

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070720\
 Data File : VD065928.D
 Acq On : 07 Jul 2020 18:38
 Operator : VA/SY
 Sample : VD0707SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0707SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/8/2020 12:05:23 PM

Quant Time: Jul 08 10:03:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 09:45:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	407023	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	632254	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	585284	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	292020	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	181660	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
35) Dibromofluoromethane	7.92	113	189960	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
50) Toluene-d8	10.34	98	694356	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
62) 4-Bromofluorobenzene	12.63	95	247575	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	79588	21.995	ug/l	93
3) Chloromethane	2.21	50	77391	21.575	ug/l	97
4) Vinyl Chloride	2.35	62	67182	20.398	ug/l	97
5) Bromomethane	2.76	94	41796	20.034	ug/l	97
6) Chloroethane	2.92	64	39302	19.962	ug/l	91
7) Trichlorofluoromethane	3.27	101	146719	20.785	ug/l	96
8) Diethyl Ether	3.71	74	42705	22.052	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	84430	19.996	ug/l	99
10) Methyl Iodide	4.30	142	81190	19.851	ug/l	98
11) Tert butyl alcohol	5.21	59	33350	136.583	ug/l #	71
12) 1,1-Dichloroethene	4.07	96	81785	20.733	ug/l	99
13) Acrolein	3.93	56	24869	123.247	ug/l	95
14) Allyl chloride	4.71	41	137816	20.616	ug/l	99
15) Acrylonitrile	5.42	53	92382	108.954	ug/l	99
16) Acetone	4.16	43	75603	89.432	ug/l	98
17) Carbon Disulfide	4.41	76	261711	20.822	ug/l	99
18) Methyl Acetate	4.73	43	40728	20.553	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	184293	22.068	ug/l	95
20) Methylene Chloride	4.96	84	123479	21.547	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	94071	21.196	ug/l	99
22) Diisopropyl ether	6.36	45	276816	22.035	ug/l	95
23) Vinyl Acetate	6.30	43	772327	107.707	ug/l	99
24) 1,1-Dichloroethane	6.27	63	156473	20.888	ug/l	99
25) 2-Butanone	7.21	43	113807	101.880	ug/l	95
26) 2,2-Dichloropropane	7.21	77	132210	20.175	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	101228	21.228	ug/l	99
28) Bromochloromethane	7.54	49	64089	22.648	ug/l	99
29) Tetrahydrofuran	7.56	42	76350	107.486	ug/l	99
30) Chloroform	7.71	83	159819	21.045	ug/l	99
31) Cyclohexane	7.98	56	151589	20.567	ug/l	90
32) 1,1,1-Trichloroethane	7.91	97	143259	20.671	ug/l	99
36) 1,1-Dichloropropene	8.11	75	125873	20.158	ug/l	99
37) Ethyl Acetate	7.29	43	53033	20.269	ug/l	97
38) Carbon Tetrachloride	8.10	117	131255	19.611	ug/l	97

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Manual Integrations
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 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 09:45:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	152088	19.838	ug/l	97
40) Benzene	8.35	78	361891	20.978	ug/l	95
41) Methacrylonitrile	7.53	41	32123	21.147	ug/l	98
42) 1,2-Dichloroethane	8.43	62	98600	20.176	ug/l	97
43) Isopropyl Acetate	8.45	43	100332	20.602	ug/l	98
44) Trichloroethene	9.11	130	105754	20.864	ug/l	100
45) 1,2-Dichloropropane	9.38	63	91884	21.460	ug/l	98
46) Dibromomethane	9.48	93	46064	20.665	ug/l	98
47) Bromodichloromethane	9.66	83	124588	20.836	ug/l	94
48) Methyl methacrylate	9.46	41	52497	21.412	ug/l	97
49) 1,4-Dioxane	9.46	88	11136	420.440	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	260421	105.769	ug/l	100
52) Toluene	10.40	92	233308	21.258	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	116535	20.727	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	142564	20.985	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	65182	21.223	ug/l	99
56) Ethyl methacrylate	10.66	69	80308	21.408	ug/l	99
57) 1,3-Dichloropropane	10.95	76	110275	20.531	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	198178	109.085	ug/l	100
59) 2-Hexanone	10.98	43	176582	104.282	ug/l	98
60) Dibromochloromethane	11.14	129	87088	20.754	ug/l	99
61) 1,2-Dibromoethane	11.25	107	62617	20.448	ug/l	98
64) Tetrachloroethene	10.88	164	88462	20.784	ug/l	95
65) Chlorobenzene	11.67	112	247319	20.969	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	91431	20.726	ug/l	100
67) Ethyl Benzene	11.75	91	432222	20.628	ug/l	100
68) m/p-Xylenes	11.86	106	332967	41.826	ug/l	99
69) o-Xylene	12.18	106	153192	21.125	ug/l	99
70) Styrene	12.20	104	266964	21.326	ug/l	99
71) Bromoform	12.36	173	51362	20.576	ug/l #	97
73) Isopropylbenzene	12.48	105	413008	20.265	ug/l	99
74) N-amyl acetate	12.29	43	94500	20.664	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	69811	20.633	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	47881m	19.546	ug/l	
77) Bromobenzene	12.76	156	102187	20.673	ug/l	98
78) n-propylbenzene	12.83	91	491090	20.553	ug/l	100
79) 2-Chlorotoluene	12.91	91	275497	20.324	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	343127	20.584	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	22351	19.605	ug/l	97
82) 4-Chlorotoluene	13.01	91	293022	20.604	ug/l	99
83) tert-Butylbenzene	13.23	119	292816	20.618	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	341741	20.595	ug/l	100
85) sec-Butylbenzene	13.40	105	407288	20.236	ug/l	100
86) p-Isopropyltoluene	13.52	119	378522	20.562	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	192908	20.856	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	189065	20.489	ug/l	99
89) n-Butylbenzene	13.84	91	349468	20.215	ug/l	99
90) Hexachloroethane	14.11	117	74016	19.938	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	166005	20.534	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11196	19.789	ug/l	96

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ClientSampleId :
VD0707SBS01

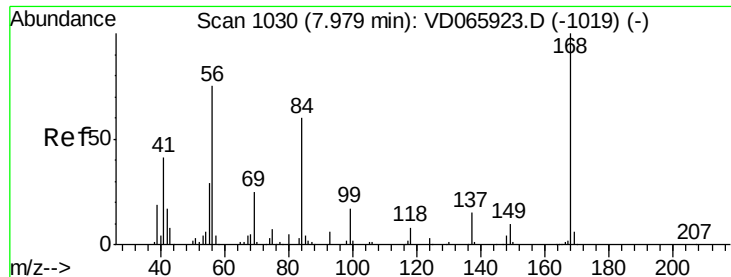
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 08 09:45:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	119082	20.668	ug/l	97
94) Hexachlorobutadiene	15.27	225	68981	19.792	ug/l	99
95) Naphthalene	15.40	128	194122	20.089	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	104480	21.023	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. -0.00 min

Lab File: VD065928.D

Acq: 07 Jul 2020 18:38

Instrument :

MSVOA_D

ClientSampleId :

VD0707SBS01

Tot Ion:168 Resp: 407023

Ion Ratio Lower Upper

168 100

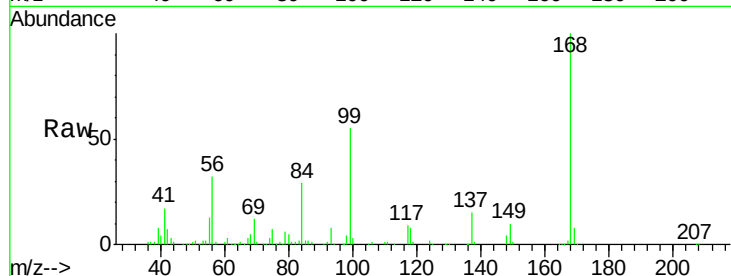
99 54.6 43.1 64.7

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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

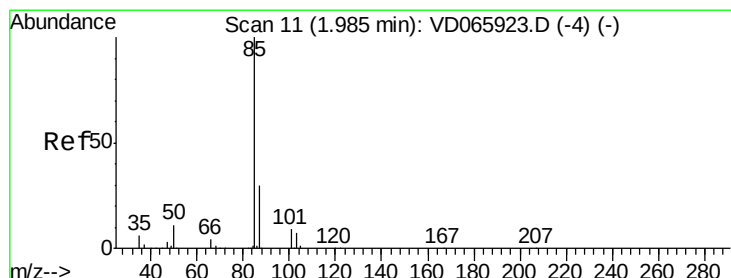
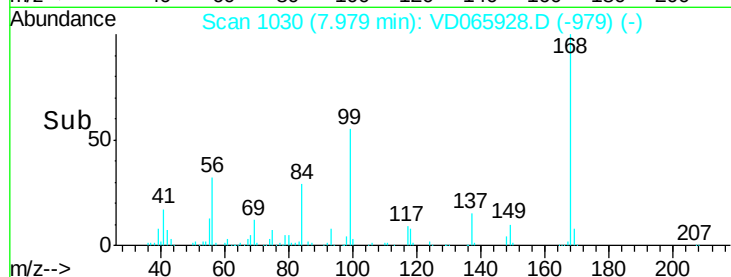
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 21.995 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD065928.D

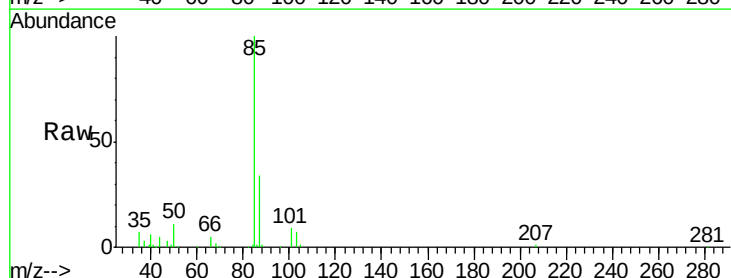
Acq: 07 Jul 2020 18:38

Tgt Ion: 85 Resp: 79588

Ion Ratio Lower Upper

85 100

87 33.9 14.9 44.9



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

60000

50000

40000

30000

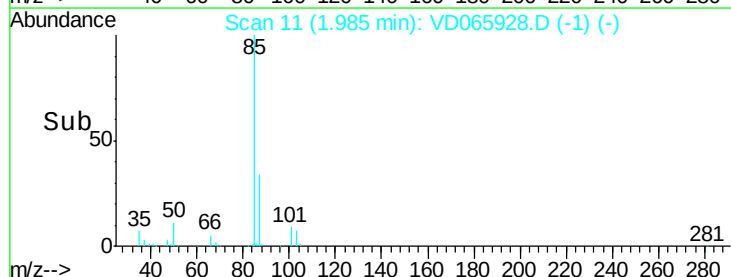
20000

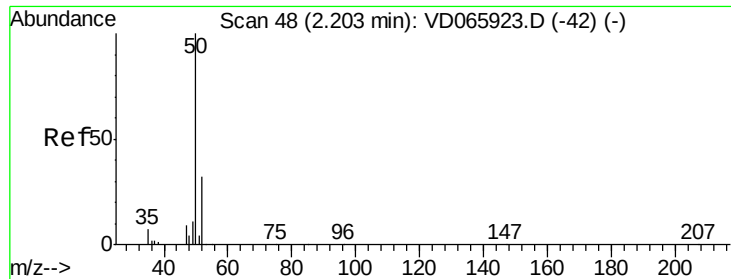
10000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 21.575 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD065928.D

Acq: 07 Jul 2020 18:38

Instrument :

MSVOA_D

ClientSampleId :

VD0707SBS01

Tot Ion: 50 Resp: 77391

Ion Ratio Lower Upper

50 100

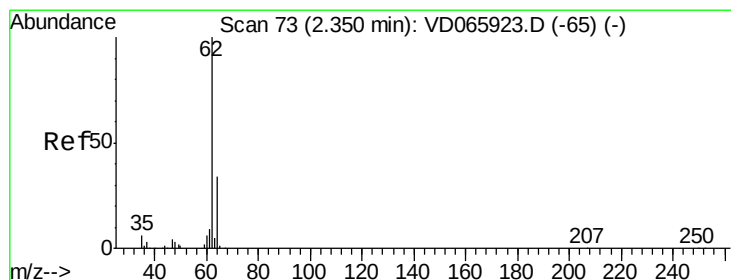
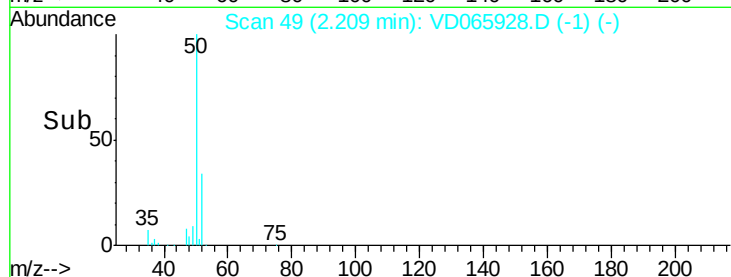
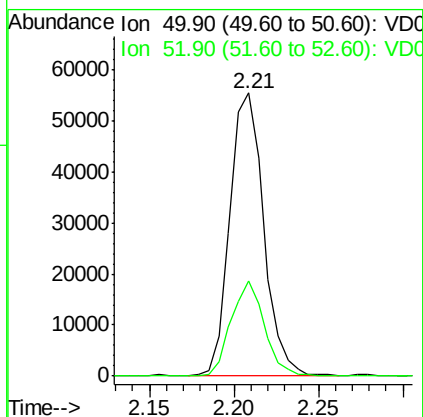
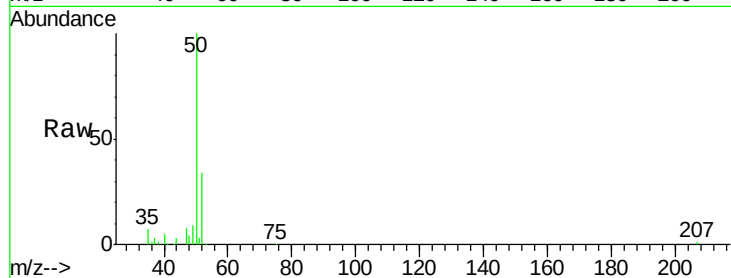
52 33.8 25.6 38.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.398 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065928.D

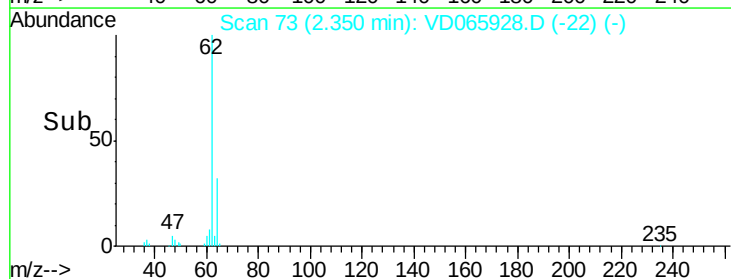
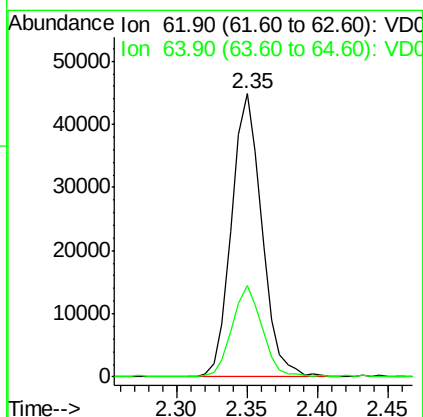
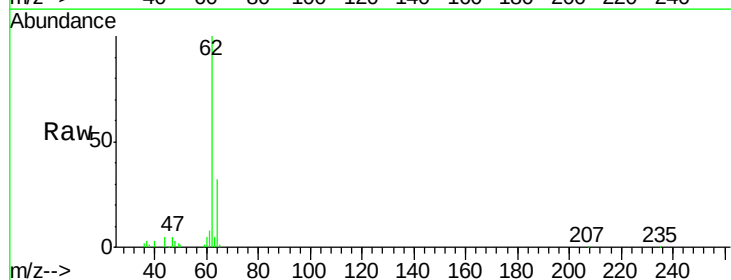
Acq: 07 Jul 2020 18:38

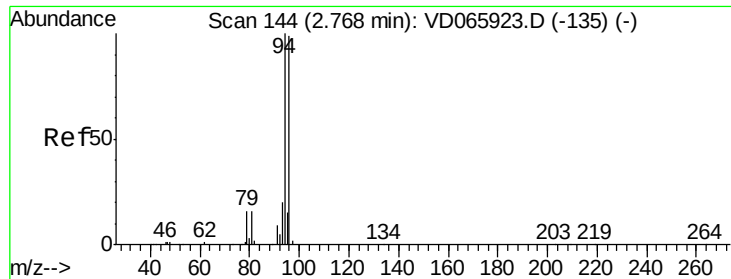
Tgt Ion: 62 Resp: 67182

Ion Ratio Lower Upper

62 100

64 32.3 27.2 40.8





#5

Bromomethane

Concen: 20.034 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD065928.D

Acq: 07 Jul 2020 18:38

Instrument :

MSVOA_D

ClientSampleId :

VD0707SBS01

Tot Ion: 94 Resp: 41796

Ion Ratio Lower Upper

94 100

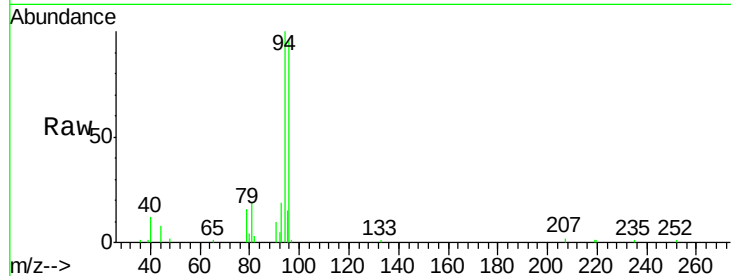
96 95.6 78.8 118.2

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

20000

15000

10000

5000

0

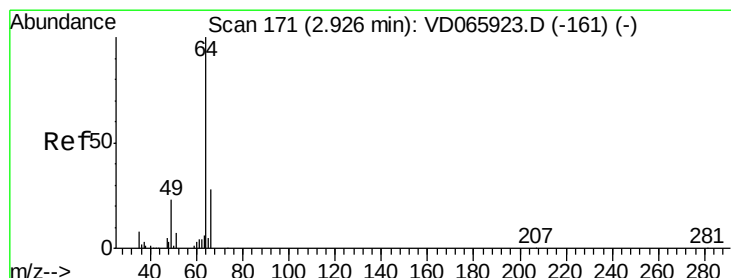
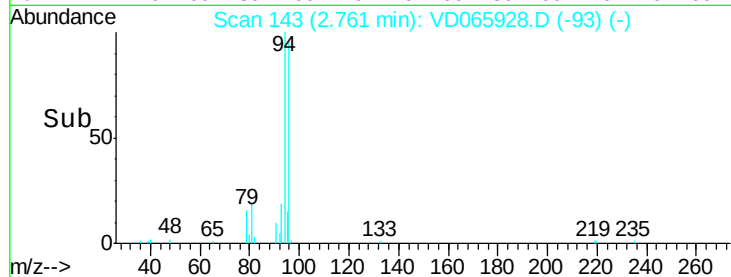
2.76

2.75

2.80

2.85

Time-->



#6

Chloroethane

Concen: 19.962 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD065928.D

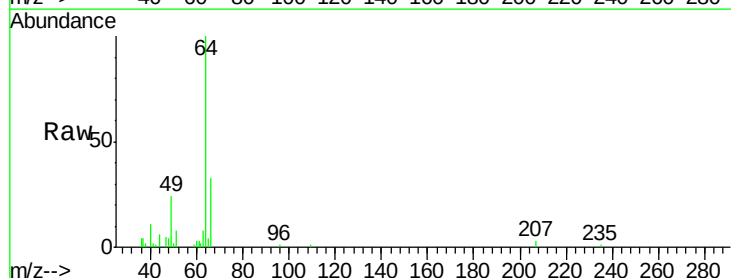
Acq: 07 Jul 2020 18:38

Tgt Ion: 64 Resp: 39302

Ion Ratio Lower Upper

64 100

66 32.7 22.6 33.8



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

20000

15000

10000

5000

0

2.92

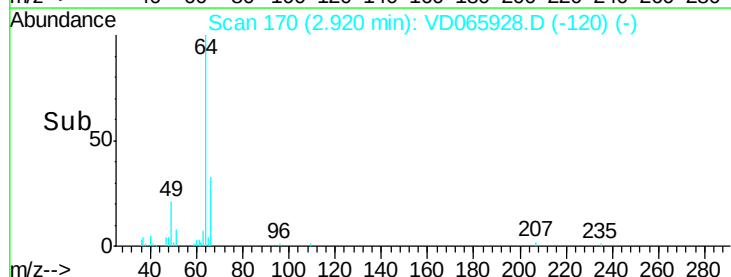
2.85

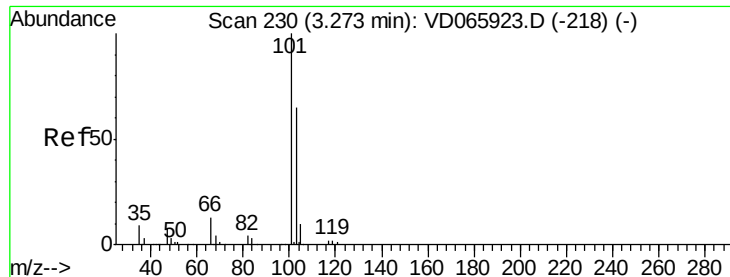
2.90

2.95

3.00

Time-->





#7

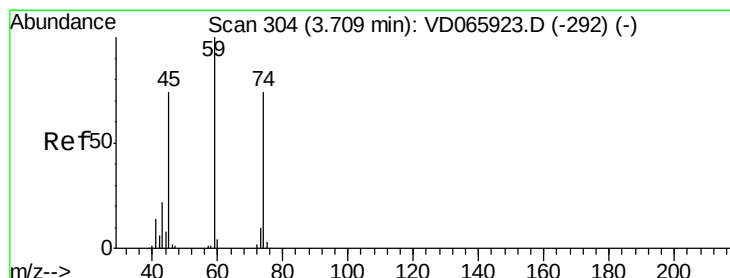
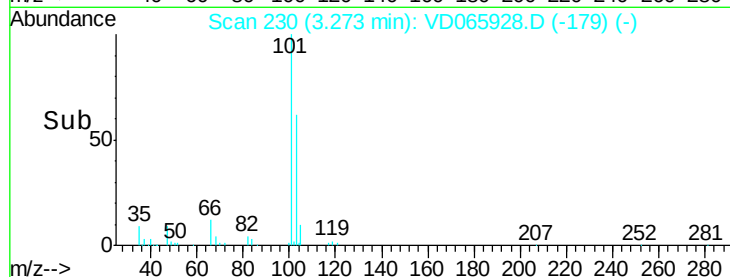
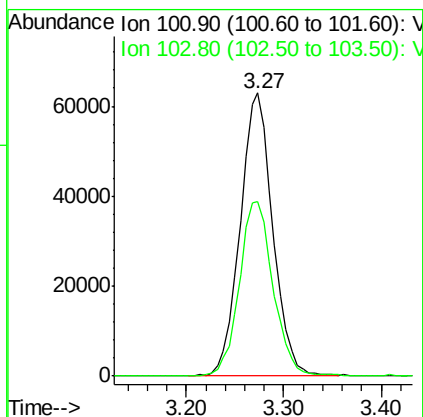
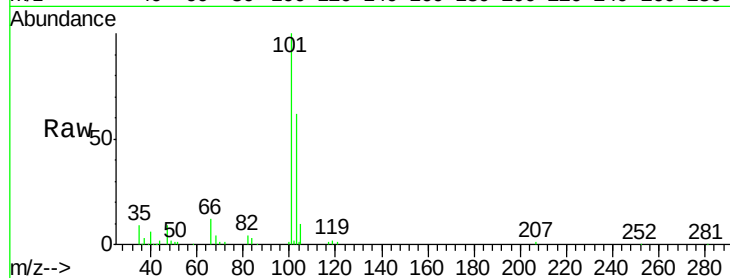
Trichlorofluoromethane
 Concen: 20.785 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD065928.D
 Acq: 07 Jul 2020 18:38

Instrument :
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 ClientSampleId :
 VD0707SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.6	51.7	77.5

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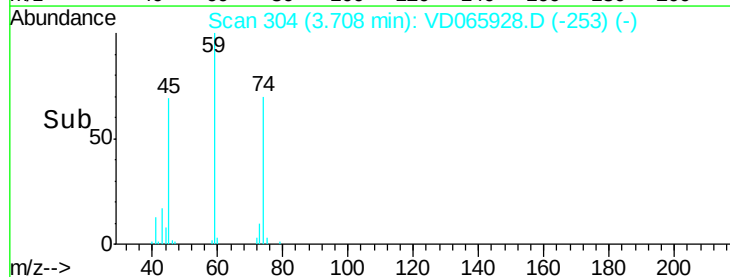
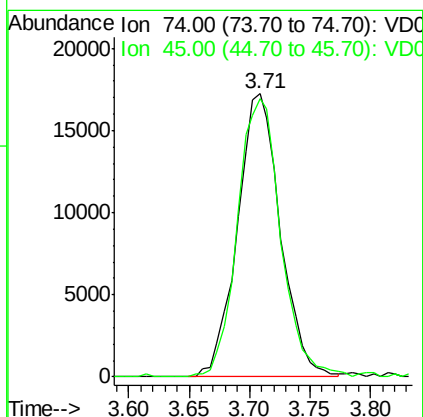
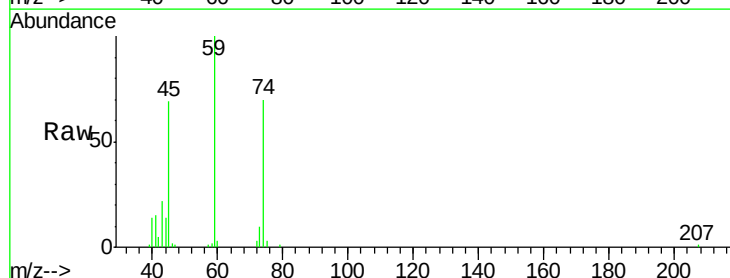
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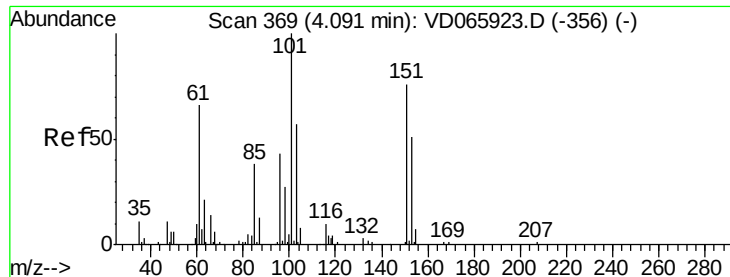


#8

Diethyl Ether
 Concen: 22.052 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD065928.D
 Acq: 07 Jul 2020 18:38

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.9	51.1	153.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.996 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.00 min

Lab File: VD065928.D

Acq: 07 Jul 2020 18:38

Instrument :

MSVOA_D

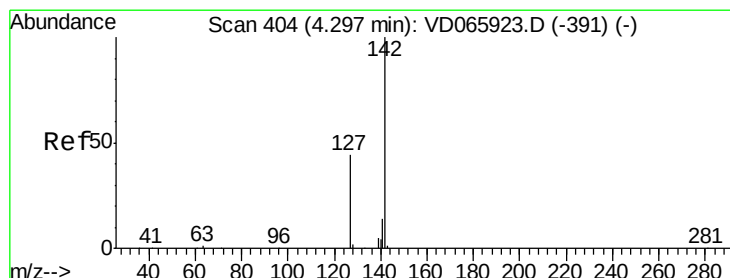
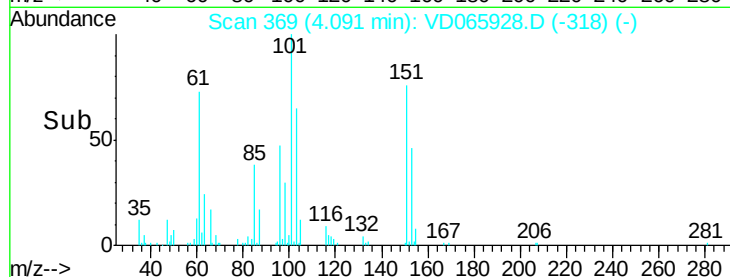
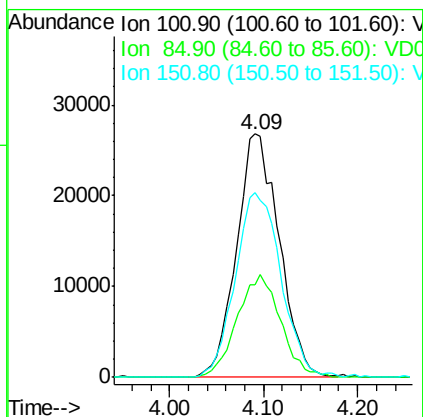
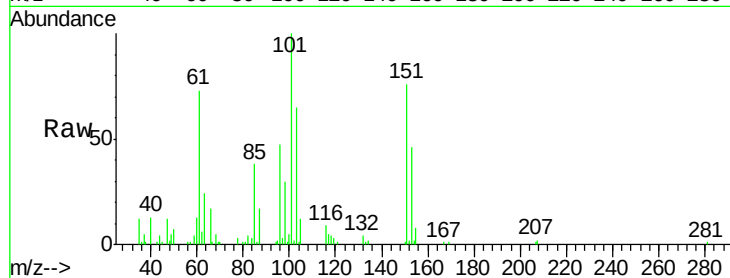
ClientSampleId :

VD0707SBS01

Tot Ion:	101	Resp:	84430
Ion Ratio	Lower	Upper	
101	100		
85	43.2	33.8	50.8
151	81.2	64.1	96.1

Manual Integrations
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#10

Methyl Iodide

Concen: 19.851 ug/l

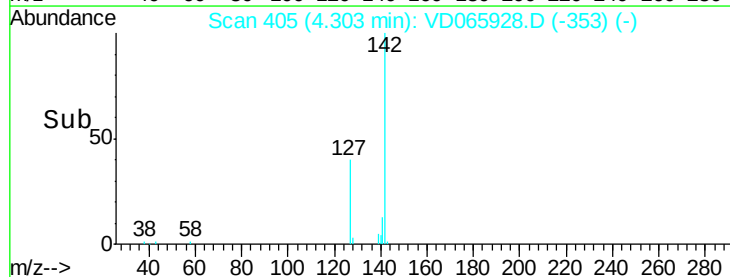
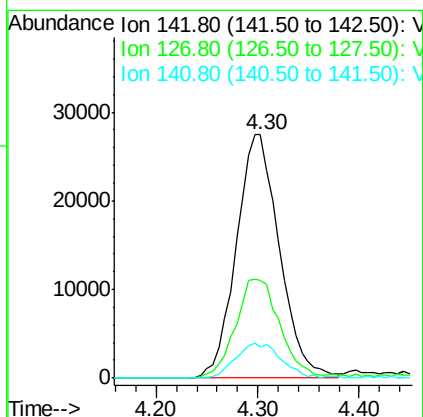
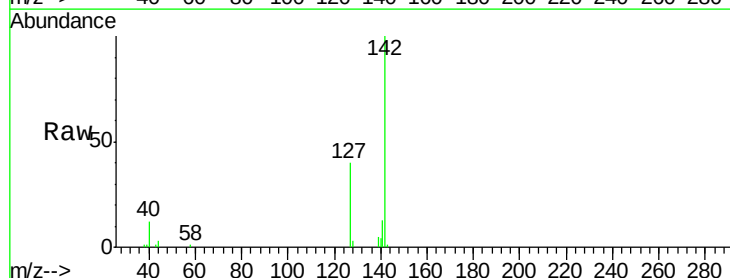
RT: 4.30 min Scan# 405

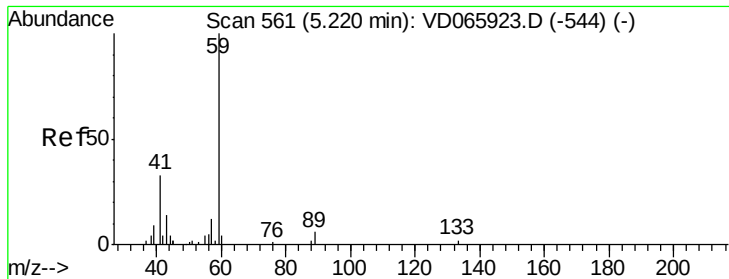
Delta R.T. 0.01 min

Lab File: VD065928.D

Acq: 07 Jul 2020 18:38

Tgt Ion:	142	Resp:	81190
Ion Ratio	Lower	Upper	
142	100		
127	41.8	34.6	51.8
141	15.0	11.6	17.4





