

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021020\
 Data File : VD065126.D
 Acq On : 10 Feb 2020 11:59
 Operator : VA/SY
 Sample : VD0210SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0210SBS01

Manual Integrations
 APPROVED

MMDadoda
 2/11/2020 6:09:29 PM

Quant Time: Feb 11 08:17:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	452554	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	662243	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	602621	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	288516	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	215279	55.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.94%	
35) Dibromofluoromethane	7.91	113	213292	57.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.46%	
50) Toluene-d8	10.34	98	840234	57.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.26%	
62) 4-Bromofluorobenzene	12.64	95	261157	56.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	83356	22.134	ug/l	100
3) Chloromethane	2.21	50	109361	24.669	ug/l	96
4) Vinyl Chloride	2.35	62	110439	23.556	ug/l	99
5) Bromomethane	2.76	94	68139	22.415	ug/l	97
6) Chloroethane	2.92	64	67208	23.109	ug/l	95
7) Trichlorofluoromethane	3.27	101	162496	23.816	ug/l	98
8) Diethyl Ether	3.70	74	42237	21.563	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.09	101	93701	22.464	ug/l	99
10) Methyl Iodide	4.30	142	90591	19.028	ug/l	97
11) Tert butyl alcohol	5.24	59	28234	120.142	ug/l	95
12) 1,1-Dichloroethene	4.06	96	88653	22.192	ug/l	95
13) Acrolein	3.93	56	28991	100.297	ug/l	94
14) Allyl chloride	4.71	41	144847	21.817	ug/l	99
15) Acrylonitrile	5.43	53	93011	108.615	ug/l	98
16) Acetone	4.16	43	100759	104.777	ug/l	98
17) Carbon Disulfide	4.40	76	292497	22.804	ug/l	99
18) Methyl Acetate	4.72	43	47140	23.463	ug/l	97
19) Methyl tert-butyl Ether	5.49	73	180931	20.482	ug/l	97
20) Methylene Chloride	4.96	84	103755	22.322	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	101486	22.455	ug/l	90
22) Diisopropyl ether	6.37	45	278903	22.271	ug/l	97
23) Vinyl Acetate	6.31	43	735733	105.403	ug/l	99
24) 1,1-Dichloroethane	6.27	63	173321	22.865	ug/l	98
25) 2-Butanone	7.23	43	125891	109.747	ug/l	92
26) 2,2-Dichloropropane	7.21	77	158721	23.361	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	105678	22.009	ug/l	99
28) Bromochloromethane	7.54	49	60085	20.911	ug/l	100
29) Tetrahydrofuran	7.57	42	76229	109.888	ug/l	98
30) Chloroform	7.71	83	171138	22.675	ug/l	99
31) Cyclohexane	7.98	56	166886	21.811	ug/l	95
32) 1,1,1-Trichloroethane	7.91	97	162772	23.152	ug/l	99
36) 1,1-Dichloropropene	8.11	75	144506	23.467	ug/l	98
37) Ethyl Acetate	7.30	43	55367	22.008	ug/l	99
38) Carbon Tetrachloride	8.10	117	143806	22.865	ug/l	98

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Quant Time: Feb 11 08:17:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	159306	20.959	ug/l	94
40) Benzene	8.35	78	391427	23.019	ug/l	99
41) Methacrylonitrile	7.53	41	30526	22.025	ug/l #	88
42) 1,2-Dichloroethane	8.43	62	110022	22.707	ug/l	97
43) Isopropyl Acetate	8.46	43	103496	21.506	ug/l	99
44) Trichloroethene	9.11	130	111017	22.745	ug/l	96
45) 1,2-Dichloropropane	9.39	63	95788	23.494	ug/l	93
46) Dibromomethane	9.48	93	49208	22.968	ug/l	98
47) Bromodichloromethane	9.67	83	132094	23.400	ug/l	94
48) Methyl methacrylate	9.46	41	48416	20.908	ug/l	98
49) 1,4-Dioxane	9.47	88	10790	425.217	ug/l #	93
51) 4-Methyl-2-Pentanone	10.23	43	255894	108.030	ug/l	99
52) Toluene	10.41	92	249259	22.966	ug/l	97
53) t-1,3-Dichloropropene	10.63	75	123659	22.499	ug/l	99
54) cis-1,3-Dichloropropene	10.10	75	147607	22.455	ug/l	96
55) 1,1,2-Trichloroethane	10.81	97	68426	23.285	ug/l	96
56) Ethyl methacrylate	10.67	69	77733	20.906	ug/l	99
57) 1,3-Dichloropropane	10.95	76	118244	22.883	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	124422	91.521	ug/l	99
59) 2-Hexanone	10.99	43	180212	107.408	ug/l	100
60) Dibromochloromethane	11.14	129	87510	22.991	ug/l	99
61) 1,2-Dibromoethane	11.26	107	64123	22.332	ug/l	99
64) Tetrachloroethene	10.88	164	94677	21.865	ug/l	93
65) Chlorobenzene	11.67	112	260120	22.317	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	96342	22.396	ug/l	99
67) Ethyl Benzene	11.75	91	464170	21.920	ug/l	100
68) m/p-Xylenes	11.86	106	359379	44.465	ug/l	100
69) o-Xylene	12.18	106	155239	21.329	ug/l	99
70) Styrene	12.20	104	276952	21.894	ug/l	100
71) Bromoform	12.37	173	51975	22.447	ug/l #	99
73) Isopropylbenzene	12.48	105	430335	21.731	ug/l	99
74) N-amyl acetate	12.30	43	88955	20.667	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	70686	22.680	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	46608m	21.337	ug/l	
77) Bromobenzene	12.77	156	103307	21.653	ug/l	99
78) n-propylbenzene	12.83	91	519112	22.384	ug/l	100
79) 2-Chlorotoluene	12.91	91	282175	21.829	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	354227	21.865	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	23827	21.815	ug/l	99
82) 4-Chlorotoluene	13.01	91	295103	21.737	ug/l	99
83) tert-Butylbenzene	13.23	119	295593	21.149	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	351320	21.843	ug/l	99
85) sec-Butylbenzene	13.41	105	417157	21.853	ug/l	99
86) p-Isopropyltoluene	13.53	119	393334	22.177	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	196329	21.978	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	197436	22.206	ug/l	99
89) n-Butylbenzene	13.86	91	352633	21.540	ug/l	99
90) Hexachloroethane	14.12	117	77157	22.973	ug/l	95
91) 1,2-Dichlorobenzene	13.90	146	169401	22.140	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11831	23.254	ug/l	93

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ClientSampleId :
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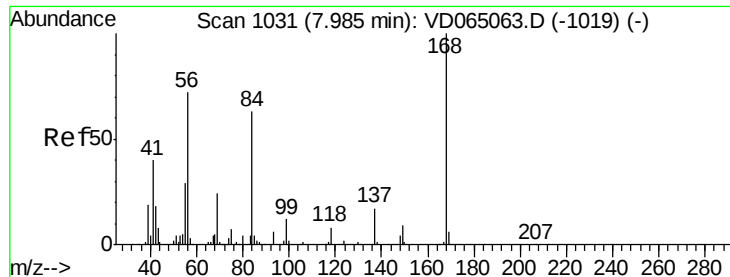
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 05 15:53:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	112106	20.499	ug/l	100
94) Hexachlorobutadiene	15.28	225	68742	20.443	ug/l	98
95) Naphthalene	15.41	128	175482	19.306	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	97173	20.773	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065126.D

Acq: 10 Feb 2020 11:59

Instrument :

MSVOA_D

ClientSampleId :

VD0210SBS01

Tot Ion:168 Resp: 452554

Ion Ratio Lower Upper

168 100

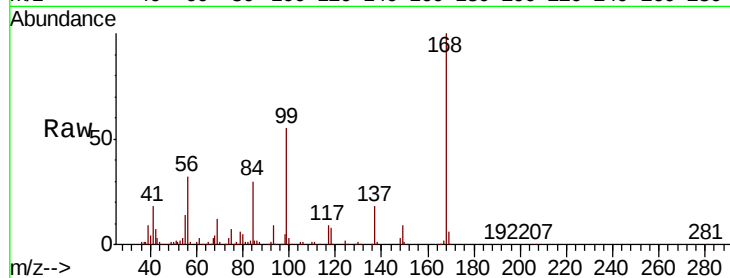
99 54.1 41.0 61.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

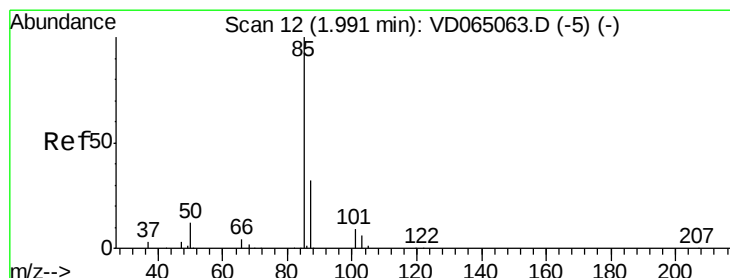
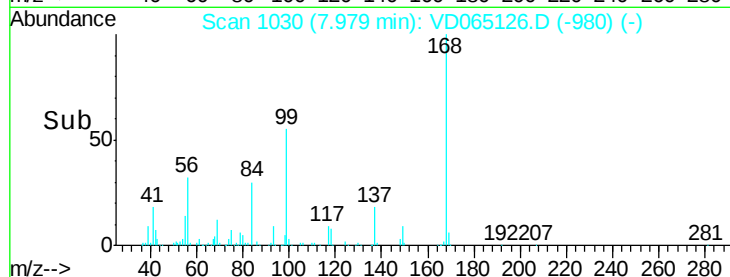
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50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 22.134 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD065126.D

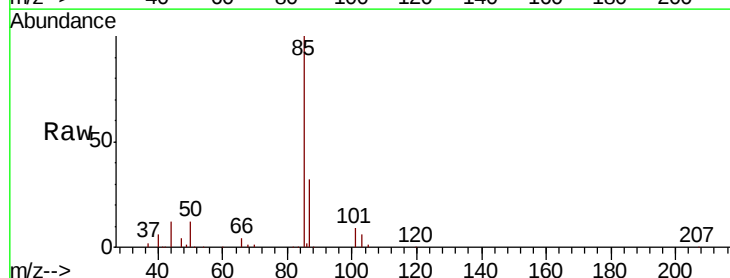
Acq: 10 Feb 2020 11:59

Tgt Ion: 85 Resp: 83356

Ion Ratio Lower Upper

85 100

87 31.7 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

60000

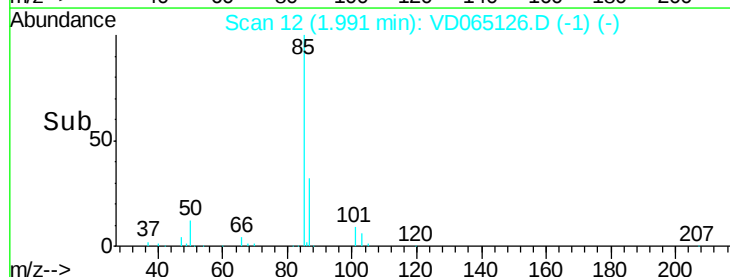
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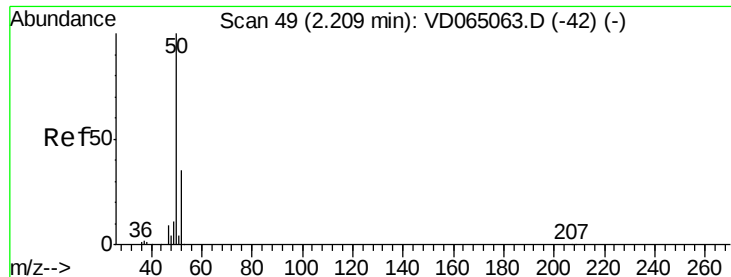
20000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 24.669 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065126.D

Acq: 10 Feb 2020 11:59

Instrument :

MSVOA_D

ClientSampleId :

VD0210SBS01

Tot Ion: 50 Resp: 109361

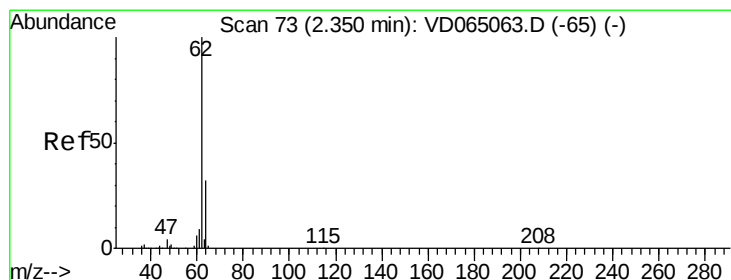
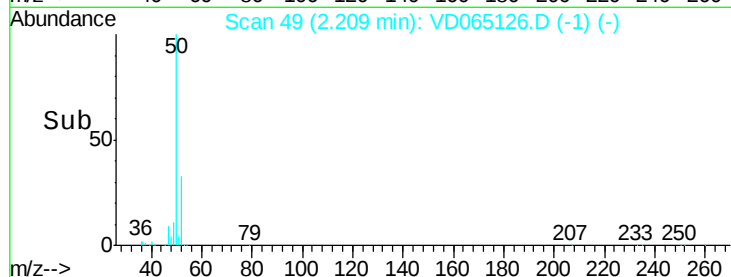
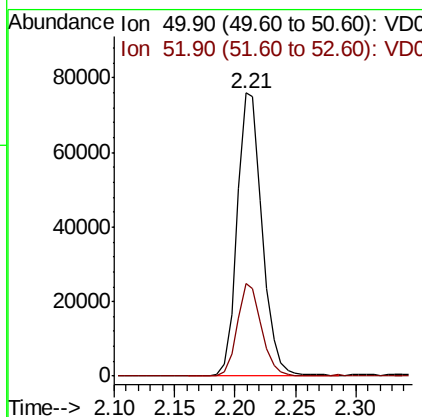
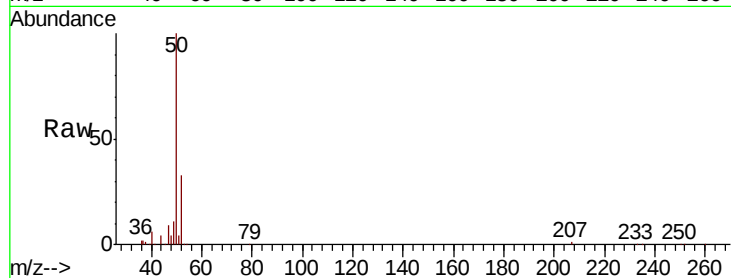
Ion Ratio Lower Upper

50 100

52 32.5 27.8 41.6

Manual Integrations
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#4

Vinyl Chloride

Concen: 23.556 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065126.D

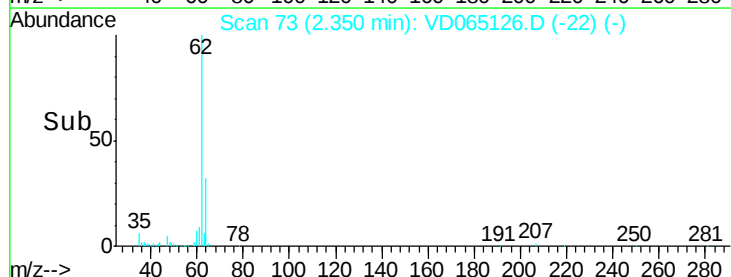
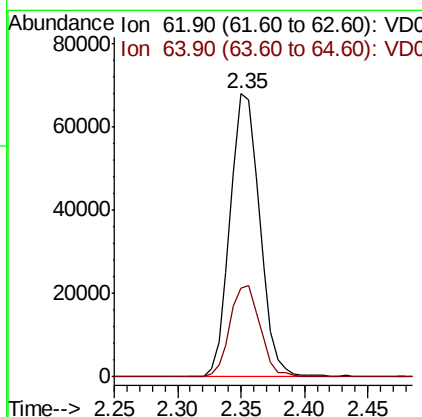
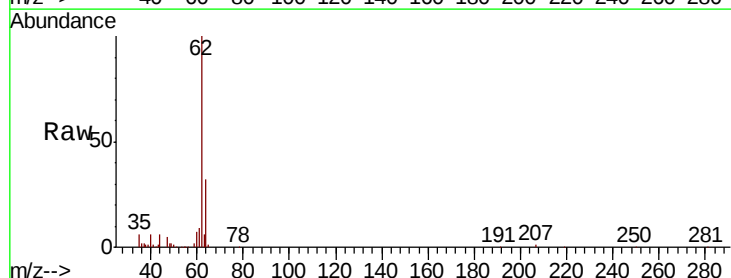
Acq: 10 Feb 2020 11:59

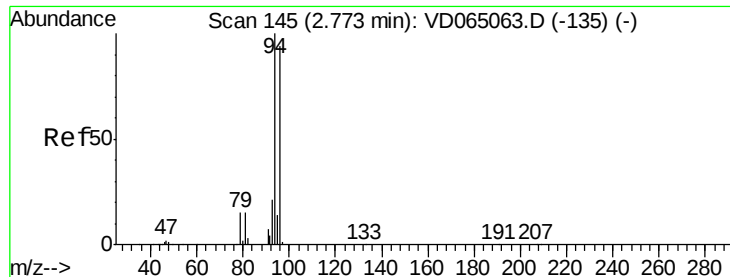
Tgt Ion: 62 Resp: 110439

Ion Ratio Lower Upper

62 100

64 31.6 25.9 38.9





#5

Bromomethane

Concen: 22.415 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD065126.D

Acq: 10 Feb 2020 11:59

Instrument :

MSVOA_D

ClientSampleId :

VD0210SBS01

Tot Ion: 94 Resp: 68139

Ion Ratio Lower Upper

94 100

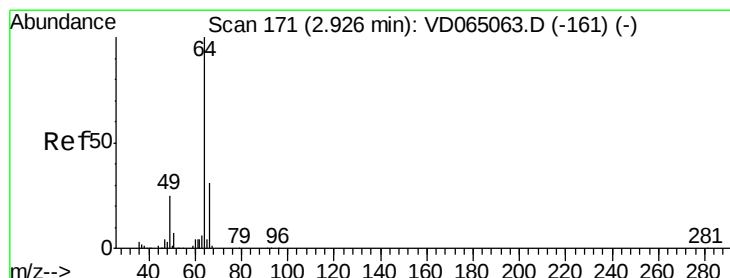
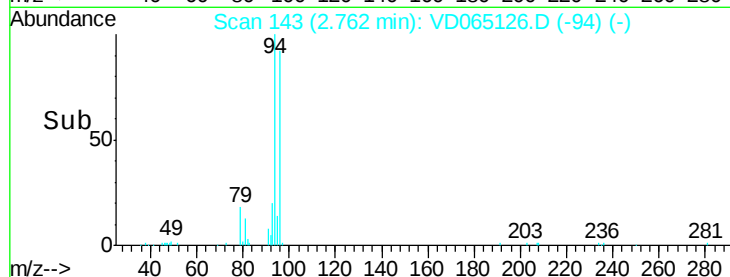
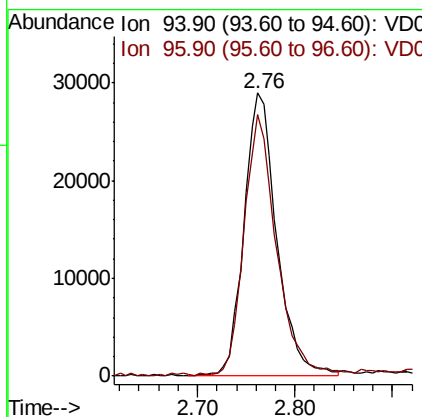
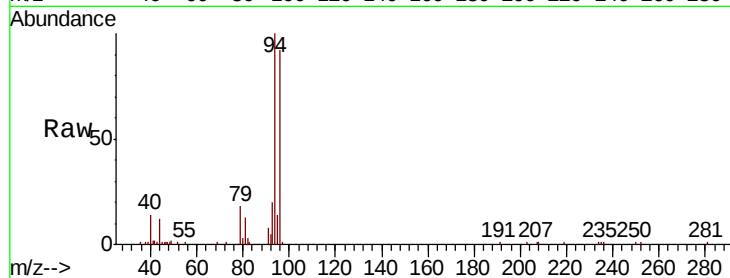
96 91.6 75.4 113.0

Manual Integrations

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2/11/2020 6:09:29 PM



#6

Chloroethane

Concen: 23.109 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD065126.D

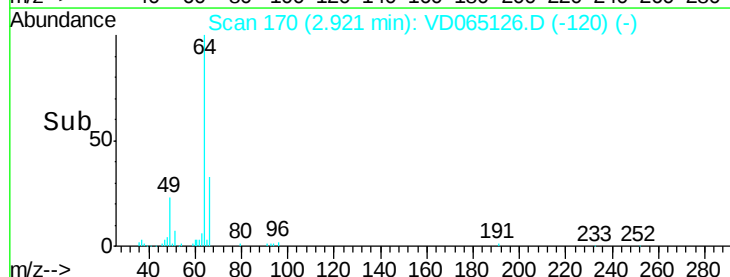
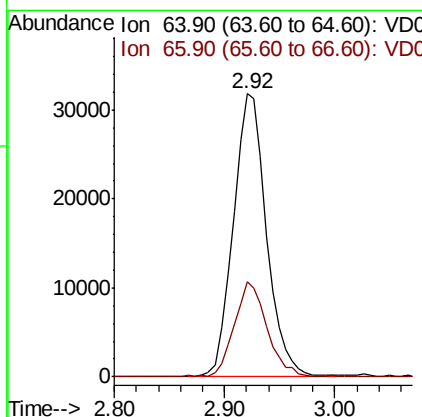
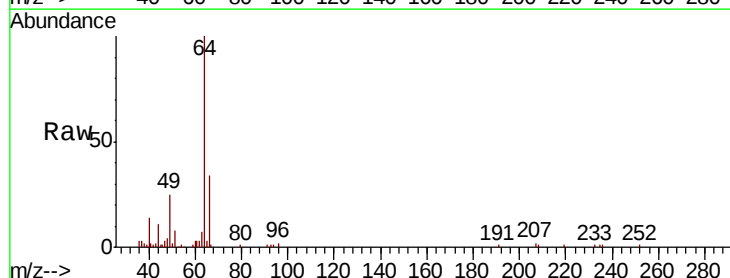
Acq: 10 Feb 2020 11:59

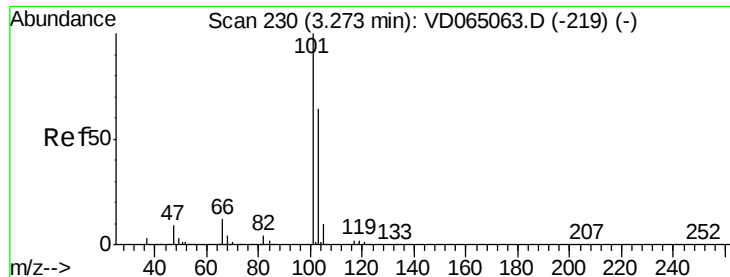
Tgt Ion: 64 Resp: 67208

Ion Ratio Lower Upper

64 100

66 33.5 24.8 37.2





#7

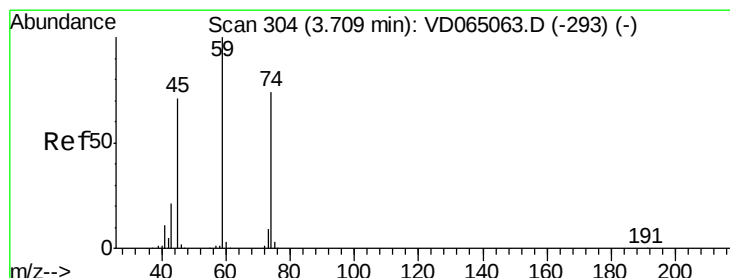
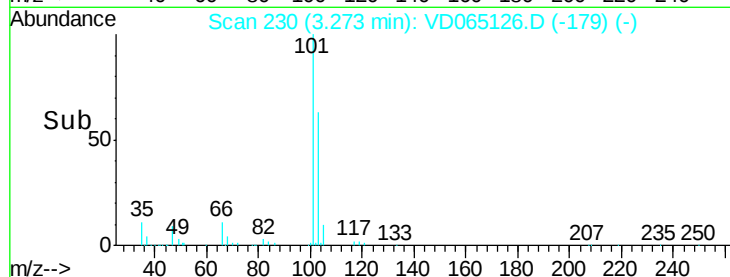
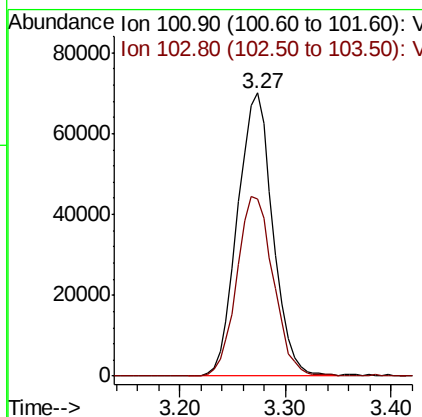
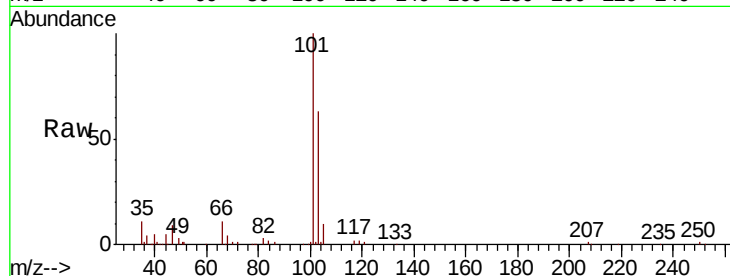
Trichlorofluoromethane
 Concen: 23.816 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD065126.D
 Acq: 10 Feb 2020 11:59

Instrument :
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 ClientSampleId :
 VD0210SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.5	51.0	76.6

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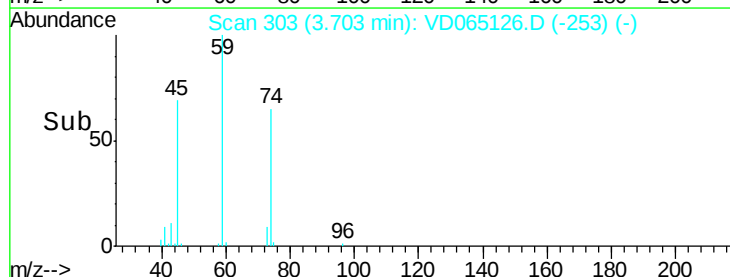
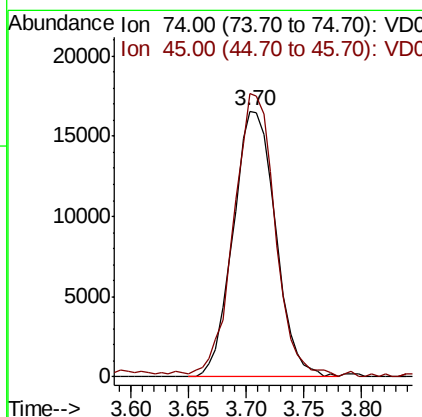
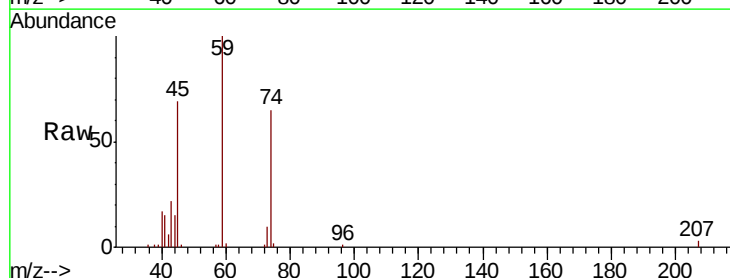
MMDadoda
 2/11/2020 6:09:29 PM

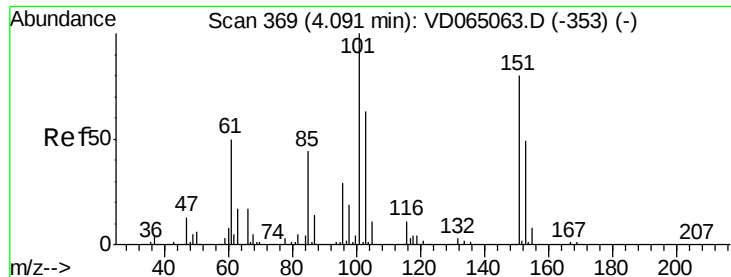


#8

Diethyl Ether
 Concen: 21.563 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD065126.D
 Acq: 10 Feb 2020 11:59

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.0	49.0	147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.464 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD065126.D

Acq: 10 Feb 2020 11:59

Instrument :

MSVOA_D

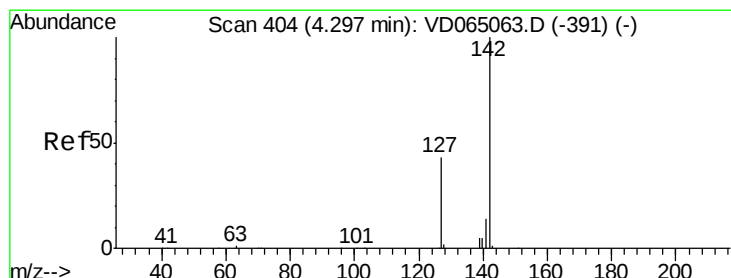
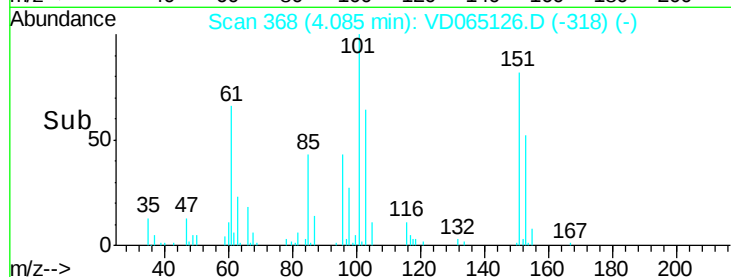
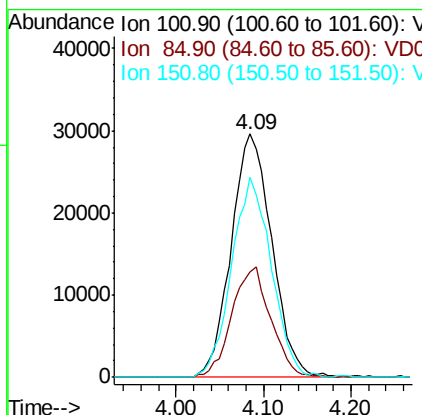
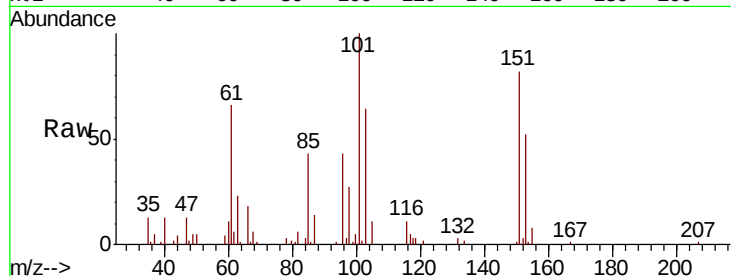
ClientSampleId :

VD0210SBS01

Tot Ion:	101	Resp:	93701
Ion Ratio	Lower	Upper	
101	100		
85	43.3	34.0	51.0
151	80.1	64.0	96.0

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#10

Methyl Iodide

Concen: 19.028 ug/l

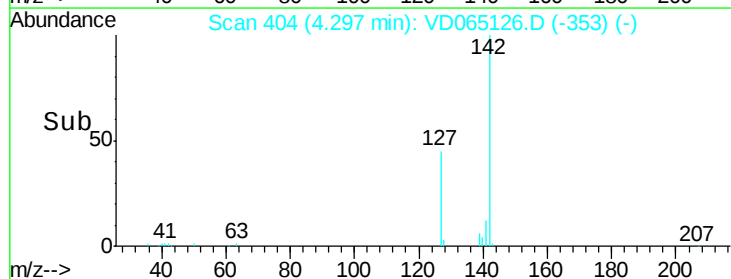
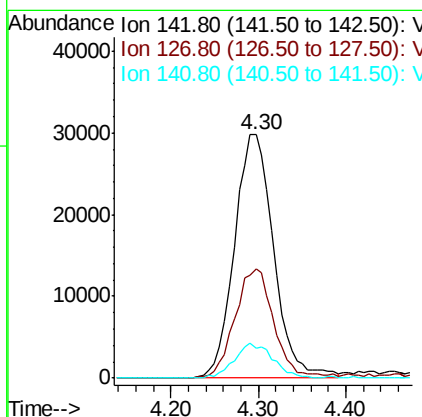
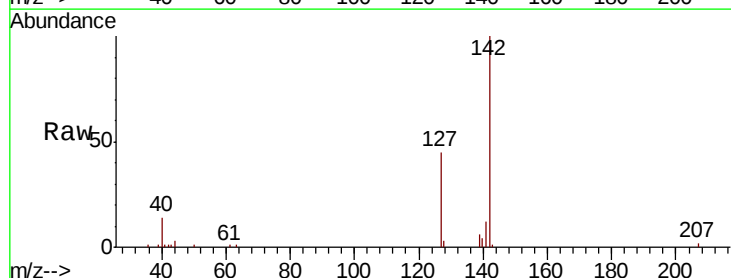
RT: 4.30 min Scan# 404

