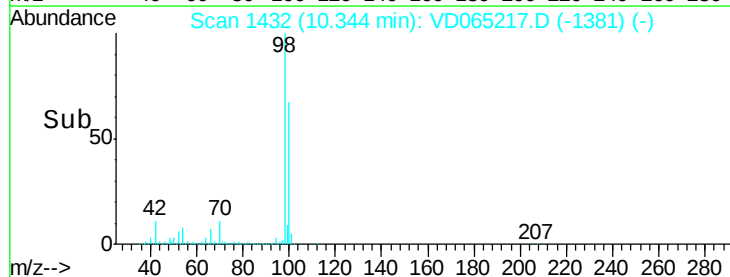
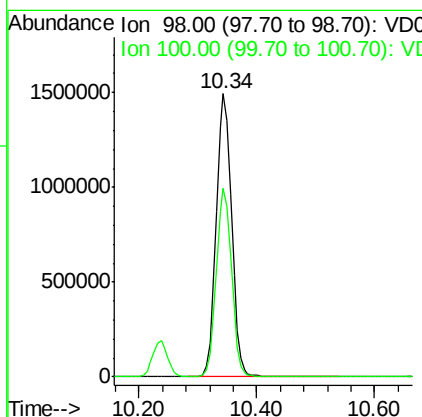
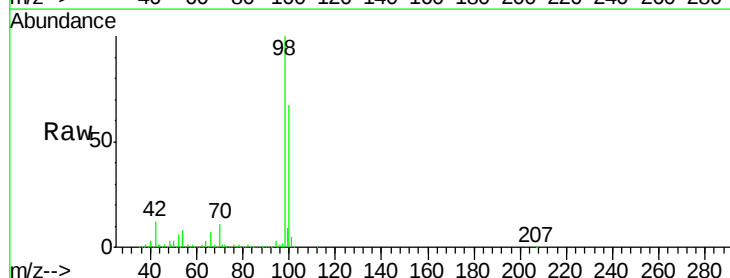
Manual Integrations
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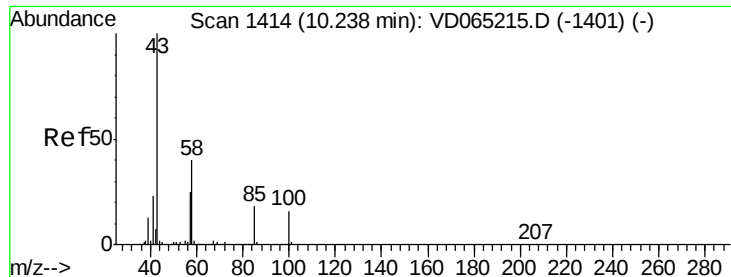
MMDadoda
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#50
Toluene-d8
Concen: 155.687 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 750.841 ug/l

RT: 10.24 min Scan# 1414

Delta R.T. 0.00 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 2112278

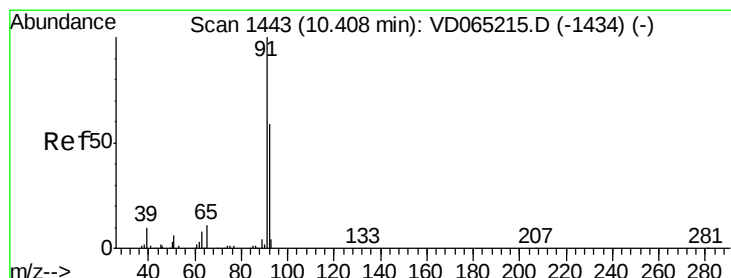
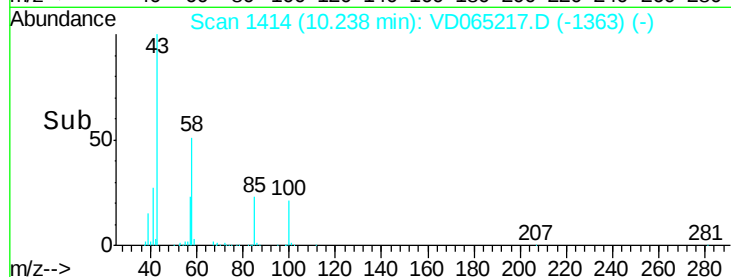
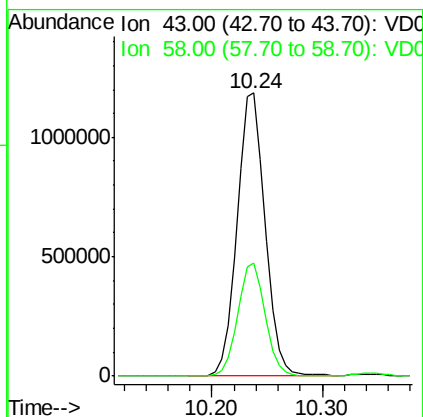
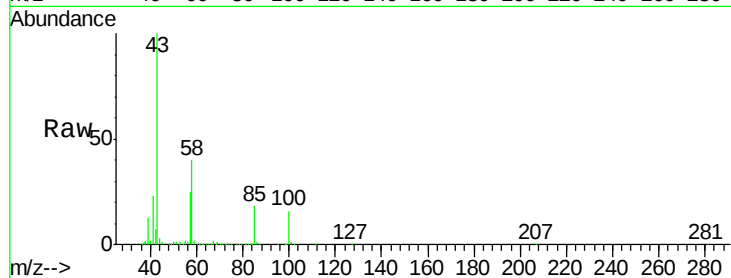
Ion Ratio Lower Upper

43 100

58 39.3 31.1 46.7

Manual Integrations
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#52

Toluene

Concen: 142.807 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD065217.D

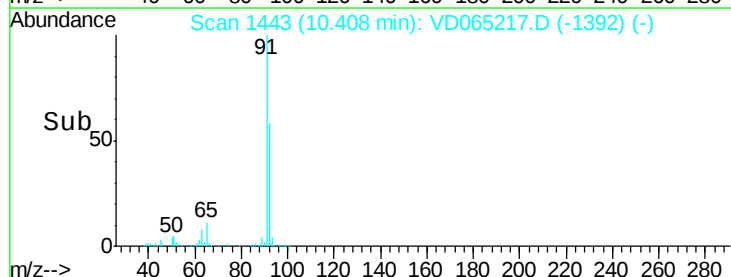
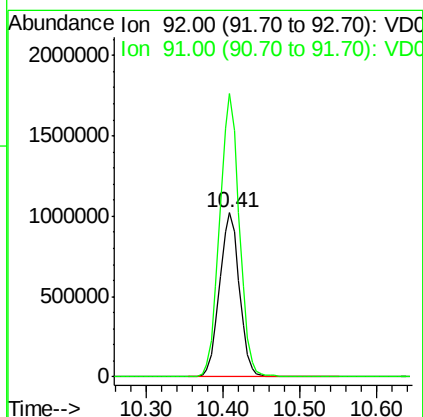
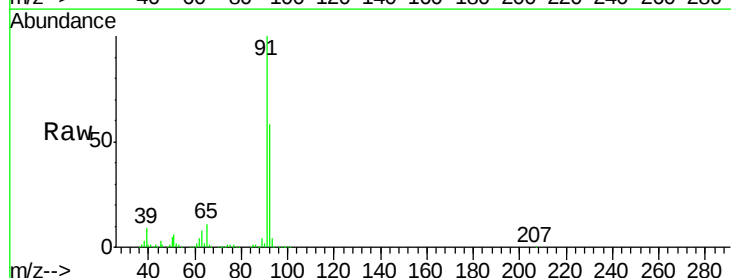
Acq: 18 Feb 2020 12:54

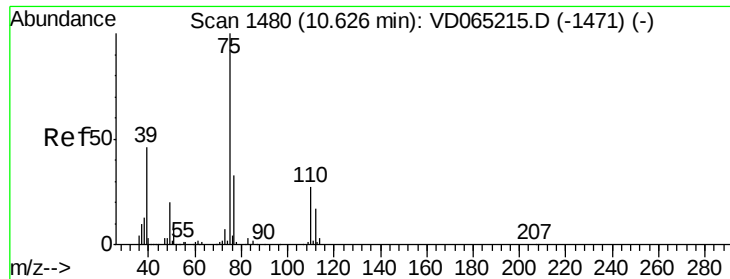
Tgt Ion: 92 Resp: 1817851

Ion Ratio Lower Upper

92 100

91 171.2 136.3 204.5





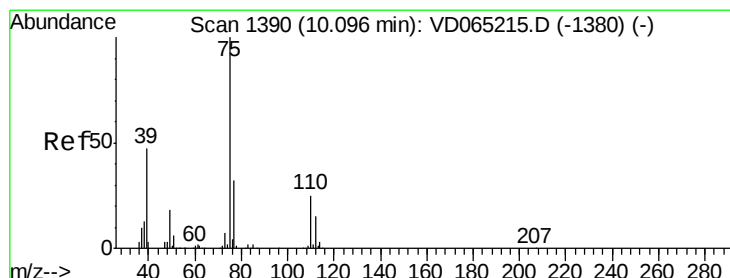
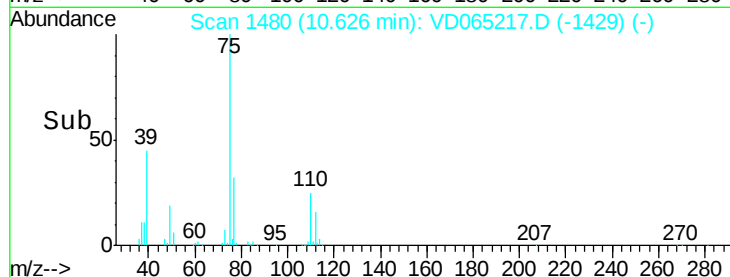
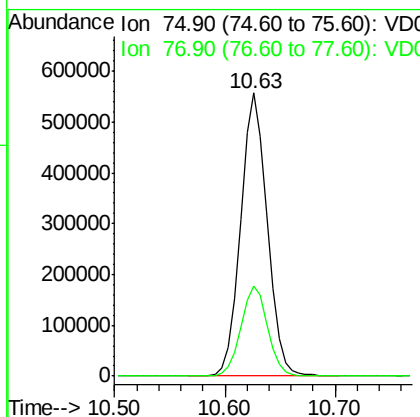
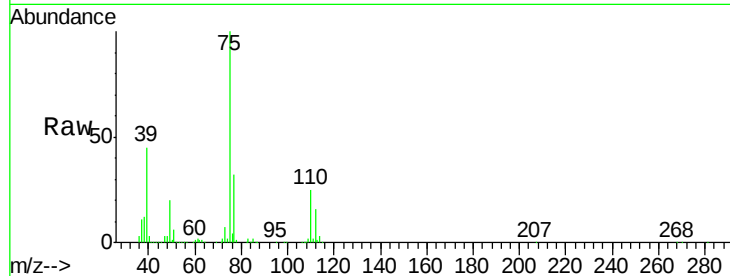
#53
t-1,3-Dichloropropene
Concen: 146.511 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion: 75 Resp: 941639
Ion Ratio Lower Upper
75 100
77 31.7 26.6 40.0

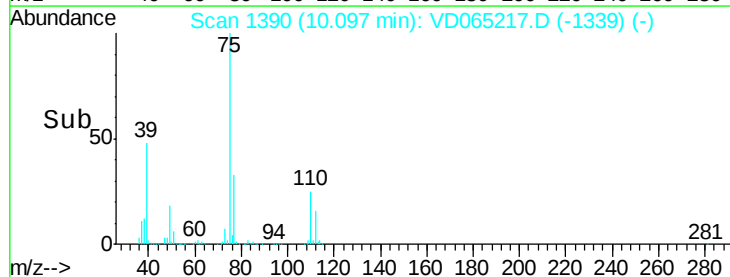
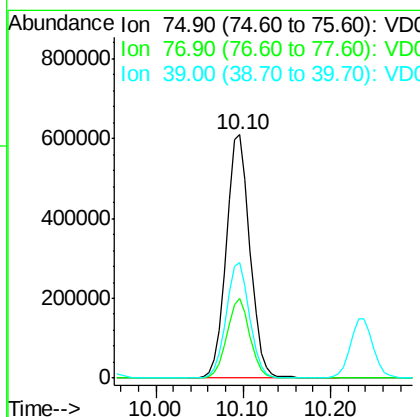
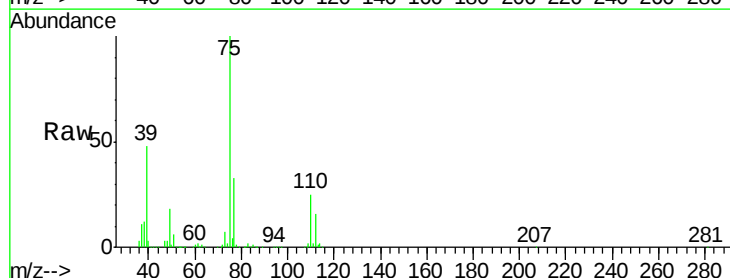
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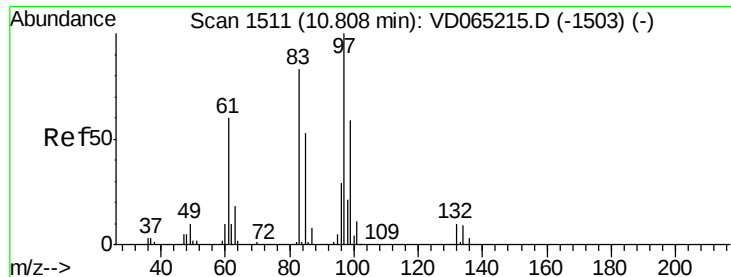
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#54
cis-1,3-Dichloropropene
Concen: 145.616 ug/l
RT: 10.10 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Tgt Ion: 75 Resp: 1130123
Ion Ratio Lower Upper
75 100
77 32.8 25.8 38.8
39 47.5 37.3 55.9





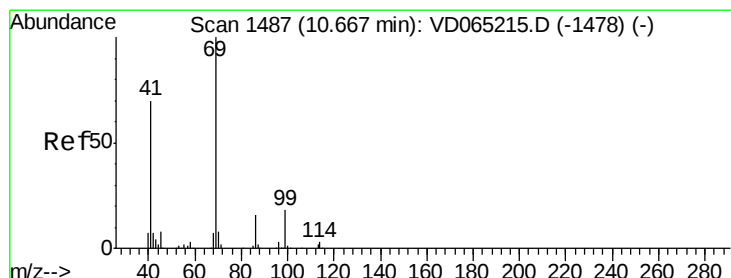
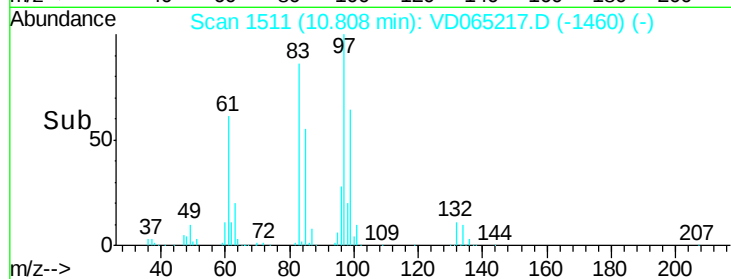
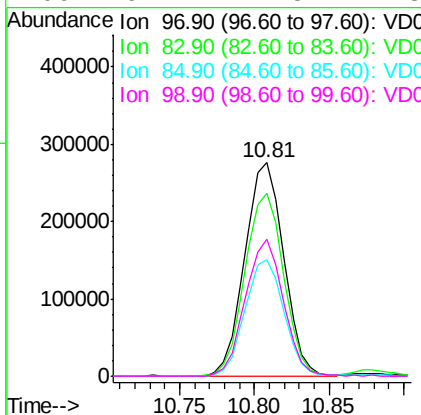
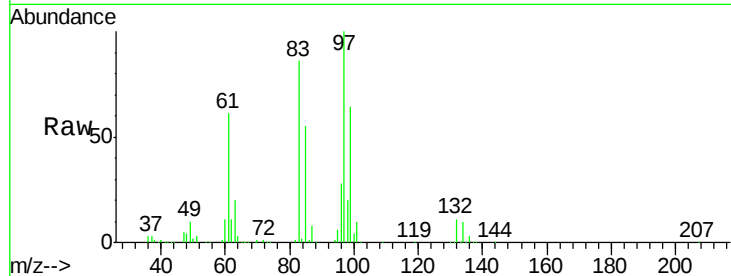
#55
 1,1,2-Trichloroethane
 Concen: 135.016 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. 0.00 min
 Lab File: VD065217.D
 Acq: 18 Feb 2020 12:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion:	97	Resp:	500003
Ion	Ratio	Lower	Upper
97	100		
83	85.9	66.7	100.1
85	54.7	42.4	63.6
99	64.2	47.5	71.3