#11

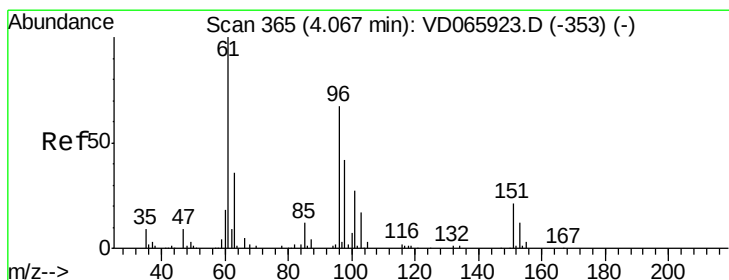
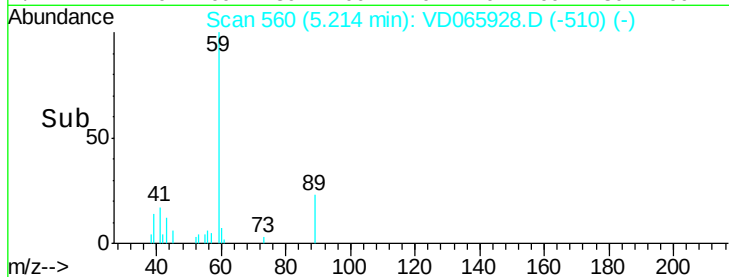
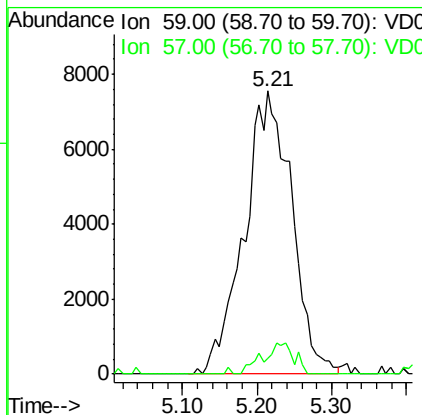
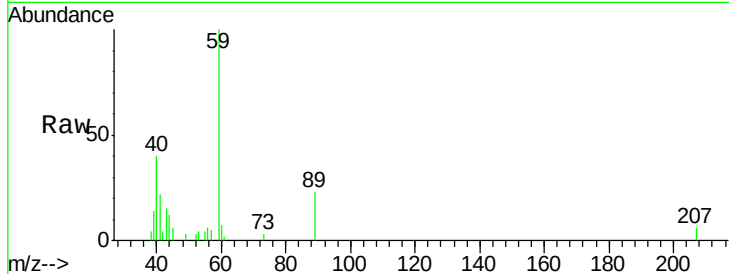
Tert butyl alcohol
 Concen: 136.583 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD065928.D
 Acq: 07 Jul 2020 18:38

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0707SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.7	13.1#

Manual Integrations
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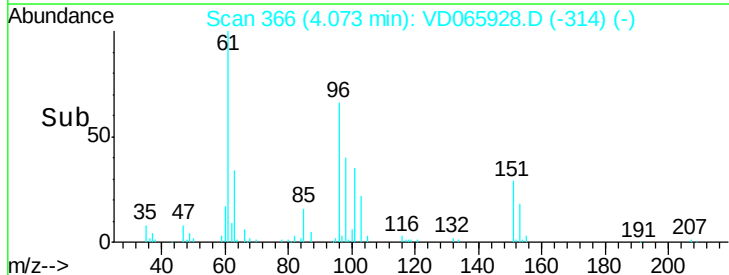
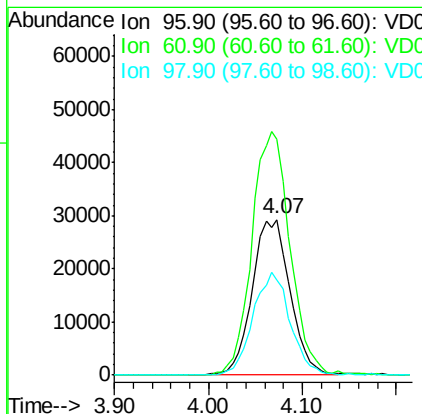
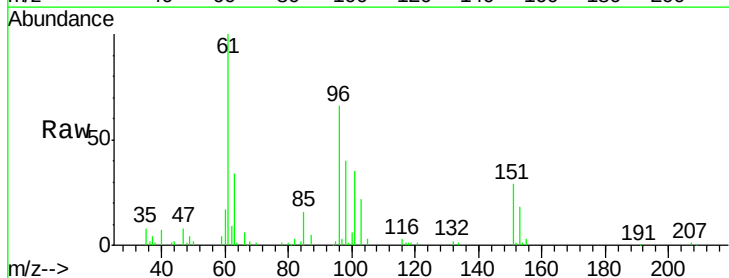
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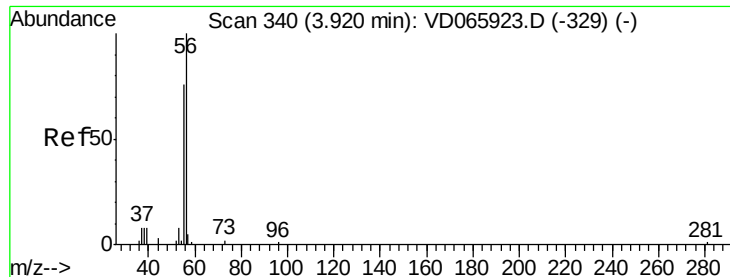


#12

1,1-Dichloroethene
 Concen: 20.733 ug/l
 RT: 4.07 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: VD065928.D
 Acq: 07 Jul 2020 18:38

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.4	120.2	180.2
98	61.3	50.6	76.0





#13

Acrolein

Concen: 123.247 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD065928.D

Acq: 07 Jul 2020 18:38

Instrument :

MSVOA_D

ClientSampleId :

VD0707SBS01

Tot Ion: 56 Resp: 24869

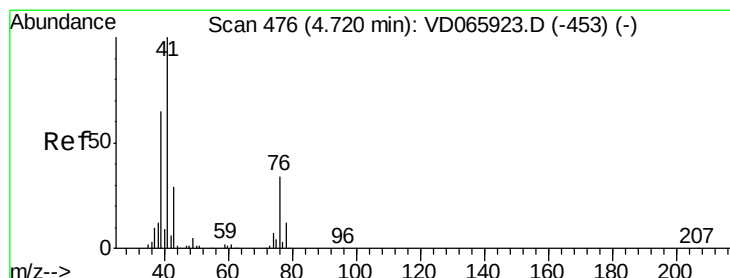
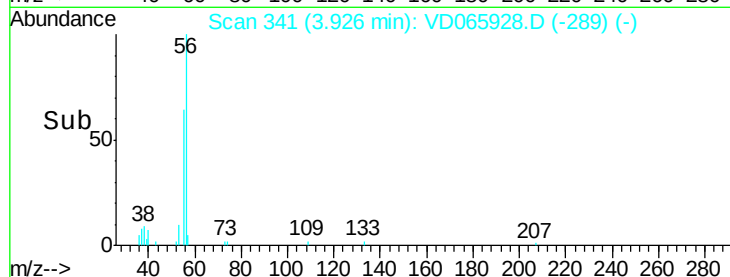
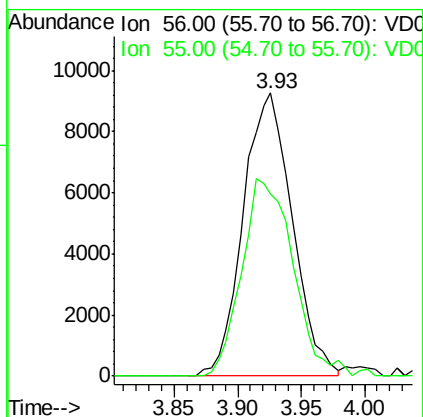
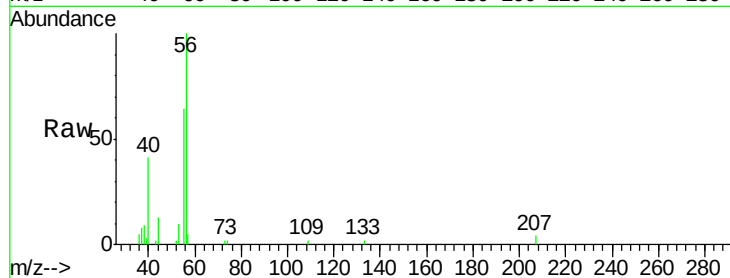
Ion Ratio Lower Upper

56 100

55 72.9 55.0 82.6

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#14

Allyl chloride

Concen: 20.616 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD065928.D

Acq: 07 Jul 2020 18:38

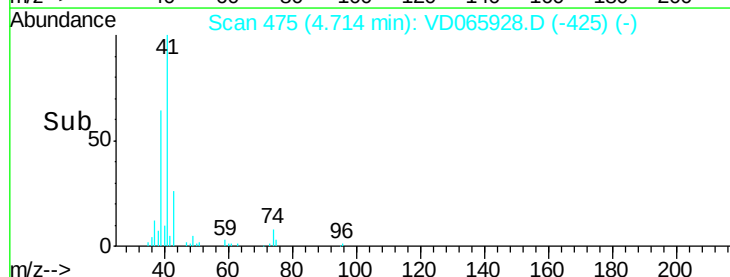
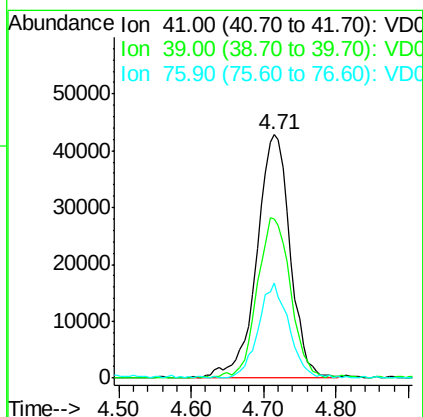
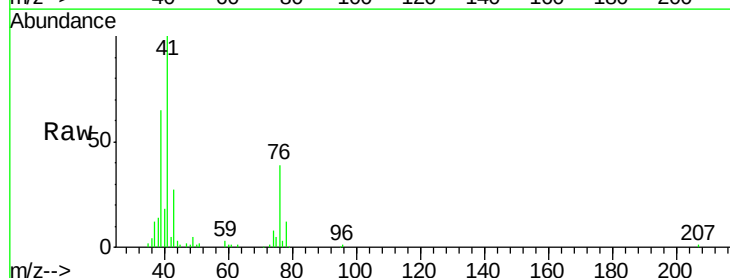
Tgt Ion: 41 Resp: 137816

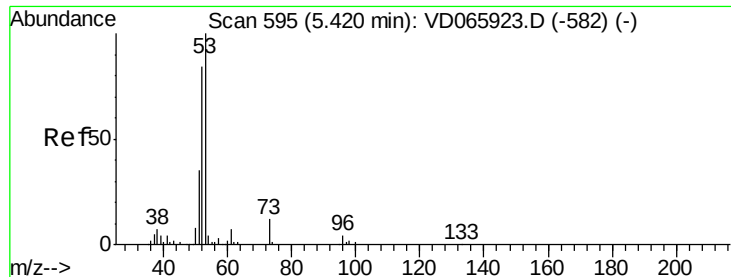
Ion Ratio Lower Upper

41 100

39 65.7 52.2 78.4

76 35.7 28.1 42.1





#15

Acrylonitrile

Concen: 108.954 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD065928.D

Acq: 07 Jul 2020 18:38

Instrument :

MSVOA_D

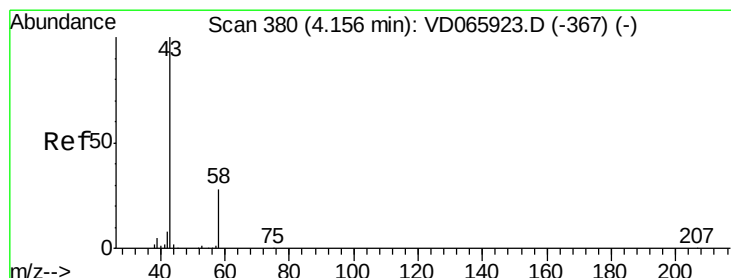
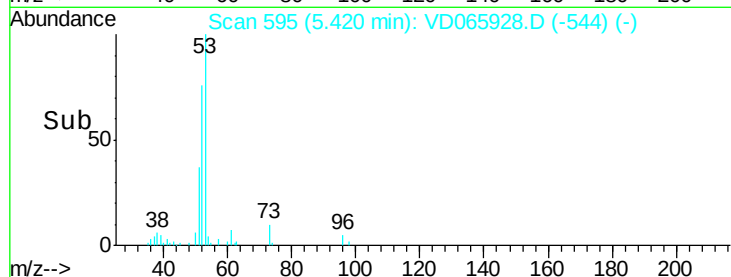
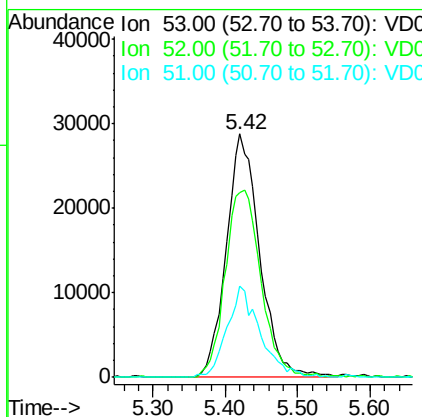
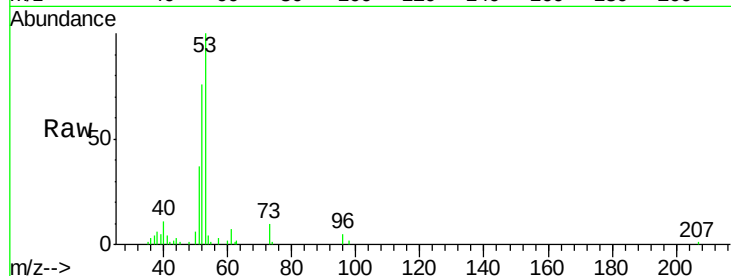
ClientSampleId :

VD0707SBS01

Tot Ion:	53	Resp:	92382
Ion Ratio	Lower	Upper	
53	100		
52	81.6	66.3	99.5
51	37.1	29.8	44.8

Manual Integrations
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#16

Acetone

Concen: 89.432 ug/l

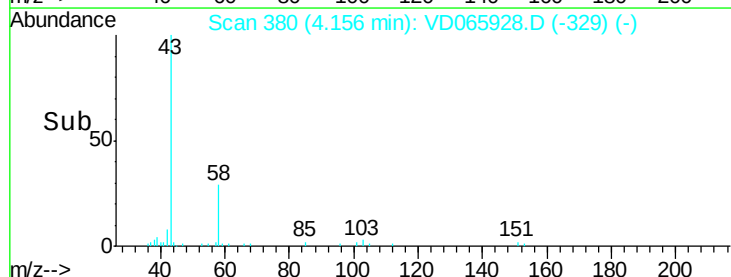
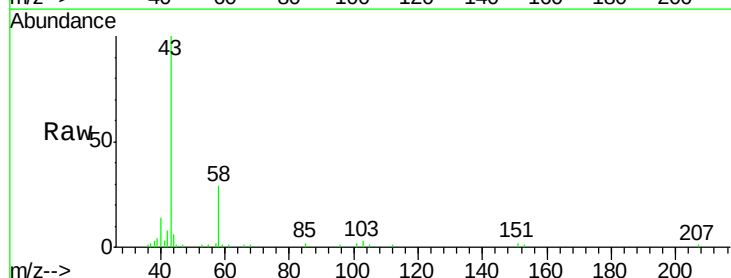
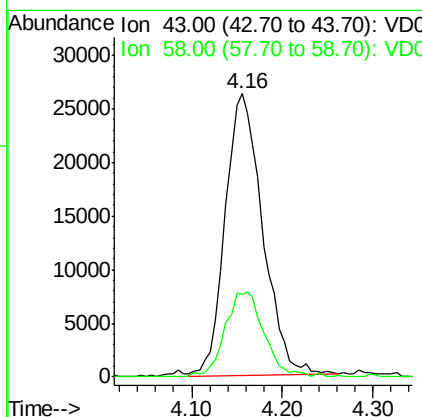
RT: 4.16 min Scan# 380

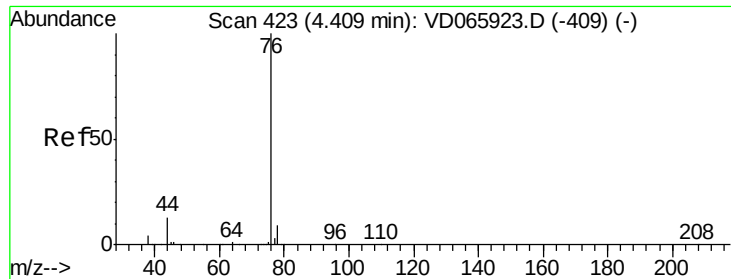
Delta R.T. -0.00 min

Lab File: VD065928.D

Acq: 07 Jul 2020 18:38

Tgt Ion:	43	Resp:	75603
Ion Ratio	Lower	Upper	
43	100		
58	29.4	22.7	34.1





#17

Carbon Disulfide

Concen: 20.822 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD065928.D

Acq: 07 Jul 2020 18:38

Instrument :

MSVOA_D

ClientSampleId :

VD0707SBS01

Tot Ion: 76 Resp: 261711

Ion Ratio Lower Upper

76 100

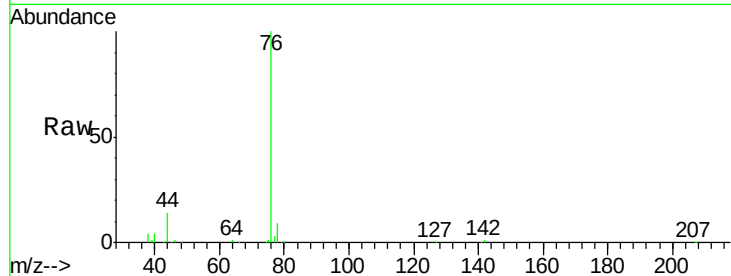
78 9.2 7.5 11.3

Manual Integrations

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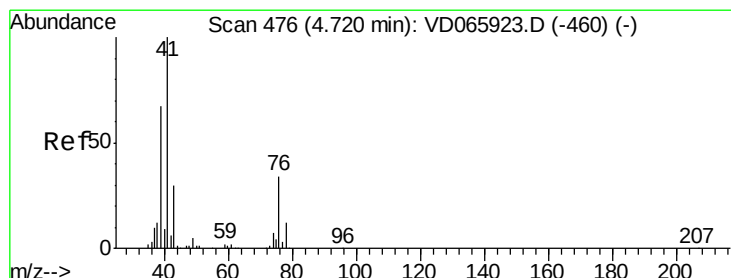
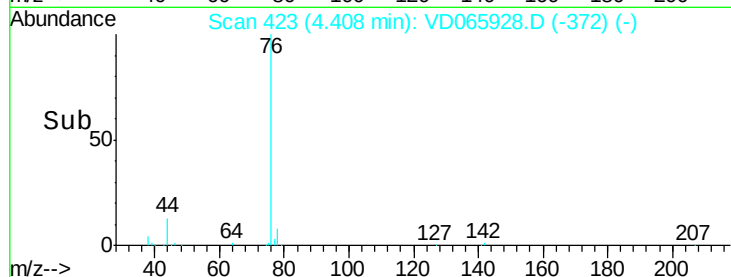
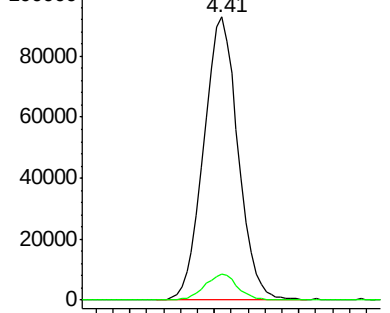
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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 20.553 ug/l

RT: 4.73 min Scan# 477

Delta R.T. 0.01 min

Lab File: VD065928.D

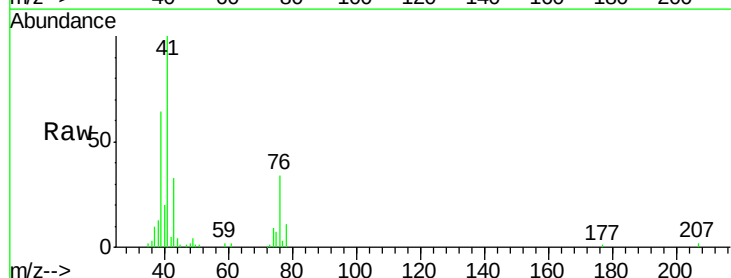
Acq: 07 Jul 2020 18:38

Tgt Ion: 43 Resp: 40728

Ion Ratio Lower Upper

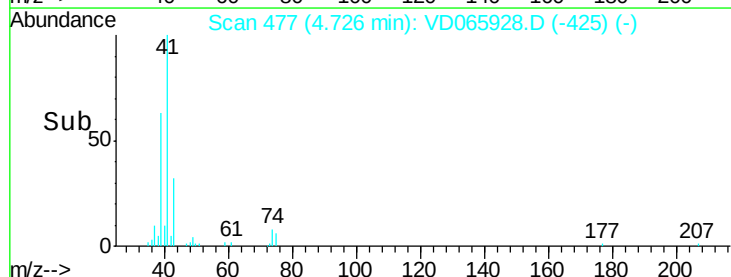
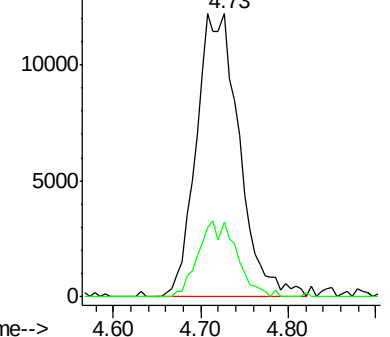
43 100

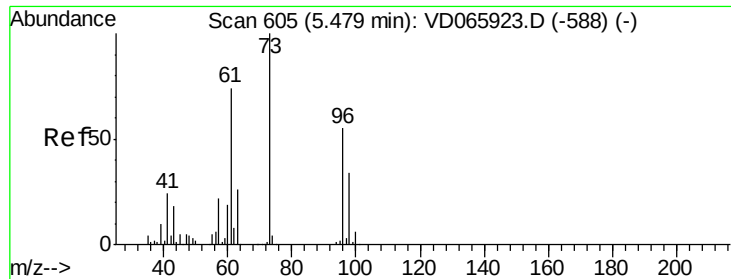
74 23.8 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





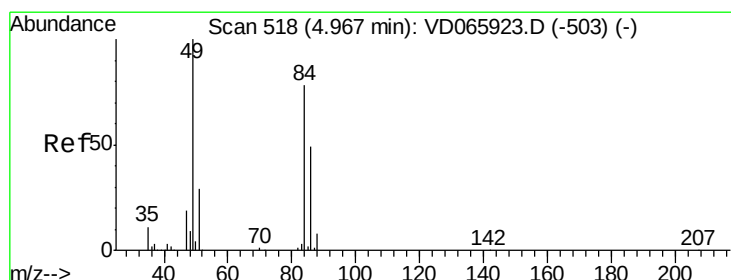
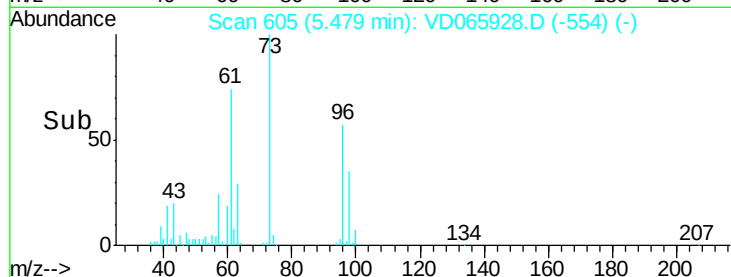
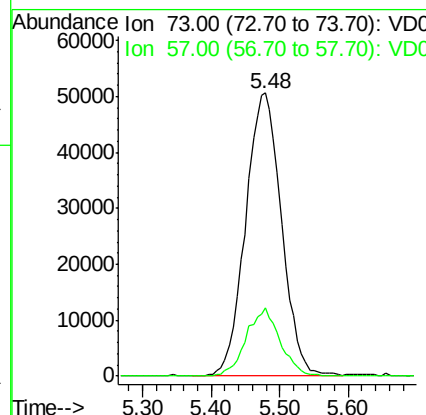
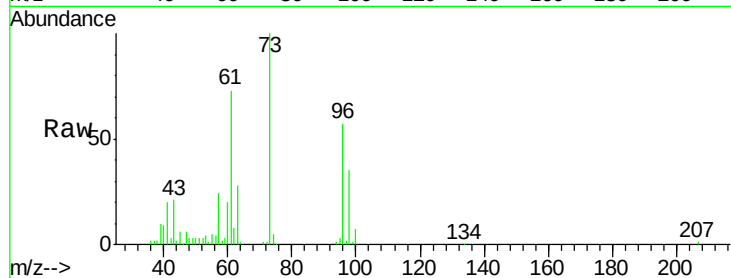
#19
Methyl tert-butyl Ether
Concen: 22.068 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD065928.D
Acq: 07 Jul 2020 18:38

Instrument :
MSVOA_D
ClientSampleId :
VD0707SBS01

Tot Ion: 73 Resp: 184293
Ion Ratio Lower Upper
73 100
57 24.3 17.7 26.5

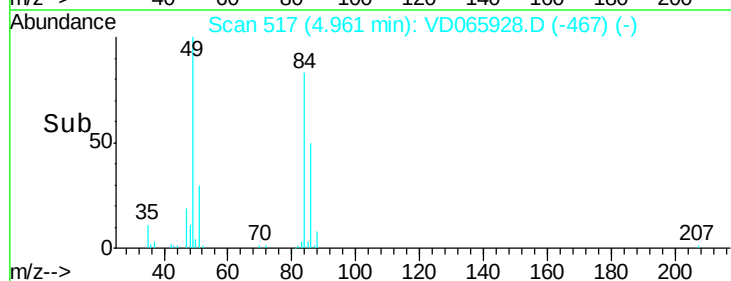
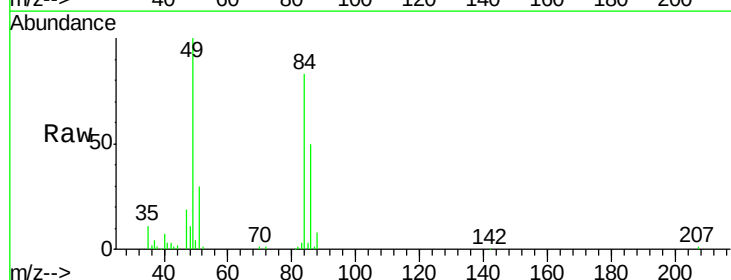
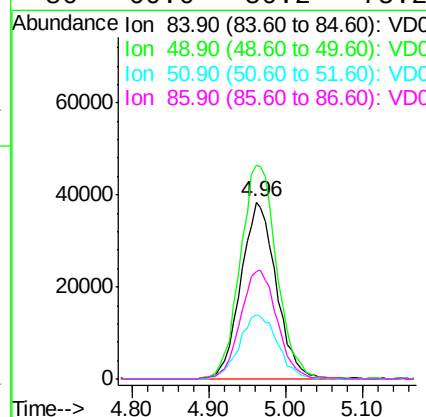
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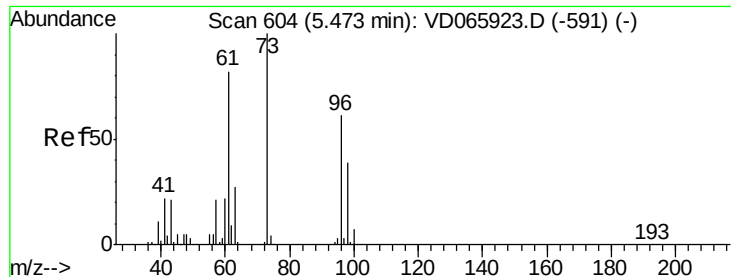
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#20
Methylene Chloride
Concen: 21.547 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065928.D
Acq: 07 Jul 2020 18:38

Tgt Ion: 84 Resp: 123479
Ion Ratio Lower Upper
84 100
49 120.9 102.2 153.2
51 36.4 29.8 44.6
86 60.6 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 21.196 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD065928.D

Acq: 07 Jul 2020 18:38

Instrument :

MSVOA_D

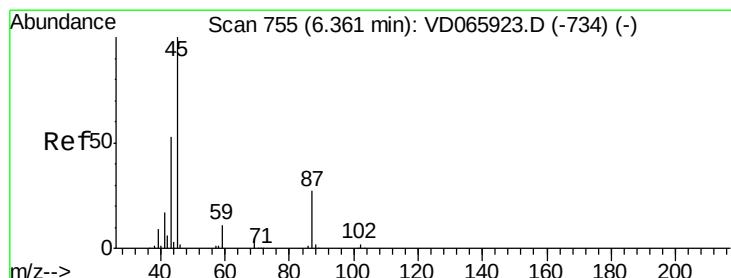
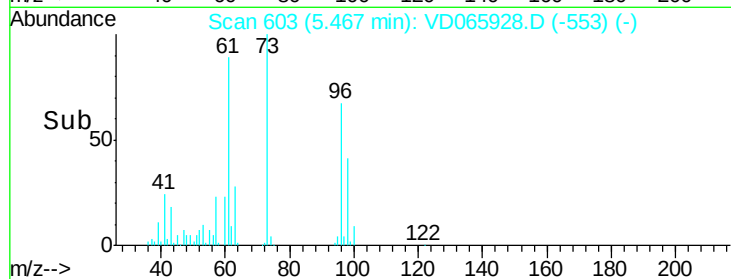
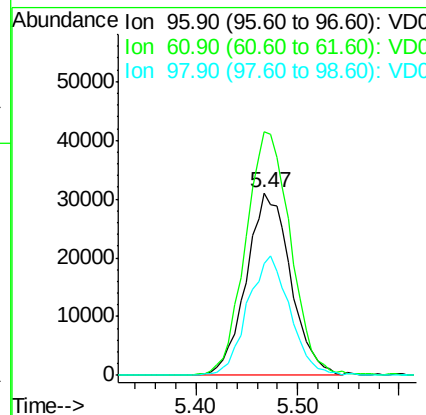
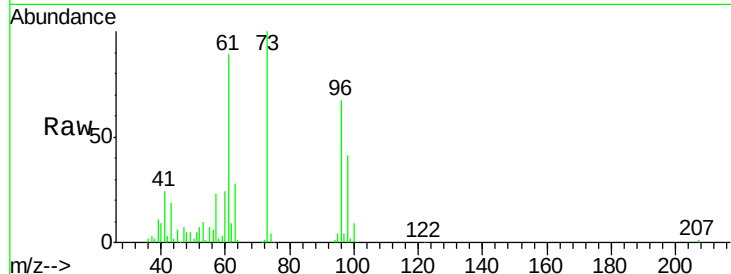
ClientSampleId :

VD0707SBS01

Tot Ion:	96	Resp:	94071
Ion	Ratio	Lower	Upper
96	100		
61	133.3	106.6	160.0
98	61.4	51.0	76.6

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#22

Diisopropyl ether

Concen: 22.035 ug/l

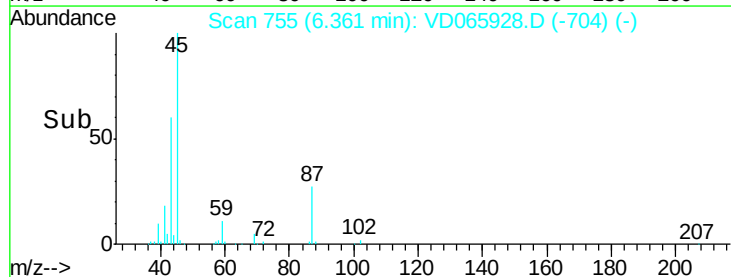
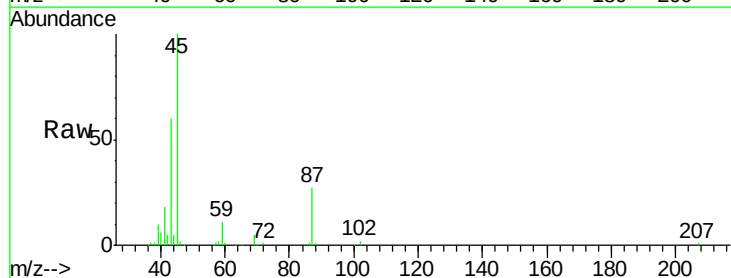
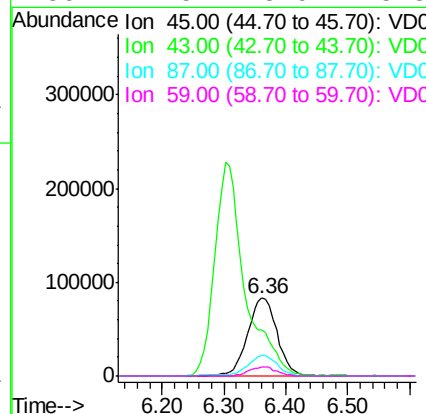
RT: 6.36 min Scan# 755

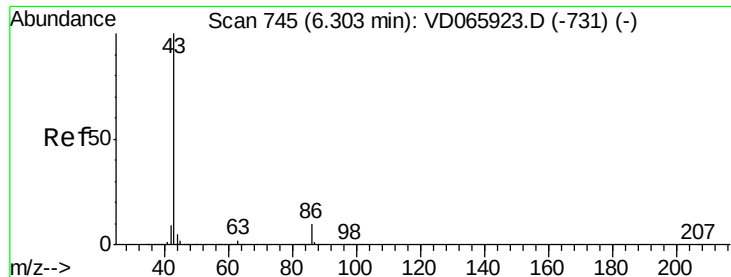
Delta R.T. -0.00 min

Lab File: VD065928.D

Acq: 07 Jul 2020 18:38

Tgt Ion:	45	Resp:	276816
Ion	Ratio	Lower	Upper
45	100		
43	58.6	42.5	63.7
87	26.9	22.2	33.2
59	11.5	8.9	13.3





#23

Vinyl Acetate

Concen: 107.707 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD065928.D

Acq: 07 Jul 2020 18:38

Instrument :

MSVOA_D

ClientSampleId :