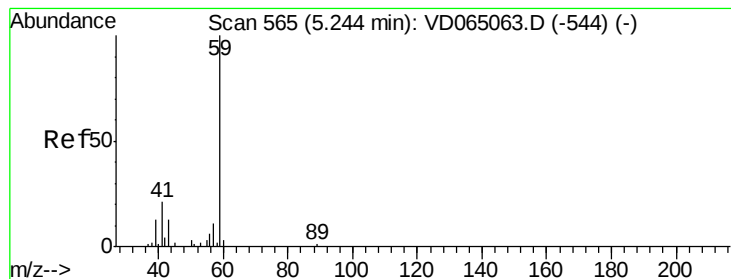
Delta R.T. -0.00 min

Lab File: VD065126.D

Acq: 10 Feb 2020 11:59

Tgt Ion:	142	Resp:	90591
Ion Ratio	Lower	Upper	
142	100		
127	44.4	34.0	51.0
141	14.0	11.6	17.4





#11

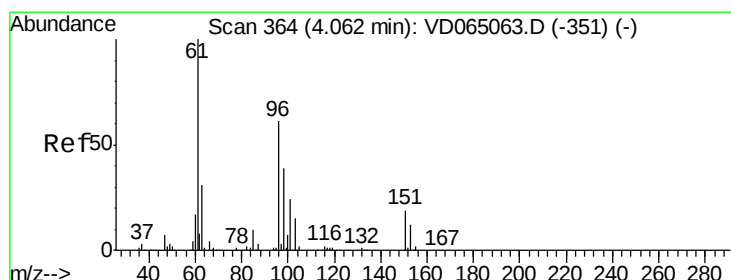
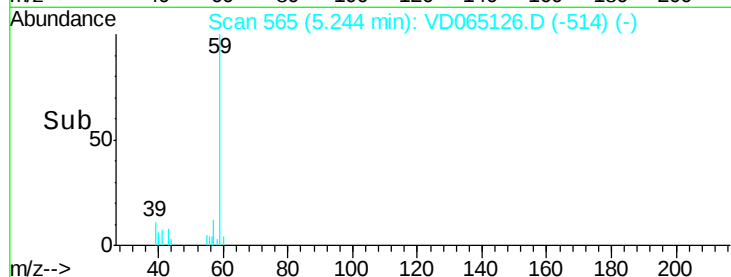
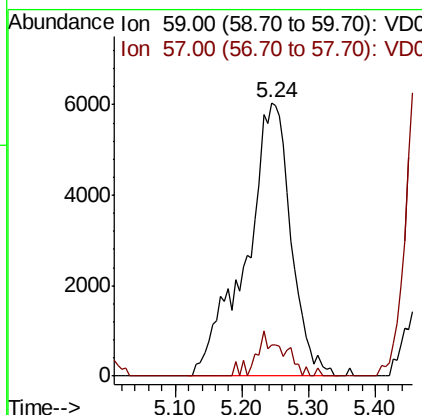
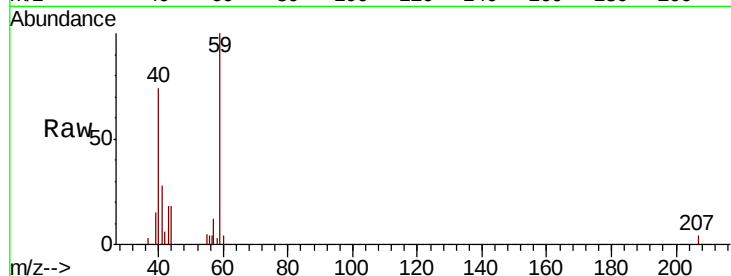
Tert butyl alcohol
 Concen: 120.142 ug/l
 RT: 5.24 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VD065126.D
 Acq: 10 Feb 2020 11:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0210SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.0	8.8	13.2

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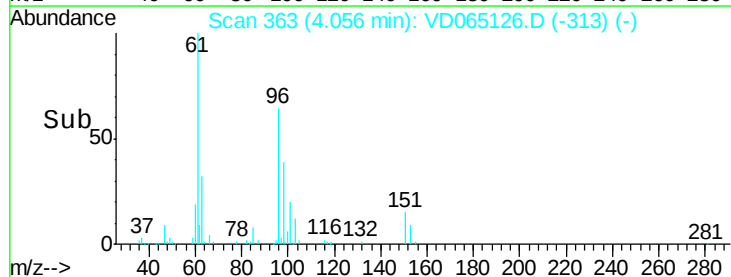
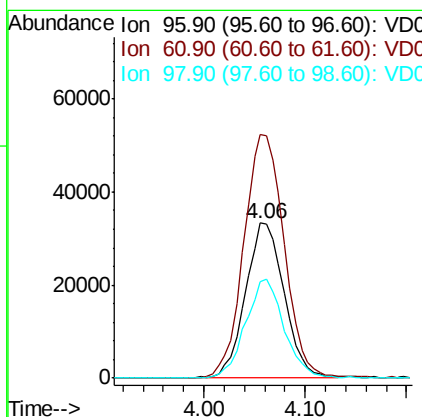
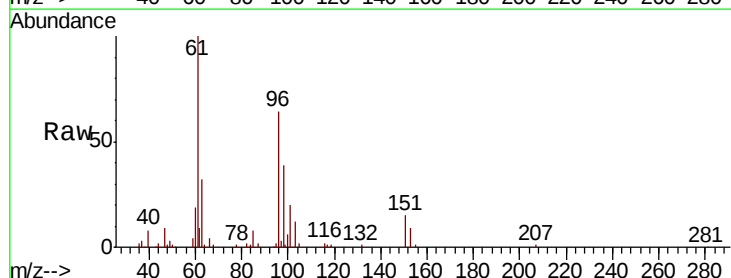
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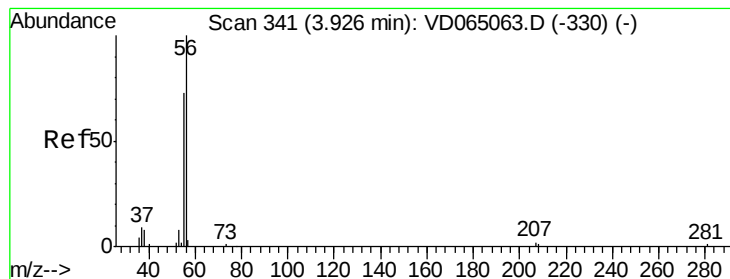


#12

1,1-Dichloroethene
 Concen: 22.192 ug/l
 RT: 4.06 min Scan# 363
 Delta R.T. -0.01 min
 Lab File: VD065126.D
 Acq: 10 Feb 2020 11:59

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.2	131.4	197.2
98	61.9	51.1	76.7





#13

Acrolein

Concen: 100.297 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD065126.D

Acq: 10 Feb 2020 11:59

Instrument :

MSVOA_D

ClientSampleId :

VD0210SBS01

Tot Ion: 56 Resp: 28991

Ion Ratio Lower Upper

56 100

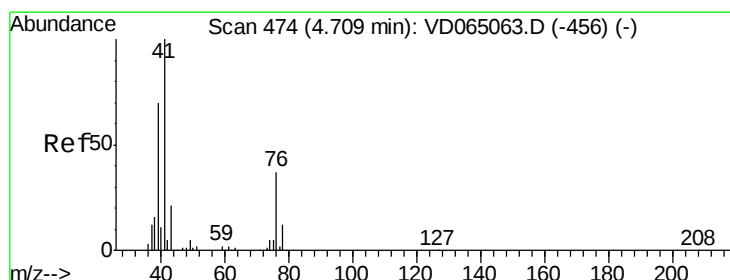
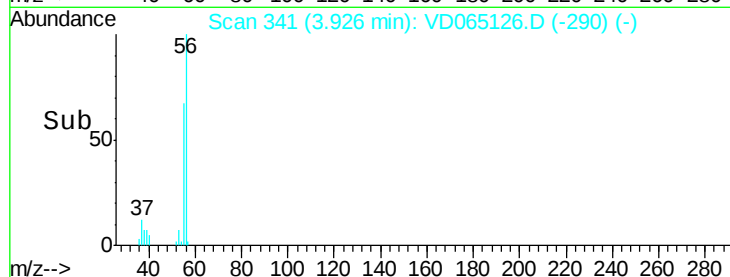
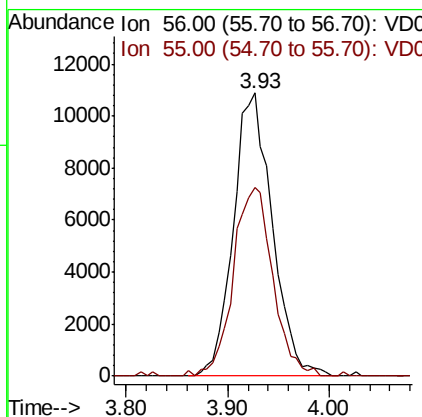
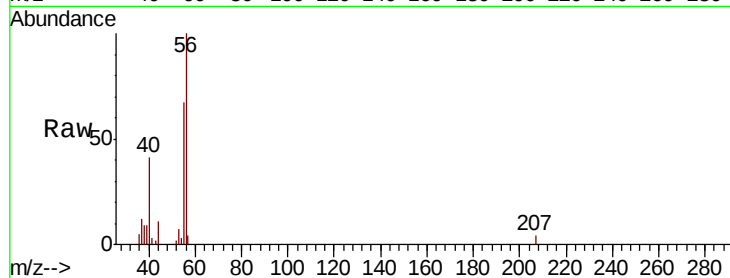
55 67.6 58.2 87.2

Manual Integrations

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#14

Allyl chloride

Concen: 21.817 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.00 min

Lab File: VD065126.D

Acq: 10 Feb 2020 11:59

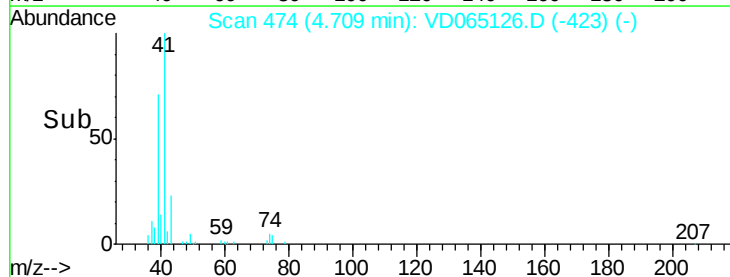
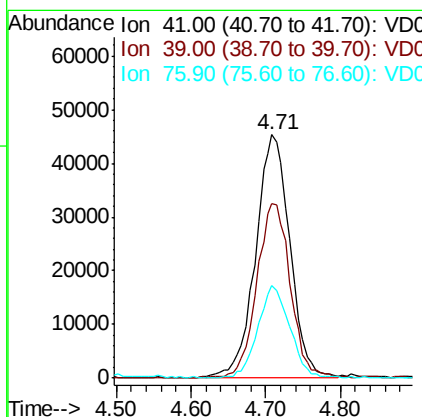
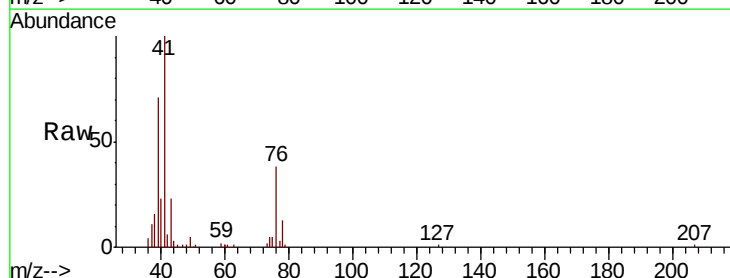
Tgt Ion: 41 Resp: 144847

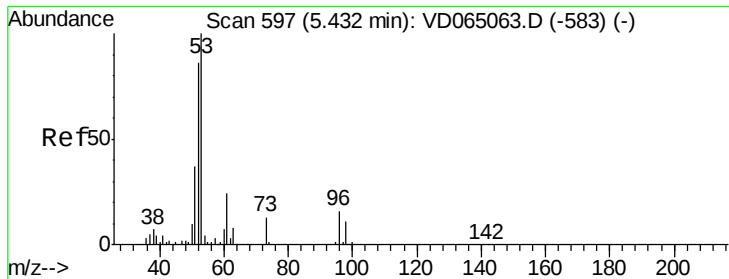
Ion Ratio Lower Upper

41 100

39 70.3 57.1 85.7

76 35.5 28.0 42.0





#15

Acrylonitrile

Concen: 108.615 ug/l

RT: 5.43 min Scan# 597

Delta R.T. -0.00 min

Lab File: VD065126.D

Acq: 10 Feb 2020 11:59

Instrument :

MSVOA_D

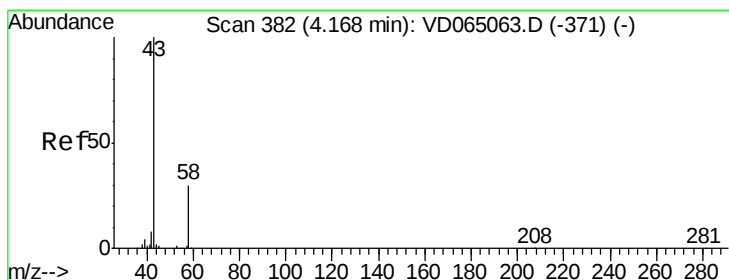
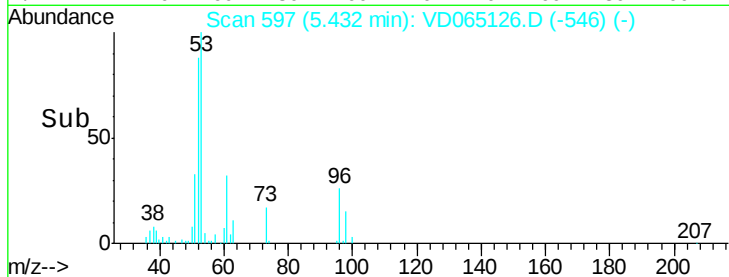
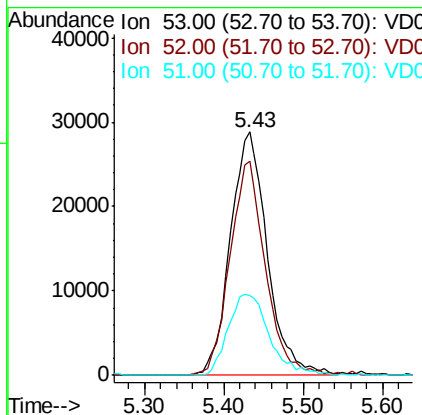
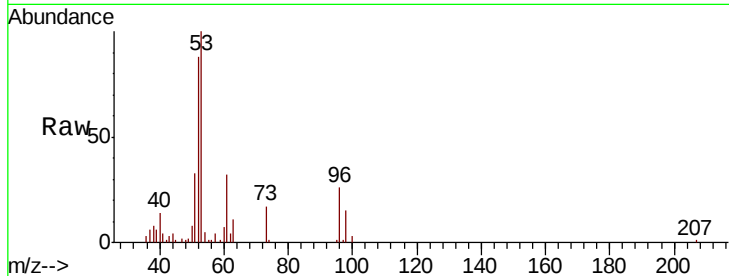
ClientSampleId :

VD0210SBS01

Tot Ion:	53	Resp:	93011
Ion Ratio	Lower	Upper	
53	100		
52	84.5	66.2	99.2
51	37.1	30.4	45.6

Manual Integrations
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#16

Acetone

Concen: 104.777 ug/l

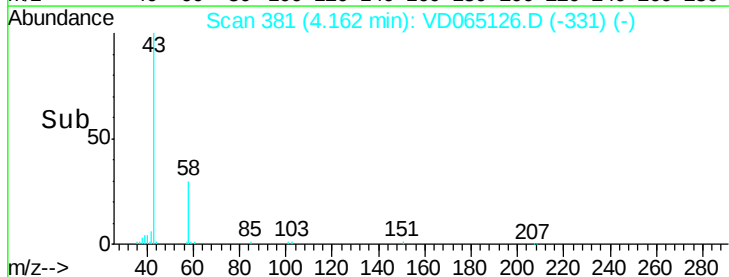
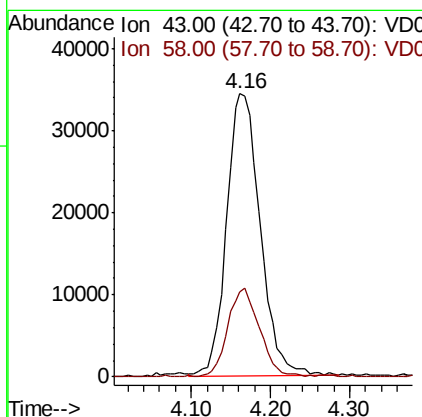
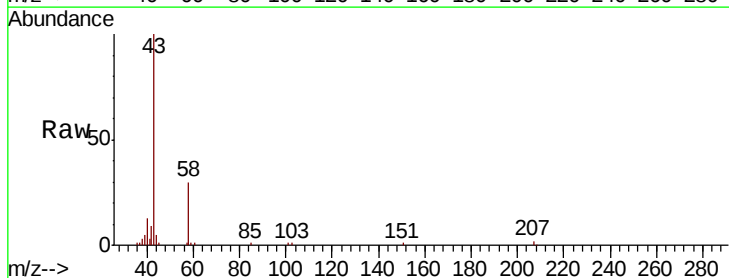
RT: 4.16 min Scan# 381

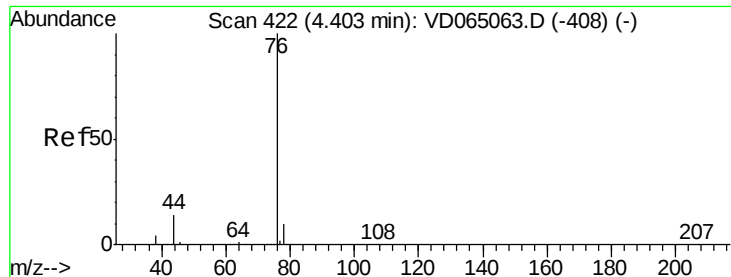
Delta R.T. -0.01 min

Lab File: VD065126.D

Acq: 10 Feb 2020 11:59

Tgt Ion:	43	Resp:	100759
Ion Ratio	Lower	Upper	
43	100		
58	30.2	23.5	35.3





#17

Carbon Disulfide

Concen: 22.804 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.00 min

Lab File: VD065126.D

Acq: 10 Feb 2020 11:59

Instrument :

MSVOA_D

ClientSampleId :

VD0210SBS01

Tot Ion: 76 Resp: 292497

Ion Ratio Lower Upper

76 100

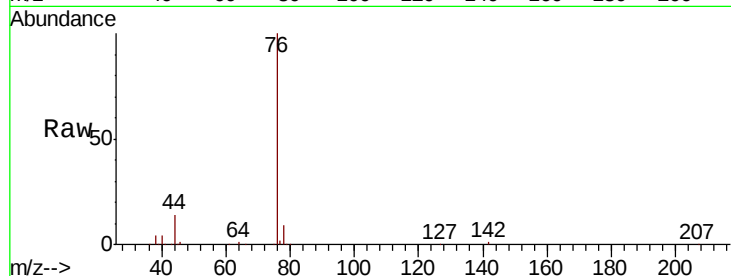
78 9.1 7.6 11.4

Manual Integrations

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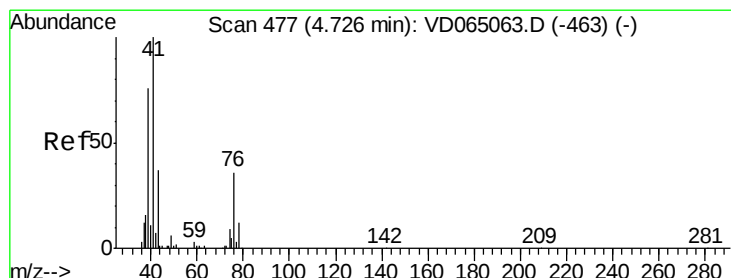
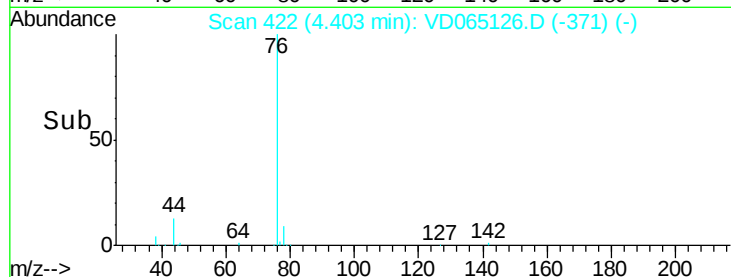
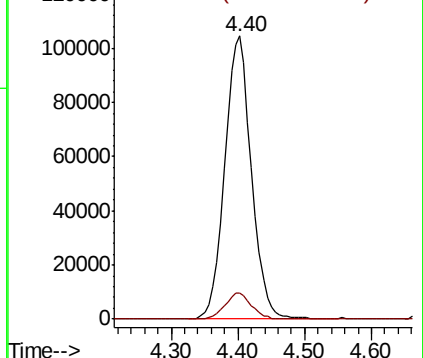
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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 23.463 ug/l

RT: 4.72 min Scan# 476

Delta R.T. -0.01 min

Lab File: VD065126.D

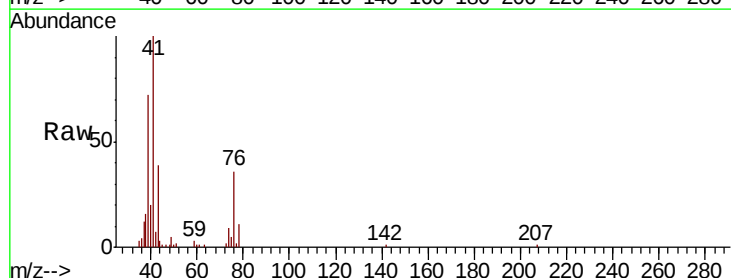
Acq: 10 Feb 2020 11:59

Tgt Ion: 43 Resp: 47140

Ion Ratio Lower Upper

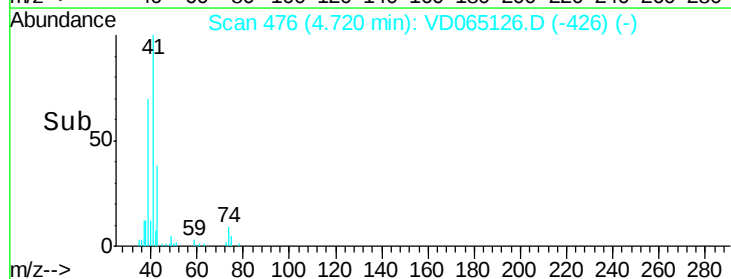
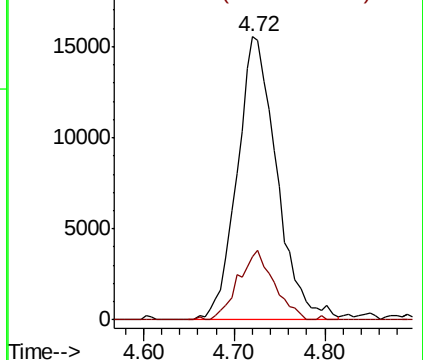
43 100

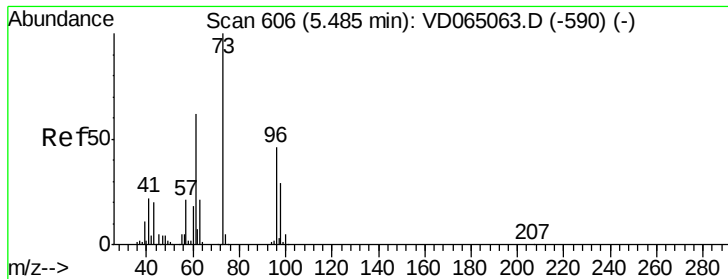
74 22.1 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





#19

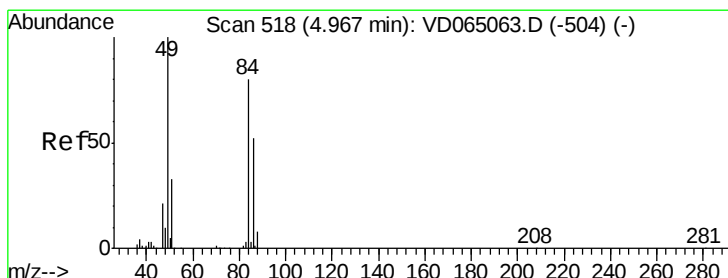
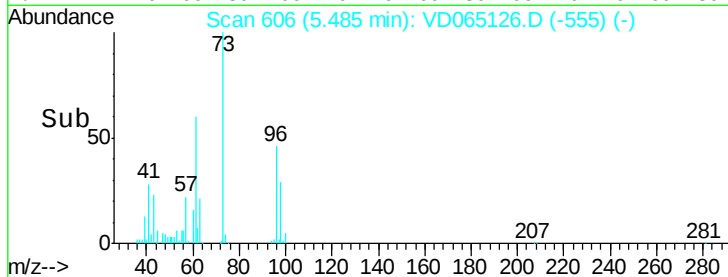
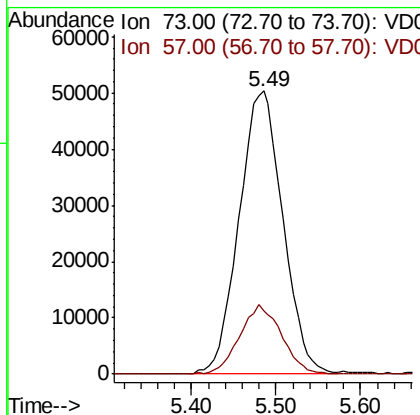
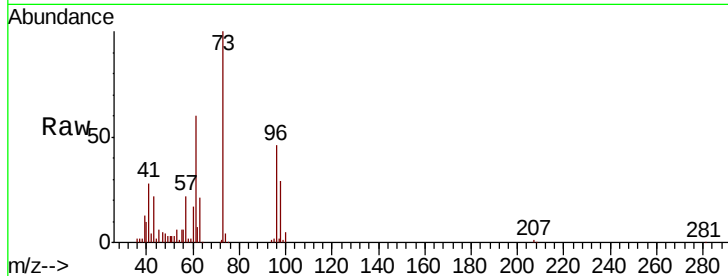
Methyl tert-butyl Ether
 Concen: 20.482 ug/l
 RT: 5.49 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VD065126.D
 Acq: 10 Feb 2020 11:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0210SBS01

Tot Ion	Ion	Ratio	Lower	Upper
73	73	100		
57	57	22.3	16.8	25.2

Manual Integrations
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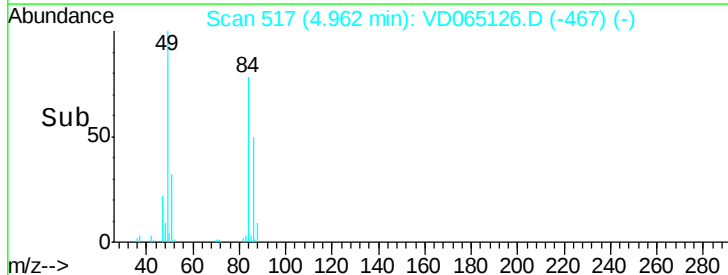
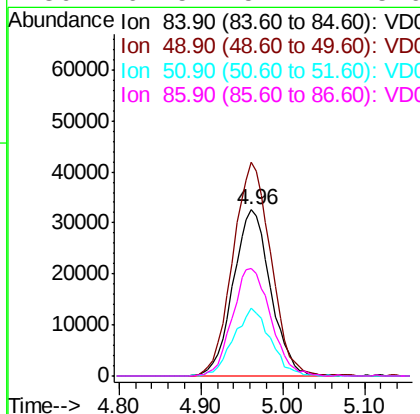
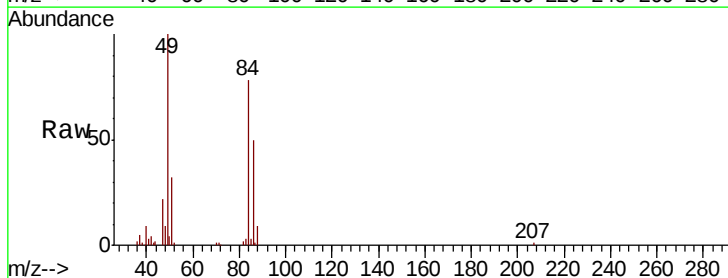
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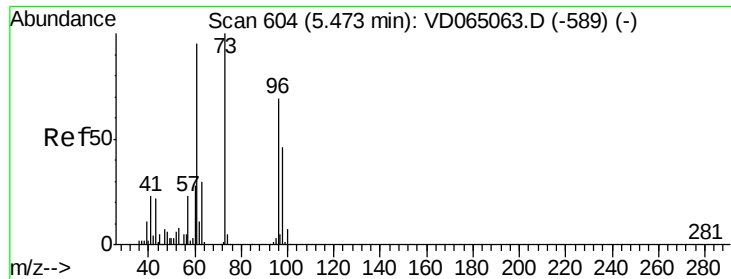


#20

Methylene Chloride
 Concen: 22.322 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: VD065126.D
 Acq: 10 Feb 2020 11:59

Tgt Ion	Ion	Ratio	Lower	Upper
84	84	100		
49	49	128.7	100.4	150.6
51	51	40.8	32.7	49.1
86	86	64.5	52.4	78.6





#21

trans-1,2-Dichloroethene

Concen: 22.455 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.00 min

Lab File: VD065126.D

Acq: 10 Feb 2020 11:59

Instrument :

MSVOA_D

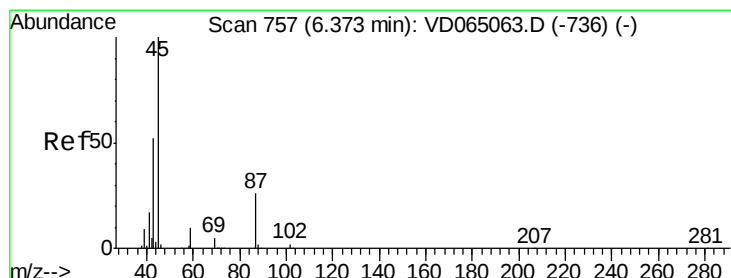
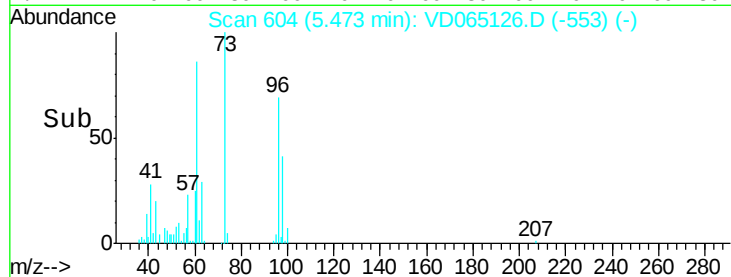
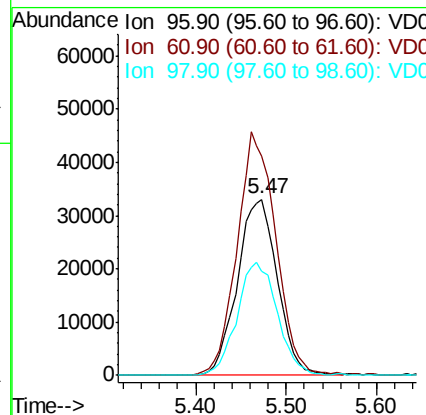
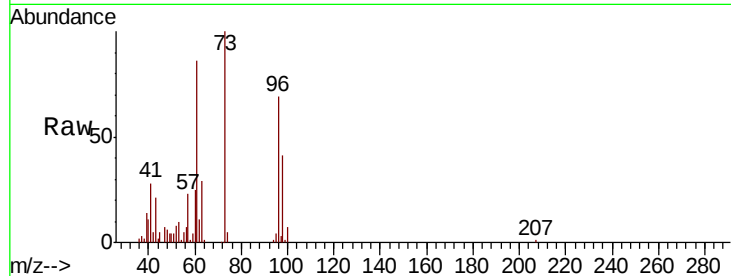
ClientSampleId :

VD0210SBS01

Tot Ion:	96	Resp:	101486
Ion	Ratio	Lower	Upper
96	100		
61	125.0	109.5	164.3
98	59.4	53.7	80.5

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#22

Diisopropyl ether

Concen: 22.271 ug/l

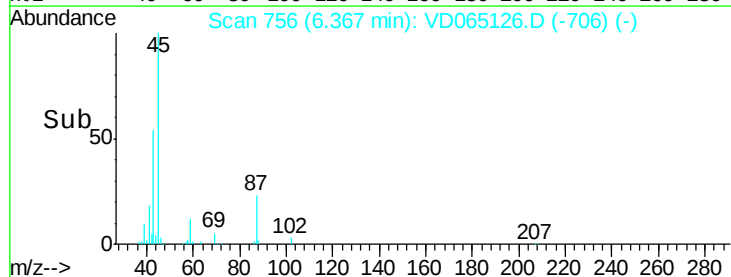
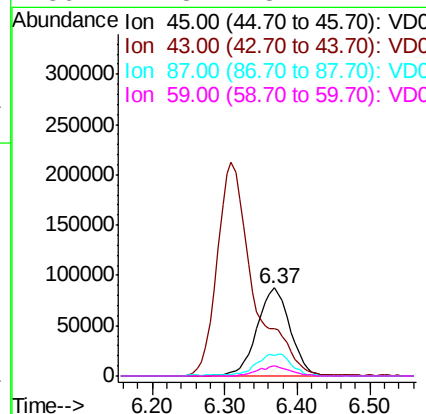
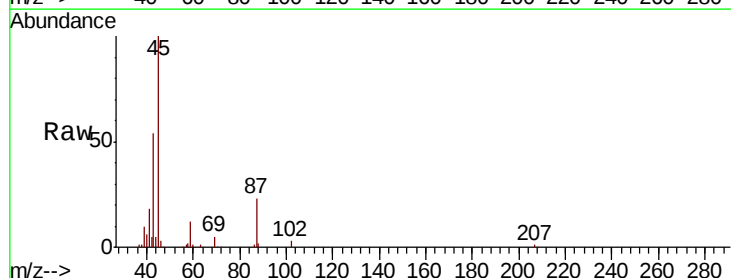
RT: 6.37 min Scan# 756

