

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092920\
 Data File : VD066953.D
 Acq On : 29 Sep 2020 23:09
 Operator : VA/SY
 Sample : VW0929SBS02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VW0929SBS02

Manual Integrations
 APPROVED

MMDadoda
 9/30/2020 1:22:24 PM

Quant Time: Sep 30 04:45:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	385013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	641982	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	595830	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	284937	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	173919	46.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.30%	
35) Dibromofluoromethane	7.91	113	190367	46.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.22%	
50) Toluene-d8	10.34	98	663913	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	
62) 4-Bromofluorobenzene	12.63	95	231487	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	64330	20.533	ug/l	88
3) Chloromethane	2.20	50	67512	19.085	ug/l	96
4) Vinyl Chloride	2.34	62	63562	18.188	ug/l	98
5) Bromomethane	2.76	94	48757	19.849	ug/l	95
6) Chloroethane	2.92	64	40255	18.549	ug/l	99
7) Trichlorofluoromethane	3.27	101	140564	19.584	ug/l	95
8) Diethyl Ether	3.71	74	39513	21.685	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	84831	20.383	ug/l	98
10) Methyl Iodide	4.30	142	74957	20.410	ug/l	94
11) Tert butyl alcohol	5.22	59	31528	112.125	ug/l #	83
12) 1,1-Dichloroethene	4.07	96	79674	21.133	ug/l	98
13) Acrolein	3.92	56	18509	66.582	ug/l	99
14) Allyl chloride	4.71	41	109316	19.746	ug/l	96
15) Acrylonitrile	5.43	53	84868	105.100	ug/l	99
16) Acetone	4.16	43	63427	79.344	ug/l	93
17) Carbon Disulfide	4.41	76	229484	19.910	ug/l	98
18) Methyl Acetate	4.72	43	46493	24.193	ug/l	94
19) Methyl tert-butyl Ether	5.47	73	173847	21.233	ug/l	99
20) Methylene Chloride	4.96	84	106115	21.248	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	93928	21.516	ug/l	96
22) Diisopropyl ether	6.37	45	239320	21.025	ug/l	96
23) Vinyl Acetate	6.30	43	542316	89.487	ug/l	98
24) 1,1-Dichloroethane	6.27	63	158753	20.848	ug/l	98
25) 2-Butanone	7.21	43	96286	100.229	ug/l	95
26) 2,2-Dichloropropane	7.20	77	126925	18.185	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	105578	22.259	ug/l	95
28) Bromochloromethane	7.55	49	60019	19.078	ug/l	91
29) Tetrahydrofuran	7.57	42	65120	105.793	ug/l	97
30) Chloroform	7.71	83	176456	21.497	ug/l	90
31) Cyclohexane	7.99	56	127518	18.611	ug/l	90
32) 1,1,1-Trichloroethane	7.90	97	151017	20.338	ug/l	99
36) 1,1-Dichloropropene	8.11	75	123113	19.330	ug/l	98
37) Ethyl Acetate	7.29	43	45226	19.643	ug/l #	92
38) Carbon Tetrachloride	8.10	117	133666	19.196	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	136650	18.687	ug/l	97
40) Benzene	8.35	78	360252	20.296	ug/l	97
41) Methacrylonitrile	7.53	41	24281m	17.149	ug/l	
42) 1,2-Dichloroethane	8.42	62	104930	19.996	ug/l	97
43) Isopropyl Acetate	8.45	43	87802	19.780	ug/l	99
44) Trichloroethene	9.11	130	102318	20.223	ug/l	93
45) 1,2-Dichloropropane	9.38	63	90879	20.349	ug/l	94
46) Dibromomethane	9.47	93	50891	20.973	ug/l	96
47) Bromodichloromethane	9.66	83	132522	20.331	ug/l #	99
48) Methyl methacrylate	9.46	41	42024	19.201	ug/l	98
49) 1,4-Dioxane	9.46	88	12529	392.248	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	227975	101.356	ug/l	99
52) Toluene	10.40	92	239858	20.978	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	111297	20.061	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	135664	20.054	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	70193	21.043	ug/l	93
56) Ethyl methacrylate	10.66	69	74587	20.872	ug/l	96
57) 1,3-Dichloropropane	10.94	76	115627	20.992	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	203098	120.033	ug/l	99
59) 2-Hexanone	10.98	43	149470	98.540	ug/l	94
60) Dibromochloromethane	11.14	129	92309	21.203	ug/l	97
61) 1,2-Dibromoethane	11.24	107	68211	21.985	ug/l	100
64) Tetrachloroethene	10.87	164	92467	21.575	ug/l	93
65) Chlorobenzene	11.67	112	260244	20.983	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	96228	20.500	ug/l	98
67) Ethyl Benzene	11.74	91	437037	20.063	ug/l	98
68) m/p-Xylenes	11.86	106	345651	41.911	ug/l	97
69) o-Xylene	12.18	106	154840	20.763	ug/l	96
70) Styrene	12.19	104	266940	20.612	ug/l	98
71) Bromoform	12.36	173	52389	22.043	ug/l #	94
73) Isopropylbenzene	12.48	105	425133	20.654	ug/l	100
74) N-amyl acetate	12.28	43	74422	18.514	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.73	83	73697	20.749	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	46854m	19.842	ug/l	
77) Bromobenzene	12.76	156	101415	21.066	ug/l	96
78) n-propylbenzene	12.82	91	497216	20.079	ug/l	99
79) 2-Chlorotoluene	12.91	91	282700	20.033	ug/l	97
80) 1,3,5-Trimethylbenzene	12.96	105	358119	20.504	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	22044	23.356	ug/l	89
82) 4-Chlorotoluene	13.01	91	307483	20.671	ug/l	98
83) tert-Butylbenzene	13.23	119	290240	20.223	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	358428	20.696	ug/l	98
85) sec-Butylbenzene	13.40	105	409351	19.835	ug/l	100
86) p-Isopropyltoluene	13.52	119	373344	20.069	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	195639	20.570	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	194788	20.620	ug/l	98
89) n-Butylbenzene	13.85	91	340478	19.256	ug/l	98
90) Hexachloroethane	14.11	117	72763	19.266	ug/l	91
91) 1,2-Dichlorobenzene	13.89	146	173856	21.366	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11714	20.502	ug/l	93

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ClientSampleId :
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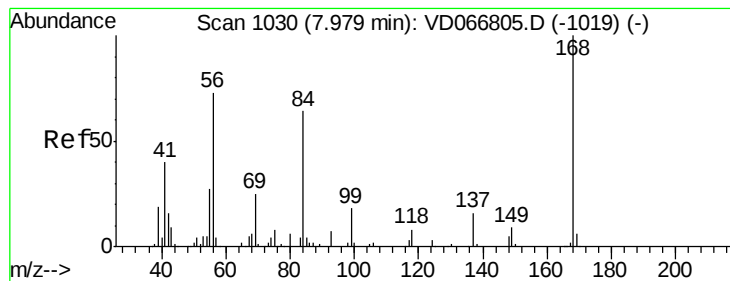
Manual Integrations
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9/30/2020 1:22:24 PM

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	105963	20.686	ug/l	95
94) Hexachlorobutadiene	15.27	225	61314	19.975	ug/l	96
95) Naphthalene	15.41	128	179470	20.637	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	92921	21.017	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Instrument :

MSVOA_D

ClientSampleId :

VW0929SBSD02

Tot Ion:168 Resp: 385013

Ion Ratio Lower Upper

168 100

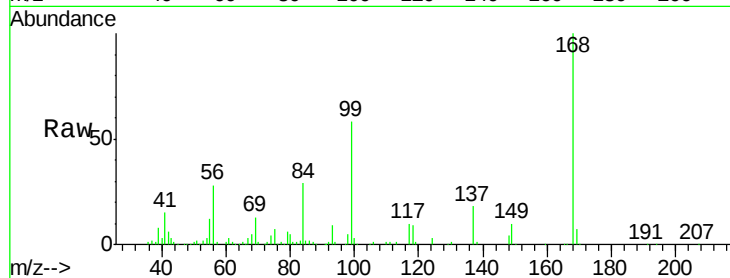
99 57.2 46.6 69.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

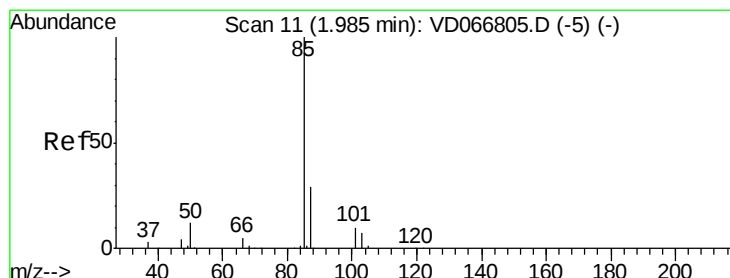
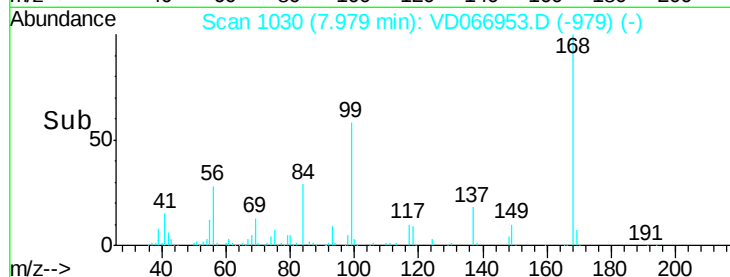
100000

50000

0

7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 20.533 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066953.D

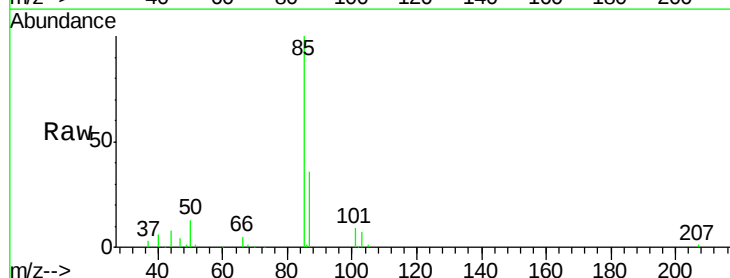
Acq: 29 Sep 2020 23:09

Tgt Ion: 85 Resp: 64330

Ion Ratio Lower Upper

85 100

87 35.6 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

50000

40000

30000

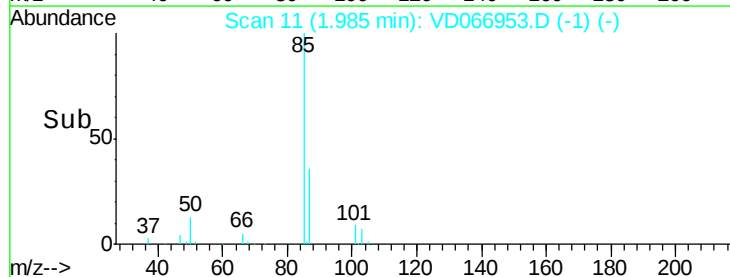
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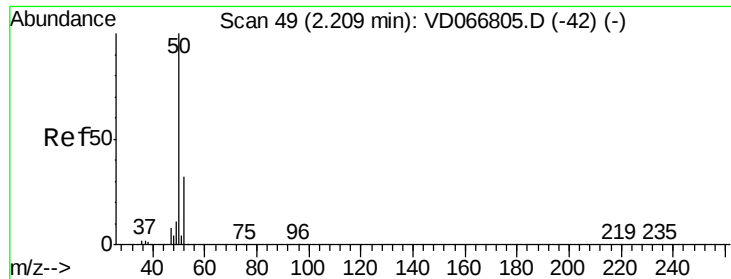
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0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 19.085 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Instrument :

MSVOA_D

ClientSampleId :

VW0929SBS02

Tot Ion: 50 Resp: 67512

Ion Ratio Lower Upper

50 100

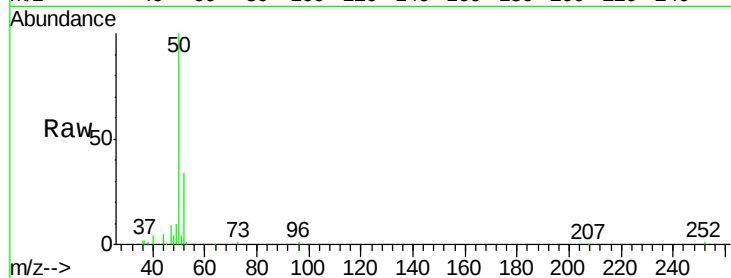
52 34.1 25.5 38.3

Manual Integrations

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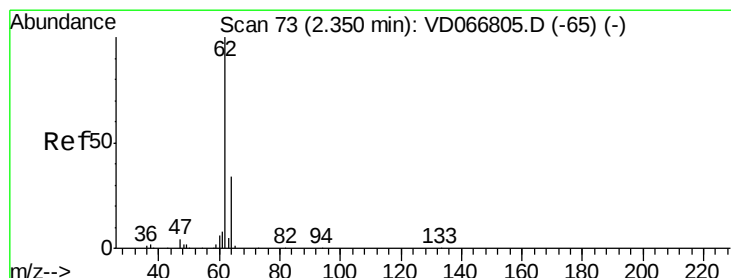
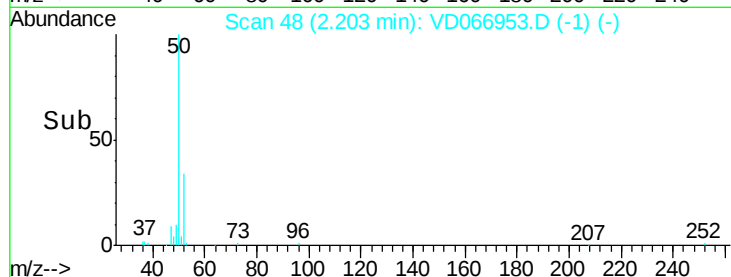
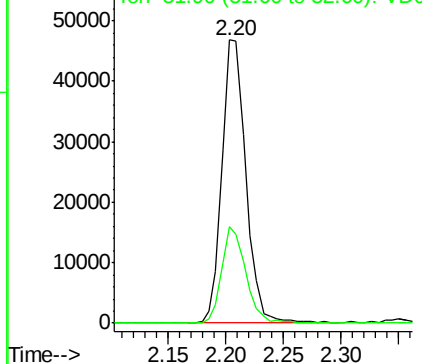
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 18.188 ug/l

RT: 2.34 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD066953.D

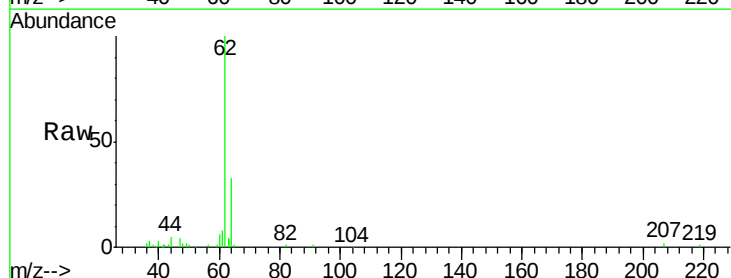
Acq: 29 Sep 2020 23:09

Tgt Ion: 62 Resp: 63562

Ion Ratio Lower Upper

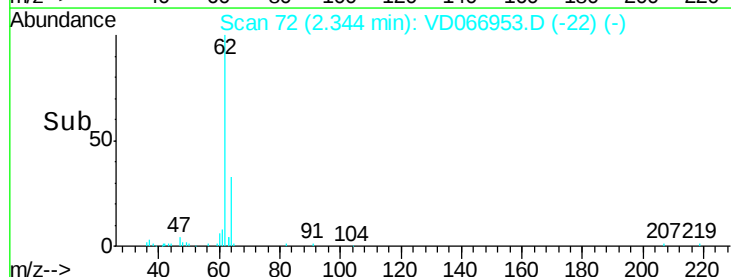
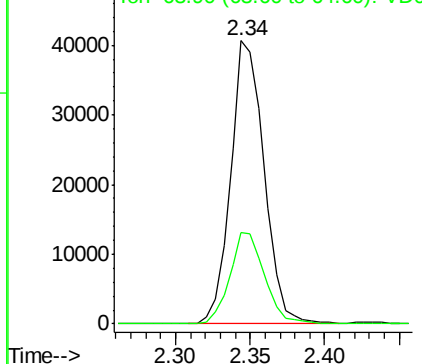
62 100

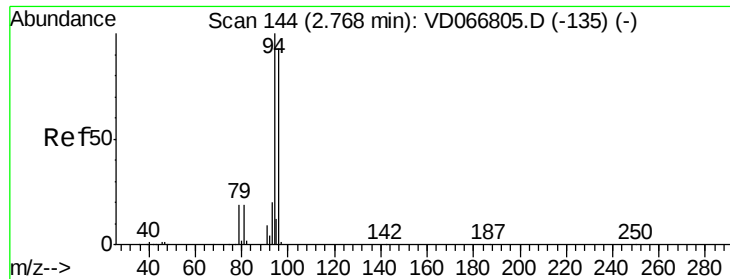
64 32.5 27.0 40.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 19.849 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Instrument :

MSVOA_D

ClientSampleId :

VW0929SBS02

Tot Ion: 94 Resp: 48757

Ion Ratio Lower Upper

94 100

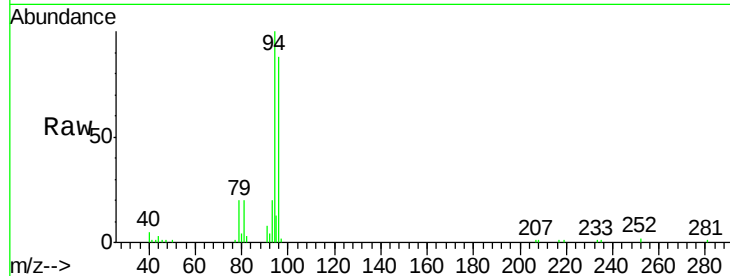
96 88.1 74.3 111.5

Manual Integrations

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9/30/2020 1:22:24 PM



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.76

20000

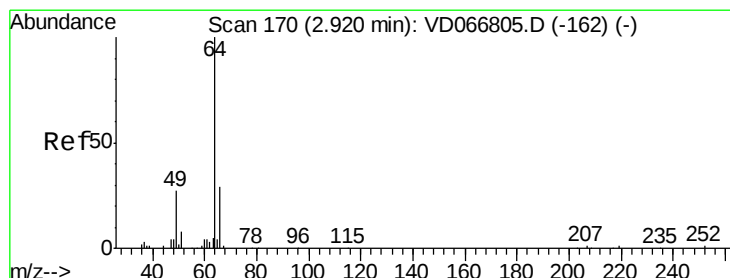
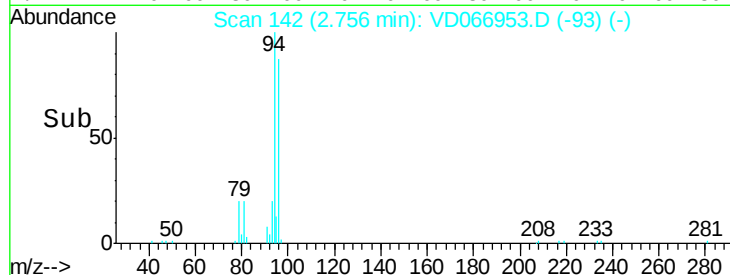
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 18.549 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD066953.D

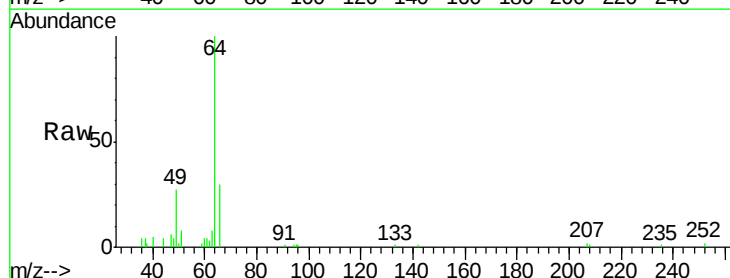
Acq: 29 Sep 2020 23:09

Tgt Ion: 64 Resp: 40255

Ion Ratio Lower Upper

64 100

66 29.6 23.3 34.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

20000

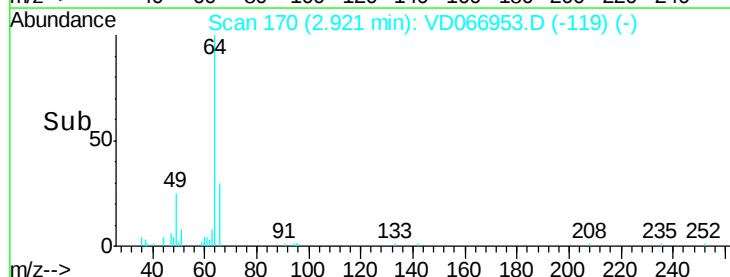
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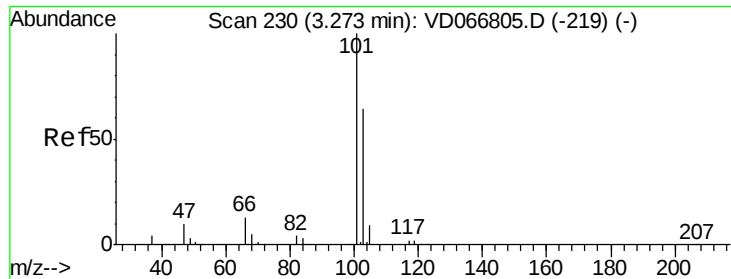
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5000

0

Time-->





#7

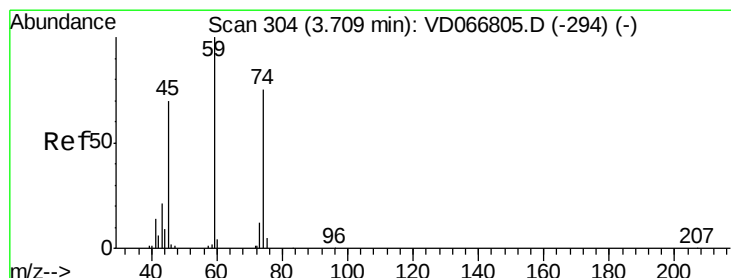
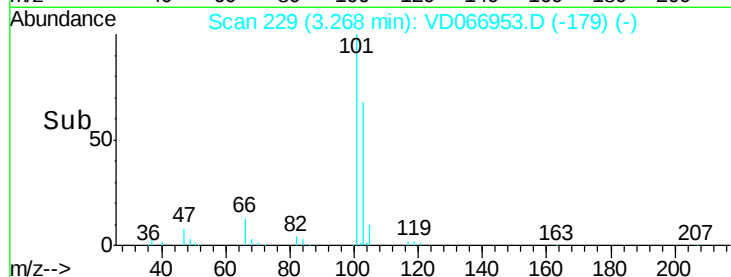
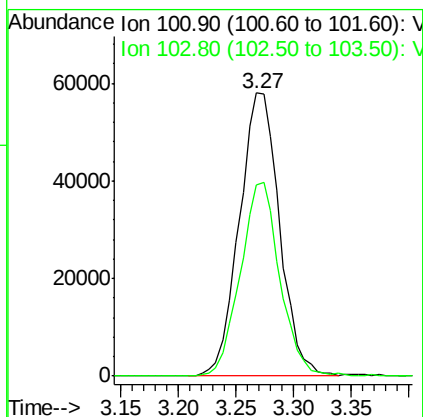
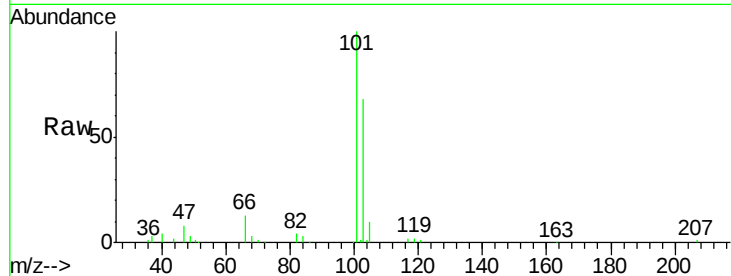
Trichlorofluoromethane
 Concen: 19.584 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD066953.D
 Acq: 29 Sep 2020 23:09

Instrument :
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 VW0929SBS02

Tot Ion	Ratio	Resp	Lower	Upper
101	100	140564		
103	67.7	51.0	76.6	

Manual Integrations
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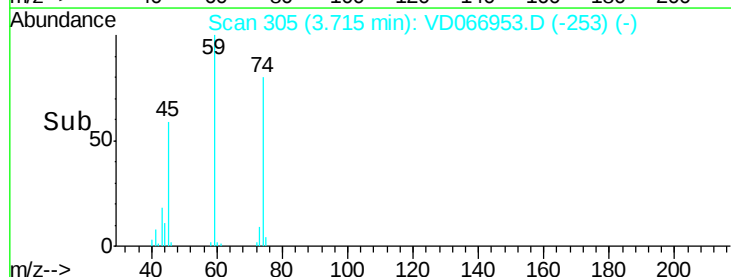
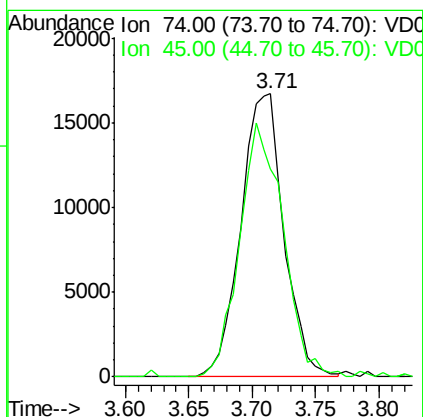
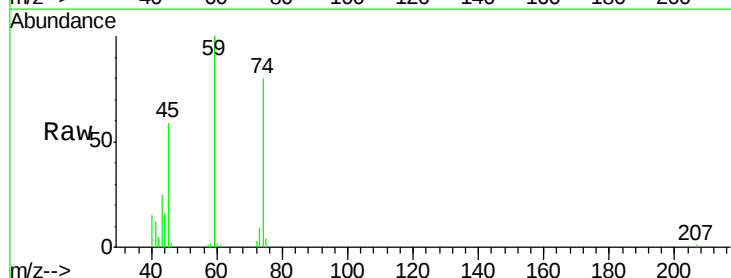
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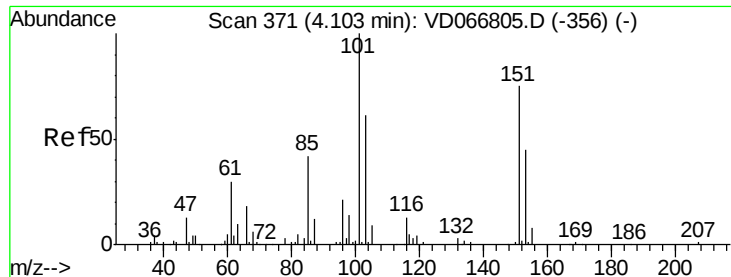


#8

Diethyl Ether
 Concen: 21.685 ug/l
 RT: 3.71 min Scan# 305
 Delta R.T. 0.01 min
 Lab File: VD066953.D
 Acq: 29 Sep 2020 23:09

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	39513		
45	90.7	46.0	138.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.383 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Instrument :

MSVOA_D

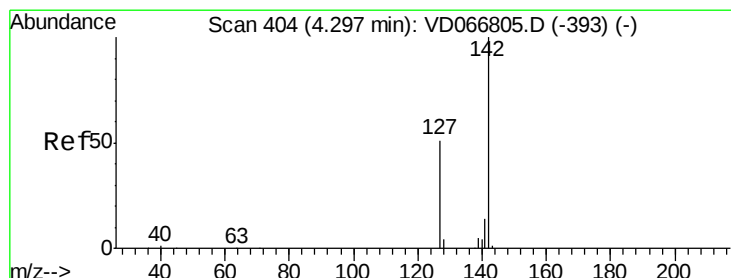
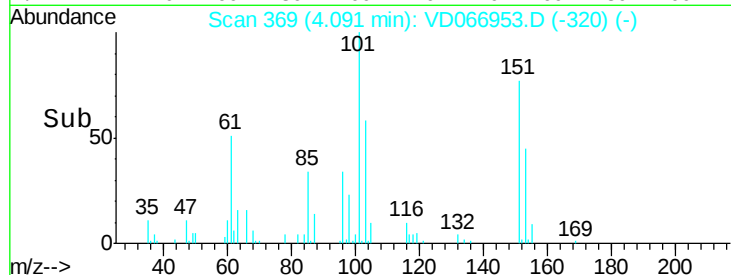
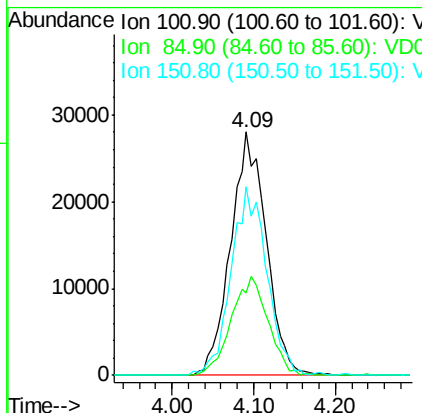
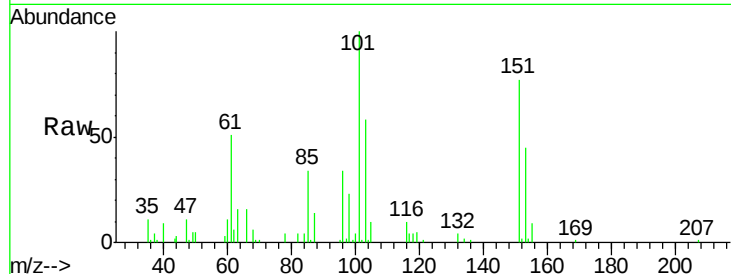
ClientSampleId :

VW0929SBS02

Tot Ion:	101	Resp:	84831
Ion Ratio	Lower	Upper	
101	100		
85	41.7	35.4	53.2
151	77.3	61.4	92.0

Manual Integrations
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#10

Methyl Iodide

Concen: 20.410 ug/l

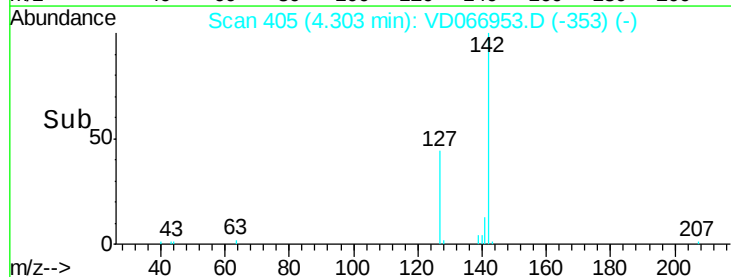
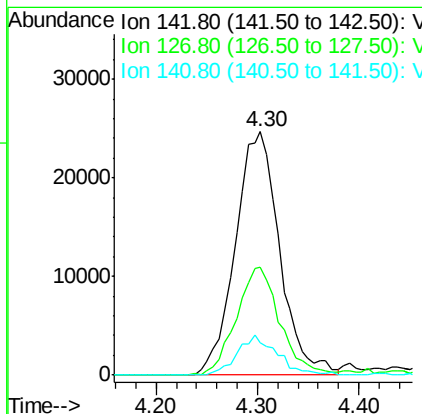
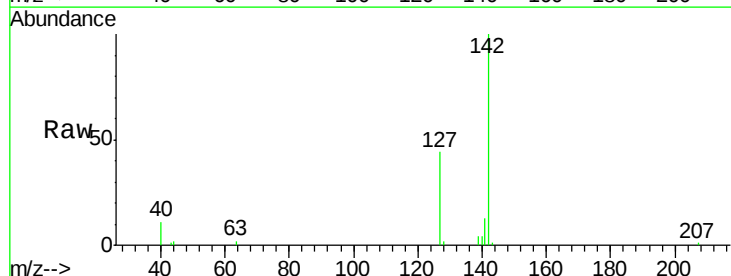
RT: 4.30 min Scan# 405