VD0707SBS01

Tot Ion: 43 Resp: 772327

Ion Ratio Lower Upper

43 100

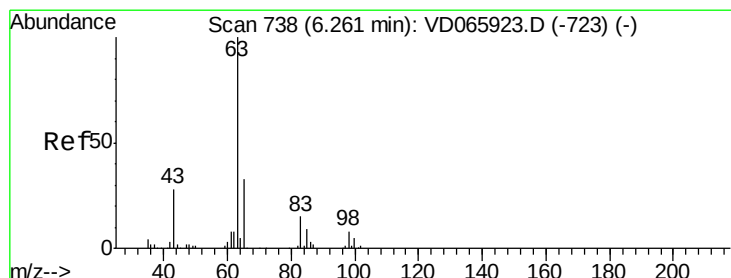
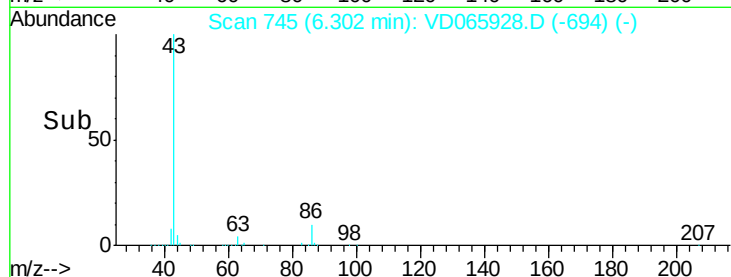
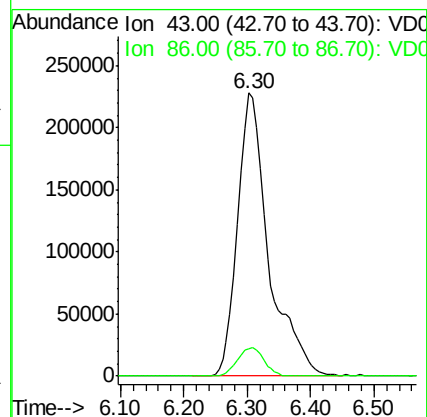
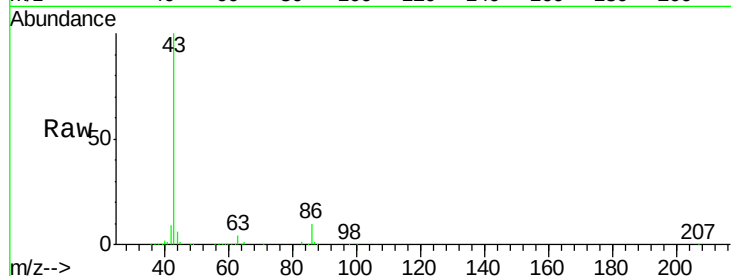
86 9.7 8.1 12.1

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#24

1,1-Dichloroethane

Concen: 20.888 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD065928.D

Acq: 07 Jul 2020 18:38

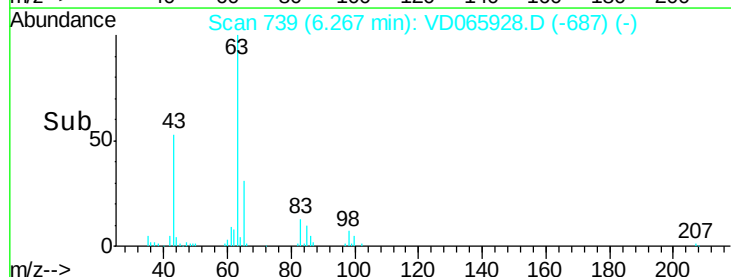
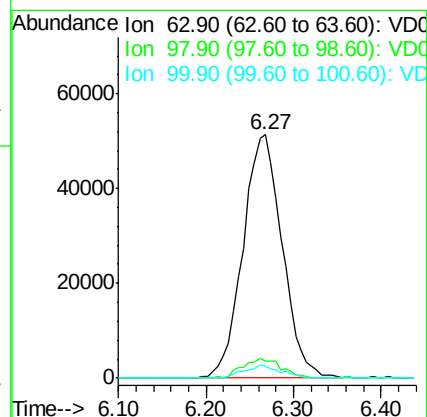
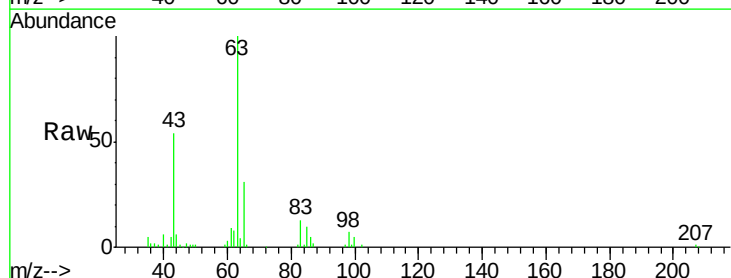
Tgt Ion: 63 Resp: 156473

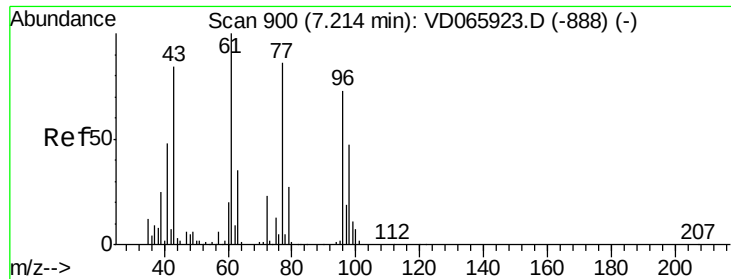
Ion Ratio Lower Upper

63 100

98 7.0 3.8 11.4

100 5.0 2.5 7.5





#25

2-Butanone

Concen: 101.880 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD065928.D

Acq: 07 Jul 2020 18:38

Instrument :

MSVOA_D

ClientSampleId :

VD0707SBS01

Tot Ion: 43 Resp: 113807

Ion Ratio Lower Upper

43 100

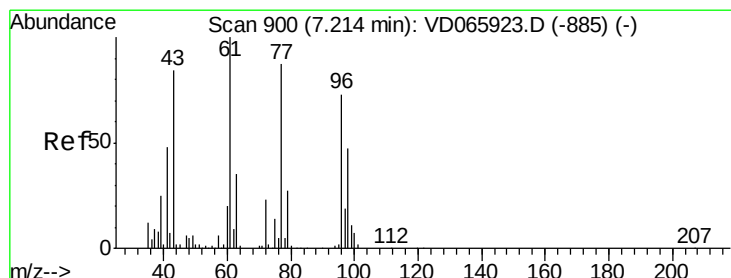
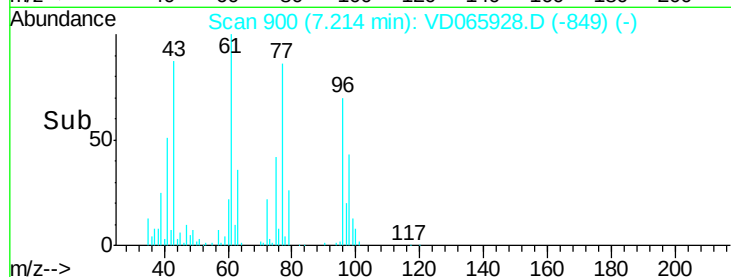
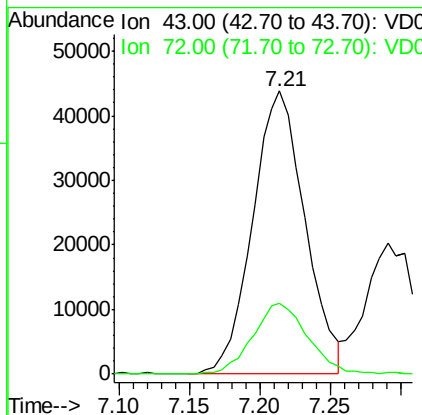
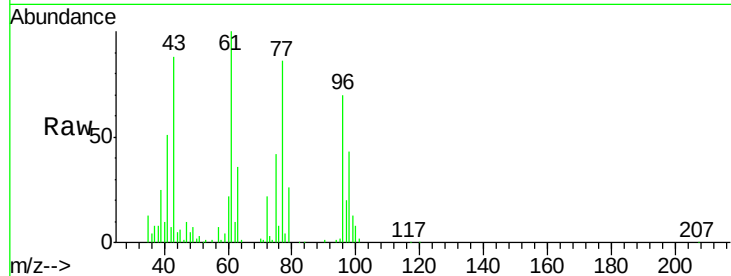
72 25.1 22.1 33.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.175 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065928.D

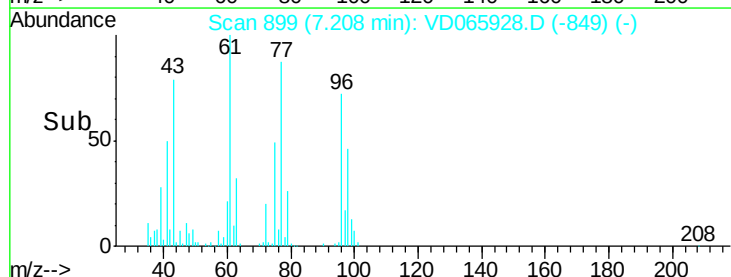
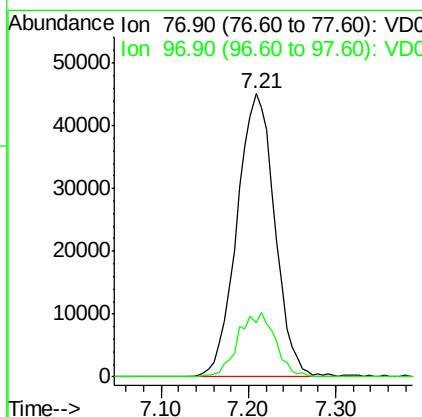
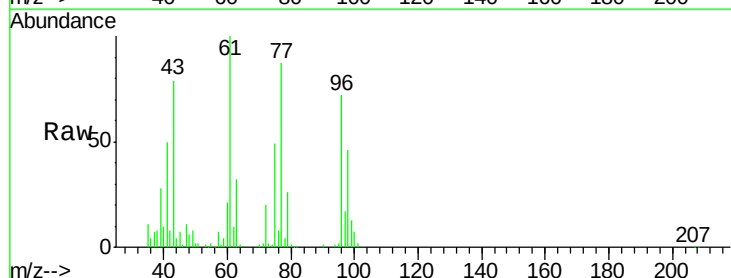
Acq: 07 Jul 2020 18:38

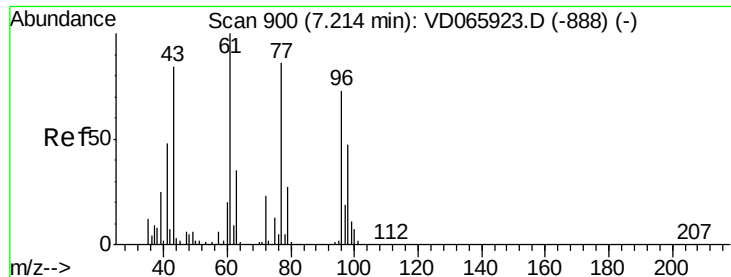
Tgt Ion: 77 Resp: 132210

Ion Ratio Lower Upper

77 100

97 22.2 11.6 34.8





#27

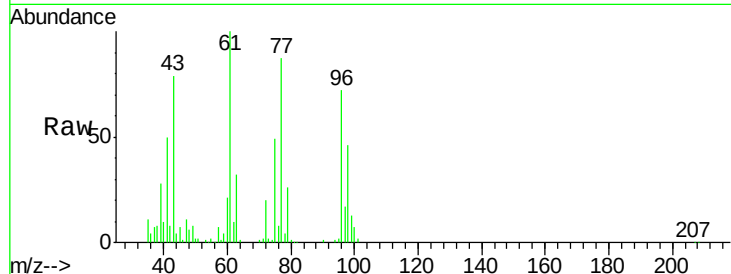
cis-1,2-Dichloroethene
Concen: 21.228 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD065928.D
Acq: 07 Jul 2020 18:38

Instrument :
MSVOA_D
ClientSampleId :
VD0707SBS01

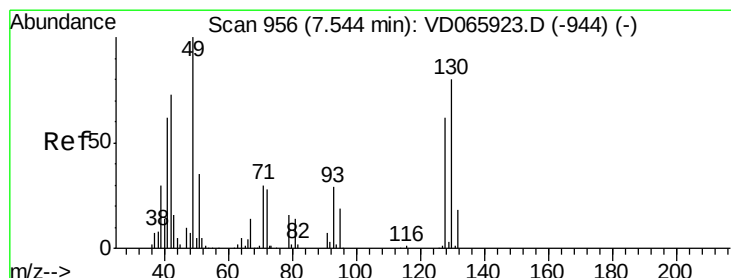
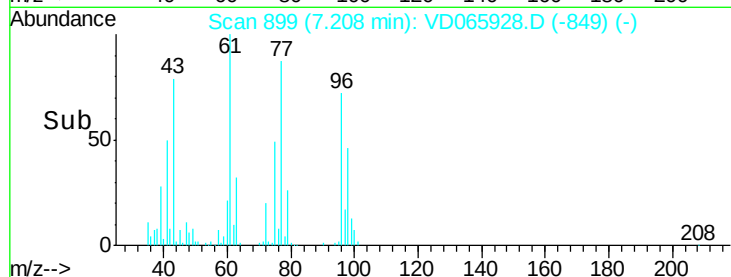
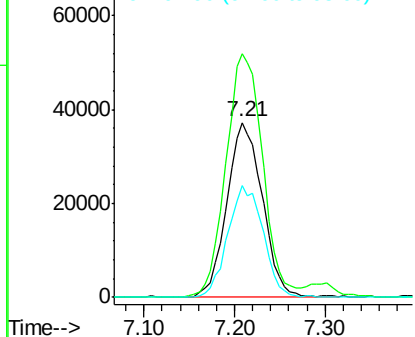
Tot Ion	Ratio	Resp	Lower	Upper
96	100	101228		
61	144.3		0.0	286.6
98	63.5		0.0	128.2

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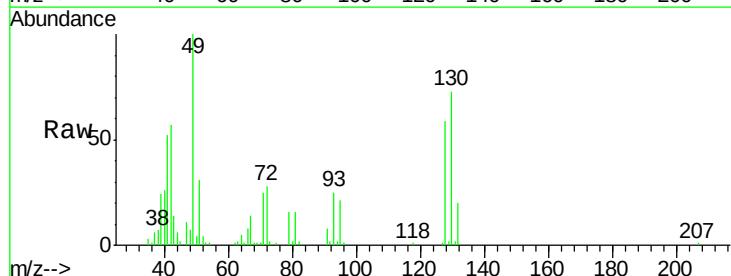
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



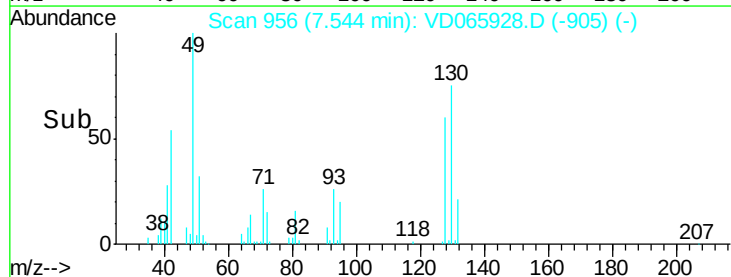
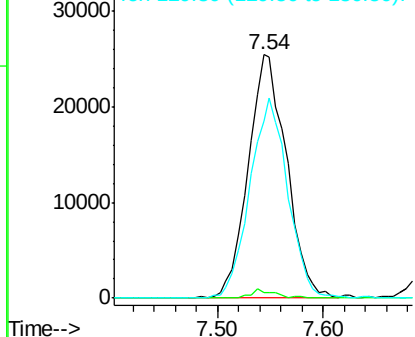
#28

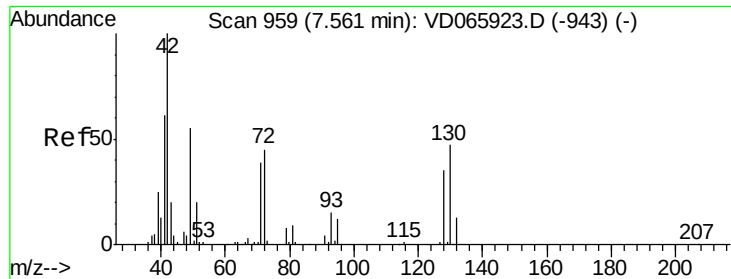
Bromochloromethane
Concen: 22.648 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.00 min
Lab File: VD065928.D
Acq: 07 Jul 2020 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	64089		
129	2.0		0.0	4.8
130	81.1		65.8	98.8



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





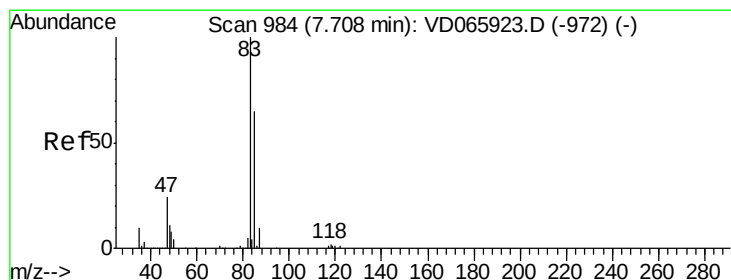
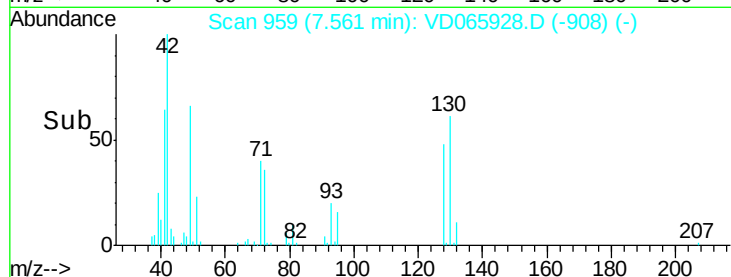
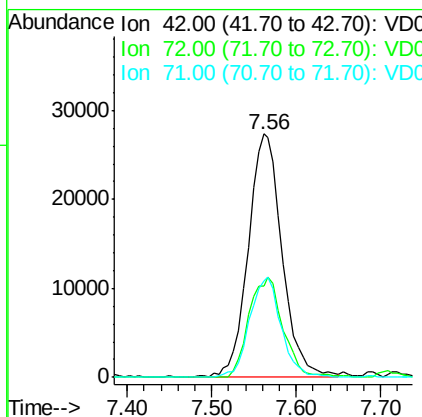
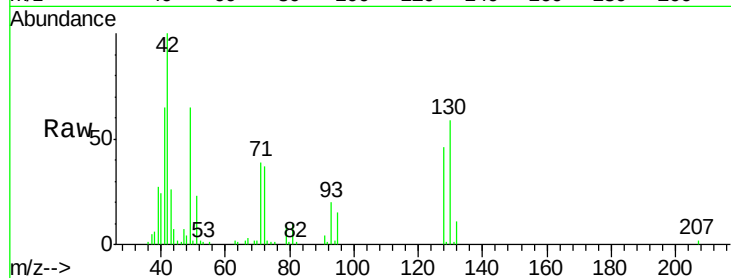
#29
Tetrahydrofuran
Concen: 107.486 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD065928.D
Acq: 07 Jul 2020 18:38

Instrument :
MSVOA_D
ClientSampleId :
VD0707SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.5	32.8	49.2
71	38.4	31.0	46.4

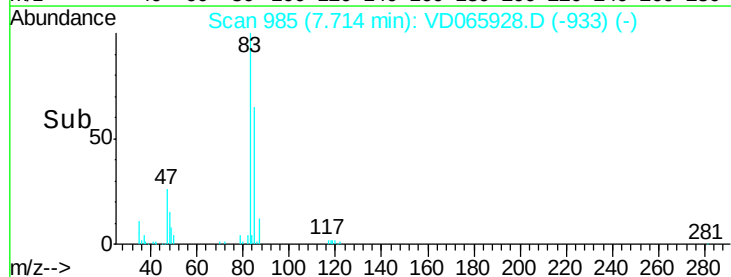
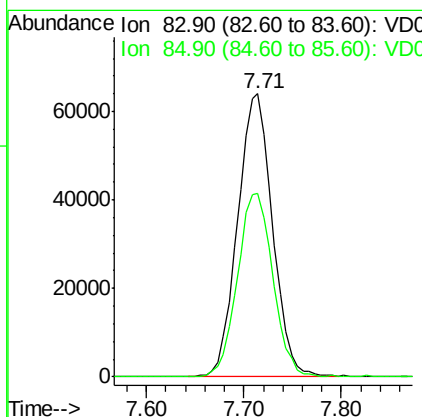
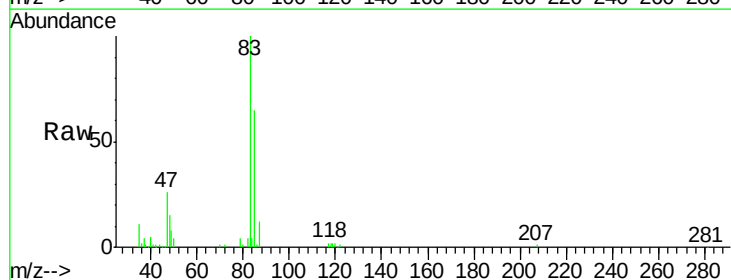
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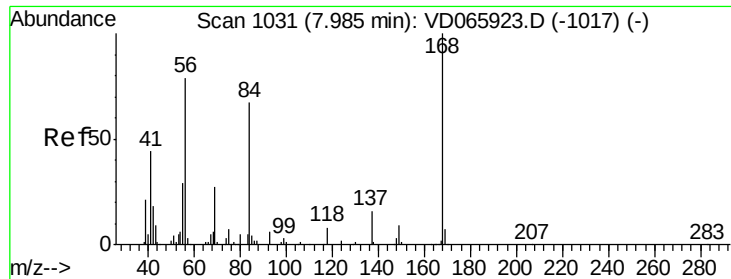
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#30
Chloroform
Concen: 21.045 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.01 min
Lab File: VD065928.D
Acq: 07 Jul 2020 18:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.6	77.4





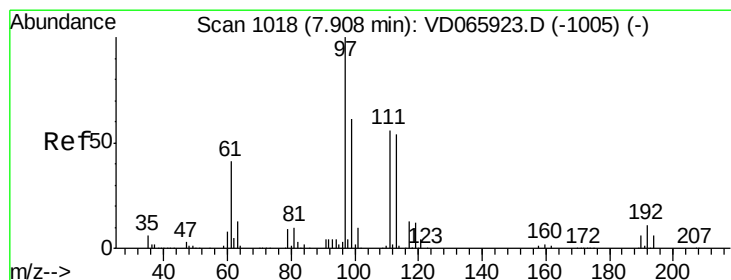
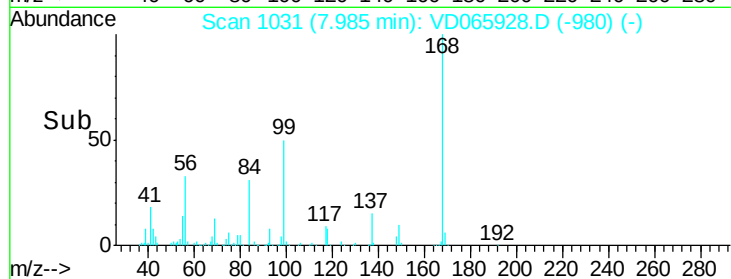
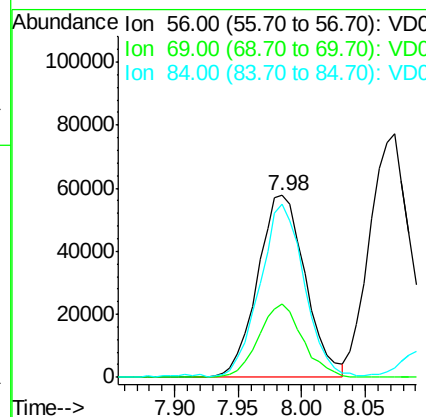
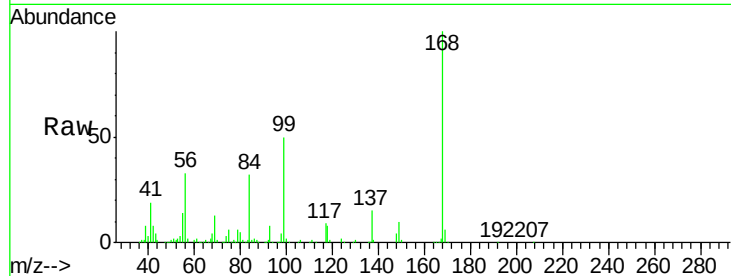
#31
Cyclohexane
Concen: 20.567 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065928.D
Acq: 07 Jul 2020 18:38

Instrument :
MSVOA_D
ClientSampleId :
VD0707SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	40.4	27.4	41.0
84	94.3	68.6	102.8

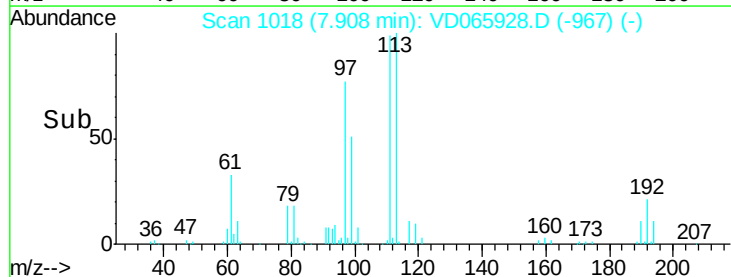
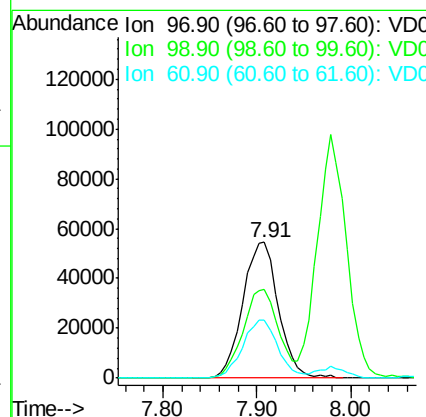
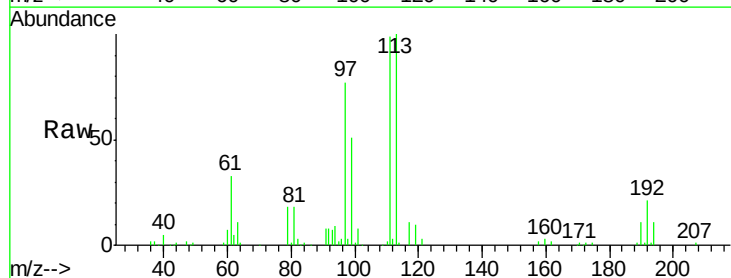
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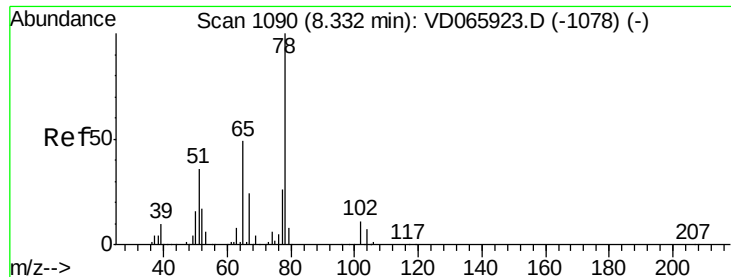
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#32
1,1,1-Trichloroethane
Concen: 20.671 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VD065928.D
Acq: 07 Jul 2020 18:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.6	77.4
61	42.4	33.6	50.4





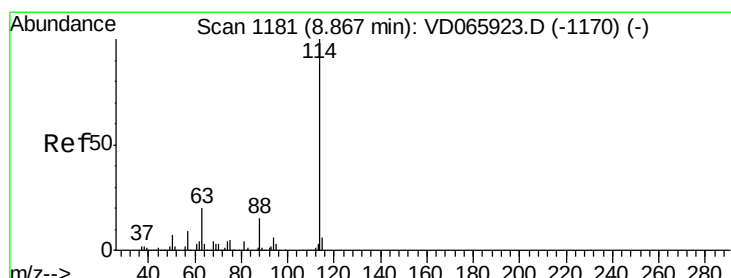
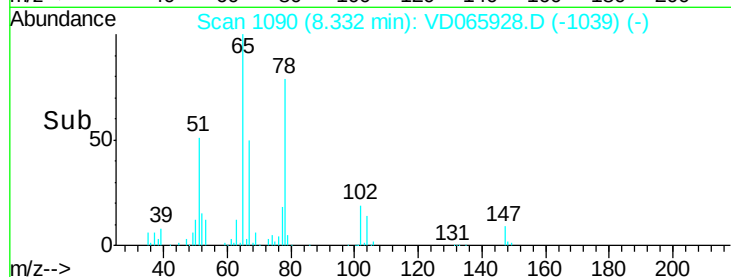
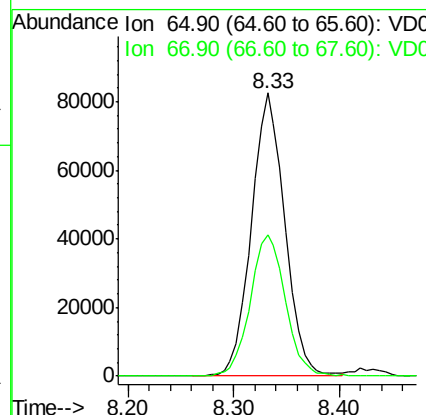
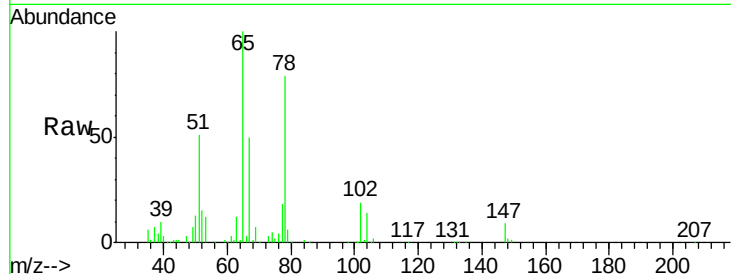
#33
 1,2-Dichloroethane-d4
 Concen: 50.361 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD065928.D
 Acq: 07 Jul 2020 18:38

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0707SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	181660		
67	52.4	0.0	105.6	

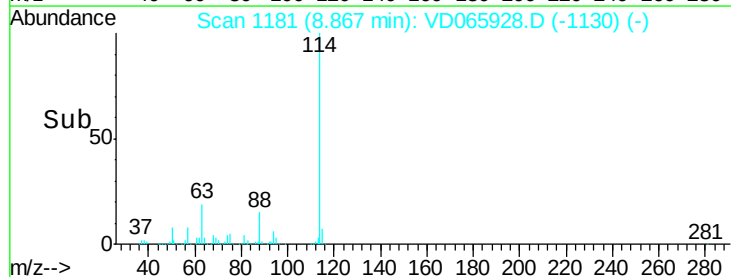
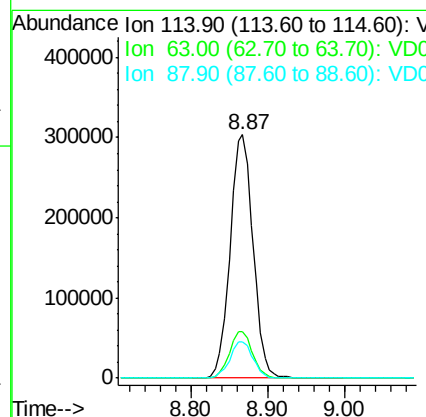
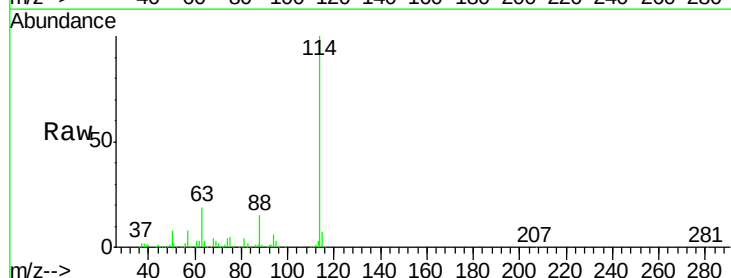
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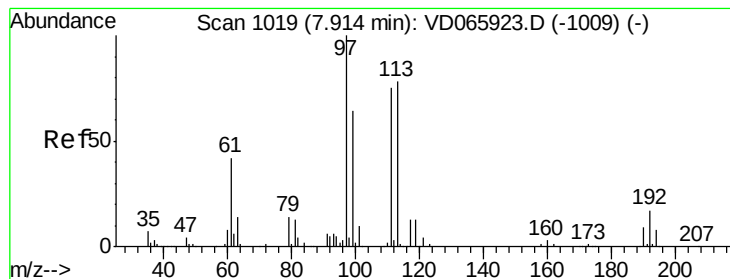
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065928.D
 Acq: 07 Jul 2020 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	632254		
63	19.3	0.0	39.2	
88	14.9	0.0	30.0	





#35

Dibromofluoromethane

Concen: 48.704 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD065928.D

Acq: 07 Jul 2020 18:38

Instrument :