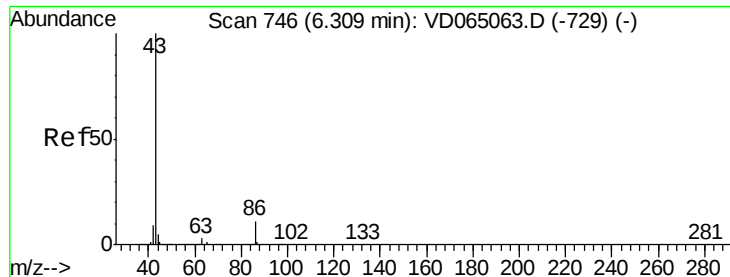
Delta R.T. -0.01 min

Lab File: VD065126.D

Acq: 10 Feb 2020 11:59

Tgt Ion:	45	Resp:	278903
Ion	Ratio	Lower	Upper
45	100		
43	53.2	41.3	61.9
87	23.4	21.0	31.6
59	11.8	8.2	12.4





#23

Vinyl Acetate

Concen: 105.403 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD065126.D

Acq: 10 Feb 2020 11:59

Instrument :

MSVOA_D

ClientSampleId :

VD0210SBS01

Tot Ion: 43 Resp: 735733

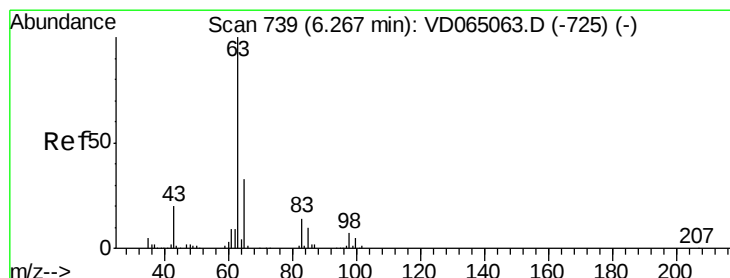
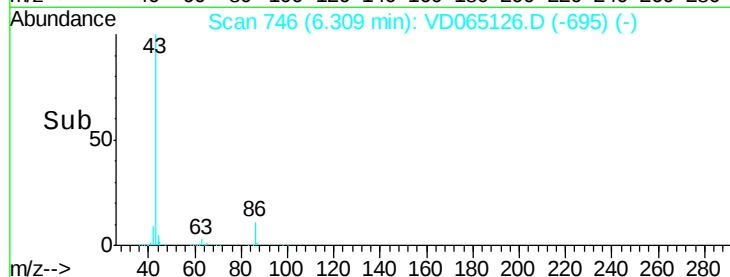
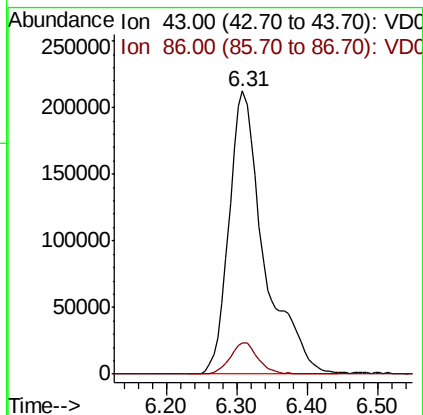
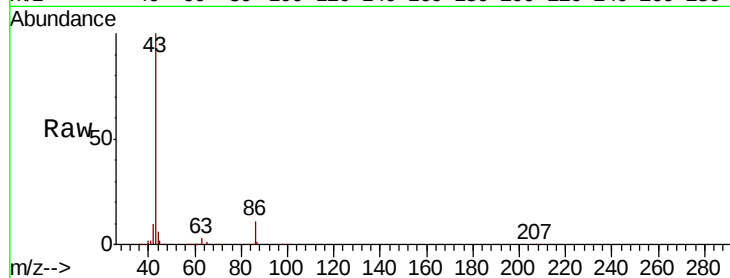
Ion Ratio Lower Upper

43 100

86 10.9 8.5 12.7

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#24

1,1-Dichloroethane

Concen: 22.865 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD065126.D

Acq: 10 Feb 2020 11:59

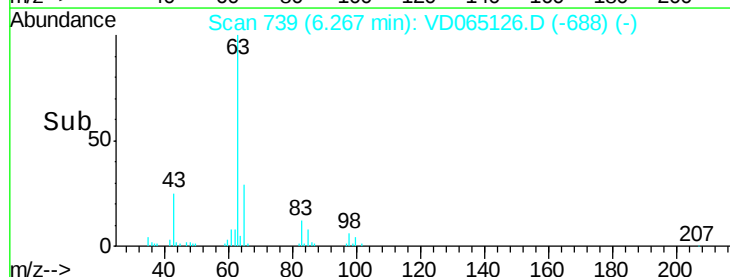
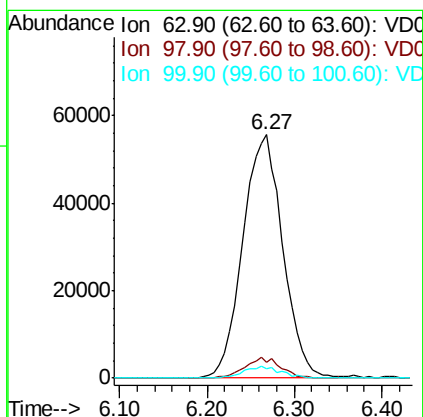
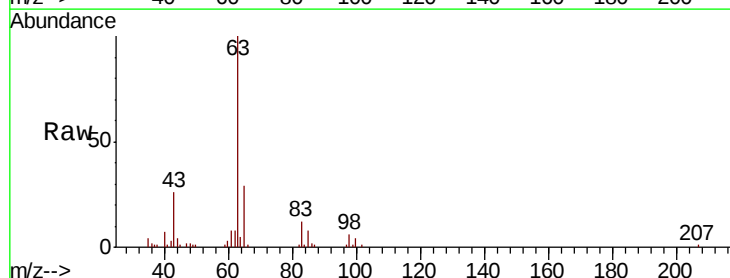
Tgt Ion: 63 Resp: 173321

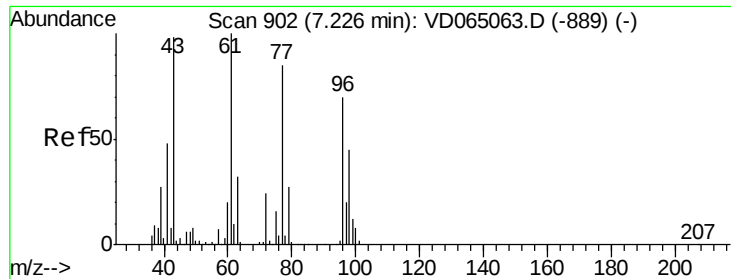
Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.4

100 4.0 2.5 7.6





#25

2-Butanone

Concen: 109.747 ug/l

RT: 7.23 min Scan# 902

Delta R.T. -0.00 min

Lab File: VD065126.D

Acq: 10 Feb 2020 11:59

Instrument :

MSVOA_D

ClientSampleId :

VD0210SBS01

Tot Ion: 43 Resp: 125891

Ion Ratio Lower Upper

43 100

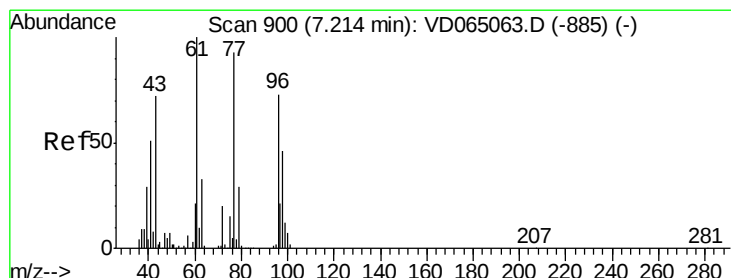
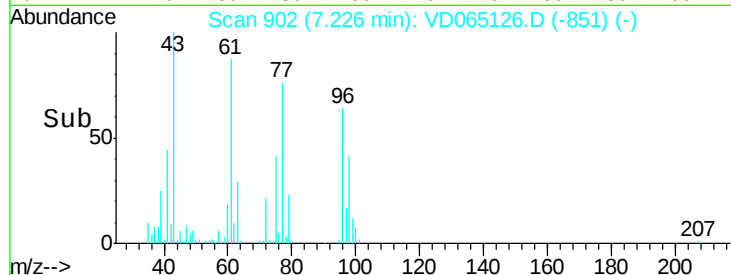
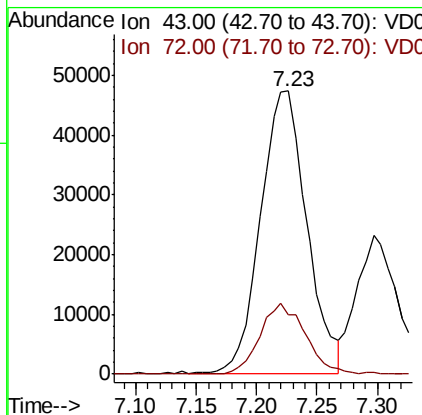
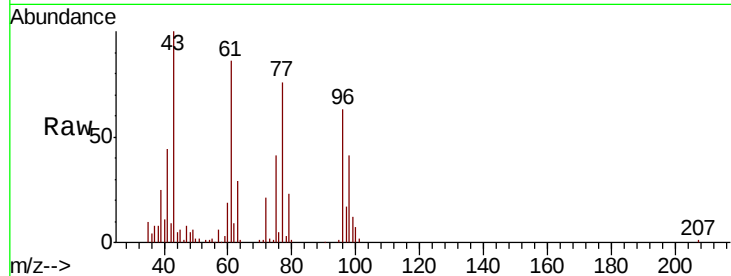
72 20.8 19.9 29.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 23.361 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD065126.D

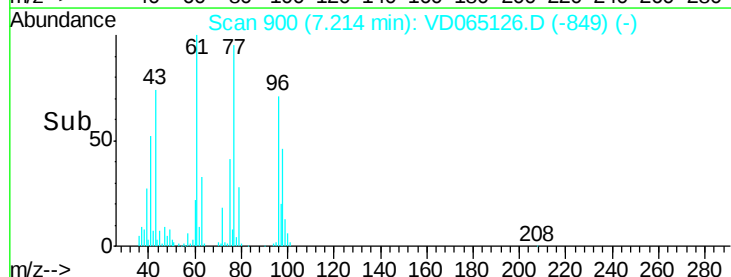
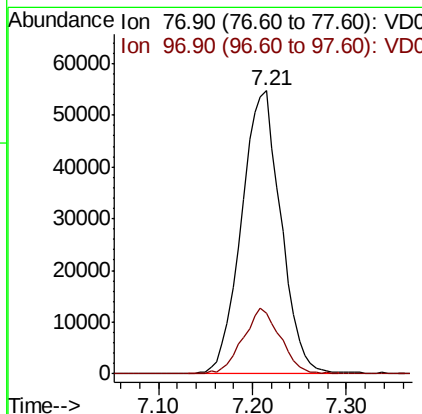
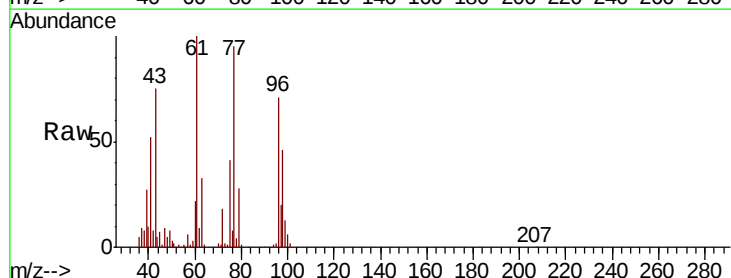
Acq: 10 Feb 2020 11:59

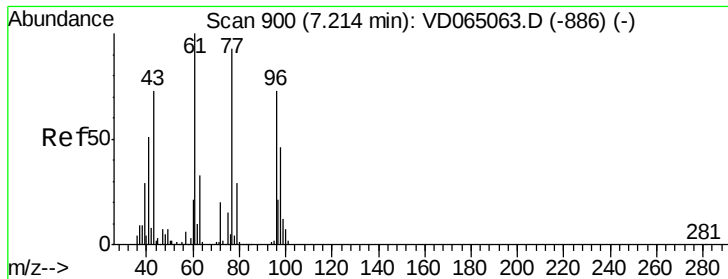
Tgt Ion: 77 Resp: 158721

Ion Ratio Lower Upper

77 100

97 21.9 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 22.009 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD065126.D

Acq: 10 Feb 2020 11:59

Instrument :

MSVOA_D

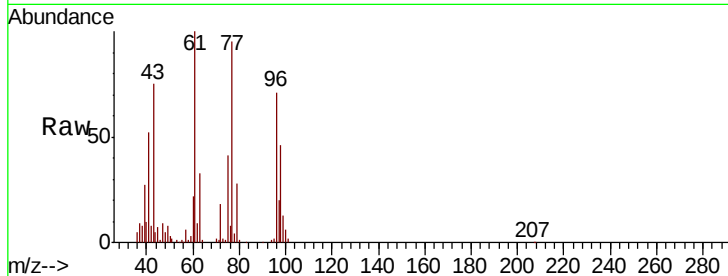
ClientSampleId :

VD0210SBS01

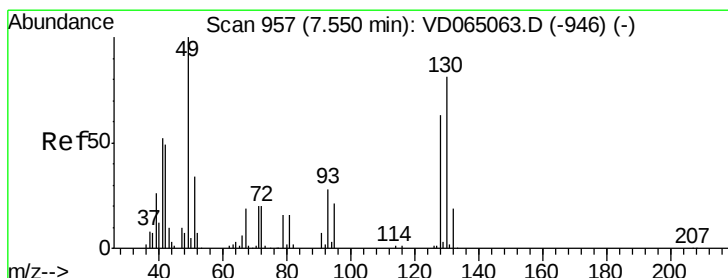
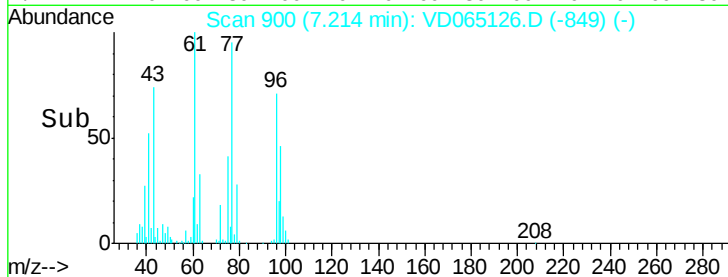
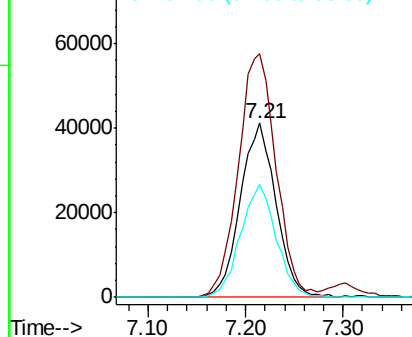
Tot Ion:	96	Resp:	105678
Ion	Ratio	Lower	Upper
96	100		
61	147.6	0.0	292.8
98	65.2	0.0	128.8

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



#28

Bromochloromethane

Concen: 20.911 ug/l

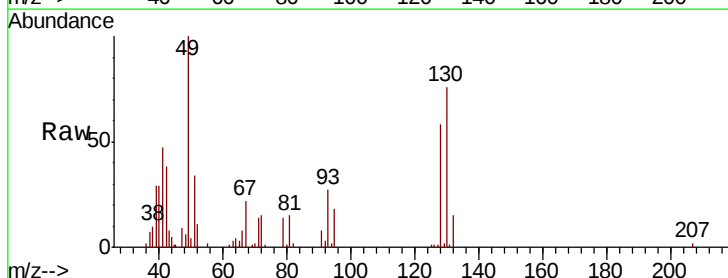
RT: 7.54 min Scan# 956

Delta R.T. -0.01 min

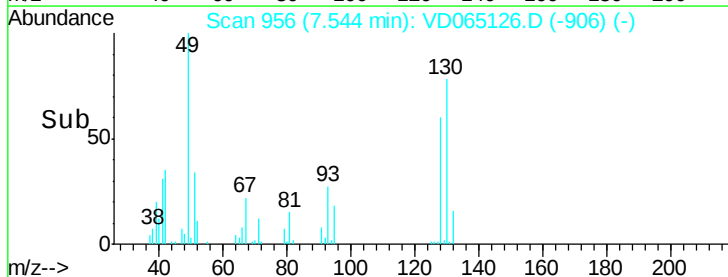
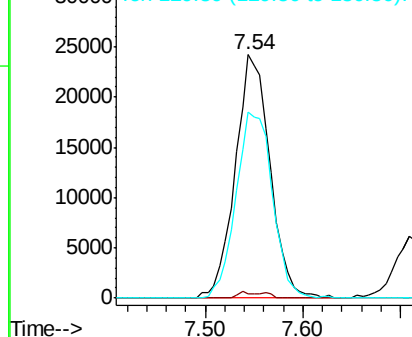
Lab File: VD065126.D

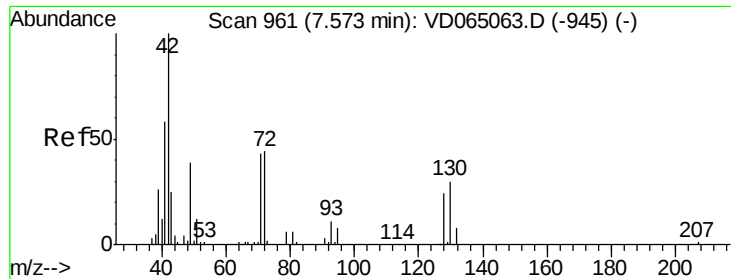
Acq: 10 Feb 2020 11:59

Tgt Ion:	49	Resp:	60085
Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	4.4
130	80.0	63.8	95.8



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





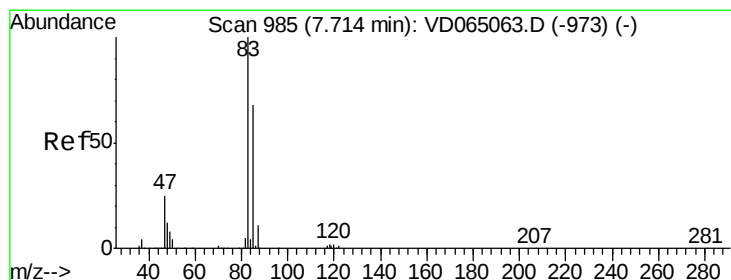
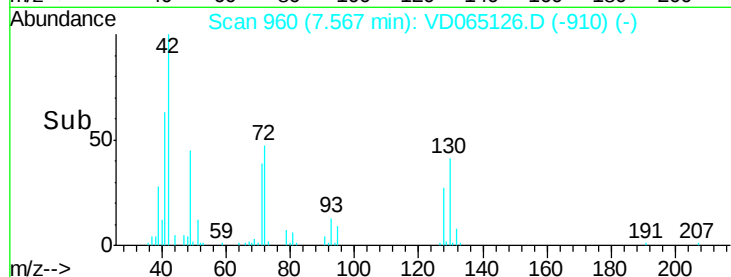
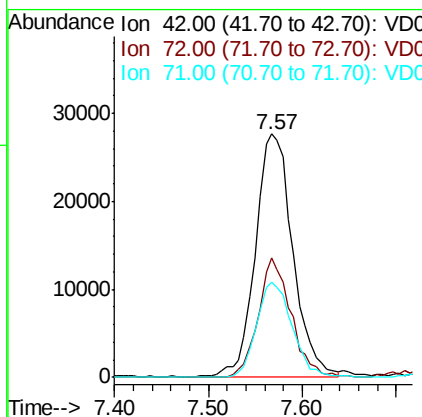
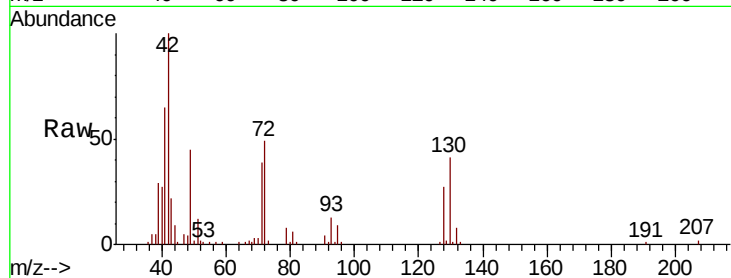
#29
Tetrahydrofuran
Concen: 109.888 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD065126.D
Acq: 10 Feb 2020 11:59

Instrument :
MSVOA_D
ClientSampleId :
VD0210SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.2	34.2	51.4
71	37.2	31.8	47.6

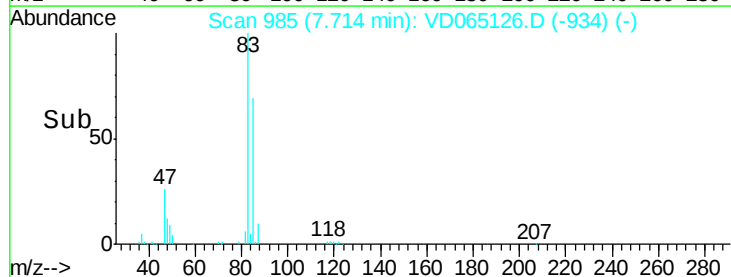
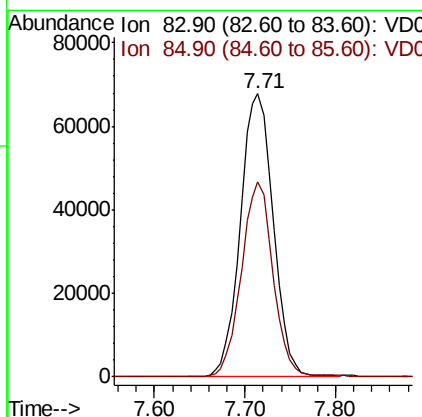
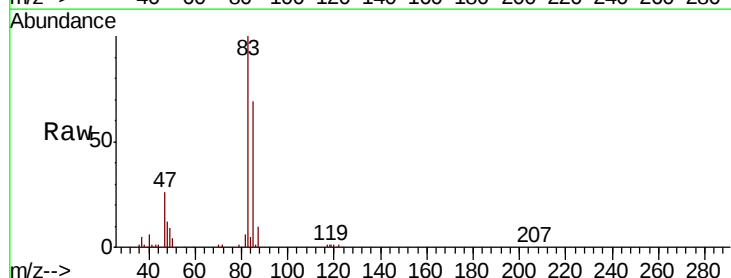
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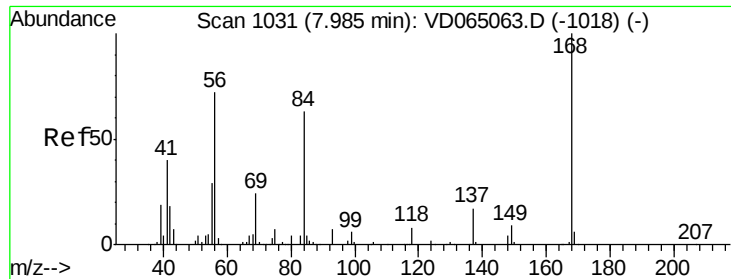
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#30
Chloroform
Concen: 22.675 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD065126.D
Acq: 10 Feb 2020 11:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.8	54.2	81.4





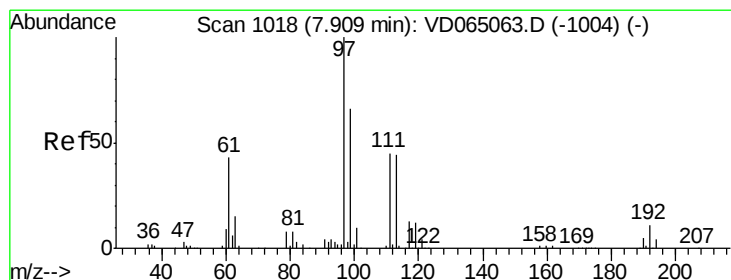
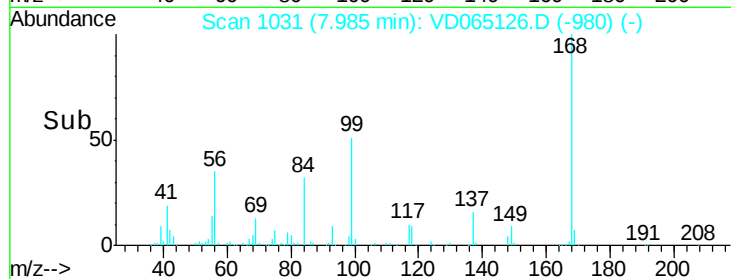
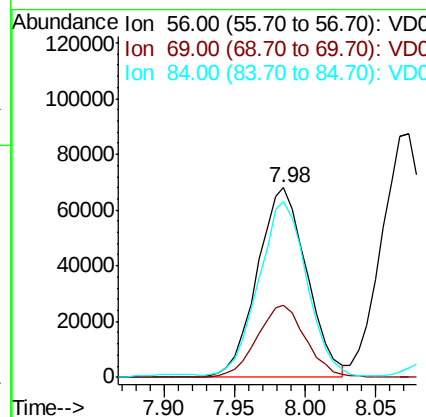
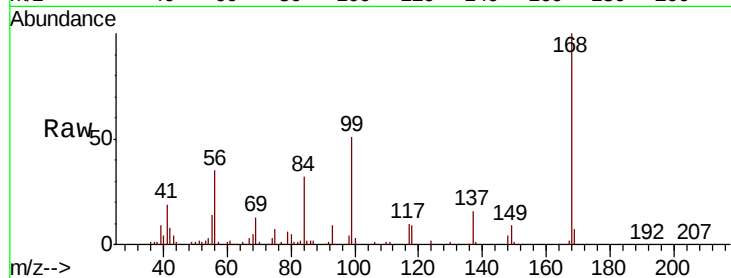
#31
Cyclohexane
Concen: 21.811 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065126.D
Acq: 10 Feb 2020 11:59

Instrument :
MSVOA_D
ClientSampleId :
VD0210SBS01

Tot Ion	56	Resp	166886
Ion Ratio	100	Lower	Upper
56	100		
69	38.4	26.6	40.0
84	91.4	70.6	106.0

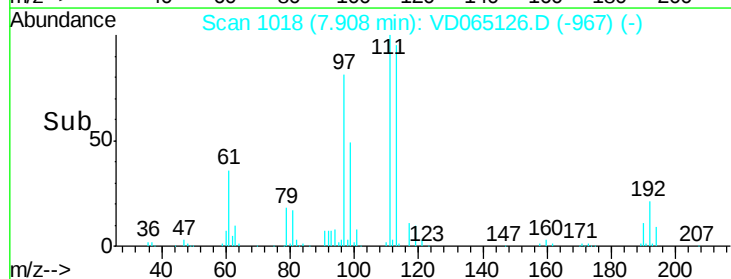
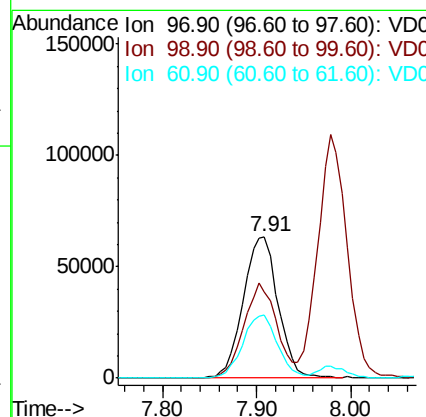
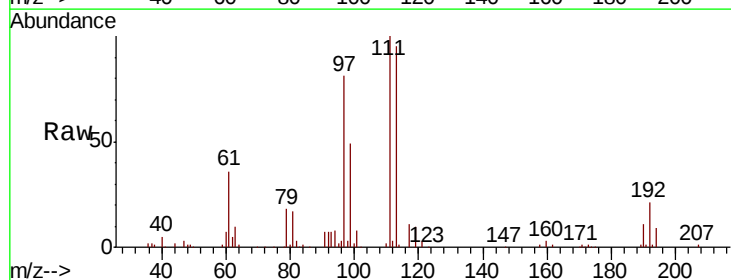
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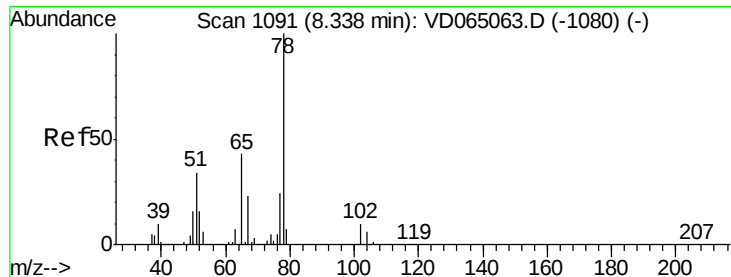
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#32
1,1,1-Trichloroethane
Concen: 23.152 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VD065126.D
Acq: 10 Feb 2020 11:59

Tgt Ion	97	Resp	162772
Ion Ratio	100	Lower	Upper
97	100		
99	64.6	51.5	77.3
61	44.3	34.8	52.2





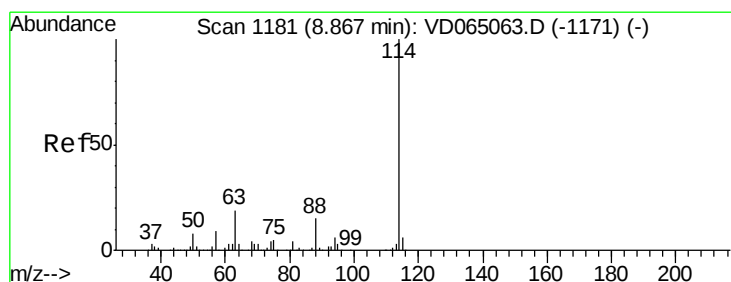
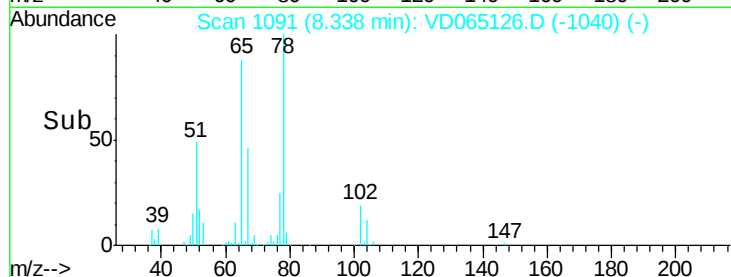
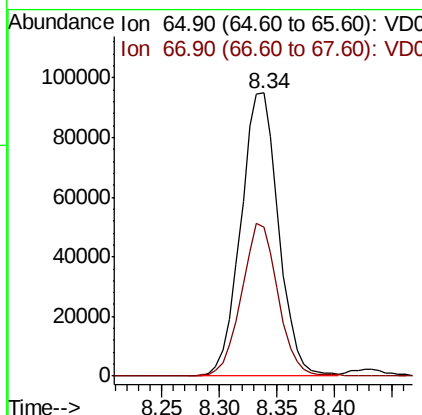
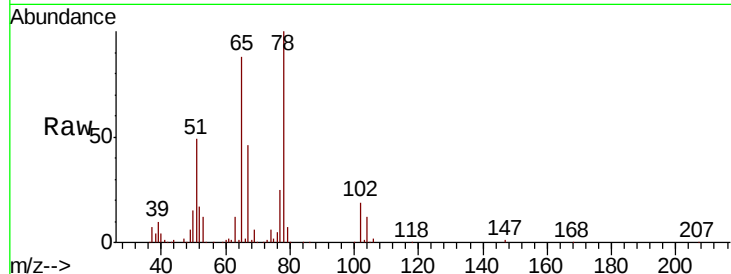
#33
 1,2-Dichloroethane-d4
 Concen: 55.970 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065126.D
 Acq: 10 Feb 2020 11:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0210SBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	105.8

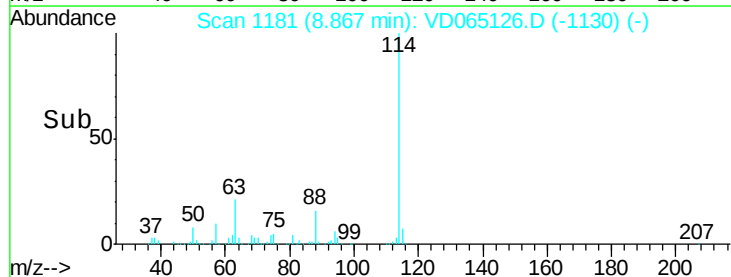
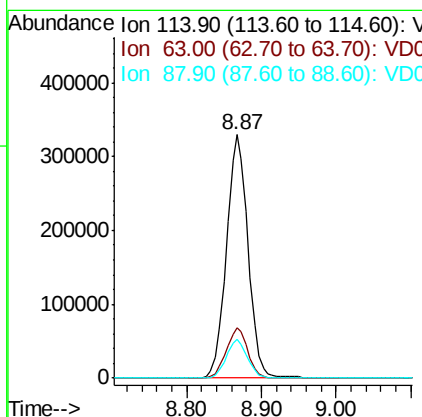
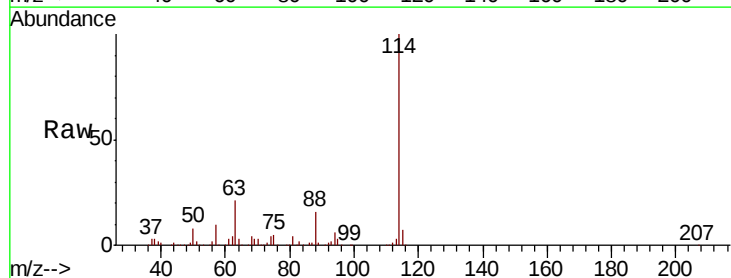
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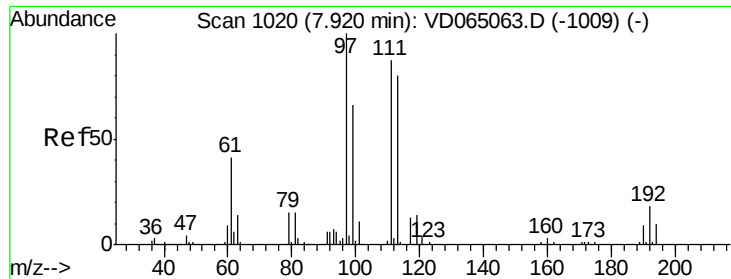
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065126.D
 Acq: 10 Feb 2020 11:59