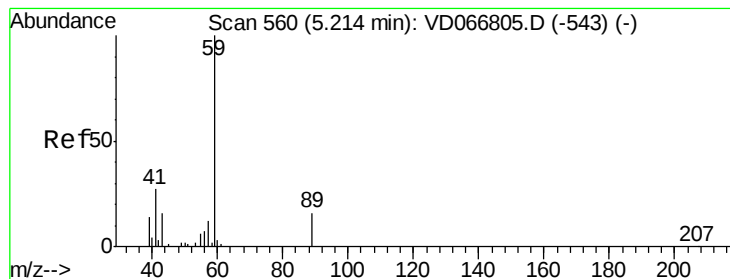
Delta R.T. 0.01 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Tgt Ion:	142	Resp:	74957
Ion Ratio	Lower	Upper	
142	100		
127	43.5	39.4	59.0
141	15.0	12.1	18.1





#11

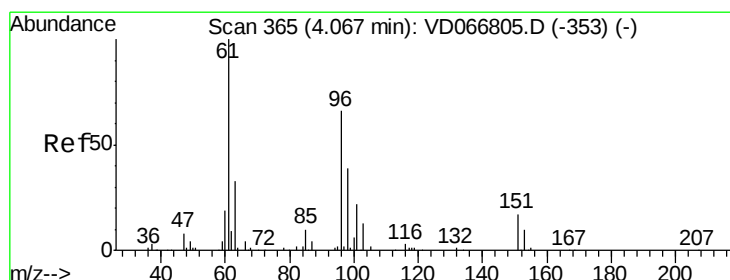
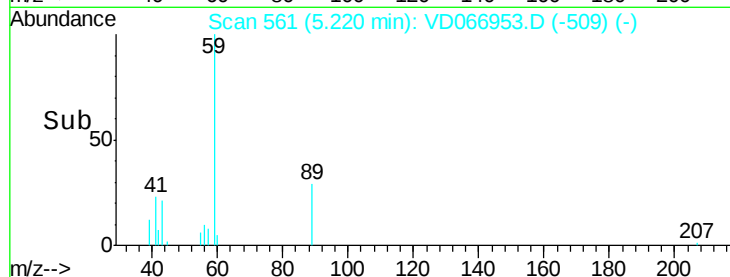
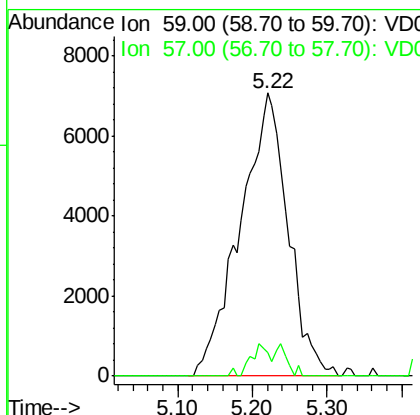
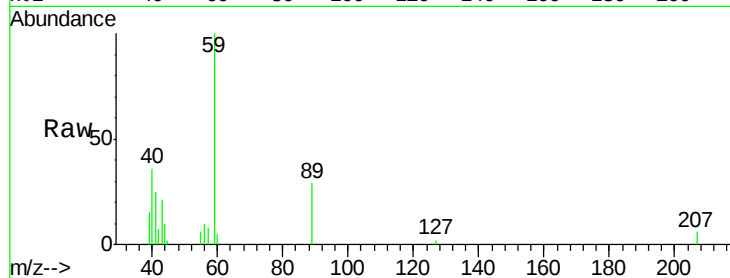
Tert butyl alcohol
 Concen: 112.125 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. 0.01 min
 Lab File: VD066953.D
 Acq: 29 Sep 2020 23:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VW0929SBS02

Tot Ion	59	Resp	31528
Ion Ratio	100	Lower	Upper
57	4.1	8.3	12.5#

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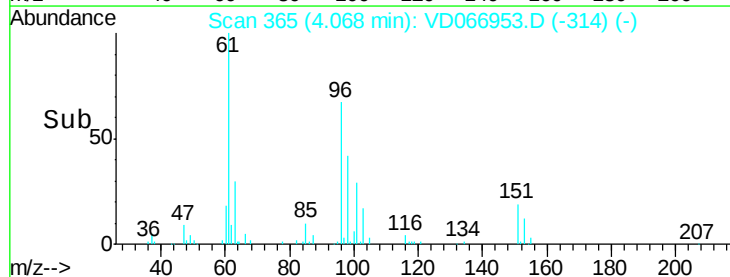
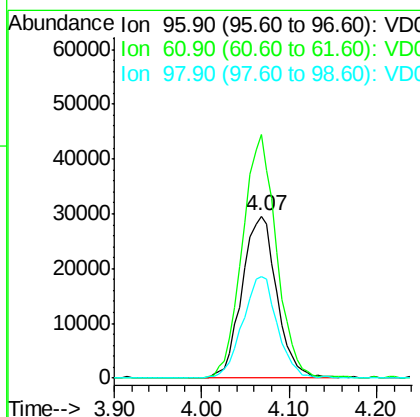
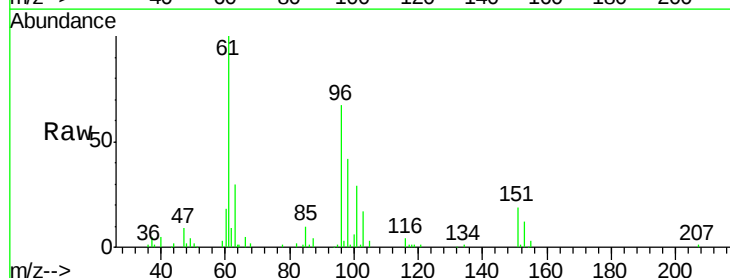
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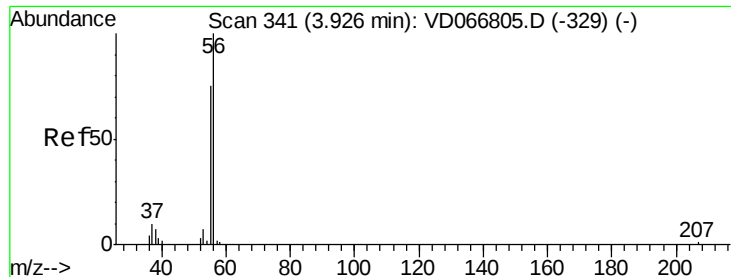


#12

1,1-Dichloroethene
 Concen: 21.133 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. 0.00 min
 Lab File: VD066953.D
 Acq: 29 Sep 2020 23:09

Tgt Ion	96	Resp	79674
Ion Ratio	100	Lower	Upper
61	150.0	120.8	181.2
98	62.8	47.7	71.5





#13

Acrolein

Concen: 66.582 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Instrument :

MSVOA_D

ClientSampleId :

VW0929SBS02

Tot Ion: 56 Resp: 18509

Ion Ratio Lower Upper

56 100

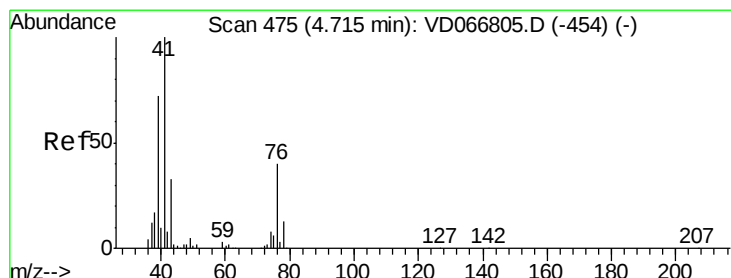
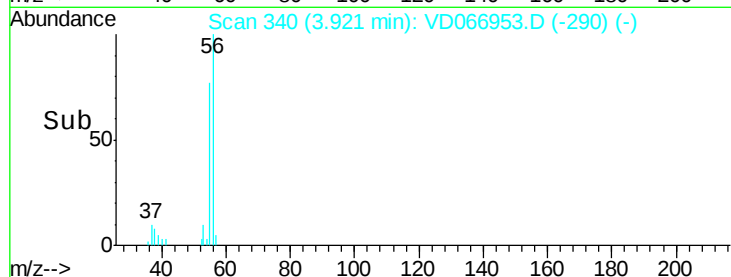
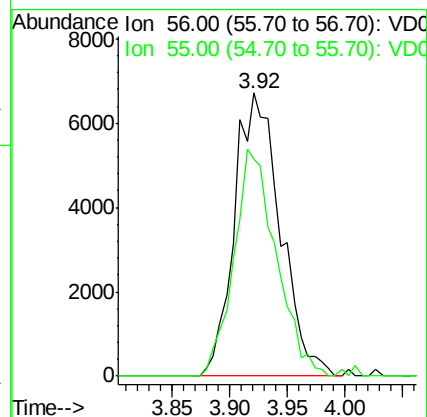
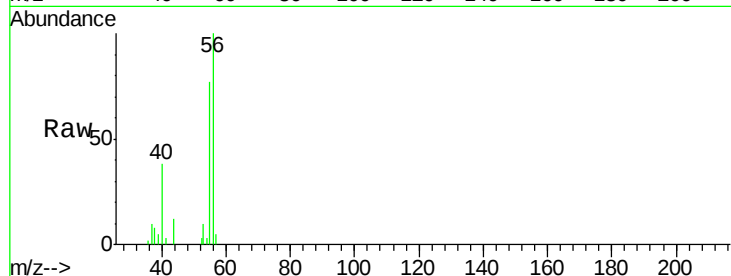
55 74.1 60.3 90.5

Manual Integrations

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#14

Allyl chloride

Concen: 19.746 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

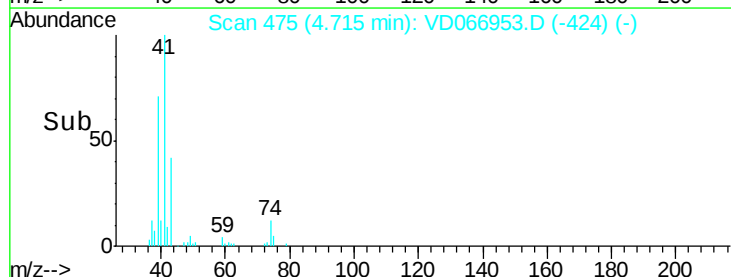
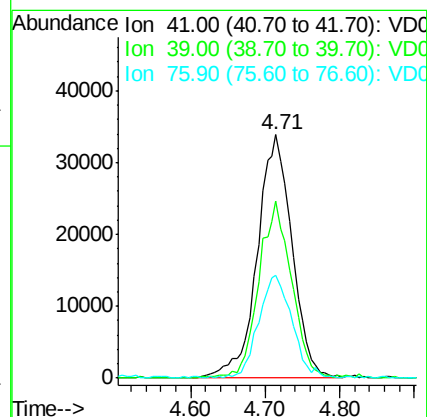
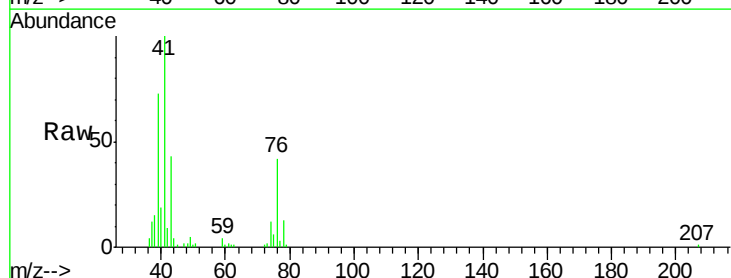
Tgt Ion: 41 Resp: 109316

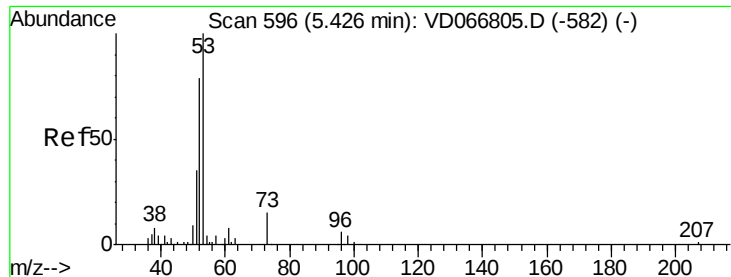
Ion Ratio Lower Upper

41 100

39 68.7 57.8 86.8

76 40.6 30.9 46.3





#15

Acrylonitrile

Concen: 105.100 ug/l

RT: 5.43 min Scan# 597

Delta R.T. 0.01 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Instrument :

MSVOA_D

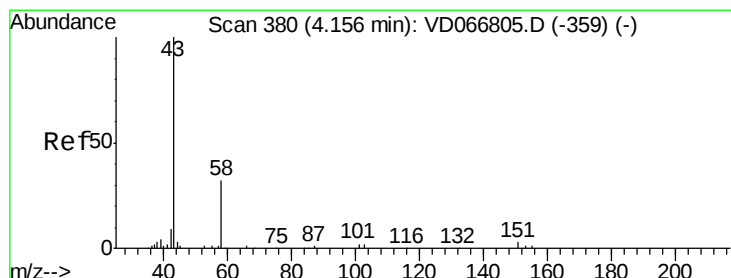
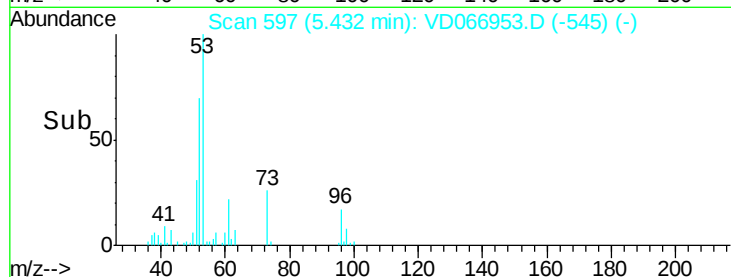
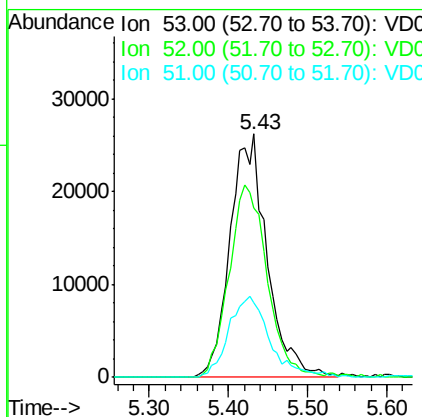
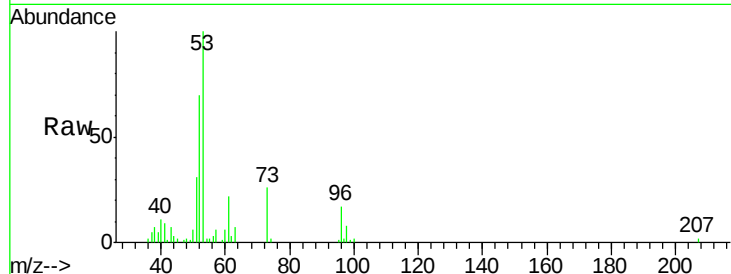
ClientSampleId :

VW0929SBS02

Tot Ion:	53	Resp:	84868
Ion Ratio	Lower	Upper	
53	100		
52	80.9	65.2	97.8
51	37.0	30.6	46.0

Manual Integrations
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#16

Acetone

Concen: 79.344 ug/l

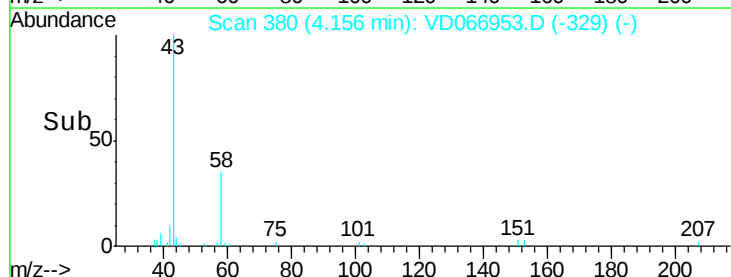
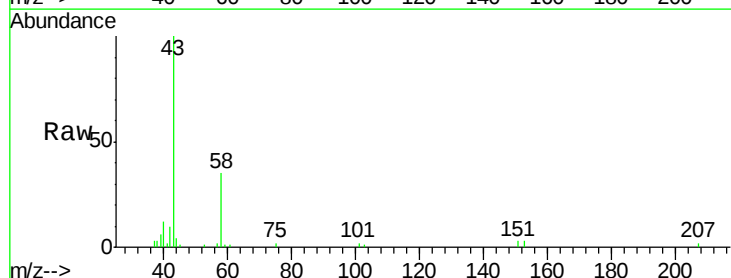
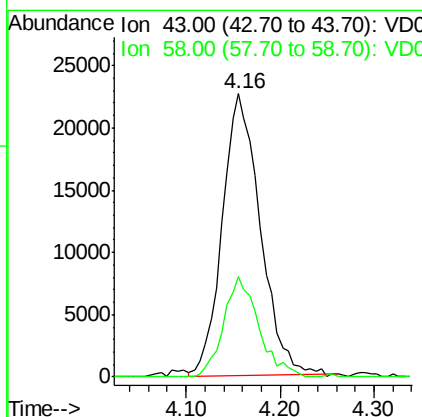
RT: 4.16 min Scan# 380

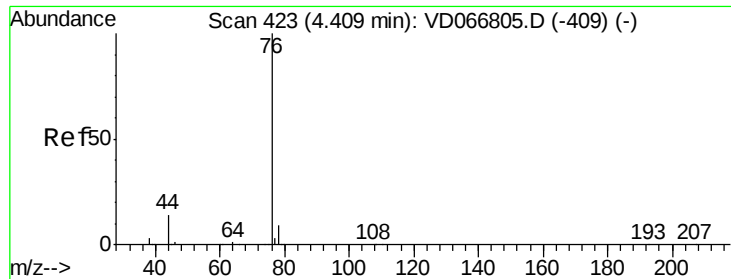
Delta R.T. 0.00 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Tgt Ion:	43	Resp:	63427
Ion Ratio	Lower	Upper	
43	100		
58	35.6	25.6	38.4





#17

Carbon Disulfide

Concen: 19.910 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Instrument :

MSVOA_D

ClientSampleId :

VW0929SBSD02

Tot Ion: 76 Resp: 229484

Ion Ratio Lower Upper

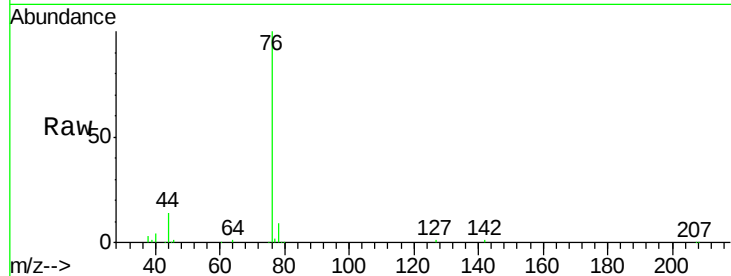
76 100

78 8.7 7.6 11.4

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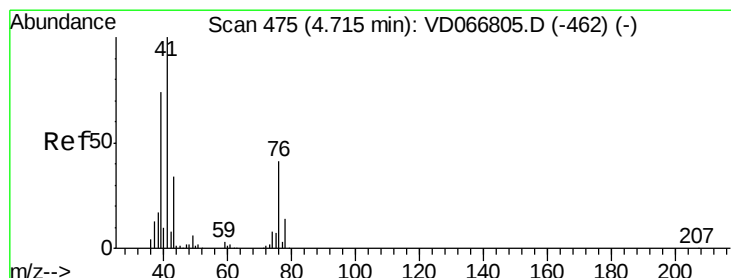
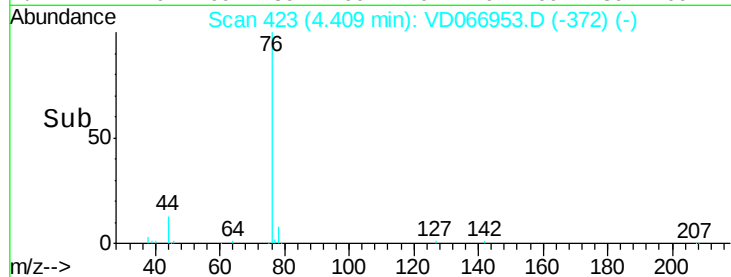
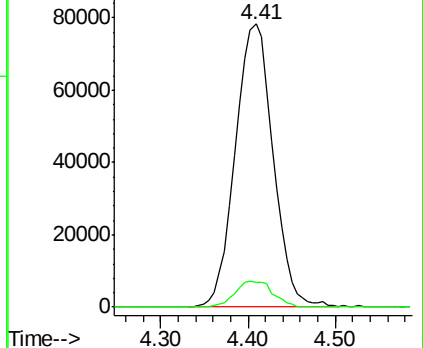
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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 24.193 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD066953.D

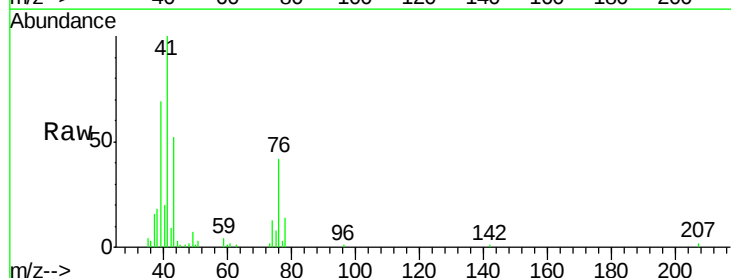
Acq: 29 Sep 2020 23:09

Tgt Ion: 43 Resp: 46493

Ion Ratio Lower Upper

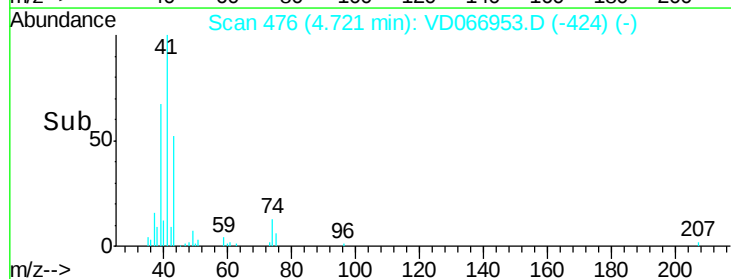
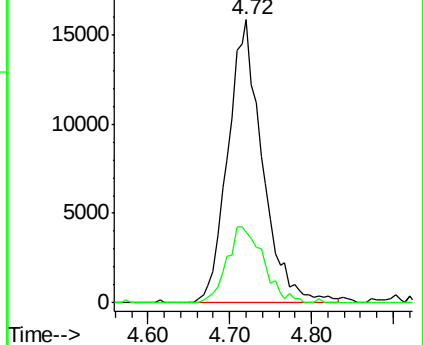
43 100

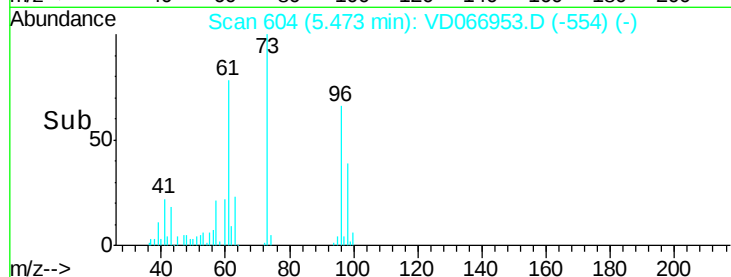
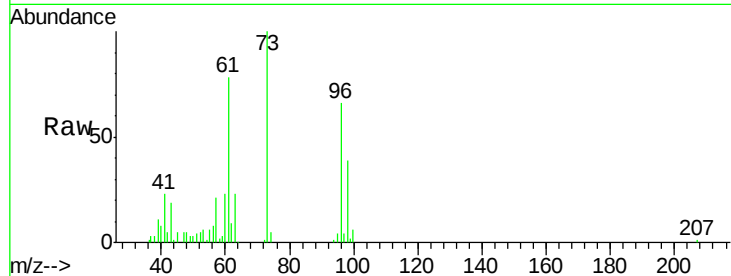
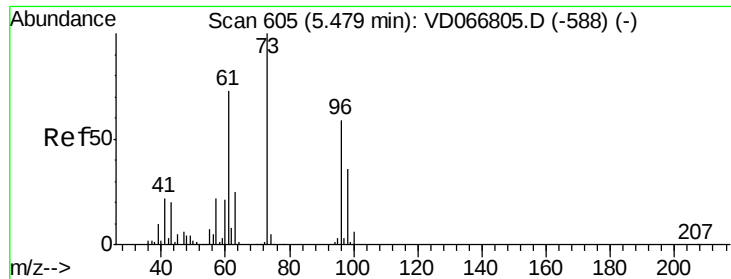
74 28.3 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





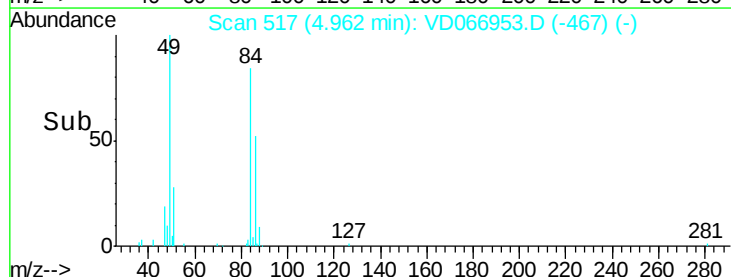
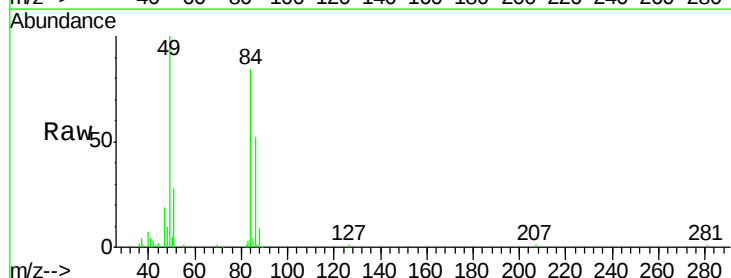
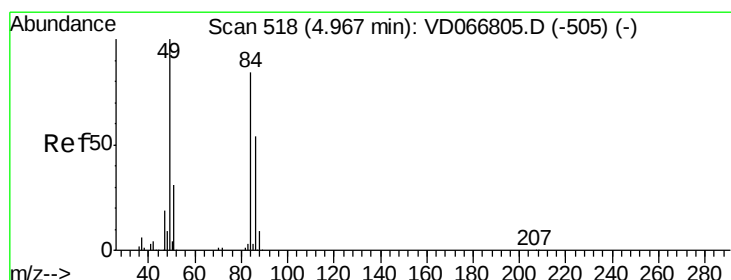
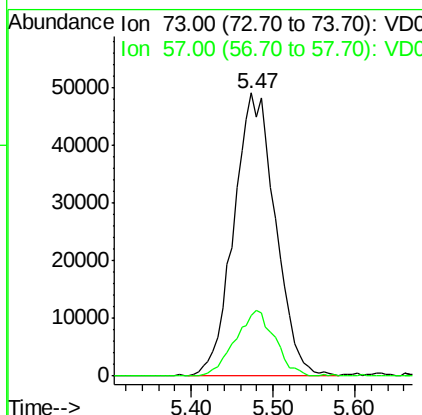
#19
Methyl tert-butyl Ether
Concen: 21.233 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD066953.D
Acq: 29 Sep 2020 23:09

Tot Ion: 73 Resp: 173847
Ion Ratio Lower Upper
73 100
57 21.4 17.4 26.2

Instrument :
MSVOA_D
ClientSampleId :
VW0929SBS02

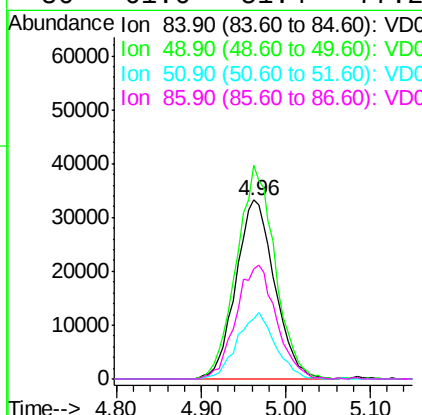
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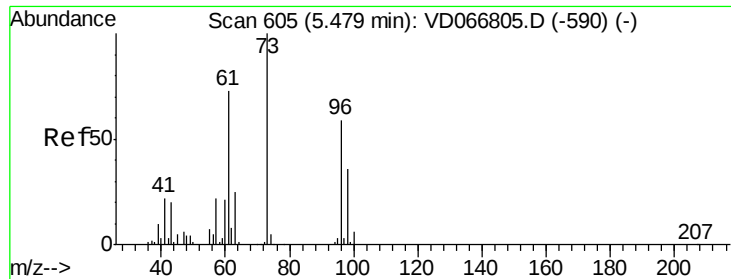
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#20
Methylene Chloride
Concen: 21.248 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066953.D
Acq: 29 Sep 2020 23:09

Tgt Ion: 84 Resp: 106115
Ion Ratio Lower Upper
84 100
49 119.5 95.4 143.2
51 33.7 29.7 44.5
86 61.6 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 21.516 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Instrument :

MSVOA_D

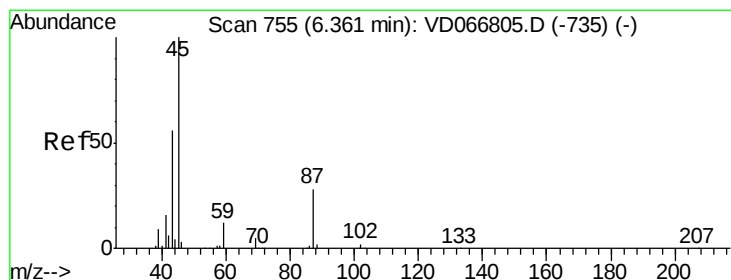
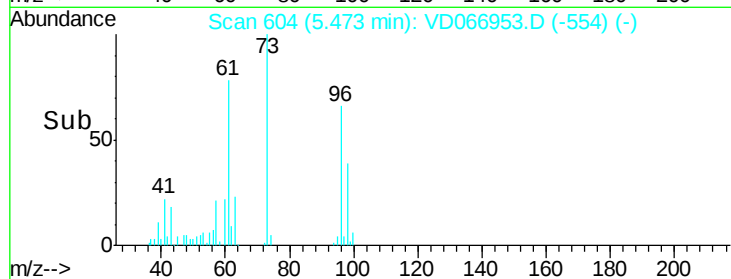
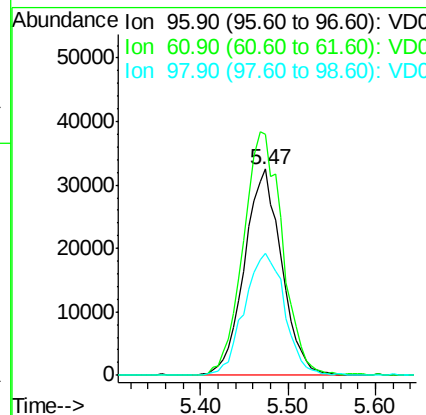
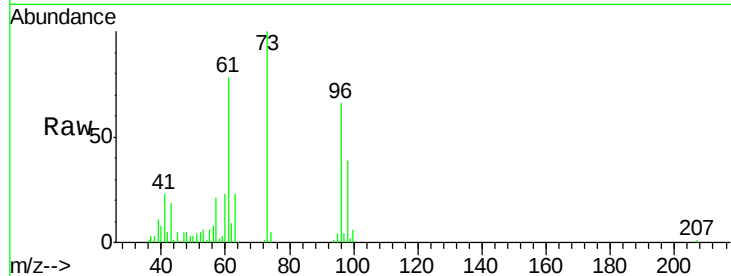
ClientSampleID :