MSVOA_D

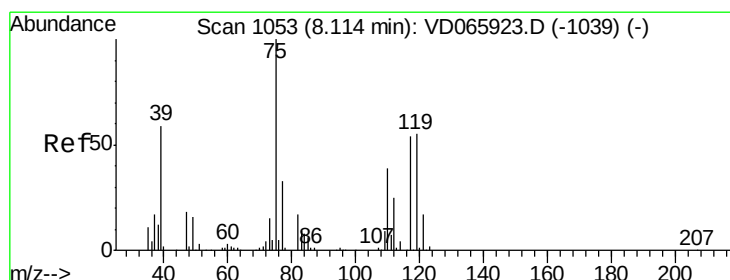
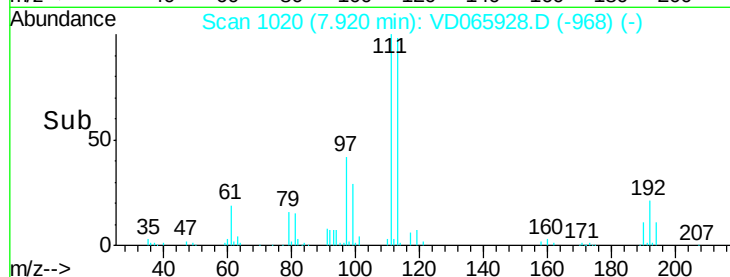
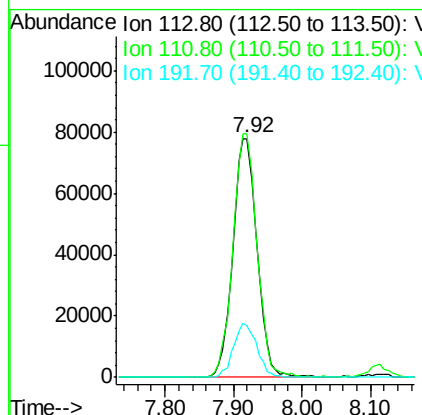
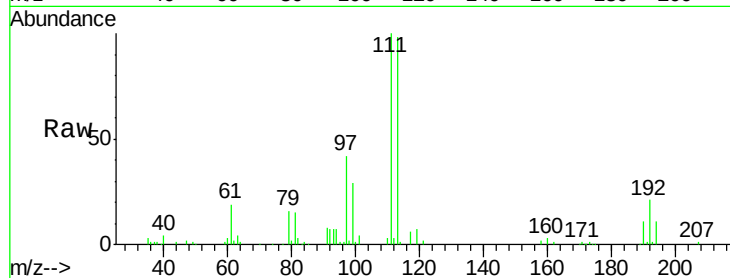
ClientSampleId :

VD0707SBS01

Tot Ion:	113	Resp:	189960
Ion Ratio	Lower	Upper	
113	100		
111	102.1	80.9	121.3
192	21.9	17.1	25.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 20.158 ug/l

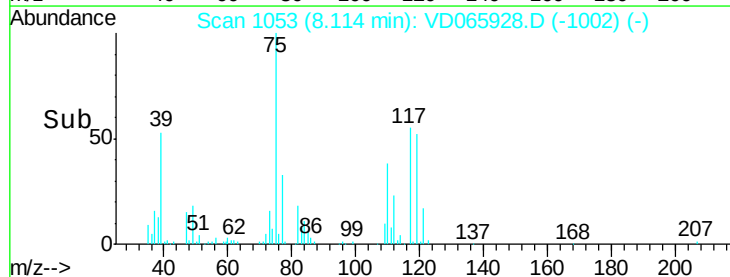
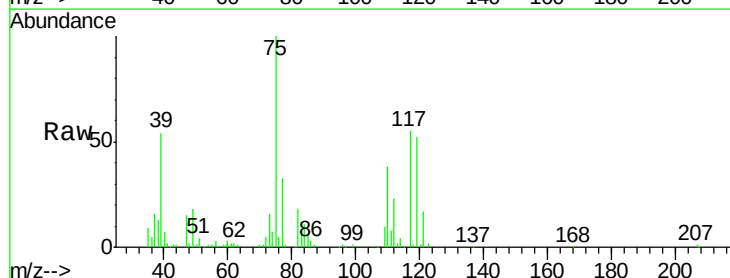
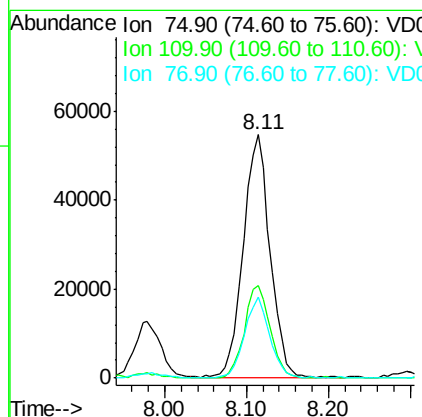
RT: 8.11 min Scan# 1053

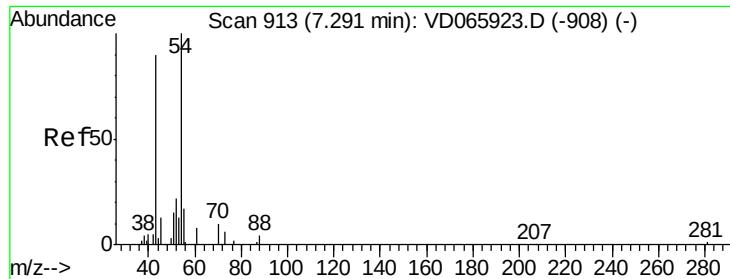
Delta R.T. -0.00 min

Lab File: VD065928.D

Acq: 07 Jul 2020 18:38

Tgt Ion:	75	Resp:	125873
Ion Ratio	Lower	Upper	
75	100		
110	36.3	18.5	55.5
77	31.1	25.6	38.4





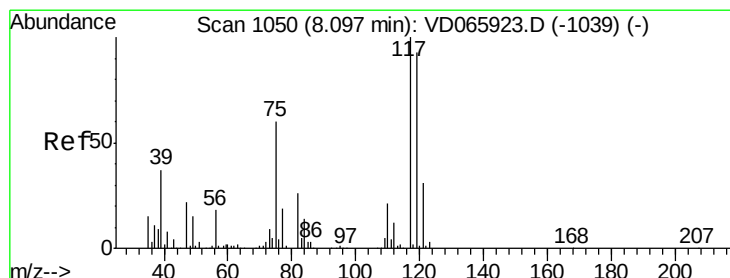
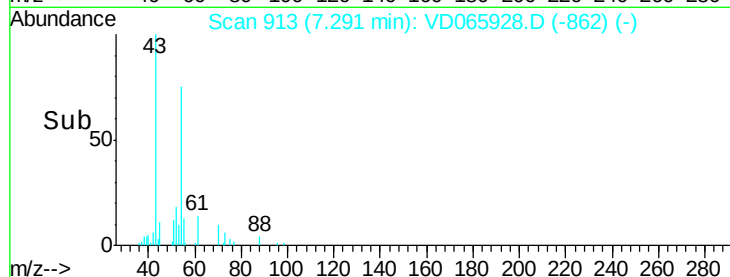
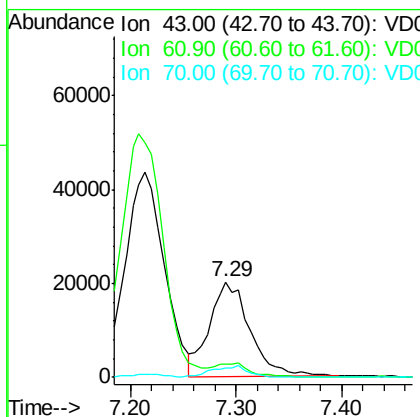
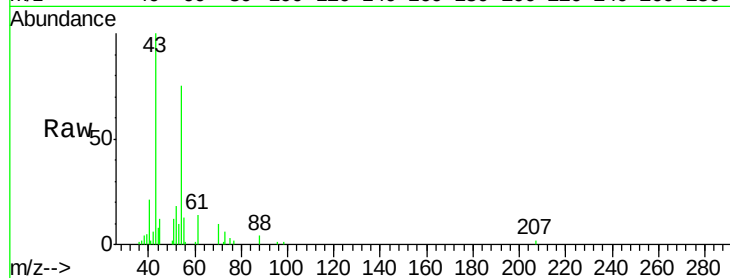
#37
Ethyl Acetate
Concen: 20.269 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD065928.D
Acq: 07 Jul 2020 18:38

Instrument :
MSVOA_D
ClientSampleId :
VD0707SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	9.4	14.0
70	11.0	8.3	12.5

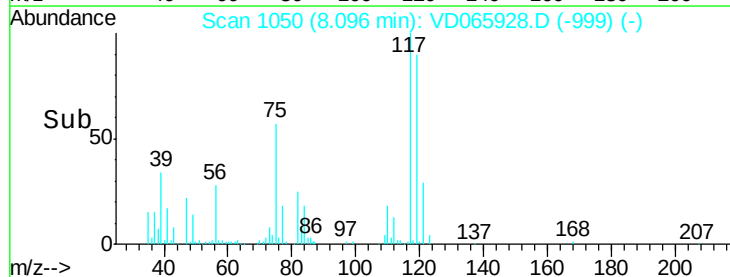
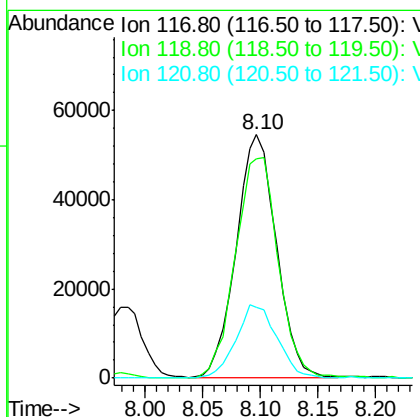
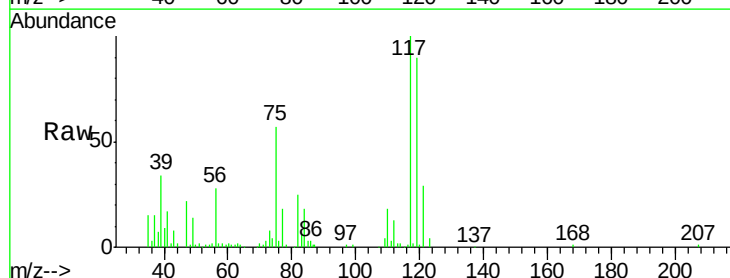
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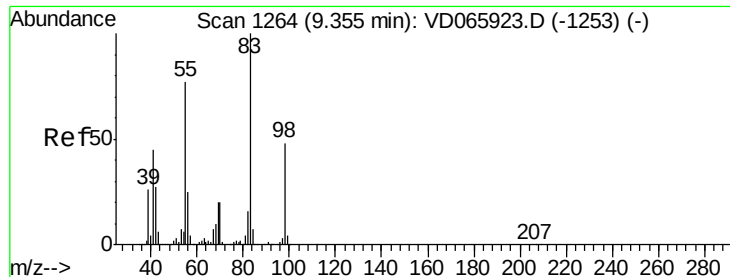
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#38
Carbon Tetrachloride
Concen: 19.611 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065928.D
Acq: 07 Jul 2020 18:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.0	74.7	112.1
121	29.4	24.9	37.3





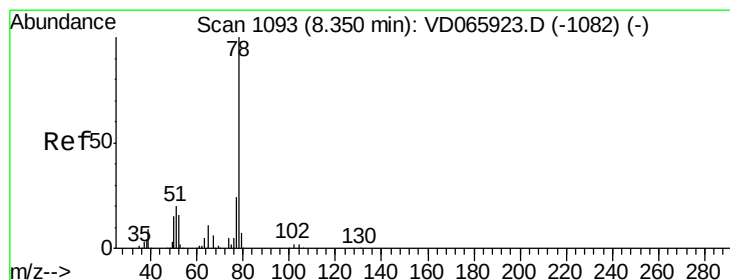
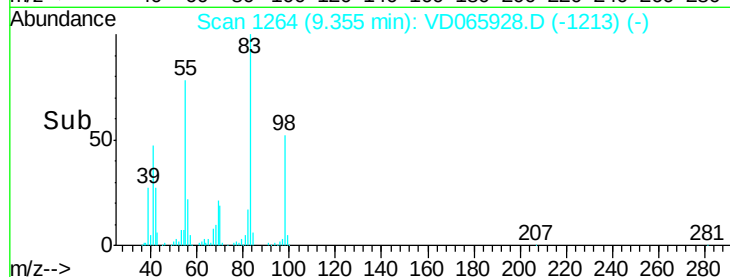
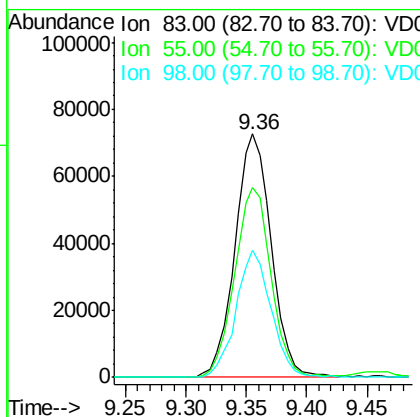
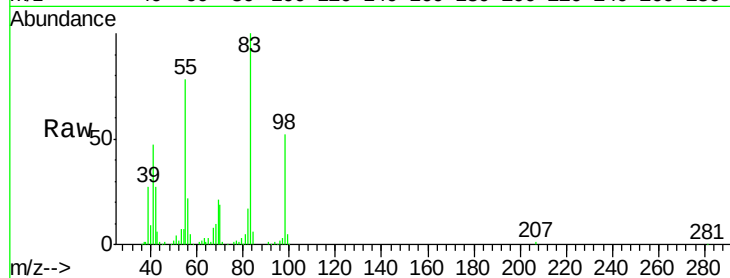
#39
Methylvlcyclohexane
Concen: 19.838 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065928.D
Acq: 07 Jul 2020 18:38

Instrument :
MSVOA_D
ClientSampleId :
VD0707SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.1	61.7	92.5
98	52.2	38.6	58.0

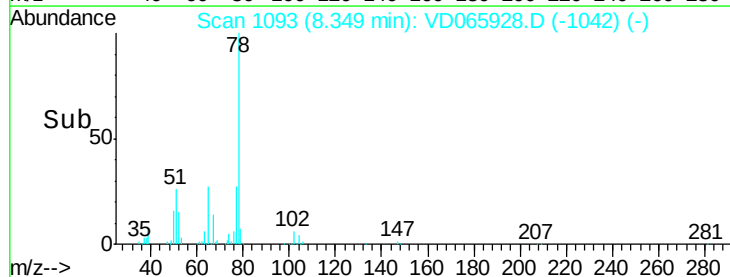
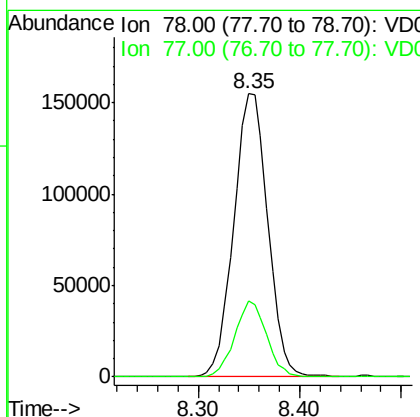
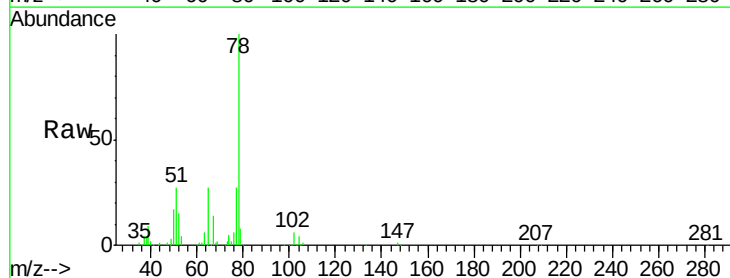
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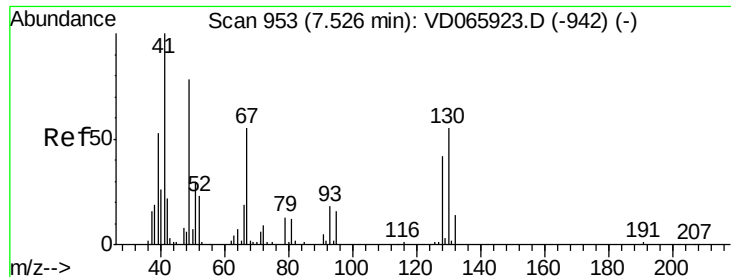
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#40
Benzene
Concen: 20.978 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD065928.D
Acq: 07 Jul 2020 18:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	26.9	19.4	29.0





#41

Methacrylonitrile

Concen: 21.147 ug/l

RT: 7.53 min Scan# 954

Delta R.T. 0.01 min

Lab File: VD065928.D

Acq: 07 Jul 2020 18:38

Instrument :

MSVOA_D

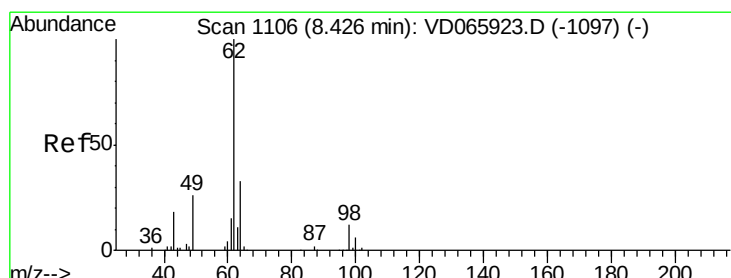
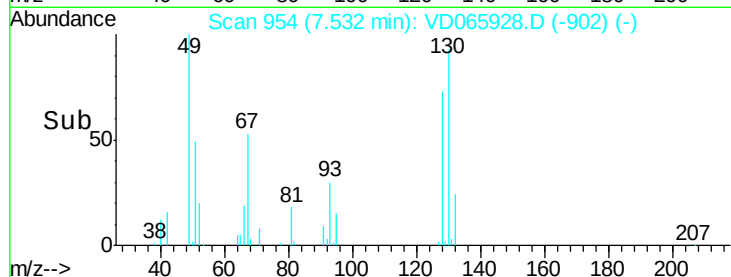
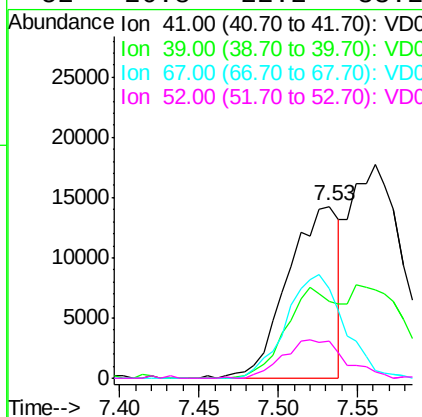
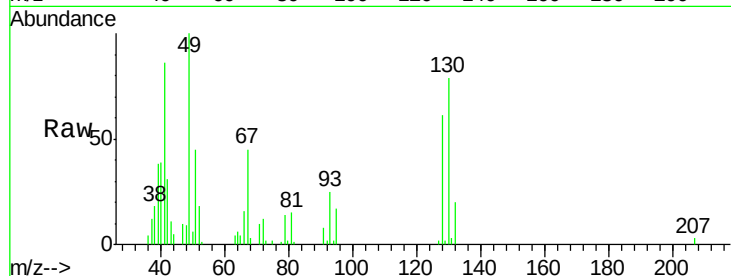
ClientSampleId :

VD0707SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	50.7	42.4	63.6
67	67.9	53.6	80.4
52	26.8	22.2	33.2

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 20.176 ug/l

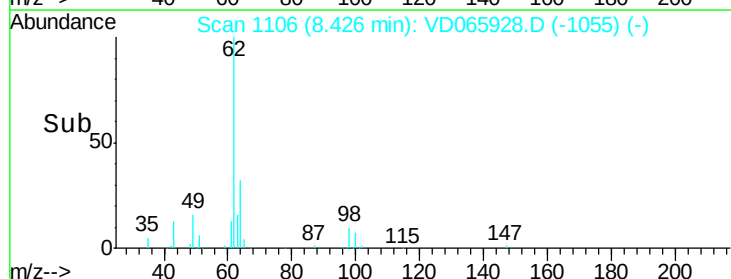
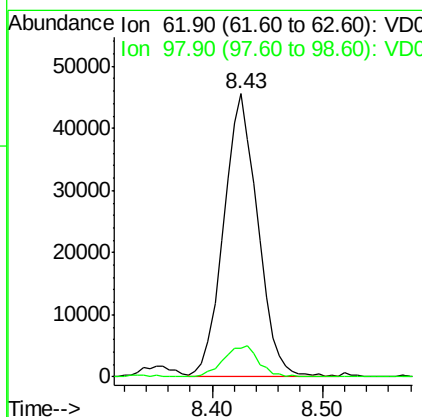
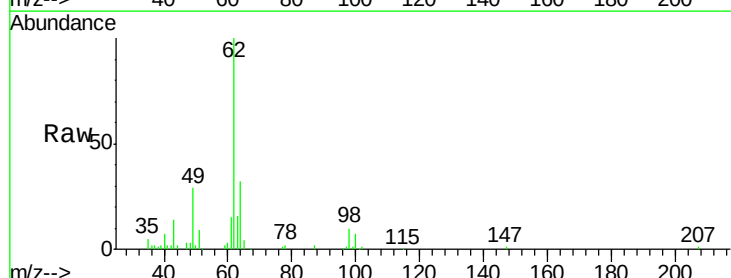
RT: 8.43 min Scan# 1106

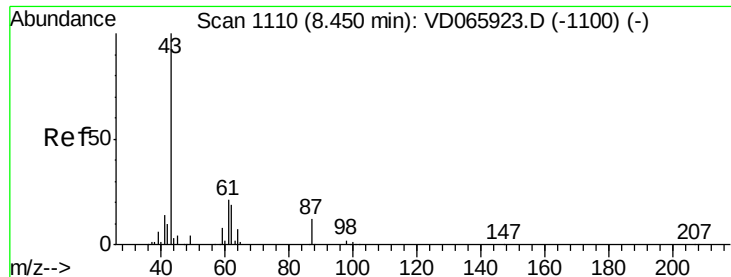
Delta R.T. -0.00 min

Lab File: VD065928.D

Acq: 07 Jul 2020 18:38

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	20.0





#43

Isopropyl Acetate

Concen: 20.602 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD065928.D

Acq: 07 Jul 2020 18:38

Instrument :

MSVOA_D

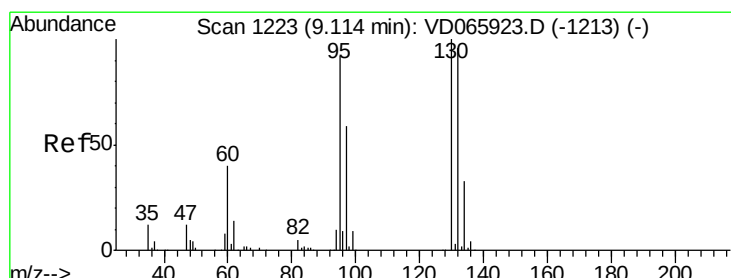
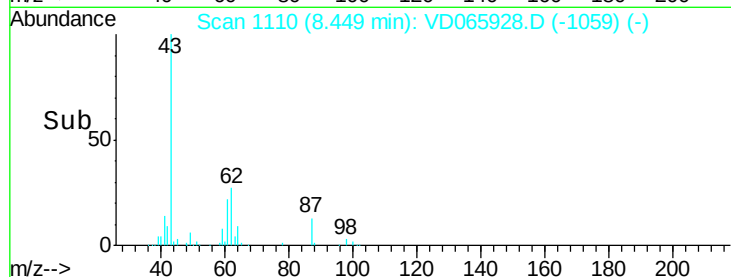
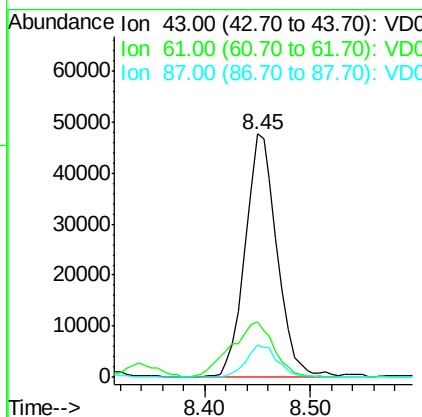
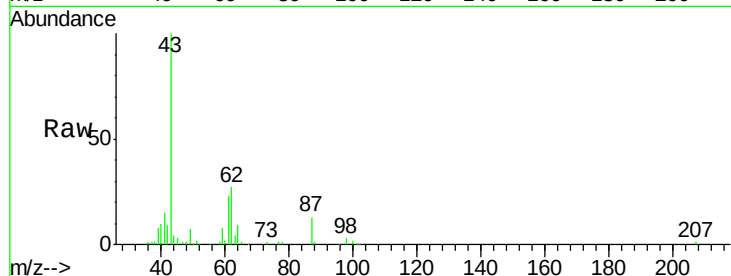
ClientSampleId :

VD0707SBS01

Tot Ion:	43	Resp:	100332
Ion	Ratio	Lower	Upper
43	100		
61	30.5	23.2	34.8
87	13.2	10.0	15.0

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#44

Trichloroethene

Concen: 20.864 ug/l

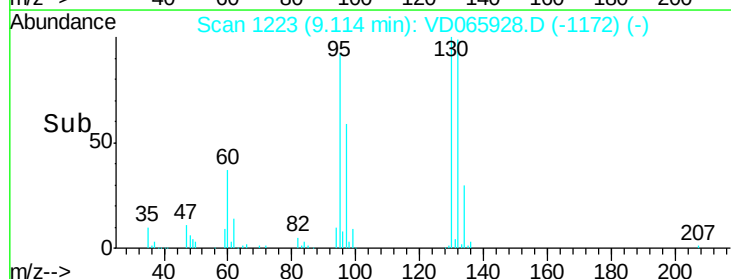
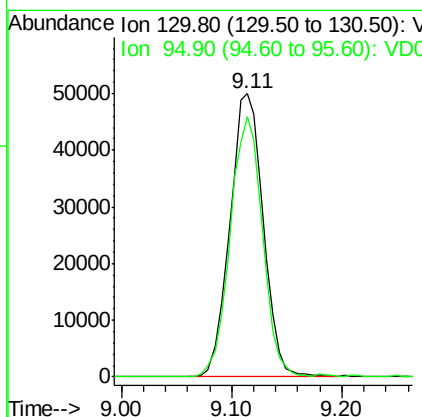
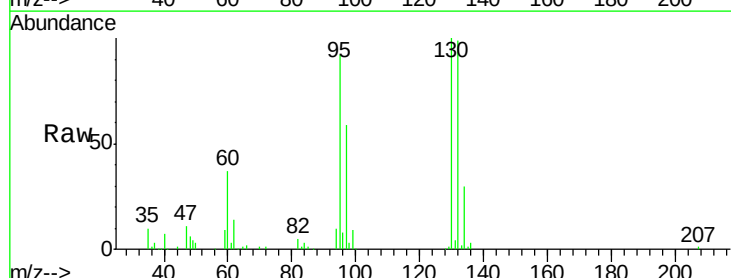
RT: 9.11 min Scan# 1223

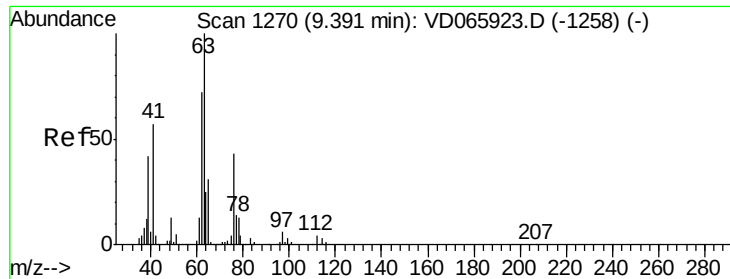
Delta R.T. -0.00 min

Lab File: VD065928.D

Acq: 07 Jul 2020 18:38

Tgt Ion:	130	Resp:	105754
Ion	Ratio	Lower	Upper
130	100		
95	92.0	0.0	184.6





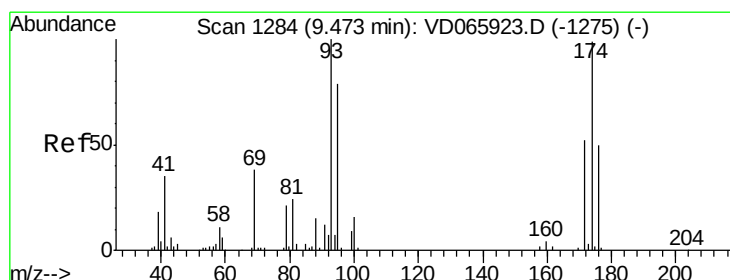
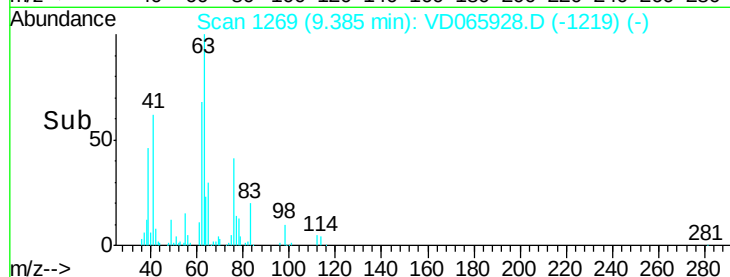
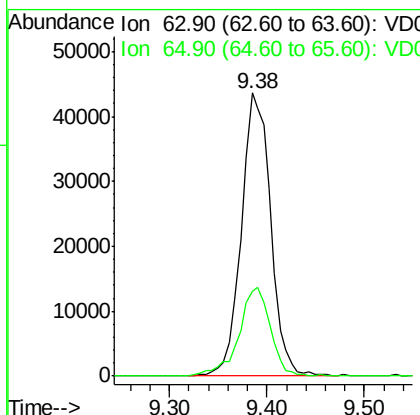
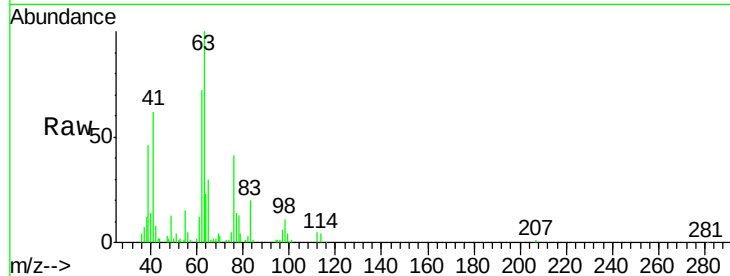
#45
 1,2-Dichloropropane
 Concen: 21.460 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VD065928.D
 Acq: 07 Jul 2020 18:38

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0707SBS01

Tot Ion: 63 Resp: 91884
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.0 37.6

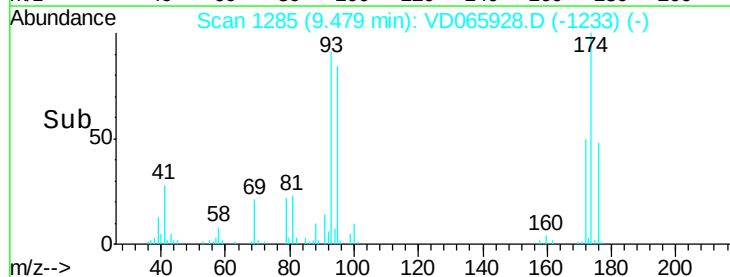
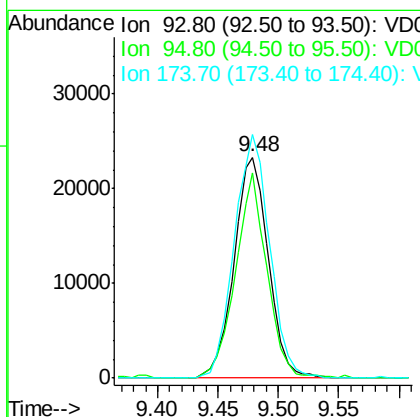
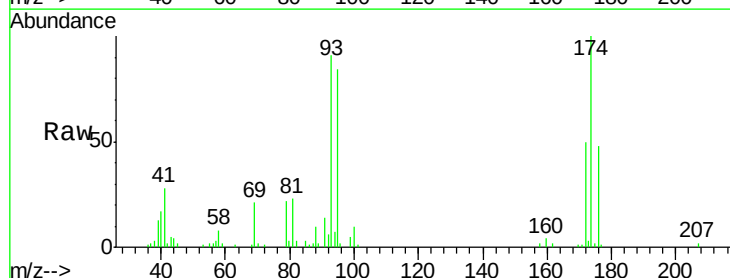
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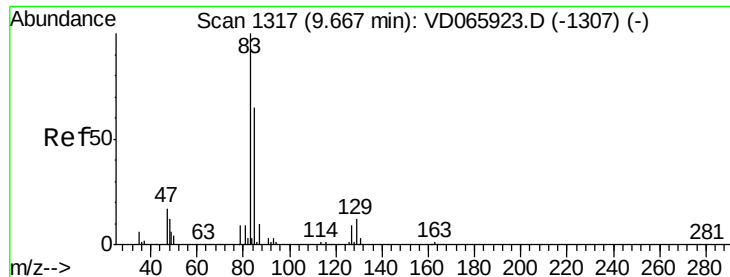
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#46
 Dibromomethane
 Concen: 20.665 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: VD065928.D
 Acq: 07 Jul 2020 18:38

Tgt Ion: 93 Resp: 46064
 Ion Ratio Lower Upper
 93 100
 95 85.3 68.2 102.2
 174 113.5 88.0 132.0





#47

Bromodichloromethane

Concen: 20.836 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD065928.D

Acq: 07 Jul 2020 18:38

Instrument :

MSVOA_D

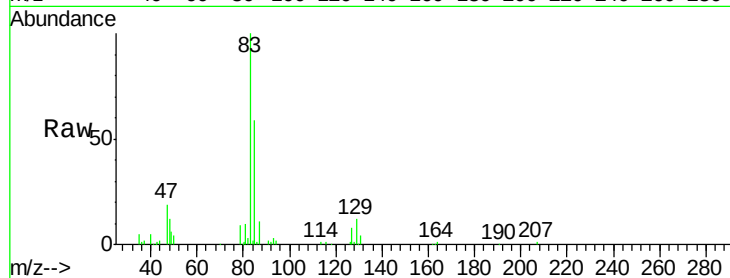
ClientSampleId :