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	38.8
88	15.9	0.0	29.6





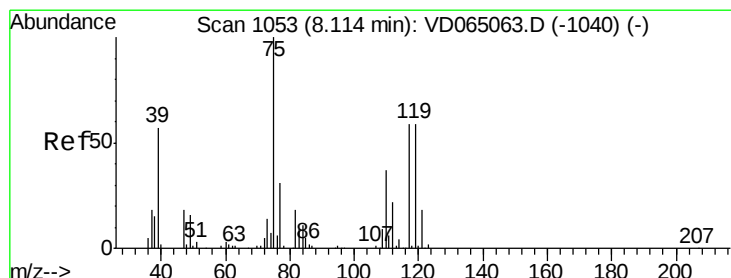
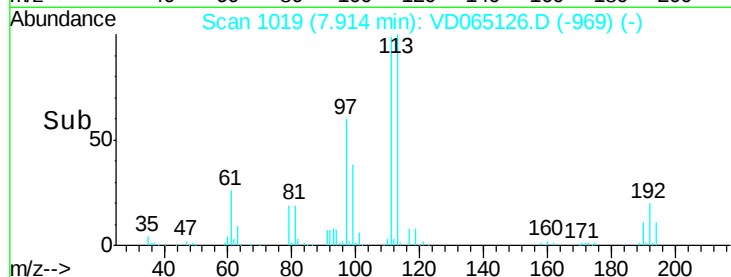
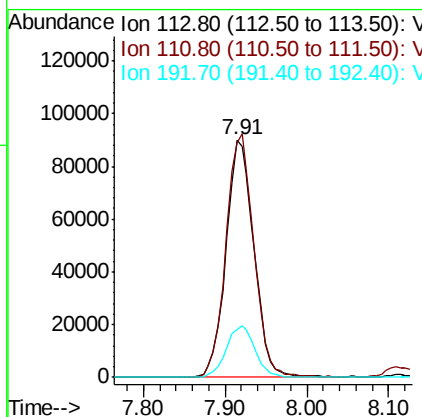
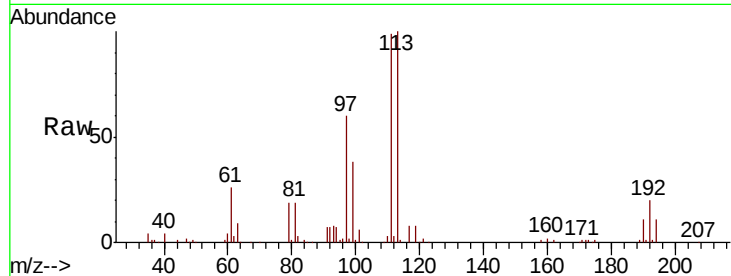
#35
 Dibromofluoromethane
 Concen: 57.726 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065126.D
 Acq: 10 Feb 2020 11:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0210SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	213292		
111	103.0	83.1	124.7	
192	22.2	18.1	27.1	

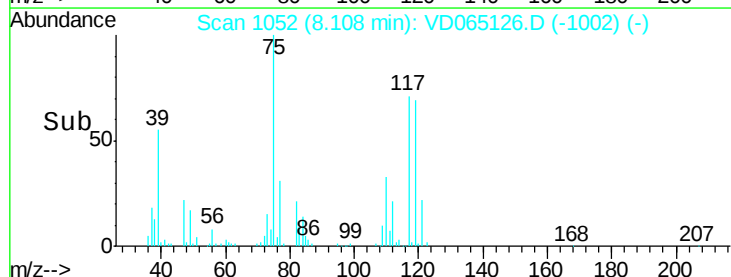
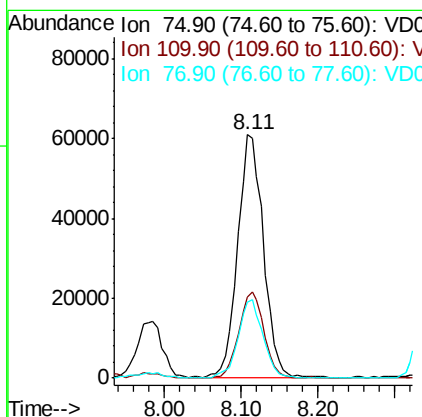
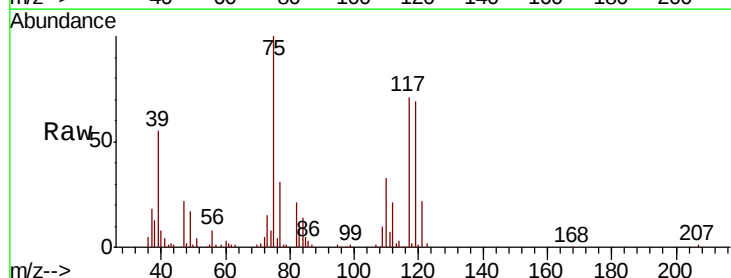
Manual Integrations
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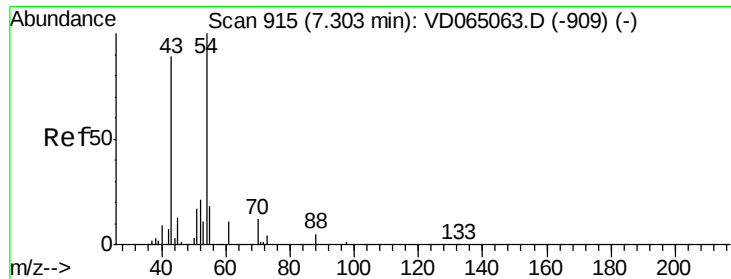
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#36
 1,1-Dichloropropene
 Concen: 23.467 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD065126.D
 Acq: 10 Feb 2020 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	144506		
110	34.2	18.1	54.3	
77	30.8	24.7	37.1	





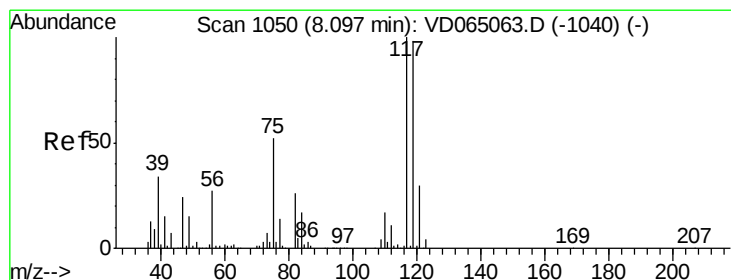
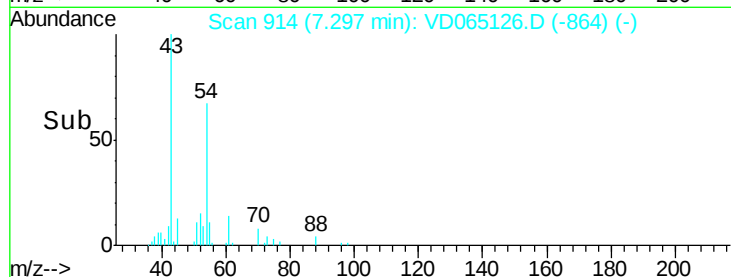
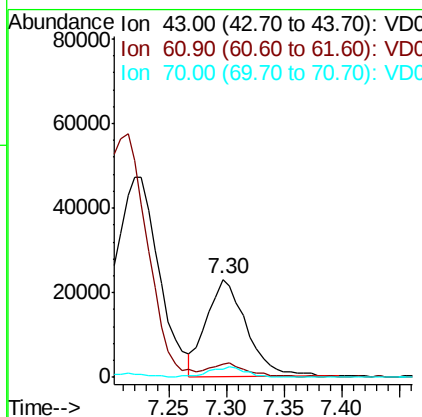
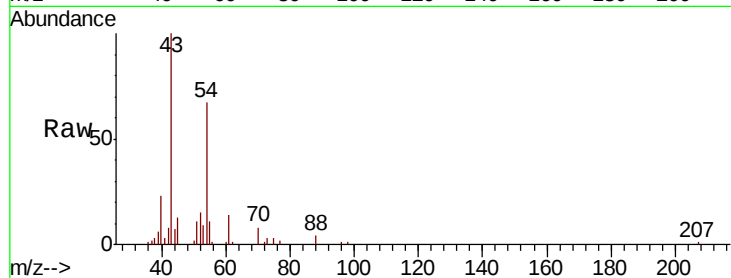
#37
Ethyl Acetate
Concen: 22.008 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.01 min
Lab File: VD065126.D
Acq: 10 Feb 2020 11:59

Instrument :
MSVOA_D
ClientSampleId :
VD0210SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	11.0	16.4
70	9.7	8.2	12.2

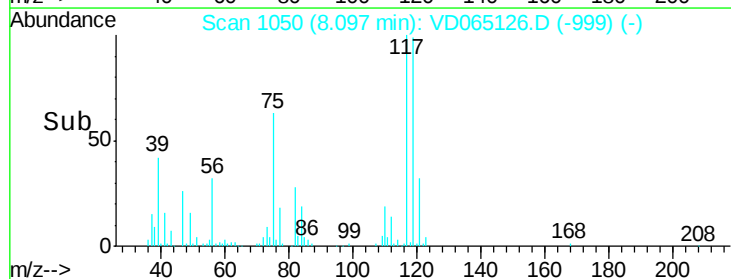
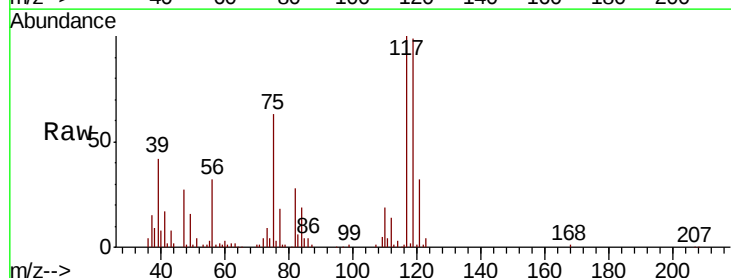
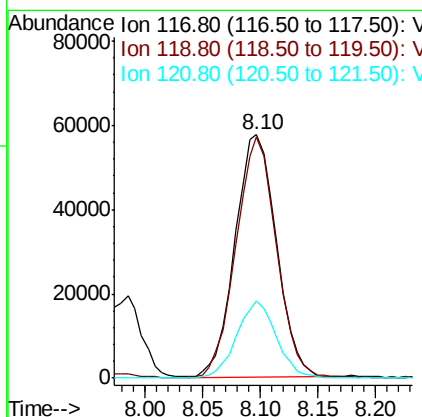
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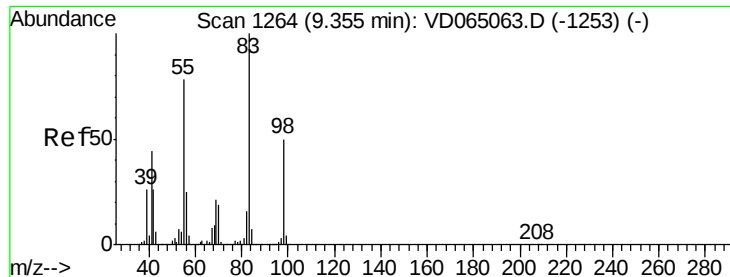
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#38
Carbon Tetrachloride
Concen: 22.865 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065126.D
Acq: 10 Feb 2020 11:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.3	78.5	117.7
121	32.0	23.8	35.6





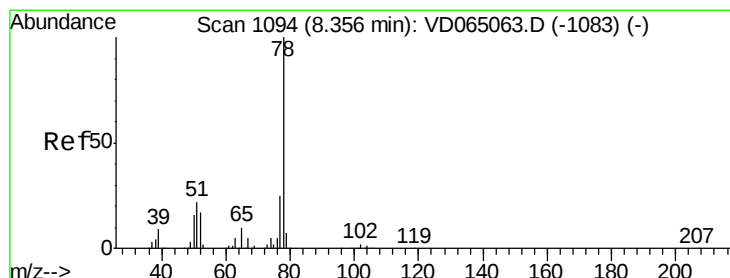
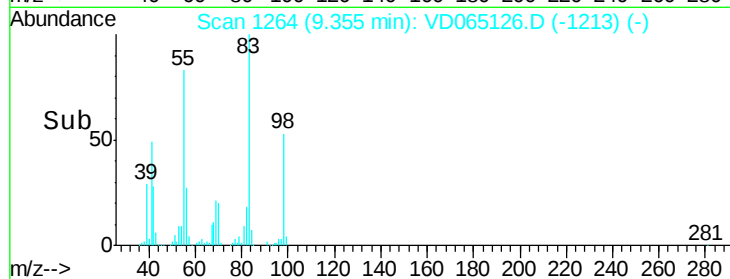
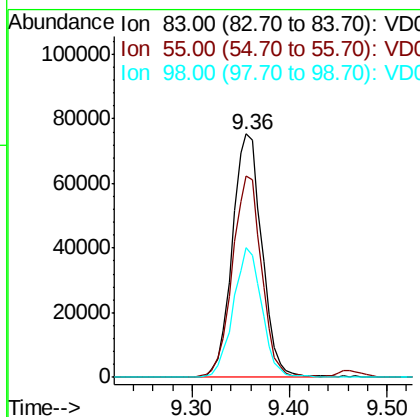
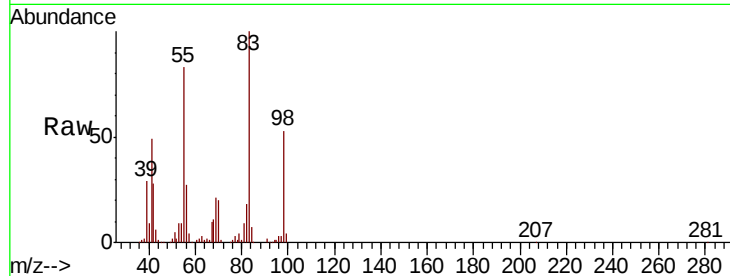
#39
Methvlcvclohexane
Concen: 20.959 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065126.D
Acq: 10 Feb 2020 11:59

Instrument :
MSVOA_D
ClientSampleId :
VD0210SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.9	62.0	93.0
98	53.0	39.9	59.9

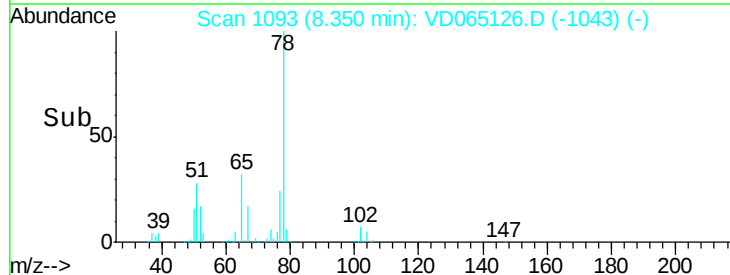
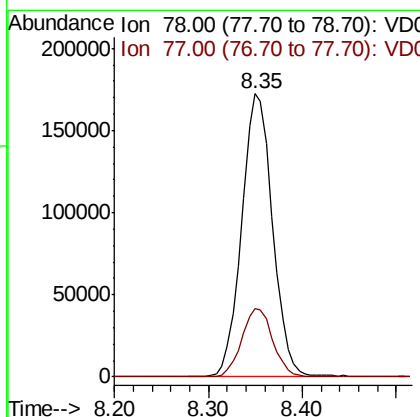
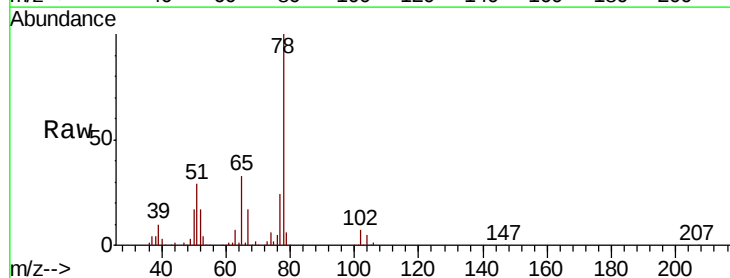
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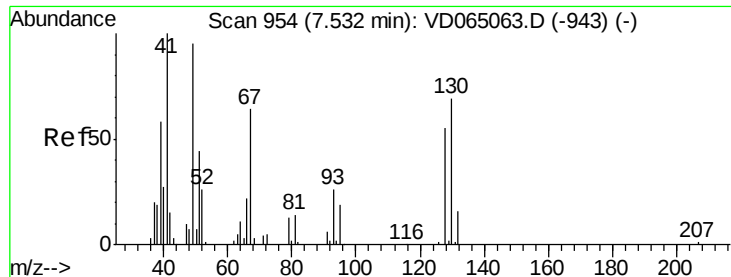
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#40
Benzene
Concen: 23.019 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD065126.D
Acq: 10 Feb 2020 11:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.6	29.4





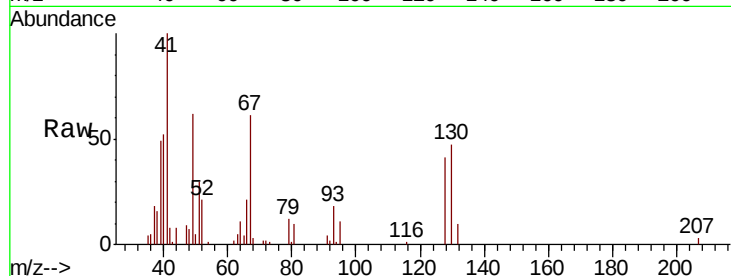
#41
Methacrylonitrile
Concen: 22.025 ug/l
RT: 7.53 min Scan# 953
Delta R.T. -0.01 min
Lab File: VD065126.D
Acq: 10 Feb 2020 11:59

Instrument :
MSVOA_D
ClientSampleId :
VD0210SBS01

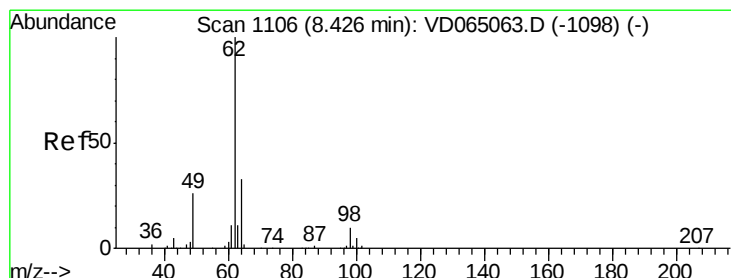
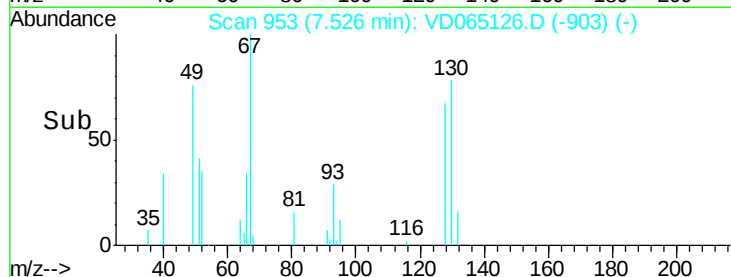
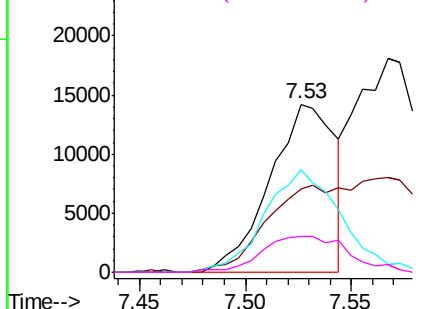
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		30526		
39	48.5	55.4	83.0#		
67	72.3	59.0	88.6		
52	28.5	25.4	38.0		

Manual Integrations
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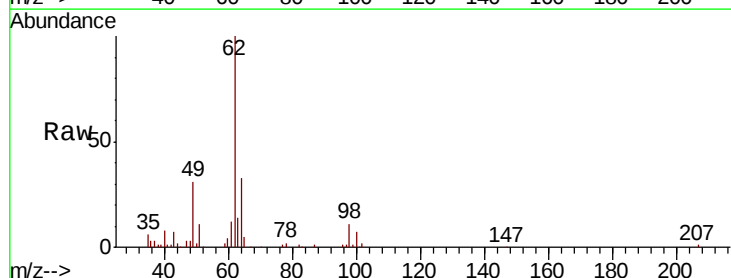


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

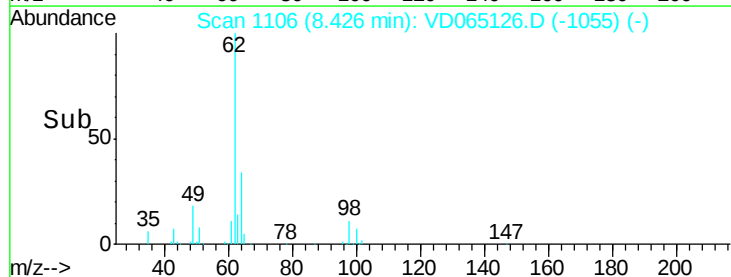
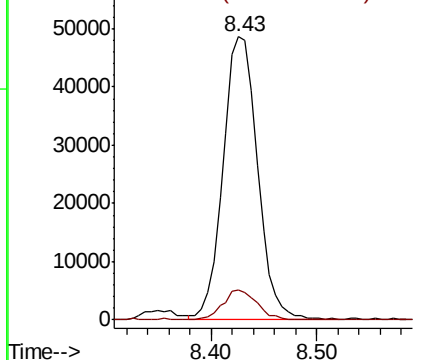


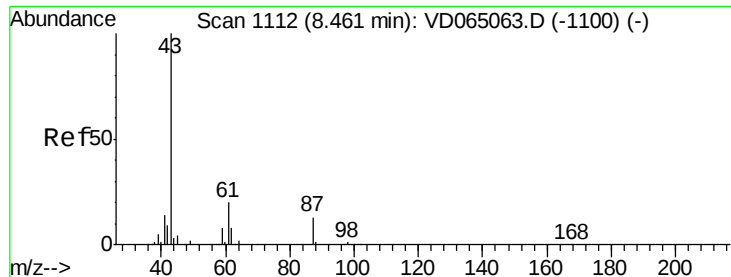
#42
1,2-Dichloroethane
Concen: 22.707 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VD065126.D
Acq: 10 Feb 2020 11:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		110022		
98	10.4	0.0	18.6		



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 21.506 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VD065126.D

Acq: 10 Feb 2020 11:59

Instrument :

MSVOA_D

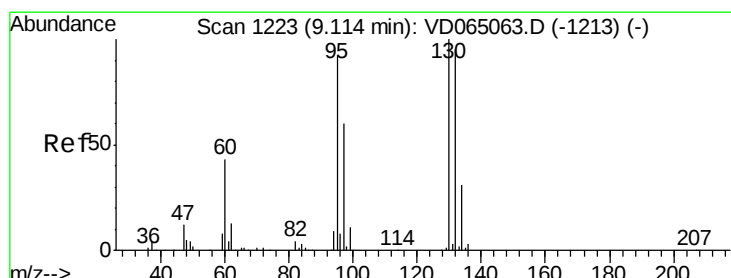
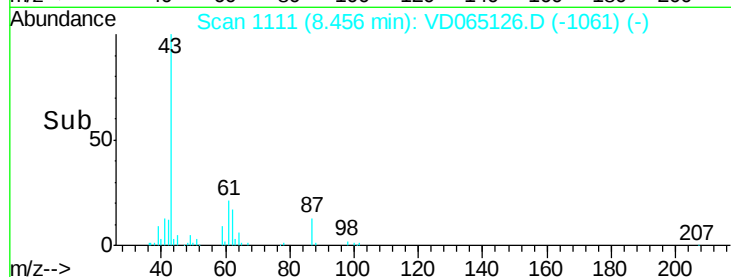
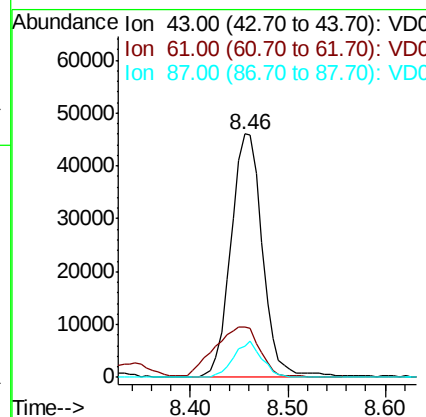
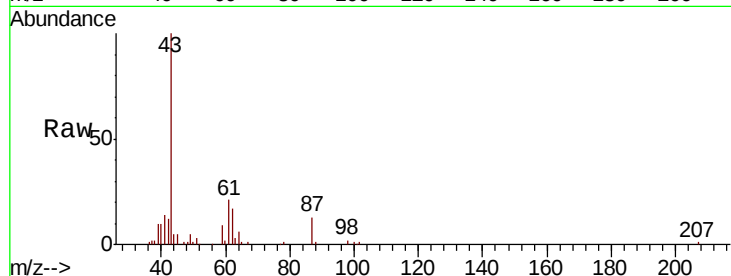
ClientSampleId :

VD0210SBS01

Tot Ion:	43	Resp:	103496
Ion	Ratio	Lower	Upper
43	100		
61	29.7	24.0	36.0
87	13.0	10.2	15.4

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#44

Trichloroethene

Concen: 22.745 ug/l

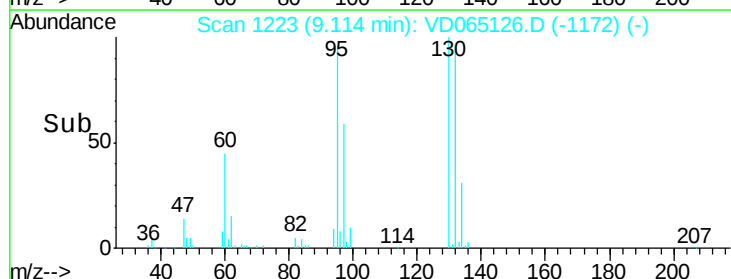
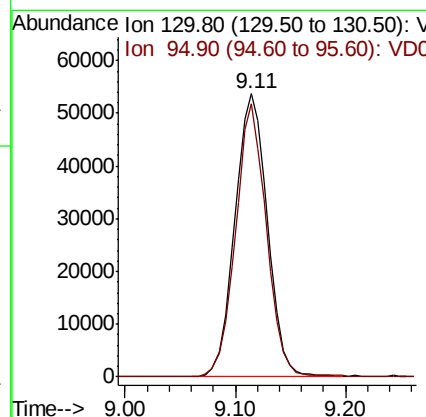
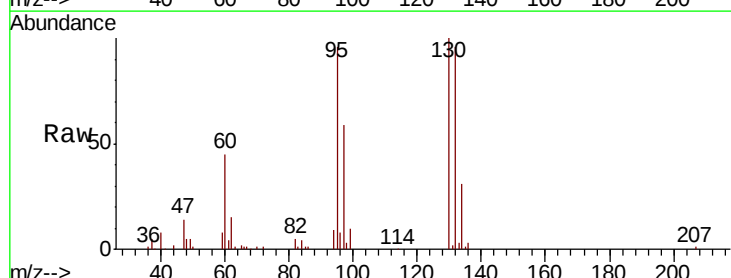
RT: 9.11 min Scan# 1223

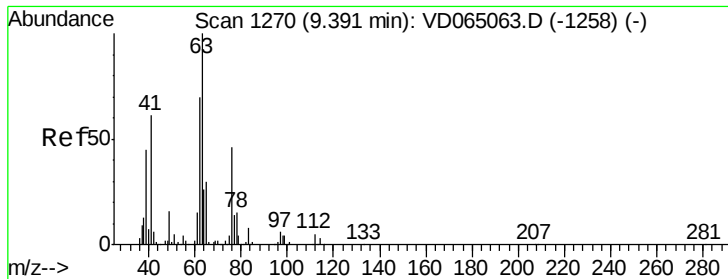
Delta R.T. -0.00 min

Lab File: VD065126.D

Acq: 10 Feb 2020 11:59

Tgt Ion:	130	Resp:	111017
Ion	Ratio	Lower	Upper
130	100		
95	96.3	0.0	185.0





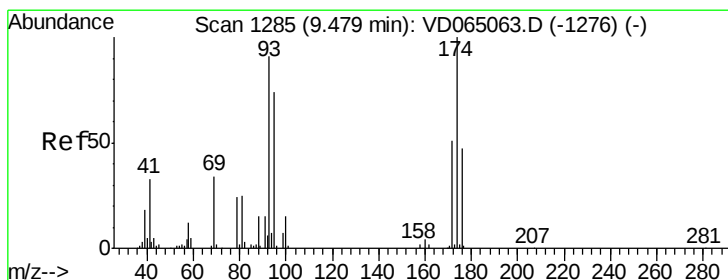
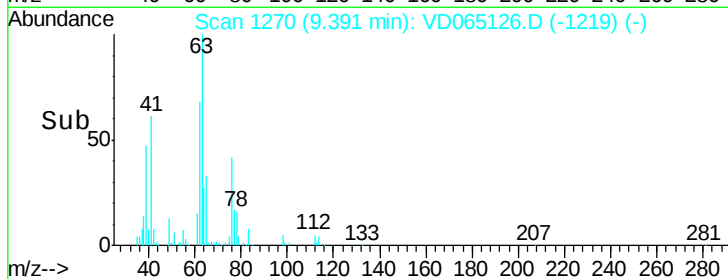
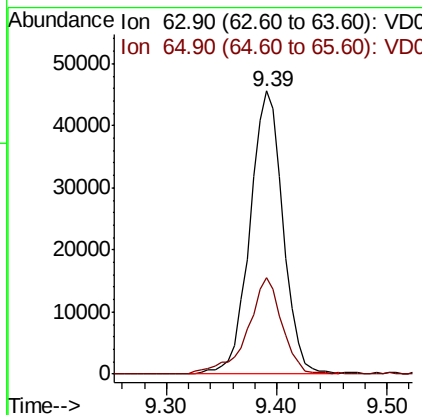
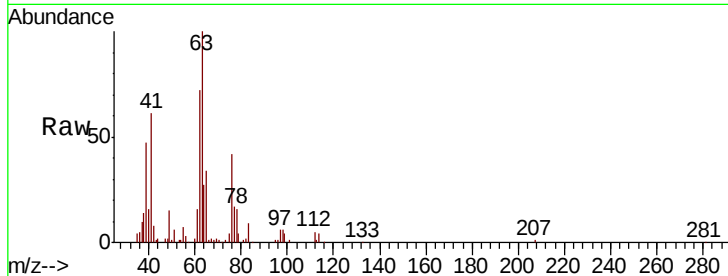
#45
 1,2-Dichloropropane
 Concen: 23.494 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD065126.D
 Acq: 10 Feb 2020 11:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0210SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	33.9	23.9	35.9

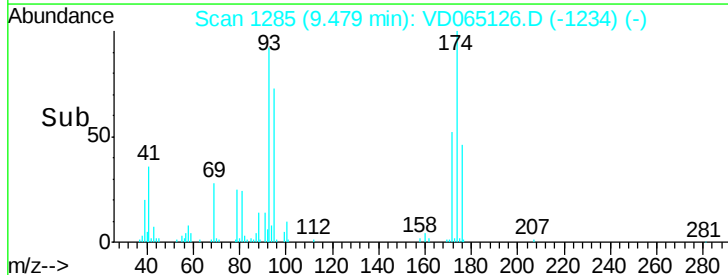
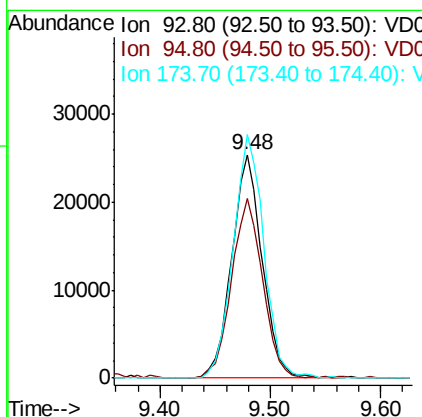
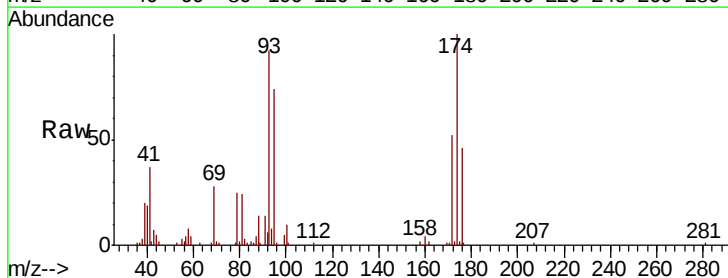
Manual Integrations
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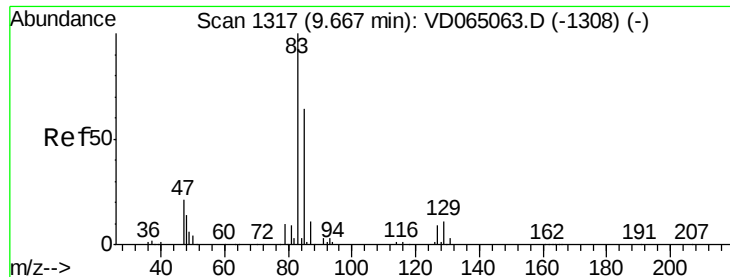
MMDadoda
 2/11/2020 6:09:29 PM



#46
 Dibromomethane
 Concen: 22.968 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD065126.D
 Acq: 10 Feb 2020 11:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.8	66.5	99.7
174	109.4	89.8	134.8





#47

Bromodichloromethane

Concen: 23.400 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD065126.D

Acq: 10 Feb 2020 11:59

Instrument :