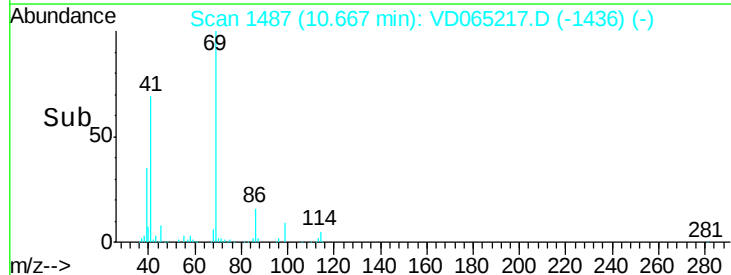
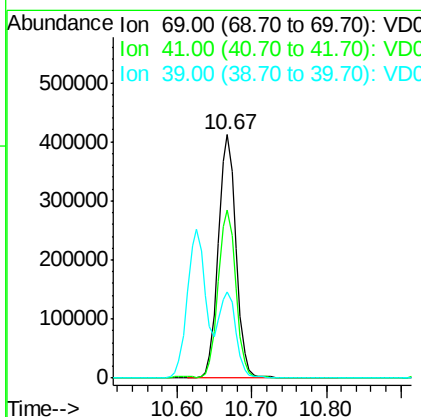
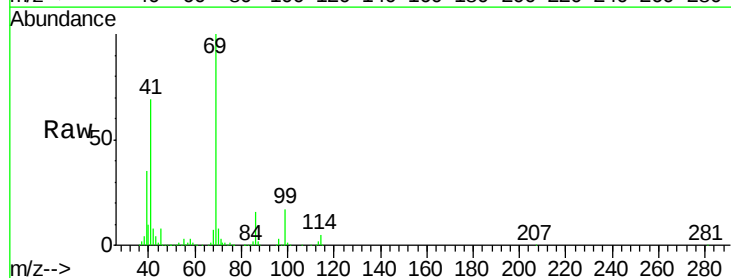
Manual Integrations
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#56
 Ethyl methacrylate
 Concen: 158.278 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD065217.D
 Acq: 18 Feb 2020 12:54

Tgt Ion:	69	Resp:	676544
Ion	Ratio	Lower	Upper
69	100		
41	68.8	54.6	81.8
39	33.7	26.5	39.7





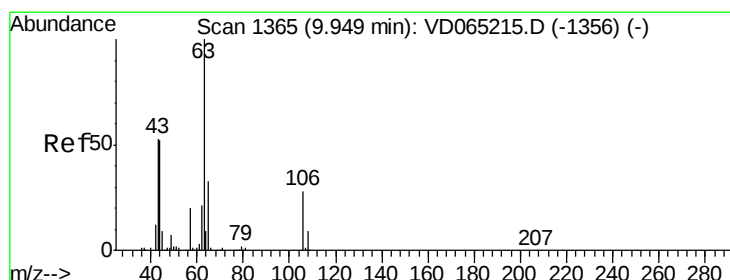
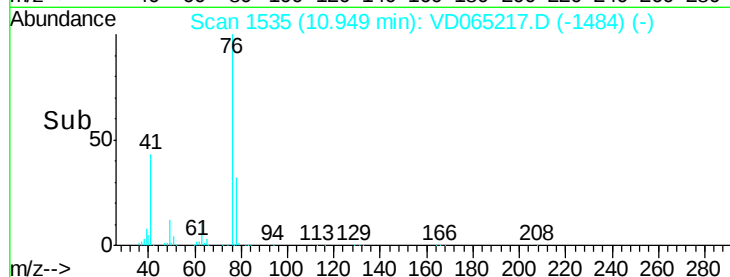
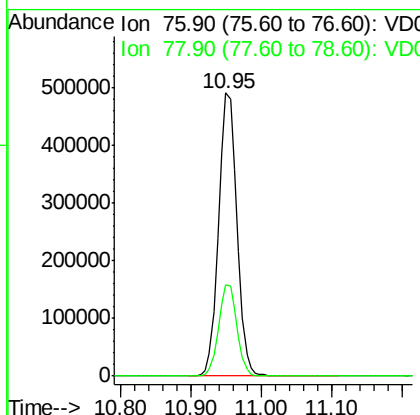
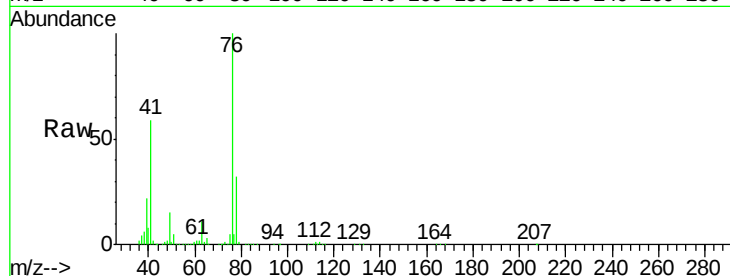
#57
 1,3-Dichloropropane
 Concen: 140.415 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD065217.D
 Acq: 18 Feb 2020 12:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.3	39.5

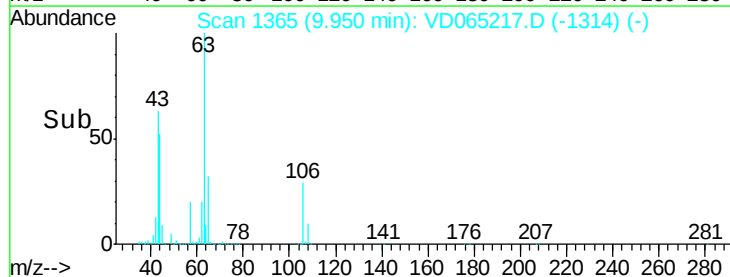
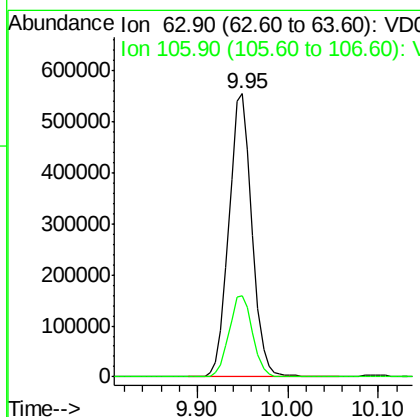
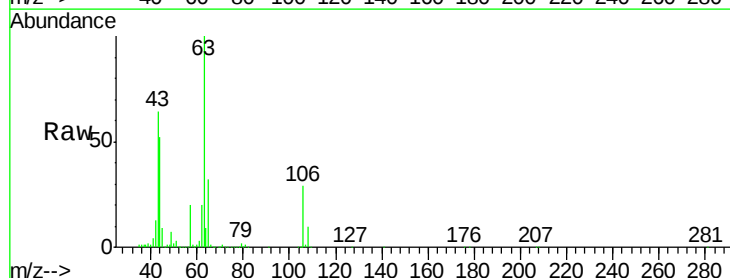
Manual Integrations
 APPROVED

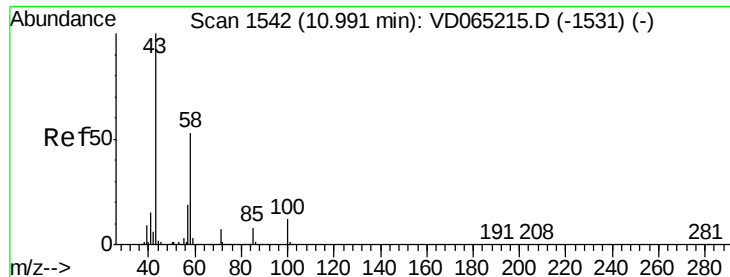
MMDadoda
 2/19/2020 1:44:17 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 728.231 ug/l
 RT: 9.95 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VD065217.D
 Acq: 18 Feb 2020 12:54

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.4	22.8	34.2





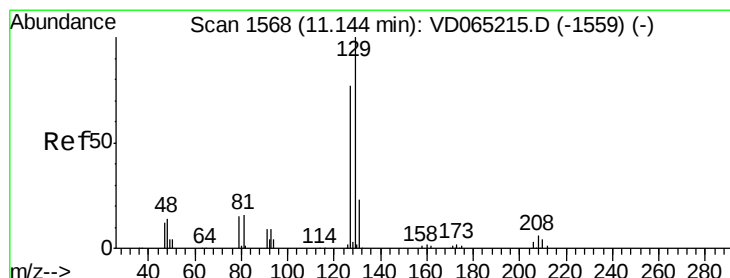
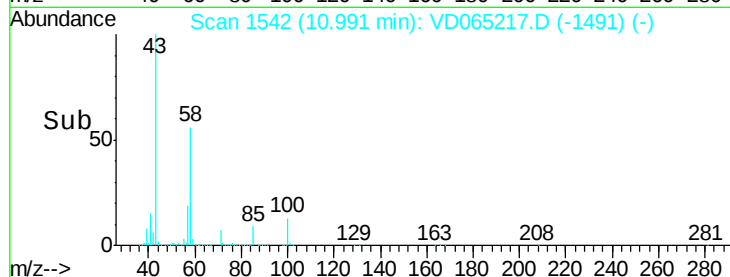
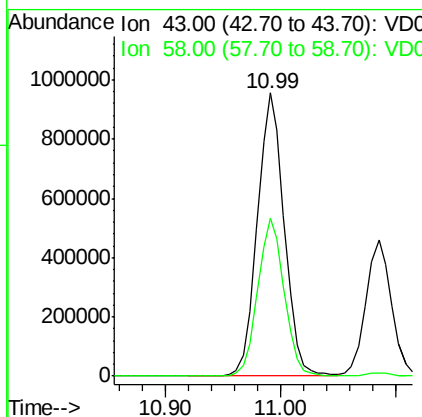
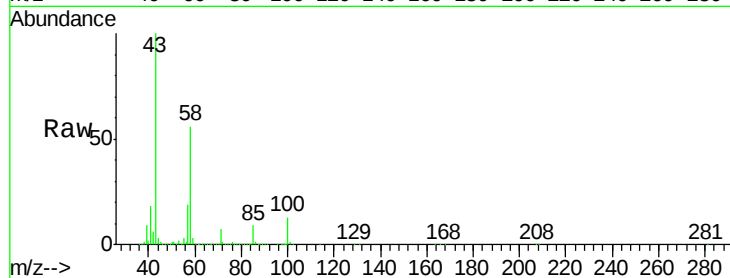
#59
2-Hexanone
Concen: 770.821 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

Tot Ion: 43 Resp: 1552290
Ion Ratio Lower Upper
43 100
58 54.9 26.3 78.8

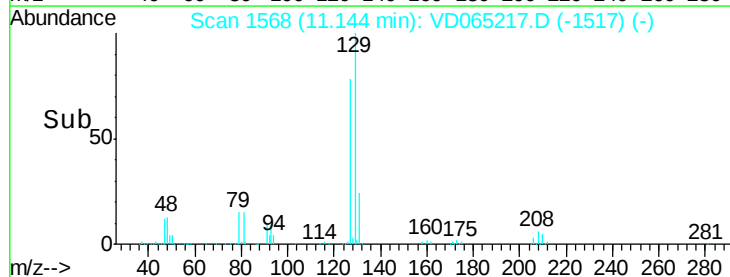
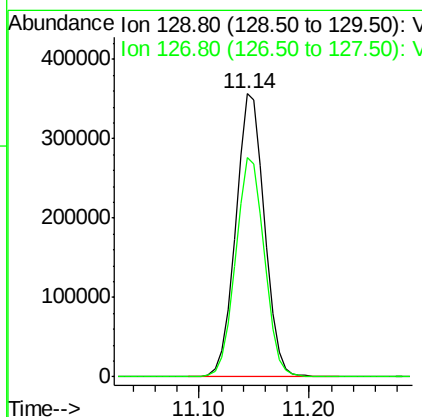
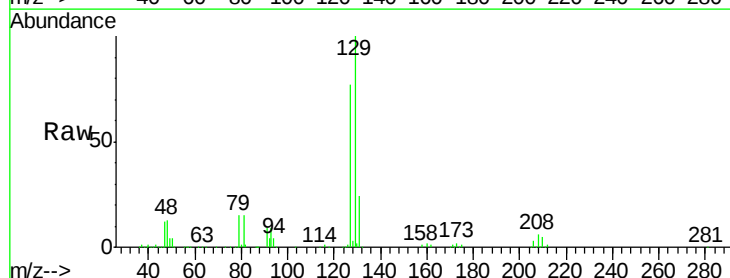
Manual Integrations
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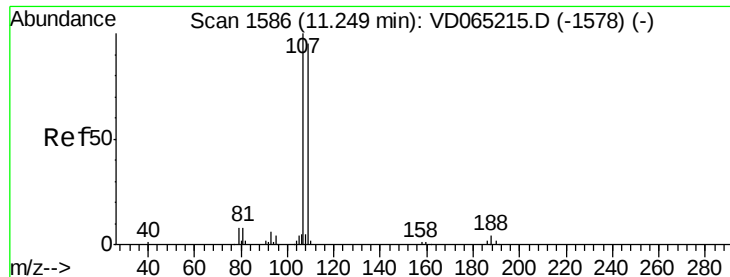
MMDadoda
2/19/2020 1:44:17 PM



#60
Dibromochloromethane
Concen: 137.822 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Tgt Ion: 129 Resp: 653264
Ion Ratio Lower Upper
129 100
127 78.0 38.7 116.1