VD0707SBS01

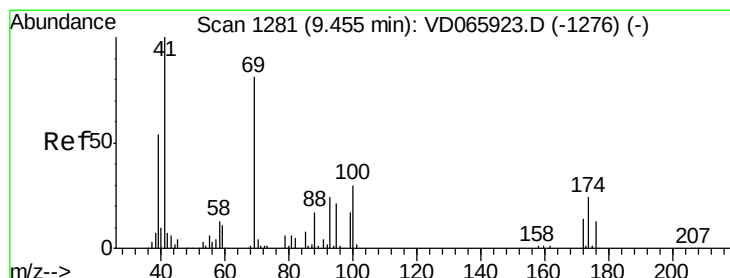
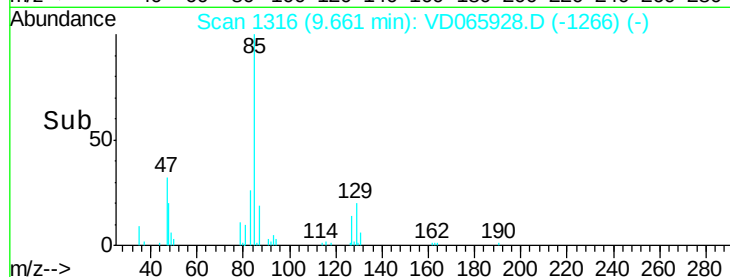
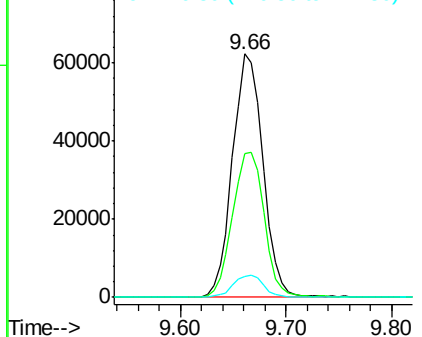
Tot Ion:	83	Resp:	124588
Ion	Ratio	Lower	Upper
83	100		
85	59.0	51.6	77.4
127	8.4	7.2	10.8

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



#48

Methyl methacrylate

Concen: 21.412 ug/l

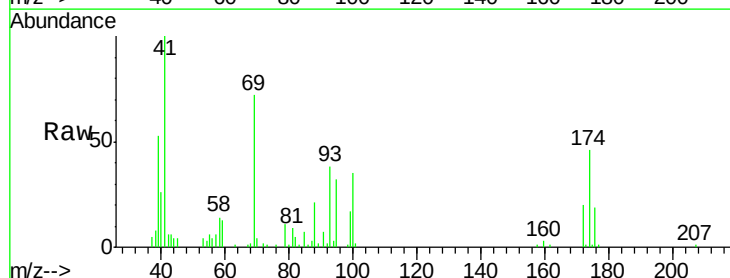
RT: 9.46 min Scan# 1282

Delta R.T. 0.01 min

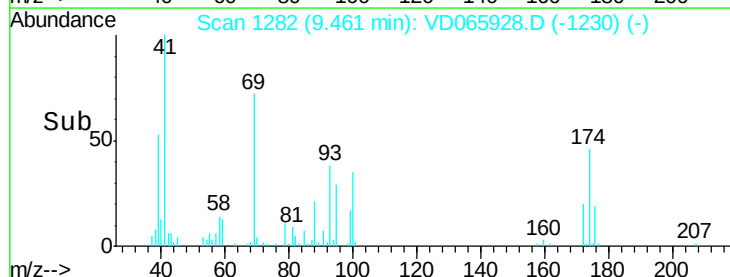
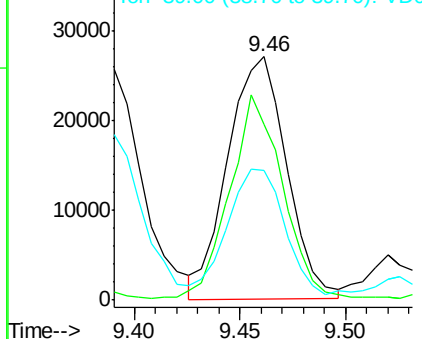
Lab File: VD065928.D

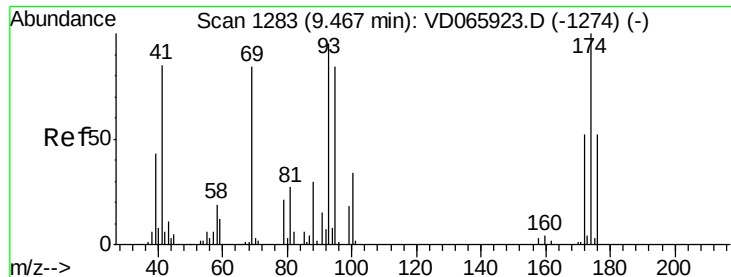
Acq: 07 Jul 2020 18:38

Tgt Ion:	41	Resp:	52497
Ion	Ratio	Lower	Upper
41	100		
69	75.0	62.2	93.4
39	47.8	39.9	59.9



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





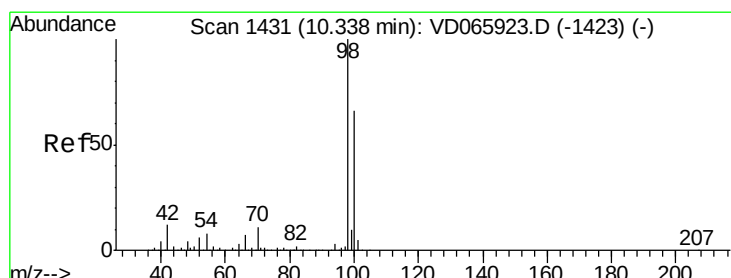
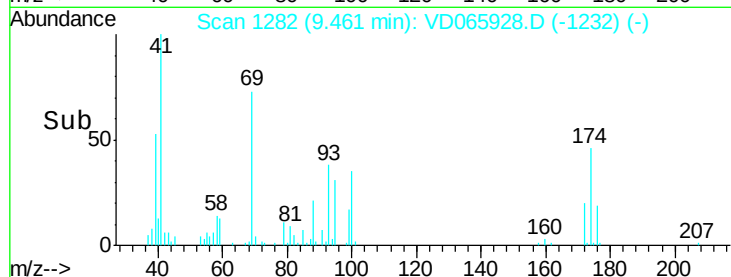
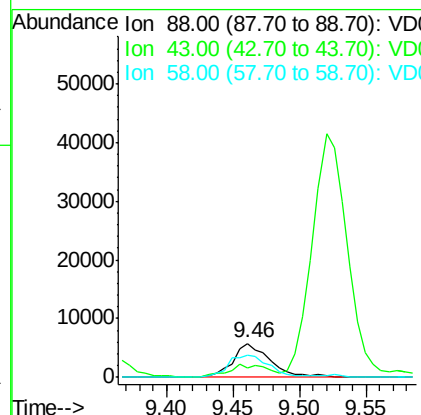
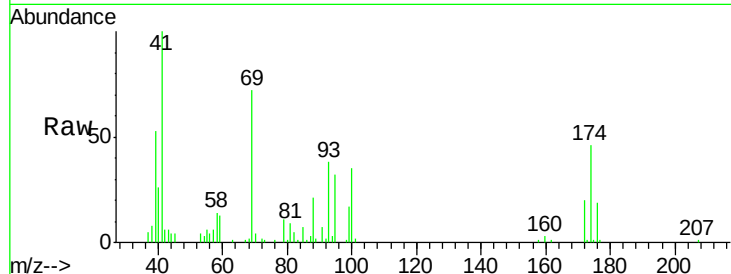
#49
1,4-Dioxane
Concen: 420.440 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VD065928.D
Acq: 07 Jul 2020 18:38

Instrument :
MSVOA_D
ClientSampleId :
VD0707SBS01

Tot Ion	88	Resp	11136
Ion Ratio	Lower	Upper	
88	100		
43	41.0	28.2	42.4
58	74.8	58.6	87.8

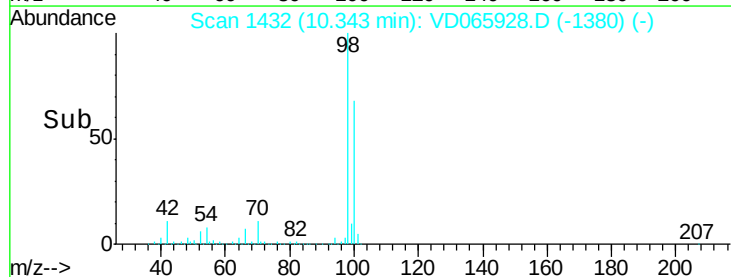
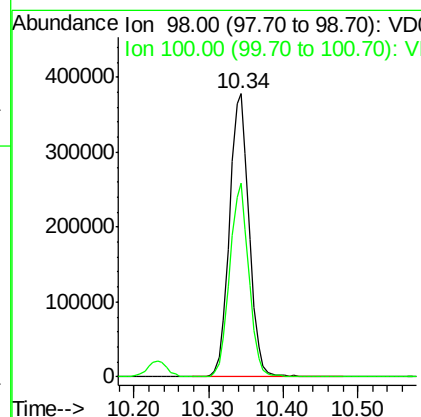
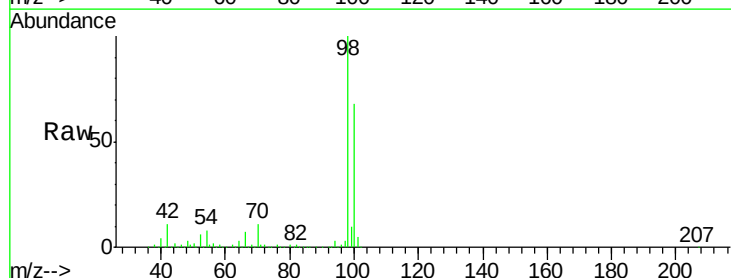
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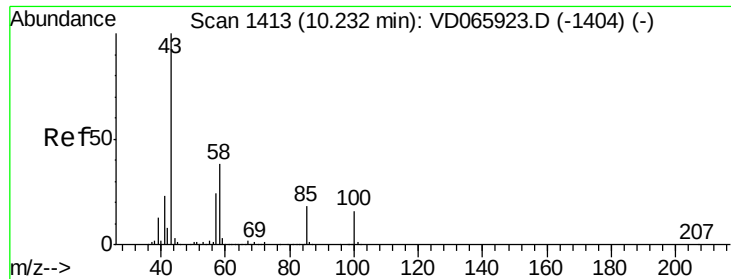
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#50
Toluene-d8
Concen: 48.792 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD065928.D
Acq: 07 Jul 2020 18:38

Tgt Ion	98	Resp	694356
Ion Ratio	Lower	Upper	
98	100		
100	66.8	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 105.769 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD065928.D

Acq: 07 Jul 2020 18:38

Instrument :

MSVOA_D

ClientSampleId :

VD0707SBS01

Tot Ion: 43 Resp: 260421

Ion Ratio Lower Upper

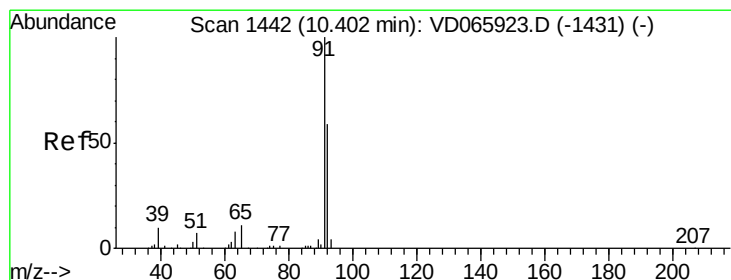
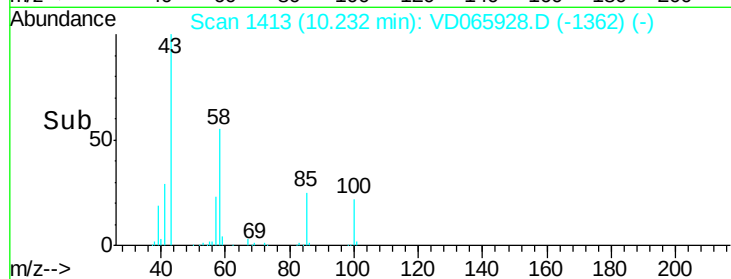
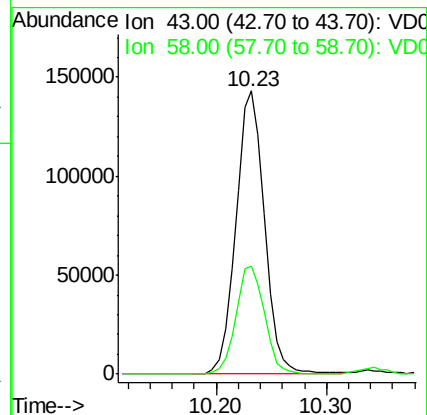
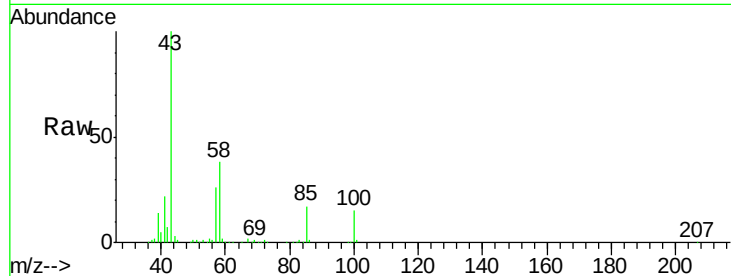
43 100

58 38.2 30.5 45.7

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#52

Toluene

Concen: 21.258 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD065928.D

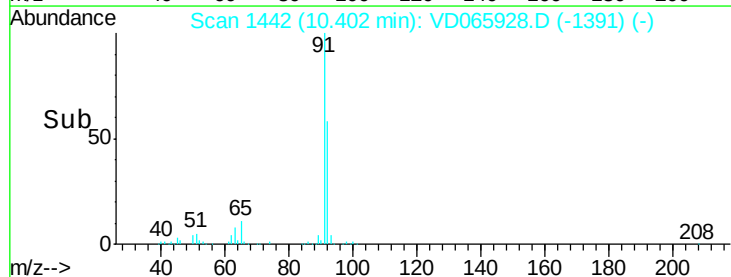
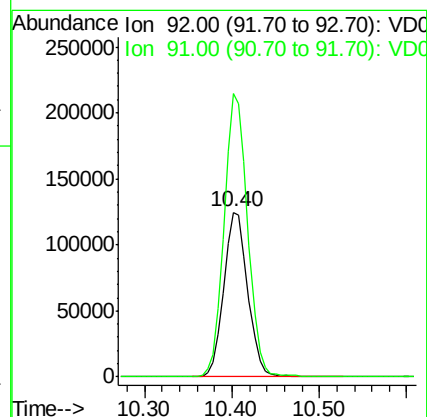
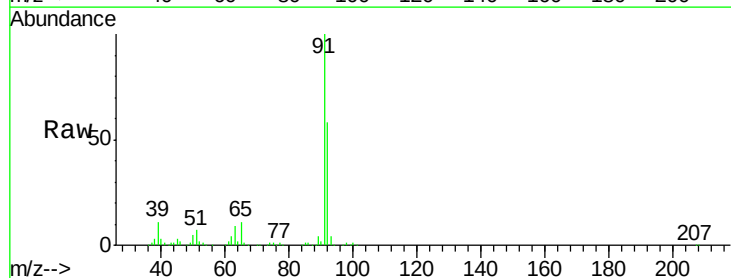
Acq: 07 Jul 2020 18:38

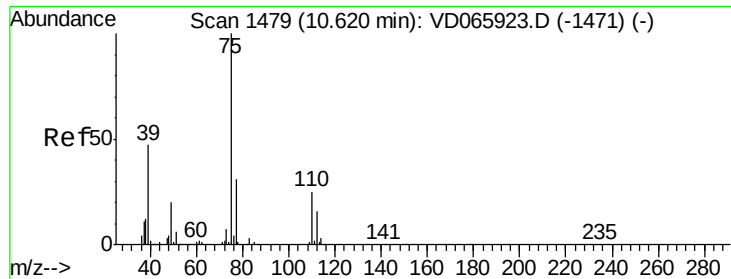
Tgt Ion: 92 Resp: 233308

Ion Ratio Lower Upper

92 100

91 169.6 136.0 204.0





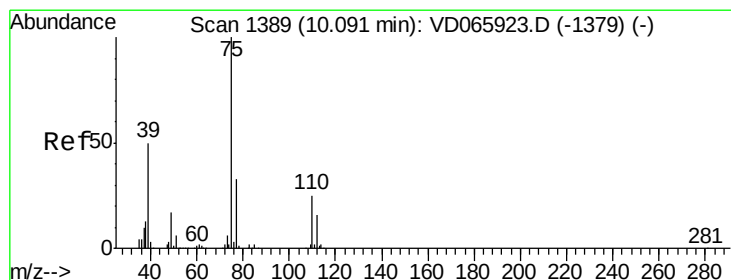
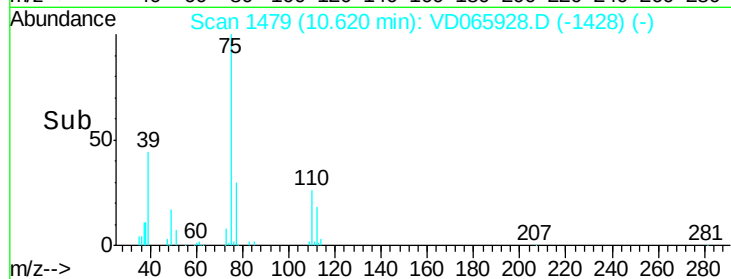
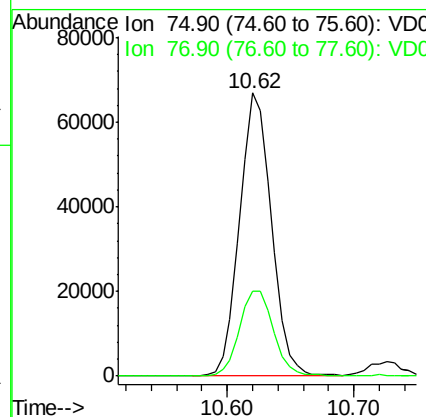
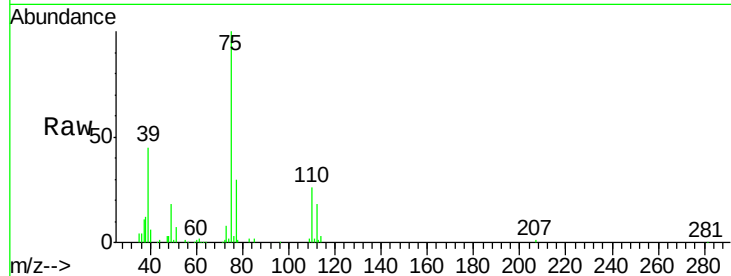
#53
t-1,3-Dichloropropene
Concen: 20.727 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. -0.00 min
Lab File: VD065928.D
Acq: 07 Jul 2020 18:38

Instrument :
MSVOA_D
ClientSampleId :
VD0707SBS01

Tot Ion	Ion	Ratio	Lower	Upper
75	100			
77	30.1	25.1	37.7	

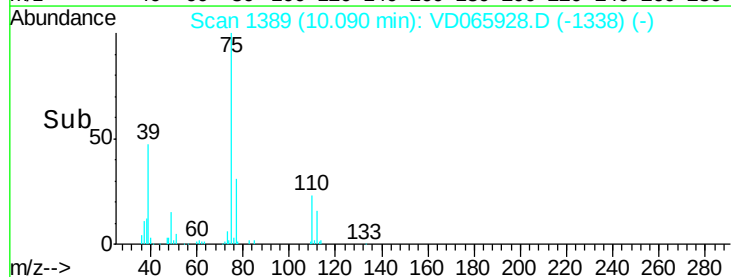
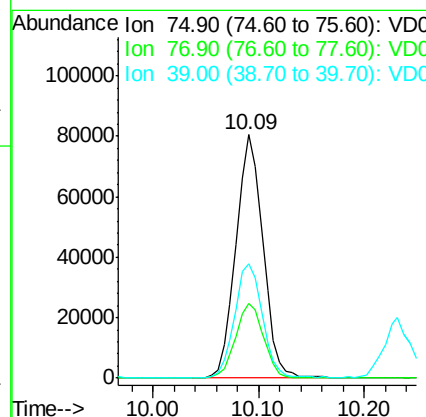
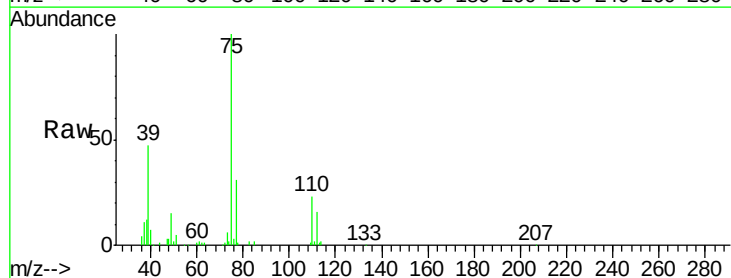
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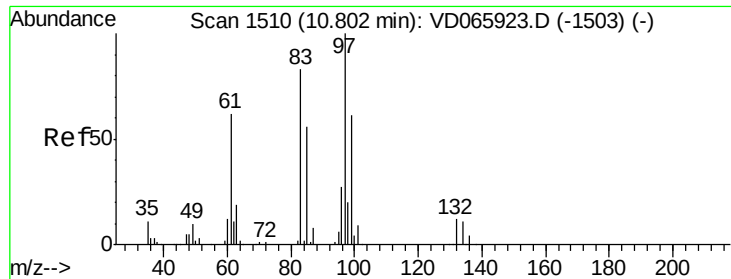
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#54
cis-1,3-Dichloropropene
Concen: 20.985 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. -0.00 min
Lab File: VD065928.D
Acq: 07 Jul 2020 18:38

Tgt Ion	Ion	Ratio	Lower	Upper
75	100			
77	30.6	26.6	39.8	
39	46.7	39.6	59.4	





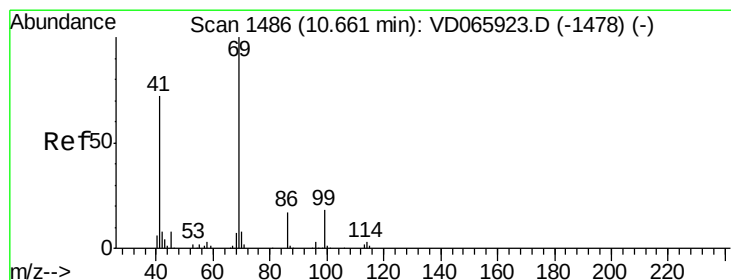
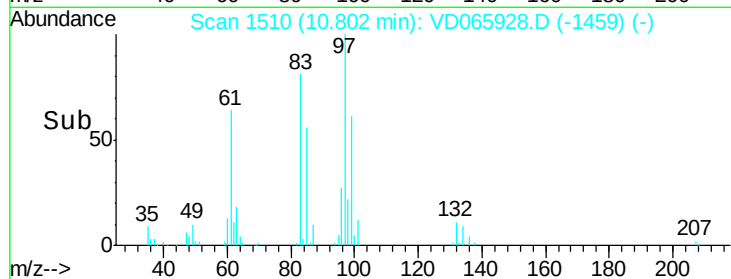
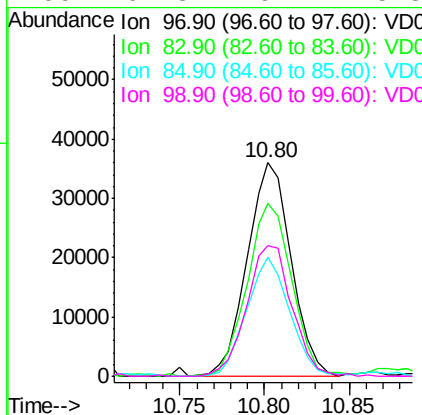
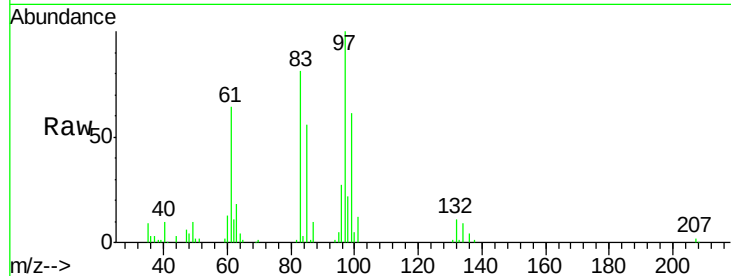
#55
 1,1,2-Trichloroethane
 Concen: 21.223 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD065928.D
 Acq: 07 Jul 2020 18:38

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0707SBS01

Tot Ion:	97	Resp:	65182
Ion	Ratio	Lower	Upper
97	100		
83	81.2	66.9	100.3
85	56.0	44.5	66.7
99	61.3	49.2	73.8

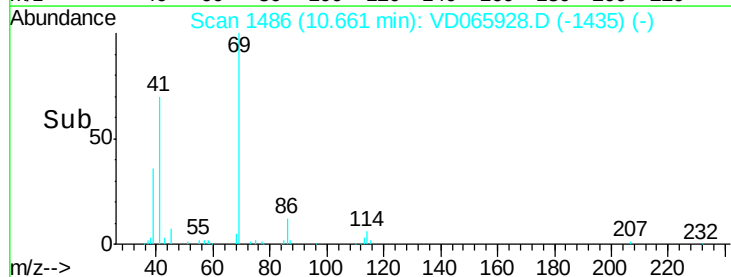
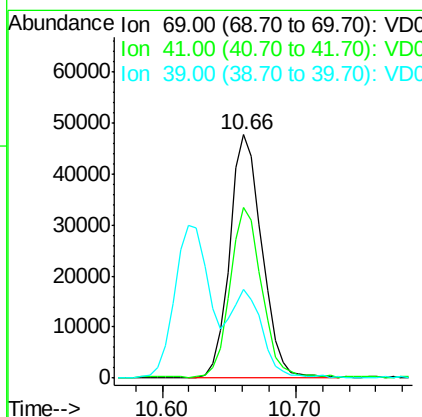
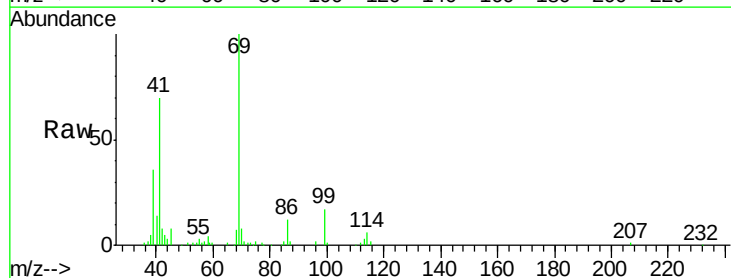
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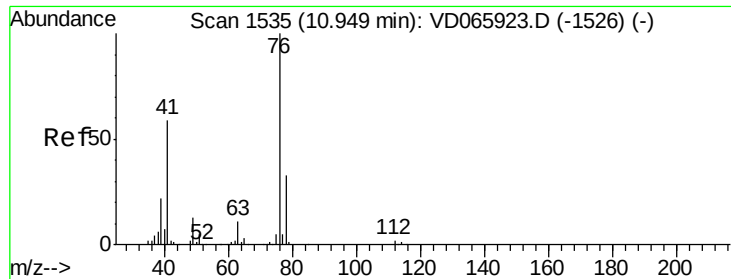
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#56
 Ethyl methacrylate
 Concen: 21.408 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD065928.D
 Acq: 07 Jul 2020 18:38

Tgt Ion:	69	Resp:	80308
Ion	Ratio	Lower	Upper
69	100		
41	69.9	56.5	84.7
39	36.8	29.2	43.8





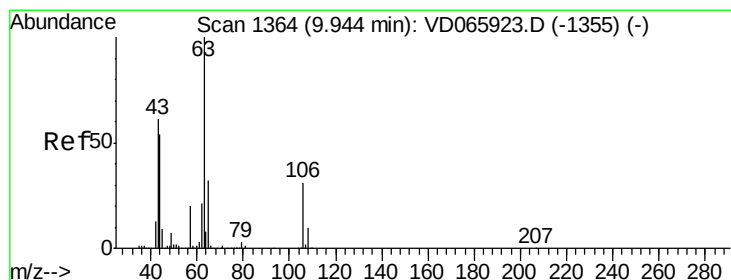
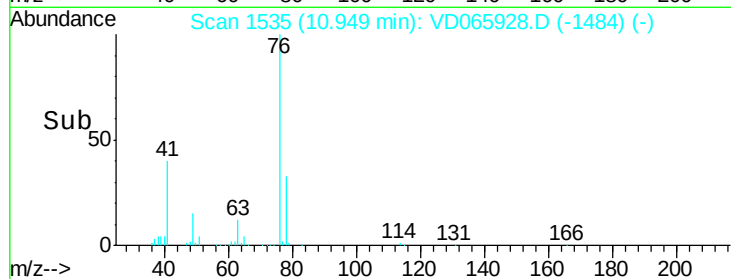
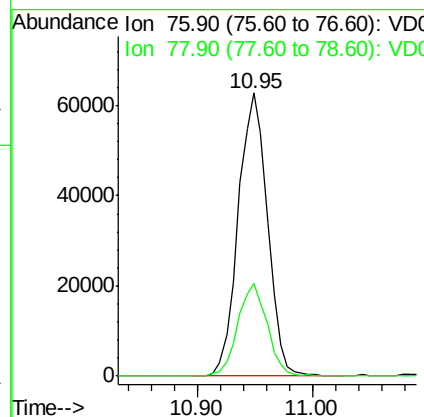
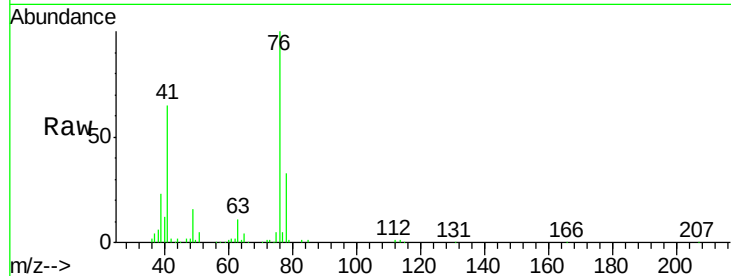
#57
 1,3-Dichloropropane
 Concen: 20.531 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD065928.D
 Acq: 07 Jul 2020 18:38

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0707SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.9	25.8	38.6

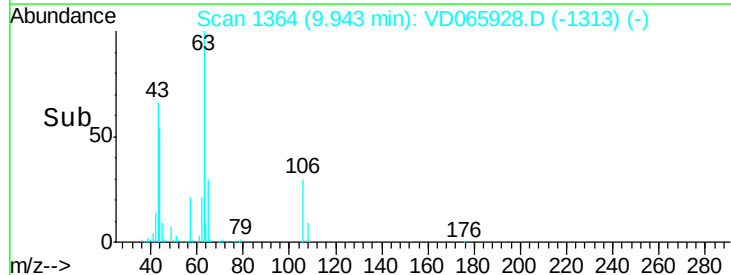
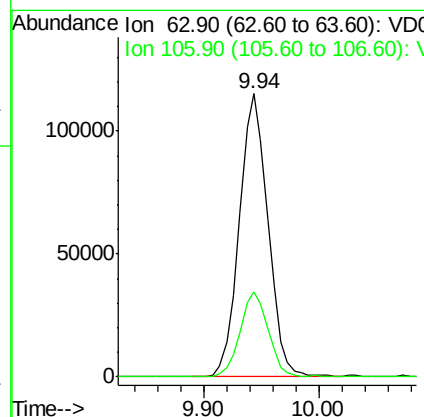
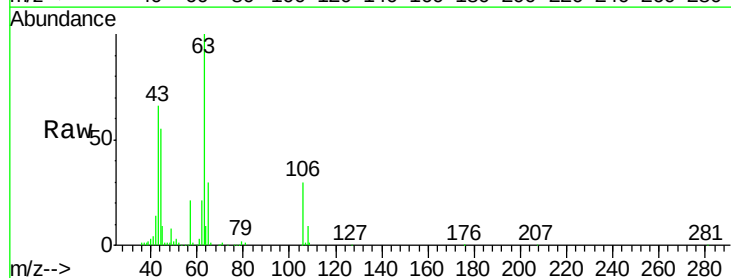
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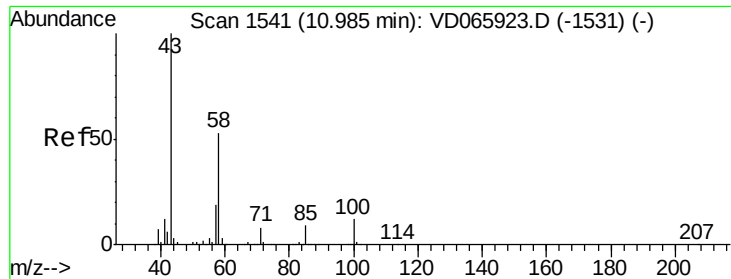
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#58
 2-Chloroethyl Vinyl ether
 Concen: 109.085 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD065928.D
 Acq: 07 Jul 2020 18:38

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.6	23.8	35.6





#59

2-Hexanone

Concen: 104.282 ug/l

RT: 10.98 min Scan# 1541

Delta R.T. -0.00 min

Lab File: VD065928.D

Acq: 07 Jul 2020 18:38

Instrument :

MSVOA_D

ClientSampleId :