MSVOA_D

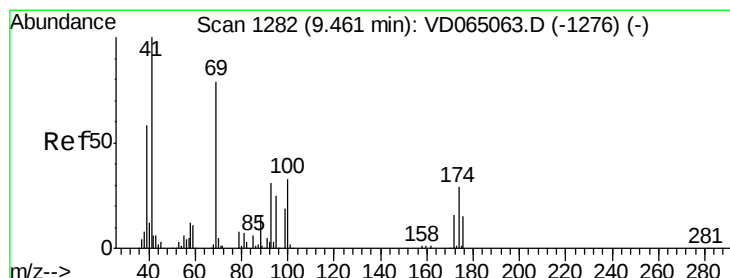
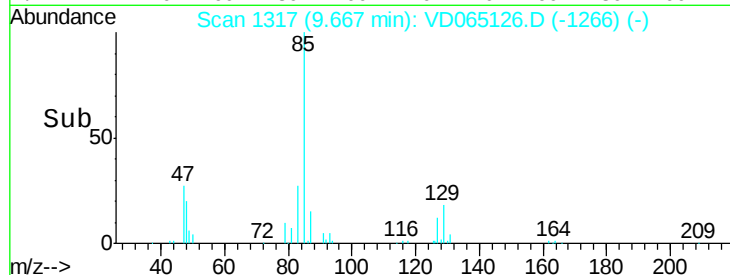
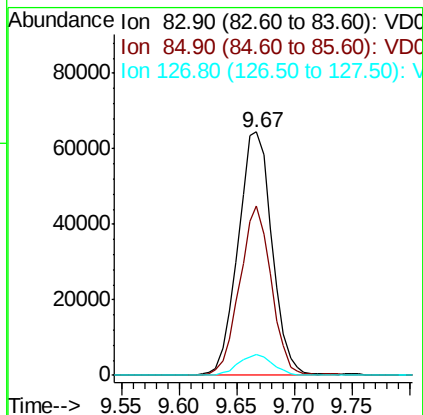
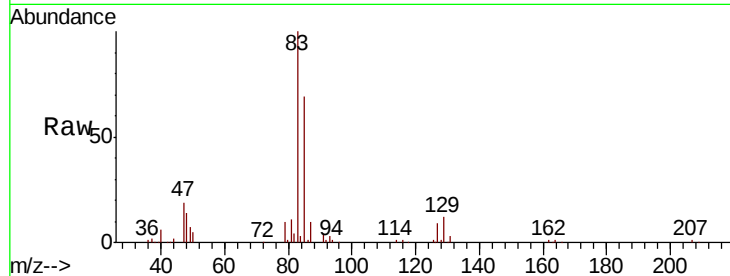
ClientSampleId :

VD0210SBS01

Tot Ion:	83	Resp:	132094
Ion	Ratio	Lower	Upper
83	100		
85	69.4	51.0	76.6
127	8.6	7.3	10.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.908 ug/l

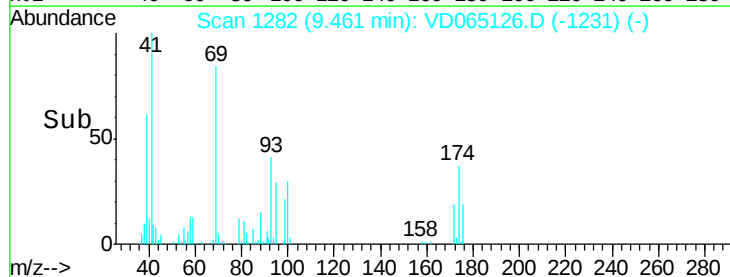
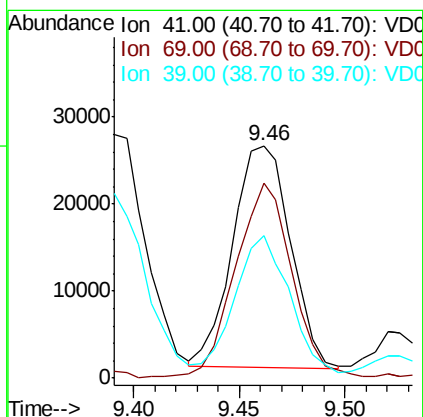
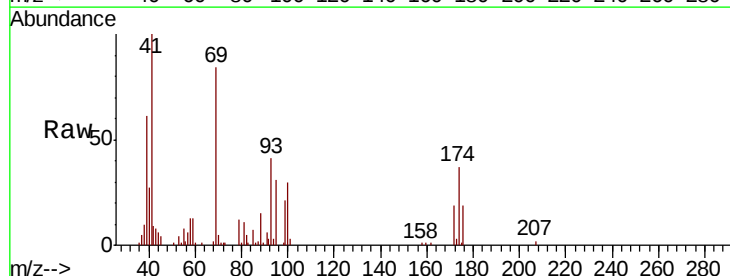
RT: 9.46 min Scan# 1282

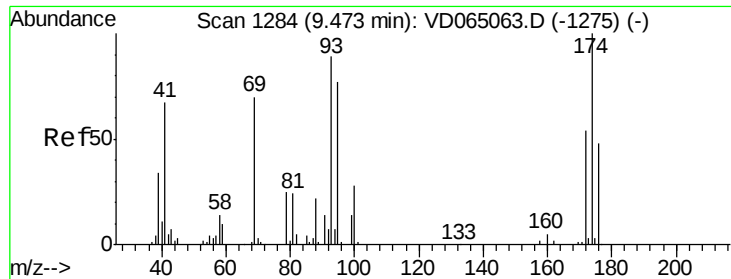
Delta R.T. -0.00 min

Lab File: VD065126.D

Acq: 10 Feb 2020 11:59

Tgt Ion:	41	Resp:	48416
Ion	Ratio	Lower	Upper
41	100		
69	86.7	67.5	101.3
39	58.1	47.0	70.4





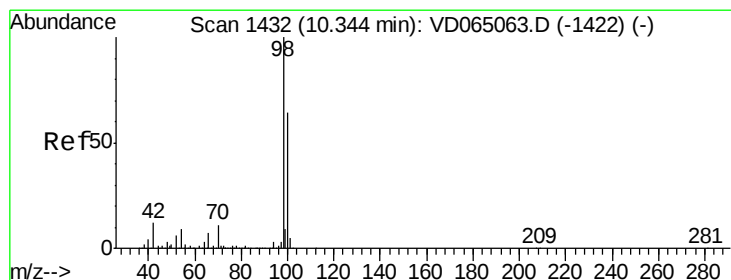
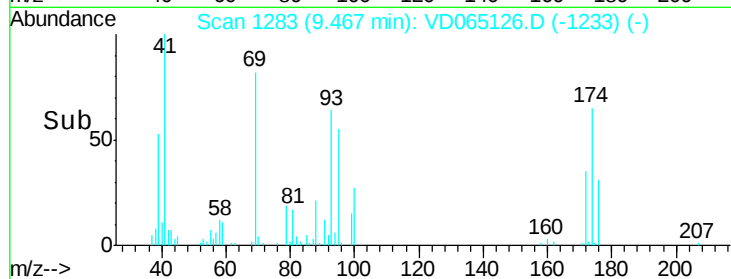
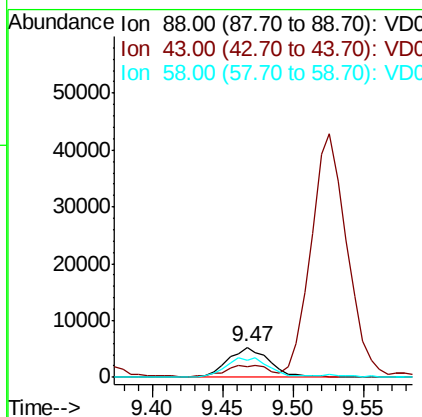
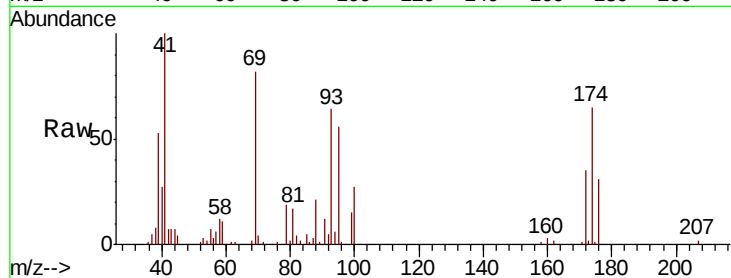
#49
1,4-Dioxane
Concen: 425.217 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.01 min
Lab File: VD065126.D
Acq: 10 Feb 2020 11:59

Instrument :
MSVOA_D
ClientSampleId :
VD0210SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	44.5	27.7	41.5#
58	70.4	55.5	83.3

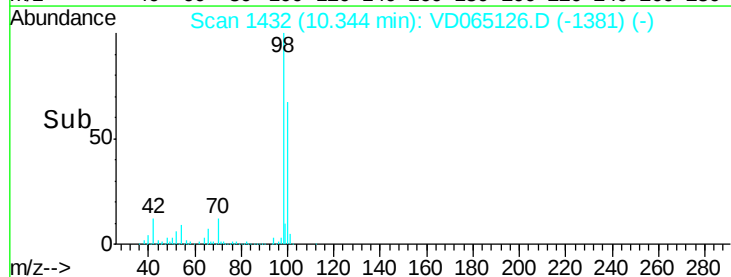
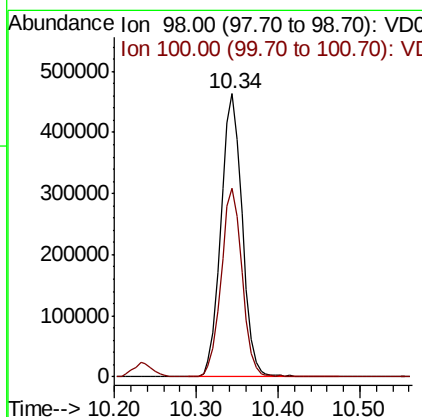
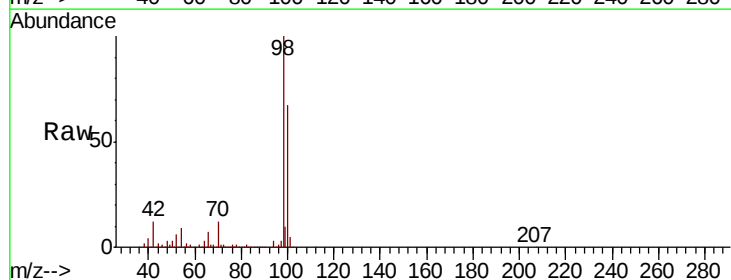
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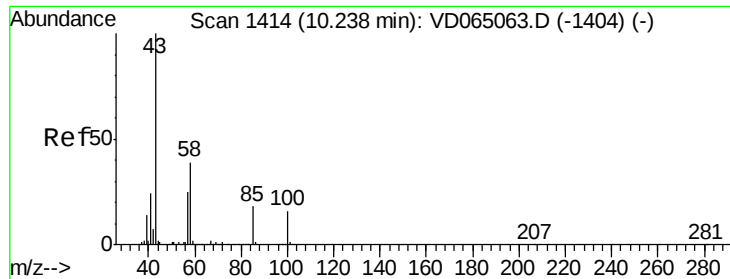
MMDadoda
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#50
Toluene-d8
Concen: 57.132 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065126.D
Acq: 10 Feb 2020 11:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.1	78.1





#51

4-Methyl-2-Pentanone

Concen: 108.030 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.01 min

Lab File: VD065126.D

Acq: 10 Feb 2020 11:59

Instrument :

MSVOA_D

ClientSampleId :

VD0210SBS01

Tot Ion: 43 Resp: 255894

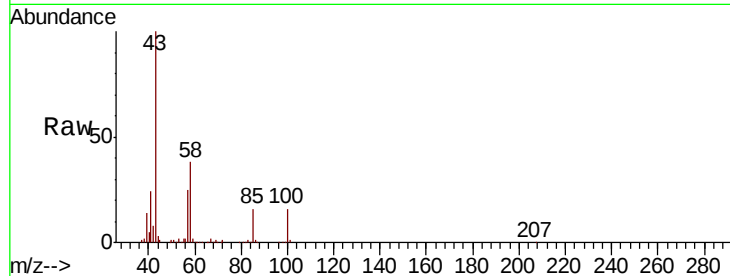
Ion Ratio Lower Upper

43 100

58 38.1 30.2 45.2

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.23

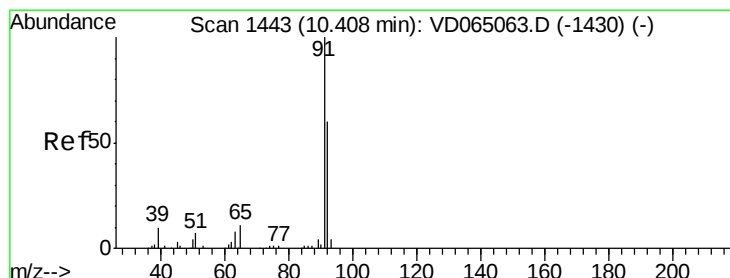
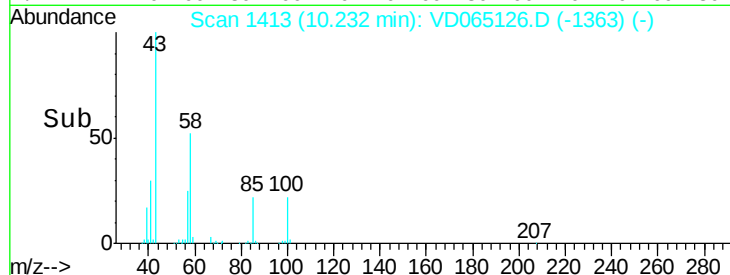
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 22.966 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD065126.D

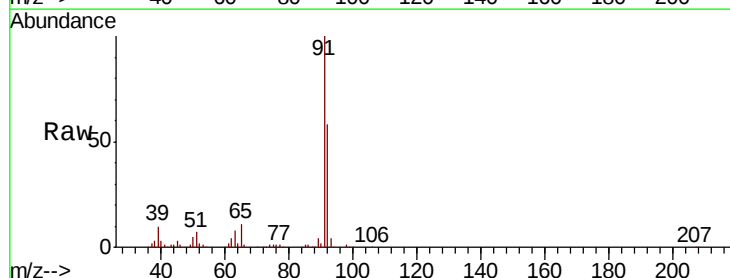
Acq: 10 Feb 2020 11:59

Tgt Ion: 92 Resp: 249259

Ion Ratio Lower Upper

92 100

91 173.1 135.3 202.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.41

250000

200000

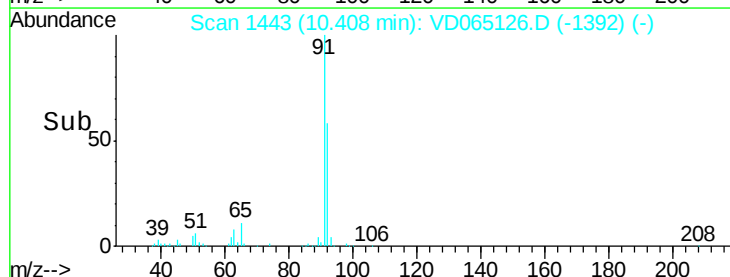
150000

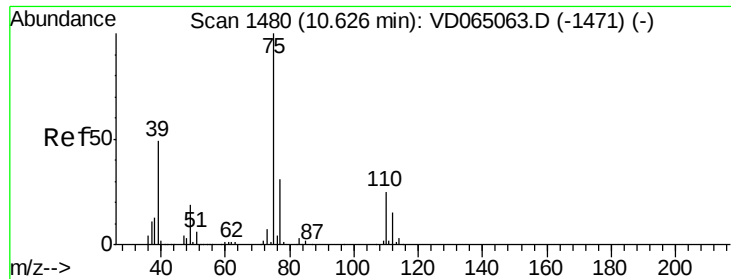
100000

50000

0

Time-->





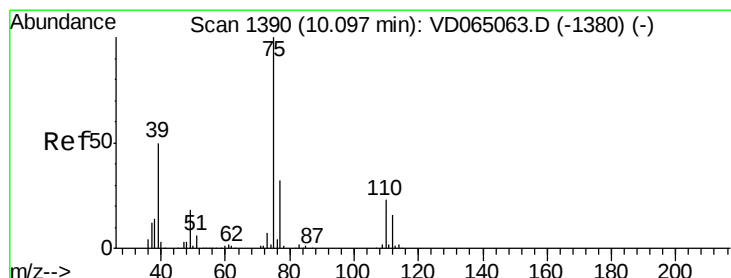
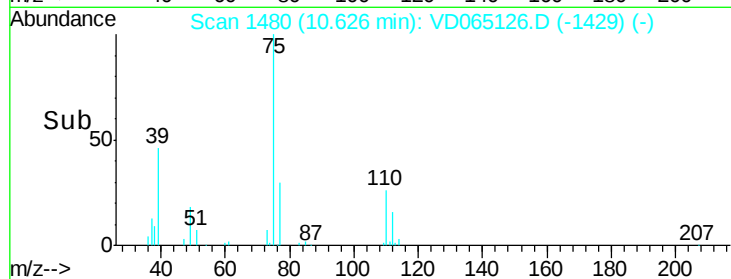
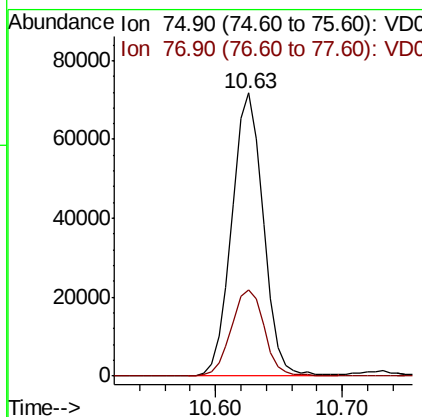
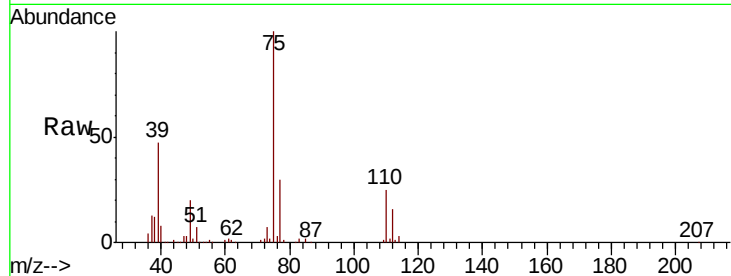
#53
 t-1,3-Dichloropropene
 Concen: 22.499 ug/l
 RT: 10.63 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: VD065126.D
 Acq: 10 Feb 2020 11:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0210SBS01

Tot Ion: 75 Resp: 123659
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.9 37.3

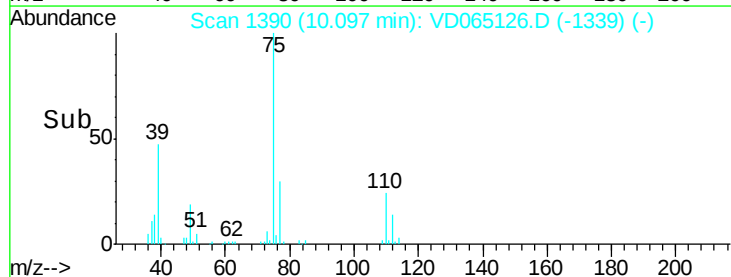
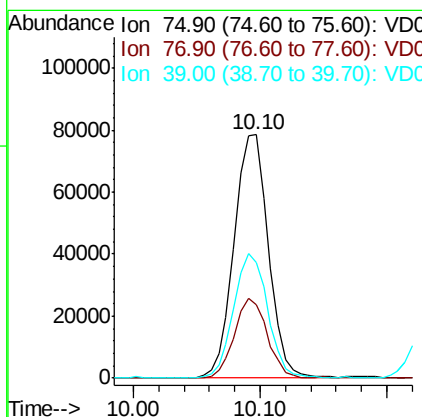
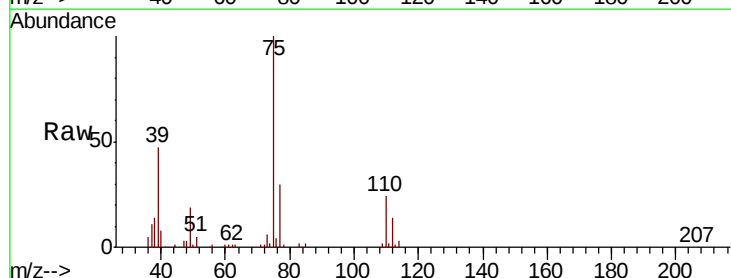
Manual Integrations
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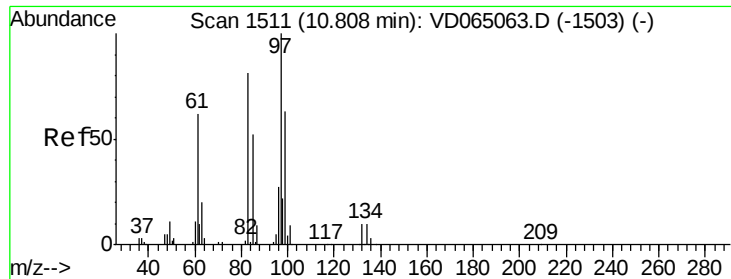
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#54
 cis-1,3-Dichloropropene
 Concen: 22.455 ug/l
 RT: 10.10 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: VD065126.D
 Acq: 10 Feb 2020 11:59

Tgt Ion: 75 Resp: 147607
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.3 37.9
 39 47.4 40.3 60.5





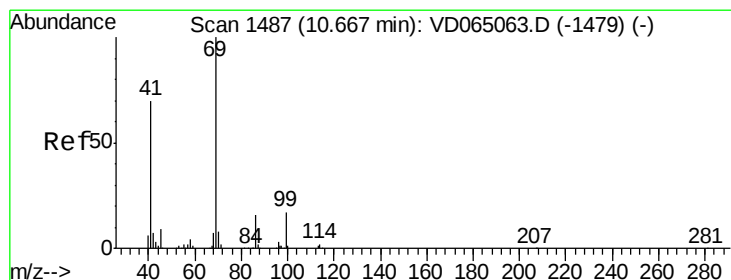
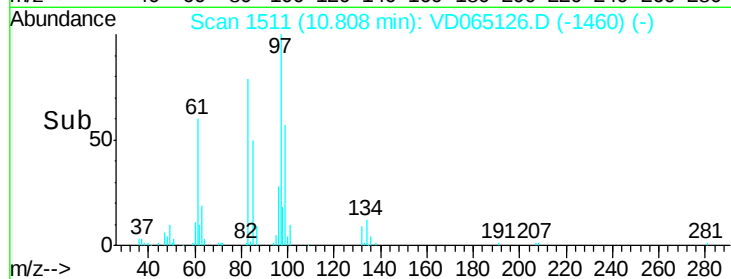
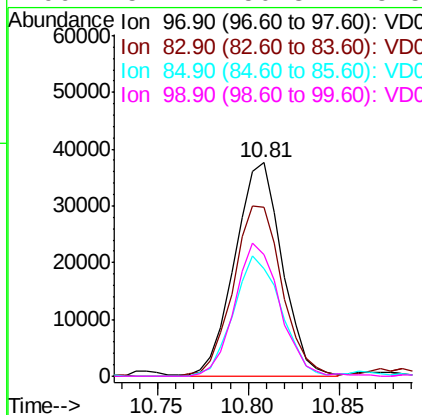
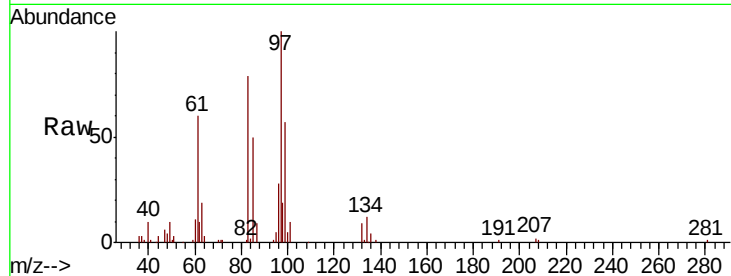
#55
 1,1,2-Trichloroethane
 Concen: 23.285 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. -0.00 min
 Lab File: VD065126.D
 Acq: 10 Feb 2020 11:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0210SBS01

Tot Ion:	97	Resp:	68426
Ion	Ratio	Lower	Upper
97	100		
83	79.0	64.8	97.2
85	50.7	41.2	61.8
99	57.4	50.3	75.5

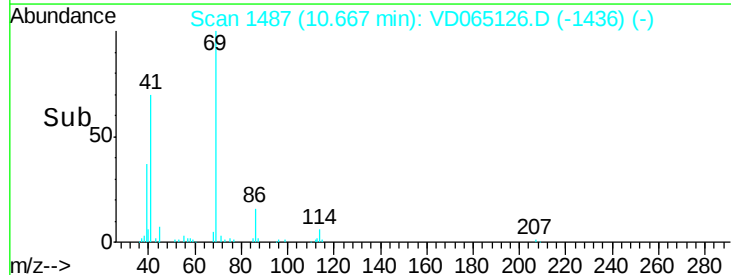
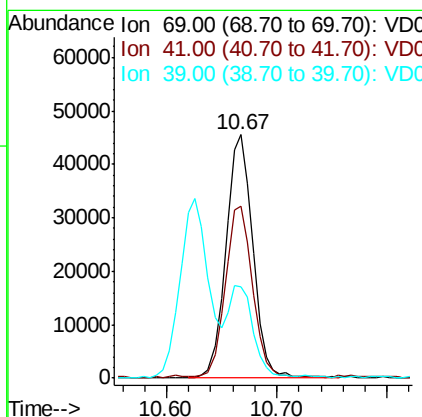
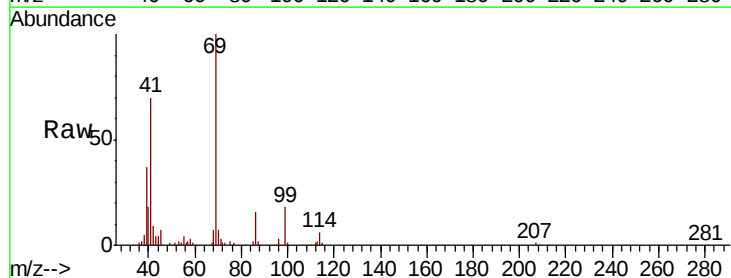
Manual Integrations
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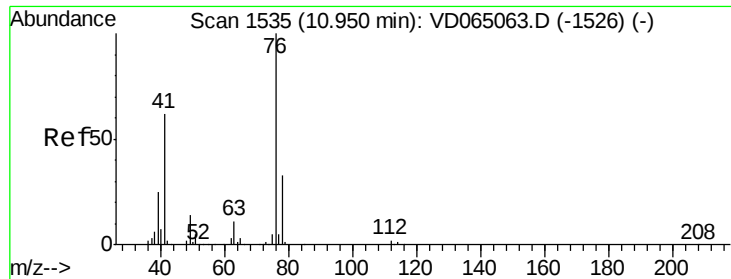
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#56
 Ethyl methacrylate
 Concen: 20.906 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD065126.D
 Acq: 10 Feb 2020 11:59

Tgt Ion:	69	Resp:	77733
Ion	Ratio	Lower	Upper
69	100		
41	69.8	55.9	83.9
39	34.6	29.4	44.0





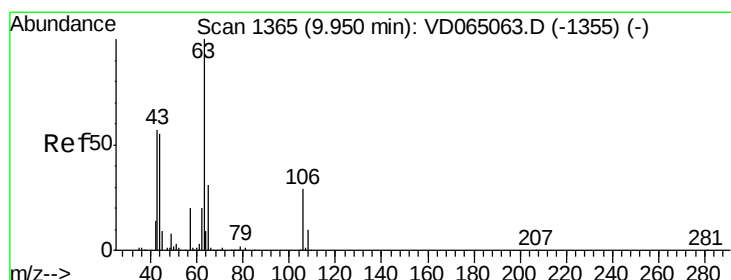
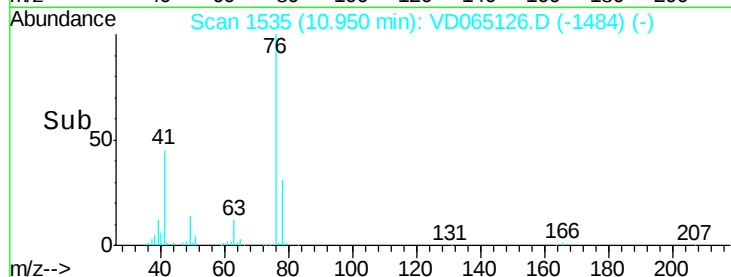
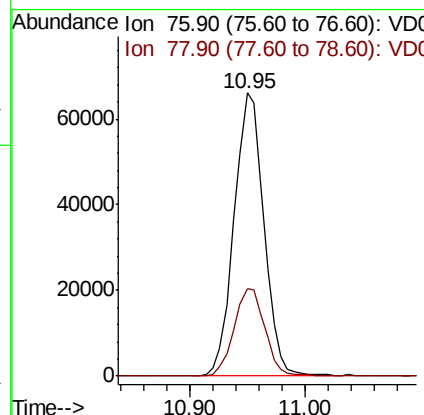
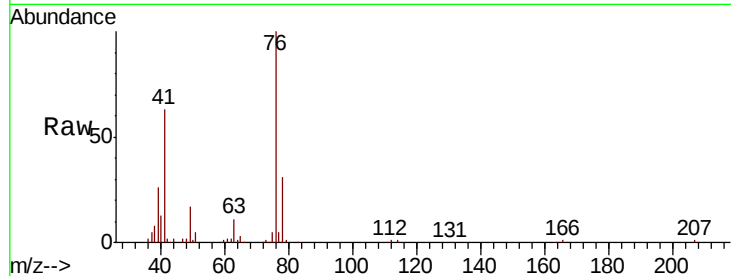
#57
 1,3-Dichloropropane
 Concen: 22.883 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD065126.D
 Acq: 10 Feb 2020 11:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0210SBS01

Tot Ion: 76 Resp: 118244
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.6

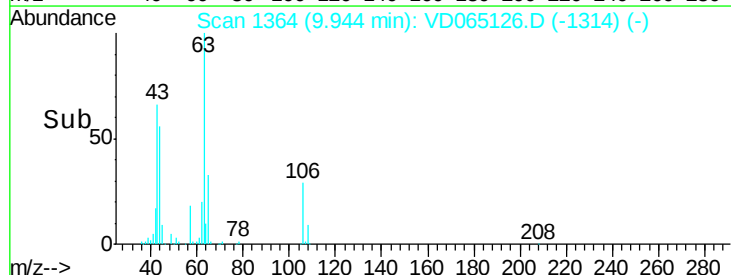
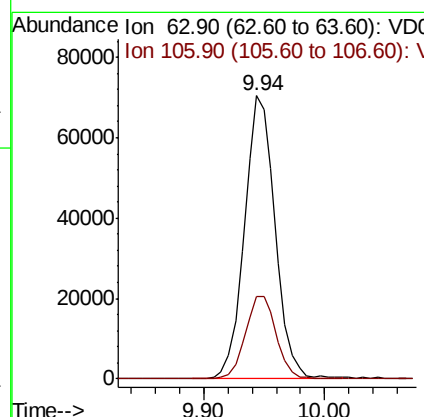
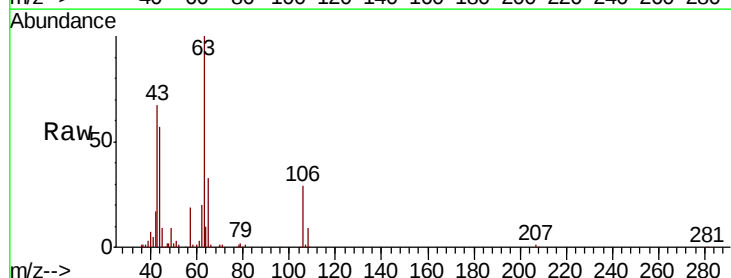
Manual Integrations
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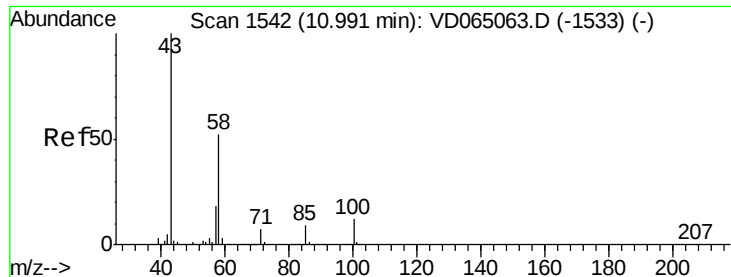
MMDadoda
 2/11/2020 6:09:29 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 91.521 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VD065126.D
 Acq: 10 Feb 2020 11:59