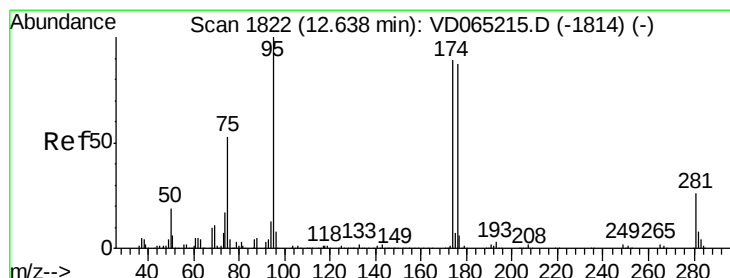
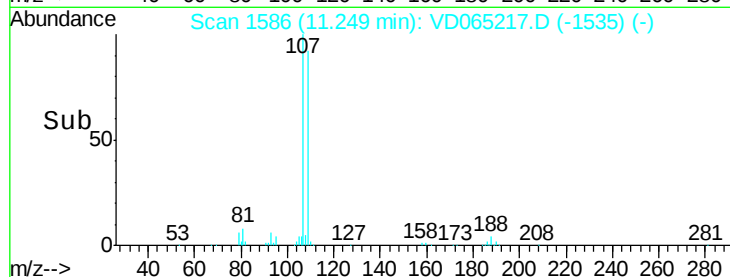
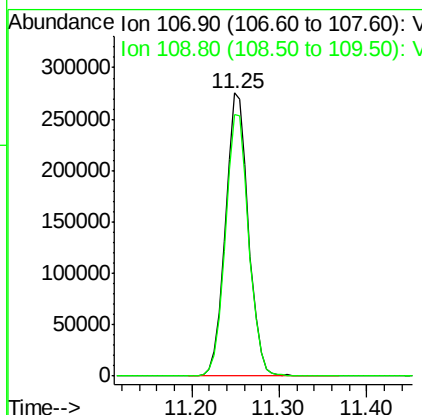
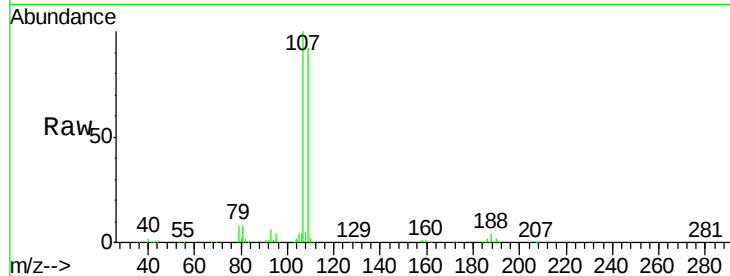
#61
 1,2-Dibromoethane
 Concen: 140.815 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD065217.D
 Acq: 18 Feb 2020 12:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion: 107 Resp: 493742
 Ion Ratio Lower Upper
 107 100
 109 94.3 76.2 114.4

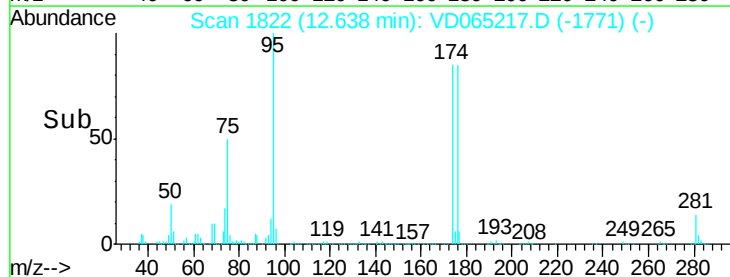
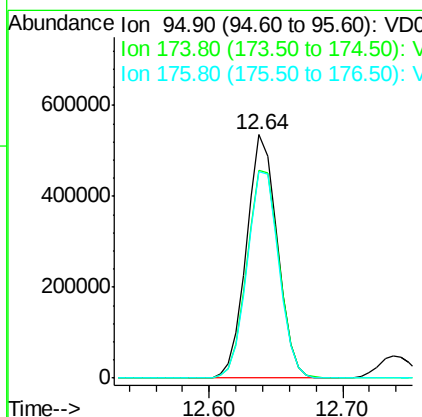
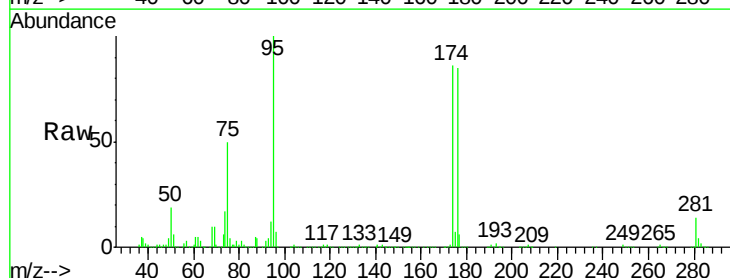
Manual Integrations
 APPROVED

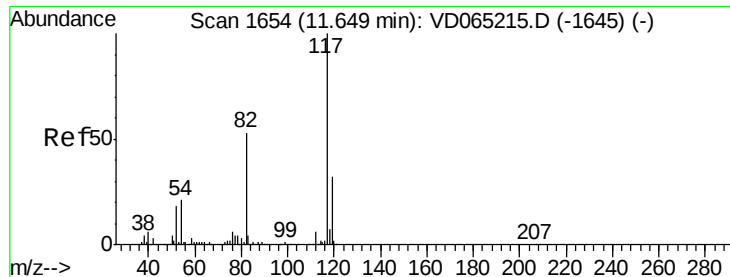
MMDadoda
 2/19/2020 1:44:17 PM



#62
 4-Bromofluorobenzene
 Concen: 154.496 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD065217.D
 Acq: 18 Feb 2020 12:54

Tgt Ion: 95 Resp: 854277
 Ion Ratio Lower Upper
 95 100
 174 89.2 0.0 178.0
 176 87.3 0.0 174.4





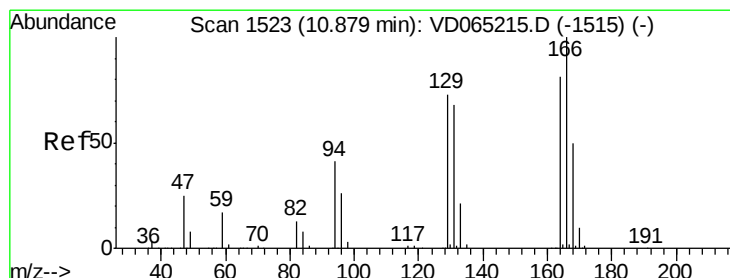
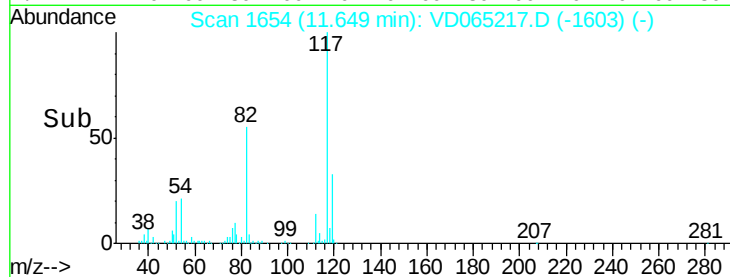
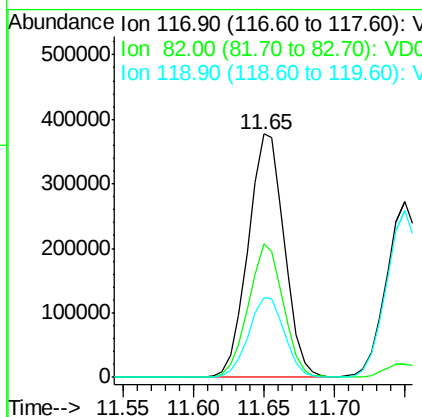
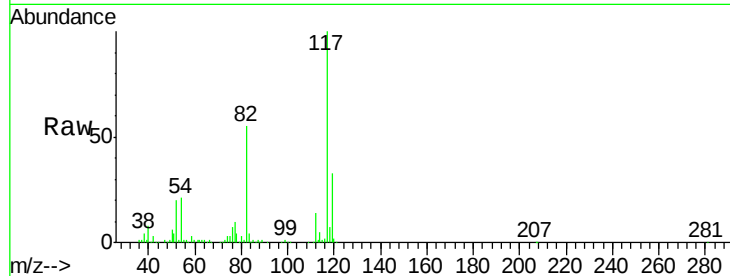
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	42.7	64.1
119	32.5	25.5	38.3

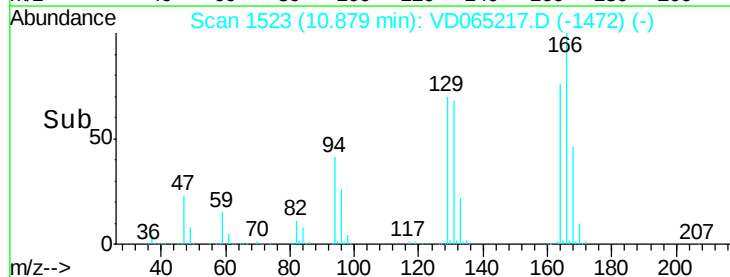
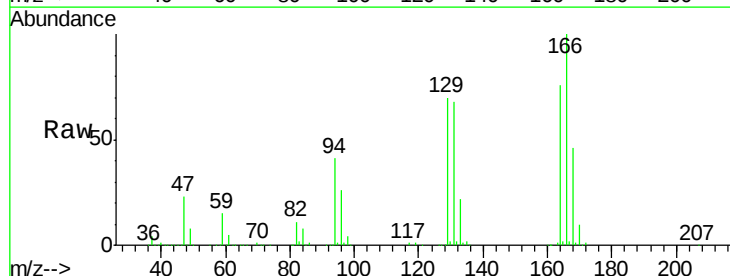
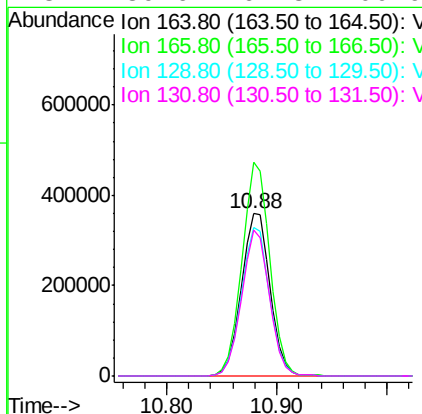
Manual Integrations
APPROVED

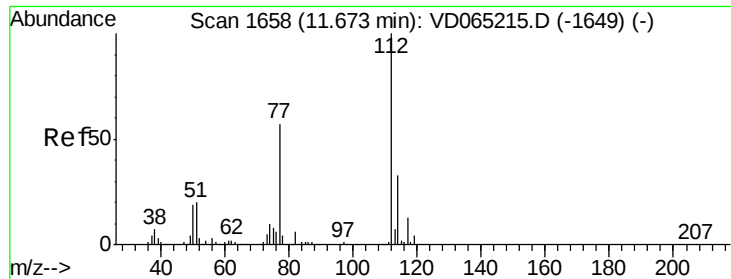
MMDadoda
2/19/2020 1:44:17 PM



#64
Tetrachloroethene
Concen: 136.611 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.8	98.4	147.6
129	91.7	71.6	107.4
131	89.6	67.3	100.9





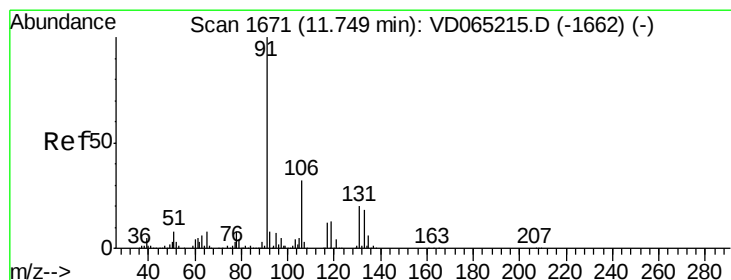
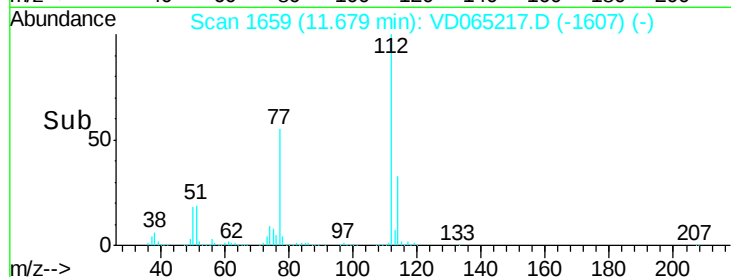
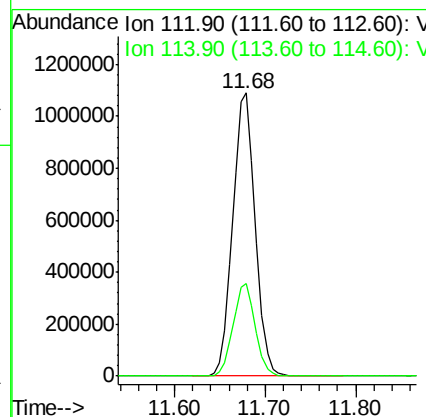
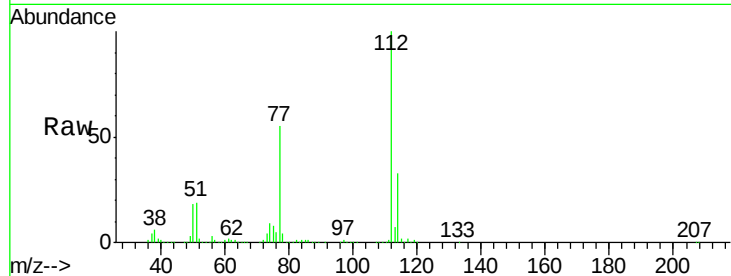
#65
Chlorobenzene
Concen: 138.149 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. 0.01 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion:112 Resp: 1880987
Ion Ratio Lower Upper
112 100
114 32.9 26.4 39.6

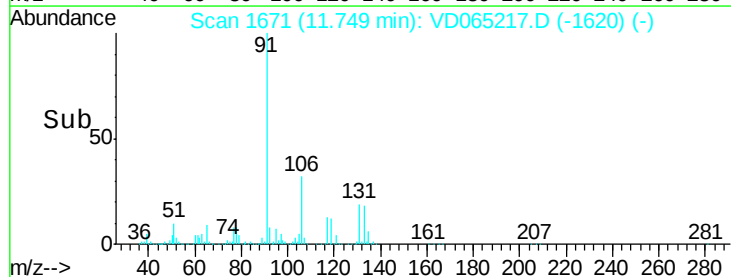
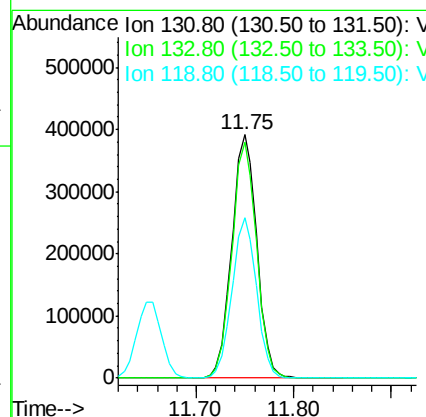
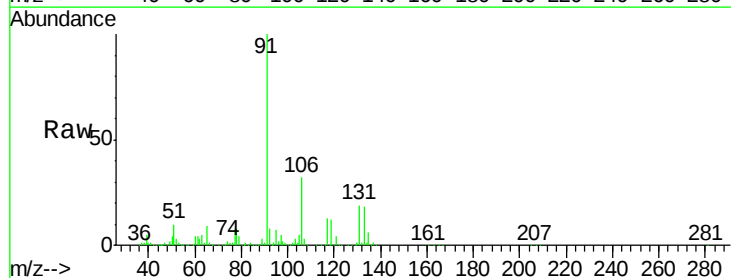
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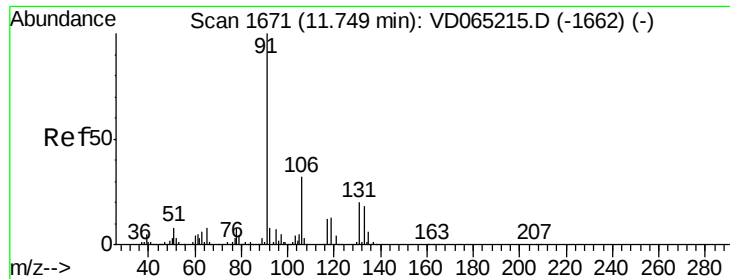
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 136.772 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Tgt Ion:131 Resp: 694935
Ion Ratio Lower Upper
131 100
133 95.7 47.7 143.1
119 64.6 32.7 98.1