VD0707SBS01

Tot Ion: 43 Resp: 176582

Ion Ratio Lower Upper

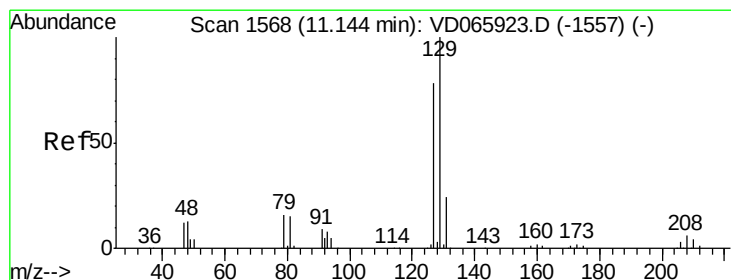
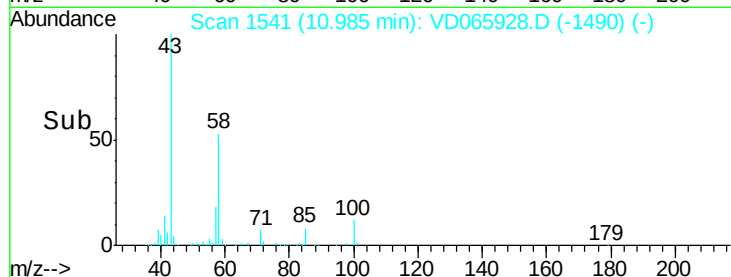
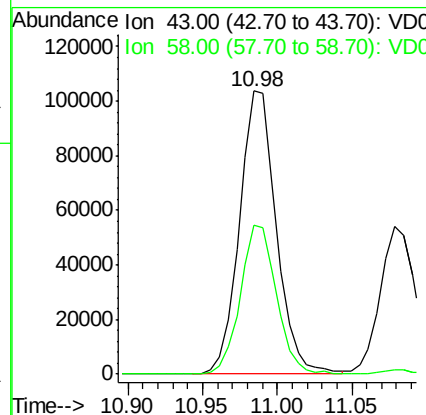
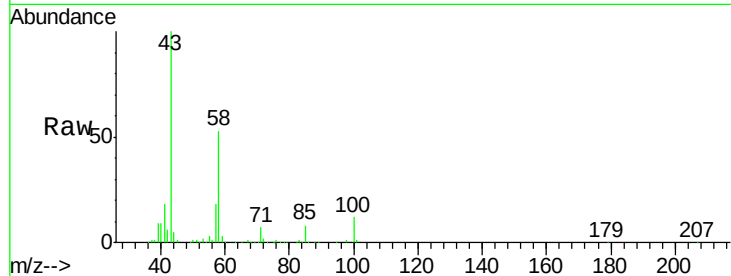
43 100

58 51.9 26.6 79.8

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#60

Dibromochloromethane

Concen: 20.754 ug/l

RT: 11.14 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VD065928.D

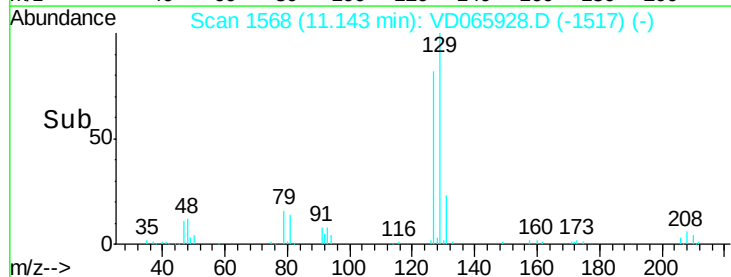
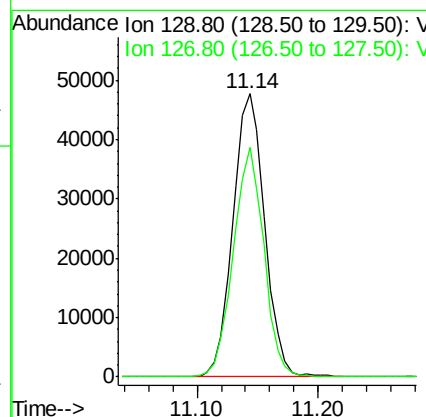
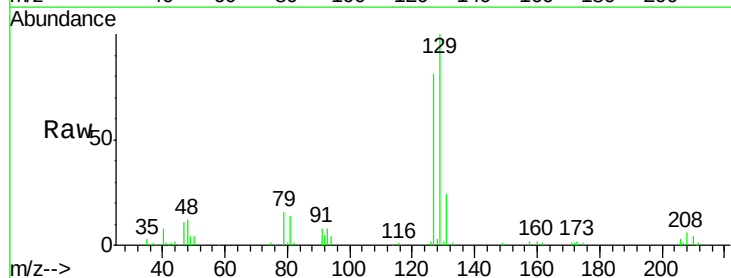
Acq: 07 Jul 2020 18:38

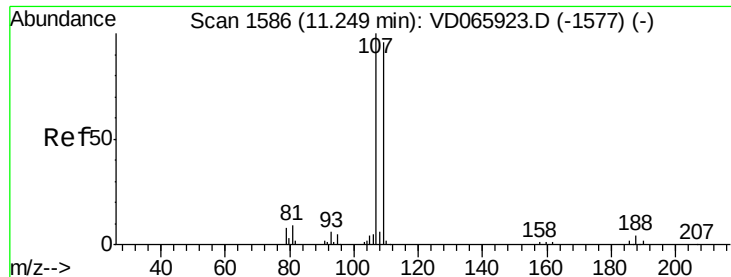
Tgt Ion:129 Resp: 87088

Ion Ratio Lower Upper

129 100

127 78.4 38.8 116.4





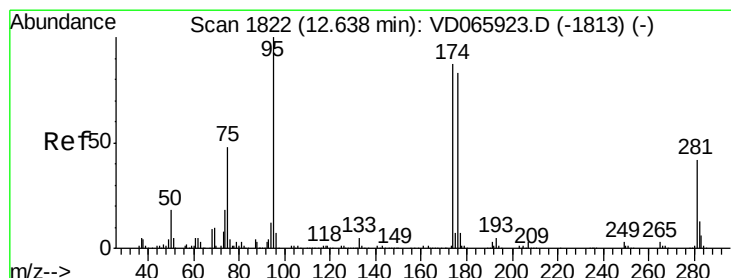
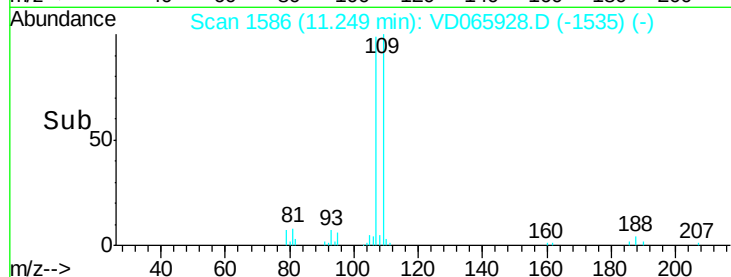
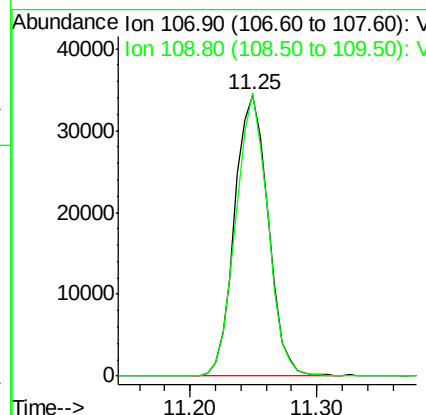
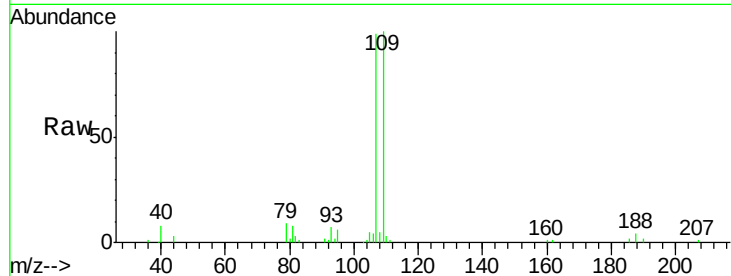
#61
 1,2-Dibromoethane
 Concen: 20.448 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065928.D
 Acq: 07 Jul 2020 18:38

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0707SBS01

Tot Ion	Ratio	Resp	Lower	Upper
107	100	62617		
109	96.4	75.4	113.0	

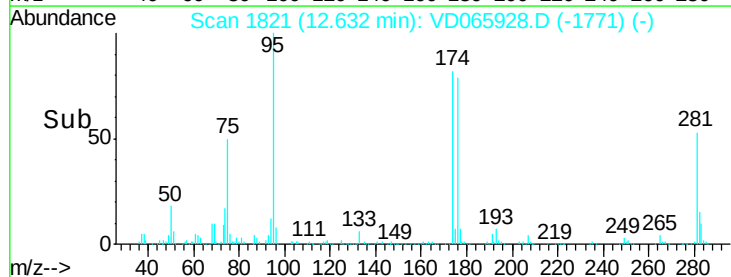
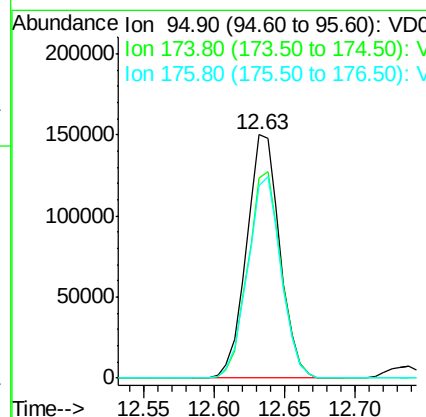
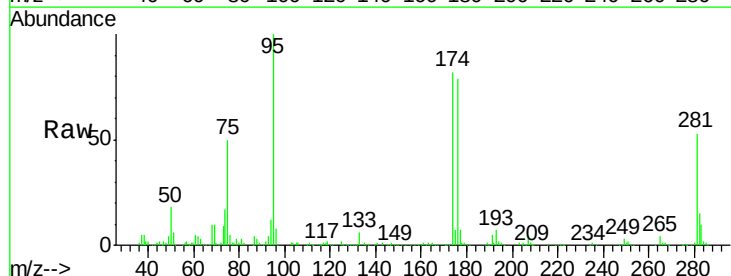
Manual Integrations
 APPROVED

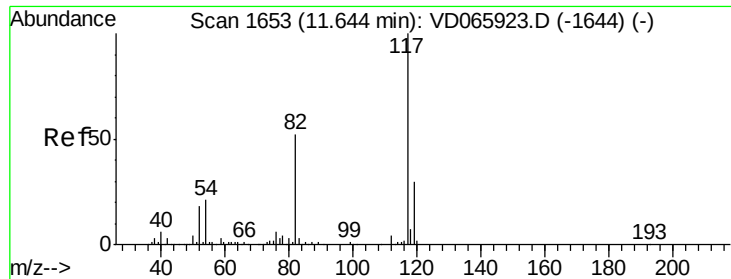
MMDadoda
 7/8/2020 12:05:23 PM



#62
 4-Bromofluorobenzene
 Concen: 50.661 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD065928.D
 Acq: 07 Jul 2020 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	247575		
174	85.2	0.0	169.4	
176	83.1	0.0	164.0	





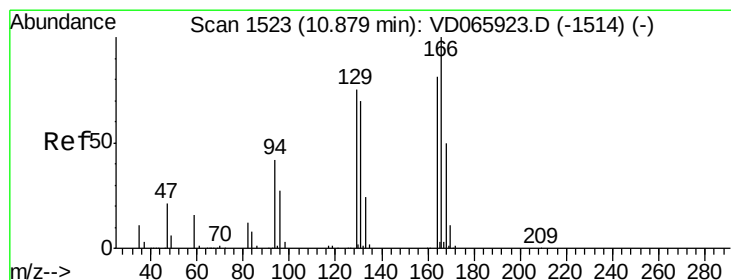
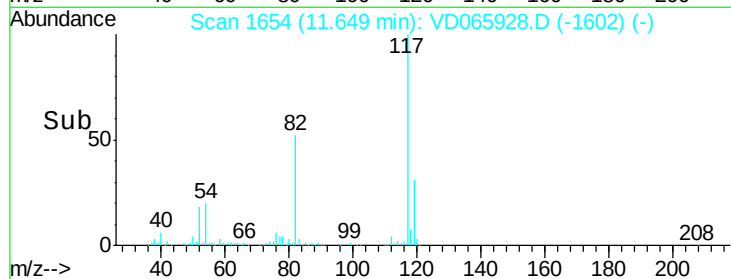
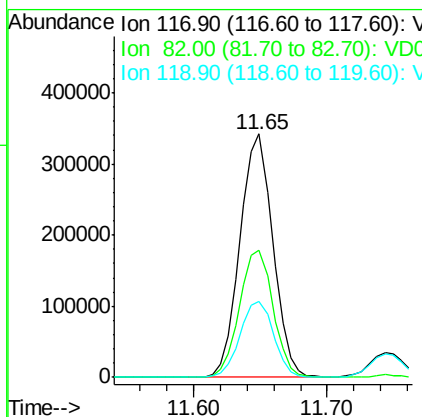
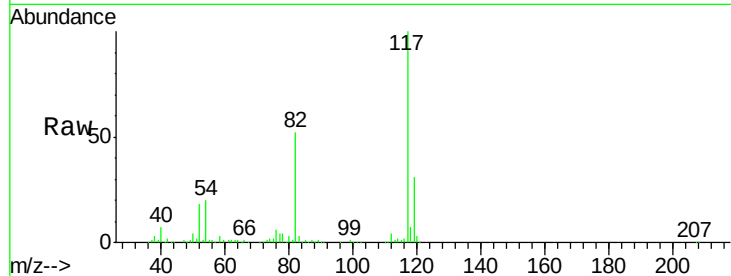
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD065928.D
Acq: 07 Jul 2020 18:38

Instrument :
MSVOA_D
ClientSampleId :
VD0707SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	585284		
82	52.2		41.8	62.8
119	31.4		24.3	36.5

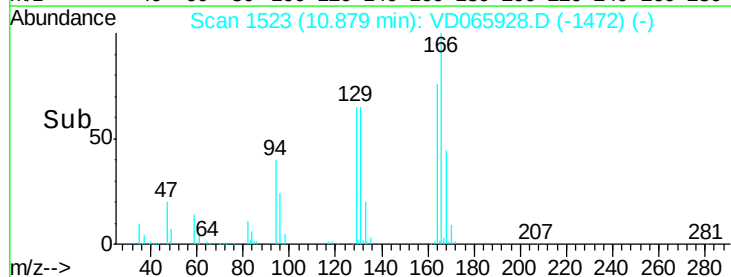
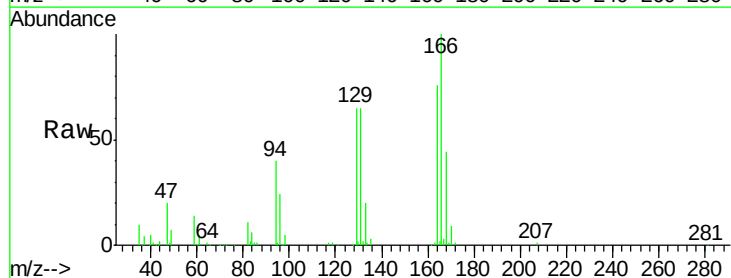
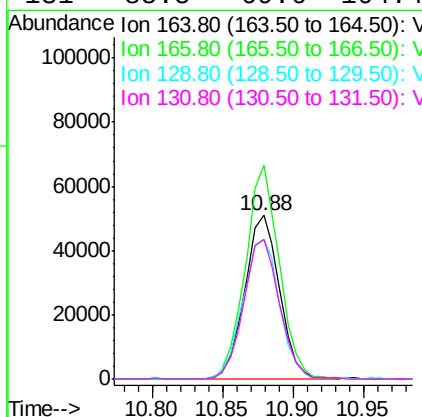
Manual Integrations
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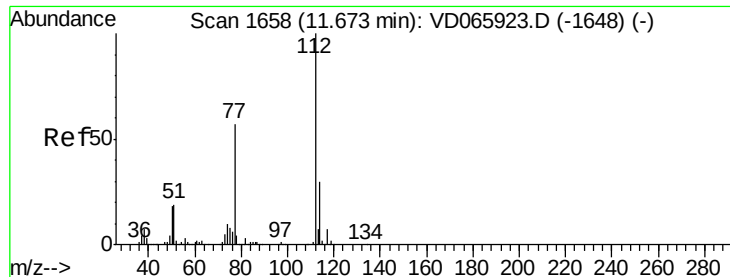
MMDadoda
7/8/2020 12:05:23 PM



#64
Tetrachloroethene
Concen: 20.784 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065928.D
Acq: 07 Jul 2020 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	88462		
166	130.8		99.0	148.4
129	85.1		73.9	110.9
131	85.5		69.6	104.4





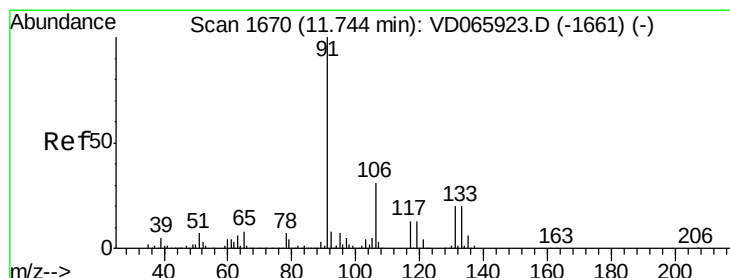
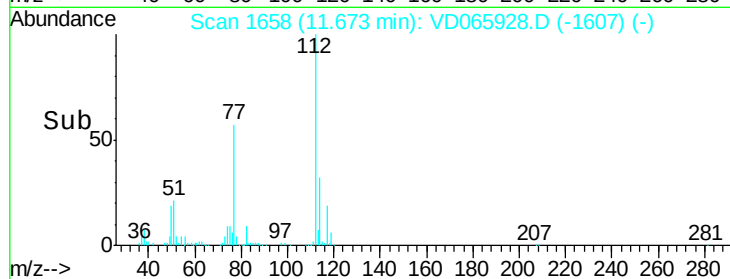
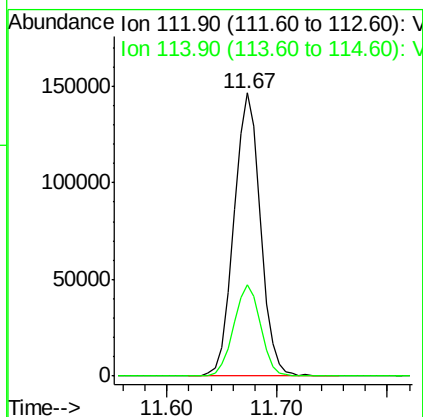
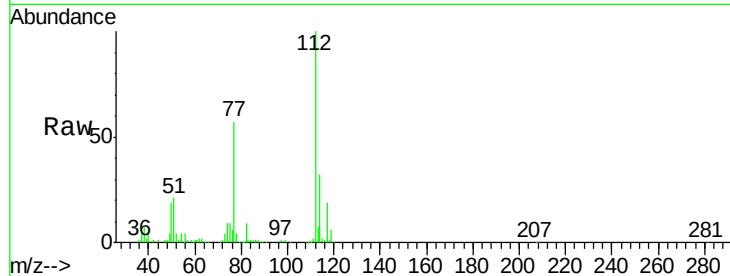
#65
Chlorobenzene
Concen: 20.969 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065928.D
Acq: 07 Jul 2020 18:38

Instrument :
MSVOA_D
ClientSampleId :
VD0707SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	24.2	36.4

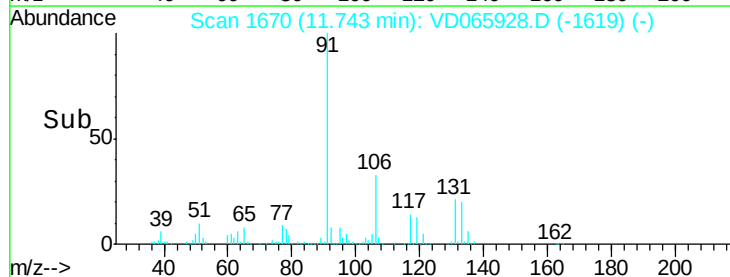
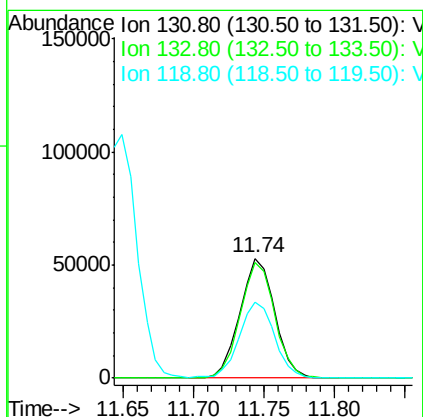
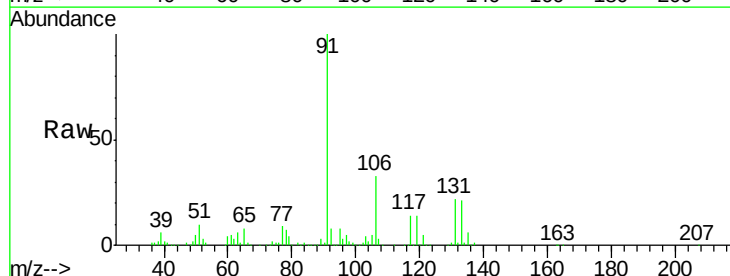
Manual Integrations
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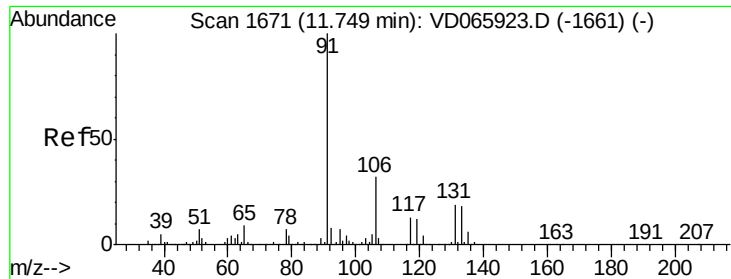
MMDadoda
7/8/2020 12:05:23 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.726 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD065928.D
Acq: 07 Jul 2020 18:38

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.5	47.9	143.6
119	64.4	31.9	95.9





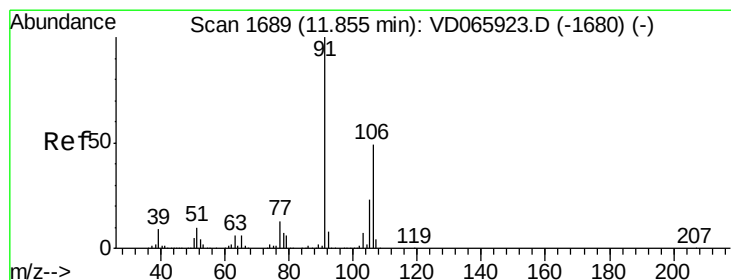
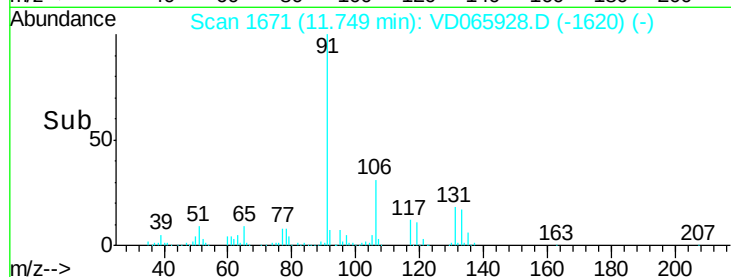
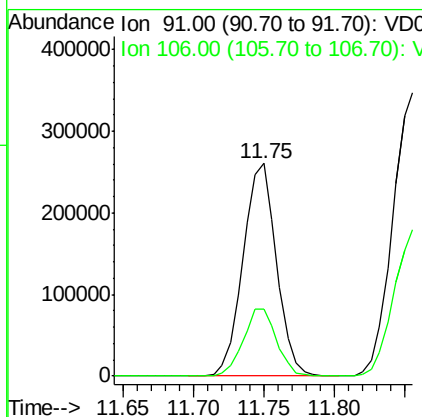
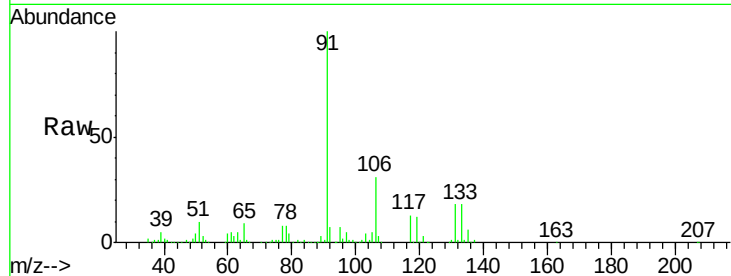
#67
Ethyl Benzene
Concen: 20.628 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065928.D
Acq: 07 Jul 2020 18:38

Instrument :
MSVOA_D
ClientSampleId :
VD0707SBS01

Tot Ion: 91 Resp: 432222
Ion Ratio Lower Upper
91 100
106 31.4 25.2 37.8

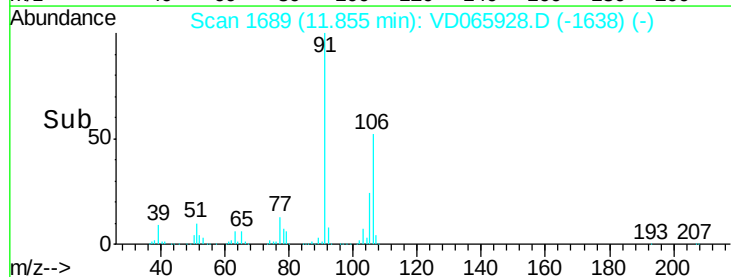
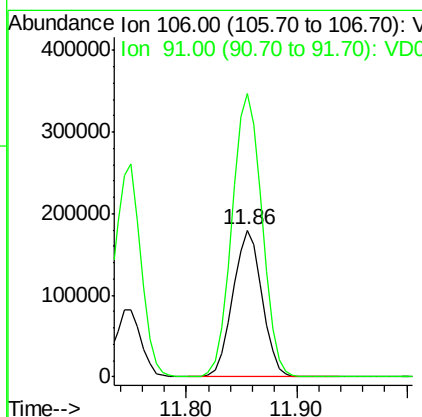
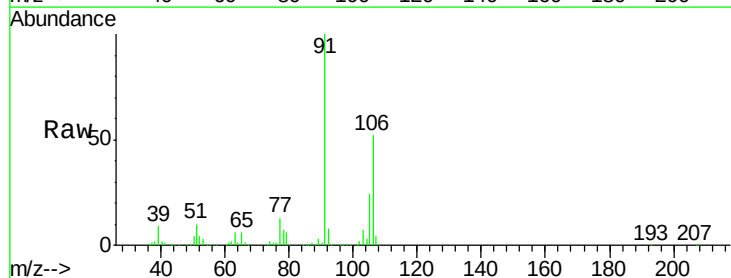
Manual Integrations
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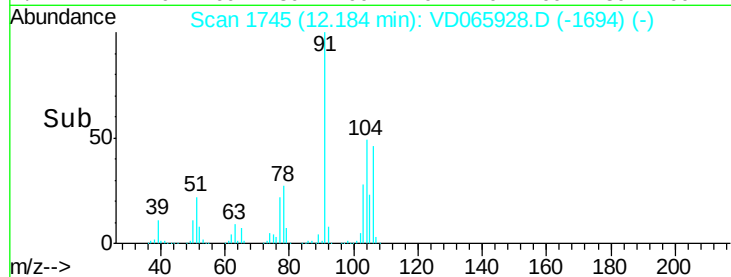
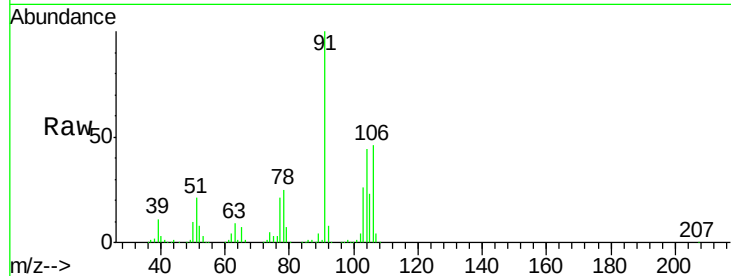
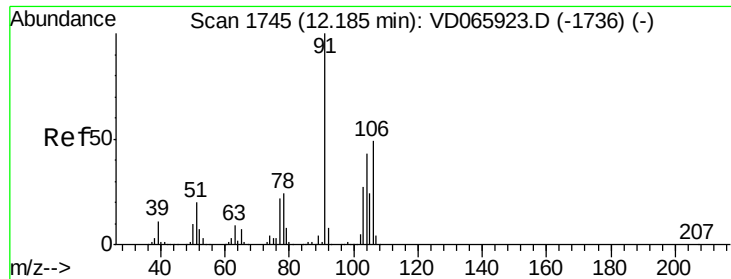
MMDadoda
7/8/2020 12:05:23 PM



#68
m/p-Xylenes
Concen: 41.826 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD065928.D
Acq: 07 Jul 2020 18:38

Tgt Ion: 106 Resp: 332967
Ion Ratio Lower Upper
106 100
91 199.1 158.2 237.2





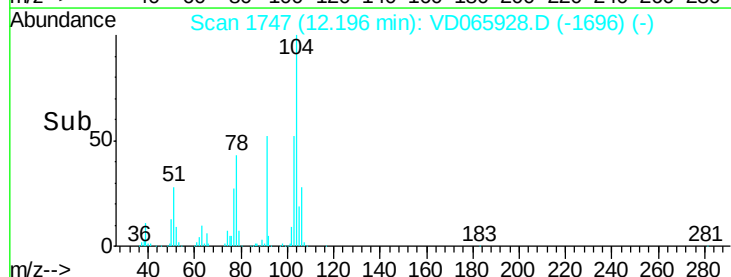
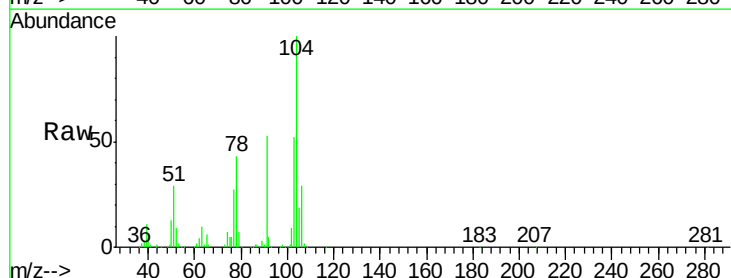
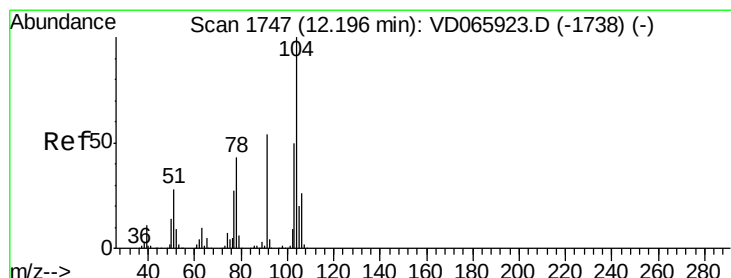
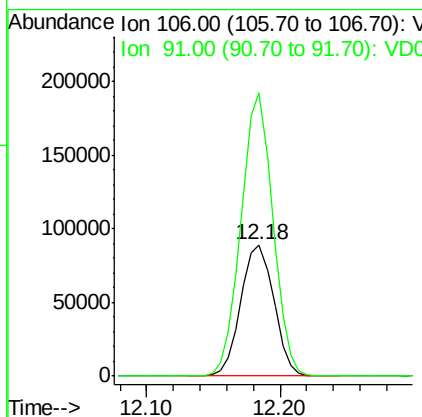
#69
o-Xylene
Concen: 21.125 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065928.D
Acq: 07 Jul 2020 18:38

Tot Ion	Ratio	Resp	Lower	Upper
106	100	153192		
91	207.0	104.1	312.2	

Instrument :
MSVOA_D
ClientSampleId :
VD0707SBS01

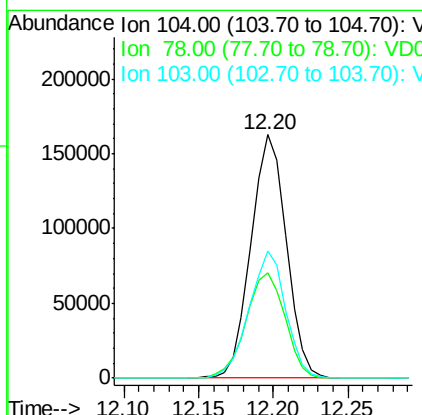
Manual Integrations
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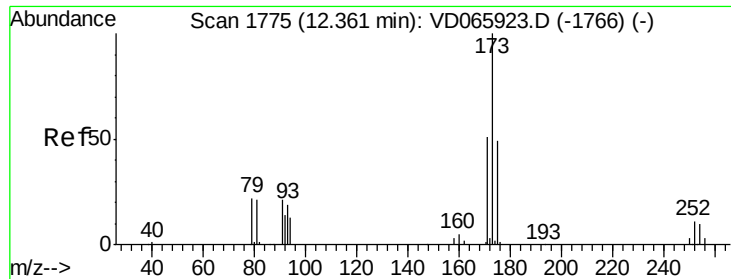
MMDadoda
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#70
Styrene
Concen: 21.326 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD065928.D
Acq: 07 Jul 2020 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	266964		
78	47.7	38.8	58.2	
103	53.9	43.6	65.4	