Tgt Ion: 63 Resp: 124422
 Ion Ratio Lower Upper
 63 100
 106 29.5 23.3 34.9





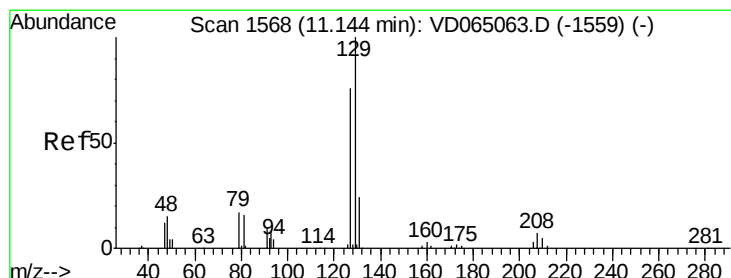
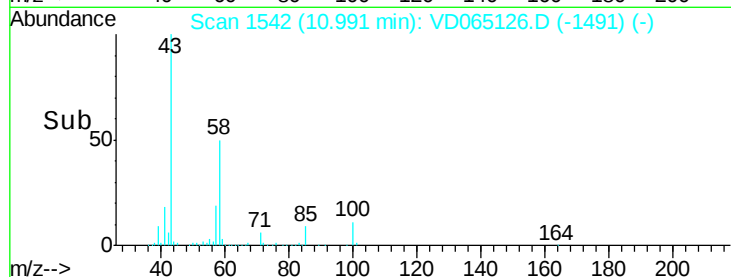
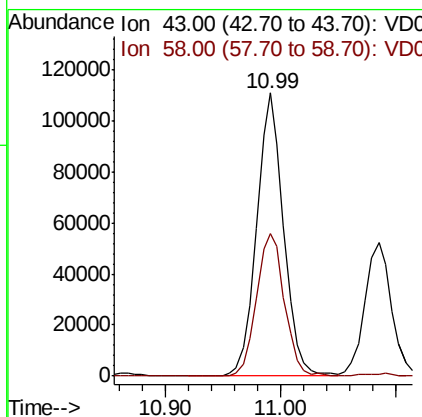
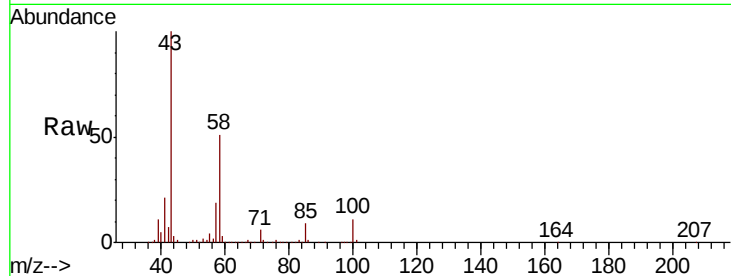
#59
2-Hexanone
Concen: 107.408 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD065126.D
Acq: 10 Feb 2020 11:59

Instrument :
MSVOA_D
ClientSampleId :
VD0210SBS01

Tot Ion: 43 Resp: 180212
Ion Ratio Lower Upper
43 100
58 52.3 26.2 78.6

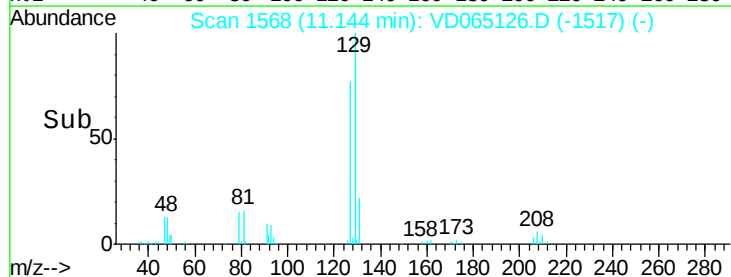
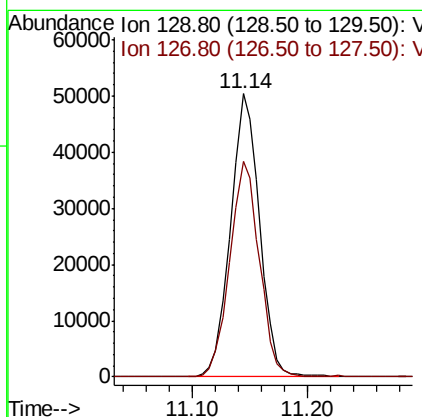
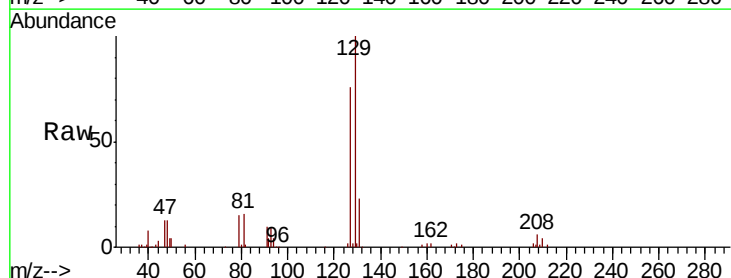
Manual Integrations
APPROVED

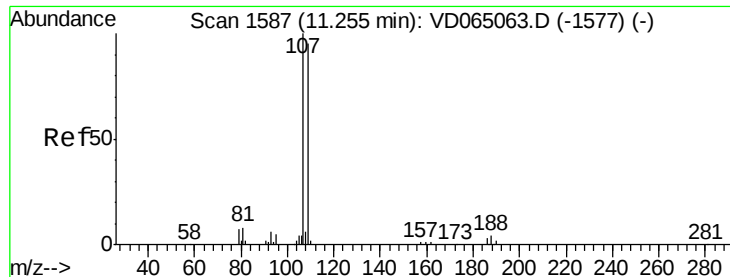
MMDadoda
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#60
Dibromochloromethane
Concen: 22.991 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065126.D
Acq: 10 Feb 2020 11:59

Tgt Ion: 129 Resp: 87510
Ion Ratio Lower Upper
129 100
127 77.6 38.3 114.9





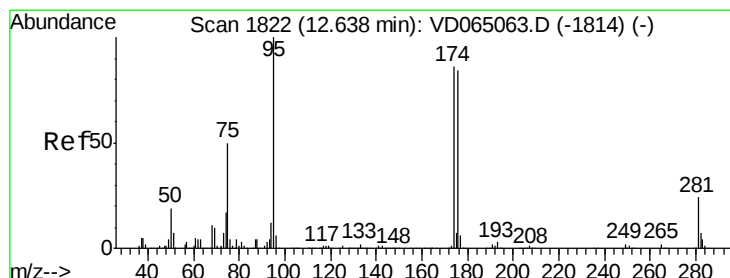
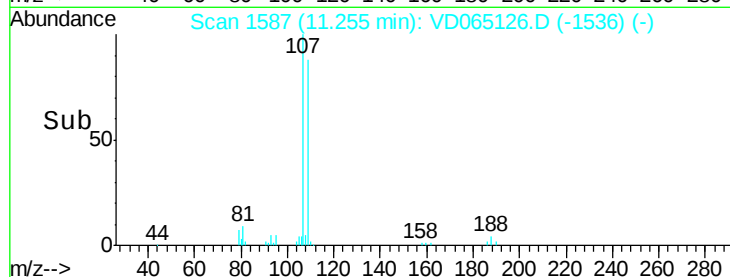
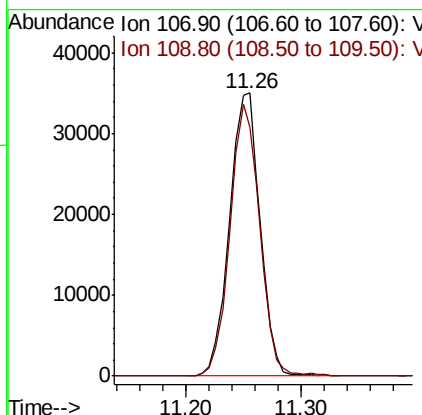
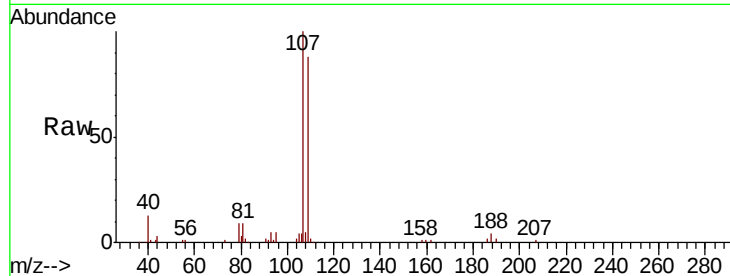
#61
 1,2-Dibromoethane
 Concen: 22.332 ug/l
 RT: 11.26 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: VD065126.D
 Acq: 10 Feb 2020 11:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0210SBS01

Tot Ion	Ratio	Resp	Lower	Upper
107	100	64123		
109	93.4	75.5	113.3	

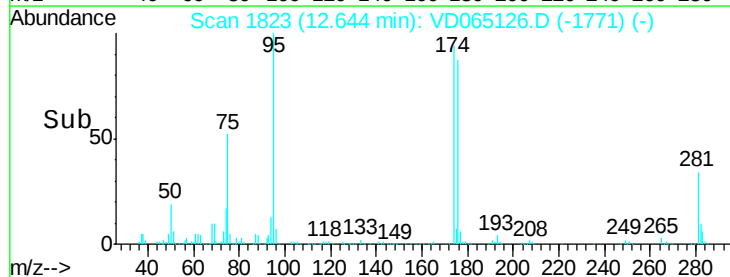
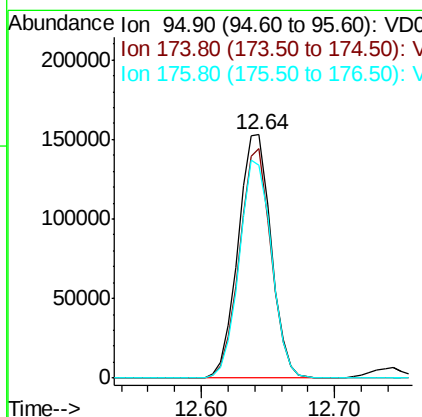
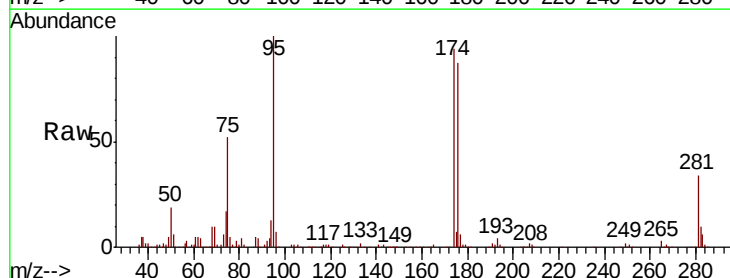
Manual Integrations
 APPROVED

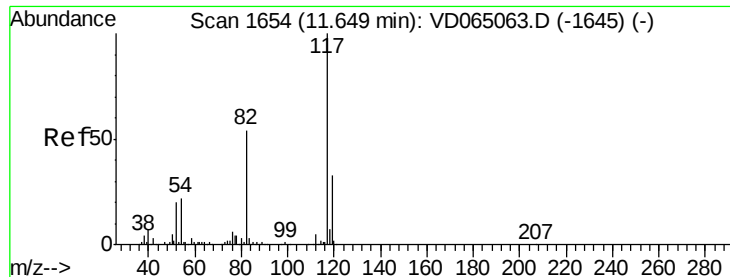
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#62
 4-Bromofluorobenzene
 Concen: 56.042 ug/l
 RT: 12.64 min Scan# 1823
 Delta R.T. 0.01 min
 Lab File: VD065126.D
 Acq: 10 Feb 2020 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	261157		
174	90.0	0.0	180.0	
176	87.7	0.0	173.2	





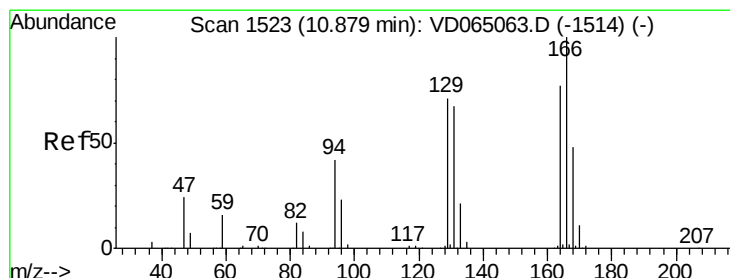
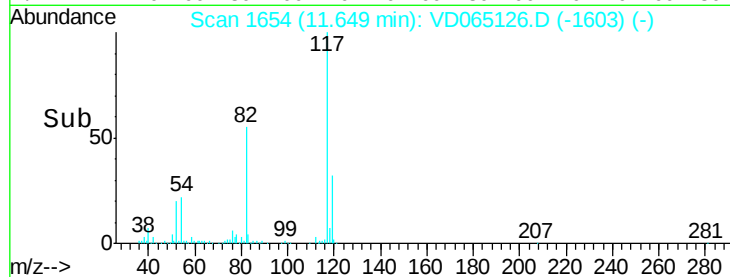
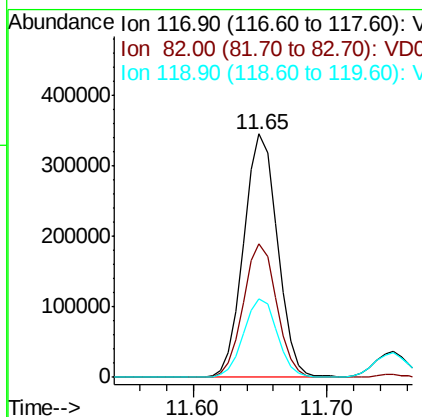
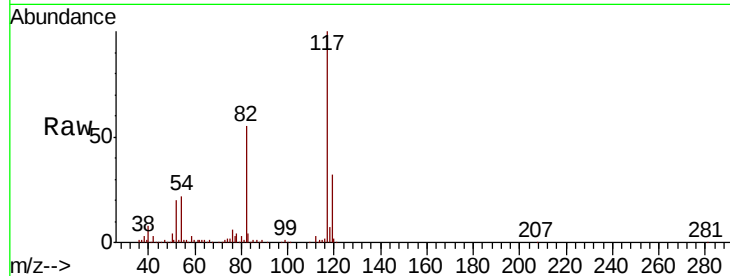
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065126.D
Acq: 10 Feb 2020 11:59

Instrument :
MSVOA_D
ClientSampleId :
VD0210SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	43.1	64.7
119	32.1	26.0	39.0

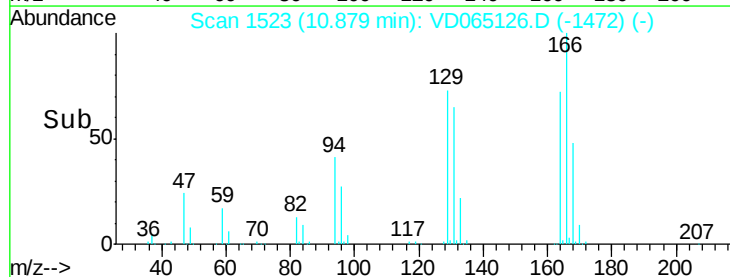
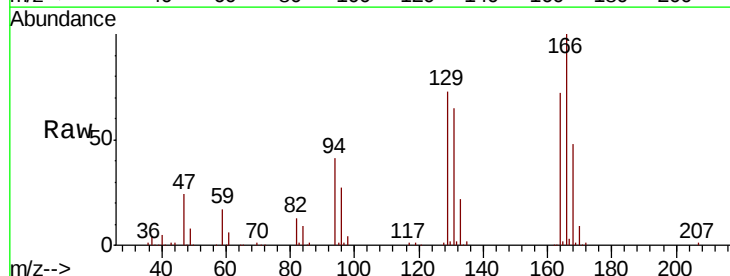
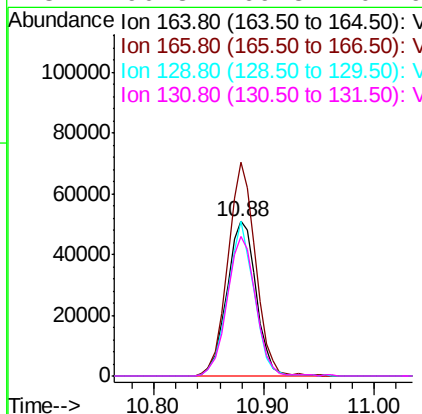
Manual Integrations
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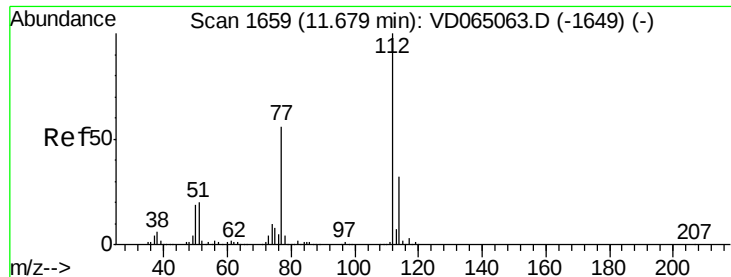
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#64
Tetrachloroethene
Concen: 21.865 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065126.D
Acq: 10 Feb 2020 11:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	138.1	103.5	155.3
129	100.3	73.3	109.9
131	90.3	69.8	104.6





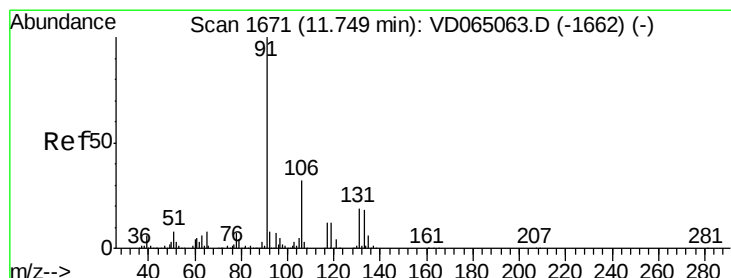
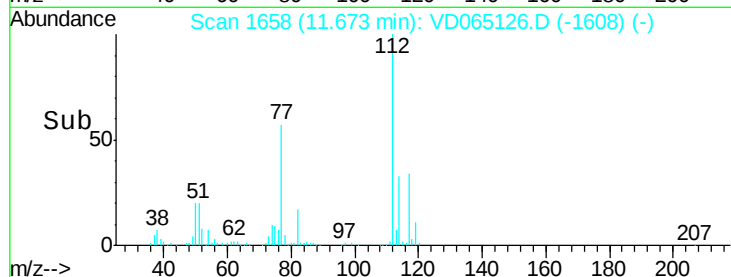
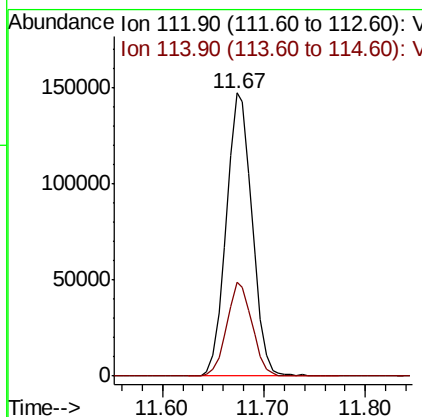
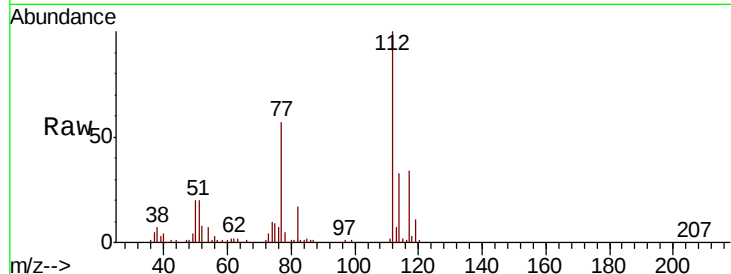
#65
Chlorobenzene
Concen: 22.317 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD065126.D
Acq: 10 Feb 2020 11:59

Instrument :
MSVOA_D
ClientSampleId :
VD0210SBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	260120		
114	33.2	25.4	38.0	

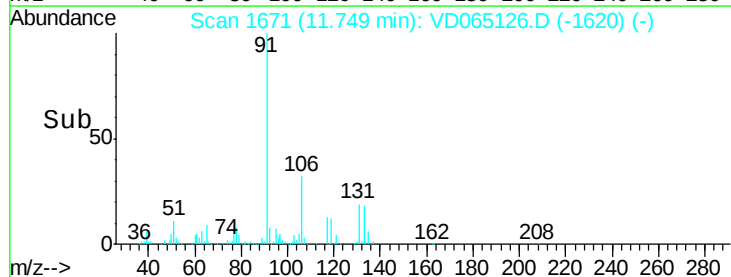
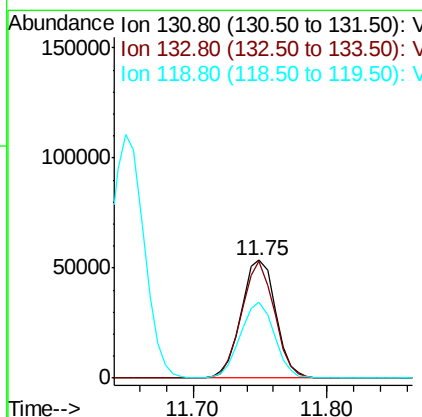
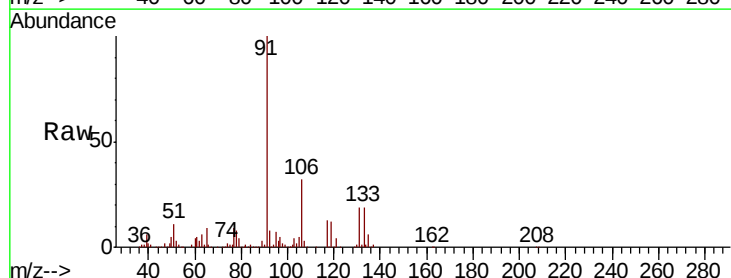
Manual Integrations
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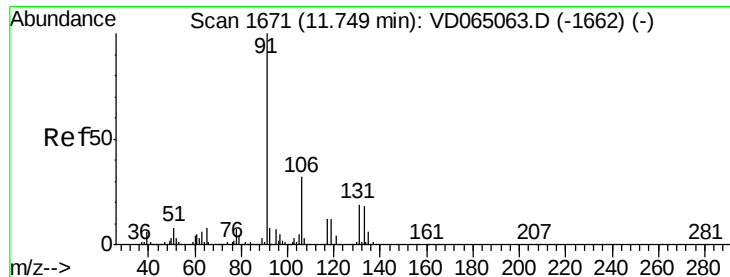
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#66
1,1,1,2-Tetrachloroethane
Concen: 22.396 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065126.D
Acq: 10 Feb 2020 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	96342		
133	94.0	47.7	143.1	
119	63.6	31.3	93.8	





#67

Ethyl Benzene

Concen: 21.920 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065126.D

Acq: 10 Feb 2020 11:59

Instrument :

MSVOA_D

ClientSampleId :

VD0210SBS01

Tot Ion: 91 Resp: 464170

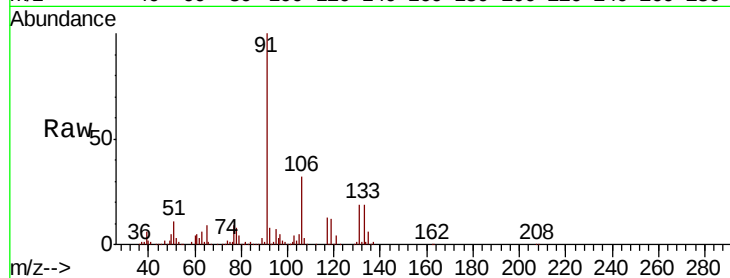
Ion Ratio Lower Upper

91 100

106 31.7 25.4 38.2

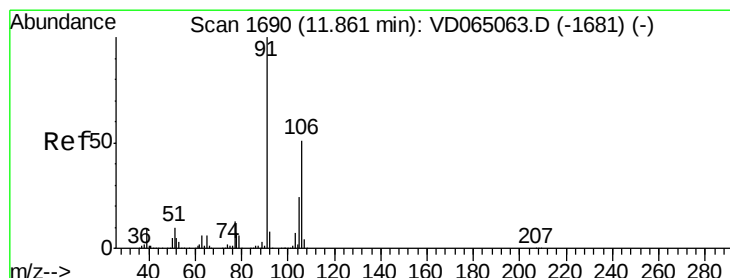
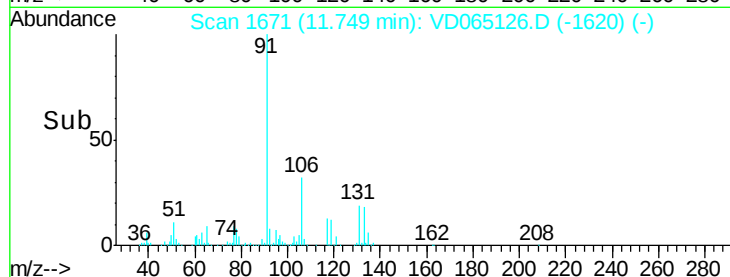
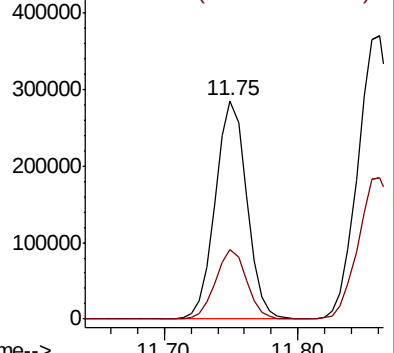
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Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 44.465 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. -0.00 min

Lab File: VD065126.D

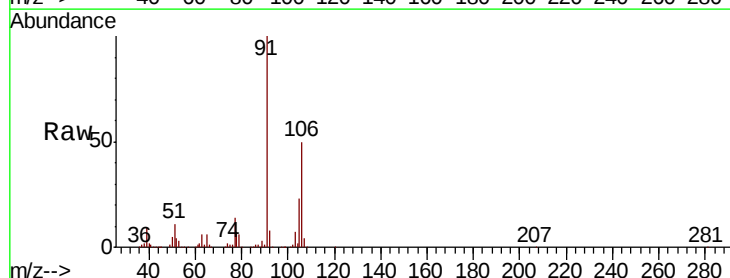
Acq: 10 Feb 2020 11:59

Tgt Ion: 106 Resp: 359379

Ion Ratio Lower Upper

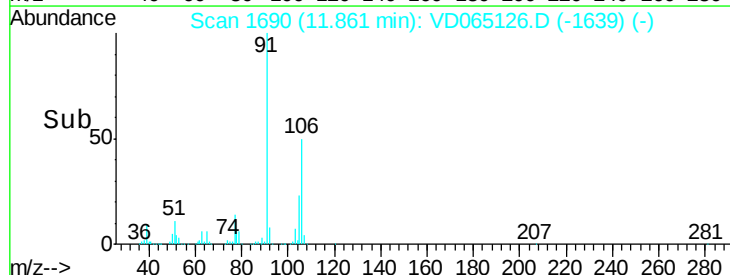
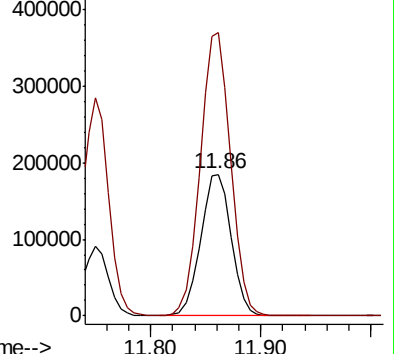
106 100

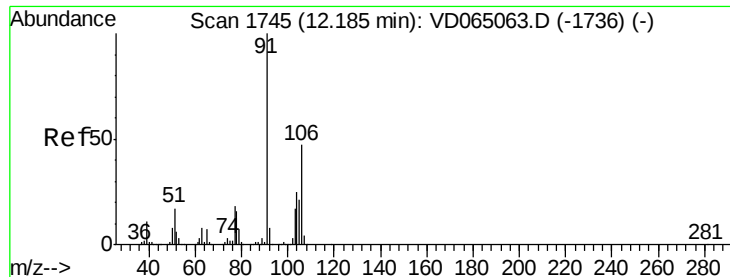
91 198.1 158.9 238.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V





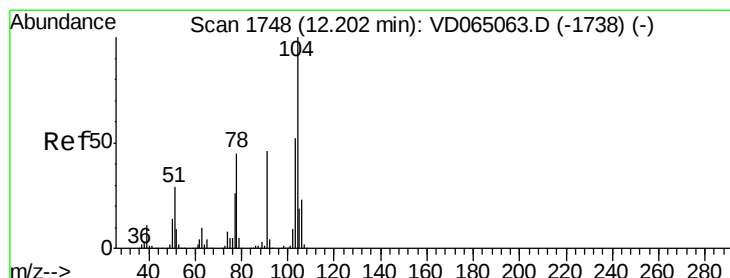
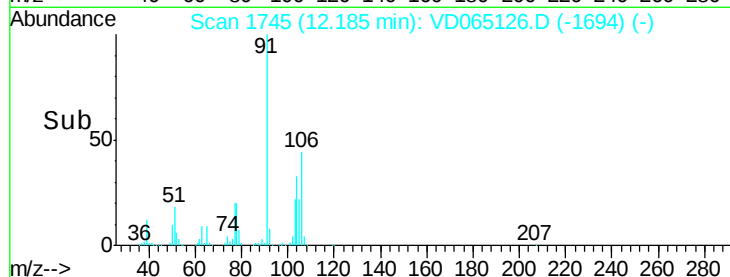
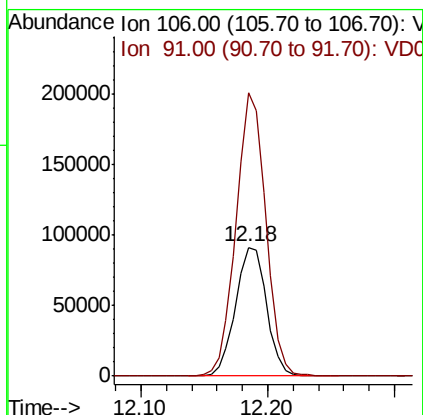
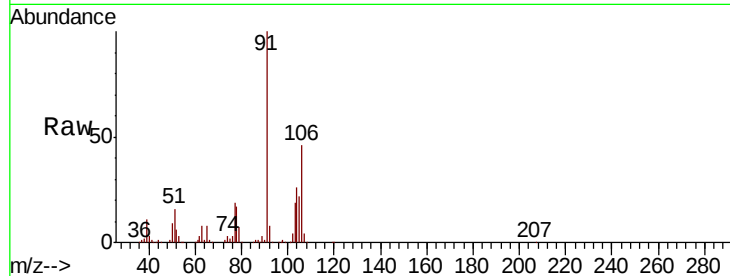
#69
o-Xylene
Concen: 21.329 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065126.D
Acq: 10 Feb 2020 11:59

Instrument :
MSVOA_D
ClientSampleId :
VD0210SBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	210.5	104.7	313.9

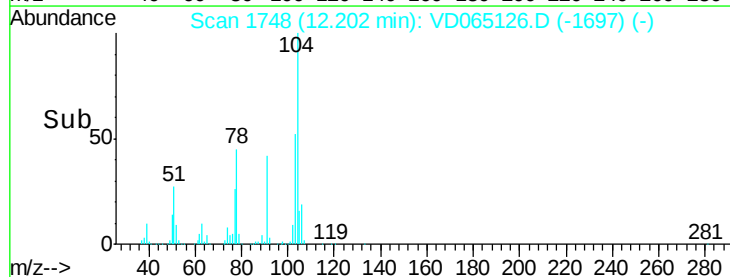
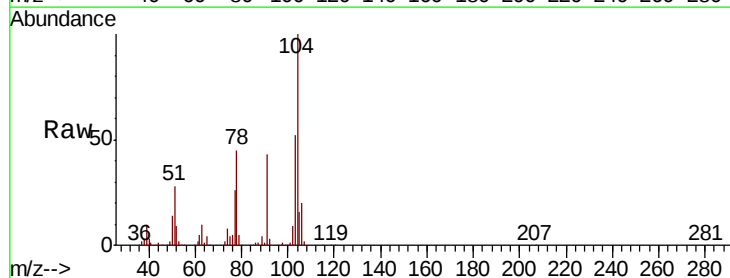
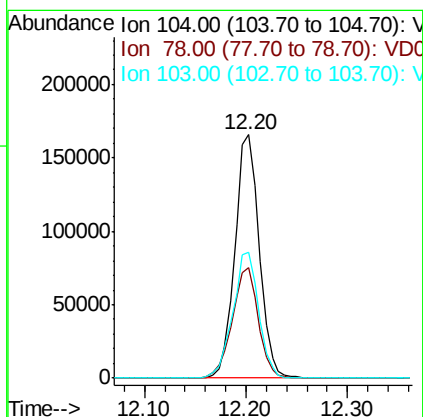
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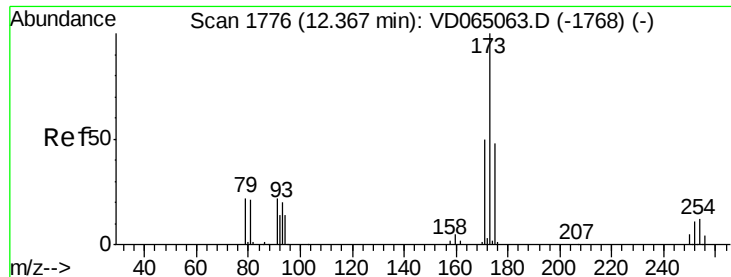
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#70
Styrene
Concen: 21.894 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD065126.D
Acq: 10 Feb 2020 11:59

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	48.5	38.5	57.7
103	103	55.0	43.8	65.8





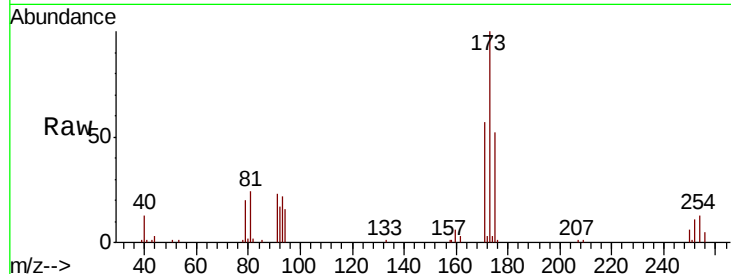
#71
Bromoform
Concen: 22.447 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. -0.00 min
Lab File: VD065126.D
Acq: 10 Feb 2020 11:59