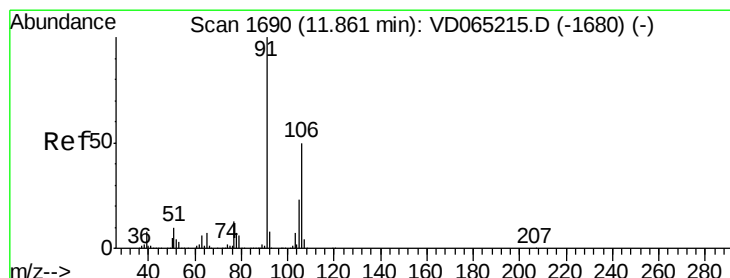
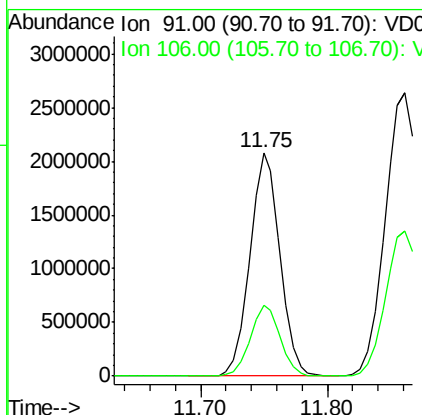
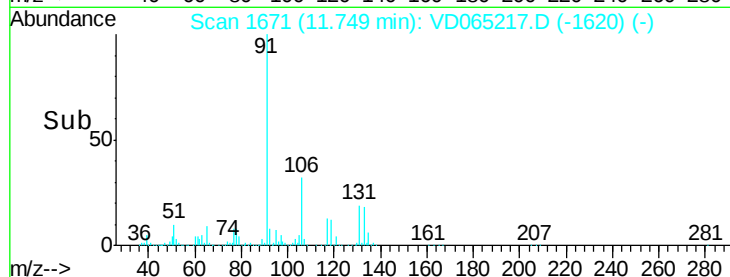
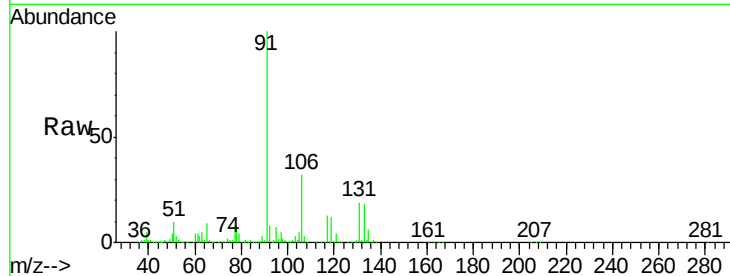
#67
Ethyl Benzene
Concen: 143.167 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 3414012
Ion Ratio Lower Upper
91 100
106 31.7 25.2 37.8

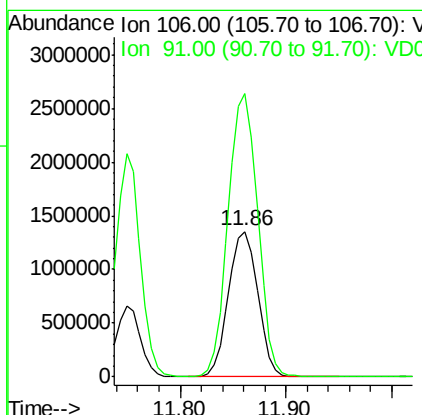
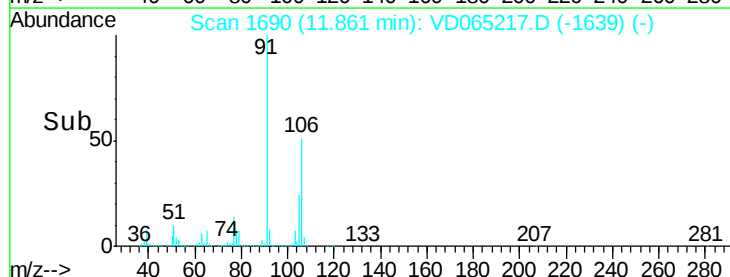
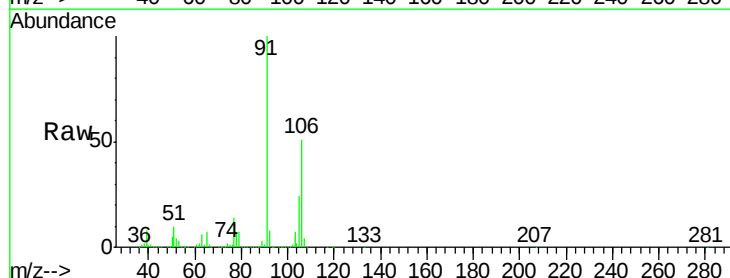
Manual Integrations
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#68
m/p-Xylenes
Concen: 286.084 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Tgt Ion: 106 Resp: 2610063
Ion Ratio Lower Upper
106 100
91 196.0 158.2 237.4





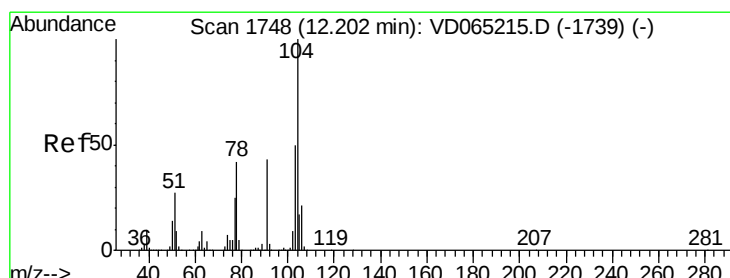
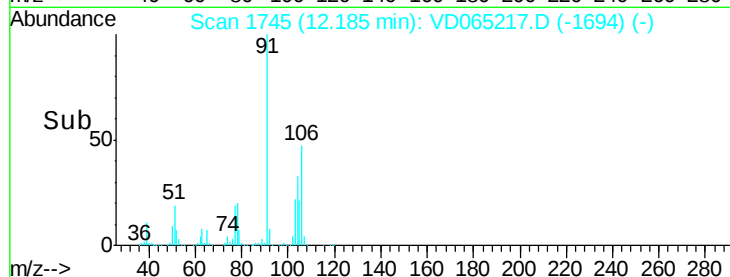
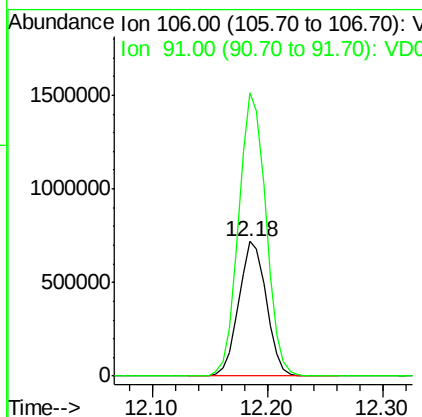
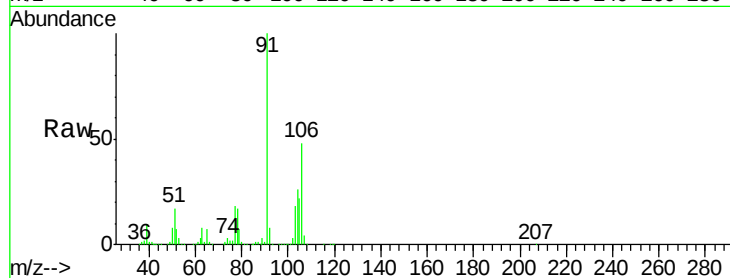
#69
o-Xylene
Concen: 147.560 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion:106 Resp: 1192713
Ion Ratio Lower Upper
106 100
91 208.5 104.7 313.9

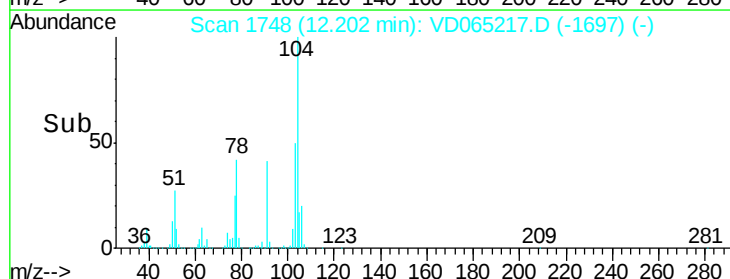
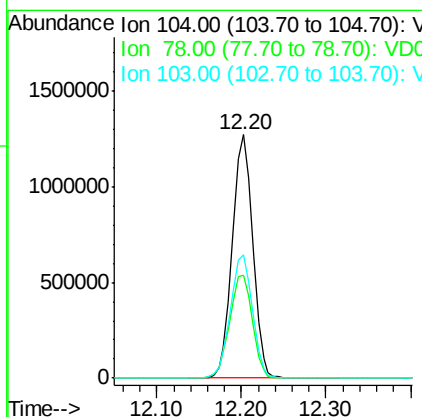
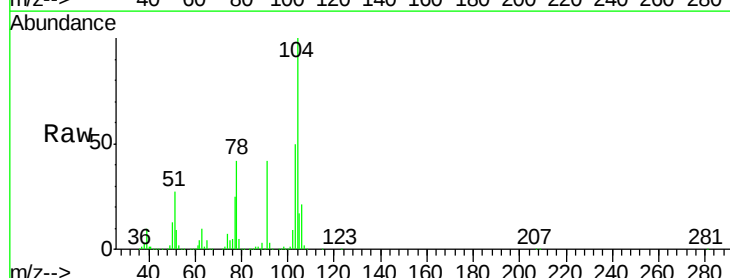
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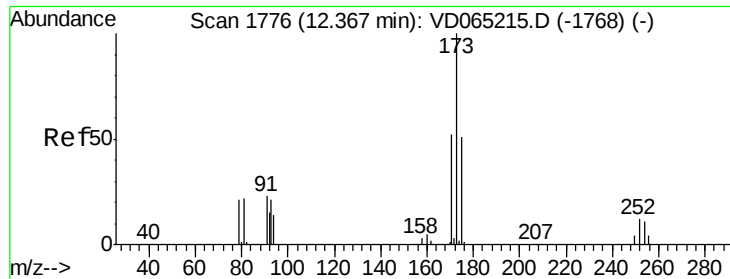
MMDadoda
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#70
Styrene
Concen: 146.840 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Tgt Ion:104 Resp: 2107280
Ion Ratio Lower Upper
104 100
78 47.1 37.8 56.6
103 54.6 43.4 65.2





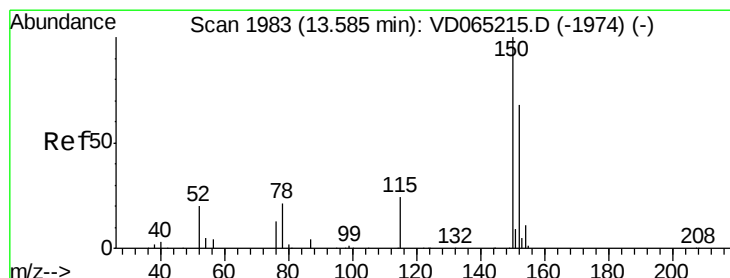
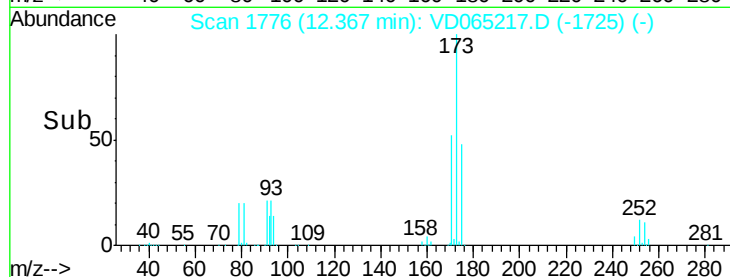
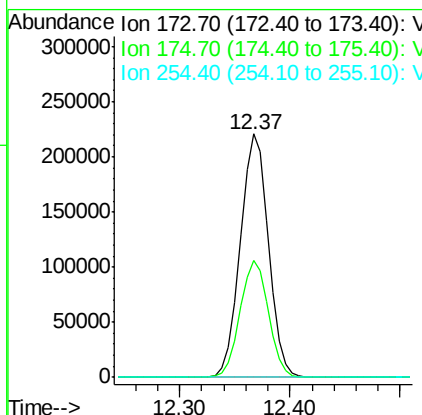
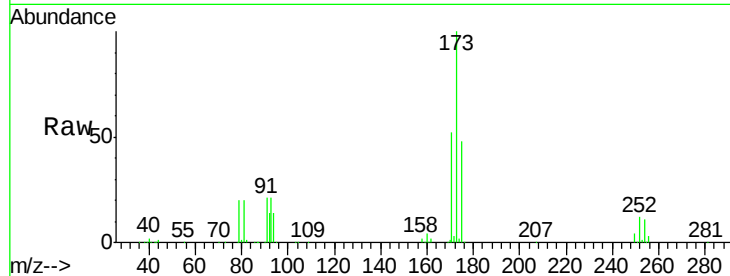
#71
Bromoform
Concen: 140.166 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.4	73.4
254	0.2	0.0	0.0

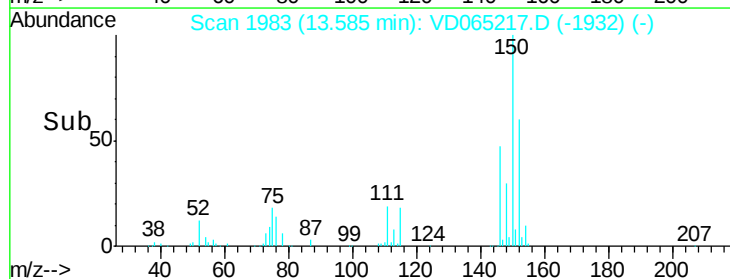
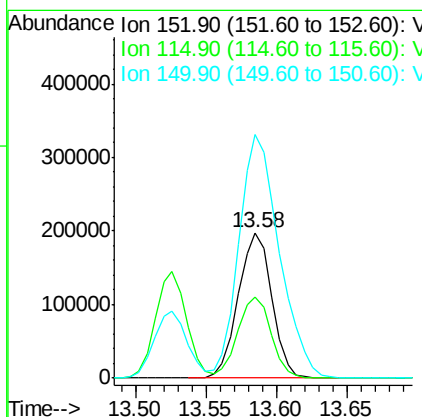
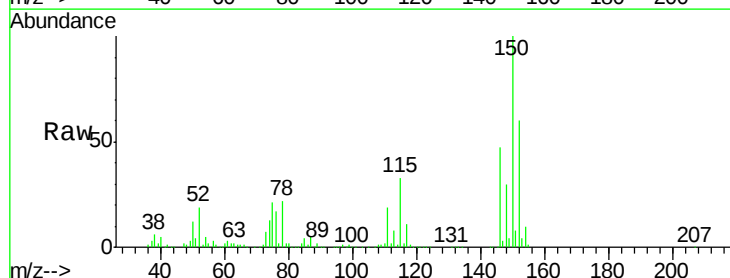
Manual Integrations
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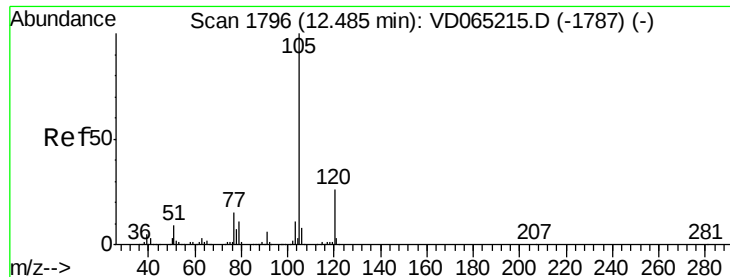
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.5	27.6	82.8
150	202.4	0.0	347.4