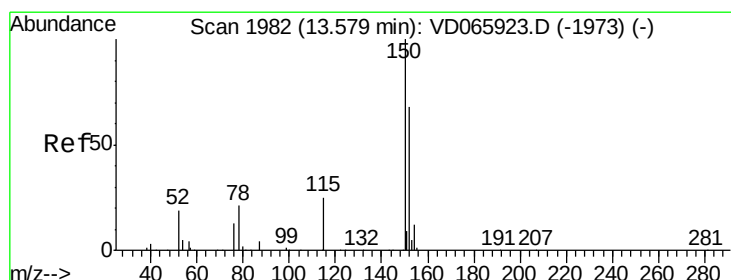
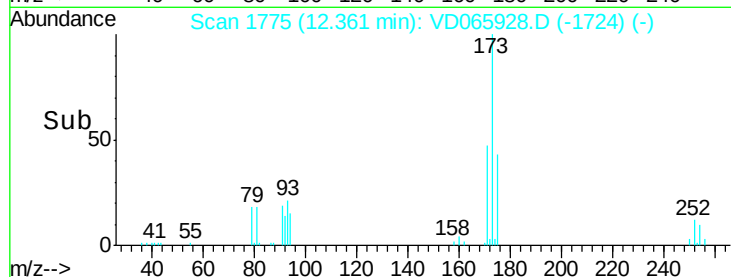
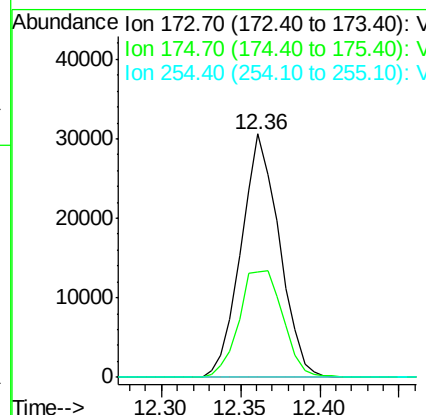
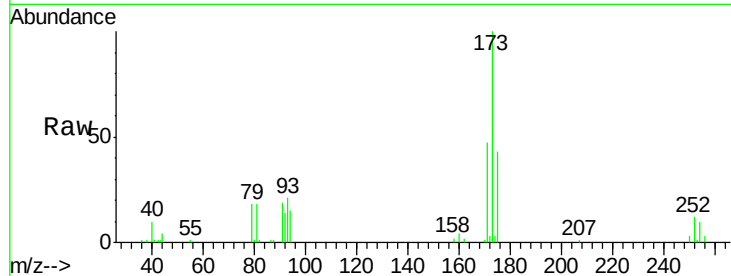
#71
Bromoform
Concen: 20.576 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.00 min
Lab File: VD065928.D
Acq: 07 Jul 2020 18:38

Instrument :
MSVOA_D
ClientSampleId :
VD0707SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.4	24.2	72.6
254	0.0	0.0	0.0

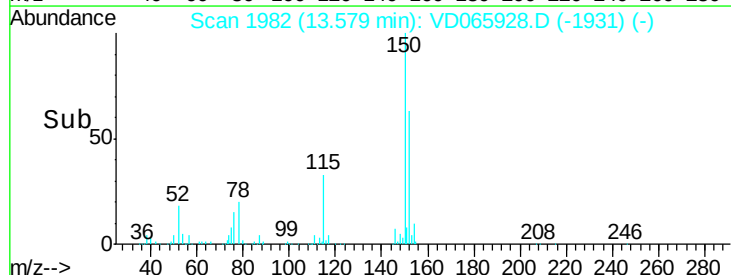
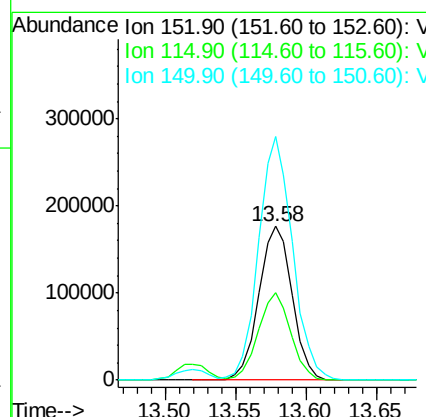
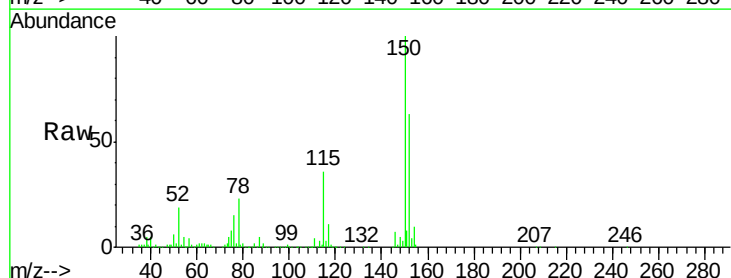
Manual Integrations
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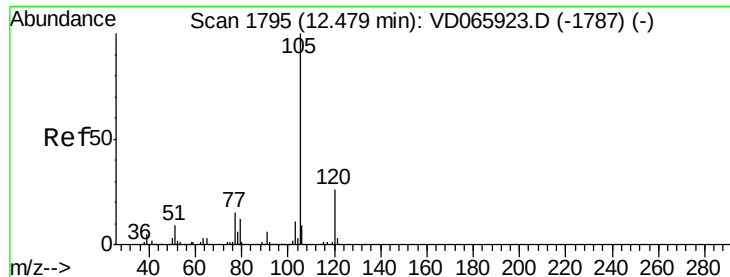
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD065928.D
Acq: 07 Jul 2020 18:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.5	27.8	83.3
150	161.9	0.0	347.2





#73

Isopropylbenzene

Concen: 20.265 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD065928.D

Acq: 07 Jul 2020 18:38

Instrument :

MSVOA_D

ClientSampleId :

VD0707SBS01

Tot Ion: 105 Resp: 413008

Ion Ratio Lower Upper

105 100

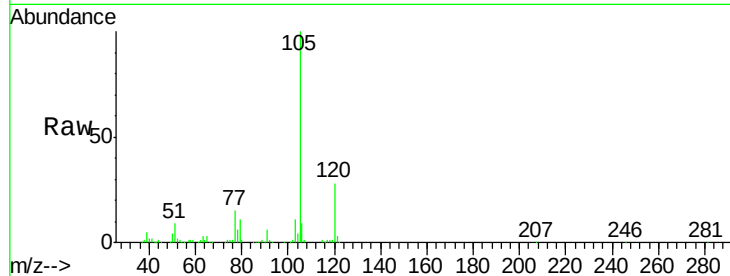
120 26.9 13.3 39.8

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

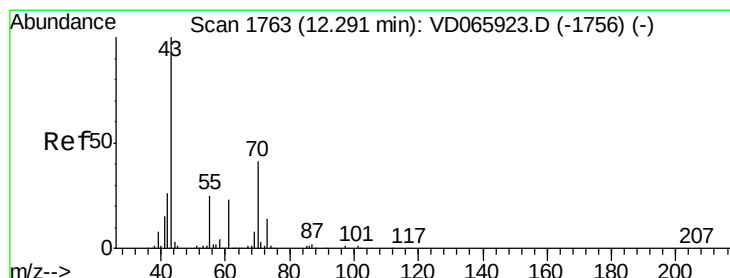
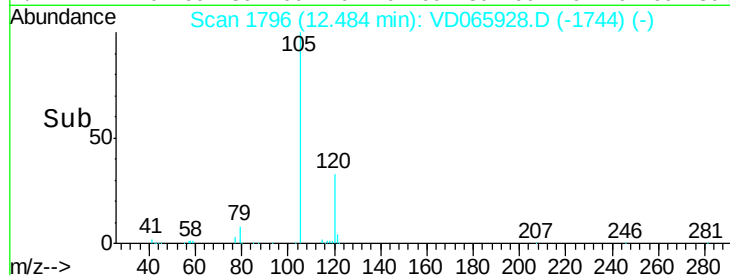
50000

0

12.40

12.50

Time-->



#74

N-ethyl acetate

Concen: 20.664 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD065928.D

Acq: 07 Jul 2020 18:38

Tgt Ion: 43 Resp: 94500

Ion Ratio Lower Upper

43 100

70 40.5 33.6 50.4

55 24.6 20.1 30.1

61 23.0 18.9 28.3

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

80000

60000

40000

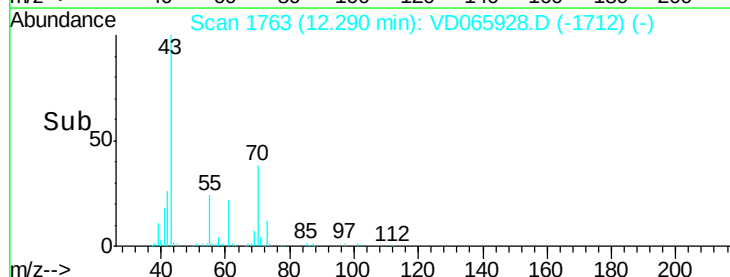
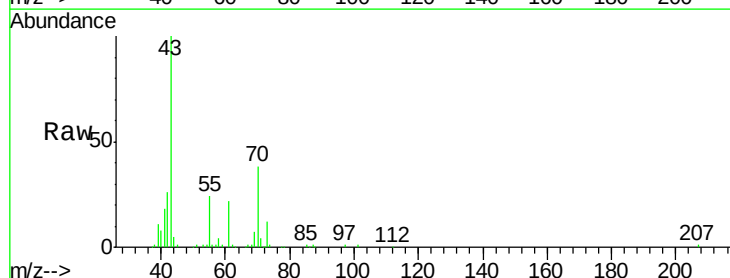
20000

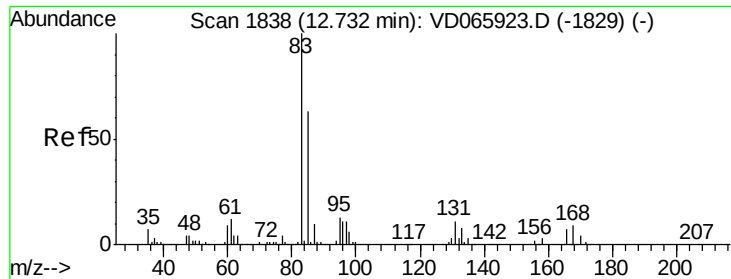
0

12.20

12.30

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.633 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD065928.D

Acq: 07 Jul 2020 18:38

Instrument :

MSVOA_D

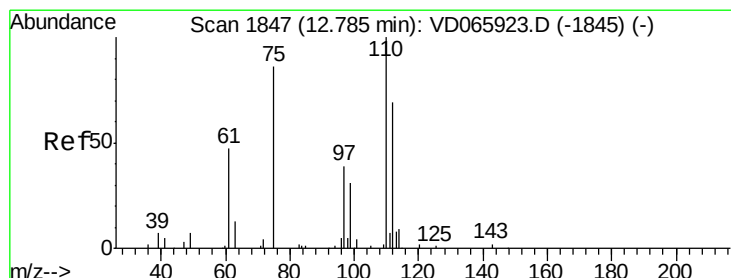
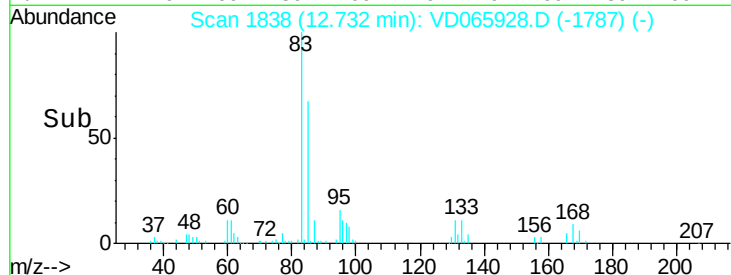
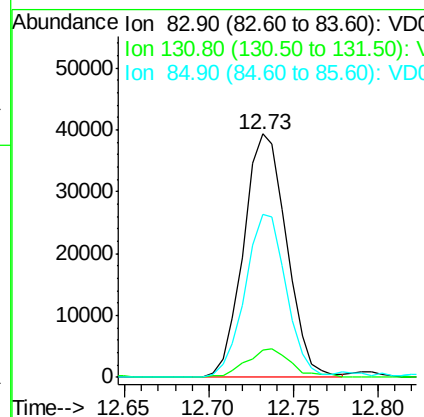
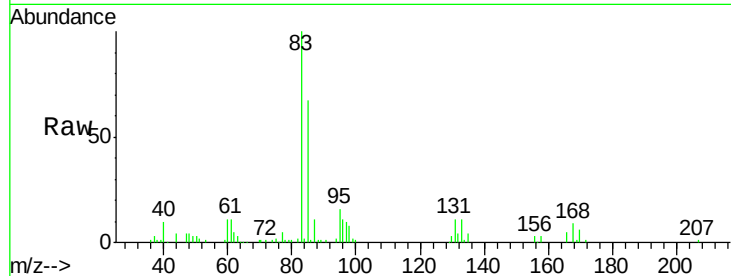
ClientSampleId :

VD0707SBS01

Tot Ion:	83	Resp:	69811
Ion Ratio	Lower	Upper	
83	100		
131	12.1	5.6	16.8
85	64.0	32.6	98.0

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#76

1,2,3-Trichloropropane

Concen: 19.546 ug/l m

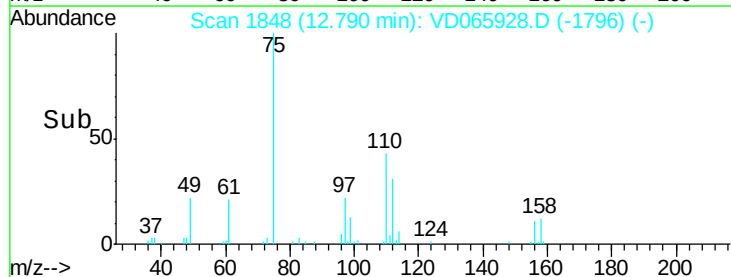
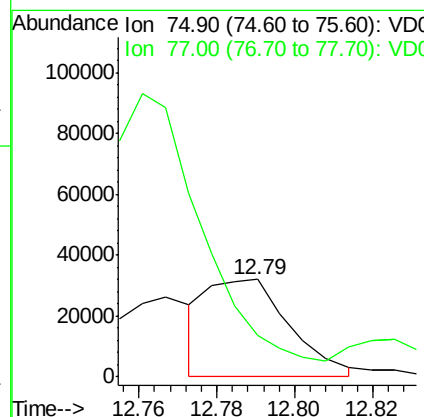
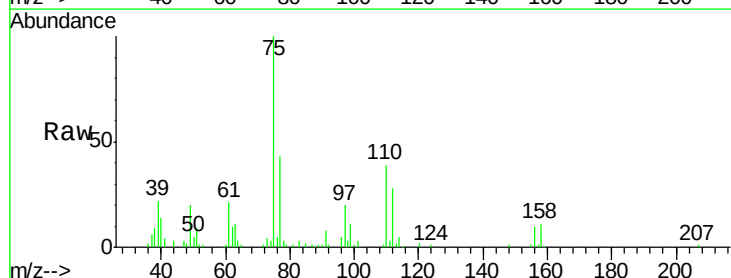
RT: 12.79 min Scan# 1848

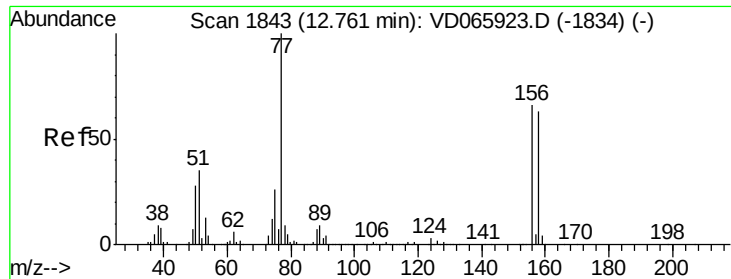
Delta R.T. 0.01 min

Lab File: VD065928.D

Acq: 07 Jul 2020 18:38

Tgt Ion:	75	Resp:	47881
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.673 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD065928.D

Acq: 07 Jul 2020 18:38

Instrument :

MSVOA_D

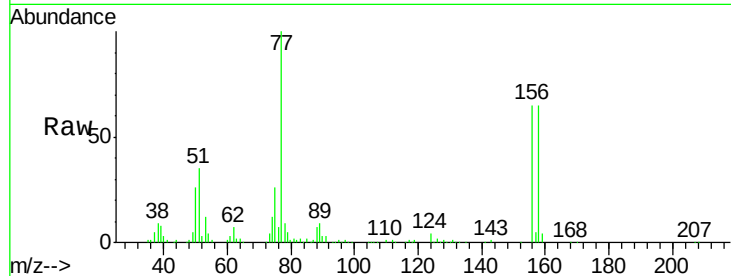
ClientSampleId :

VD0707SBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	173.5	85.0	255.0	
158	97.9	49.0	147.0	

Manual Integrations
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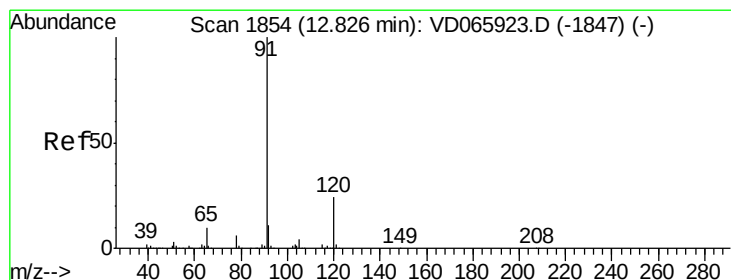
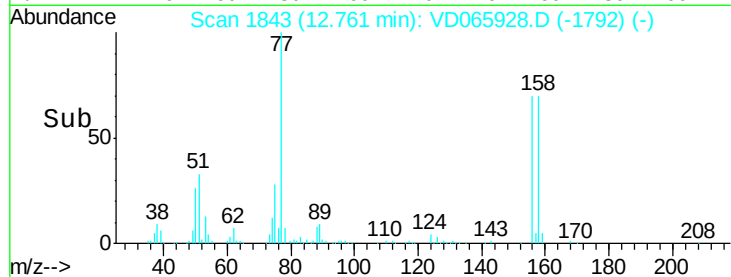
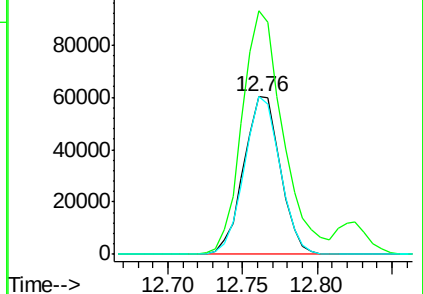
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.553 ug/l

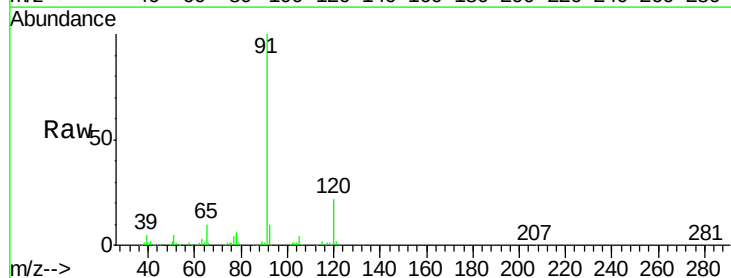
RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD065928.D

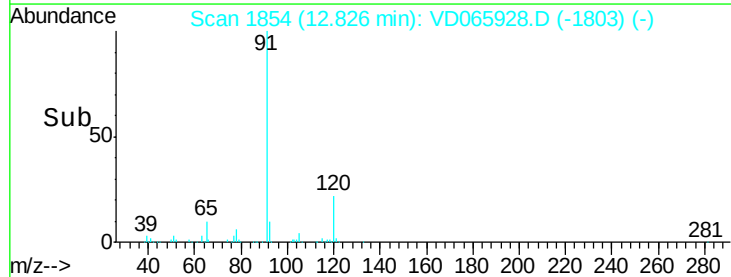
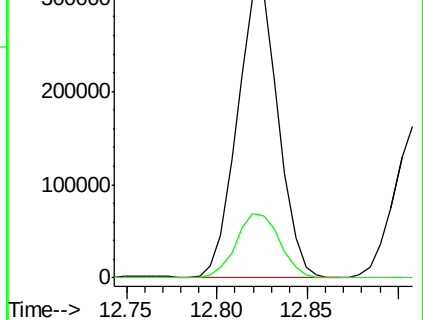
Acq: 07 Jul 2020 18:38

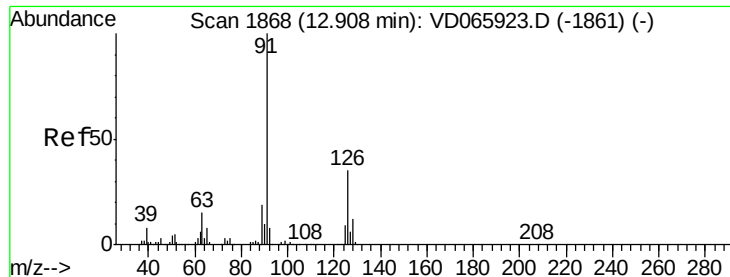
Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.7	11.8	35.4	



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





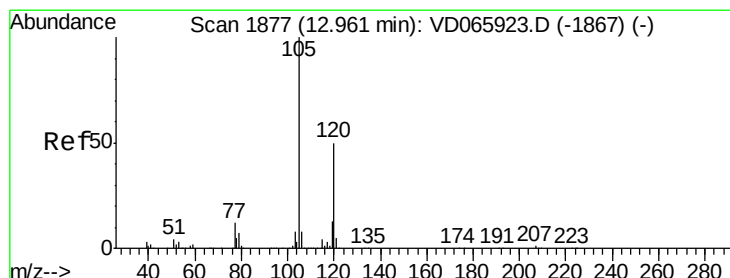
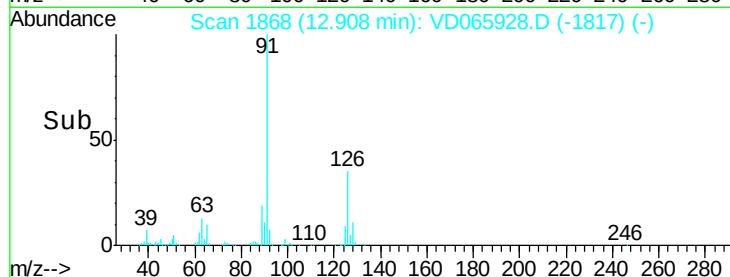
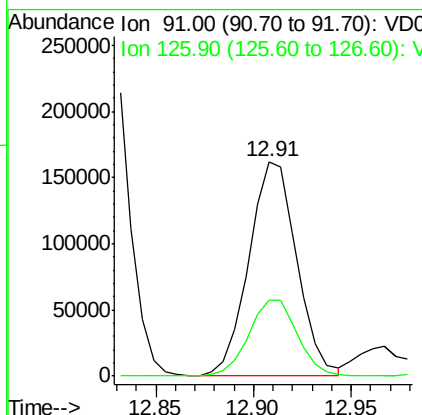
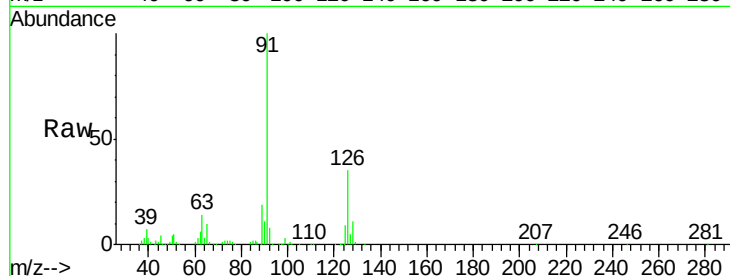
#79
2-Chlorotoluene
Concen: 20.324 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VD065928.D
Acq: 07 Jul 2020 18:38

Instrument :
MSVOA_D
ClientSampleId :
VD0707SBS01

Tot Ion: 91 Resp: 275497
Ion Ratio Lower Upper
91 100
126 36.1 17.6 52.8

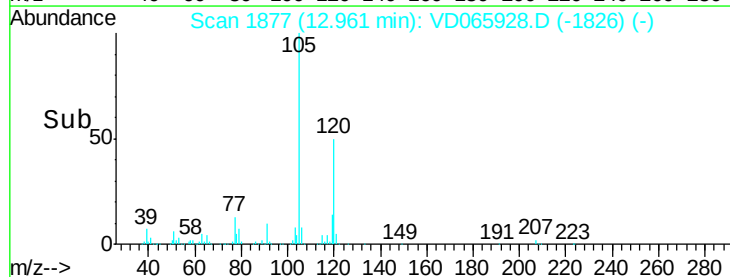
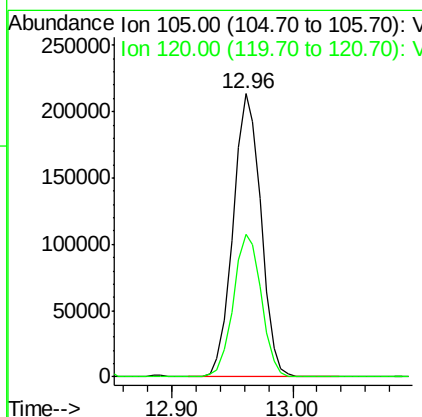
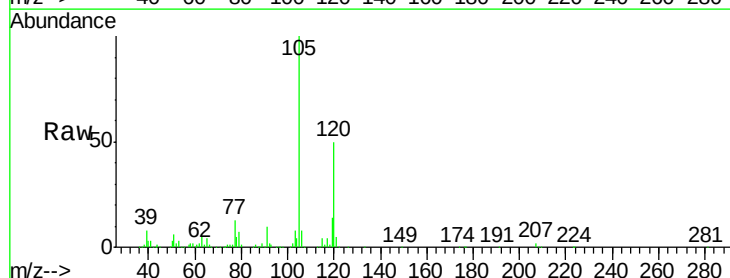
Manual Integrations
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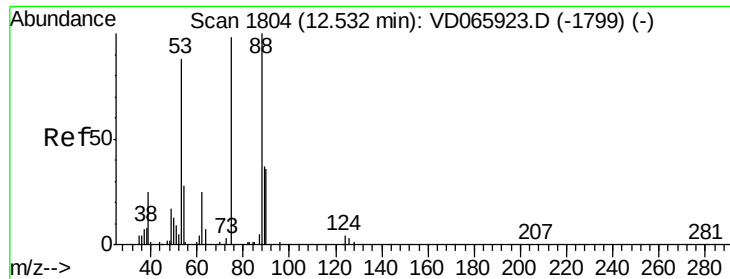
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 20.584 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VD065928.D
Acq: 07 Jul 2020 18:38

Tgt Ion: 105 Resp: 343127
Ion Ratio Lower Upper
105 100
120 50.4 25.2 75.6





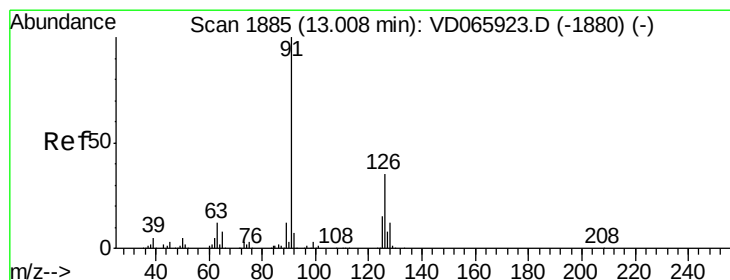
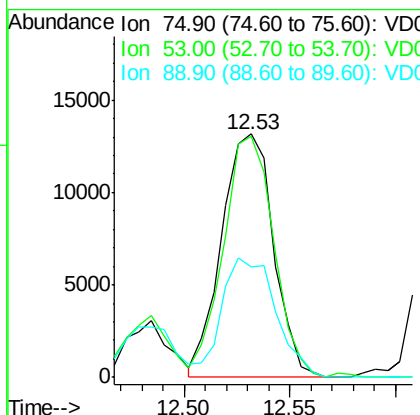
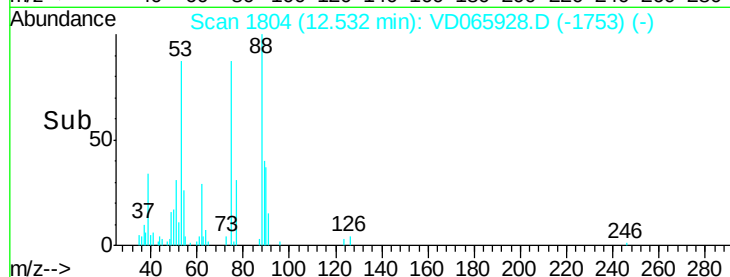
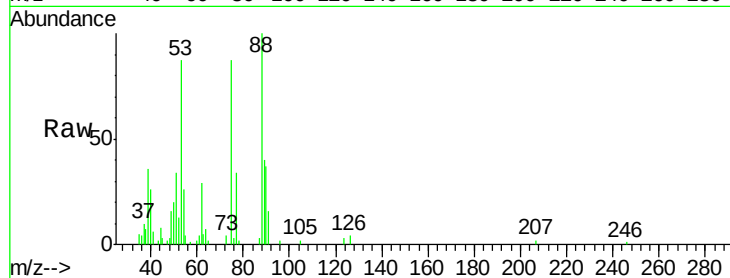
#81
trans-1,4-Dichloro-2-butene
Concen: 19.605 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD065928.D
Acq: 07 Jul 2020 18:38

Instrument :
MSVOA_D
ClientSampleId :
VD0707SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.2	75.8	113.8
89	51.6	37.5	56.3

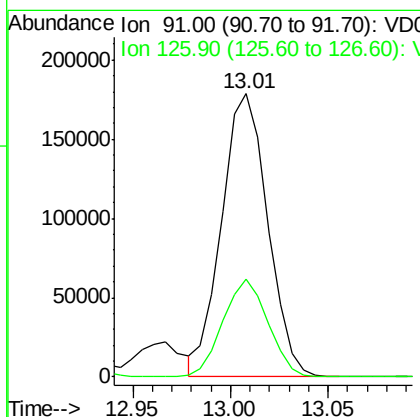
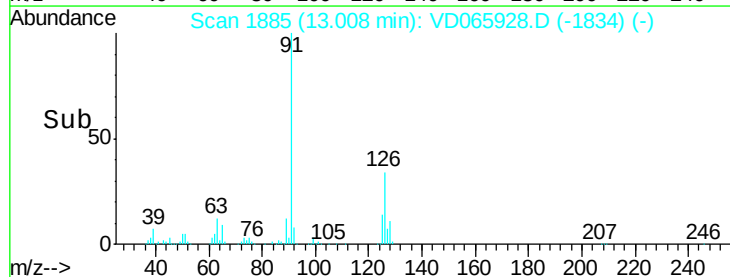
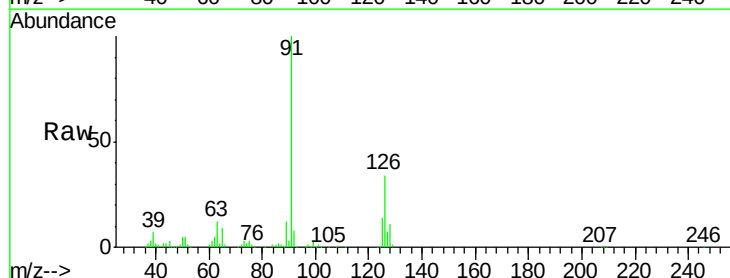
Manual Integrations
APPROVED

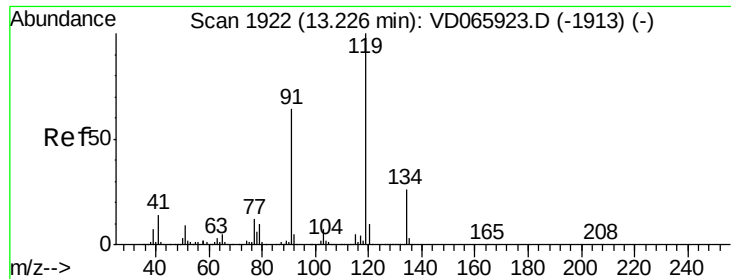
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#82
4-Chlorotoluene
Concen: 20.604 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD065928.D
Acq: 07 Jul 2020 18:38

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.8	17.3	51.7





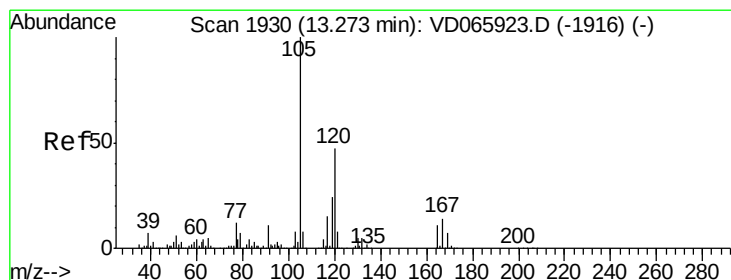
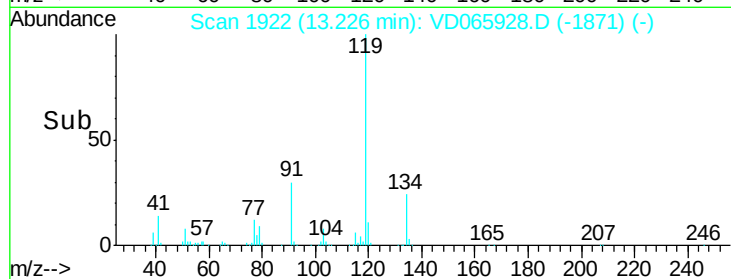
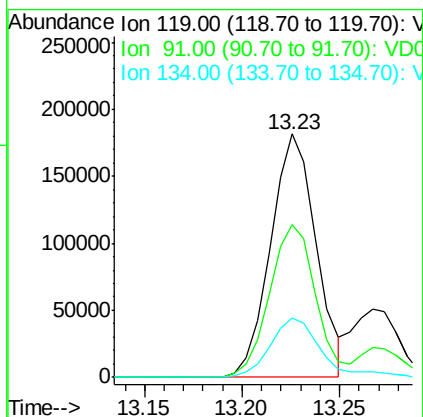
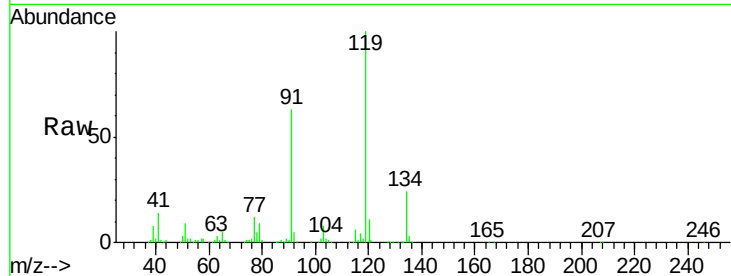
#83
tert-Butylbenzene
Concen: 20.618 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD065928.D
Acq: 07 Jul 2020 18:38