Instrument :
MSVOA_D
ClientSampleId :
VD0210SBS01

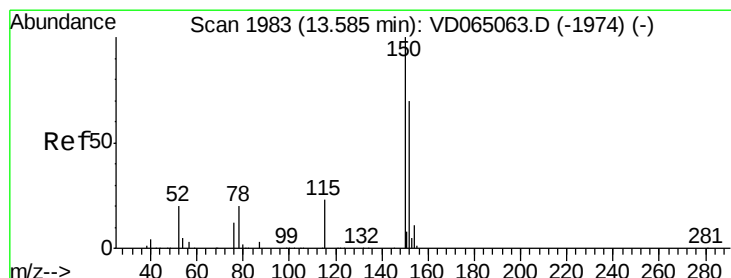
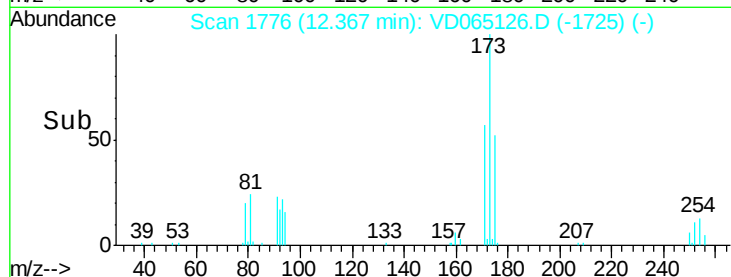
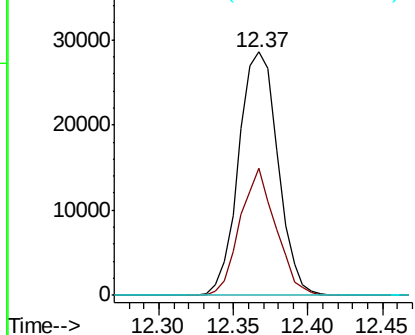
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.7	24.3	72.8
254	0.0	0.1	0.1#

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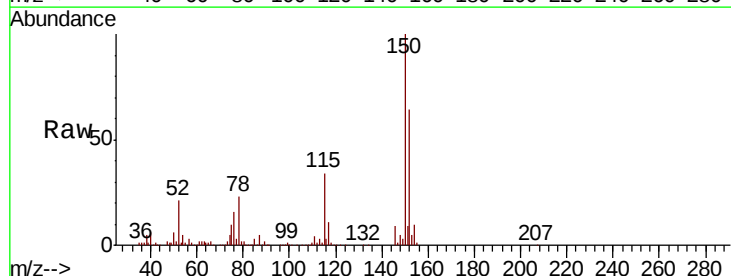


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

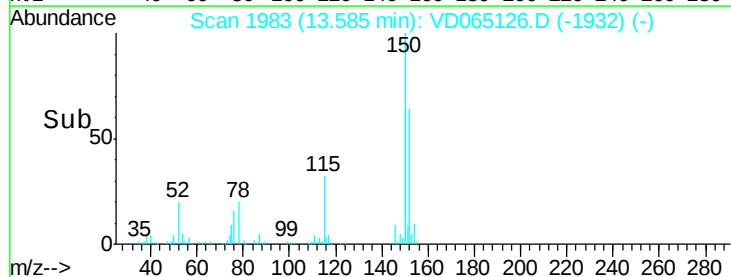
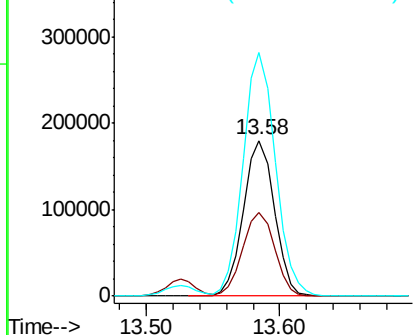


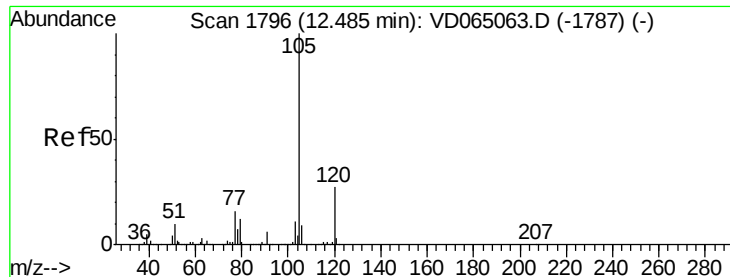
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065126.D
Acq: 10 Feb 2020 11:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.5	27.5	82.4
150	163.2	0.0	343.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.731 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065126.D

Acq: 10 Feb 2020 11:59

Instrument :

MSVOA_D

ClientSampleId :

VD0210SBS01

Tot Ion: 105 Resp: 430335

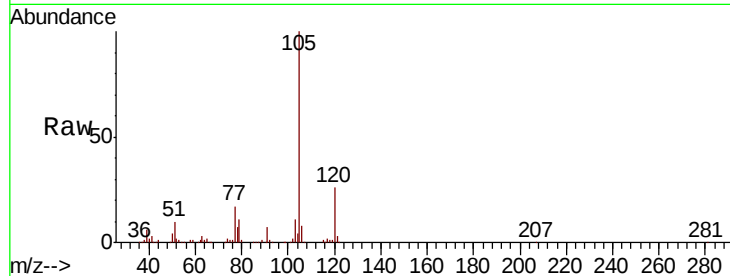
Ion Ratio Lower Upper

105 100

120 26.2 13.3 39.9

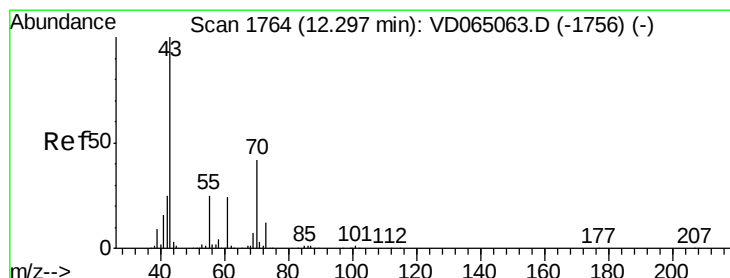
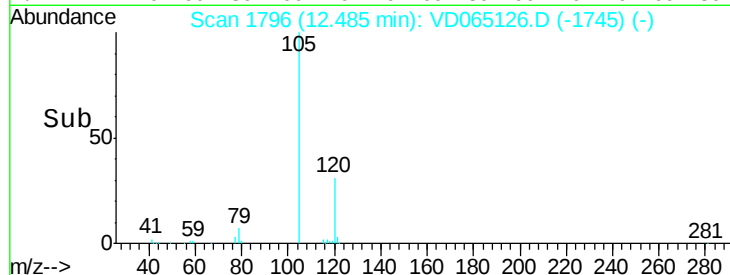
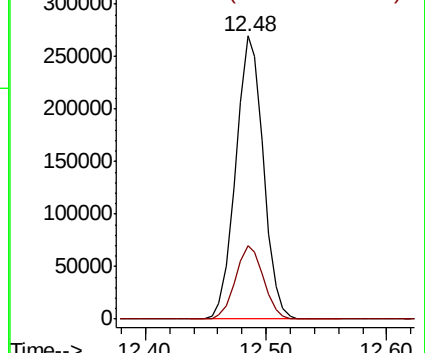
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.667 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VD065126.D

Acq: 10 Feb 2020 11:59

Tgt Ion: 43 Resp: 88955

Ion Ratio Lower Upper

43 100

70 41.1 33.5 50.3

55 27.0 19.4 29.2

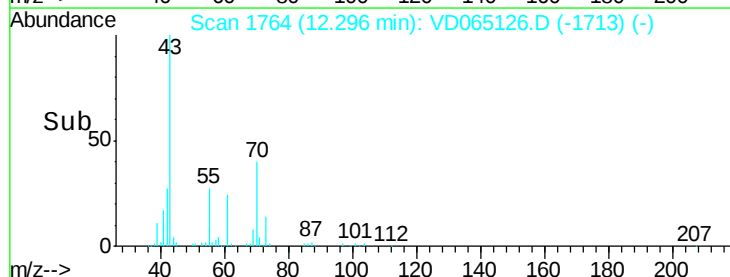
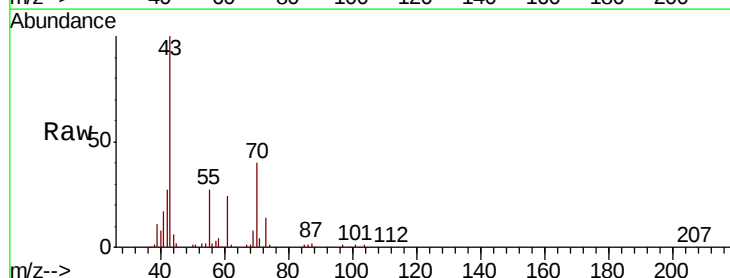
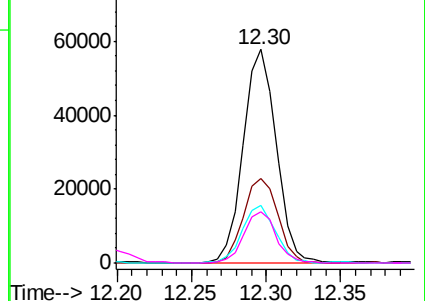
61 23.0 18.6 28.0

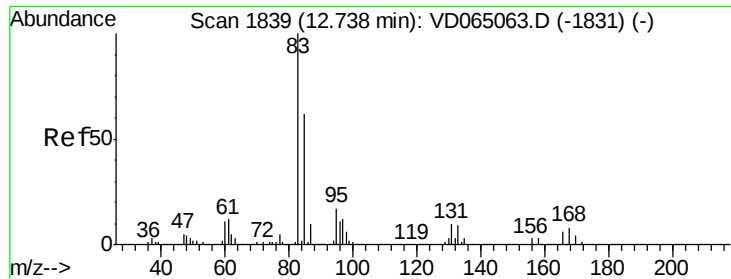
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 22.680 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065126.D

Acq: 10 Feb 2020 11:59

Instrument :

MSVOA_D

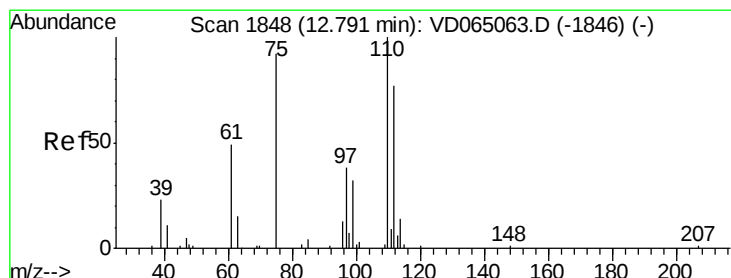
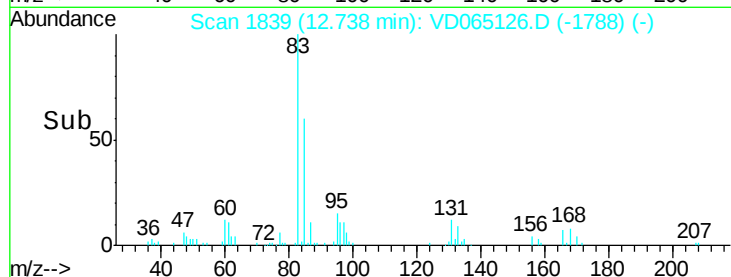
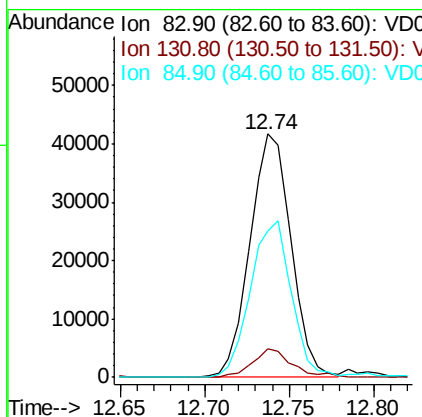
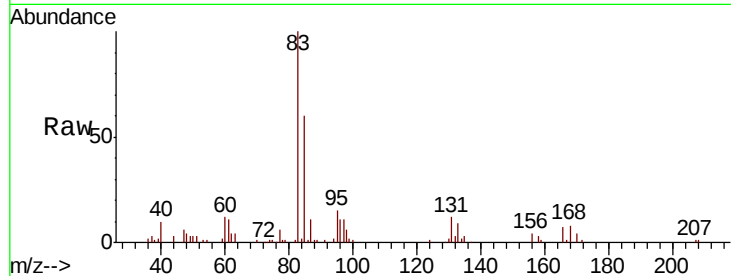
ClientSampleId :

VD0210SBS01

Tot Ion:	83	Resp:	70686
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.5	16.4
85	64.3	31.8	95.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.337 ug/l m

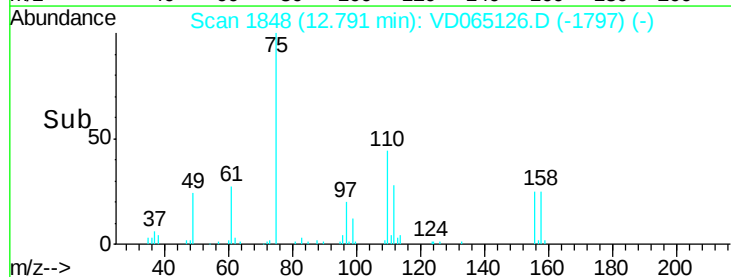
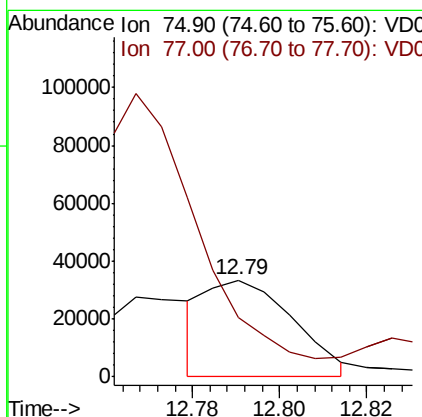
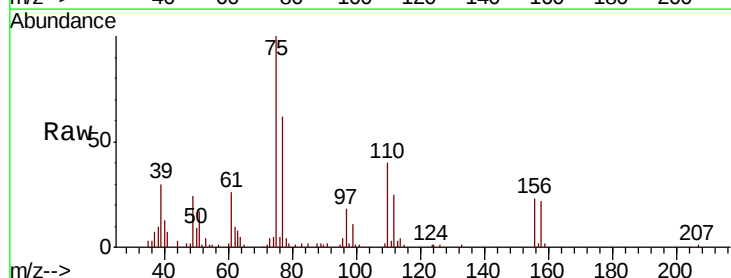
RT: 12.79 min Scan# 1848

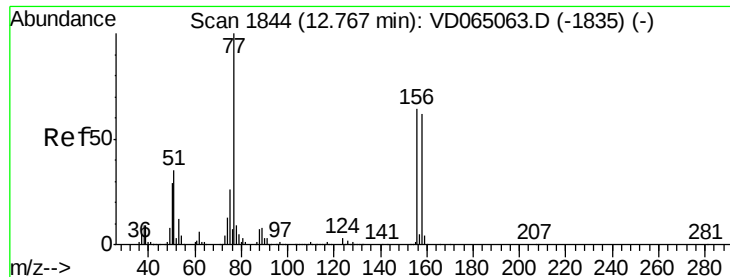
Delta R.T. -0.00 min

Lab File: VD065126.D

Acq: 10 Feb 2020 11:59

Tgt Ion:	75	Resp:	46608
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.653 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065126.D

Acq: 10 Feb 2020 11:59

Instrument :

MSVOA_D

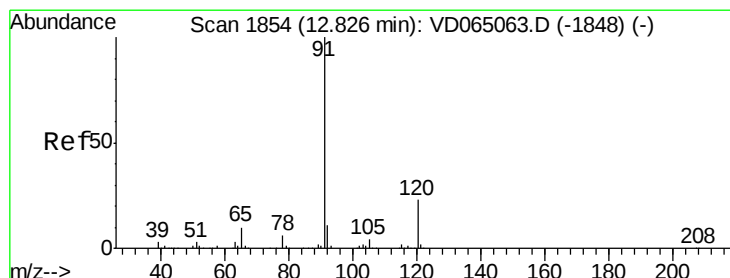
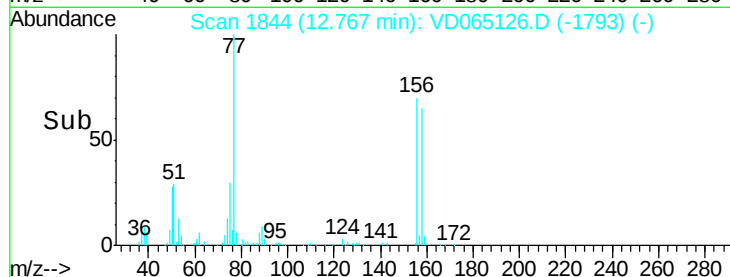
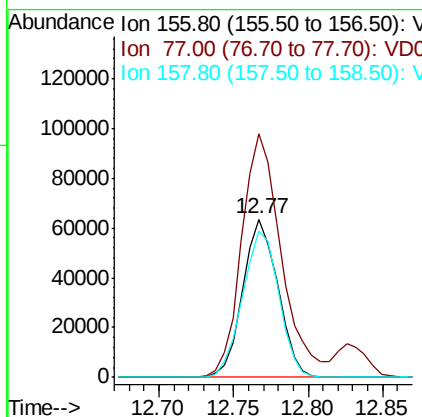
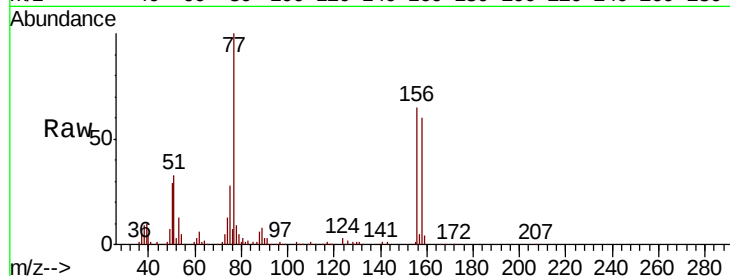
ClientSampleId :

VD0210SBS01

Tot Ion:	156	Resp:	103307
Ion Ratio	Lower	Upper	
156	100		
77	173.3	85.6	256.8
158	95.8	47.4	142.2

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#78

n-propylbenzene

Concen: 22.384 ug/l

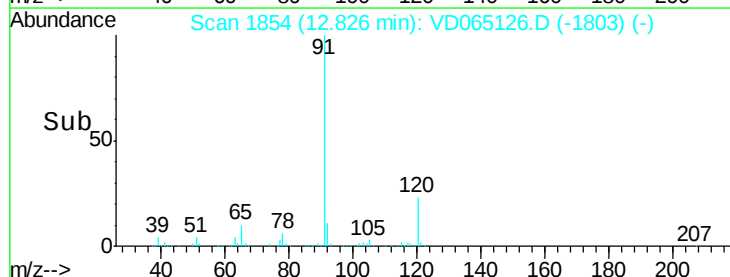
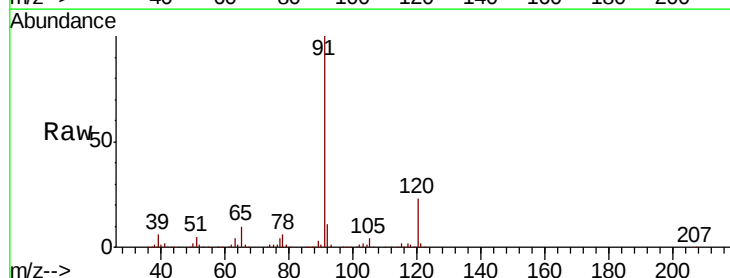
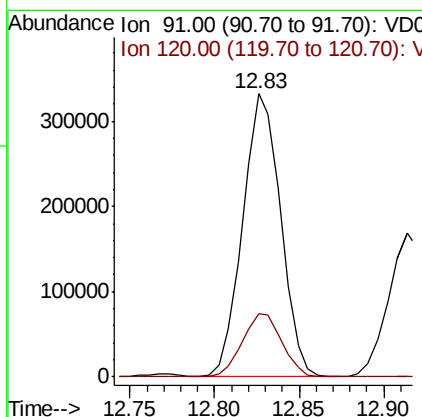
RT: 12.83 min Scan# 1854

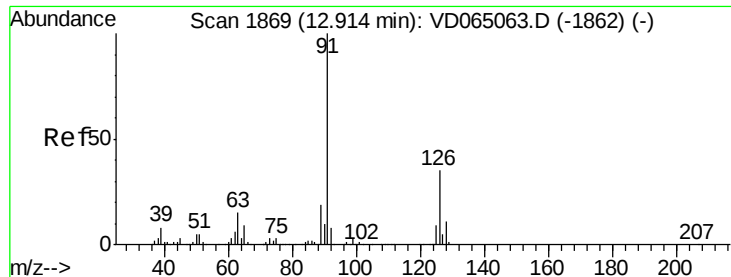
Delta R.T. -0.00 min

Lab File: VD065126.D

Acq: 10 Feb 2020 11:59

Tgt Ion:	91	Resp:	519112
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.8	35.3





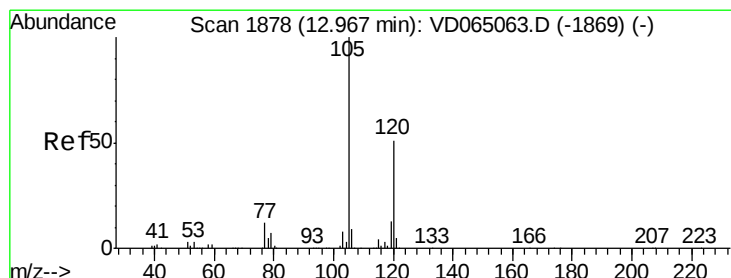
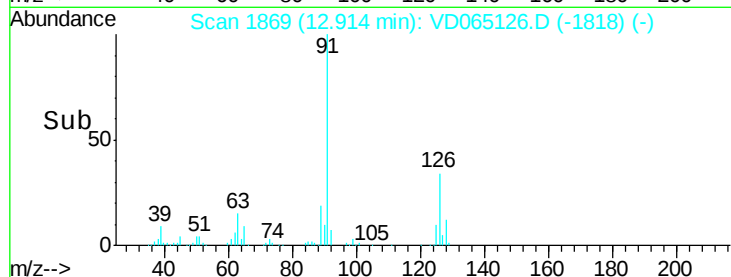
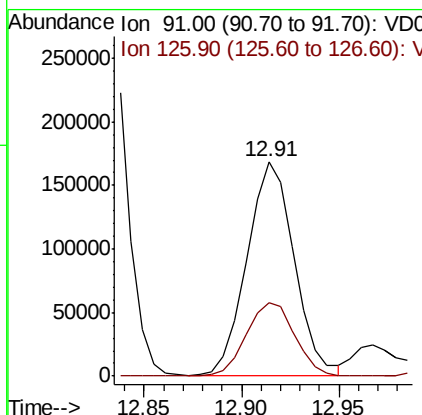
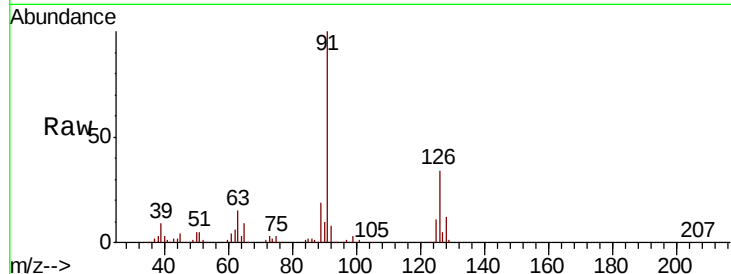
#79
2-Chlorotoluene
Concen: 21.829 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. -0.00 min
Lab File: VD065126.D
Acq: 10 Feb 2020 11:59

Instrument :
MSVOA_D
ClientSampleId :
VD0210SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.3	17.4	52.3

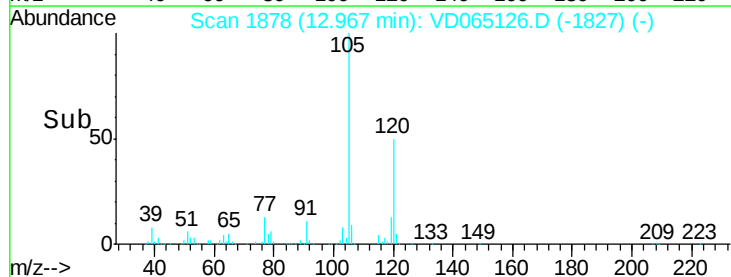
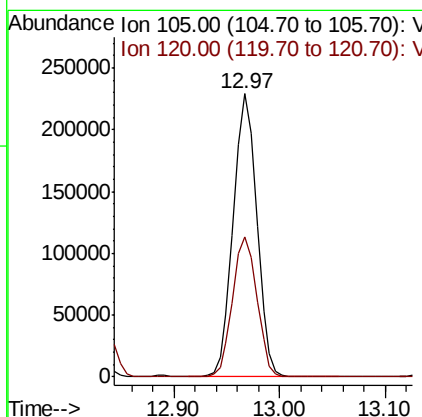
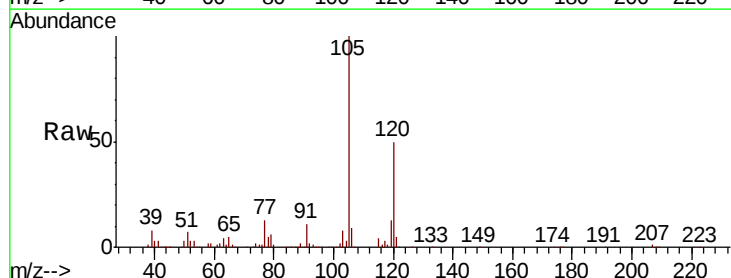
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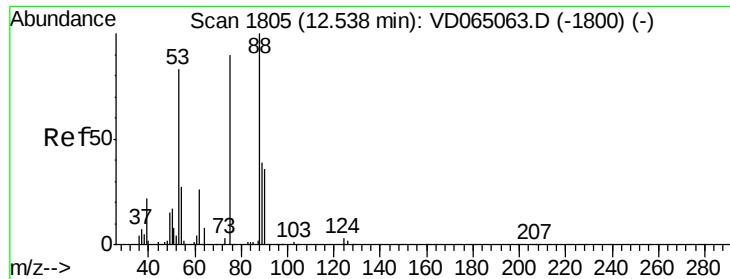
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#80
1,3,5-Trimethylbenzene
Concen: 21.865 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. -0.00 min
Lab File: VD065126.D
Acq: 10 Feb 2020 11:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.7	25.1	75.4





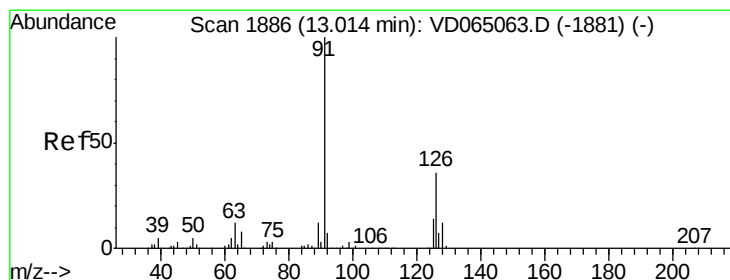
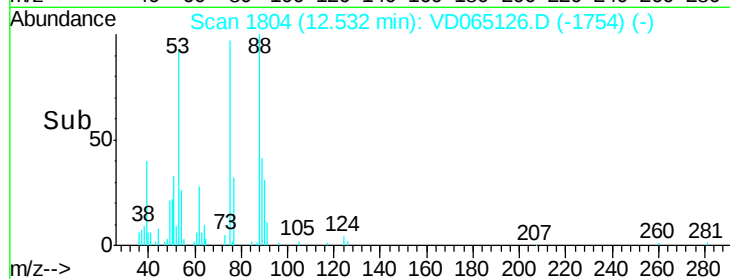
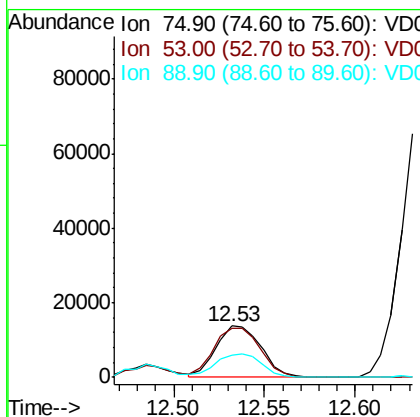
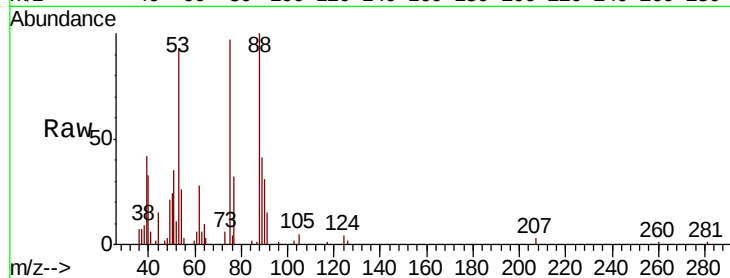
#81
trans-1,4-Dichloro-2-butene
Concen: 21.815 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.01 min
Lab File: VD065126.D
Acq: 10 Feb 2020 11:59

Instrument :
MSVOA_D
ClientSampleId :
VD0210SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.1	78.5	117.7
89	45.6	37.0	55.4

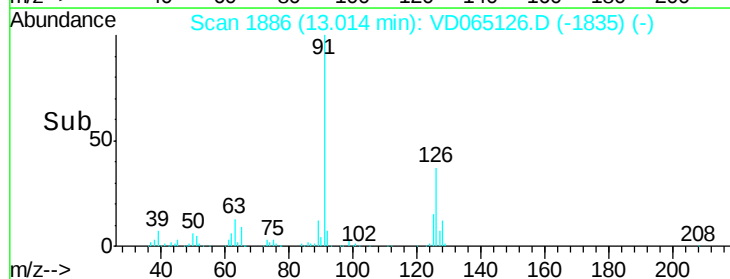
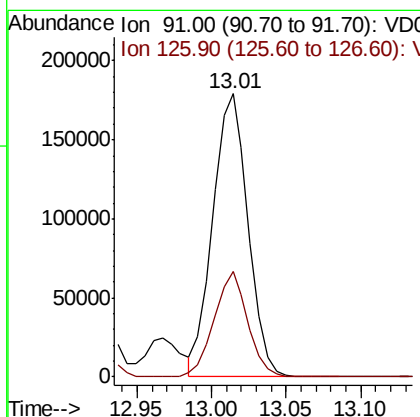
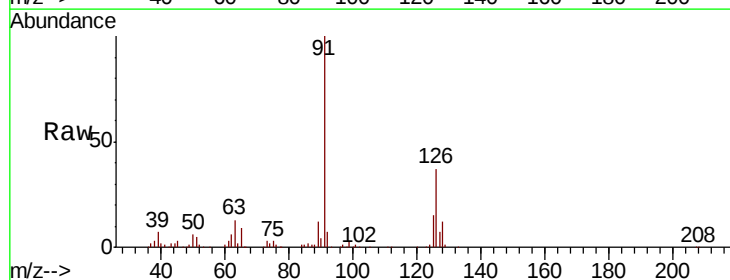
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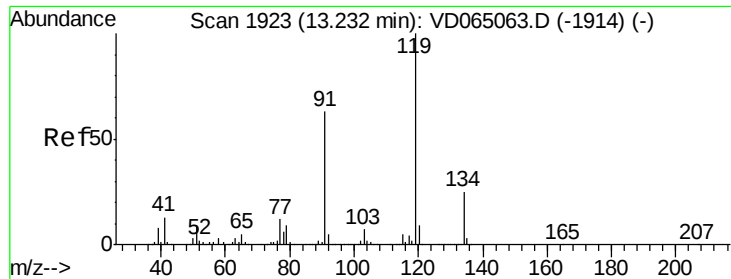
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#82
4-Chlorotoluene
Concen: 21.737 ug/l
RT: 13.01 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VD065126.D
Acq: 10 Feb 2020 11:59

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.6	17.5	52.5





#83

tert-Butylbenzene

Concen: 21.149 ug/l

RT: 13.23 min Scan# 1923

Delta R.T. -0.00 min

Lab File: VD065126.D

Acq: 10 Feb 2020 11:59

Instrument :

MSVOA_D

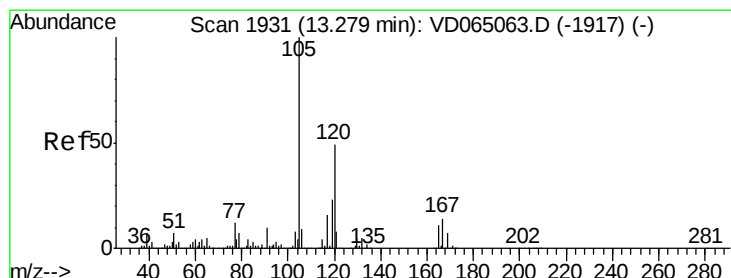
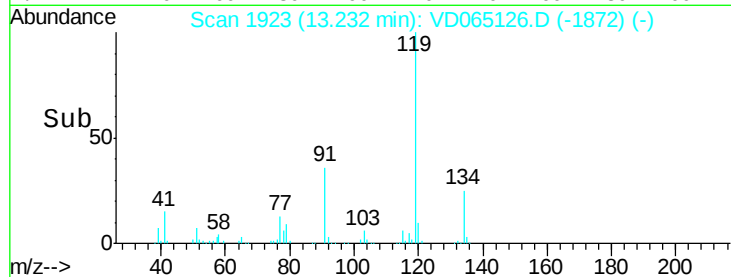
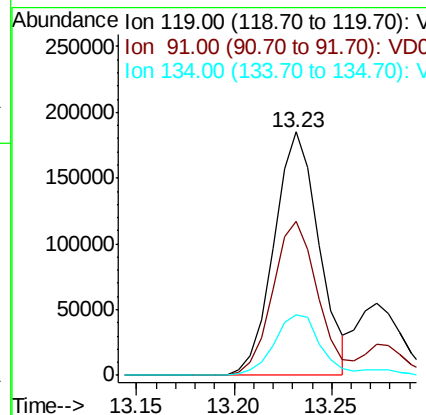
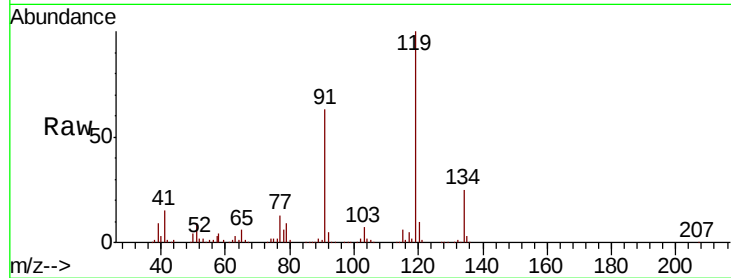
ClientSampleId :