#73

Isopropylbenzene

Concen: 148.150 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

Tot Ion:105 Resp: 3217012

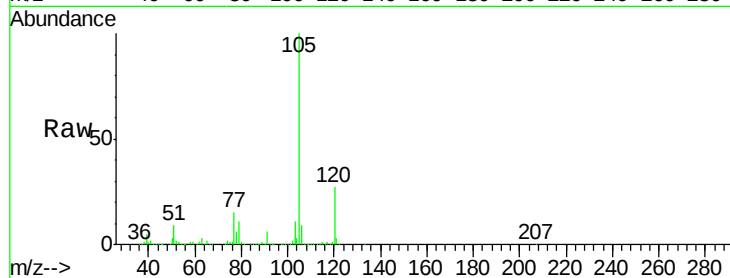
Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.9

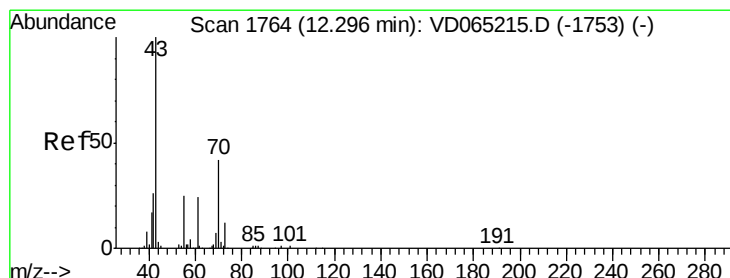
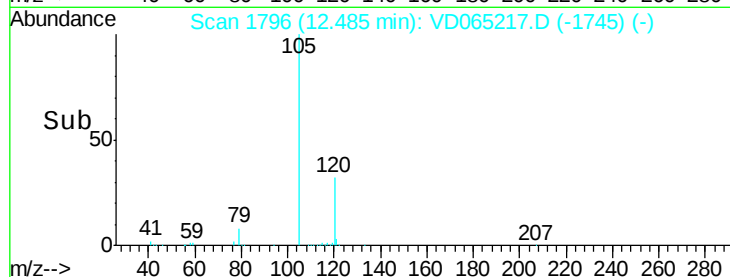
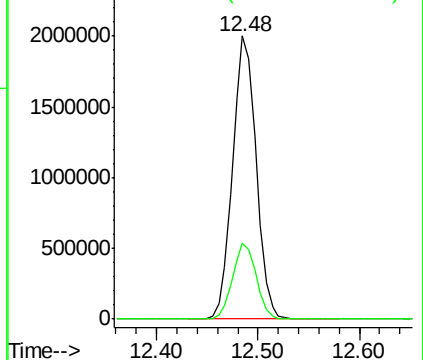
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 157.859 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Tgt Ion: 43 Resp: 761686

Ion Ratio Lower Upper

43 100

70 42.3 33.7 50.5

55 24.1 20.7 31.1

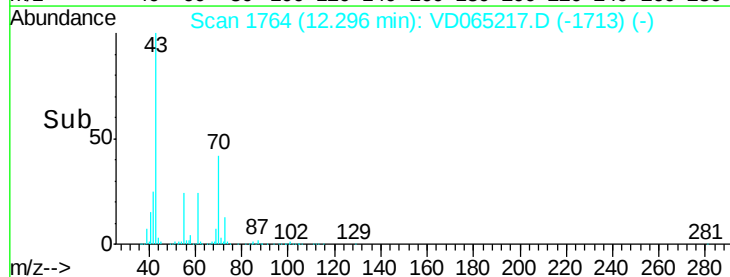
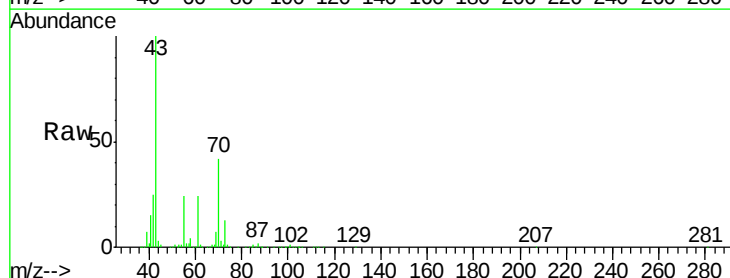
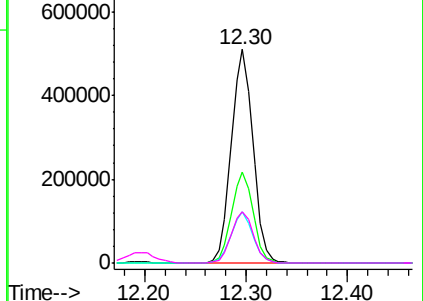
61 24.2 19.0 28.4

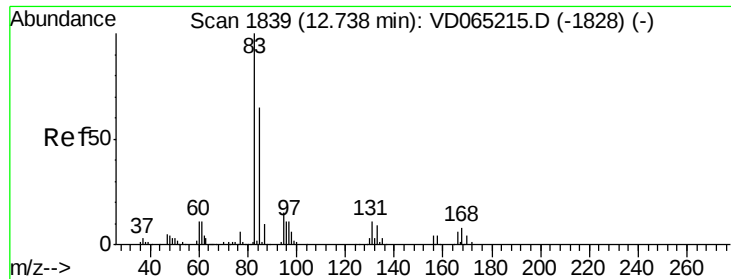
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 137.285 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Instrument :

MSVOA_D

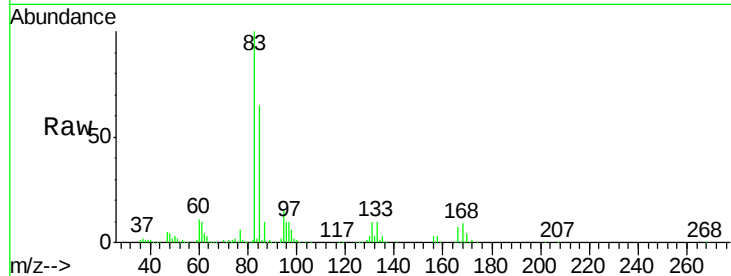
ClientSampleId :

VSTDIC150

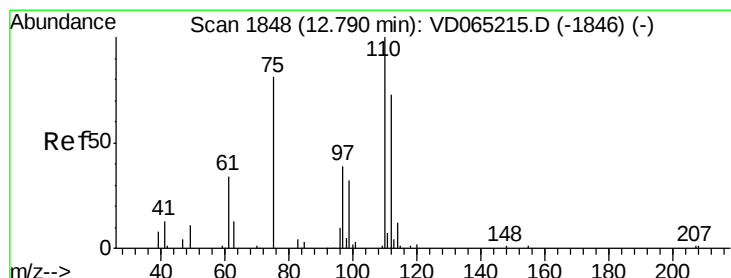
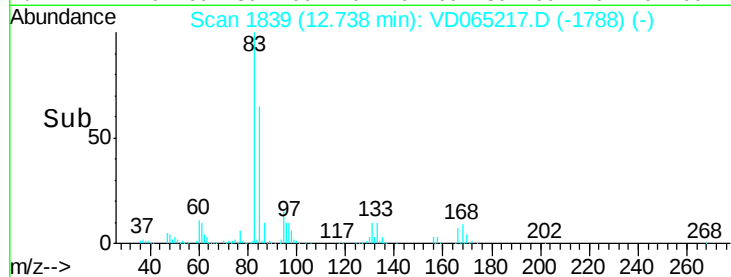
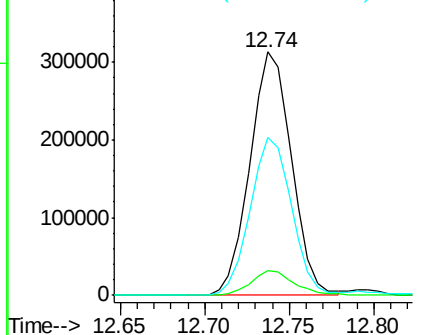
Tot Ion:	83	Resp:	538022
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.4	16.2
85	64.6	31.6	94.8

Manual Integrations
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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: 78.496 ug/l m

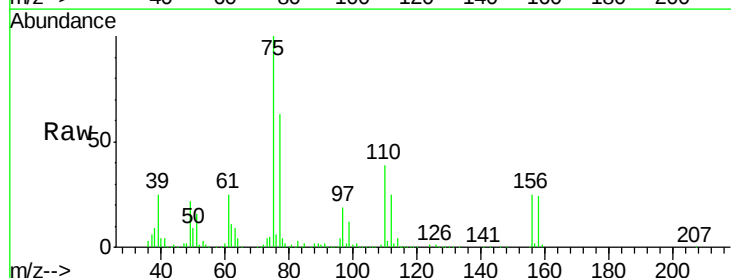
RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

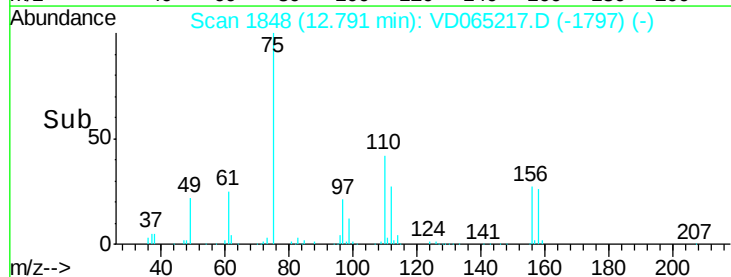
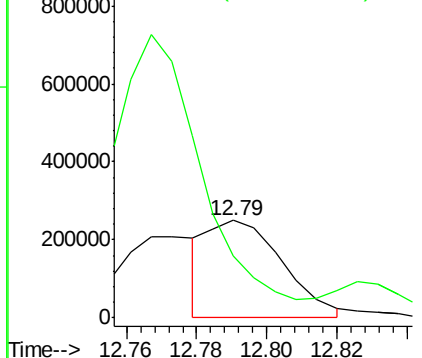
Lab File: VD065217.D

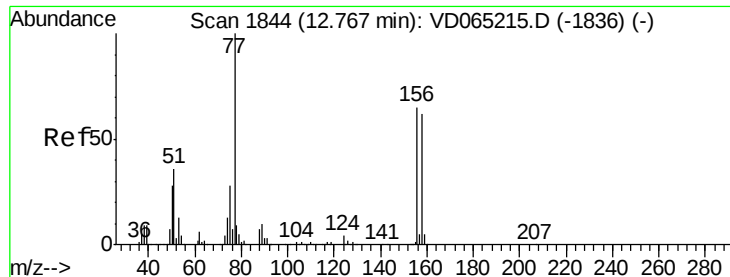
Acq: 18 Feb 2020 12:54

Tgt Ion:	75	Resp:	368964
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: 142.837 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Instrument :

MSVOA_D

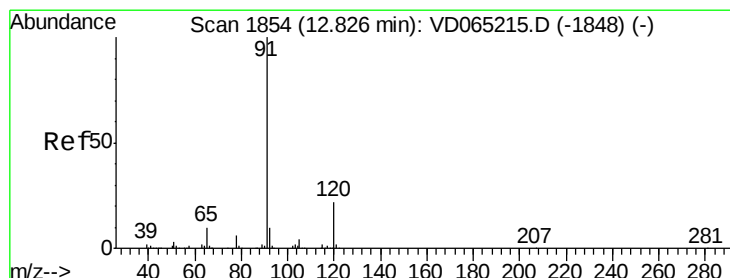
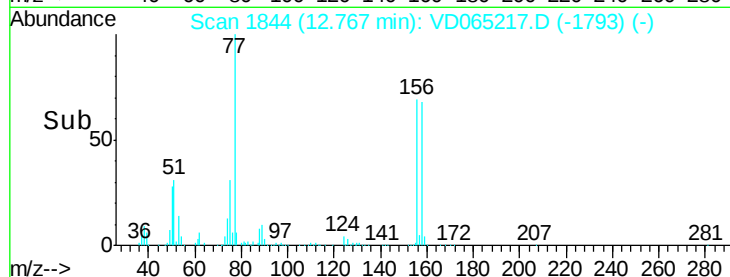
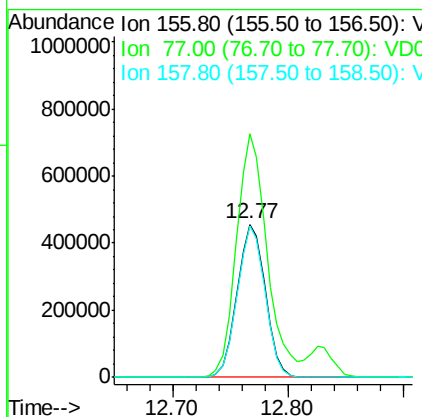
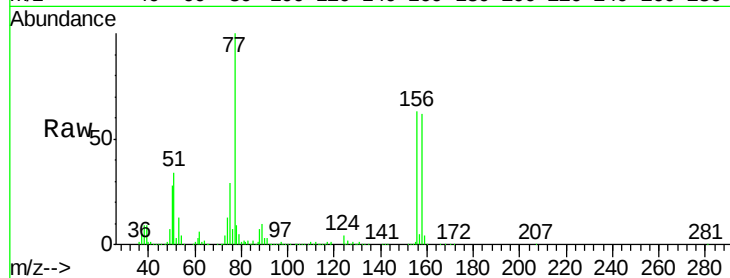
ClientSampleId :

VSTDIC150

Tot Ion:	156	Resp:	770196
Ion Ratio	Lower	Upper	
156	100		
77	172.9	86.6	259.7
158	97.1	48.1	144.3

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#78

n-propylbenzene

Concen: 144.976 ug/l

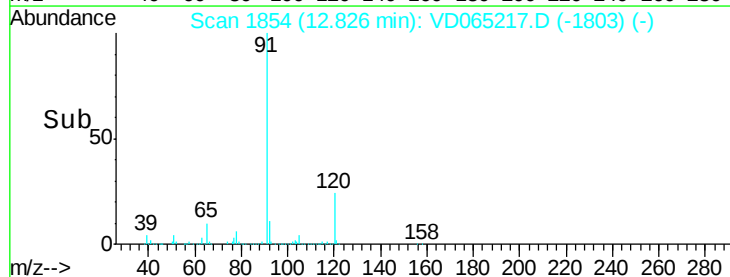
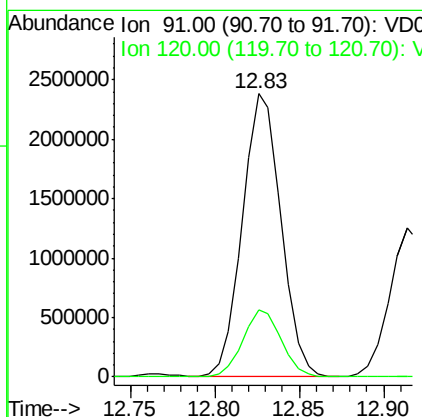
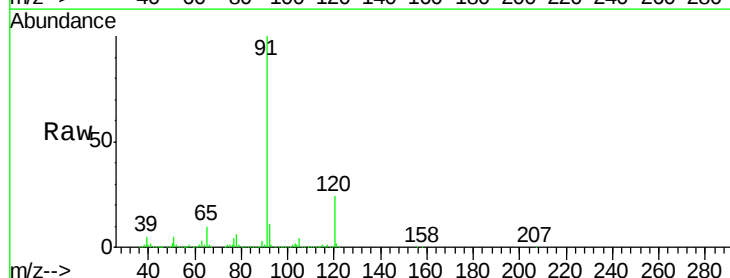
RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Tgt Ion:	91	Resp:	3783136
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.5	34.5