VW0929SBS02

Tot Ion:	96	Resp:	93928
Ion	Ratio	Lower	Upper
96	100		
61	117.2	98.9	148.3
98	59.3	48.4	72.6

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#22

Diisopropyl ether

Concen: 21.025 ug/l

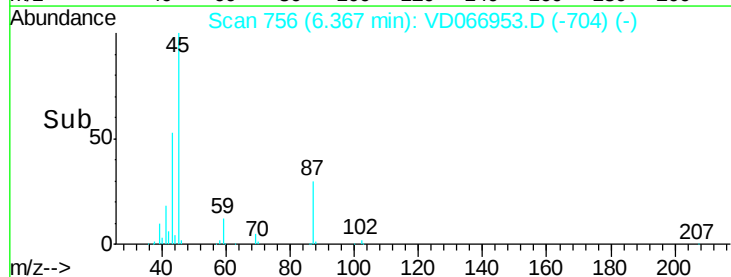
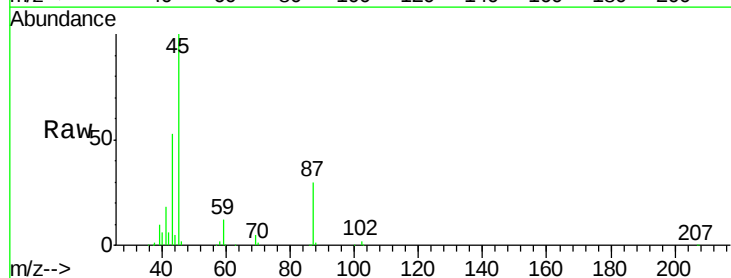
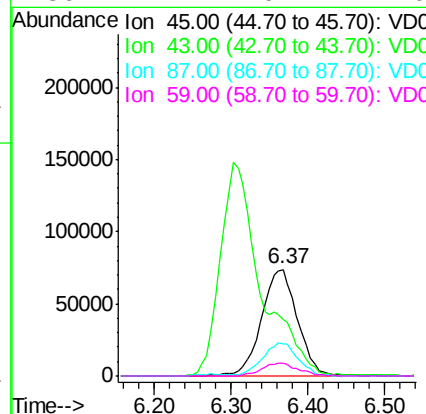
RT: 6.37 min Scan# 756

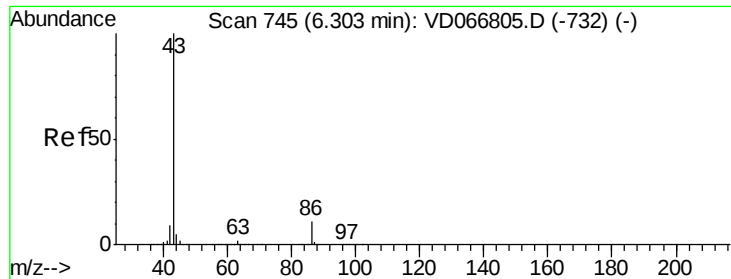
Delta R.T. 0.01 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Tgt Ion:	45	Resp:	239320
Ion	Ratio	Lower	Upper
45	100		
43	51.4	44.5	66.7
87	29.5	22.9	34.3
59	12.4	9.4	14.0





#23

Vinyl Acetate

Concen: 89.487 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Instrument :

MSVOA_D

ClientSampleId :

VW0929SBS02

Tot Ion: 43 Resp: 542316

Ion Ratio Lower Upper

43 100

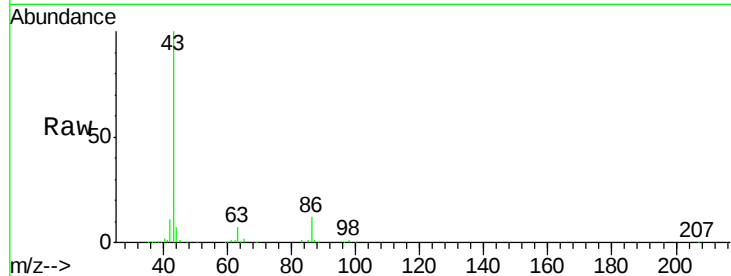
86 11.9 8.9 13.3

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

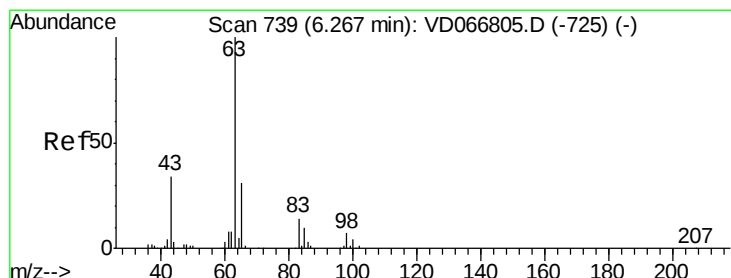
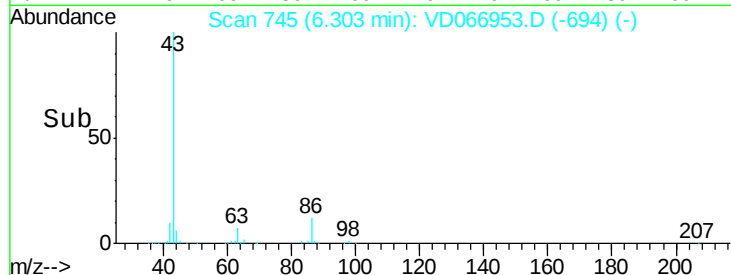
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.848 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

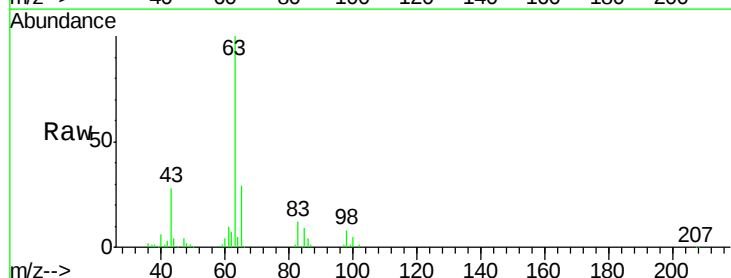
Tgt Ion: 63 Resp: 158753

Ion Ratio Lower Upper

63 100

98 8.1 3.7 11.1

100 4.6 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.27

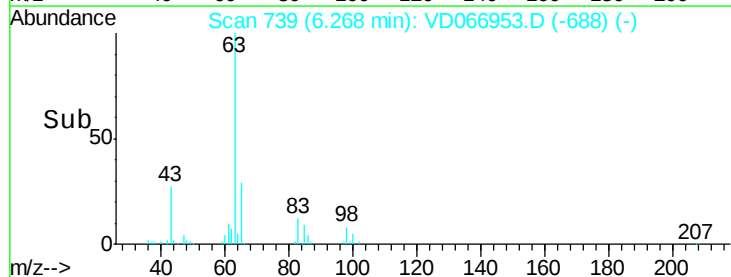
60000

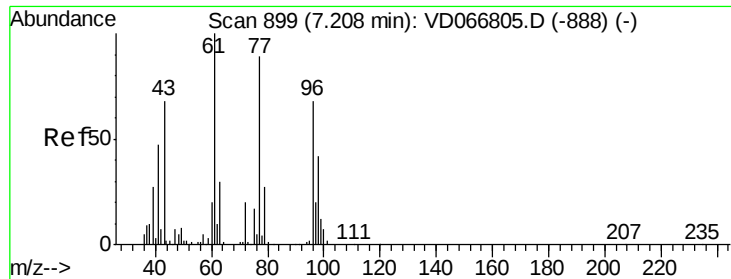
40000

20000

0

Time-->





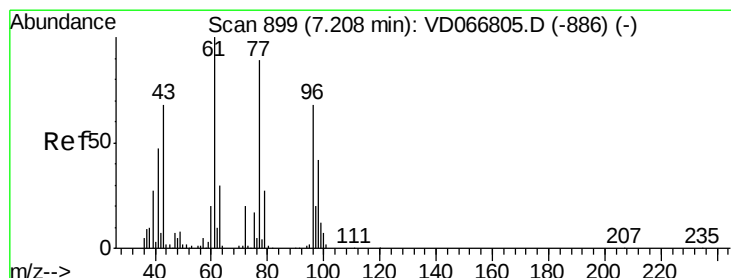
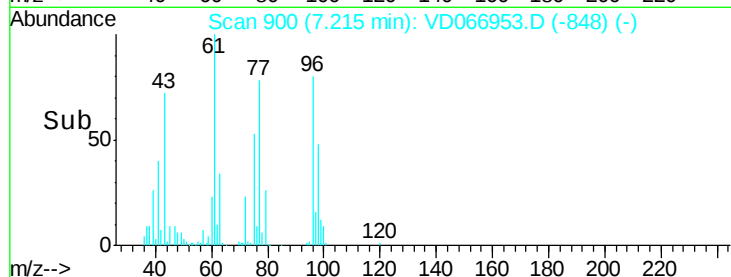
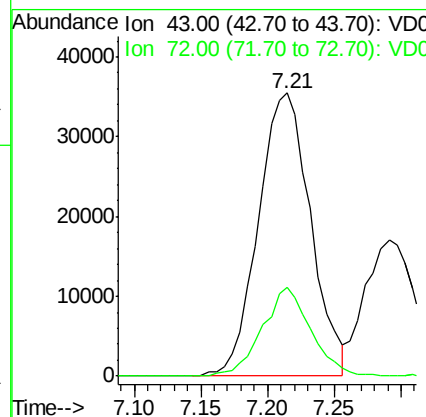
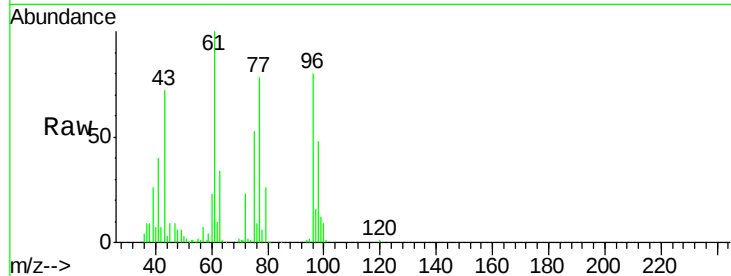
#25
2-Butanone
Concen: 100.229 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD066953.D
Acq: 29 Sep 2020 23:09

Instrument :
MSVOA_D
ClientSampleId :
VW0929SBS02

Tot Ion: 43 Resp: 96286
Ion Ratio Lower Upper
43 100
72 31.4 22.9 34.3

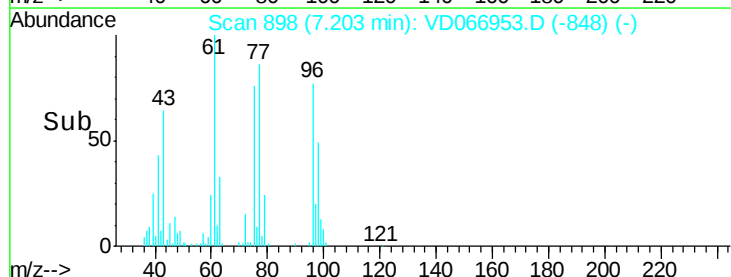
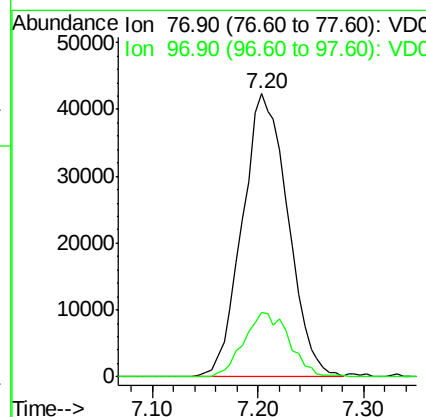
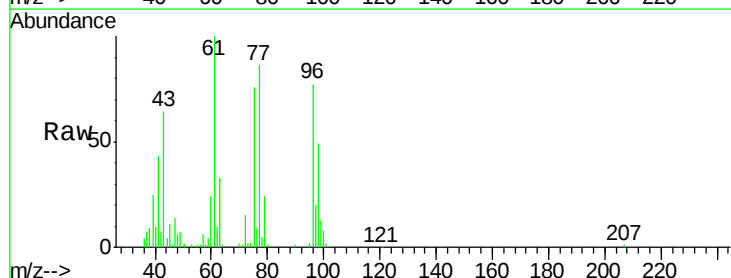
Manual Integrations
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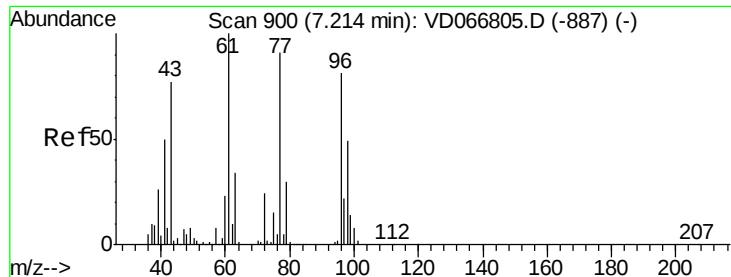
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#26
2,2-Dichloropropane
Concen: 18.185 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD066953.D
Acq: 29 Sep 2020 23:09

Tgt Ion: 77 Resp: 126925
Ion Ratio Lower Upper
77 100
97 22.6 11.7 35.1





#27

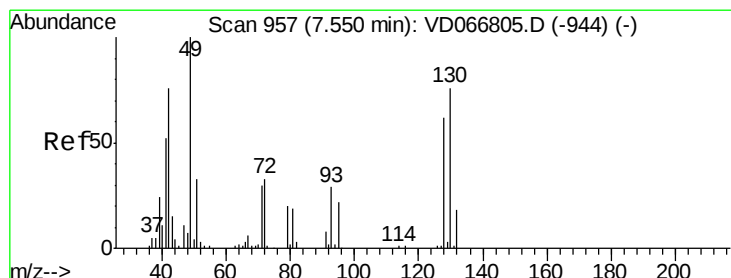
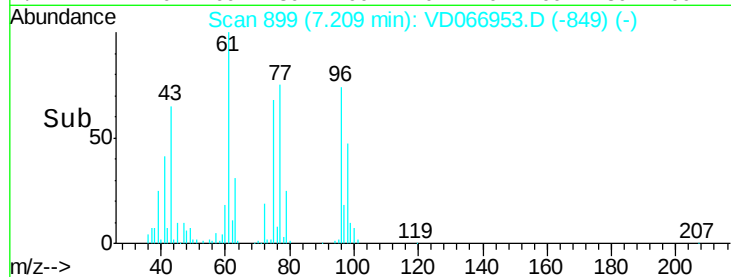
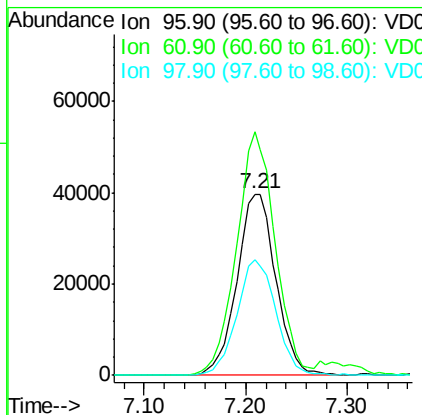
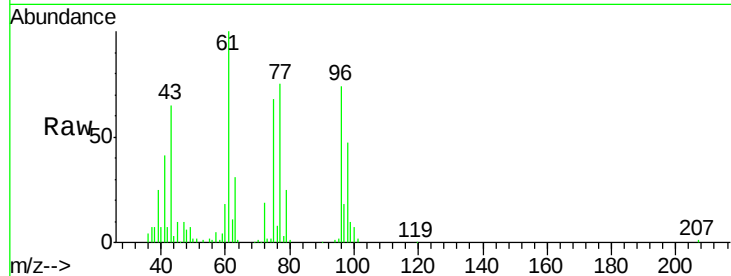
cis-1,2-Dichloroethene
Concen: 22.259 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD066953.D
Acq: 29 Sep 2020 23:09

Instrument :
MSVOA_D
ClientSampleId :
VW0929SBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	105578		
61	133.2		0.0	283.8
98	63.6		0.0	128.4

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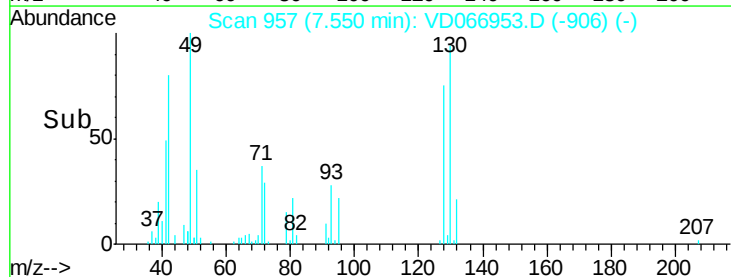
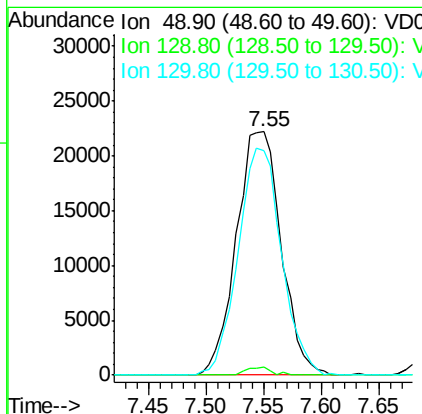
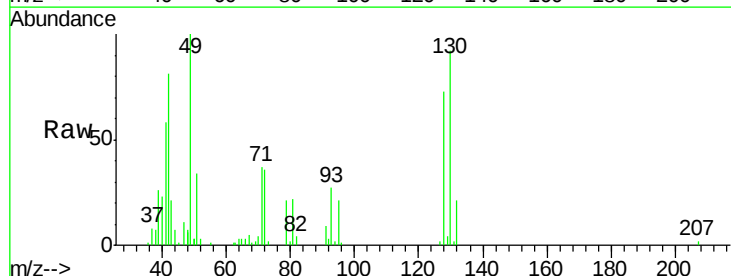
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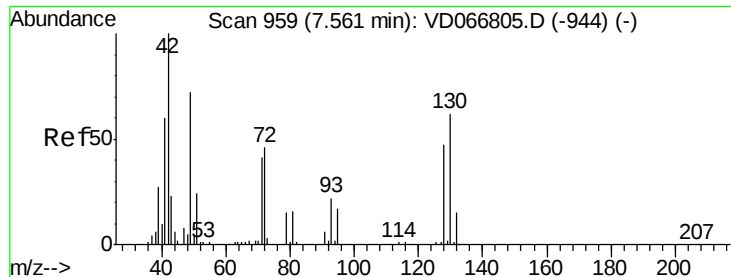


#28

Bromochloromethane
Concen: 19.078 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.00 min
Lab File: VD066953.D
Acq: 29 Sep 2020 23:09

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	60019		
129	1.8		0.0	2.0
130	90.3		65.9	98.9





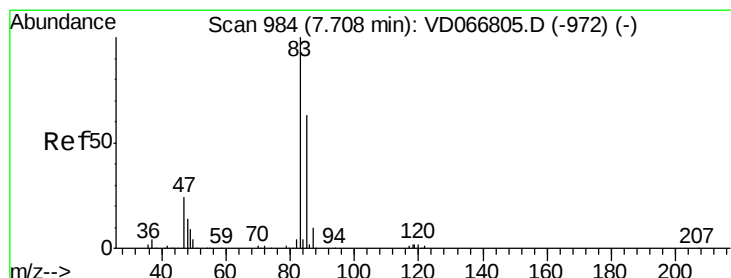
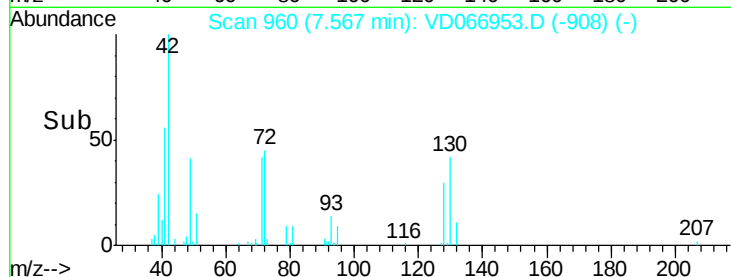
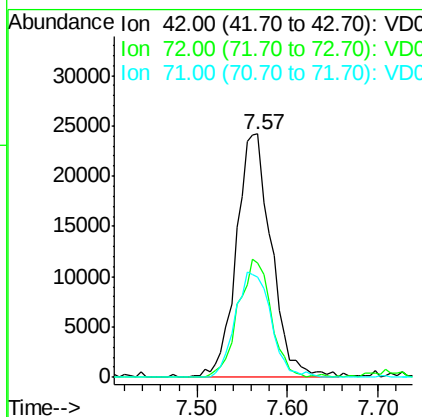
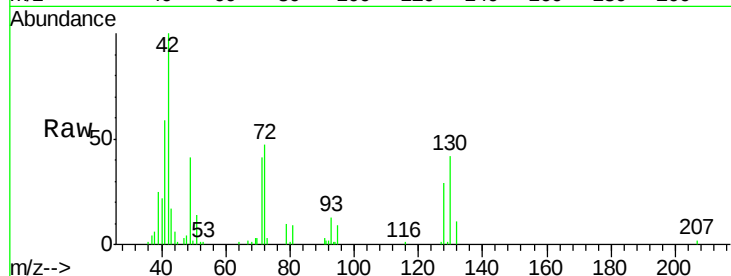
#29
Tetrahydrofuran
Concen: 105.793 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.01 min
Lab File: VD066953.D
Acq: 29 Sep 2020 23:09

Instrument :
MSVOA_D
ClientSampleId :
VW0929SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.3	36.2	54.4
71	44.0	32.4	48.6

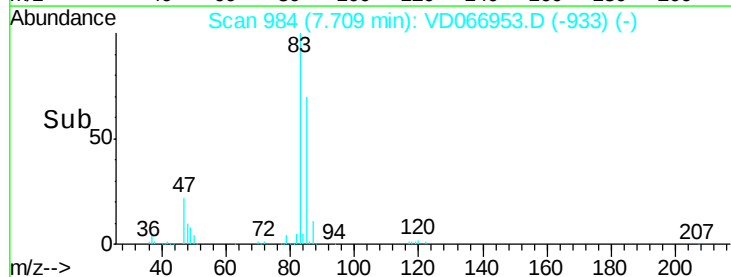
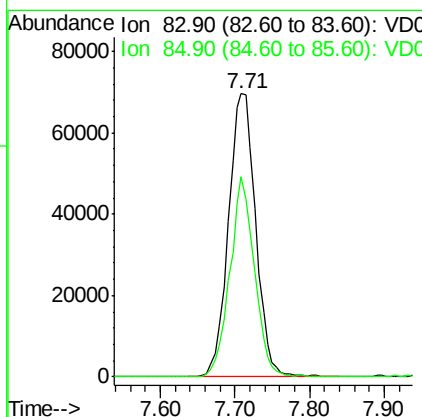
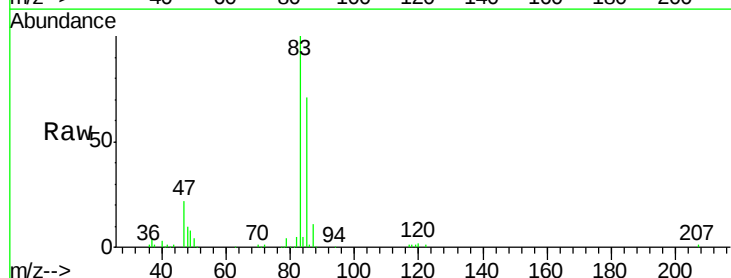
Manual Integrations
APPROVED

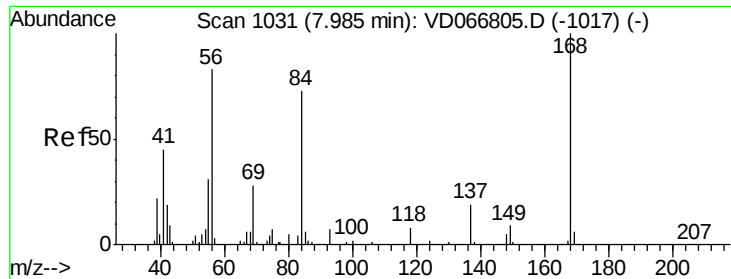
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#30
Chloroform
Concen: 21.497 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD066953.D
Acq: 29 Sep 2020 23:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	70.7	50.6	75.8





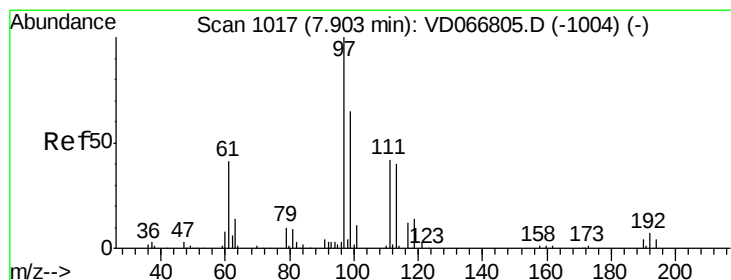
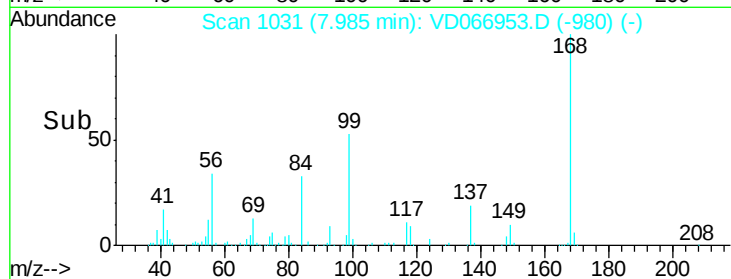
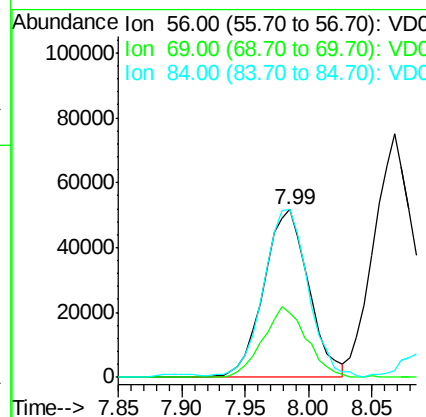
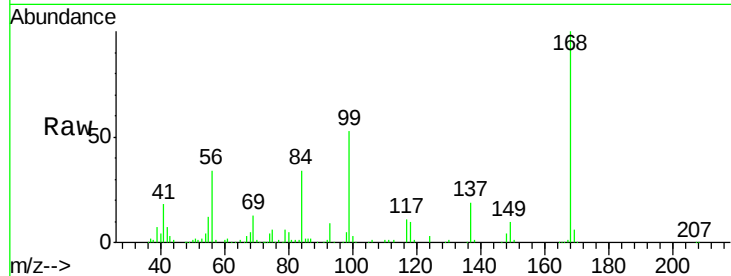
#31
Cyclohexane
Concen: 18.611 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD066953.D
Acq: 29 Sep 2020 23:09

Instrument :
MSVOA_D
ClientSampleID :
VW0929SBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.6	27.0	40.4
84	98.1	70.2	105.4

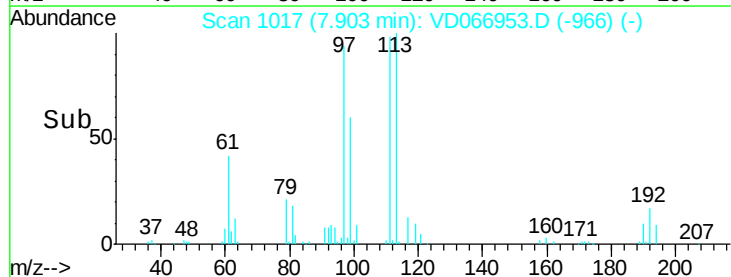
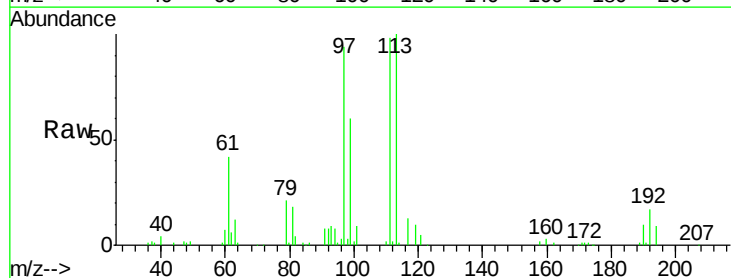
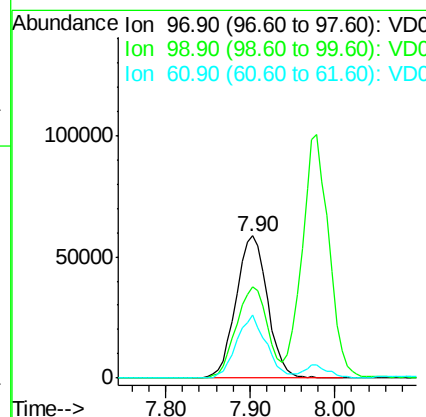
Manual Integrations
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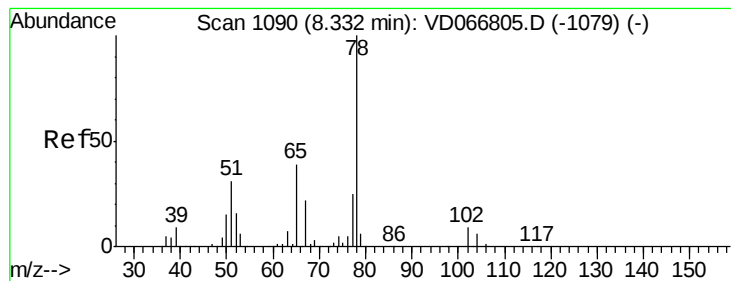
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#32
1,1,1-Trichloroethane
Concen: 20.338 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD066953.D
Acq: 29 Sep 2020 23:09

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.5	77.3
61	42.1	34.2	51.4





#33

1,2-Dichloroethane-d4

Concen: 46.153 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Instrument :

MSVOA_D

ClientSampleId :