VD0210SBS01

Tot Ion:	119	Resp:	295593
Ion Ratio	Lower	Upper	
119	100		
91	63.6	32.3	96.9
134	27.4	13.8	41.3

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#84

1,2,4-Trimethylbenzene

Concen: 21.843 ug/l

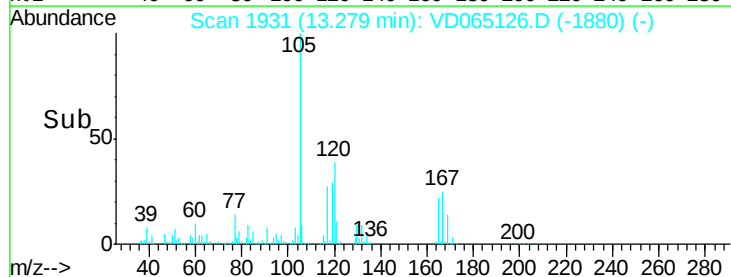
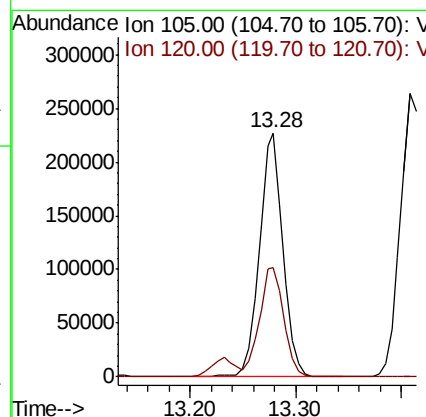
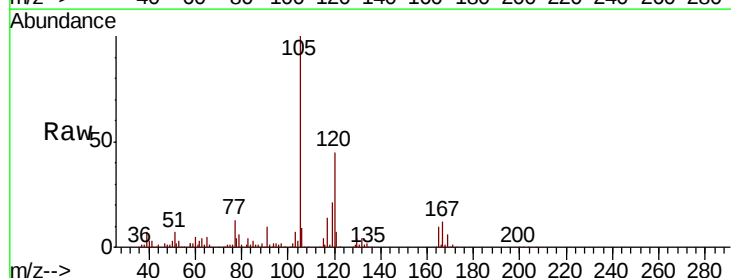
RT: 13.28 min Scan# 1931

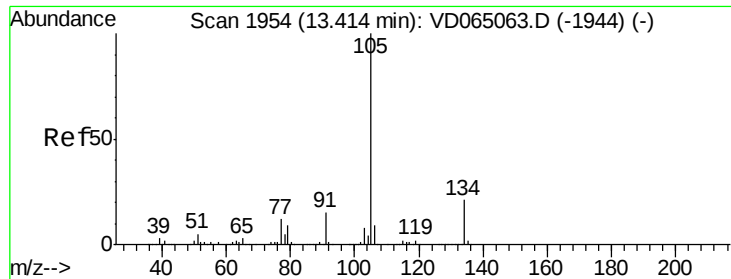
Delta R.T. -0.00 min

Lab File: VD065126.D

Acq: 10 Feb 2020 11:59

Tgt Ion:	105	Resp:	351320
Ion Ratio	Lower	Upper	
105	100		
120	46.4	23.5	70.5





#85

sec-Butylbenzene

Concen: 21.853 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.01 min

Lab File: VD065126.D

Acq: 10 Feb 2020 11:59

Instrument :

MSVOA_D

ClientSampleId :

VD0210SBS01

Tot Ion:105 Resp: 417157

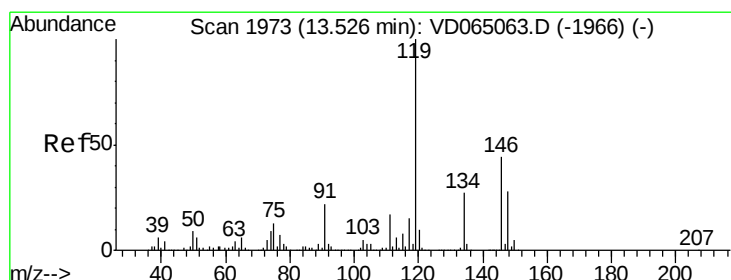
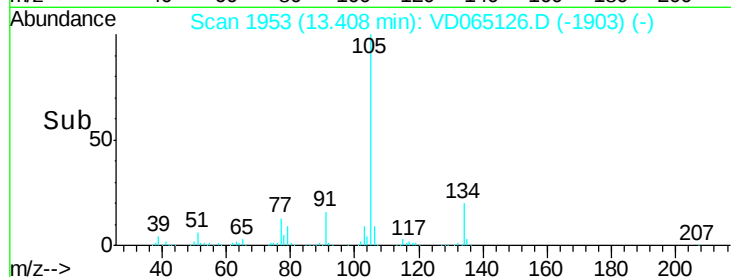
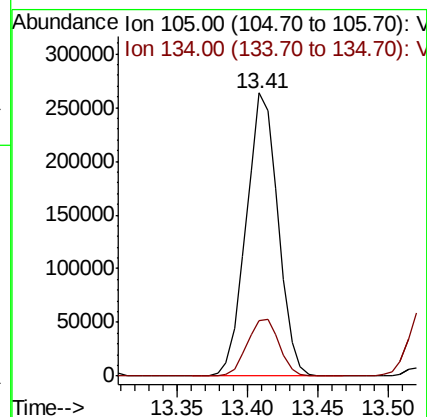
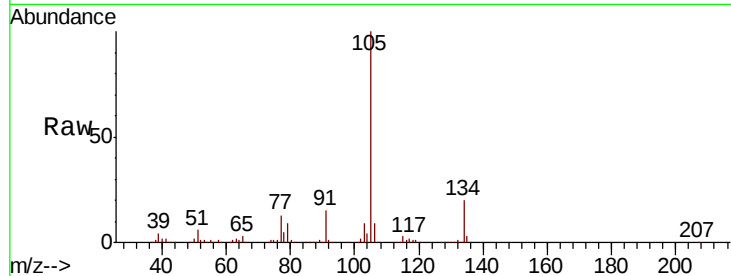
Ion Ratio Lower Upper

105 100

134 20.4 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 22.177 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD065126.D

Acq: 10 Feb 2020 11:59

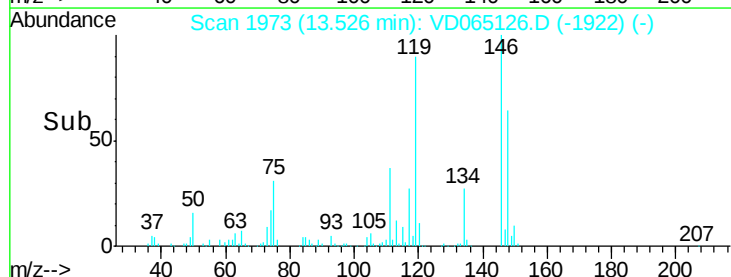
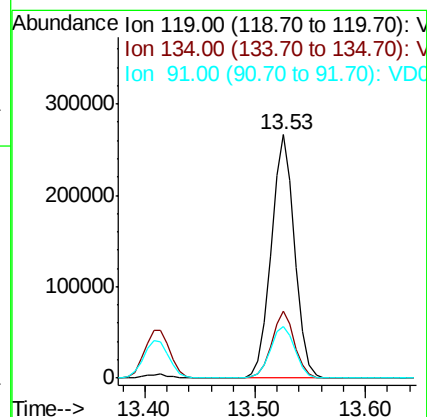
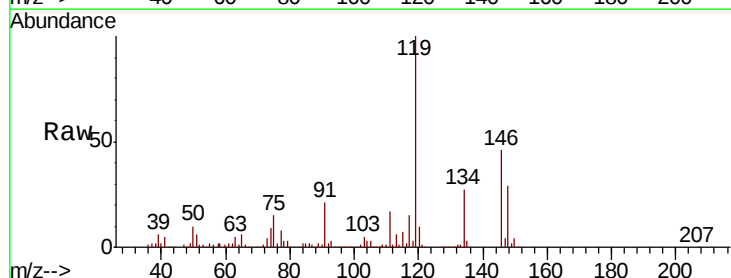
Tgt Ion:119 Resp: 393334

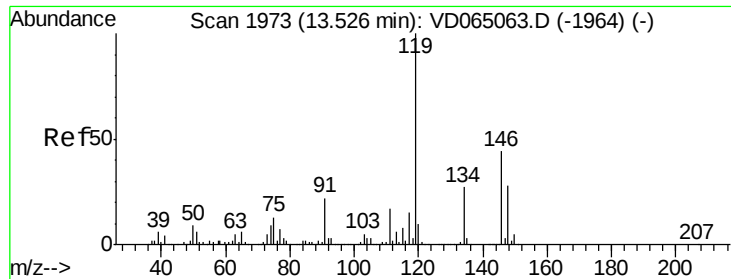
Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.5

91 22.3 11.3 33.9





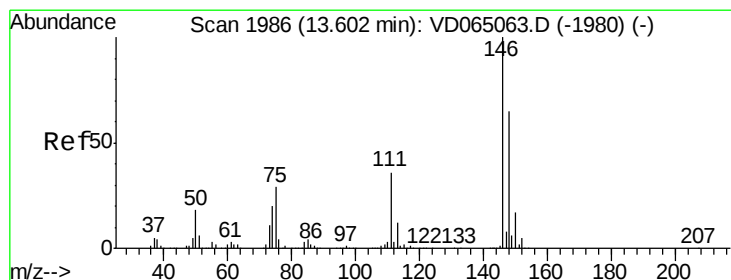
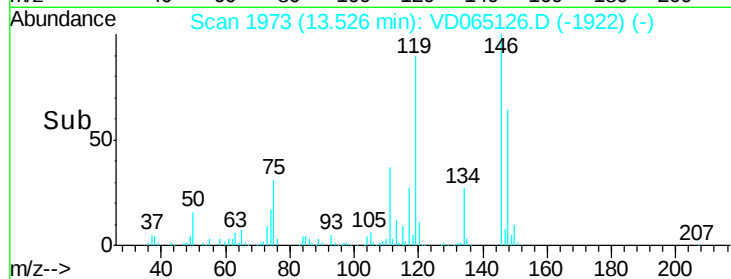
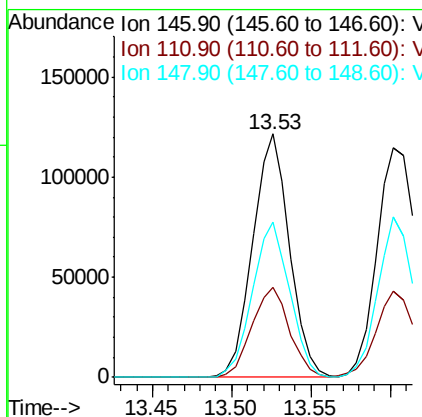
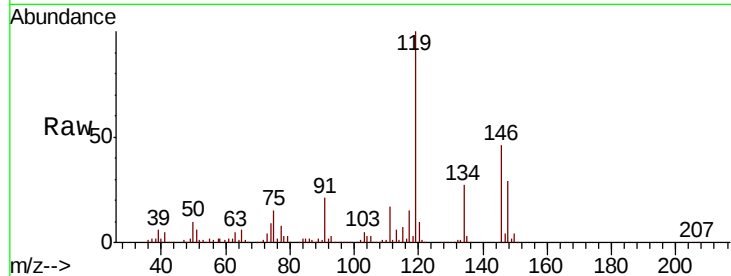
#87
 1,3-Dichlorobenzene
 Concen: 21.978 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VD065126.D
 Acq: 10 Feb 2020 11:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0210SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.4	58.4
148	64.6	32.3	96.8

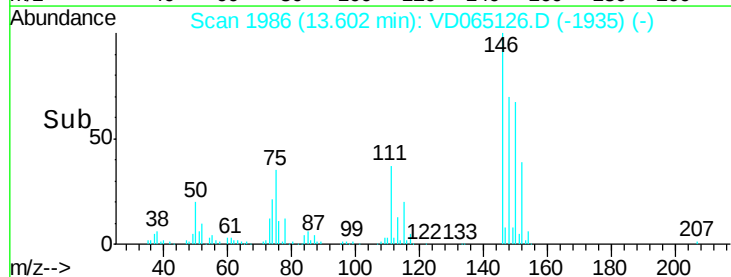
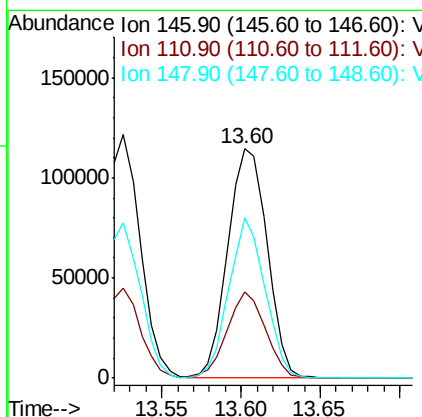
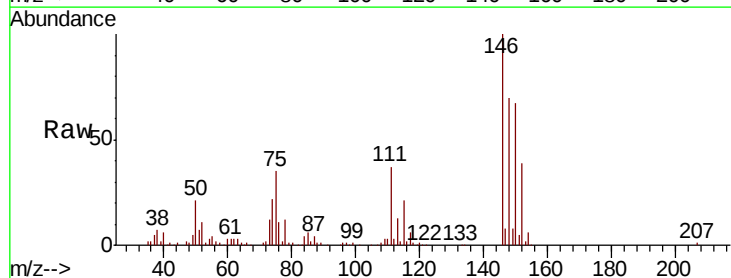
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#88
 1,4-Dichlorobenzene
 Concen: 22.206 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD065126.D
 Acq: 10 Feb 2020 11:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.5	55.5
148	64.5	32.7	98.1





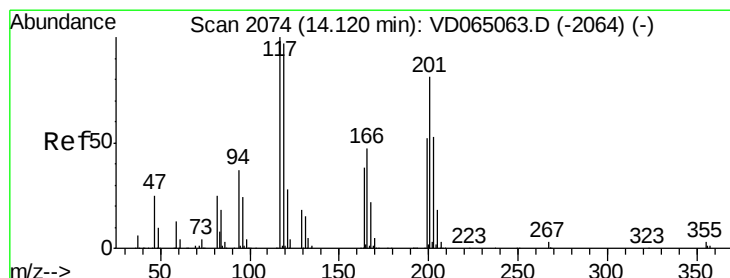
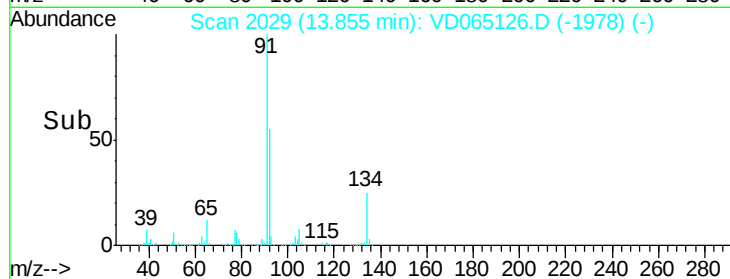
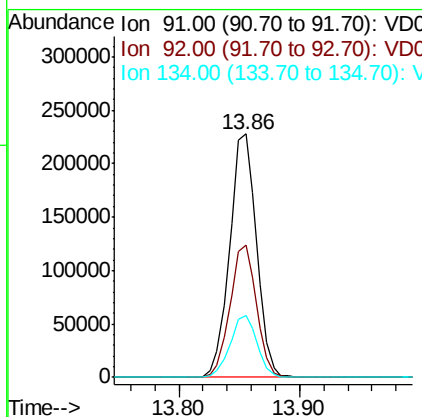
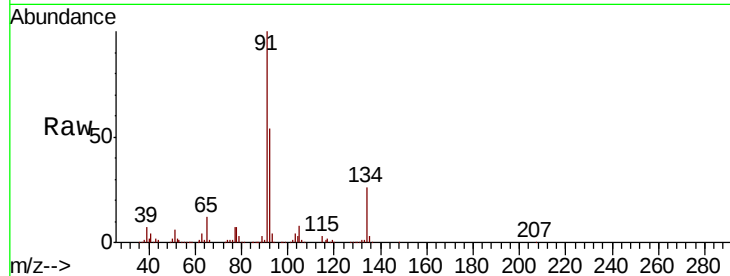
#89
n-Butylbenzene
Concen: 21.540 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. -0.00 min
Lab File: VD065126.D
Acq: 10 Feb 2020 11:59

Instrument :
MSVOA_D
ClientSampleId :
VD0210SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.7	80.1
134	25.5	13.4	40.2

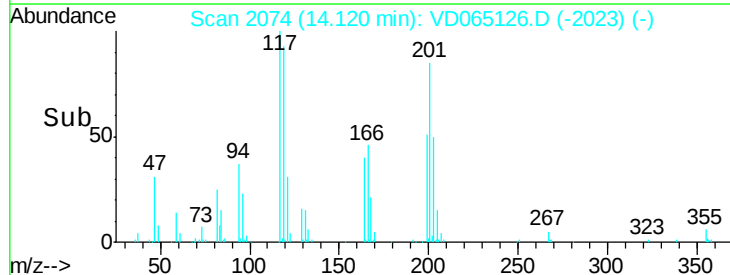
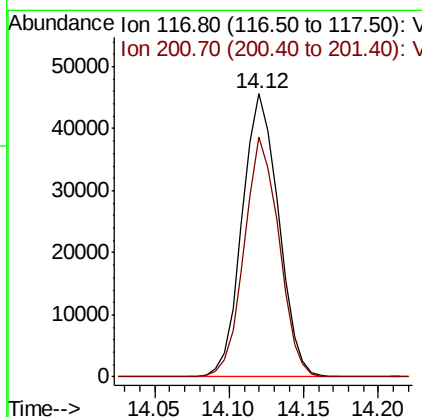
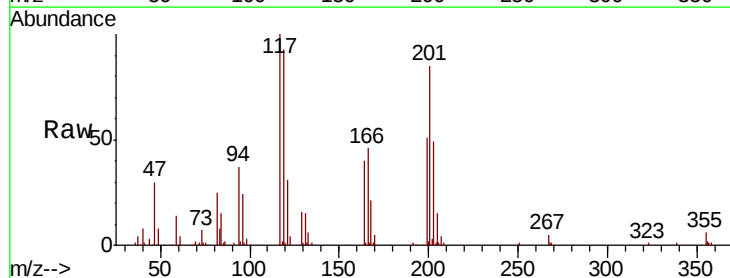
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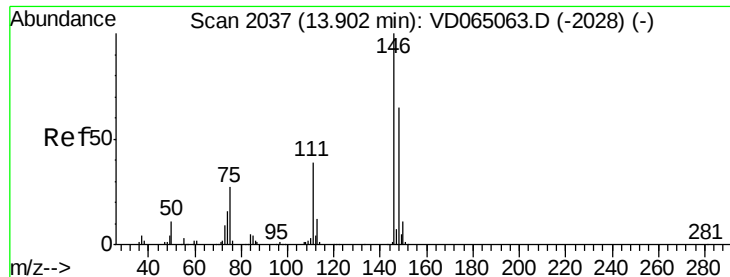
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#90
Hexachloroethane
Concen: 22.973 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD065126.D
Acq: 10 Feb 2020 11:59

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.0	42.5	127.6





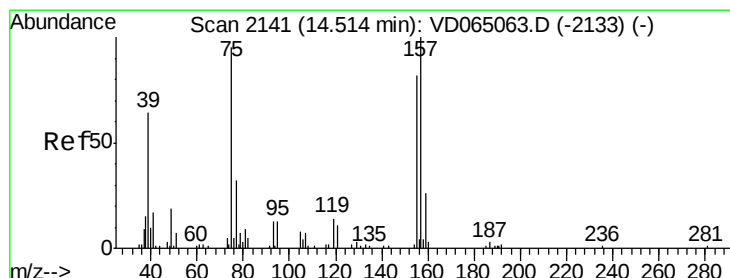
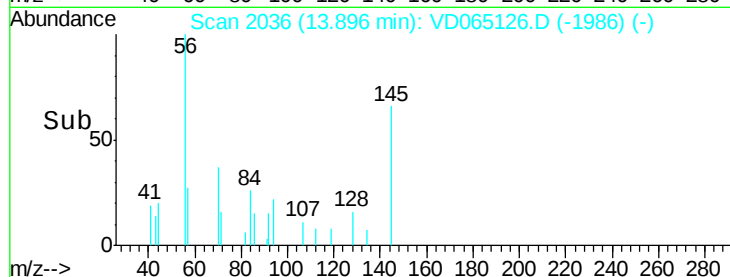
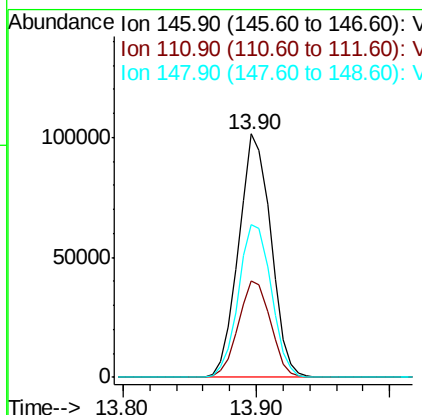
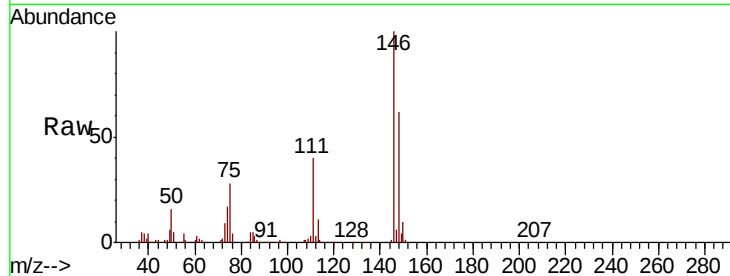
#91
 1,2-Dichlorobenzene
 Concen: 22.140 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: VD065126.D
 Acq: 10 Feb 2020 11:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0210SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.7	59.1
148	64.1	31.9	95.5

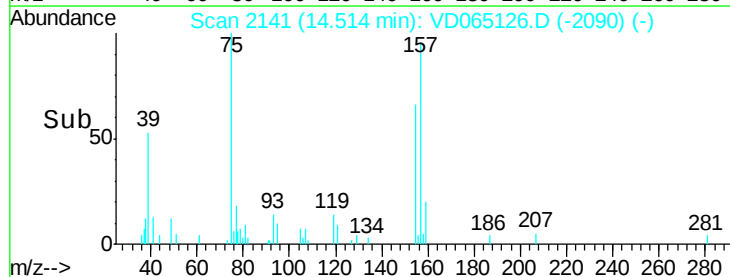
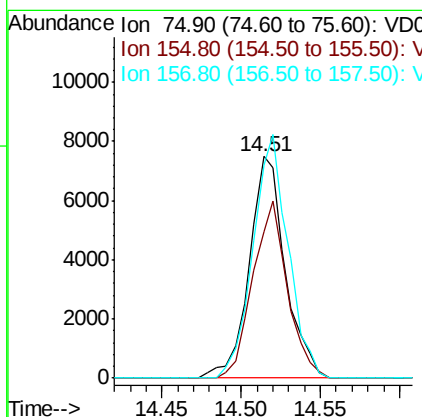
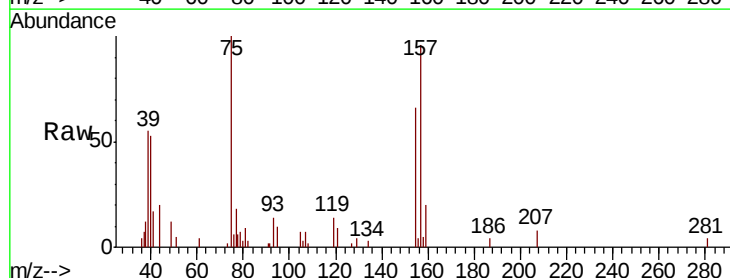
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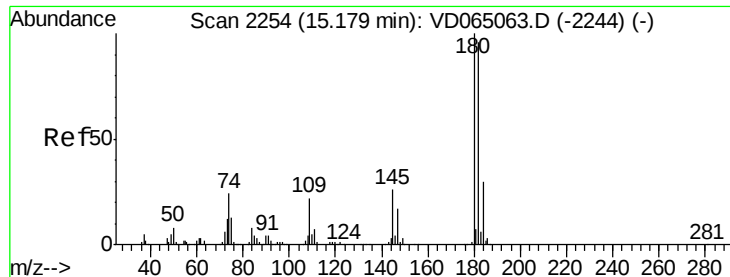
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.254 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VD065126.D
 Acq: 10 Feb 2020 11:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.7	43.4	130.1
157	107.3	55.8	167.3





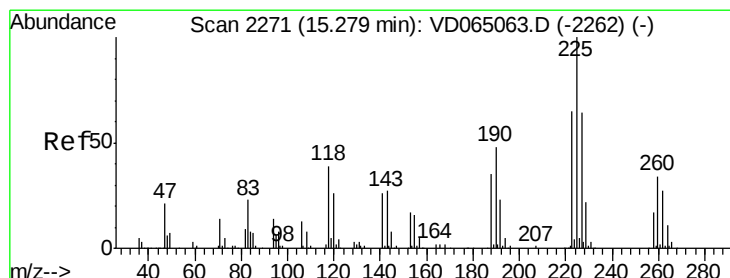
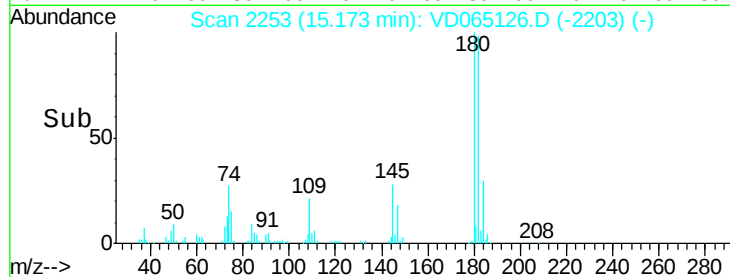
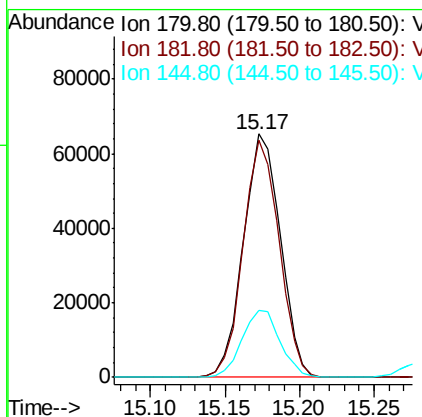
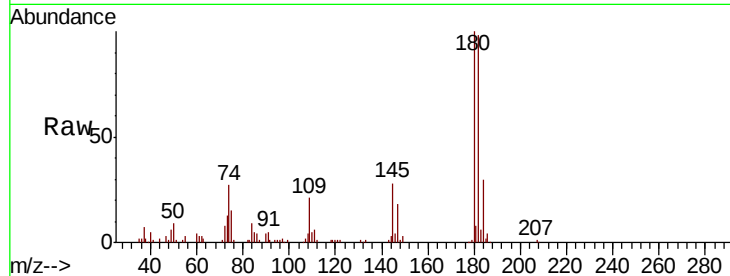
#93
 1,2,4-Trichlorobenzene
 Concen: 20.499 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.01 min
 Lab File: VD065126.D
 Acq: 10 Feb 2020 11:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0210SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	112106		
182	95.0	47.4	142.3	
145	28.4	14.1	42.4	

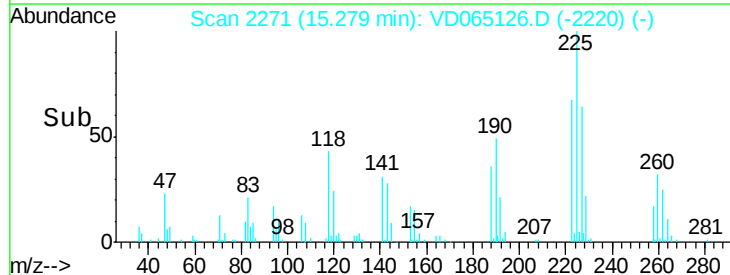
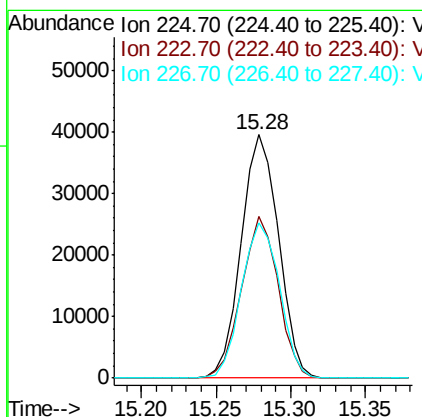
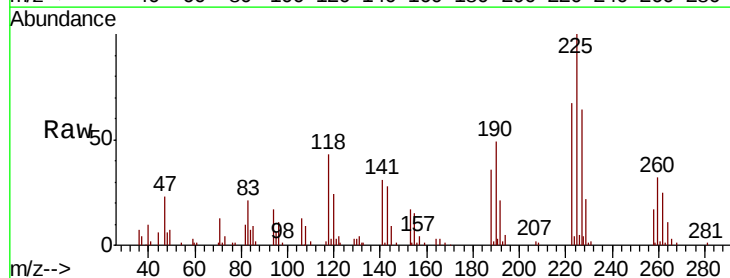
Manual Integrations
 APPROVED

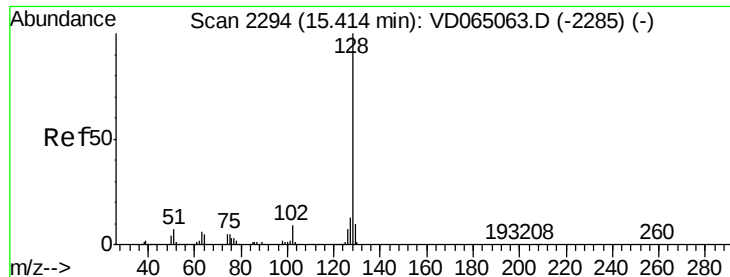
MMDadoda
 2/11/2020 6:09:29 PM



#94
 Hexachlorobutadiene
 Concen: 20.443 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VD065126.D
 Acq: 10 Feb 2020 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	68742		
223	64.8	31.4	94.0	
227	64.8	31.8	95.3	





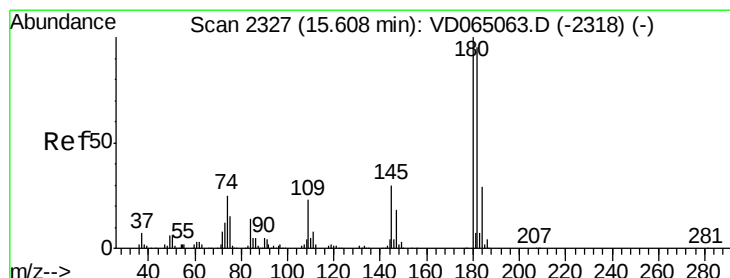
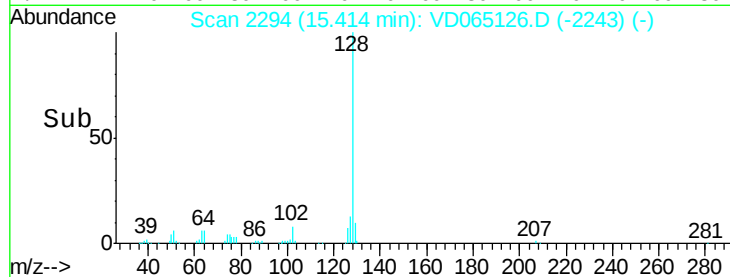
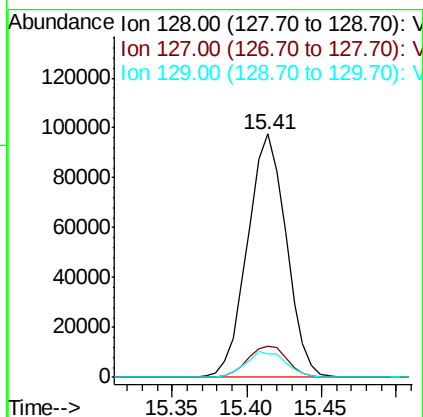
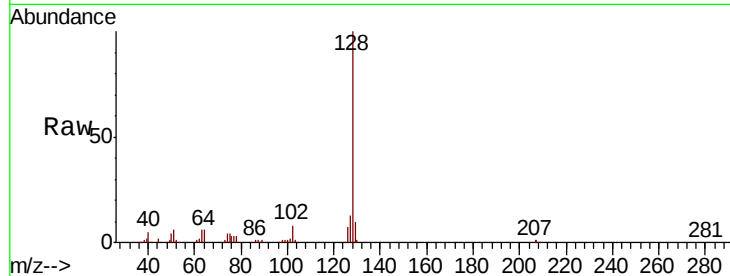
#95
Naphthalene
Concen: 19.306 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VD065126.D
Acq: 10 Feb 2020 11:59

Instrument :
MSVOA_D
ClientSampleId :
VD0210SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	175482		
127	13.3	10.6	15.8	
129	10.9	8.7	13.1	

Manual Integrations
APPROVED

MMDadoda
2/11/2020 6:09:29 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.773 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. -0.00 min
Lab File: VD065126.D
Acq: 10 Feb 2020 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	97173		
182	96.1	47.1	141.4	
145	30.8	14.9	44.9	