Instrument :
MSVOA_D
ClientSampleId :
VD0707SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	292816		
91	63.9		32.4	97.2
134	27.2		14.1	42.4

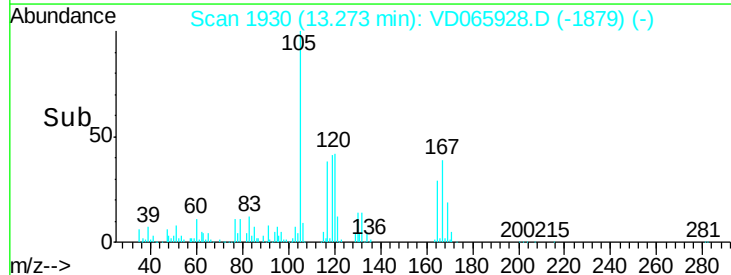
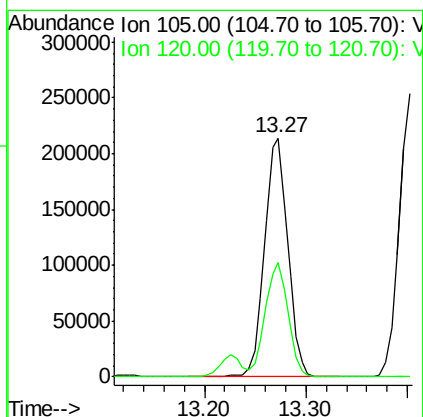
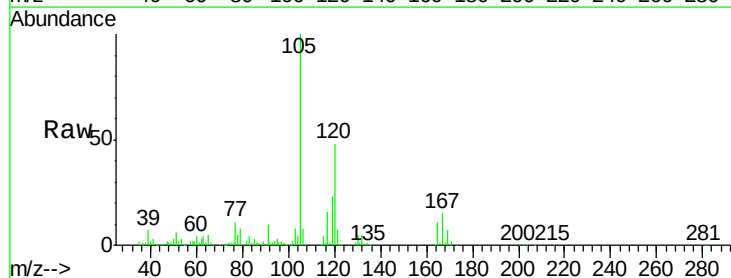
Manual Integrations
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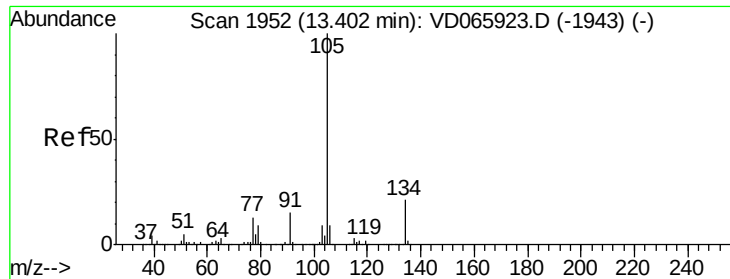
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 20.595 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD065928.D
Acq: 07 Jul 2020 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	341741		
120	46.5		23.2	69.5





#85

sec-Butylbenzene

Concen: 20.236 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD065928.D

Acq: 07 Jul 2020 18:38

Instrument :

MSVOA_D

ClientSampleId :

VD0707SBS01

Tot Ion:105 Resp: 407288

Ion Ratio Lower Upper

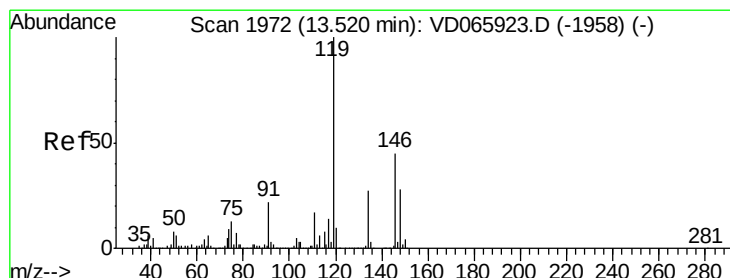
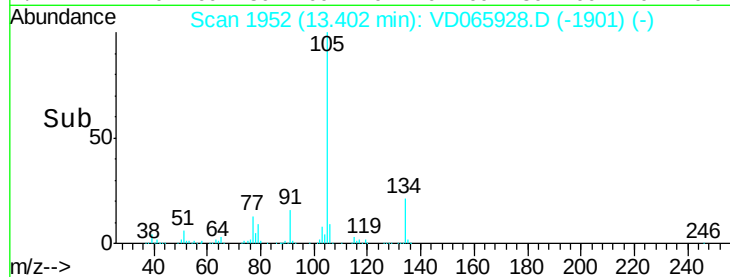
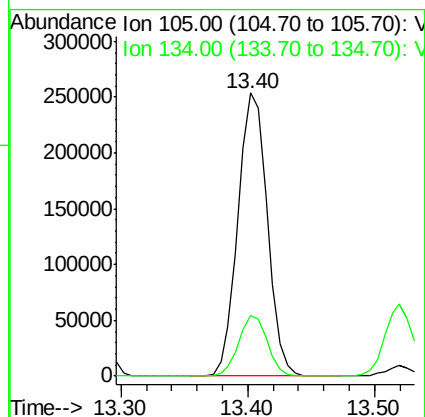
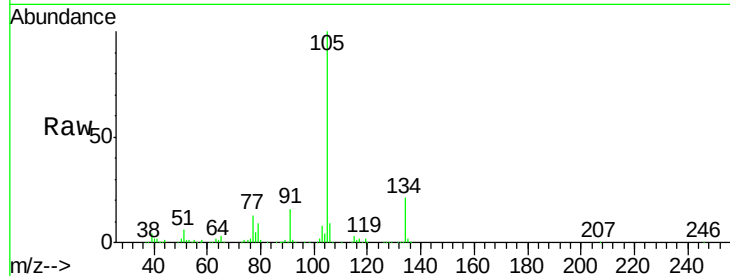
105 100

134 20.9 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 20.562 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065928.D

Acq: 07 Jul 2020 18:38

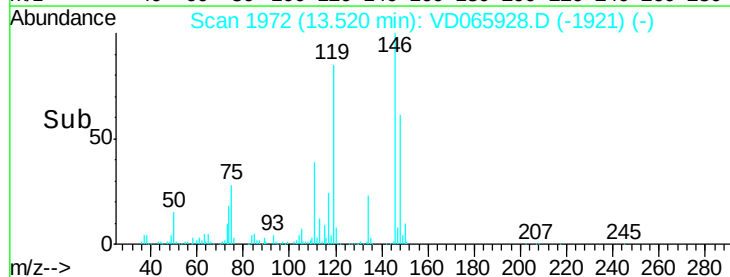
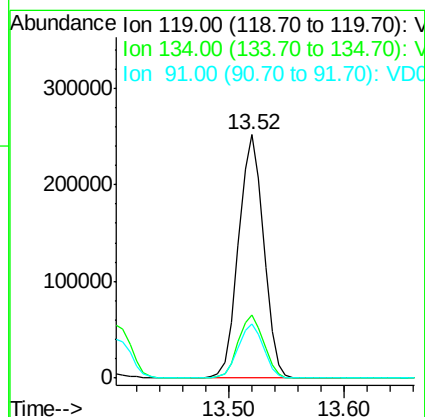
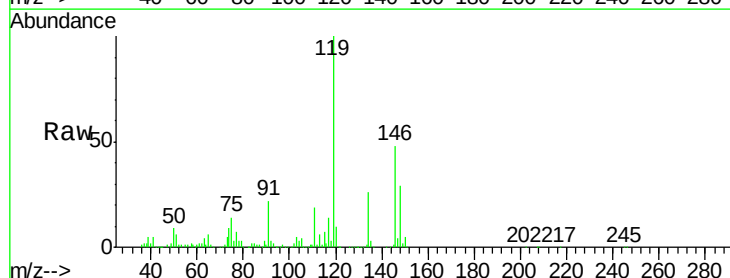
Tgt Ion:119 Resp: 378522

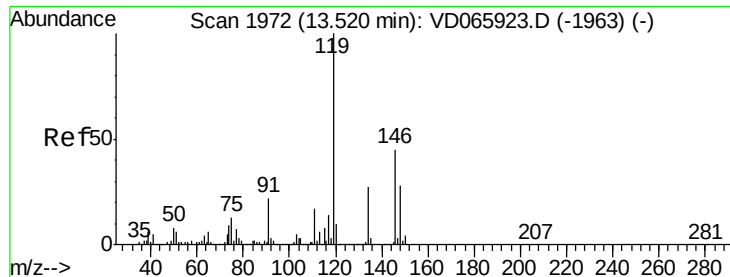
Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.1

91 22.5 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 20.856 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065928.D

Acq: 07 Jul 2020 18:38

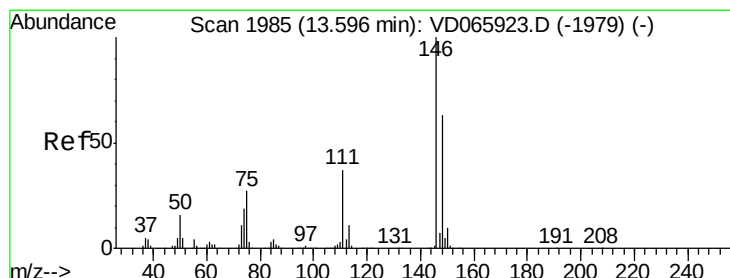
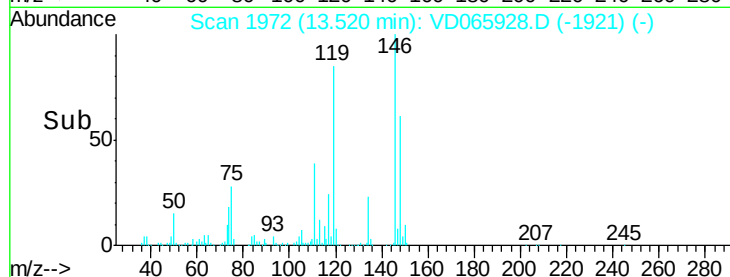
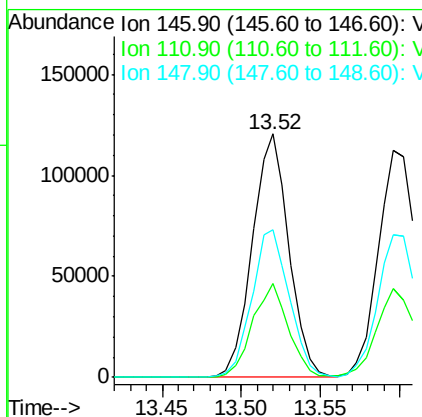
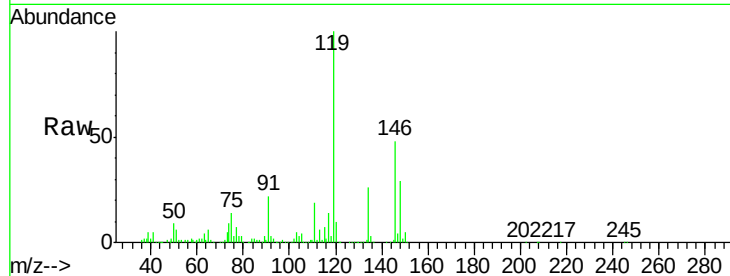
Instrument :
MSVOA_D

ClientSampleId :
VD0707SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	192908		
111	38.1	19.3	57.8	
148	62.5	32.0	96.0	

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 20.489 ug/l

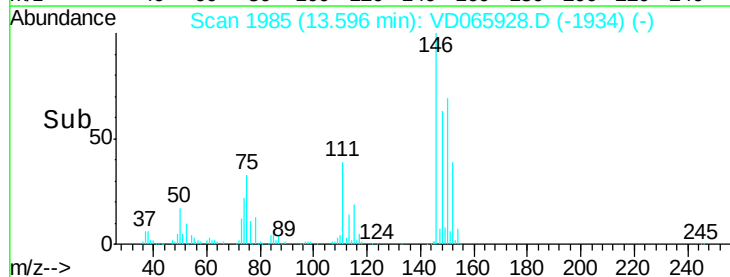
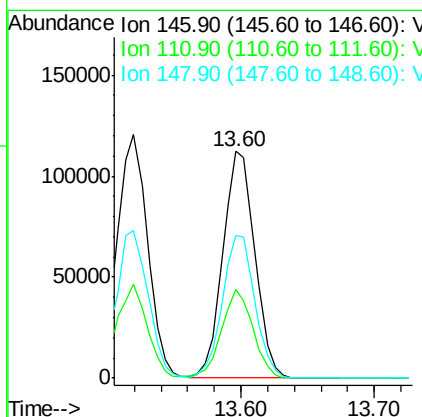
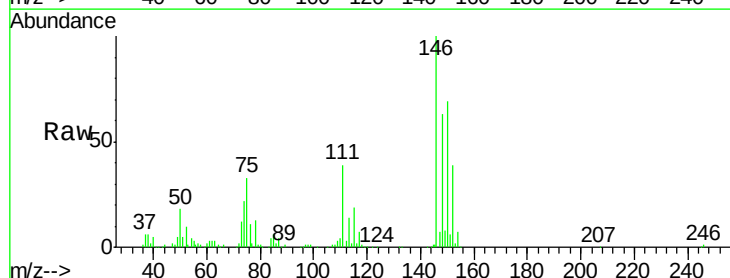
RT: 13.60 min Scan# 1985

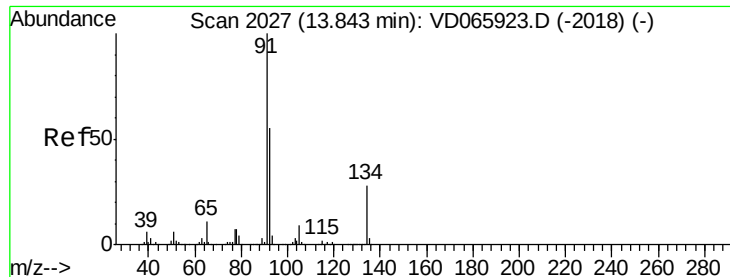
Delta R.T. -0.00 min

Lab File: VD065928.D

Acq: 07 Jul 2020 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	189065		
111	38.5	18.9	56.7	
148	64.0	32.1	96.3	





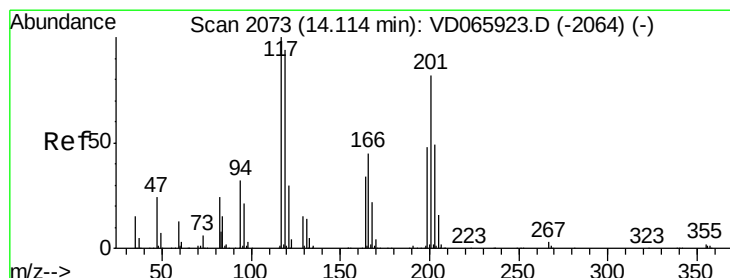
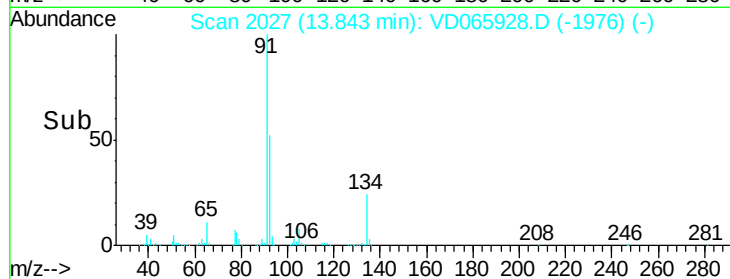
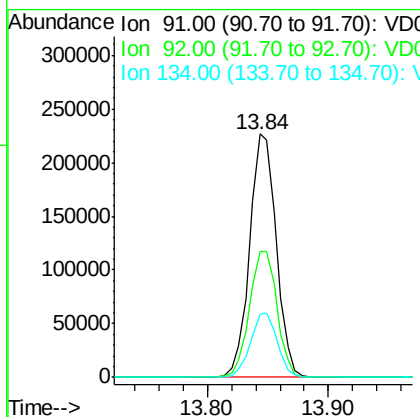
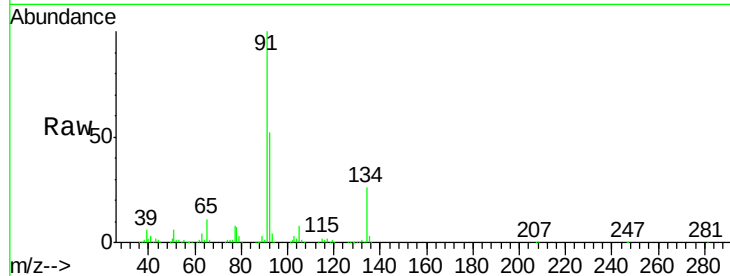
#89
n-Butylbenzene
Concen: 20.215 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD065928.D
Acq: 07 Jul 2020 18:38

Instrument :
MSVOA_D
ClientSampleId :
VD0707SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.2	81.6
134	26.4	13.8	41.3

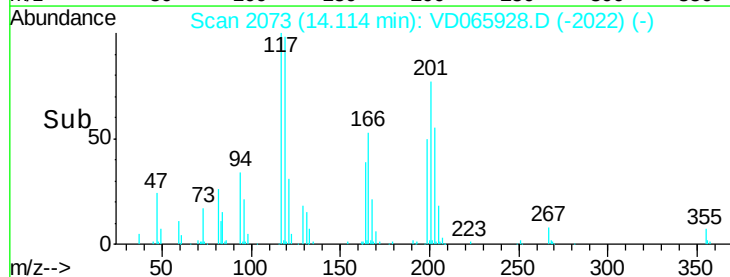
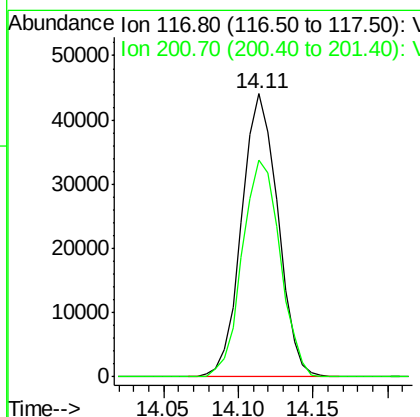
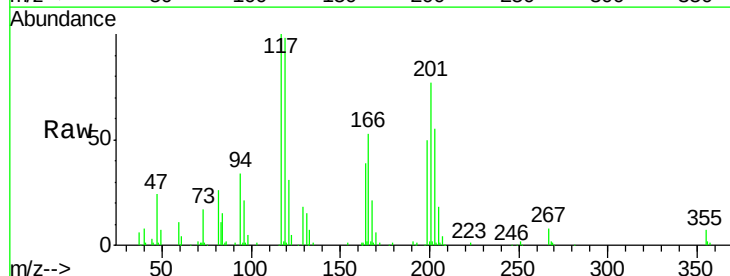
Manual Integrations
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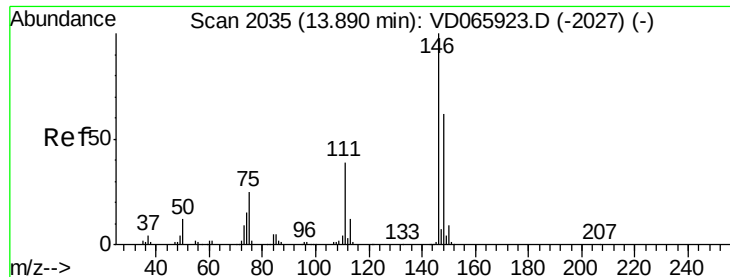
MMDadoda
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#90
Hexachloroethane
Concen: 19.938 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD065928.D
Acq: 07 Jul 2020 18:38

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.1	40.0	120.0





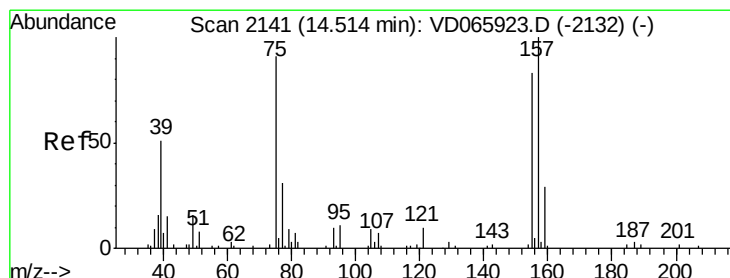
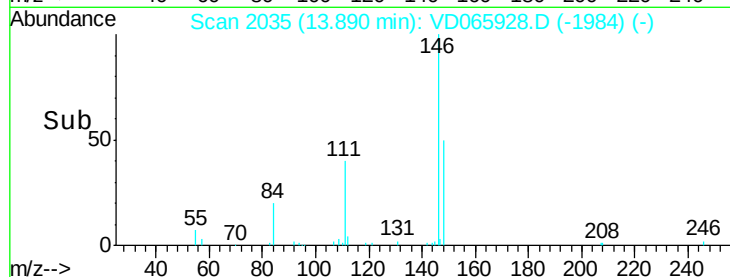
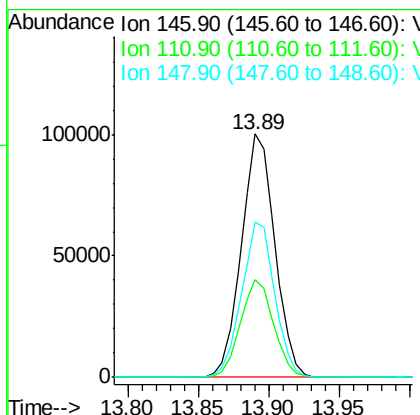
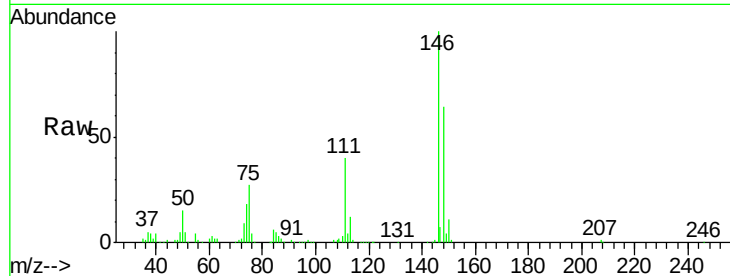
#91
 1,2-Dichlorobenzene
 Concen: 20.534 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD065928.D
 Acq: 07 Jul 2020 18:38

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0707SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.7	59.0
148	63.3	32.5	97.5

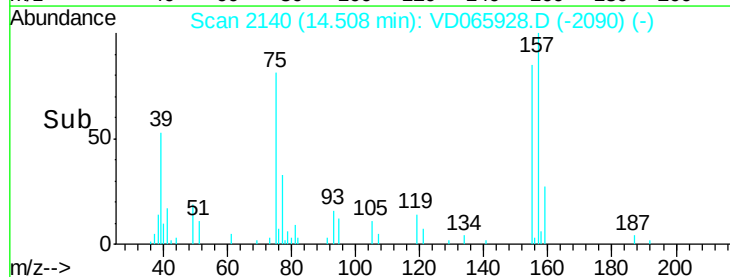
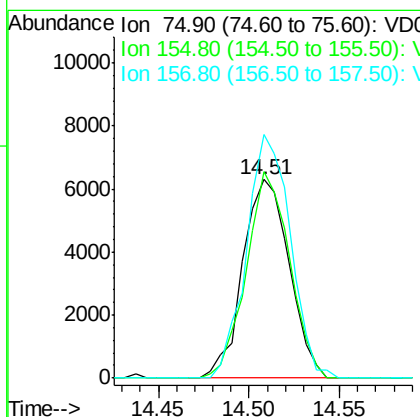
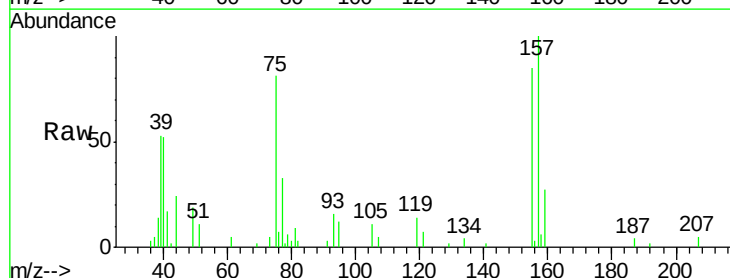
Manual Integrations
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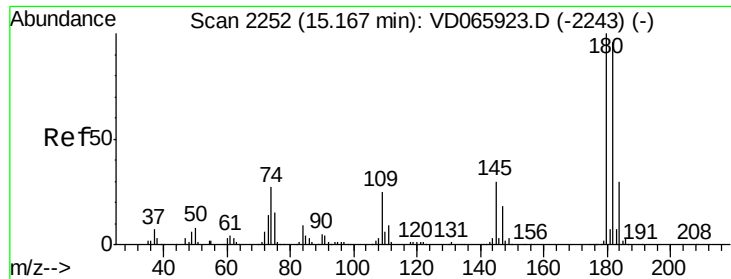
MMDadoda
 7/8/2020 12:05:23 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.789 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD065928.D
 Acq: 07 Jul 2020 18:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.2	45.3	135.8
157	115.8	56.9	170.6





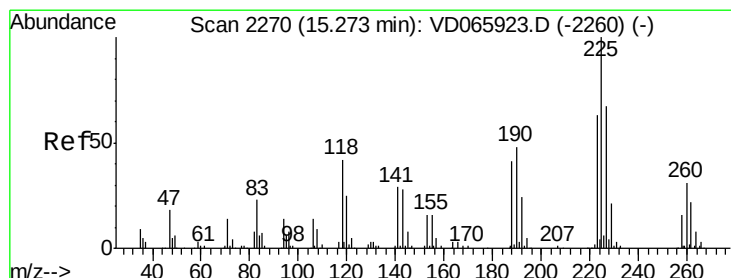
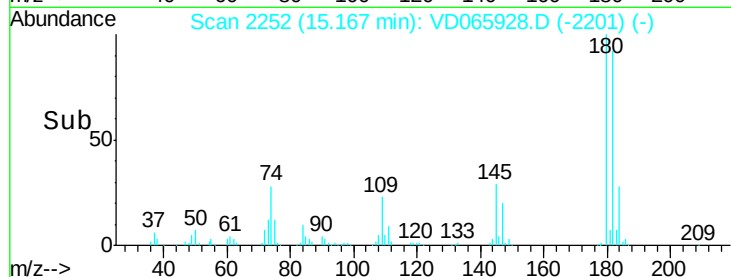
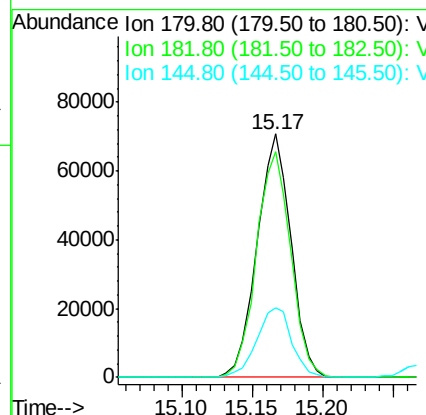
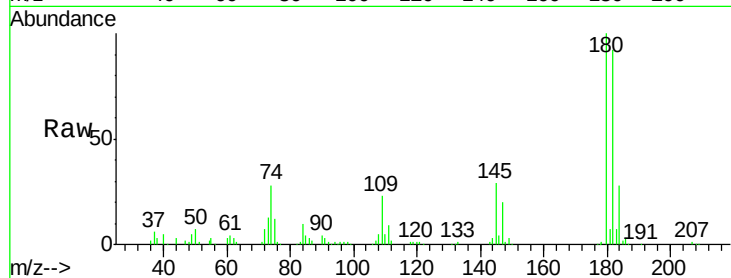
#93
 1,2,4-Trichlorobenzene
 Concen: 20.668 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD065928.D
 Acq: 07 Jul 2020 18:38

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0707SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	119082		
182	93.6	48.5	145.6	
145	29.7	15.0	45.1	

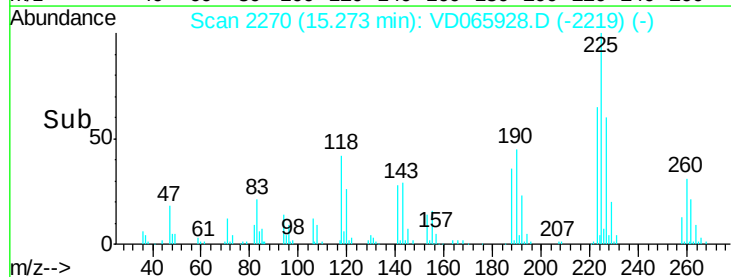
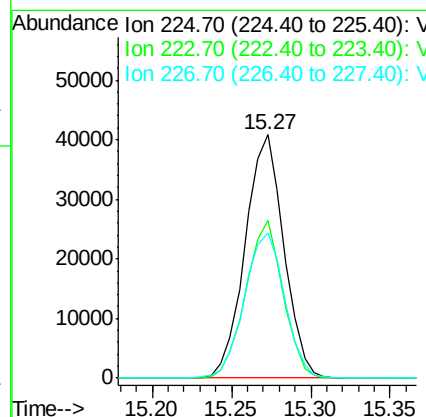
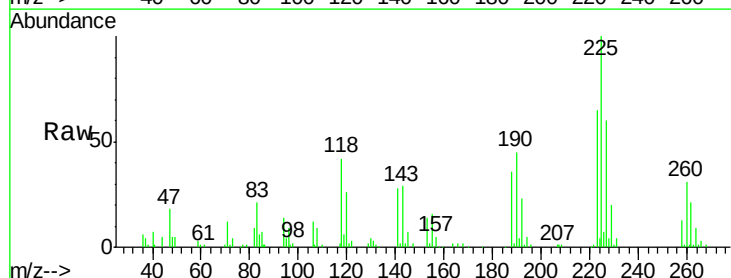
Manual Integrations
 APPROVED

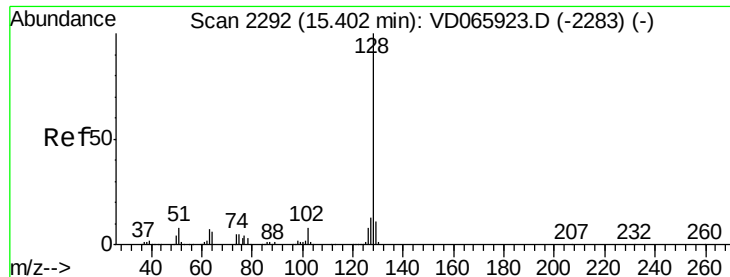
MMDadoda
 7/8/2020 12:05:23 PM



#94
 Hexachlorobutadiene
 Concen: 19.792 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD065928.D
 Acq: 07 Jul 2020 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	68981		
223	62.3	31.1	93.2	
227	62.4	31.6	95.0	





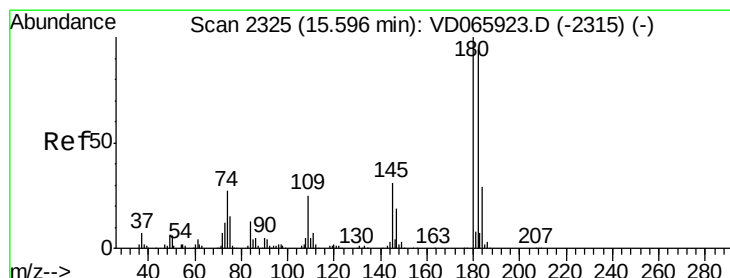
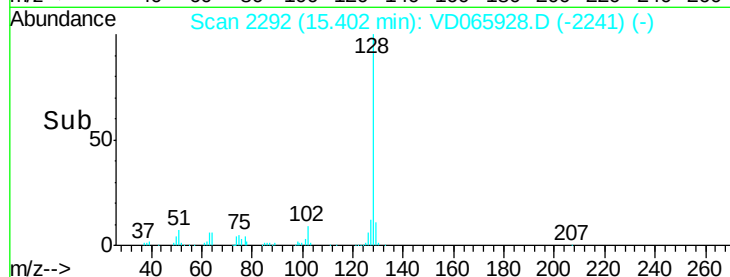
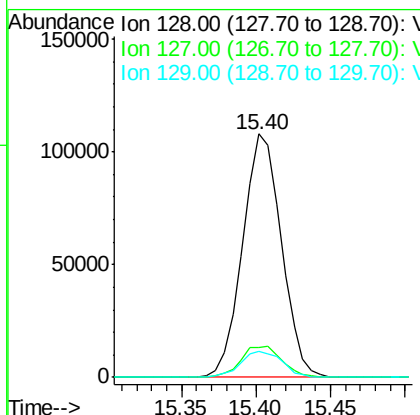
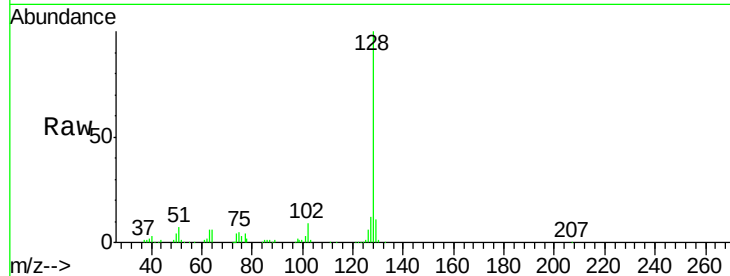
#95
Naphthalene
Concen: 20.089 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.00 min
Lab File: VD065928.D
Acq: 07 Jul 2020 18:38

Instrument :
MSVOA_D
ClientSampleId :
VD0707SBS01

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	13.5	10.8	16.2
129	11.5	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/8/2020 12:05:23 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.023 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.00 min
Lab File: VD065928.D
Acq: 07 Jul 2020 18:38

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.5	47.6	142.8
145	29.9	16.1	48.2