VW0929SBSD02

Tot Ion: 65 Resp: 173919

Ion Ratio Lower Upper

65 100

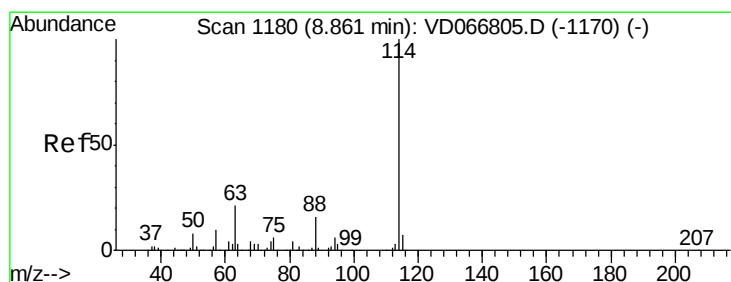
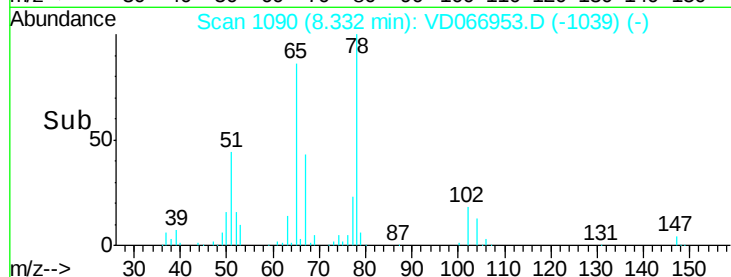
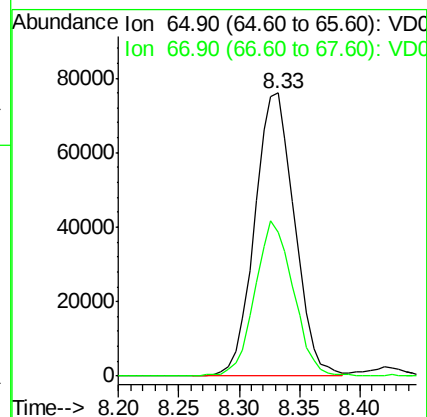
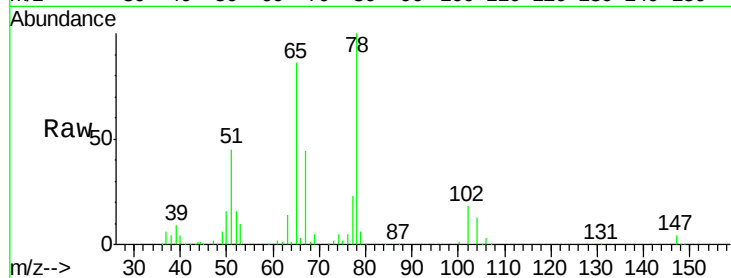
67 53.0 0.0 107.2

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

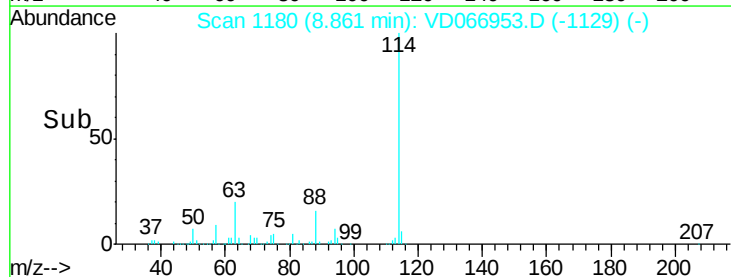
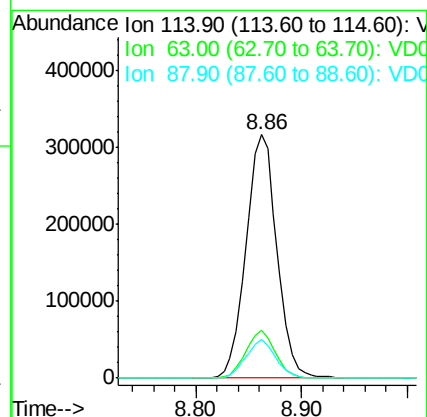
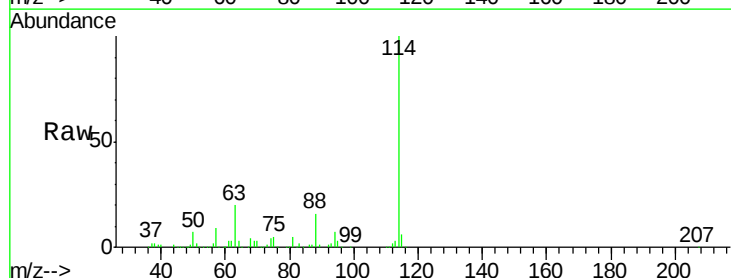
Tgt Ion: 114 Resp: 641982

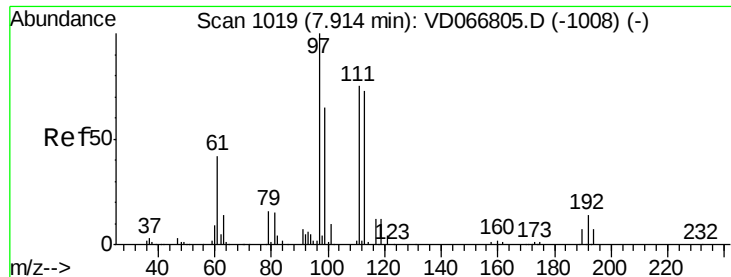
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.6

88 15.8 0.0 32.6





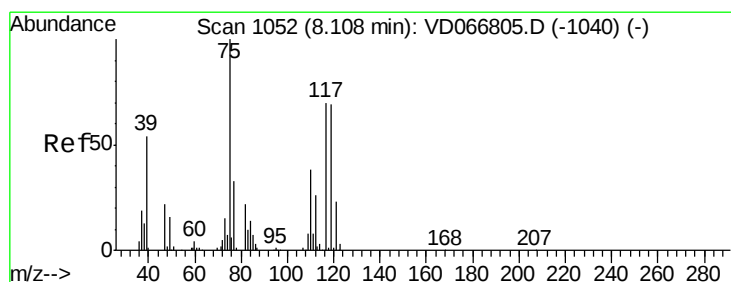
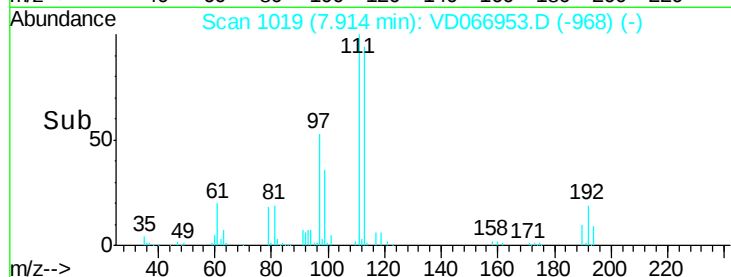
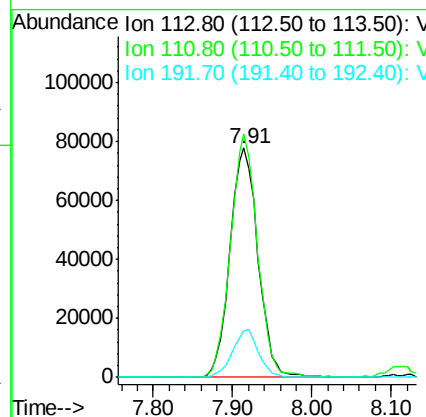
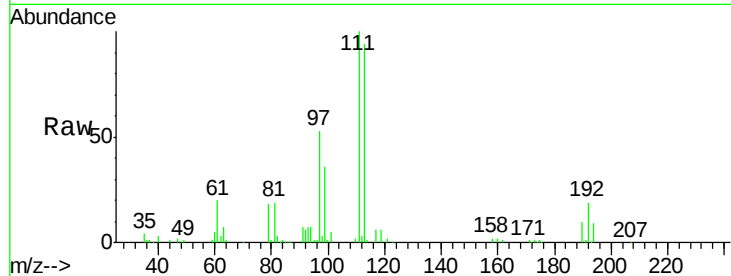
#35
 Dibromofluoromethane
 Concen: 46.610 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD066953.D
 Acq: 29 Sep 2020 23:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VW0929SBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	190367		
111	102.5	81.8	122.8	
192	19.4	14.4	21.6	

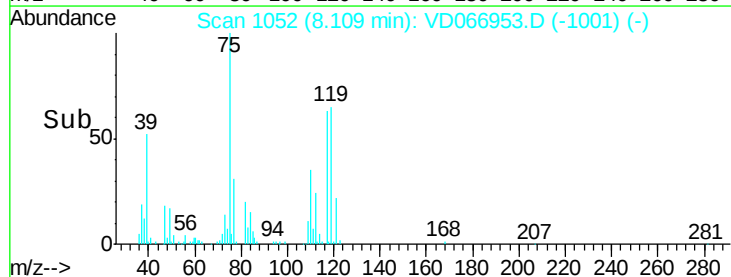
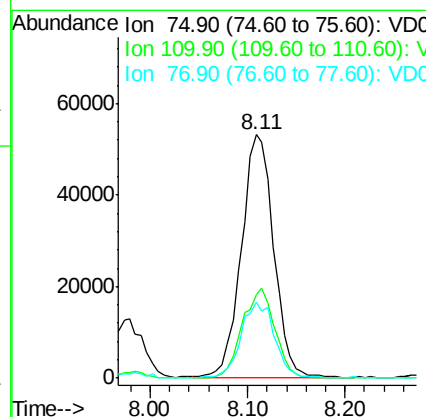
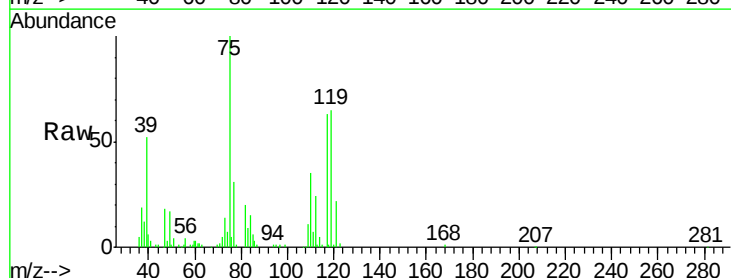
Manual Integrations
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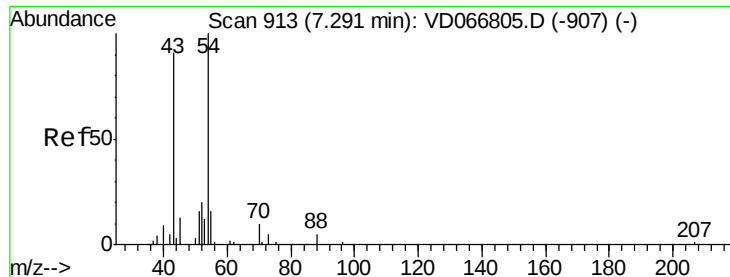
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#36
 1,1-Dichloropropene
 Concen: 19.330 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VD066953.D
 Acq: 29 Sep 2020 23:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	123113		
110	37.0	17.9	53.8	
77	32.2	25.0	37.6	





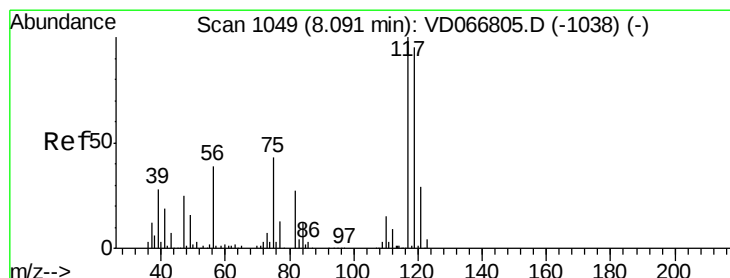
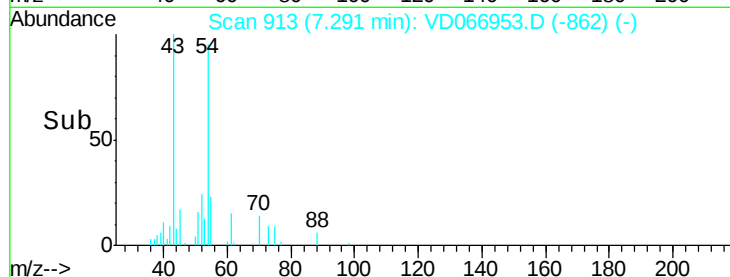
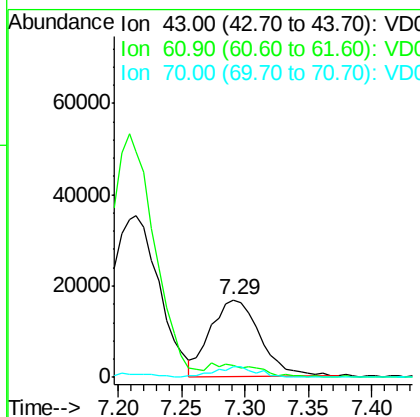
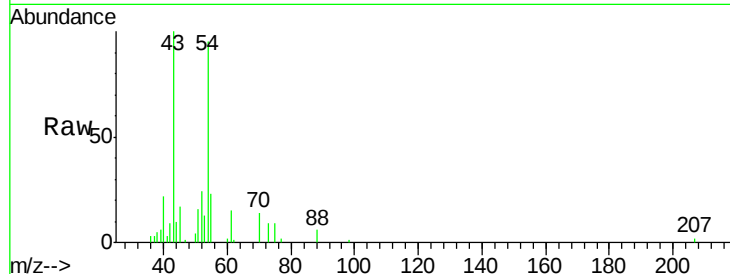
#37
Ethyl Acetate
Concen: 19.643 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD066953.D
Acq: 29 Sep 2020 23:09

Instrument :
MSVOA_D
ClientSampleID :
VW0929SBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.8	9.8	14.8#
70	11.7	8.5	12.7

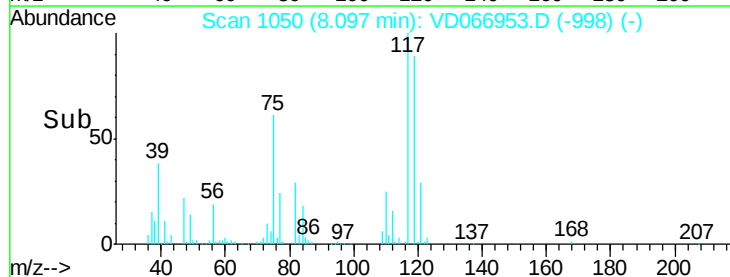
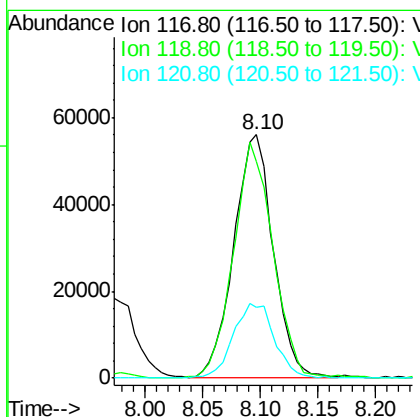
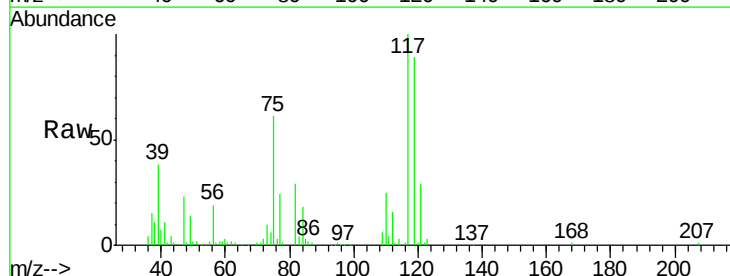
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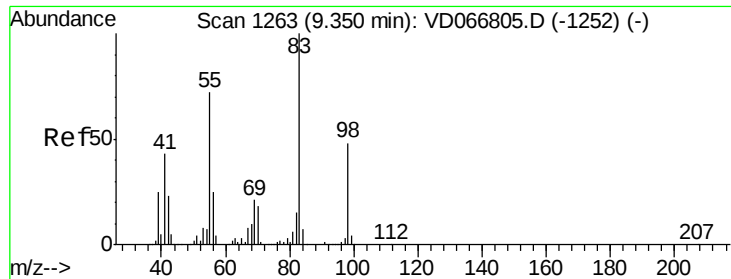
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#38
Carbon Tetrachloride
Concen: 19.196 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VD066953.D
Acq: 29 Sep 2020 23:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	88.7	75.8	113.8
121	29.3	23.4	35.0





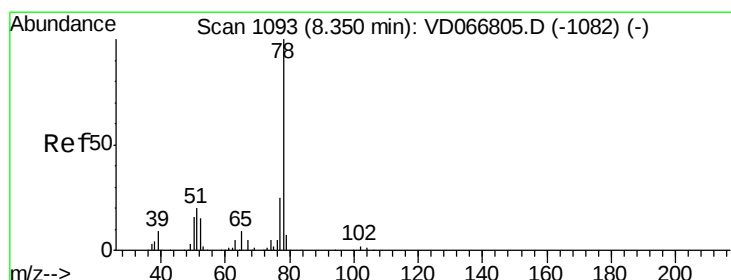
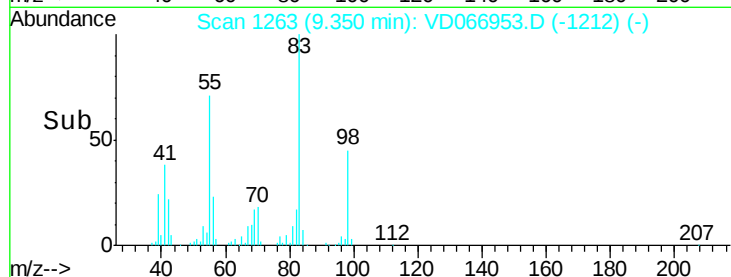
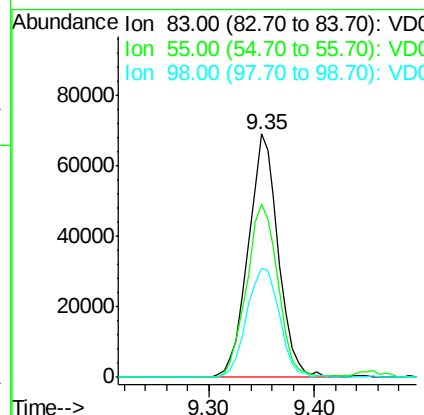
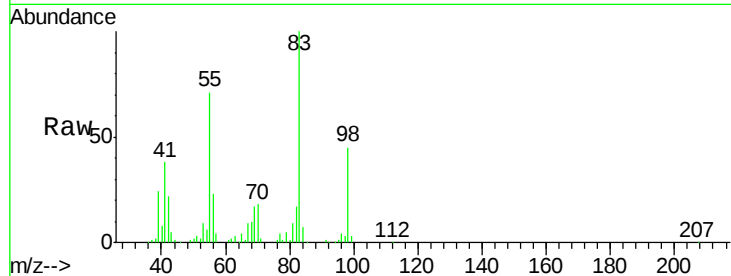
#39
Methvlcvclohexane
Concen: 18.687 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066953.D
Acq: 29 Sep 2020 23:09

Instrument :
MSVOA_D
ClientSampleId :
VW0929SBS02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	136650		
55	71.1		57.7	86.5
98	44.8		38.4	57.6

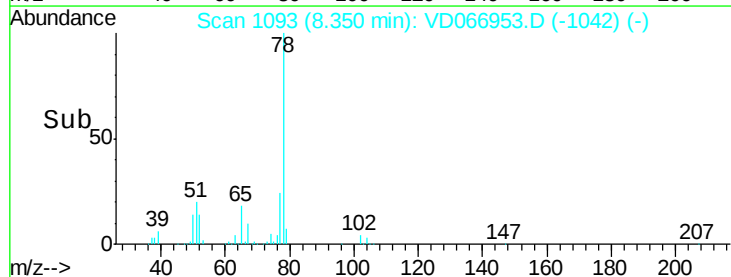
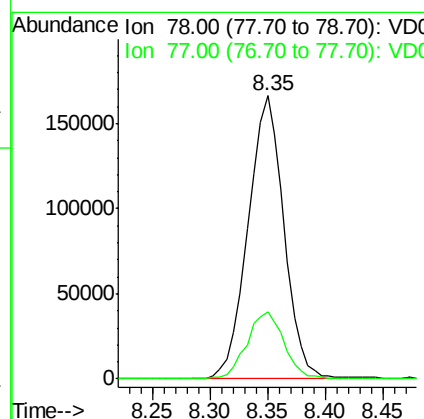
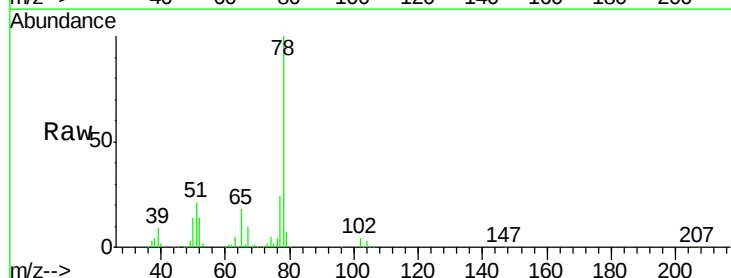
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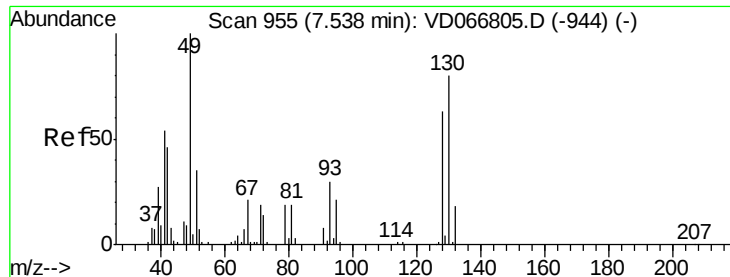
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#40
Benzene
Concen: 20.296 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD066953.D
Acq: 29 Sep 2020 23:09

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	360252		
77	23.6		19.9	29.9





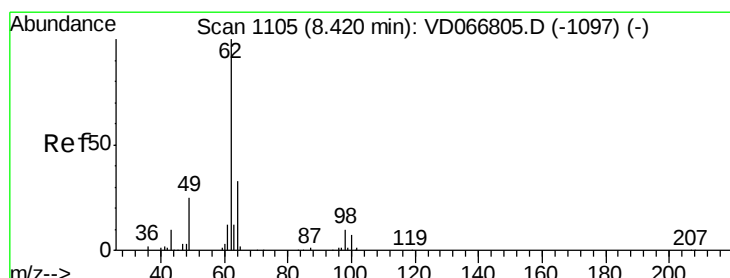
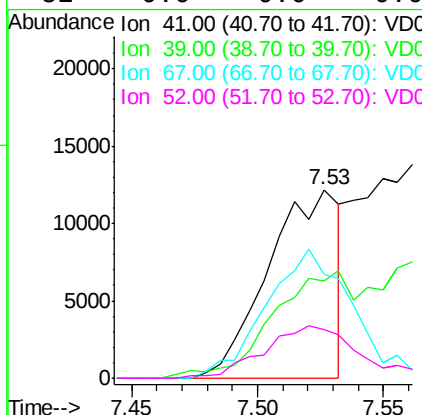
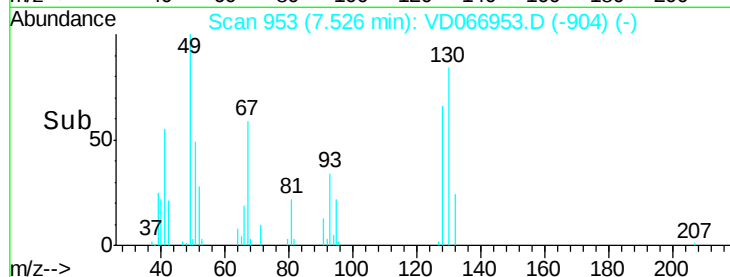
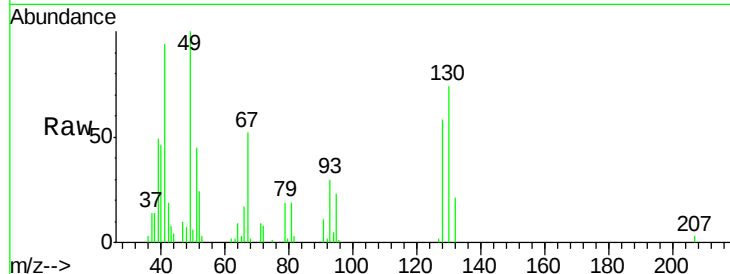
#41
Methacrylonitrile
Concen: 17.149 ug/l m
RT: 7.53 min Scan# 953
Delta R.T. -0.01 min
Lab File: VD066953.D
Acq: 29 Sep 2020 23:09

Instrument :
MSVOA_D
ClientSampleId :
VW0929SBS02

Tot Ion	41	Resp	24281
Ion	Ratio	Lower	Upper
41	100		
39	54.3	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

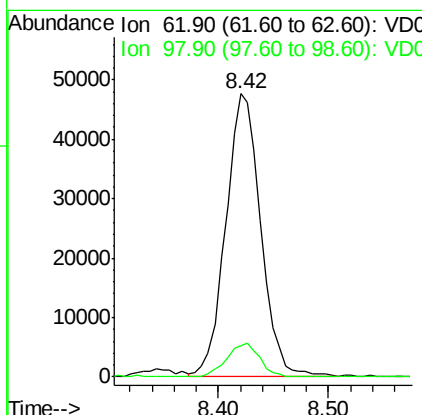
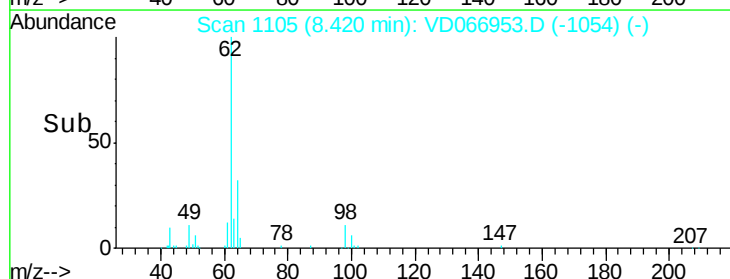
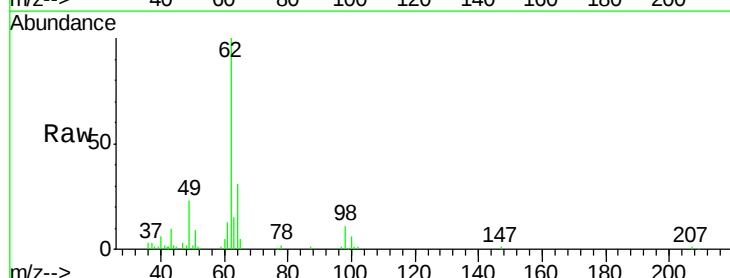
Manual Integrations
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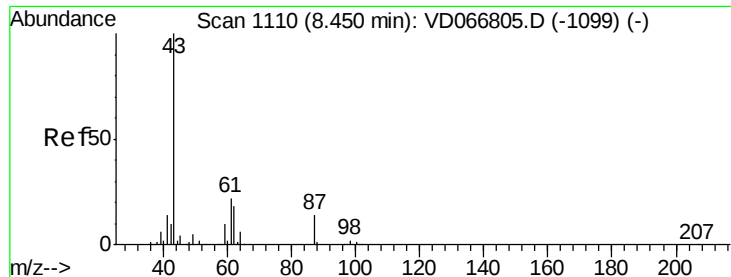
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#42
1,2-Dichloroethane
Concen: 19.996 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066953.D
Acq: 29 Sep 2020 23:09

Tgt Ion	62	Resp	104930
Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	19.8





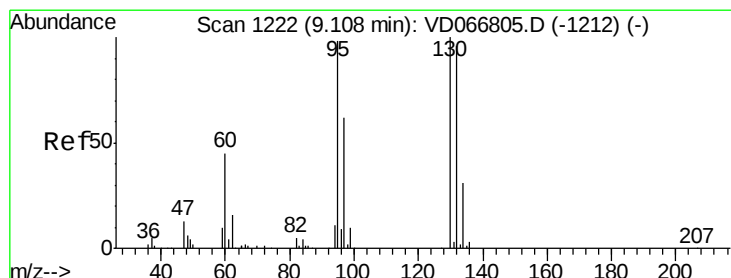
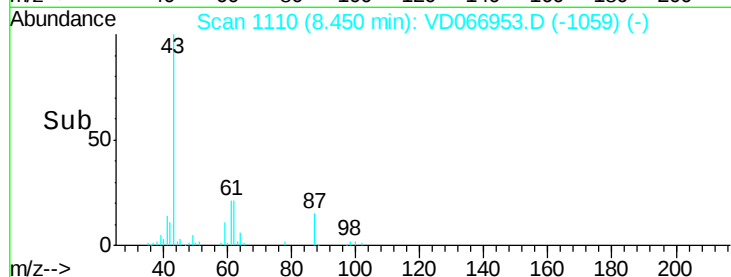
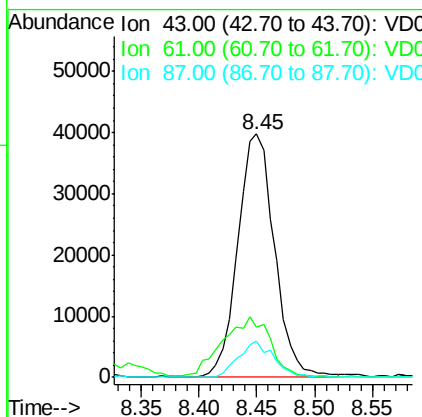
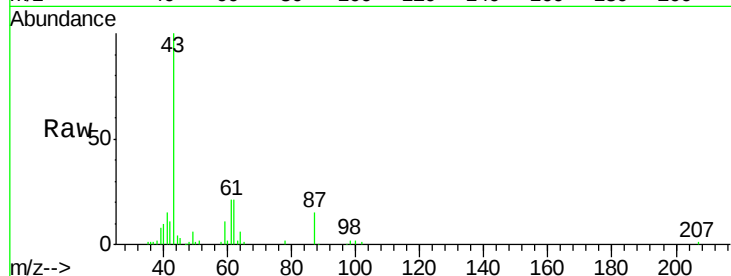
#43
Isopropyl Acetate
Concen: 19.780 ug/l
RT: 8.45 min Scan# 1110
Delta R.T. 0.00 min
Lab File: VD066953.D
Acq: 29 Sep 2020 23:09

Instrument :
MSVOA_D
ClientSampleId :
VW0929SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	32.4	26.2	39.4
87	14.1	11.5	17.3

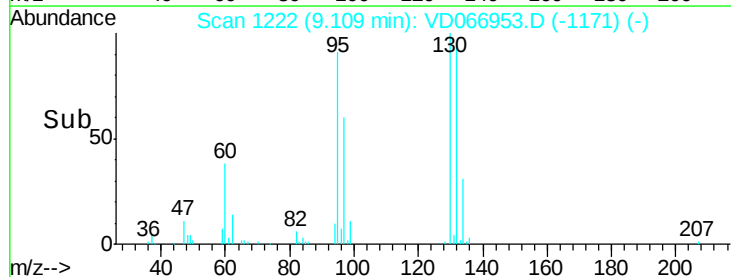
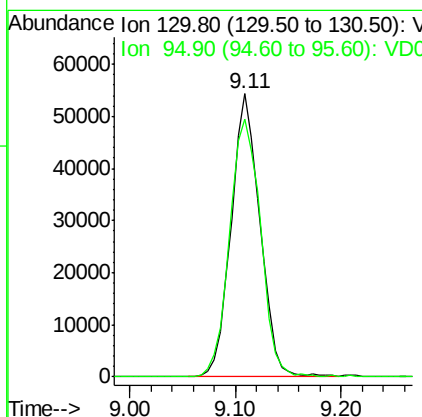
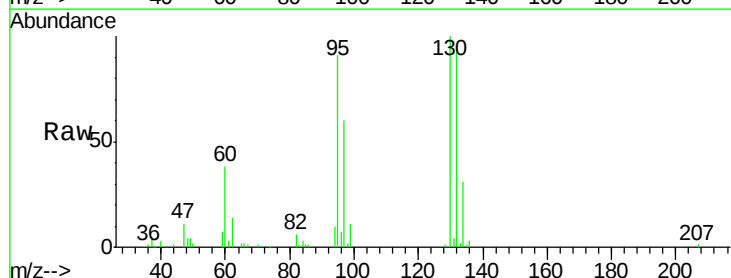
Manual Integrations
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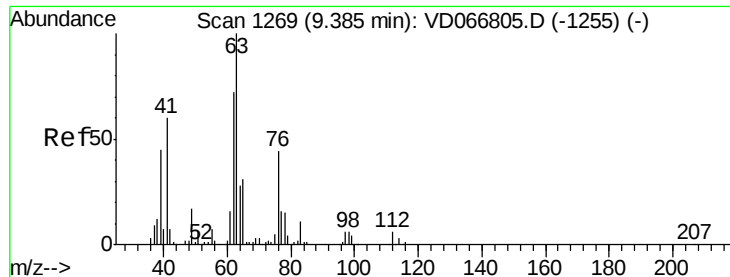
MMDadoda
9/30/2020 1:22:24 PM