#79

2-Chlorotoluene

Concen: 142.410 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 2081821

Ion Ratio Lower Upper

91 100

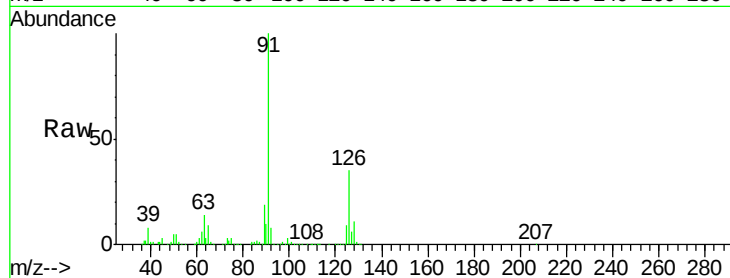
126 35.2 17.5 52.6

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VD065217.D (-1862) (-)

Ion 125.90 (125.60 to 126.60): VD065217.D (-1862) (-)

2500000

2000000

1500000

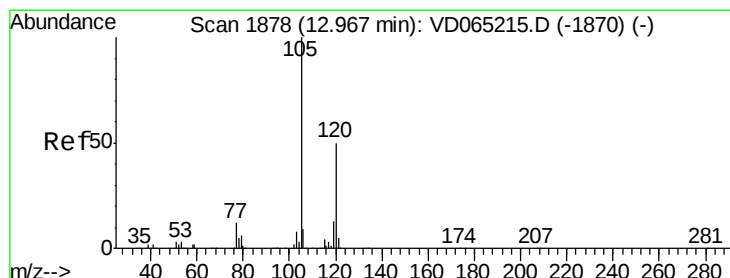
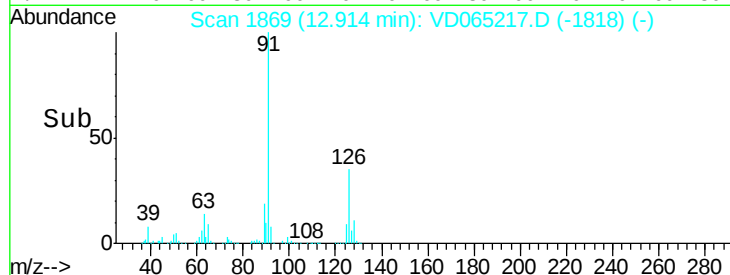
1000000

500000

0

12.85 12.90 12.95

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 146.420 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD065217.D

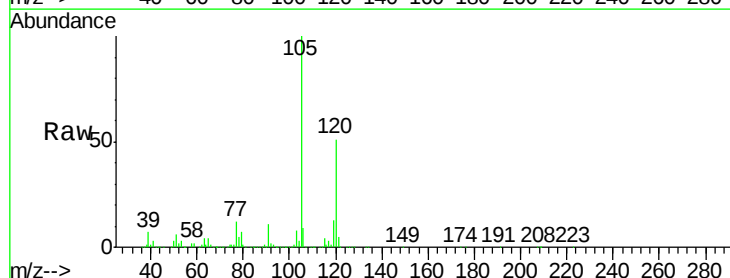
Acq: 18 Feb 2020 12:54

Tgt Ion:105 Resp: 2618694

Ion Ratio Lower Upper

105 100

120 50.8 25.4 76.4



Abundance Ion 105.00 (104.70 to 105.70): VD065217.D (-1870) (-)

Ion 120.00 (119.70 to 120.70): VD065217.D (-1870) (-)

2000000

1500000

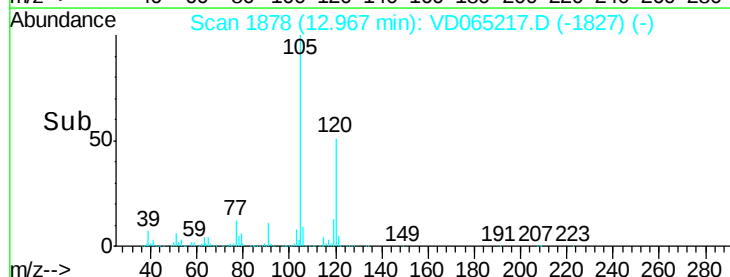
1000000

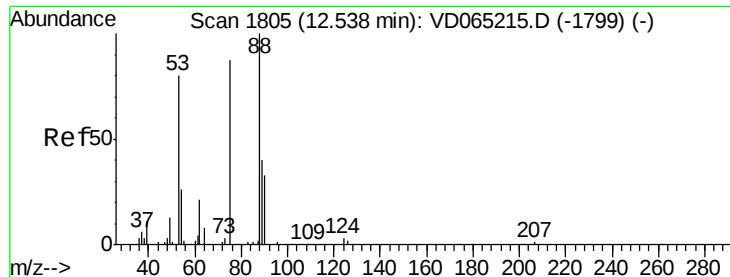
500000

0

12.90 12.97 13.00

Time-->





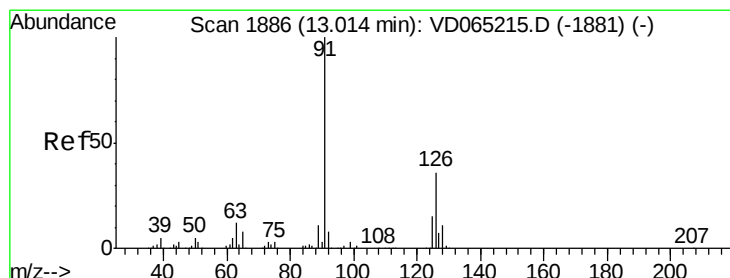
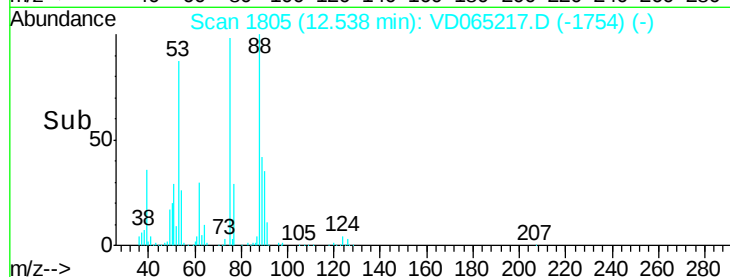
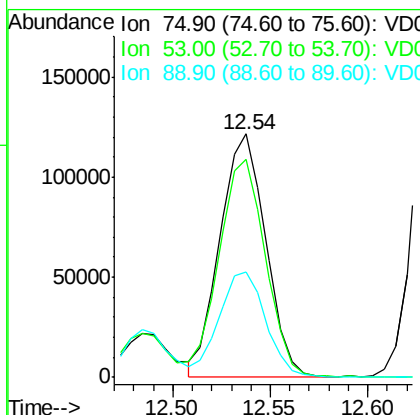
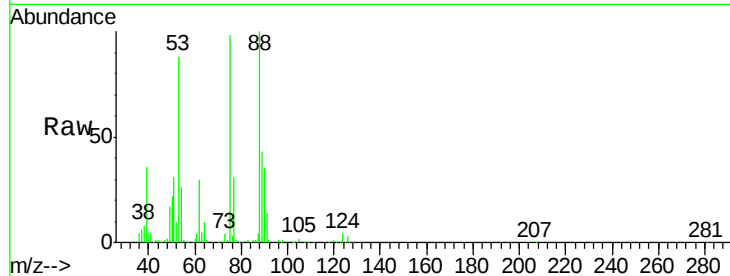
#81
trans-1,4-Dichloro-2-butene
Concen: 151.705 ug/l
RT: 12.54 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.8	77.6	116.4
89	44.7	37.2	55.8

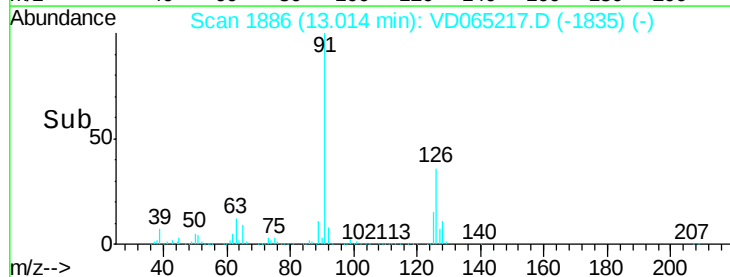
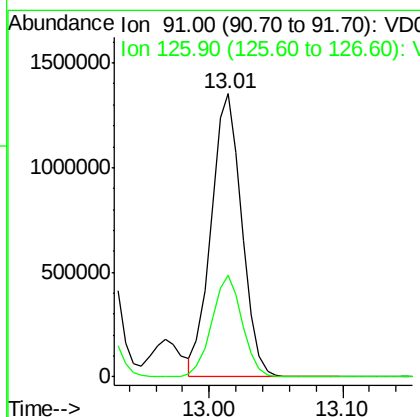
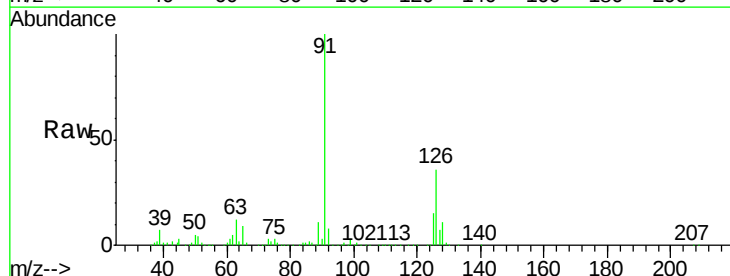
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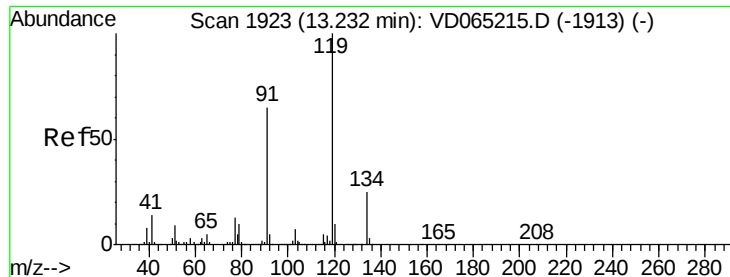
MMDadoda
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#82
4-Chlorotoluene
Concen: 140.095 ug/l
RT: 13.01 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.5	17.4	52.3





#83

tert-Butylbenzene

Concen: 148.848 ug/l

RT: 13.23 min Scan# 1923

Delta R.T. 0.00 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion:119 Resp: 2231178

Ion Ratio Lower Upper

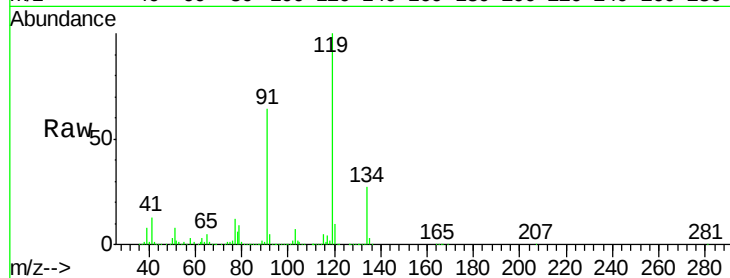
119 100

91 63.7 31.9 95.5

134 28.0 13.8 41.3

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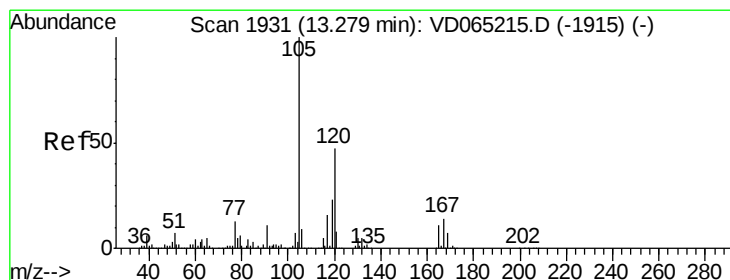
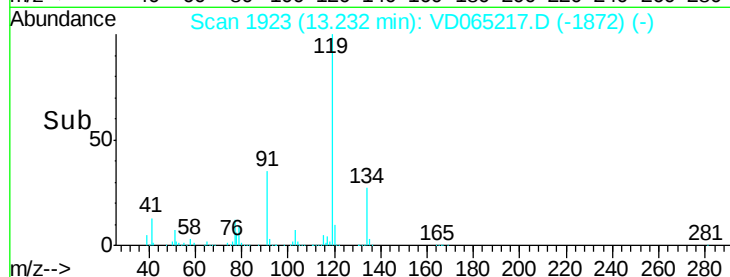
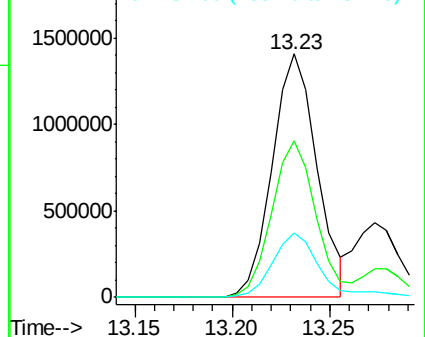
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Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 145.827 ug/l

RT: 13.28 min Scan# 1931

Delta R.T. 0.00 min

Lab File: VD065217.D

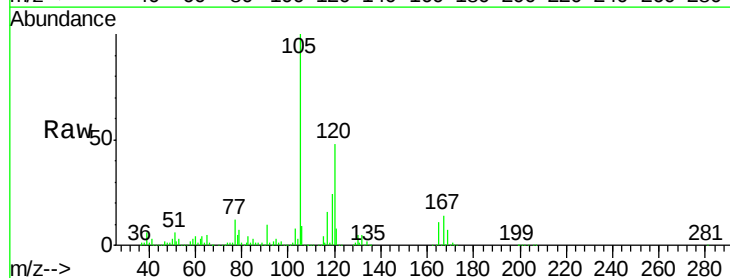
Acq: 18 Feb 2020 12:54

Tgt Ion:105 Resp: 2610487

Ion Ratio Lower Upper

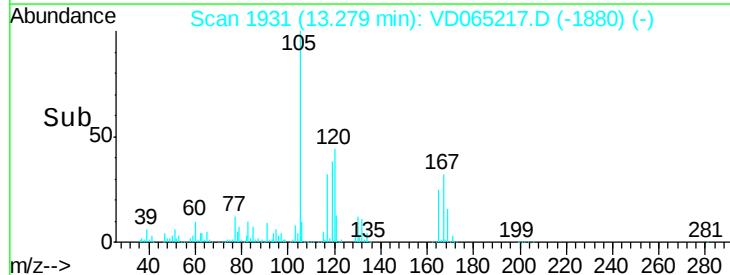
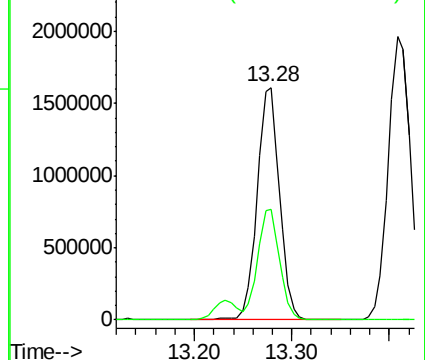
105 100