#44
Trichloroethene
Concen: 20.223 ug/l
RT: 9.11 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VD066953.D
Acq: 29 Sep 2020 23:09

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.2	0.0	197.0





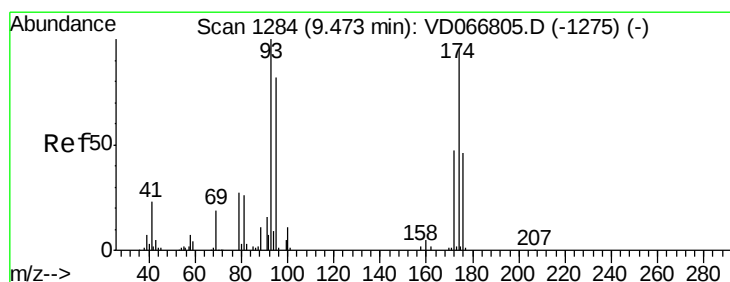
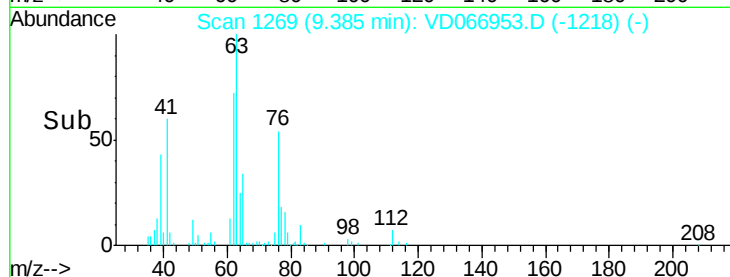
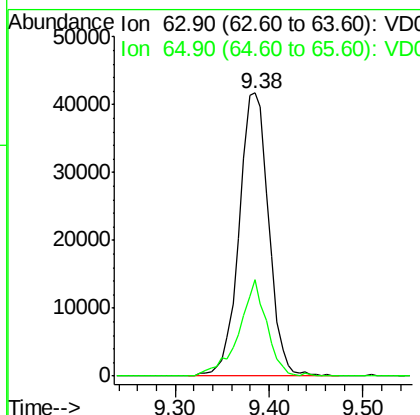
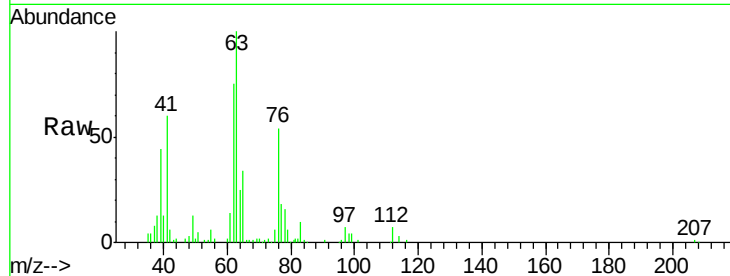
#45
 1,2-Dichloropropane
 Concen: 20.349 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD066953.D
 Acq: 29 Sep 2020 23:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VW0929SBS02

Tot Ion: 63 Resp: 90879
 Ion Ratio Lower Upper
 63 100
 65 34.0 24.7 37.1

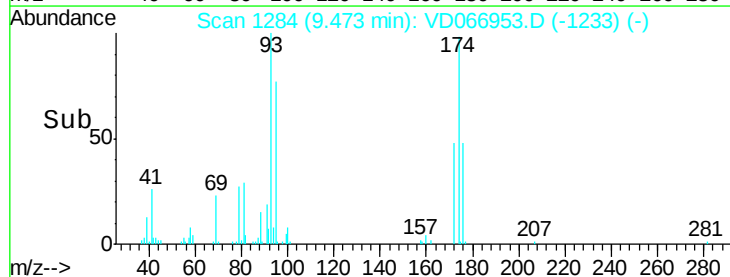
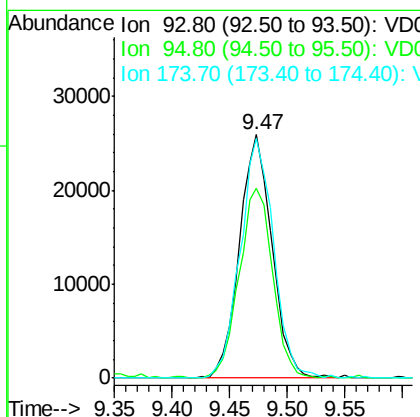
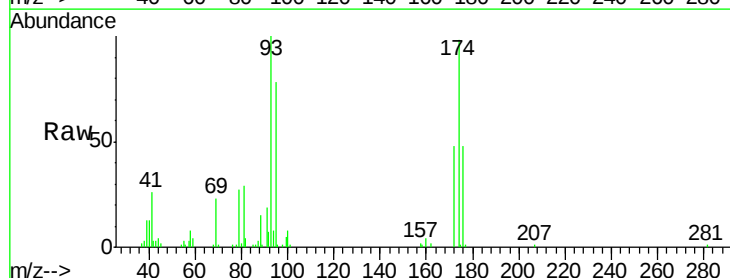
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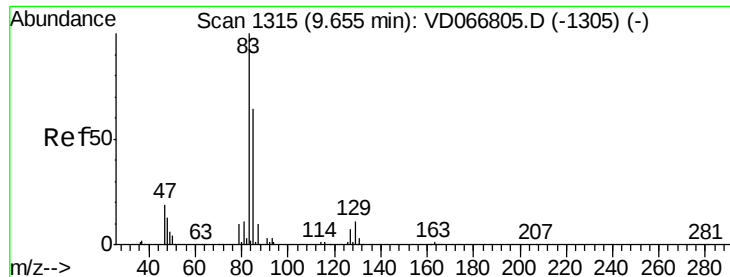
MMDadoda
 9/30/2020 1:22:24 PM



#46
 Dibromomethane
 Concen: 20.973 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD066953.D
 Acq: 29 Sep 2020 23:09

Tgt Ion: 93 Resp: 50891
 Ion Ratio Lower Upper
 93 100
 95 80.2 65.3 97.9
 174 100.7 75.4 113.2





#47

Bromodichloromethane

Concen: 20.331 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Instrument :

MSVOA_D

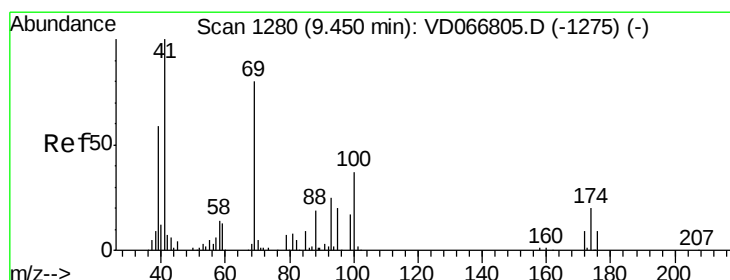
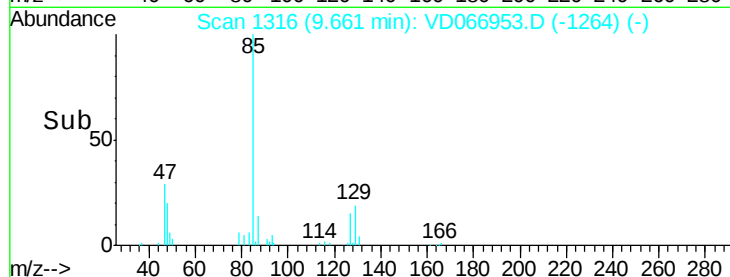
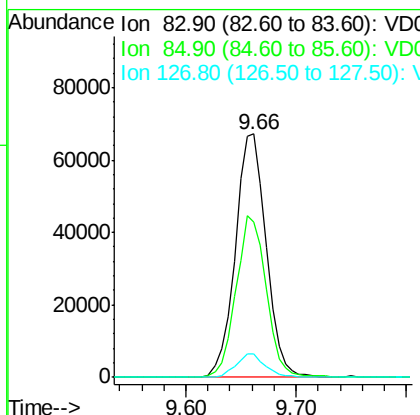
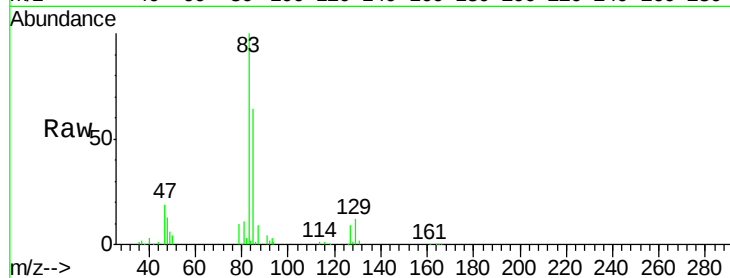
ClientSampleId :

VW0929SBS02

Tot Ion:	83	Resp:	132522
Ion Ratio	Lower	Upper	
83	100		
85	63.7	50.9	76.3
127	9.4	5.9	8.9#

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.201 ug/l

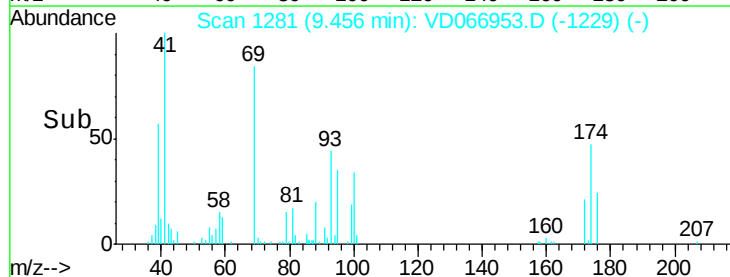
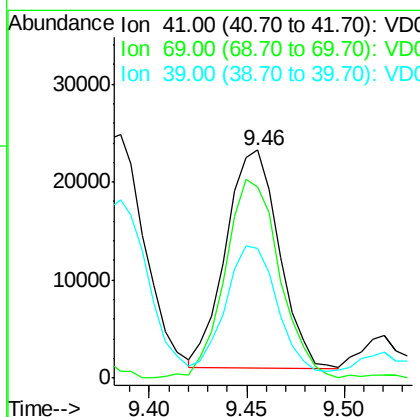
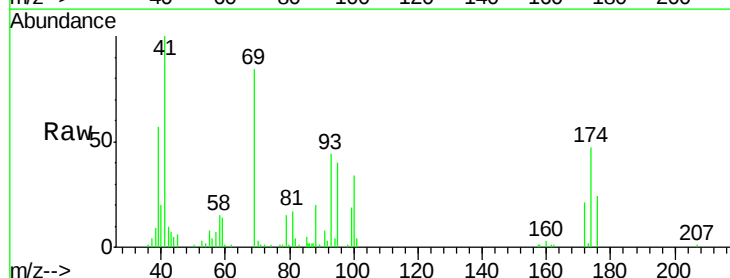
RT: 9.46 min Scan# 1281

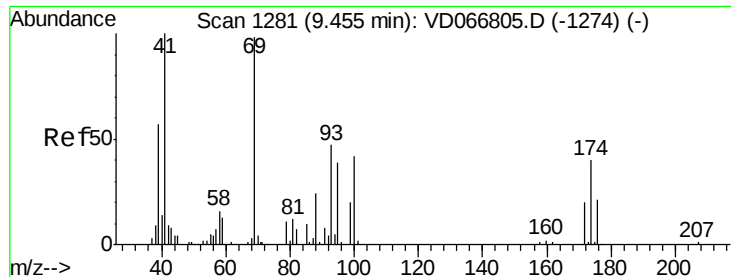
Delta R.T. 0.01 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Tgt Ion:	41	Resp:	42024
Ion Ratio	Lower	Upper	
41	100		
69	93.6	74.5	111.7
39	54.9	47.0	70.6





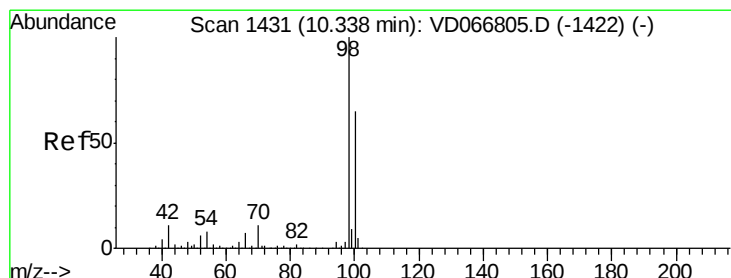
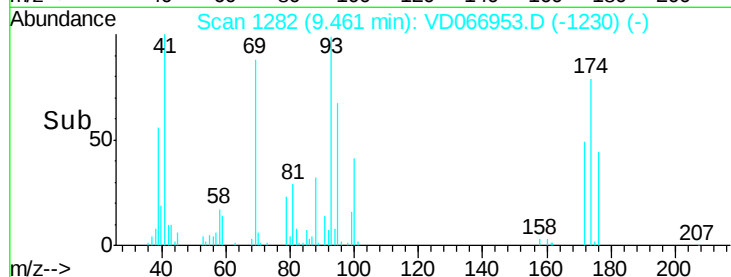
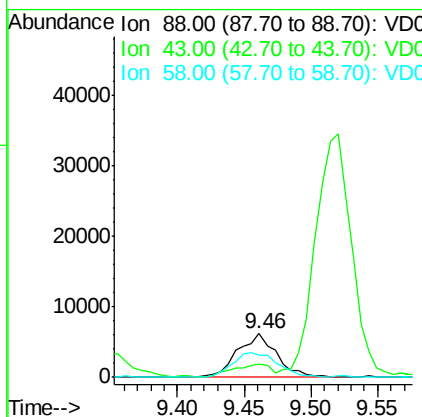
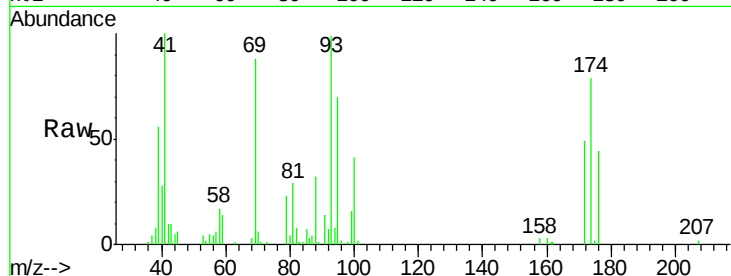
#49
1,4-Dioxane
Concen: 392.248 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.01 min
Lab File: VD066953.D
Acq: 29 Sep 2020 23:09

Instrument :
MSVOA_D
ClientSampleId :
VW0929SBS02

Tot Ion	88	Resp	12529
Ion	Ratio	Lower	Upper
88	100		
43	29.7	27.7	41.5
58	65.6	55.5	83.3

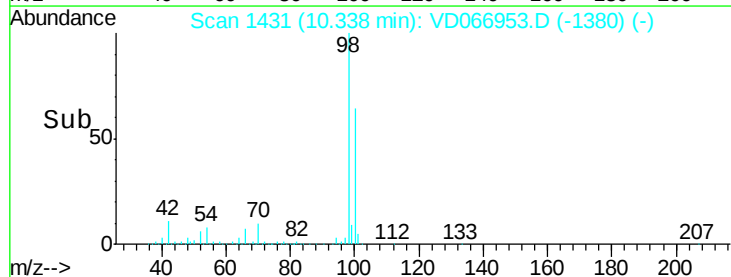
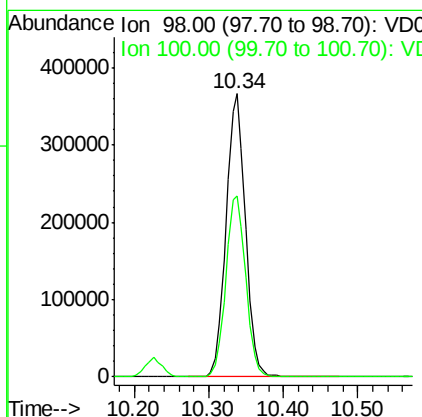
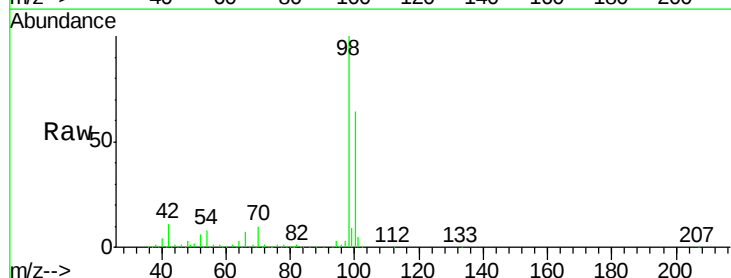
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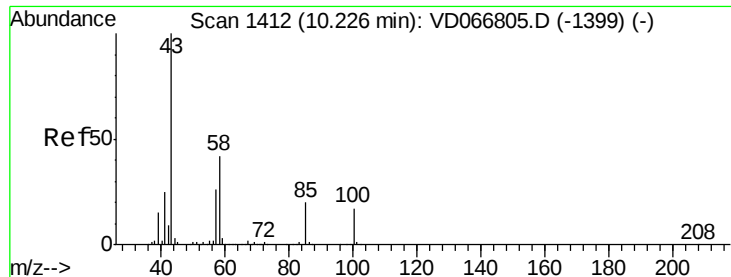
MMDadoda
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#50
Toluene-d8
Concen: 47.709 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066953.D
Acq: 29 Sep 2020 23:09

Tgt Ion	98	Resp	663913
Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 101.356 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Instrument :

MSVOA_D

ClientSampleId :

VW0929SBS02

Tot Ion: 43 Resp: 227975

Ion Ratio Lower Upper

43 100

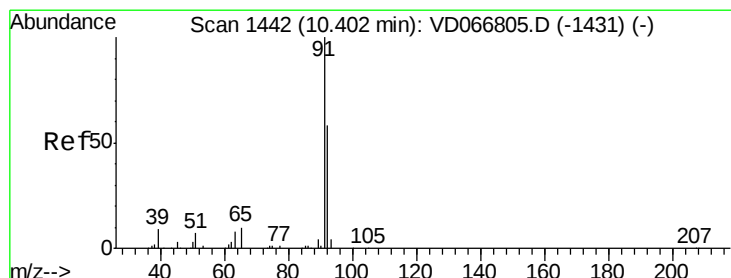
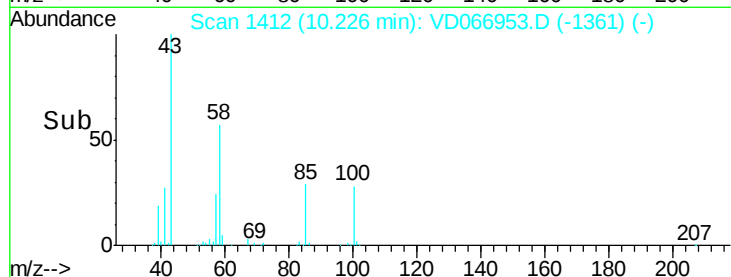
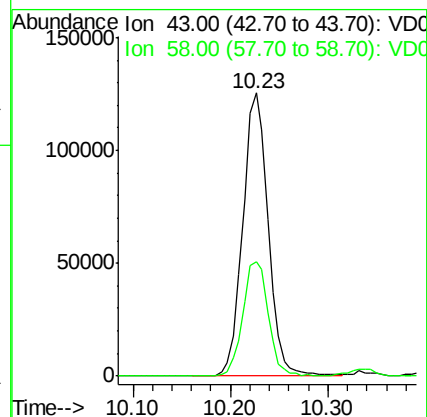
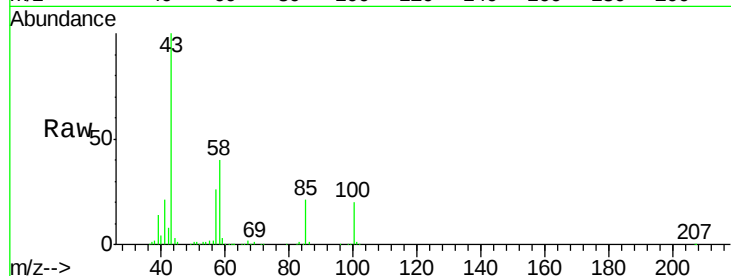
58 40.6 32.2 48.4

Manual Integrations

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#52

Toluene

Concen: 20.978 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066953.D

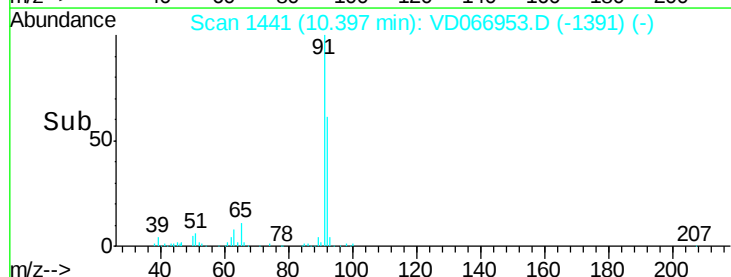
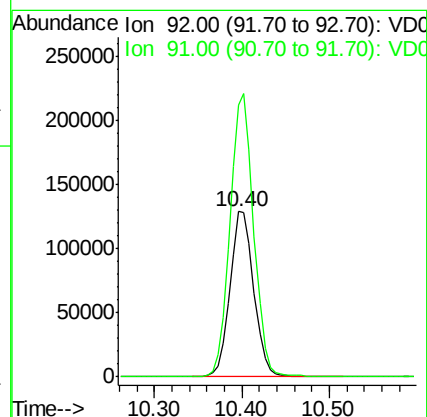
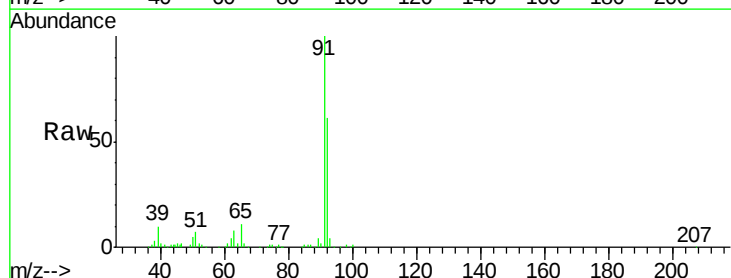
Acq: 29 Sep 2020 23:09

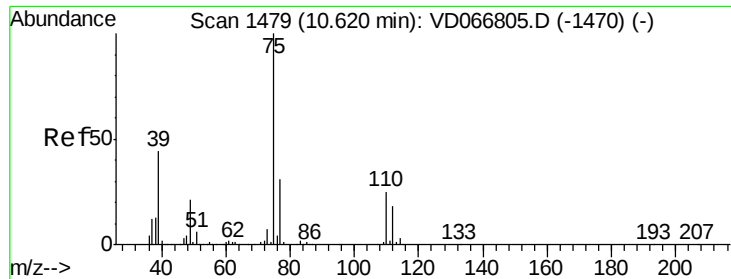
Tgt Ion: 92 Resp: 239858

Ion Ratio Lower Upper

92 100

91 169.4 134.6 202.0





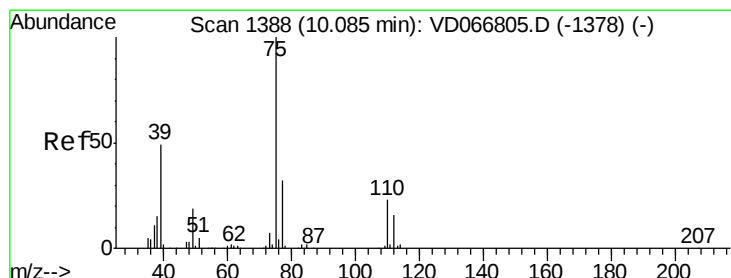
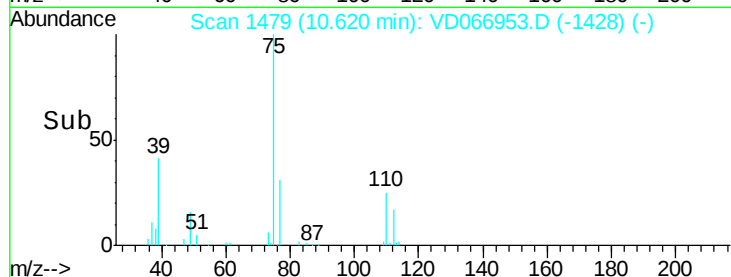
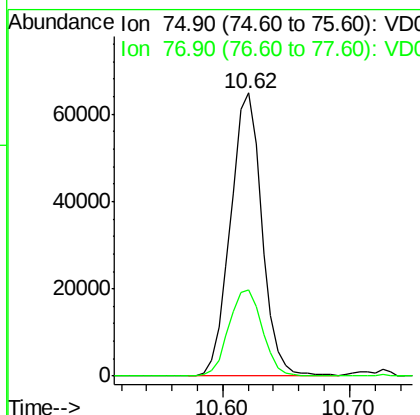
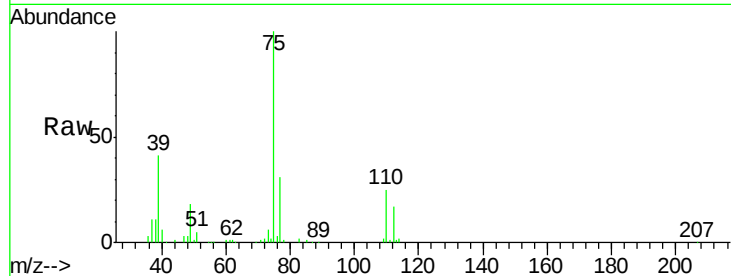
#53
t-1,3-Dichloropropene
Concen: 20.061 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. 0.00 min
Lab File: VD066953.D
Acq: 29 Sep 2020 23:09

Instrument :
MSVOA_D
ClientSampleId :
VW0929SBS02

Tot Ion: 75 Resp: 111297
Ion Ratio Lower Upper
75 100
77 30.6 24.5 36.7

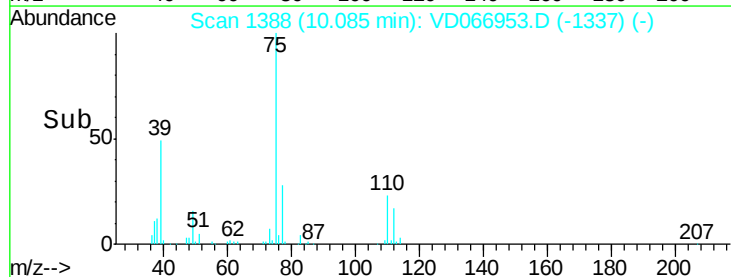
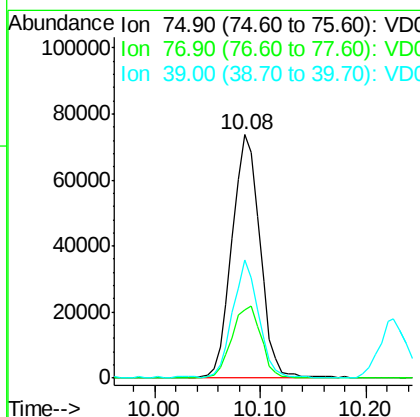
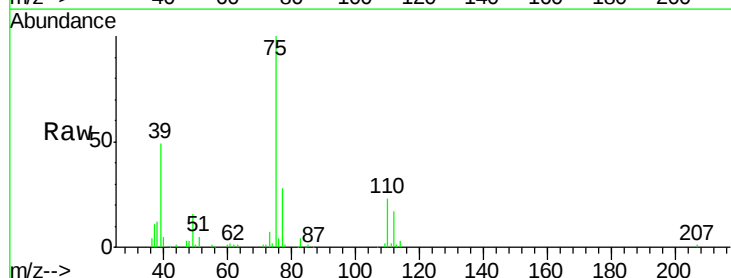
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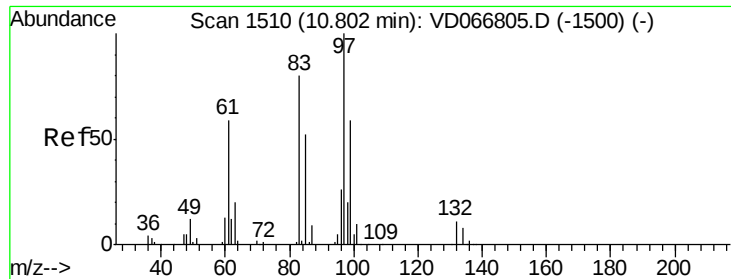
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#54
cis-1,3-Dichloropropene
Concen: 20.054 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VD066953.D
Acq: 29 Sep 2020 23:09

Tgt Ion: 75 Resp: 135664
Ion Ratio Lower Upper
75 100
77 27.8 25.6 38.4
39 48.2 39.2 58.8





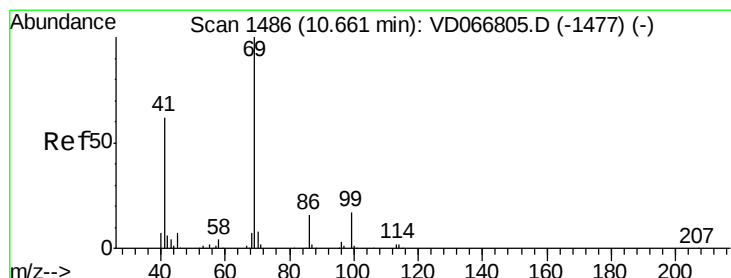
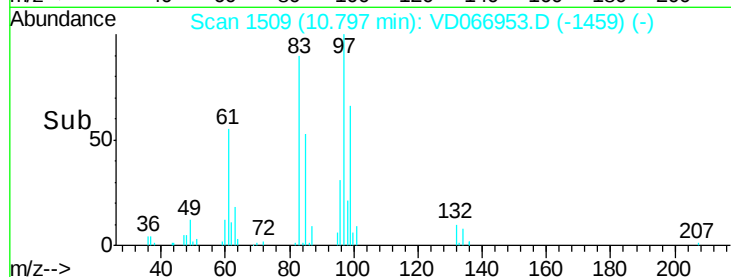
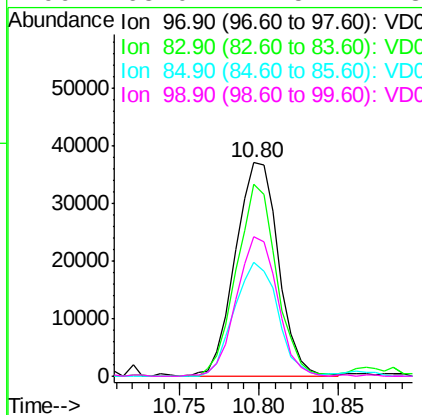
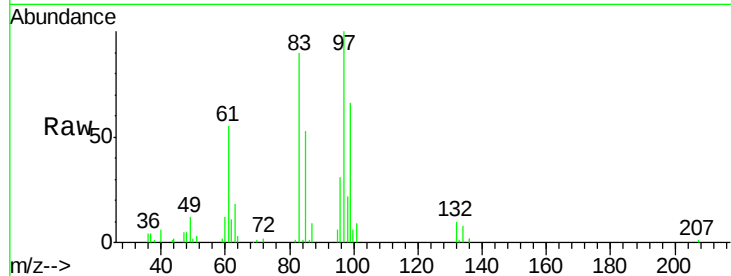
#55
 1,1,2-Trichloroethane
 Concen: 21.043 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066953.D
 Acq: 29 Sep 2020 23:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VW0929SBS02