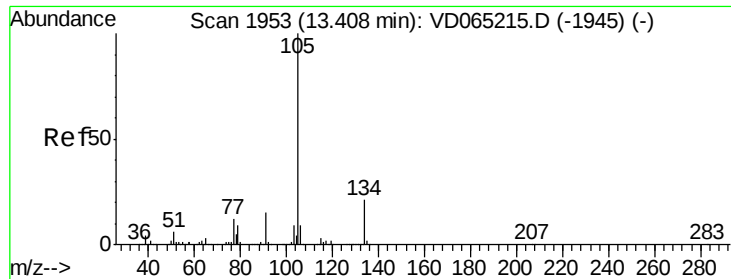
120 46.9 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





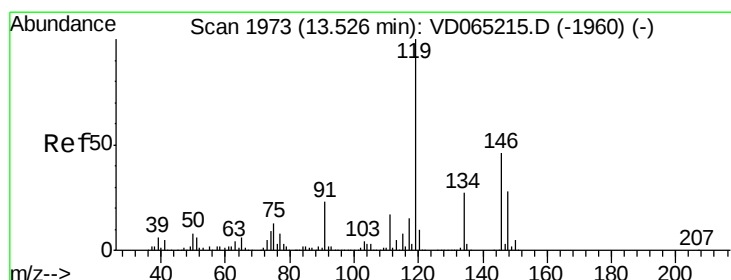
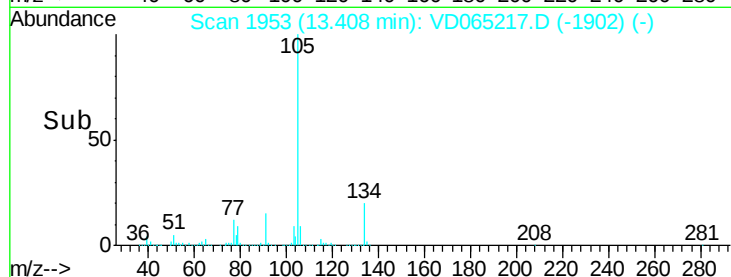
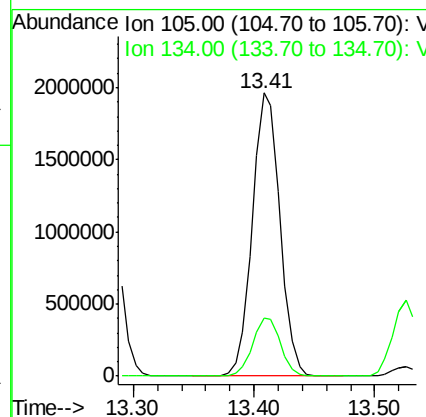
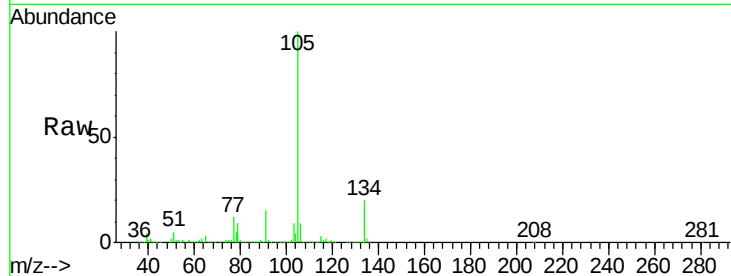
#85
 sec-Butylbenzene
 Concen: 144.617 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD065217.D
 Acq: 18 Feb 2020 12:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion:105 Resp: 3123633
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.3 30.9

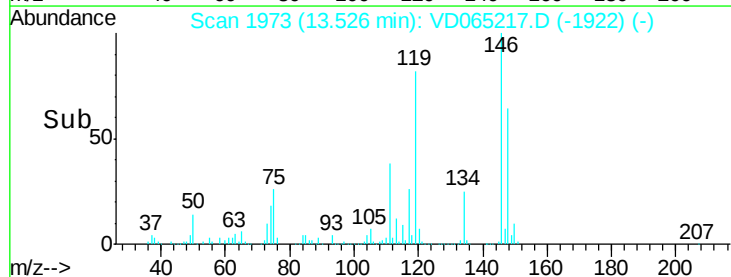
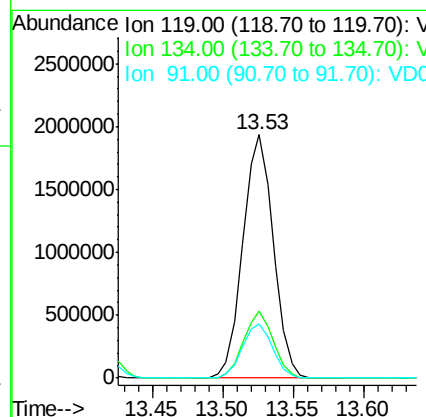
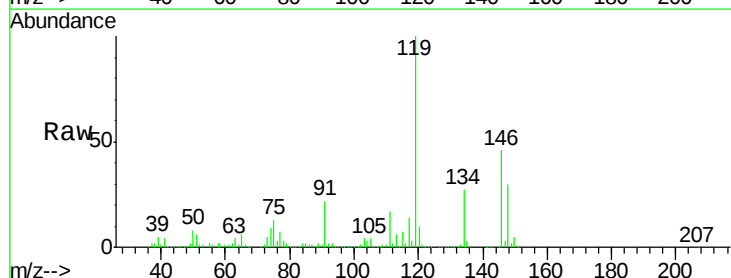
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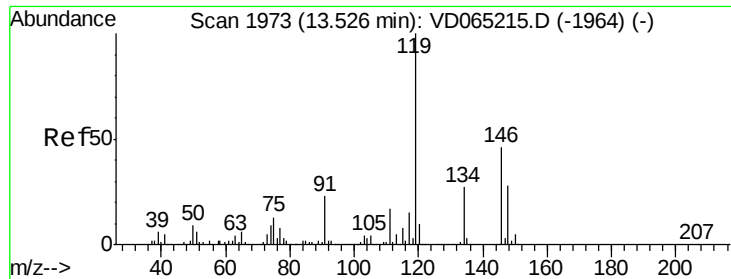
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#86
 p-Isopropyltoluene
 Concen: 147.758 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD065217.D
 Acq: 18 Feb 2020 12:54

Tgt Ion:119 Resp: 2918597
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.8
 91 22.2 11.1 33.1





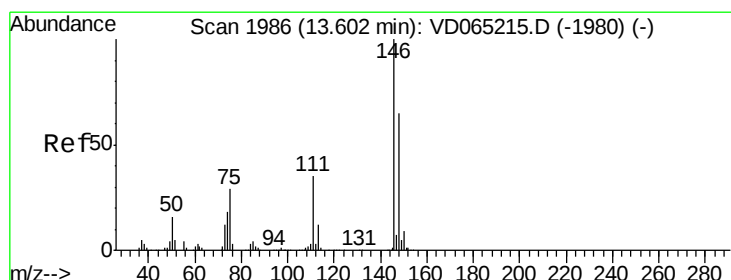
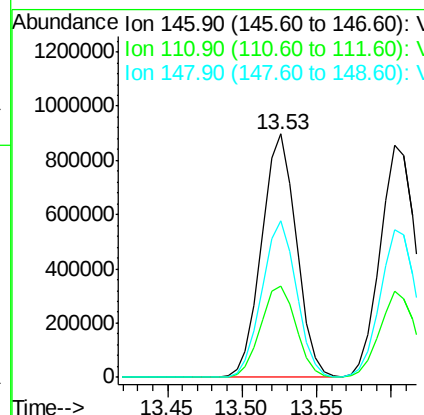
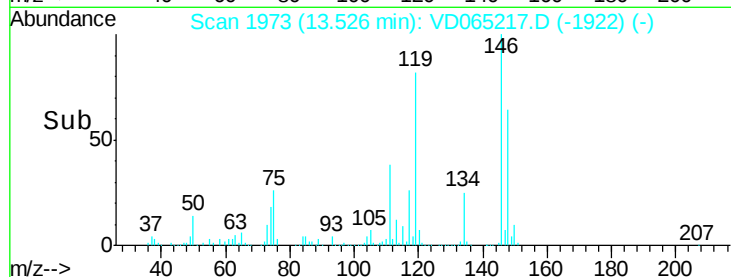
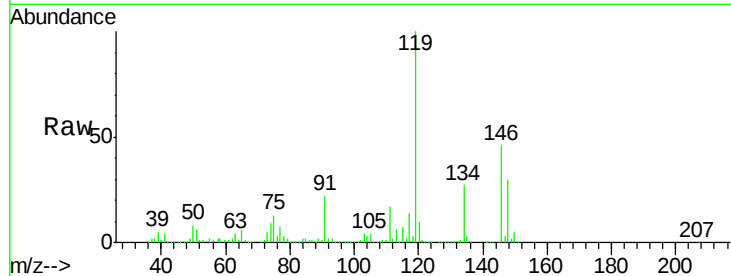
#87
 1,3-Dichlorobenzene
 Concen: 138.894 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD065217.D
 Acq: 18 Feb 2020 12:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion:146 Resp: 1447849
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.6 55.8
 148 64.0 31.4 94.3

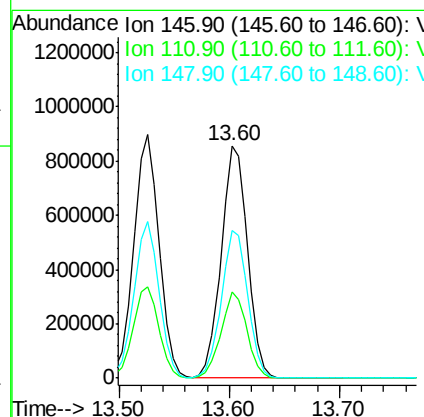
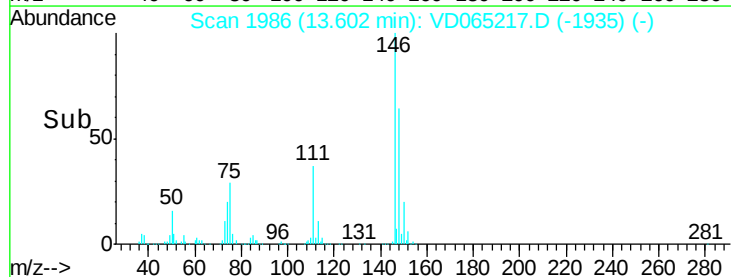
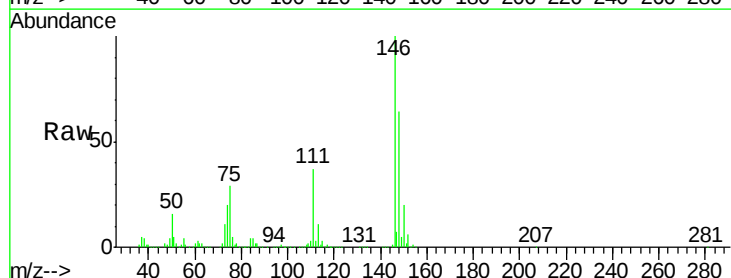
Manual Integrations
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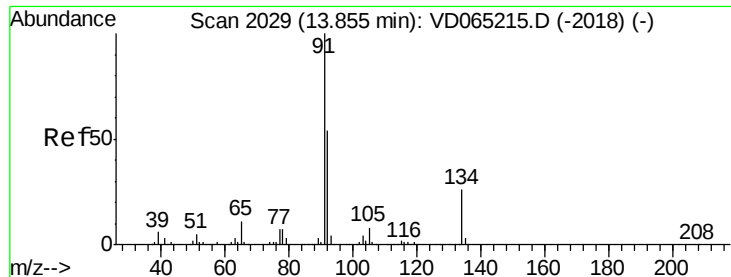
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#88
 1,4-Dichlorobenzene
 Concen: 137.694 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD065217.D
 Acq: 18 Feb 2020 12:54

Tgt Ion:146 Resp: 1416613
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.4 55.2
 148 63.8 32.1 96.5





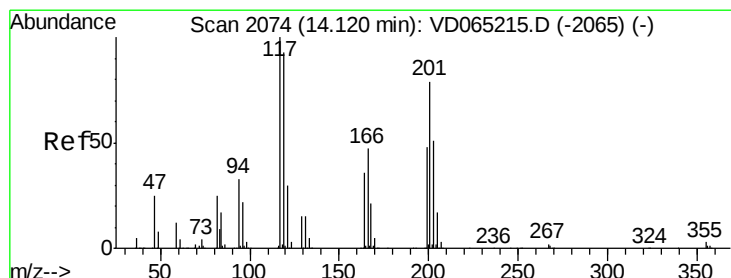
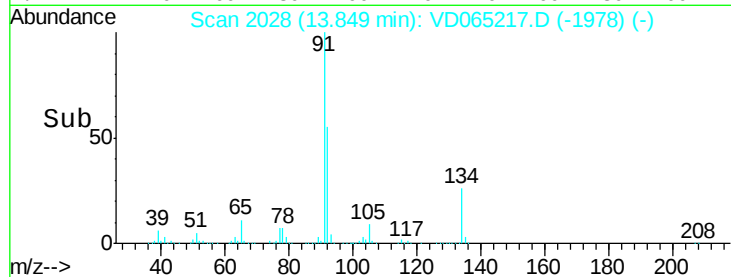
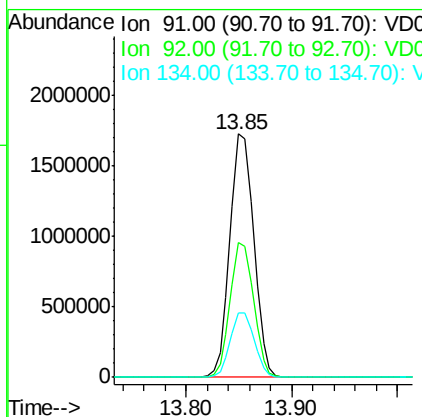
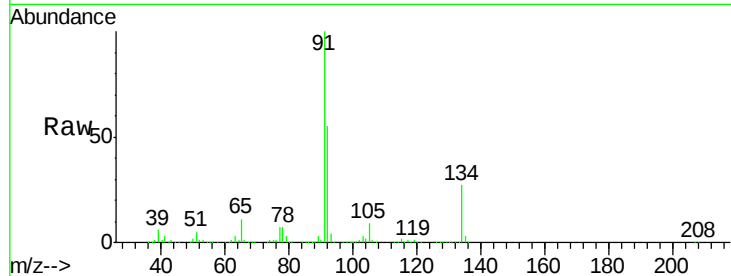
#89
n-Butylbenzene
Concen: 147.840 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.01 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 2690926
Ion Ratio Lower Upper
91 100
92 54.6 27.0 80.8
134 26.9 13.5 40.4