Tot Ion:	97	Resp:	70193
Ion	Ratio	Lower	Upper
97	100		
83	89.4	64.2	96.2
85	53.2	41.9	62.9
99	65.0	47.5	71.3

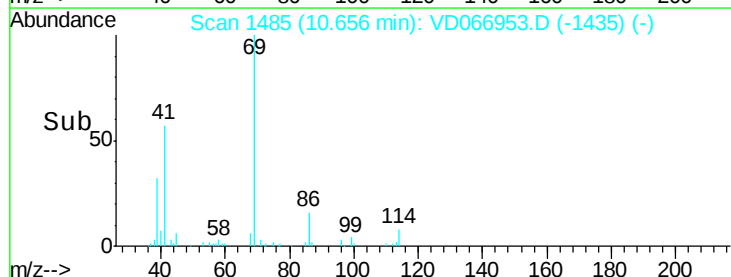
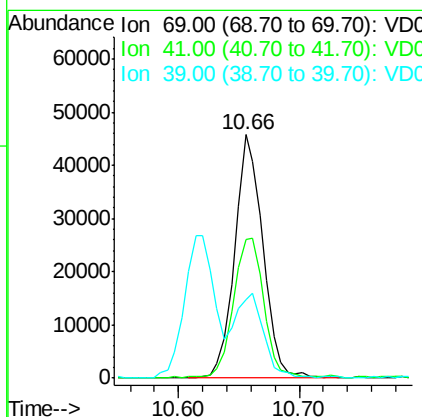
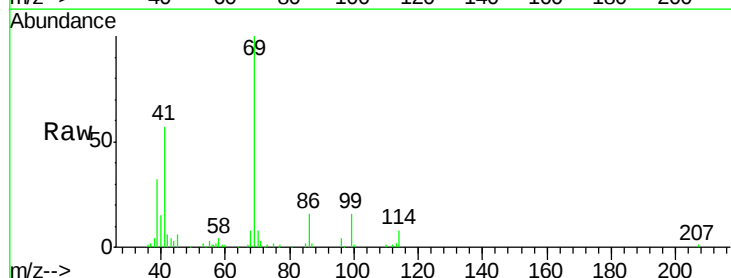
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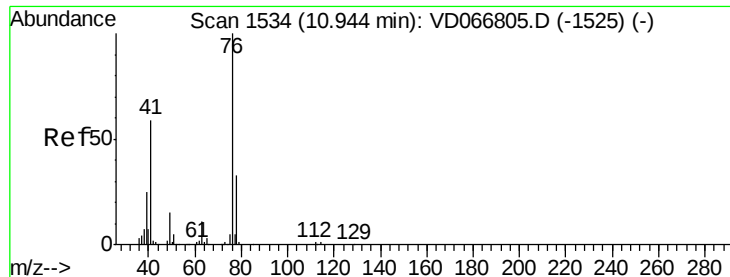
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#56
 Ethyl methacrylate
 Concen: 20.872 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066953.D
 Acq: 29 Sep 2020 23:09

Tgt Ion:	69	Resp:	74587
Ion	Ratio	Lower	Upper
69	100		
41	62.6	52.2	78.2
39	36.1	26.6	40.0





#57

1,3-Dichloropropane

Concen: 20.992 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Instrument :

MSVOA_D

ClientSampleId :

VW0929SBSD02

Tot Ion: 76 Resp: 115627

Ion Ratio Lower Upper

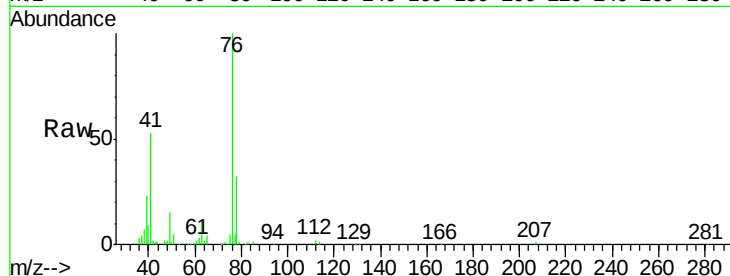
76 100

78 31.8 26.3 39.5

Manual Integrations
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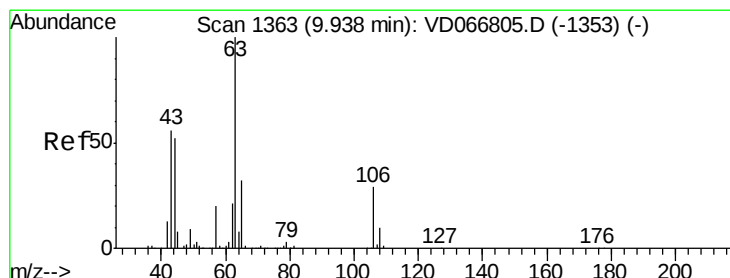
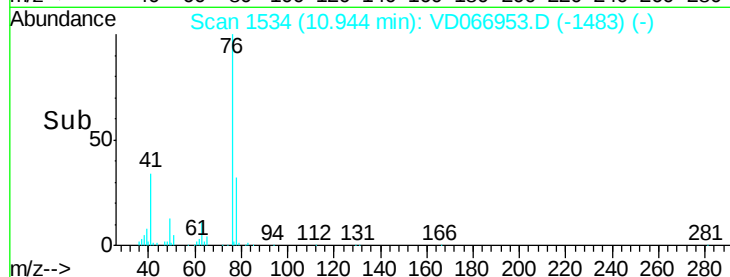
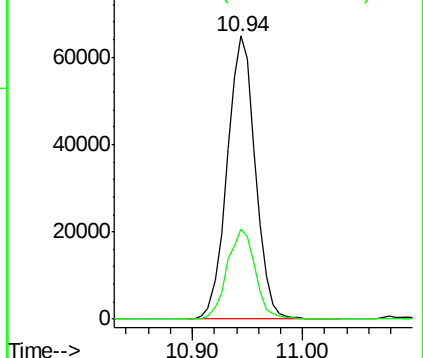
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 120.033 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD066953.D

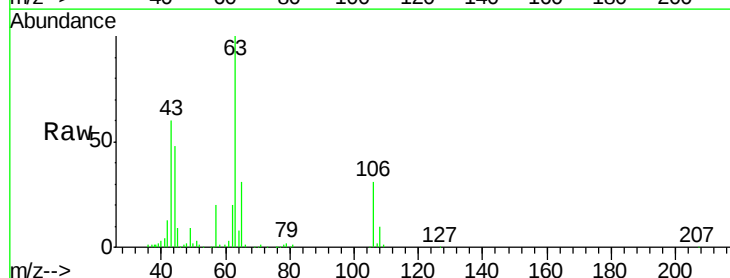
Acq: 29 Sep 2020 23:09

Tgt Ion: 63 Resp: 203098

Ion Ratio Lower Upper

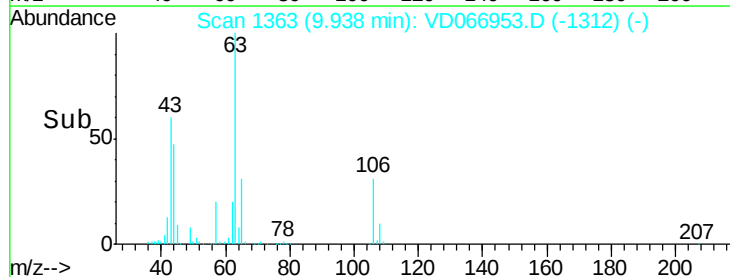
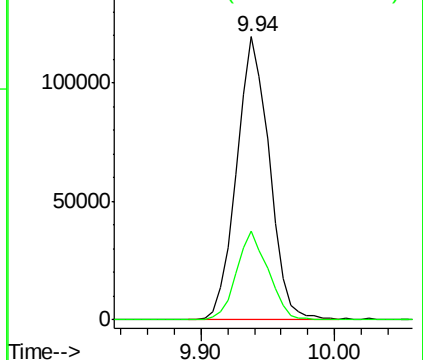
63 100

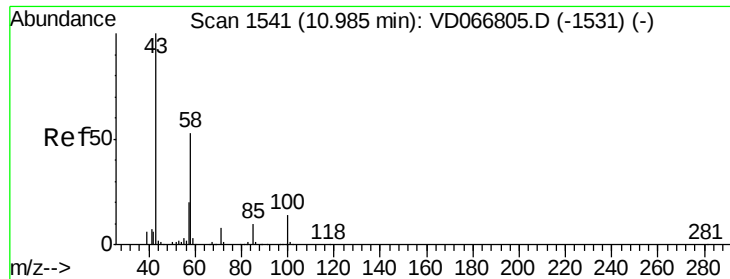
106 30.5 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V





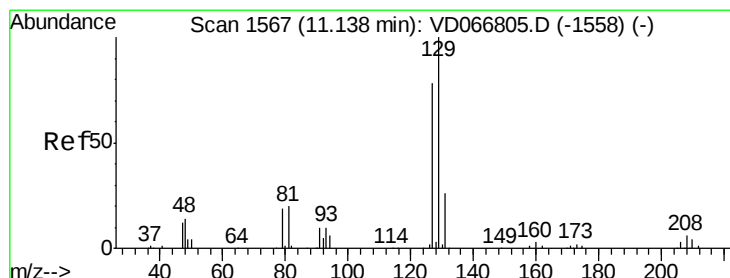
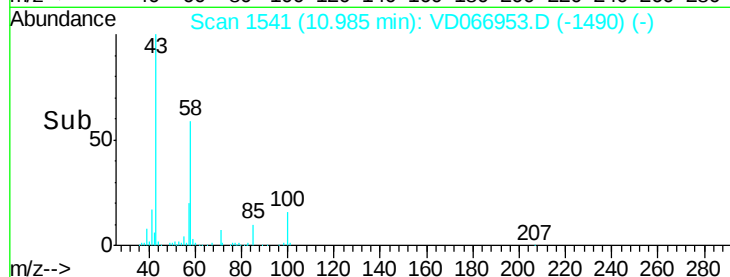
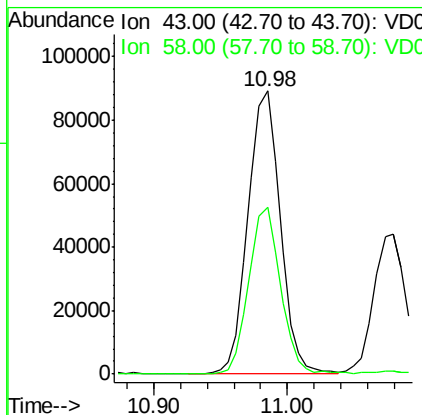
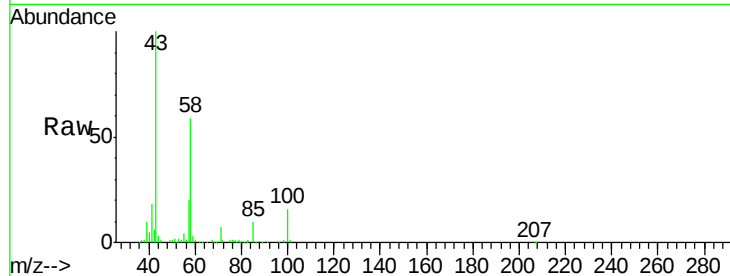
#59
2-Hexanone
Concen: 98.540 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066953.D
Acq: 29 Sep 2020 23:09

Instrument :
MSVOA_D
ClientSampleId :
VW0929SBSD02

Tot Ion: 43 Resp: 149470
Ion Ratio Lower Upper
43 100
58 58.0 27.0 80.8

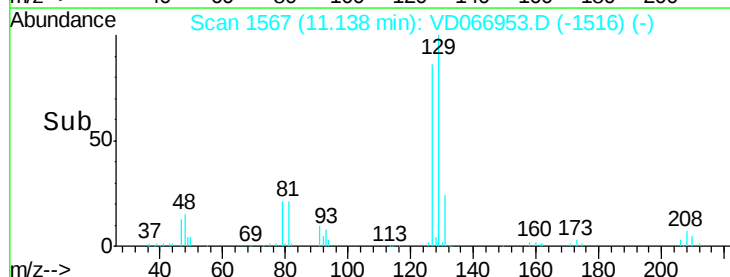
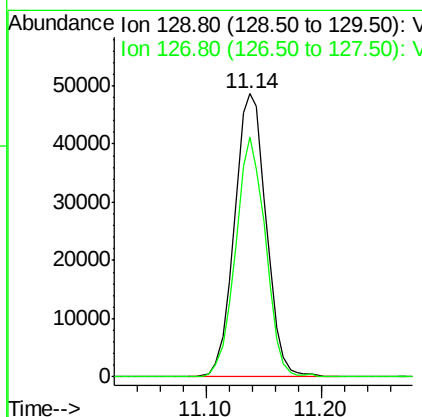
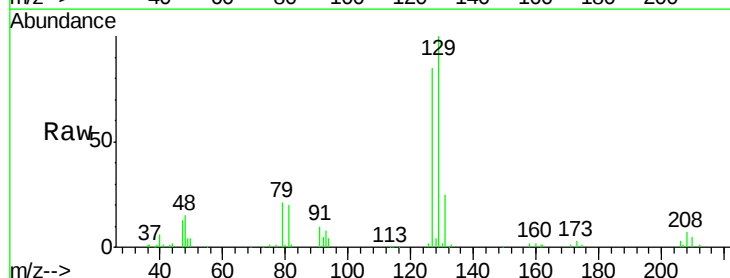
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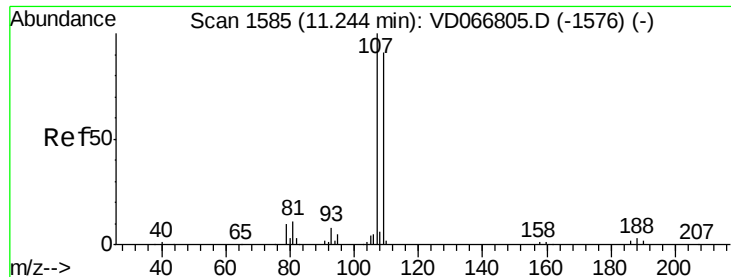
MMDadoda
9/30/2020 1:22:24 PM



#60
Dibromochloromethane
Concen: 21.203 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066953.D
Acq: 29 Sep 2020 23:09

Tgt Ion: 129 Resp: 92309
Ion Ratio Lower Upper
129 100
127 79.7 38.6 116.0





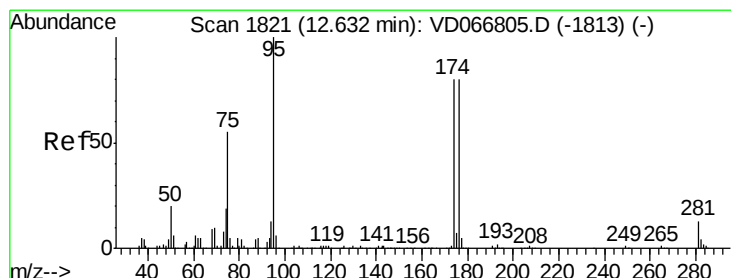
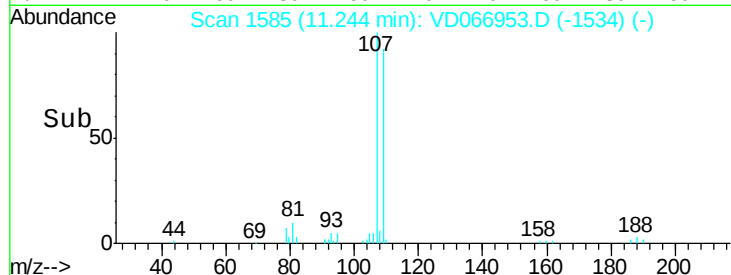
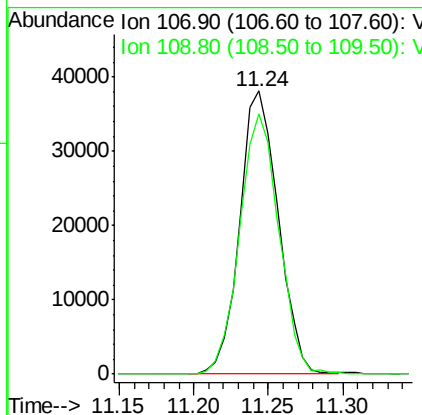
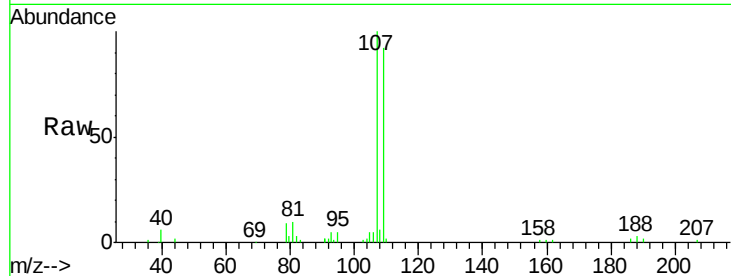
#61
1,2-Dibromoethane
Concen: 21.985 ug/l
RT: 11.24 min Scan# 1585
Delta R.T. 0.00 min
Lab File: VD066953.D
Acq: 29 Sep 2020 23:09

Instrument :
MSVOA_D
ClientSampleId :
VW0929SBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.6	75.0	112.4

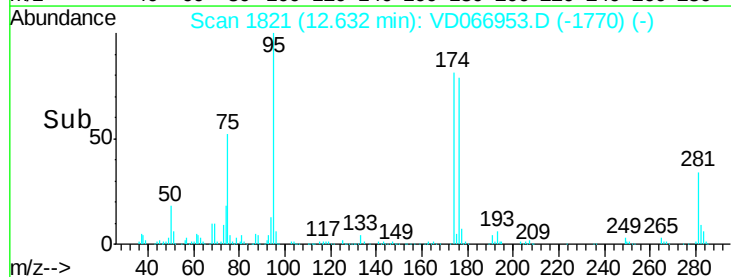
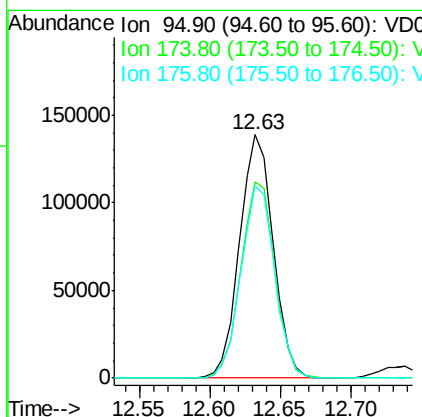
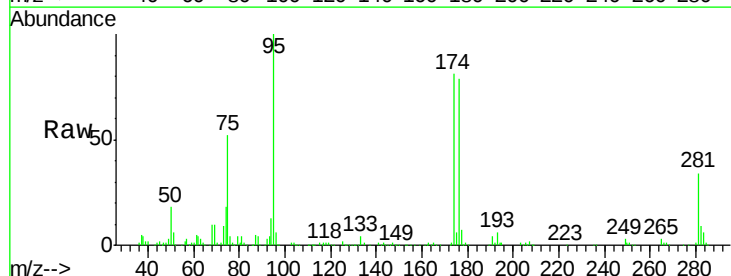
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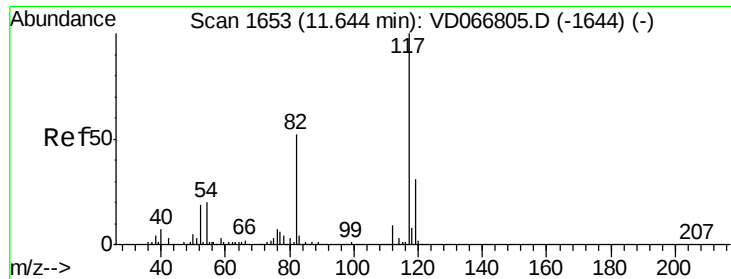
MMDadoda
9/30/2020 1:22:24 PM



#62
4-Bromofluorobenzene
Concen: 48.592 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066953.D
Acq: 29 Sep 2020 23:09

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.7	0.0	159.8
176	79.6	0.0	154.4





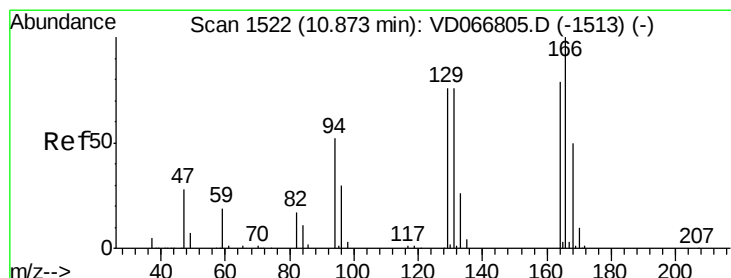
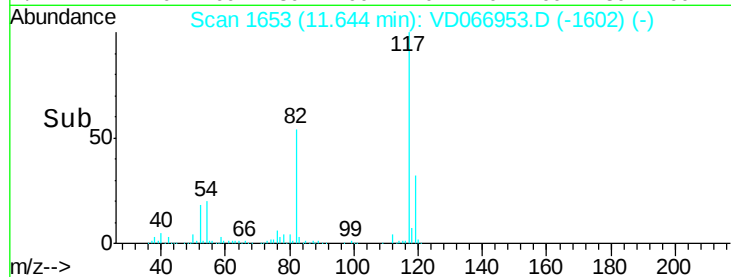
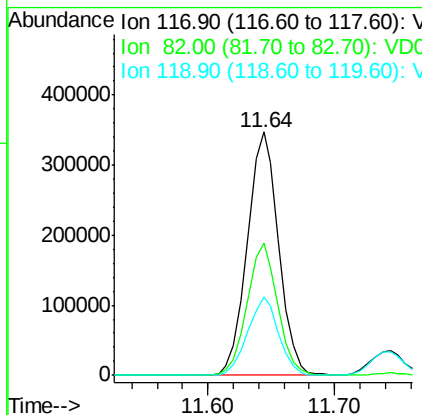
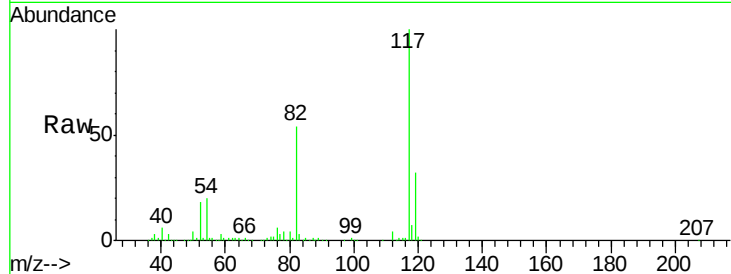
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066953.D
Acq: 29 Sep 2020 23:09

Instrument :
MSVOA_D
ClientSampleId :
VW0929SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	595830		
82	54.5		41.8	62.6
119	32.1		24.6	37.0

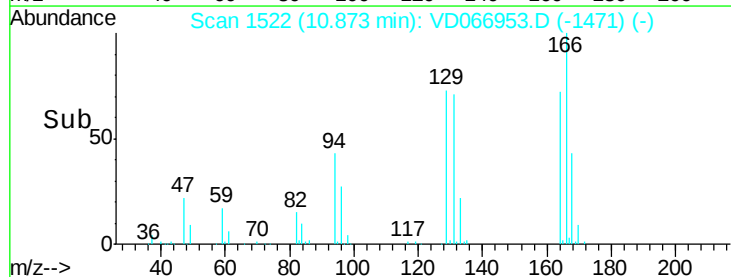
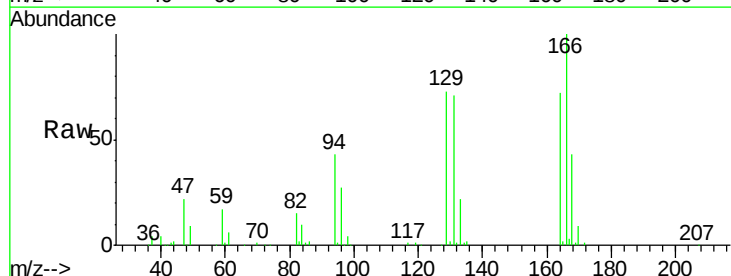
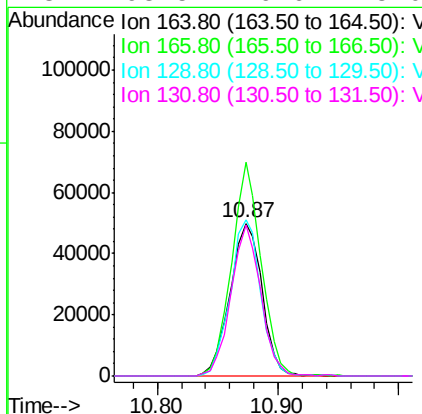
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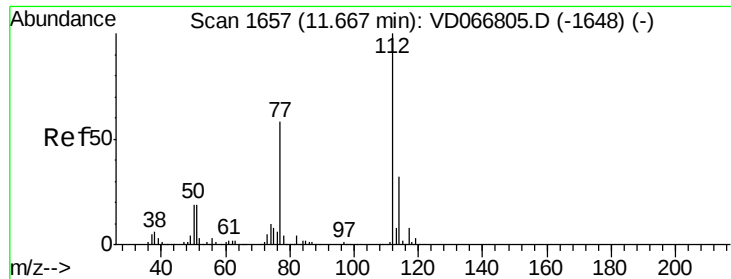
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#64
Tetrachloroethene
Concen: 21.575 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066953.D
Acq: 29 Sep 2020 23:09

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	92467		
166	139.3		101.1	151.7
129	102.0		77.0	115.4
131	98.5		76.6	115.0





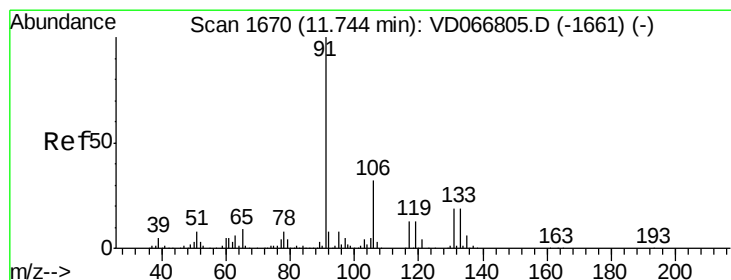
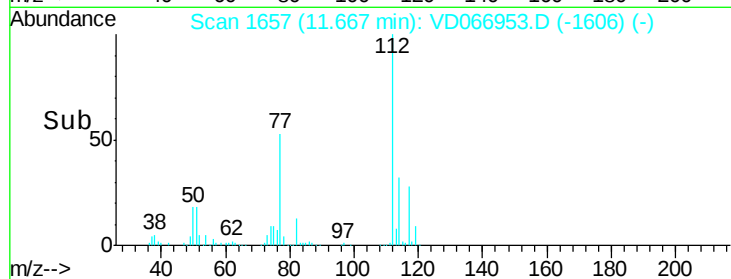
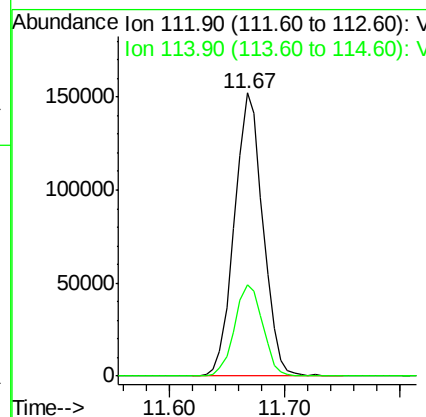
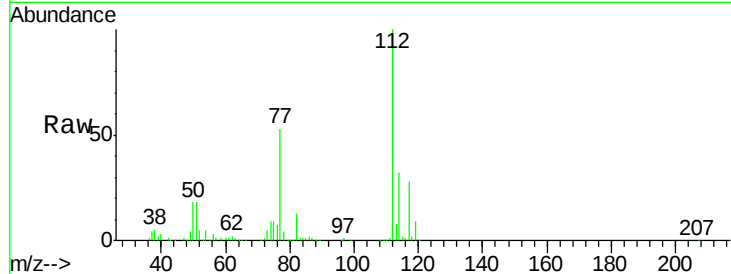
#65
Chlorobenzene
Concen: 20.983 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VD066953.D
Acq: 29 Sep 2020 23:09

Instrument :
MSVOA_D
ClientSampleId :
VW0929SBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.4	38.2

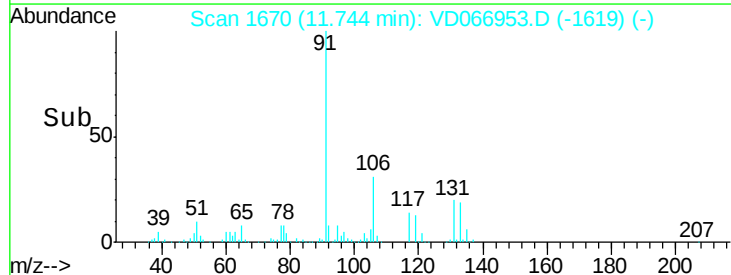
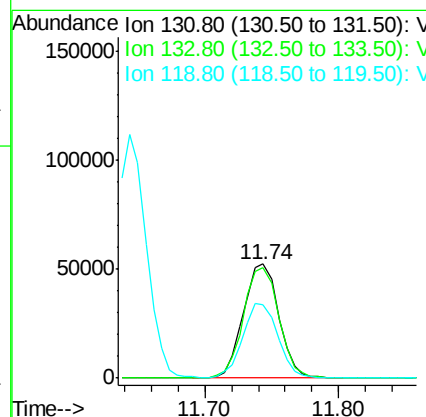
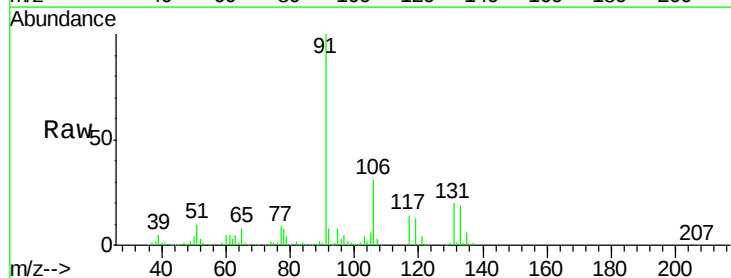
Manual Integrations
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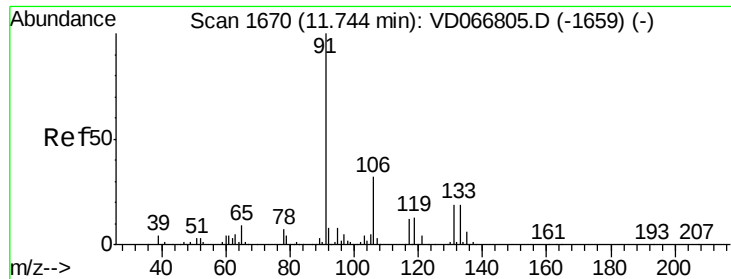
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.500 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066953.D
Acq: 29 Sep 2020 23:09