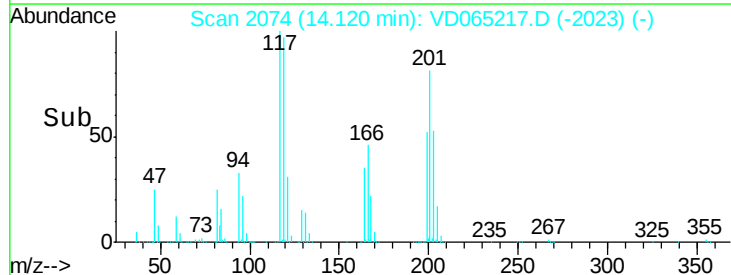
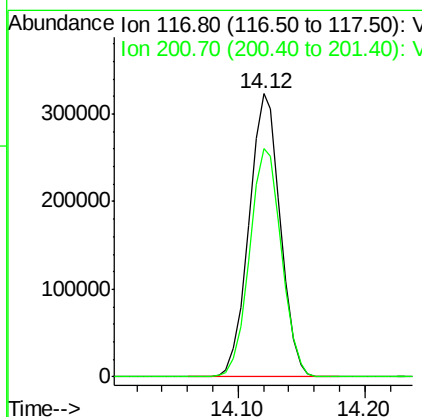
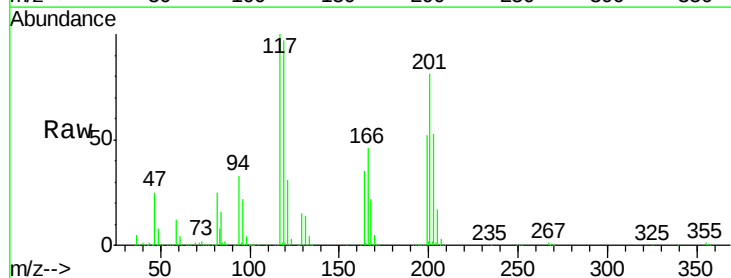
Manual Integrations
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#90
Hexachloroethane
Concen: 138.246 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Tgt Ion: 117 Resp: 554460
Ion Ratio Lower Upper
117 100
201 82.3 41.3 124.1





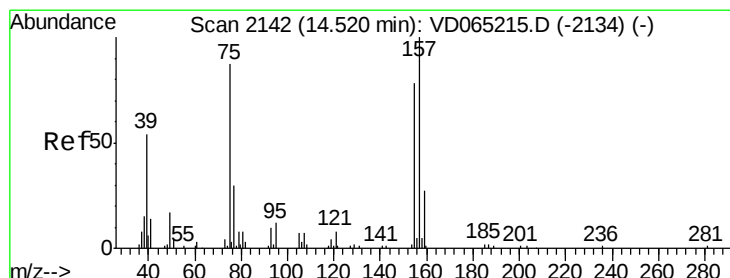
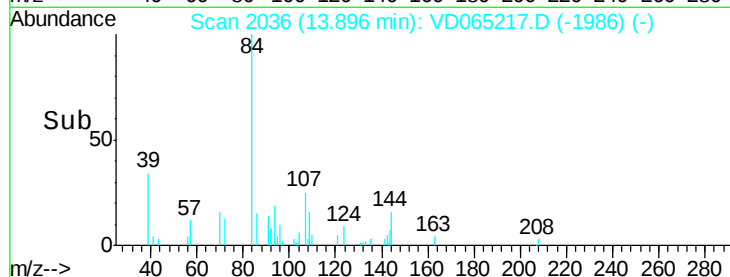
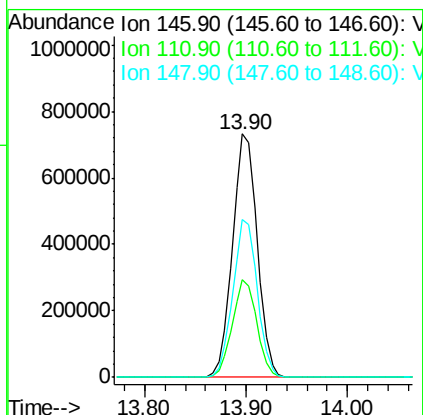
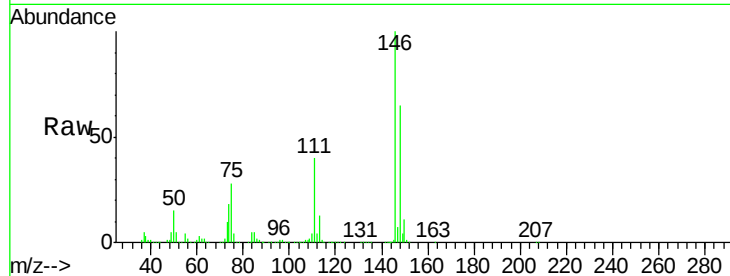
#91
 1,2-Dichlorobenzene
 Concen: 138.375 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: VD065217.D
 Acq: 18 Feb 2020 12:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.7	59.0
148	64.1	32.0	96.2

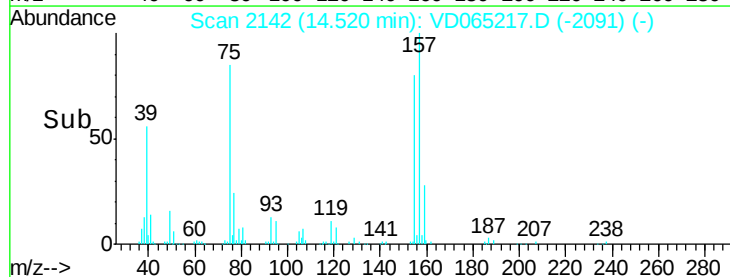
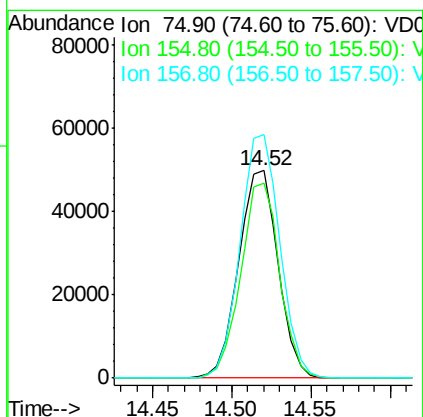
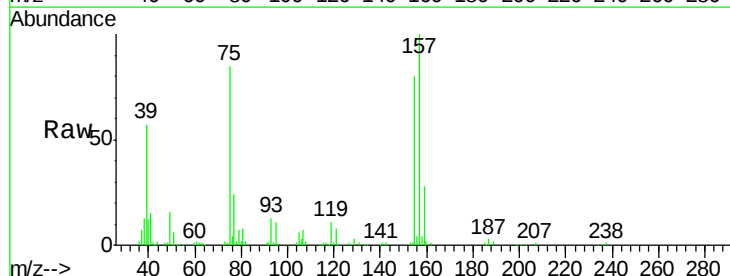
Manual Integrations
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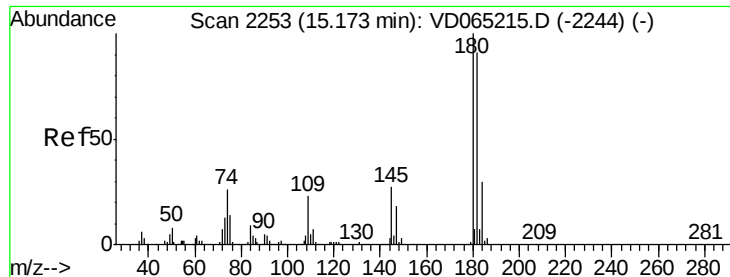
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 142.709 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VD065217.D
 Acq: 18 Feb 2020 12:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.6	42.3	126.9
157	118.2	56.7	170.1





#93

1,2,4-Trichlorobenzene

Concen: 150.782 ug/l

RT: 15.17 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Instrument :

MSVOA_D

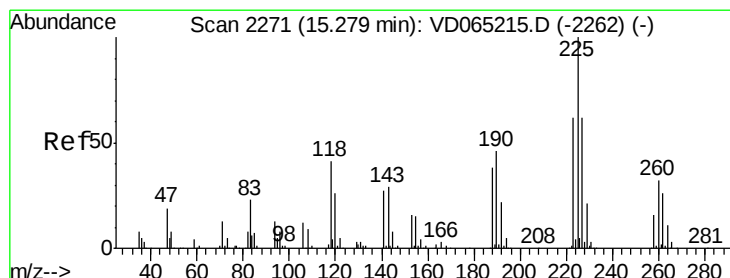
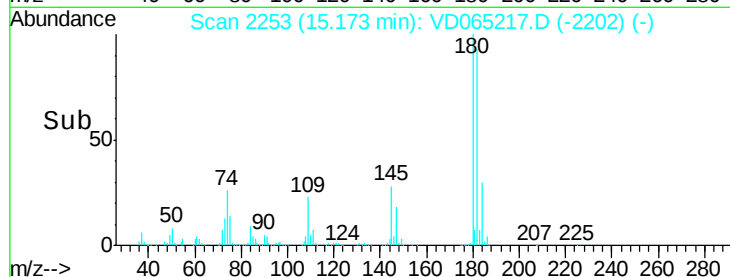
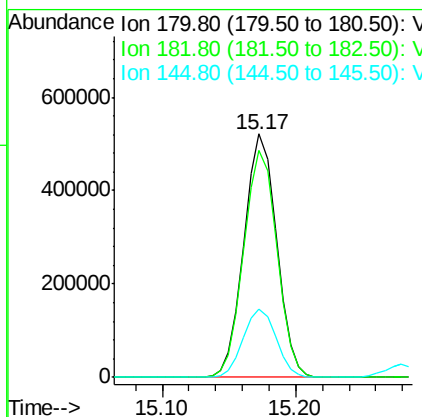
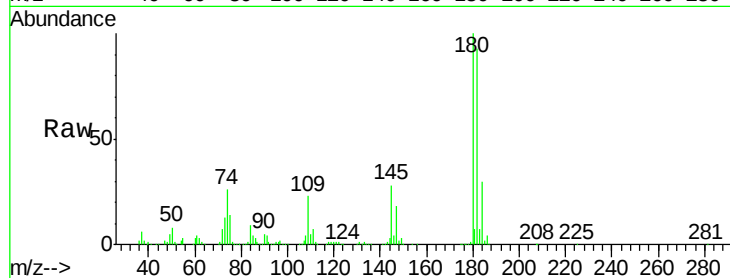
ClientSampleId :

VSTDIC150

Tot Ion:	180	Resp:	882777
Ion Ratio	Lower	Upper	
180	100		
182	94.7	46.9	140.6
145	28.4	13.9	41.7

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 141.373 ug/l

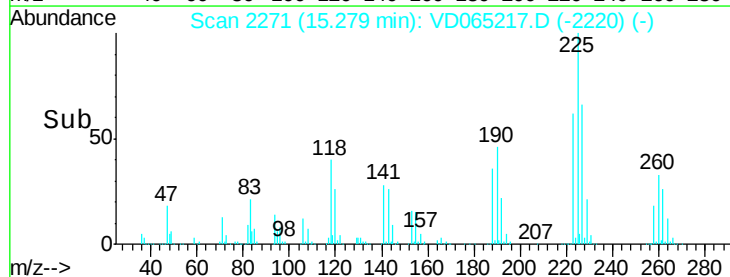
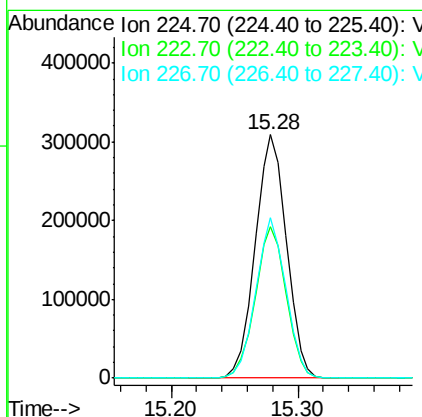
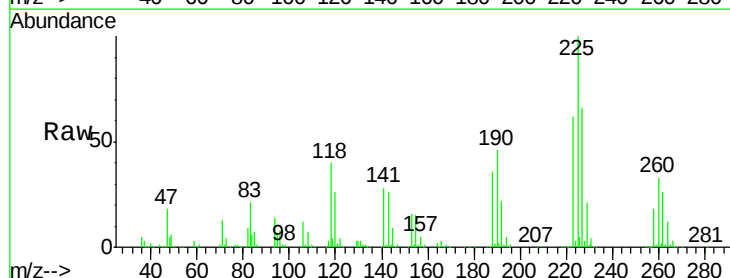
RT: 15.28 min Scan# 2271

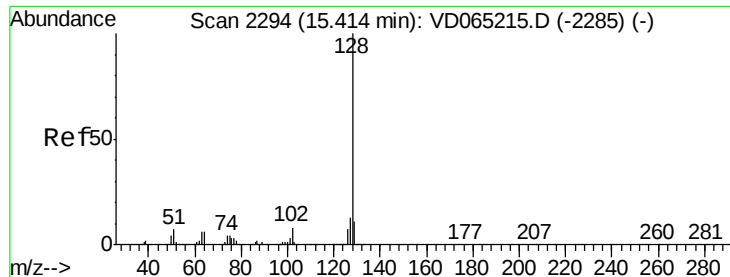
Delta R.T. 0.00 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Tgt Ion:	225	Resp:	530950
Ion Ratio	Lower	Upper	
225	100		
223	61.6	31.4	94.2
227	63.3	31.7	95.1





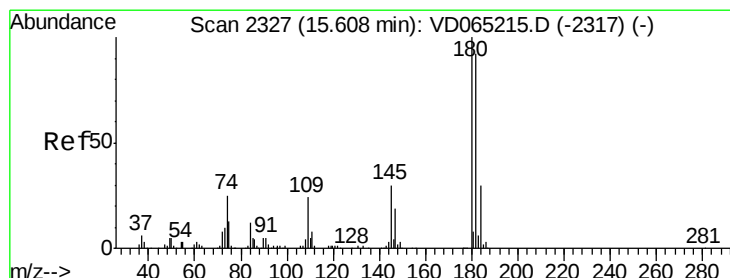
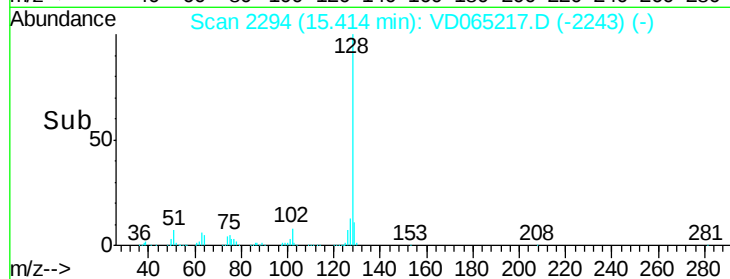
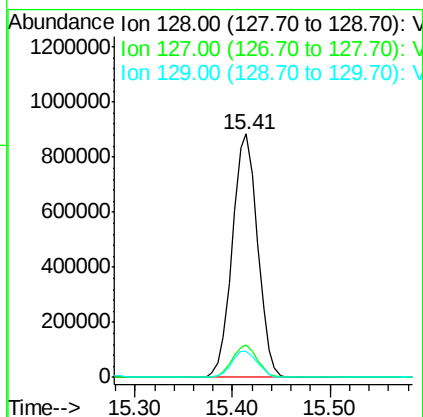
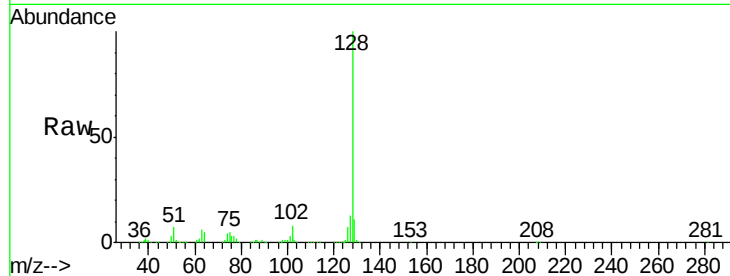
#95
Naphthalene
Concen: 166.799 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.0	8.8	13.2

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 150.017 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	46.9	140.6
145	30.3	15.4	46.1