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.9	46.7	140.1
119	64.9	32.3	96.9





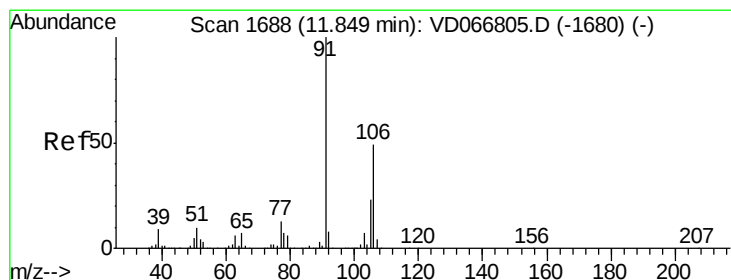
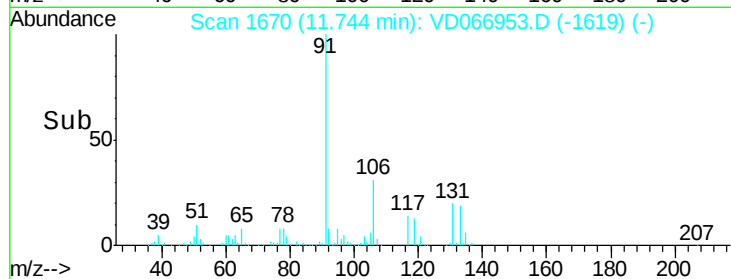
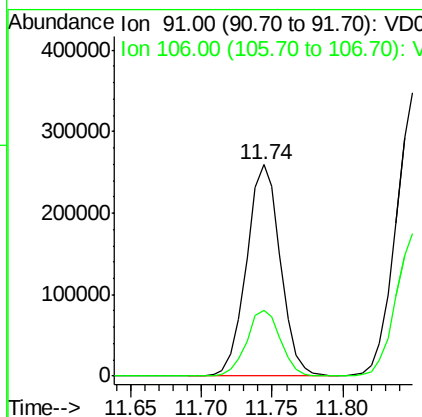
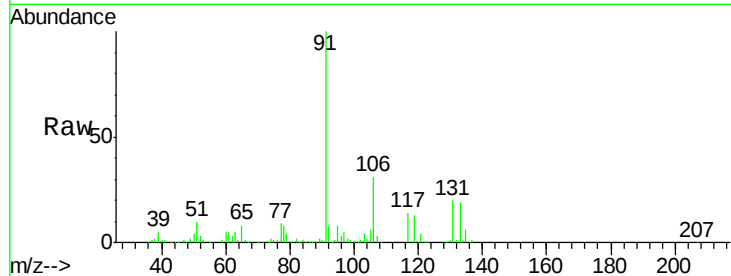
#67
Ethyl Benzene
Concen: 20.063 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066953.D
Acq: 29 Sep 2020 23:09

Instrument :
MSVOA_D
ClientSampleId :
VW0929SBS02

Tot Ion: 91 Resp: 437037
Ion Ratio Lower Upper
91 100
106 30.9 25.6 38.4

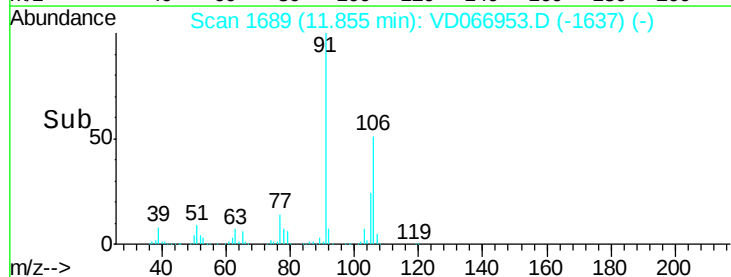
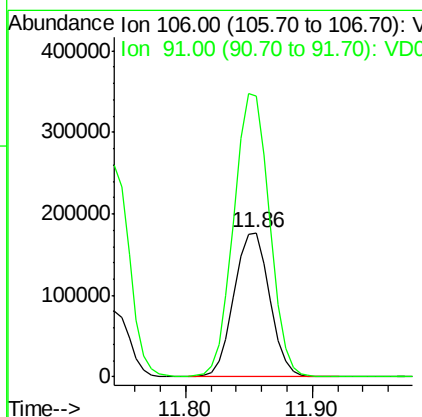
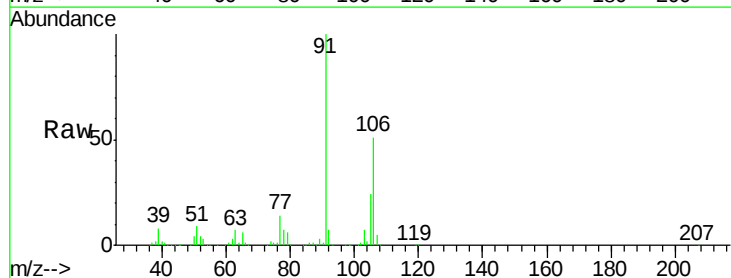
Manual Integrations
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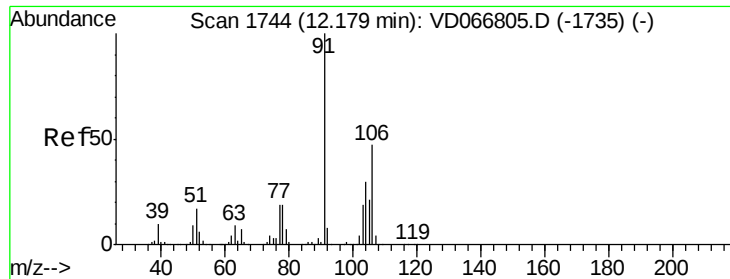
MMDadoda
9/30/2020 1:22:24 PM



#68
m/p-Xylenes
Concen: 41.911 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VD066953.D
Acq: 29 Sep 2020 23:09

Tgt Ion: 106 Resp: 345651
Ion Ratio Lower Upper
106 100
91 196.8 160.7 241.1





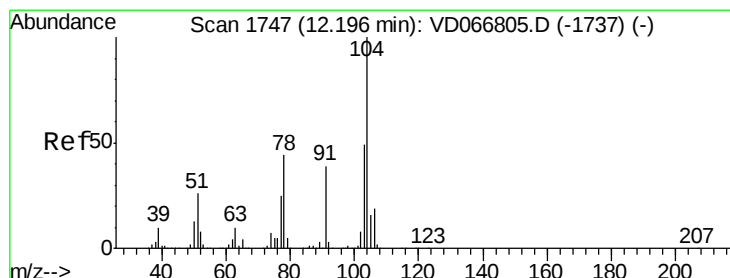
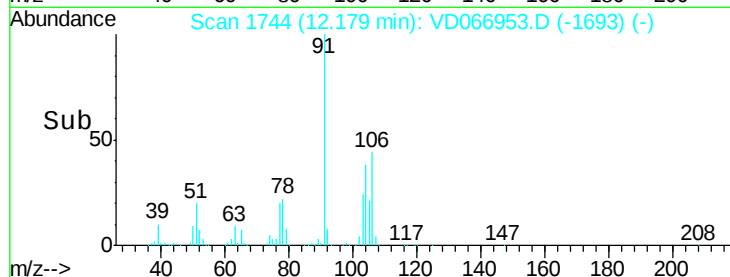
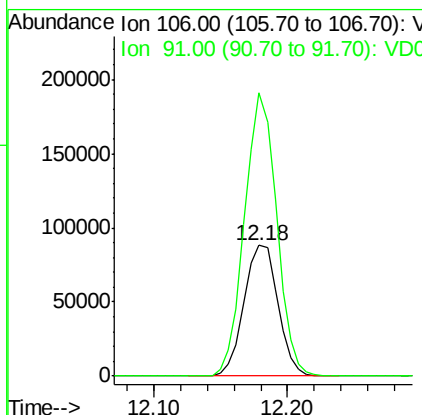
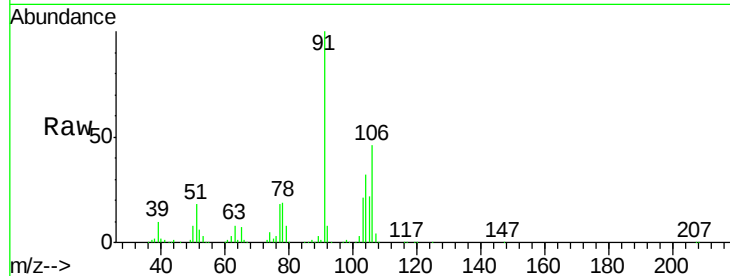
#69
o-Xylene
Concen: 20.763 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066953.D
Acq: 29 Sep 2020 23:09

Instrument :
MSVOA_D
ClientSampleId :
VW0929SBS02

Tot Ion	Ratio	Lower	Upper
106	100		
91	205.5	106.3	318.8

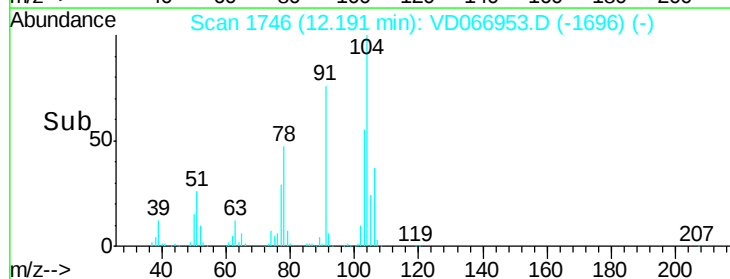
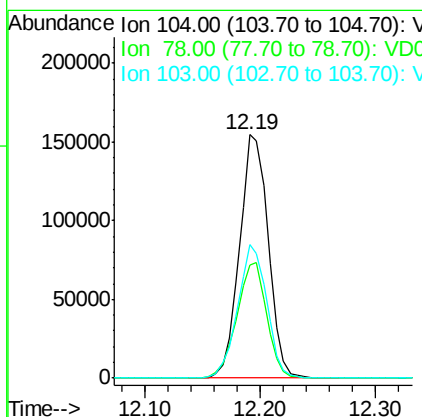
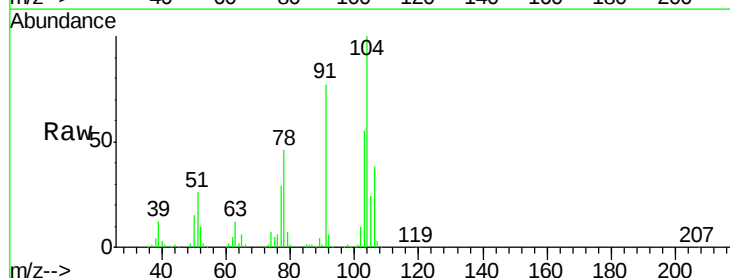
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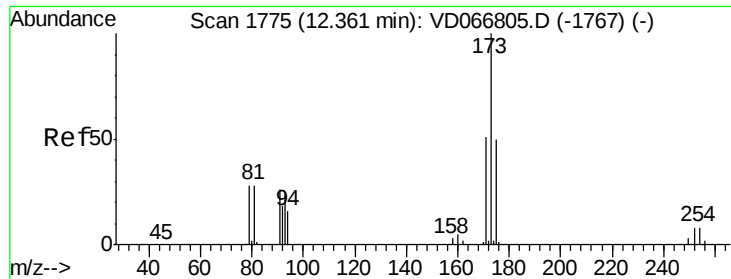
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#70
Styrene
Concen: 20.612 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066953.D
Acq: 29 Sep 2020 23:09

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.3	38.9	58.3
103	55.5	43.2	64.8





#71

Bromoform

Concen: 22.043 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Instrument :

MSVOA_D

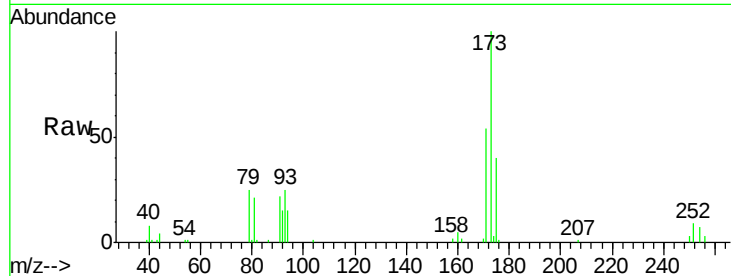
ClientSampleId :

VW0929SBS02

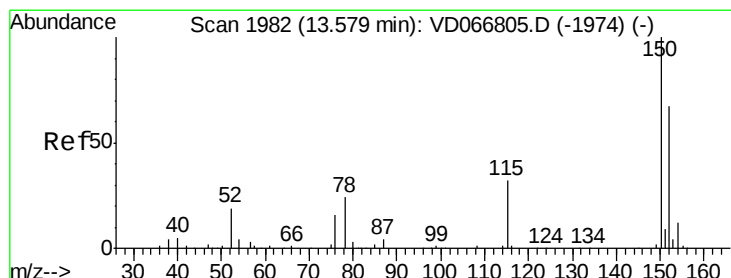
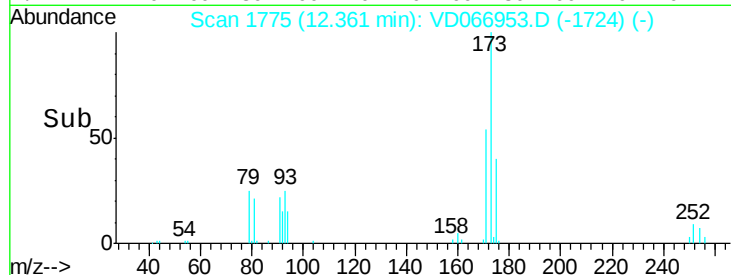
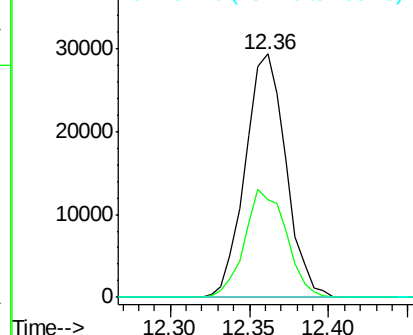
Tot Ion	Ratio	Lower	Upper
173	100		
175	45.4	24.9	74.6
254	0.0	0.1	0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

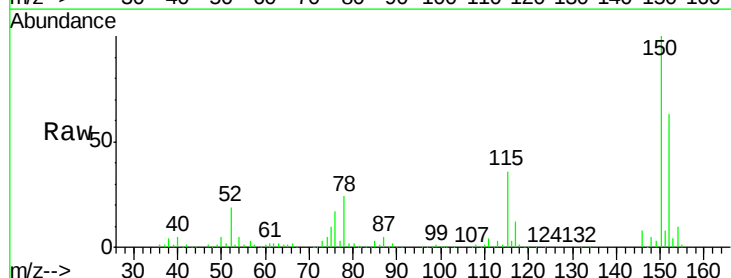
RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

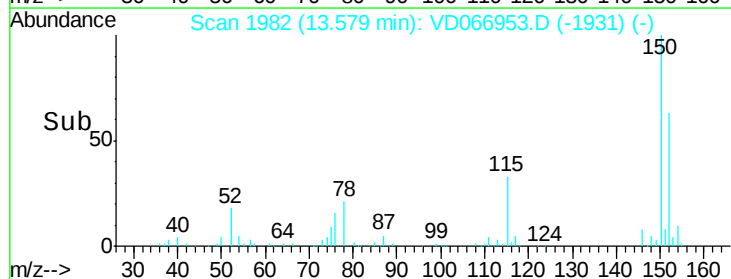
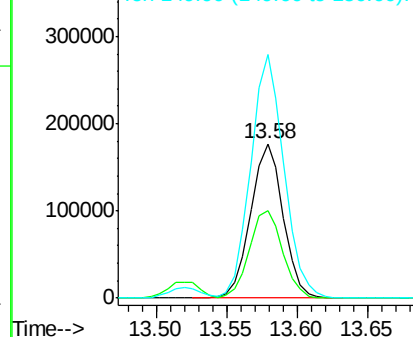
Lab File: VD066953.D

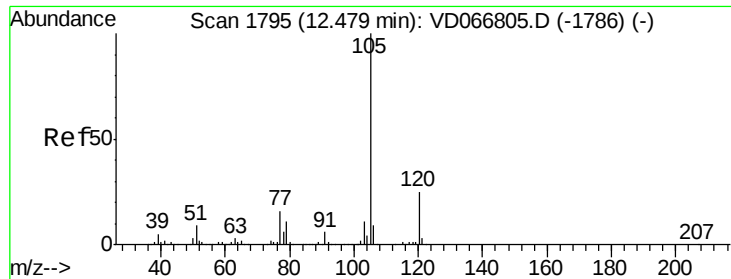
Acq: 29 Sep 2020 23:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.9	30.3	91.0
150	162.2	0.0	346.2



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





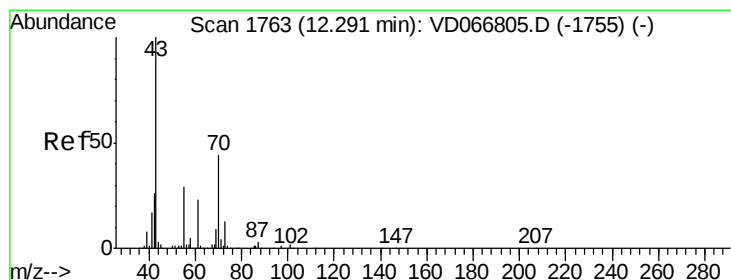
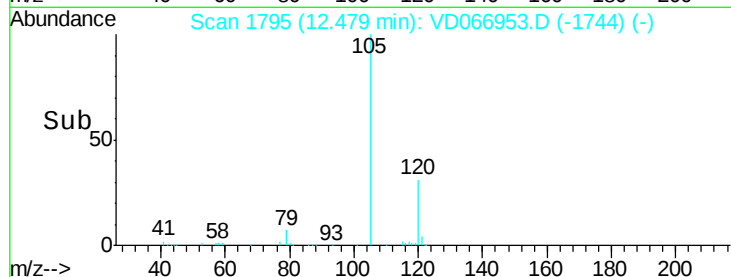
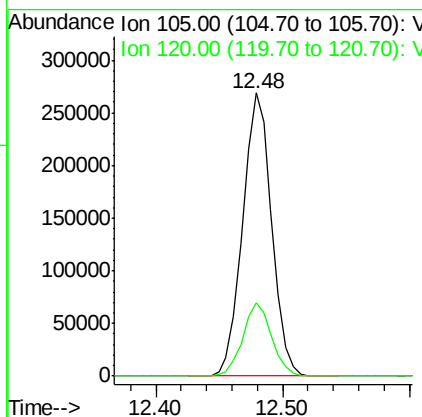
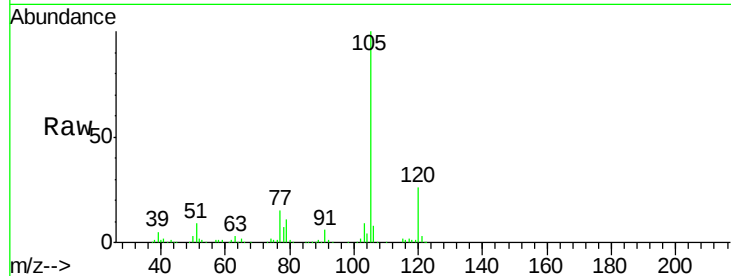
#73
Isopropylbenzene
Concen: 20.654 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VD066953.D
Acq: 29 Sep 2020 23:09

Instrument :
MSVOA_D
ClientSampleId :
VW0929SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.7	12.9	38.6

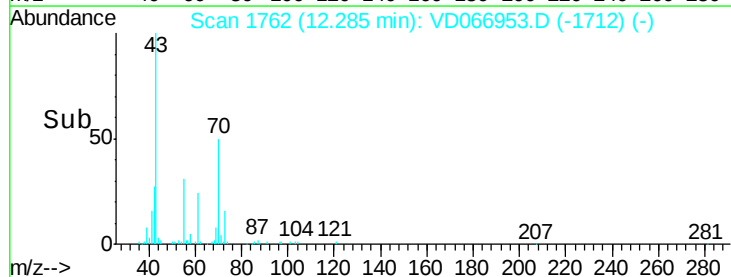
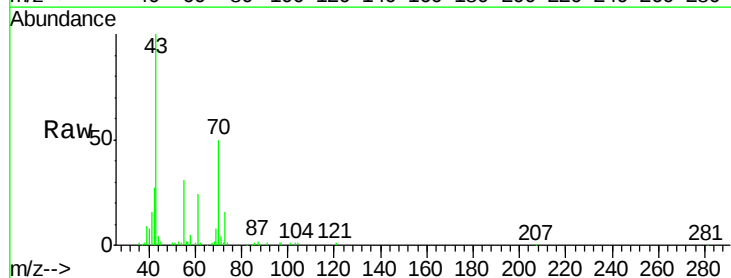
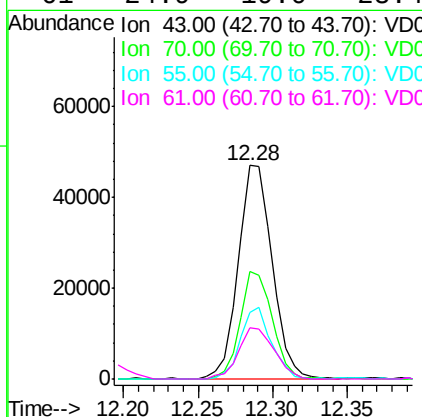
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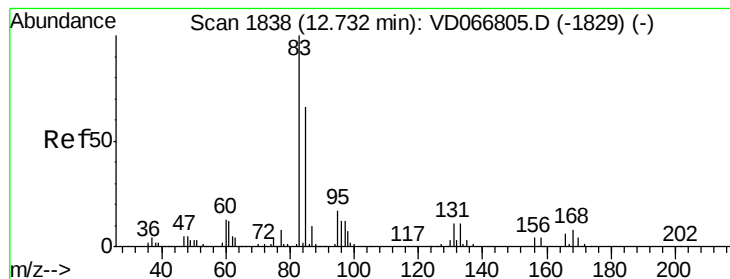
MMDadoda
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#74
N-ethyl acetate
Concen: 18.514 ug/l
RT: 12.28 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VD066953.D
Acq: 29 Sep 2020 23:09

Tgt Ion	Ratio	Lower	Upper
43	100		
70	47.5	36.1	54.1
55	30.1	21.8	32.8
61	24.9	19.0	28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.749 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Instrument :

MSVOA_D

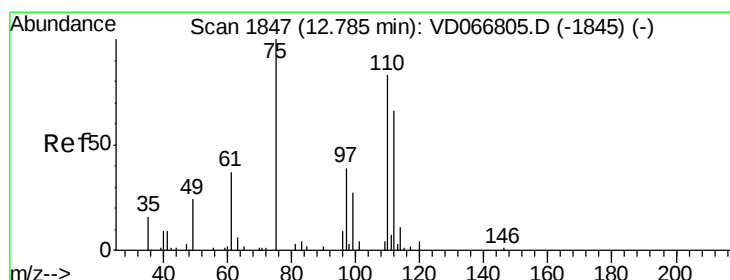
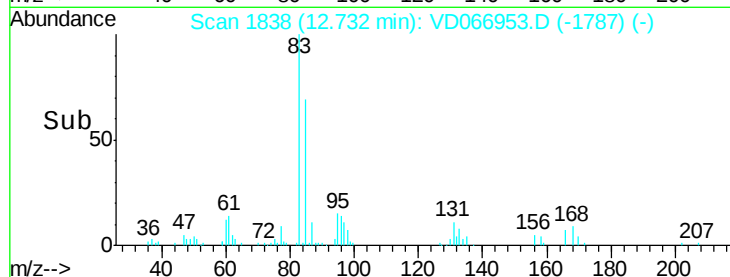
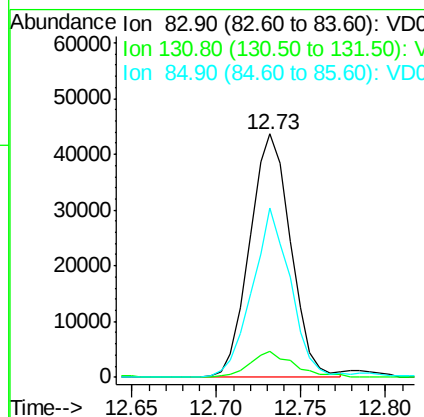
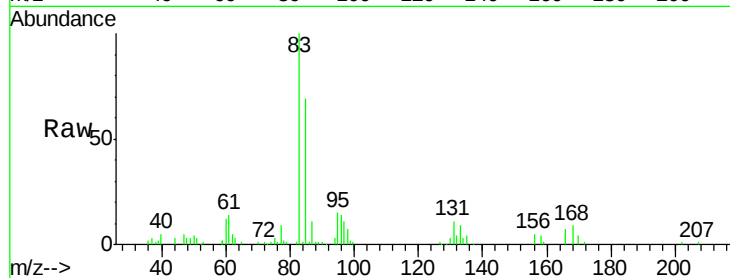
ClientSampleId :

VW0929SBS02

Tot Ion:	83	Resp:	73697
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.5	16.7
85	65.5	32.1	96.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.842 ug/l m

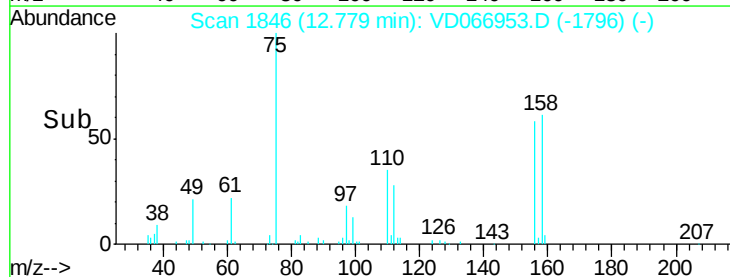
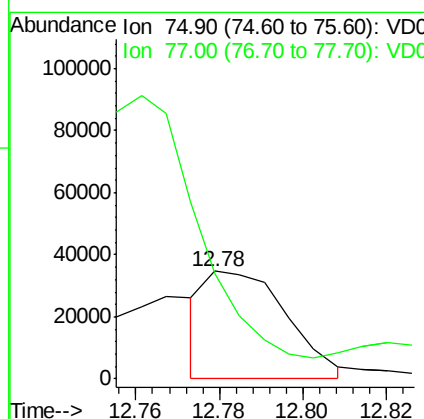
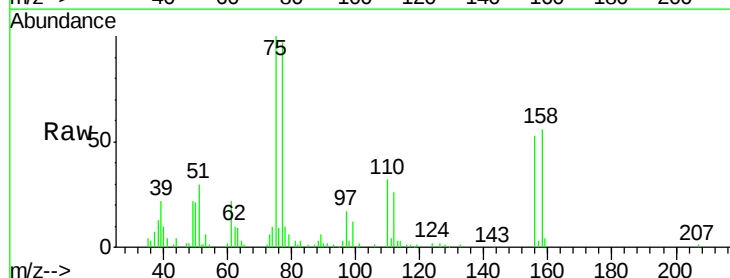
RT: 12.78 min Scan# 1846

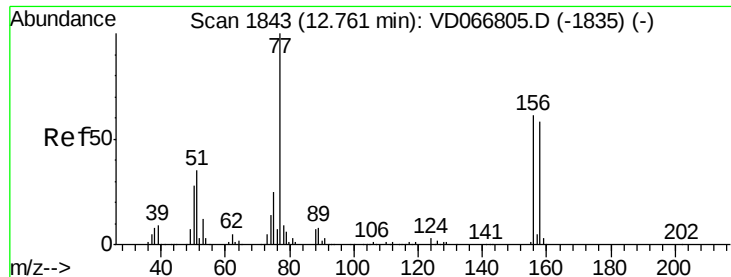
Delta R.T. -0.01 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Tgt Ion:	75	Resp:	46854
Ion Ratio	Lower	Upper	
75	100		
77	384.4	0.0	0.0#





#77

Bromobenzene

Concen: 21.066 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Instrument :

MSVOA_D

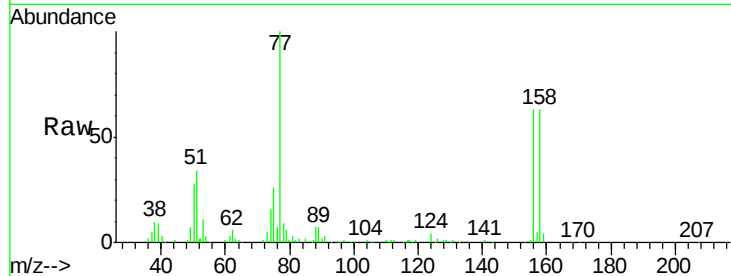
ClientSampleId :

VW0929SBS02

Tot Ion	Ratio	Lower	Upper
156	100		
77	177.6	92.3	276.9
158	98.6	47.6	142.9

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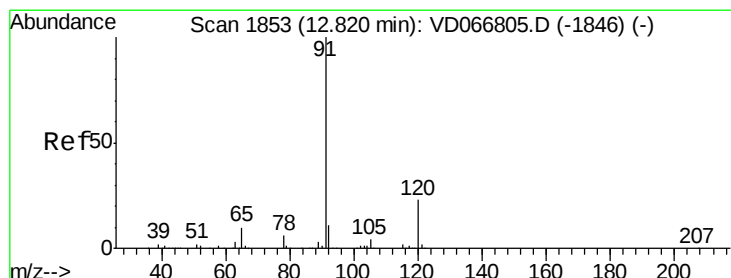
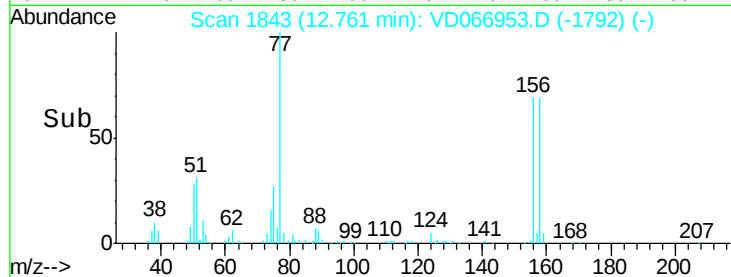
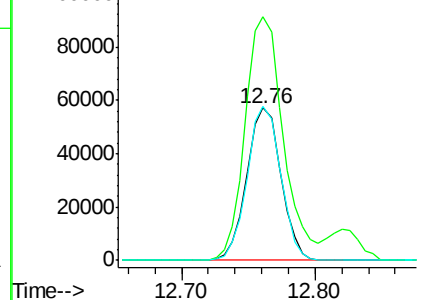
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.079 ug/l

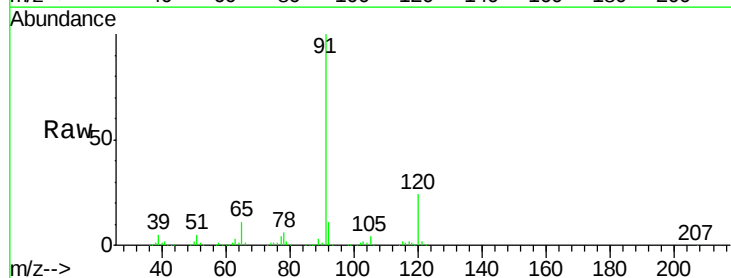
RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066953.D

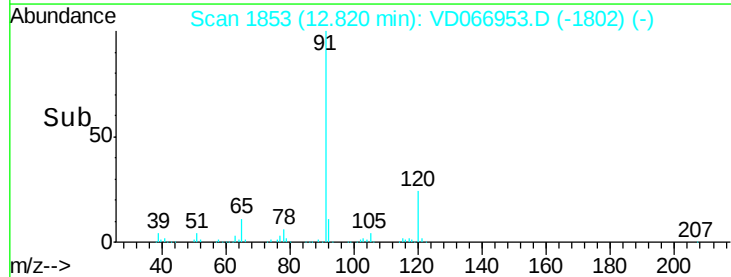
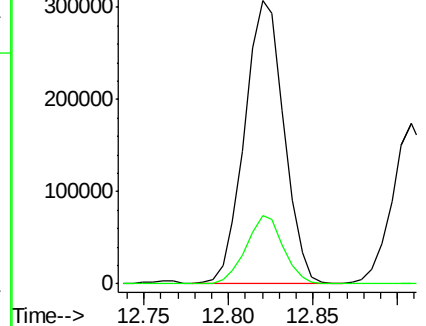
Acq: 29 Sep 2020 23:09

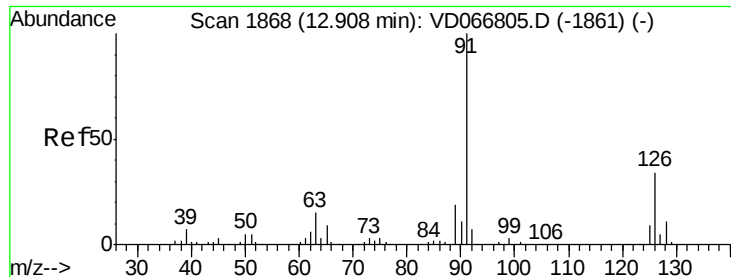
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.4	34.2



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





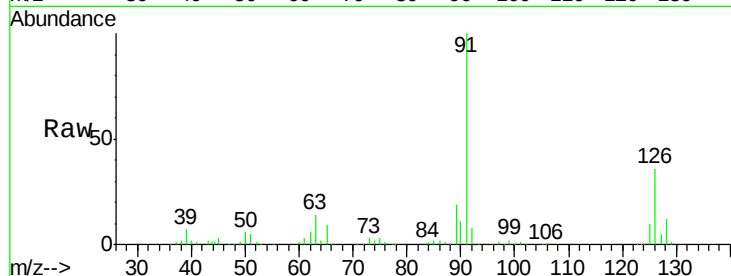
#79
2-Chlorotoluene
Concen: 20.033 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VD066953.D
Acq: 29 Sep 2020 23:09

Instrument :
MSVOA_D
ClientSampleId :
VW0929SBS02

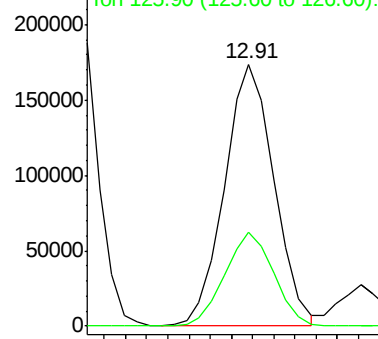
Tot Ion: 91 Resp: 282700
Ion Ratio Lower Upper
91 100
126 35.5 17.0 51.0

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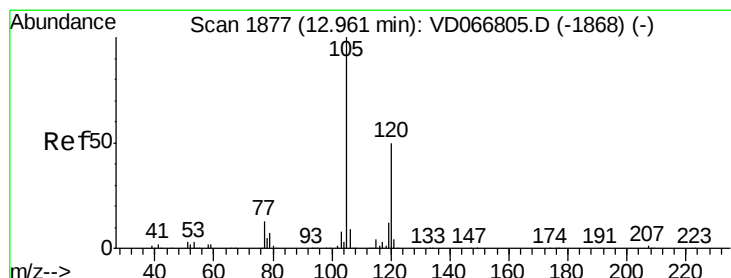
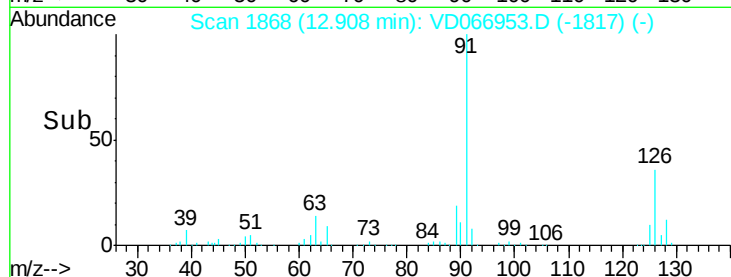
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Abundance Ion 91.00 (90.70 to 91.70): V
Ion 125.90 (125.60 to 126.60): V

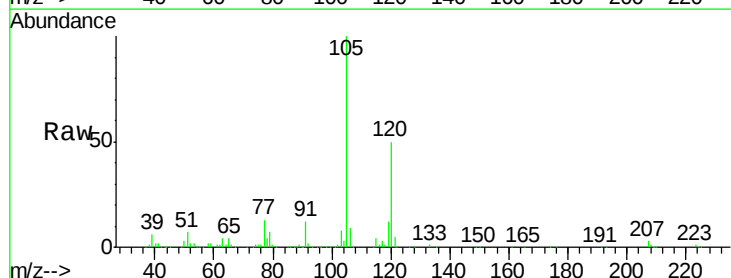


Time-->

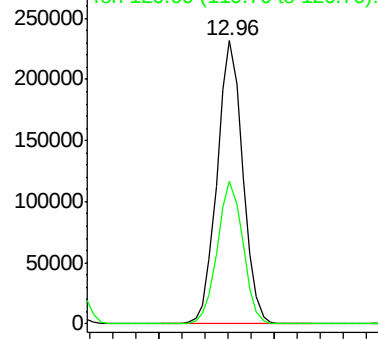


#80
1,3,5-Trimethylbenzene
Concen: 20.504 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VD066953.D
Acq: 29 Sep 2020 23:09

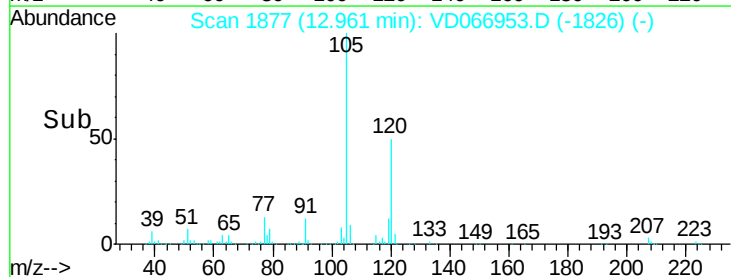
Tgt Ion: 105 Resp: 358119
Ion Ratio Lower Upper
105 100
120 50.3 24.4 73.4

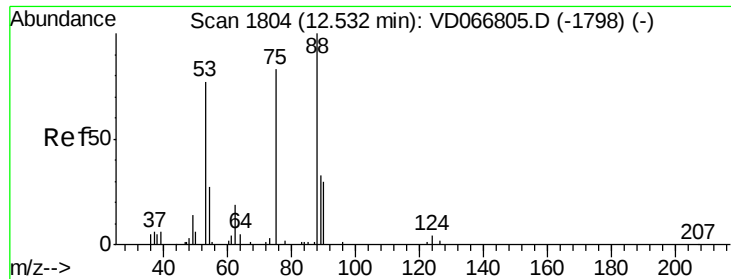


Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 23.356 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Instrument :

MSVOA_D

ClientSampleId :

VW0929SBS02

Tot Ion: 75 Resp: 22044

Ion Ratio Lower Upper

75 100

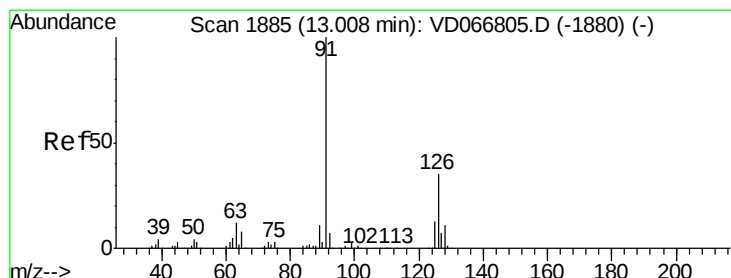
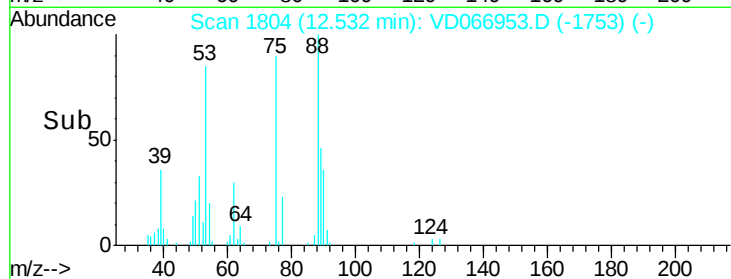
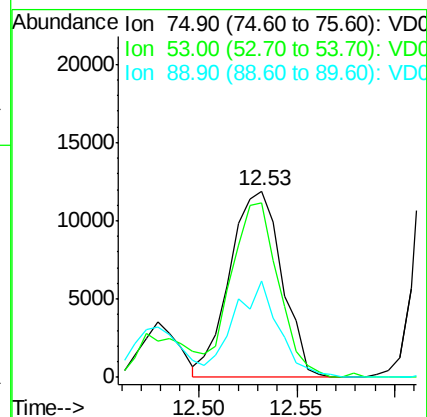
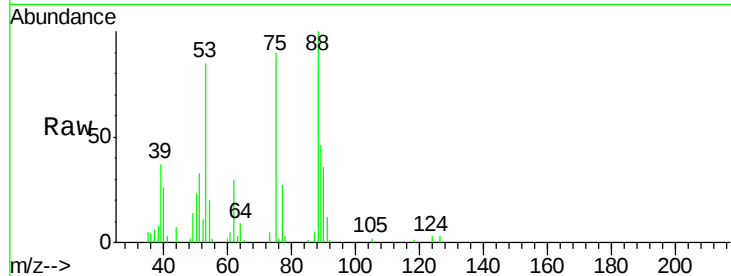
53 84.6 78.5 117.7

89 44.6 38.1 57.1

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#82

4-Chlorotoluene

Concen: 20.671 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD066953.D

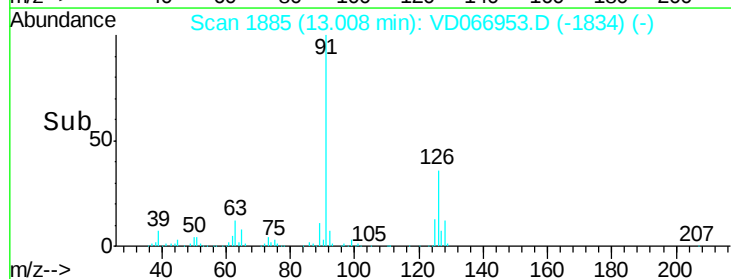
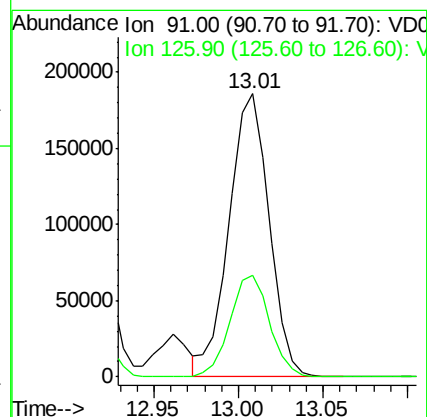
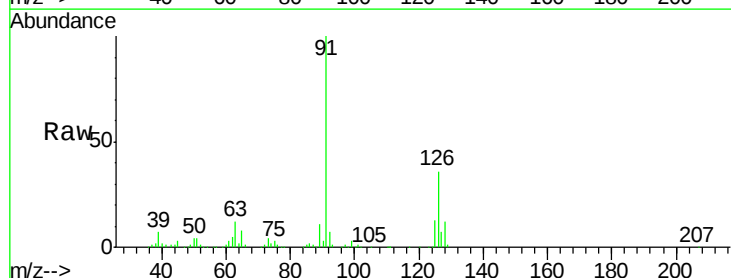
Acq: 29 Sep 2020 23:09

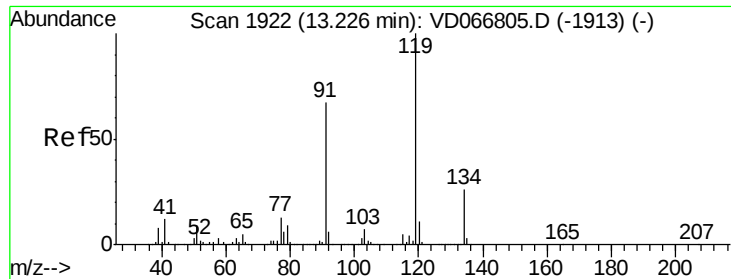
Tgt Ion: 91 Resp: 307483

Ion Ratio Lower Upper

91 100

126 35.5 17.1 51.2





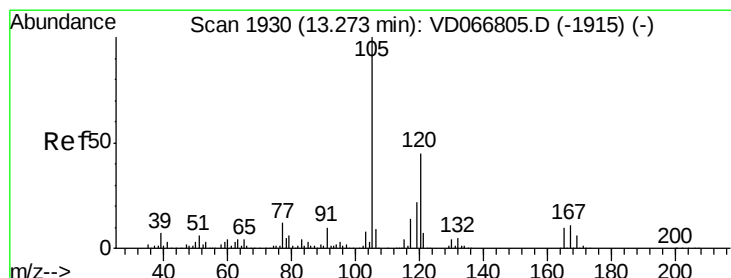
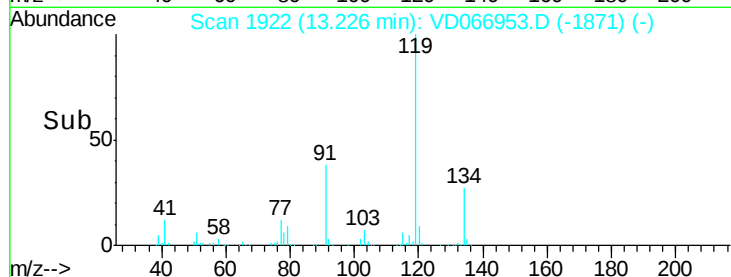
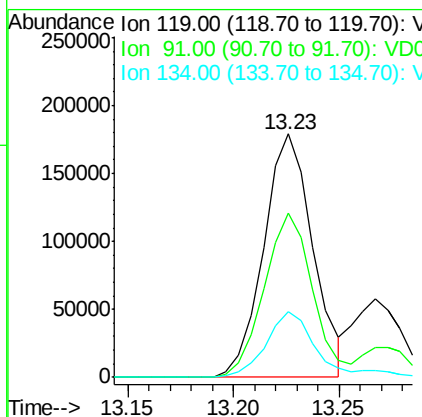
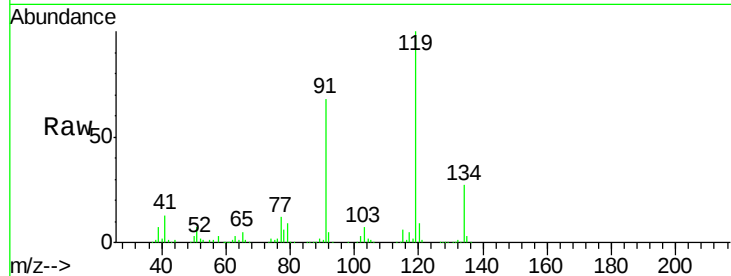
#83
tert-Butylbenzene
Concen: 20.223 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD066953.D
Acq: 29 Sep 2020 23:09

Instrument :
MSVOA_D
ClientSampleId :
VW0929SBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	290240		
91	66.7	33.6	100.8	
134	28.0	13.5	40.4	

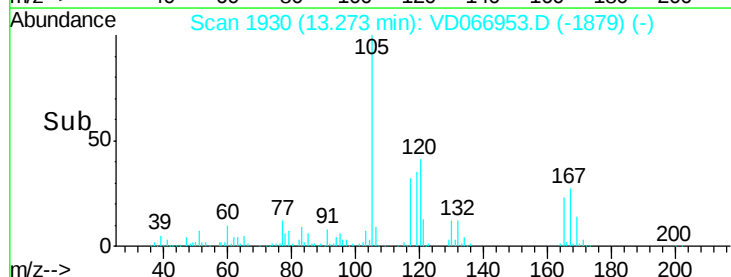
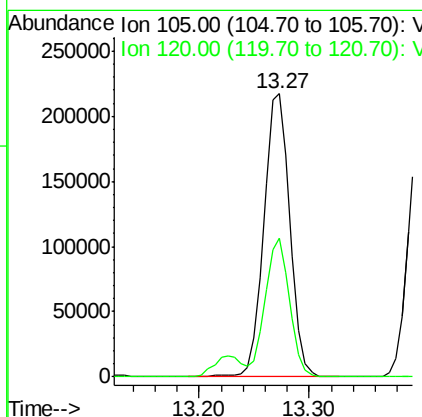
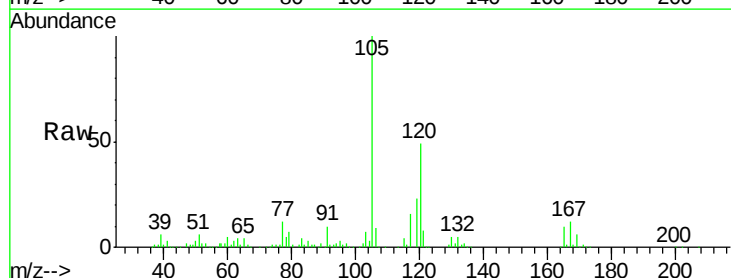
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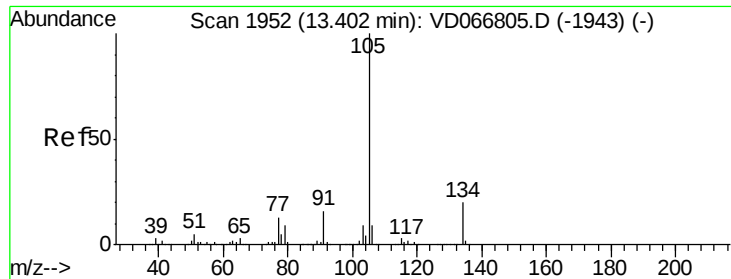
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#84
1,2,4-Trimethylbenzene
Concen: 20.696 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD066953.D
Acq: 29 Sep 2020 23:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	358428		
120	46.0	22.3	66.9	





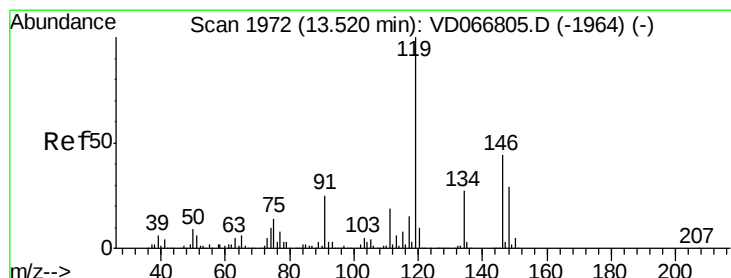
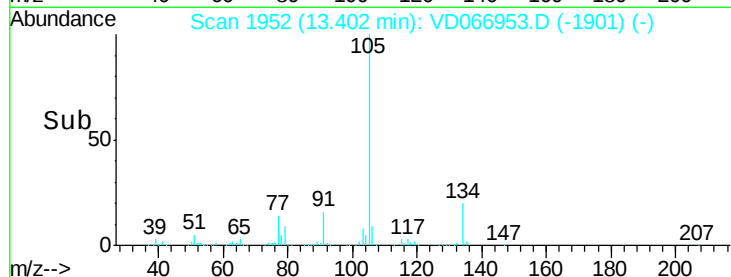
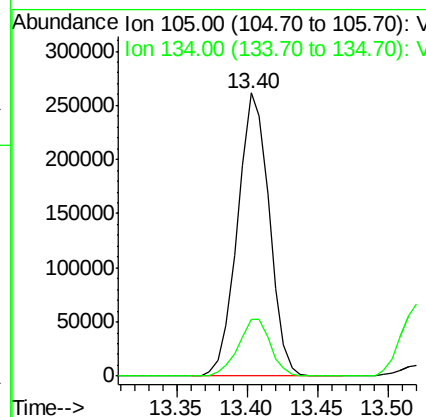
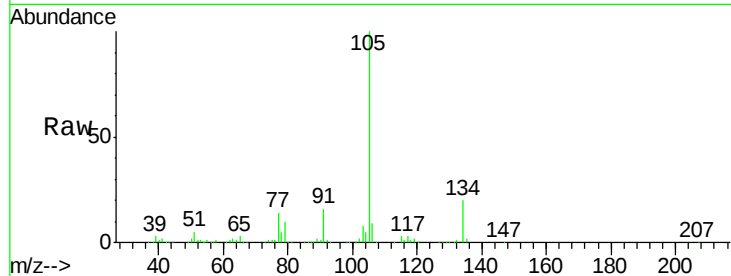
#85
 sec-Butylbenzene
 Concen: 19.835 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. 0.00 min
 Lab File: VD066953.D
 Acq: 29 Sep 2020 23:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VW0929SBS02

Tot Ion	Ratio	Resp	Lower	Upper
105	100	409351		
134	20.6	10.2	30.6	

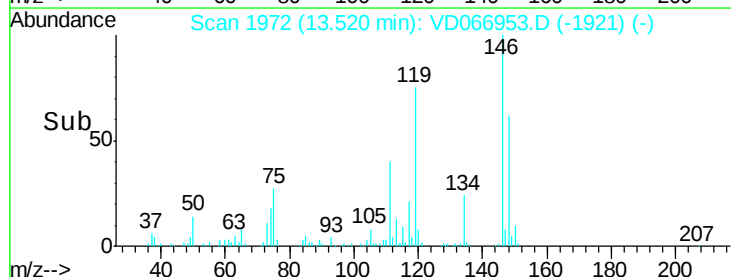
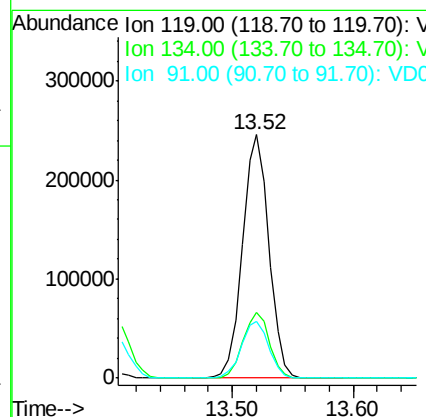
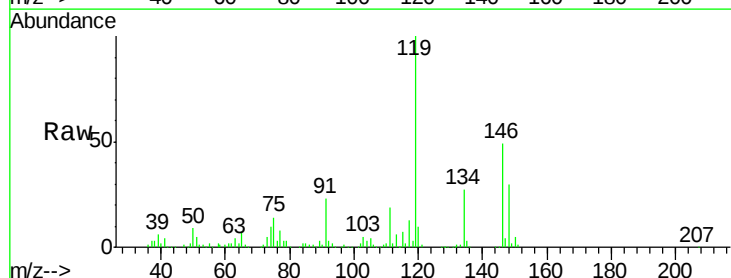
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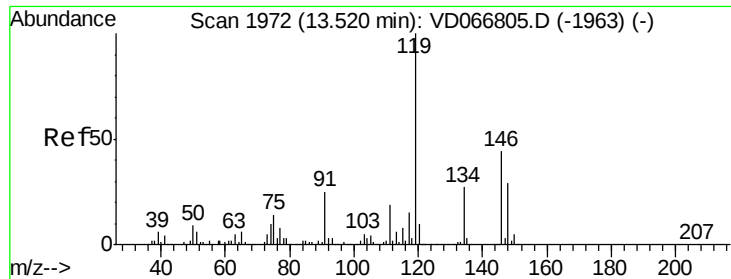
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#86
 p-Isopropyltoluene
 Concen: 20.069 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066953.D
 Acq: 29 Sep 2020 23:09

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	373344		
134	27.1	13.0	38.9	
91	24.1	12.0	36.1	





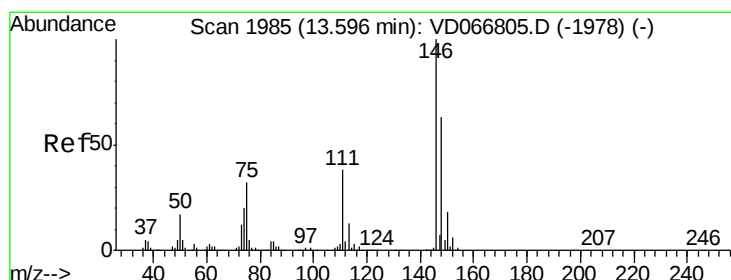
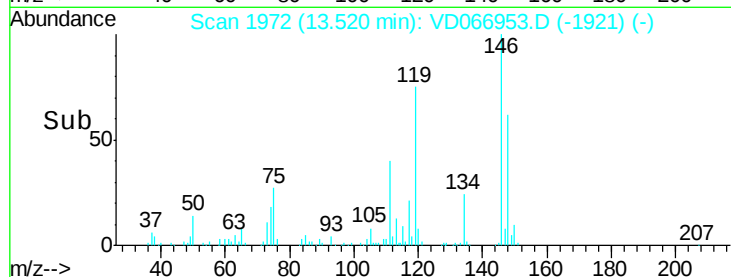
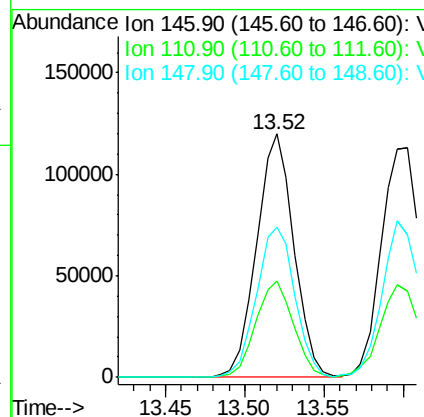
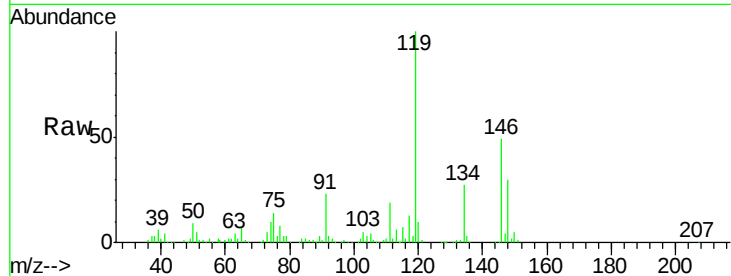
#87
 1,3-Dichlorobenzene
 Concen: 20.570 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066953.D
 Acq: 29 Sep 2020 23:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VW0929SBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	195639		
111	40.1	20.3	60.9	
148	63.8	31.9	95.5	

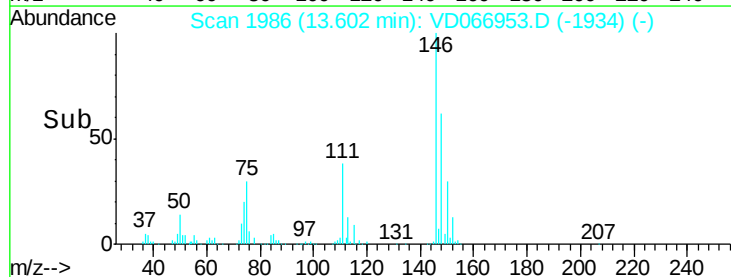
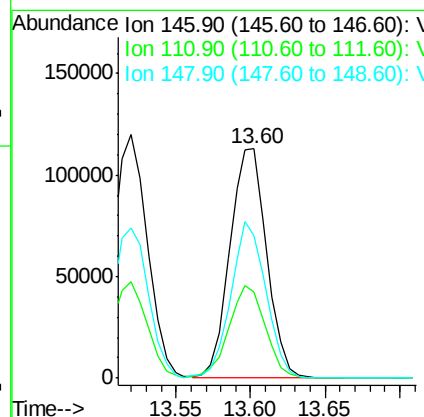
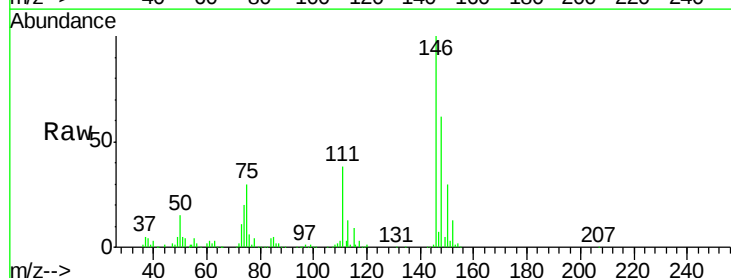
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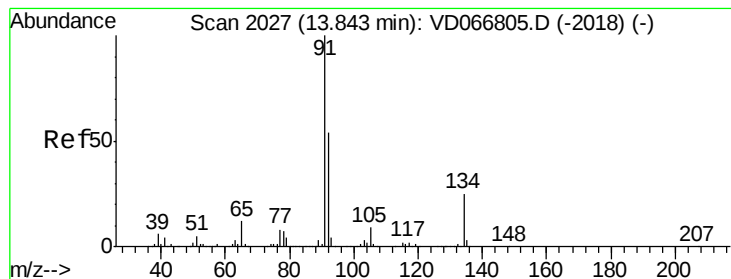
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#88
 1,4-Dichlorobenzene
 Concen: 20.620 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.01 min
 Lab File: VD066953.D
 Acq: 29 Sep 2020 23:09

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	194788		
111	40.0	20.2	60.5	
148	64.8	31.6	94.7	





#89

n-Butylbenzene

Concen: 19.256 ug/l

RT: 13.85 min Scan# 2028

Delta R.T. 0.01 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Instrument :

MSVOA_D

ClientSampleId :

VW0929SBS02

Tot Ion: 91 Resp: 340478

Ion Ratio Lower Upper

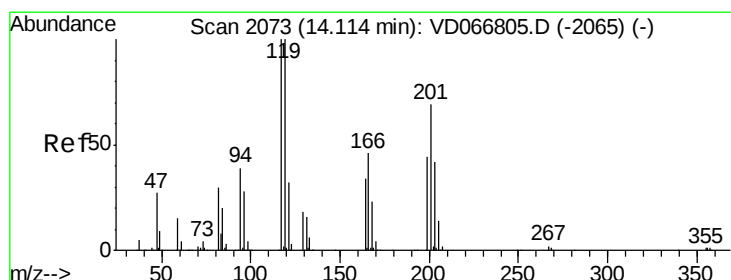
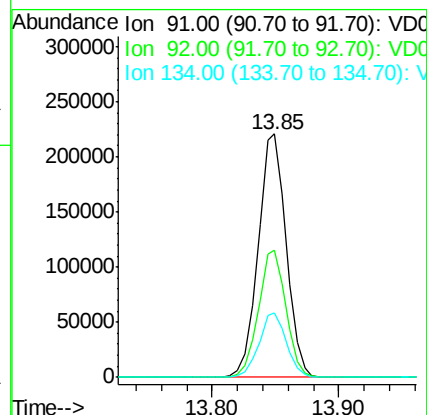
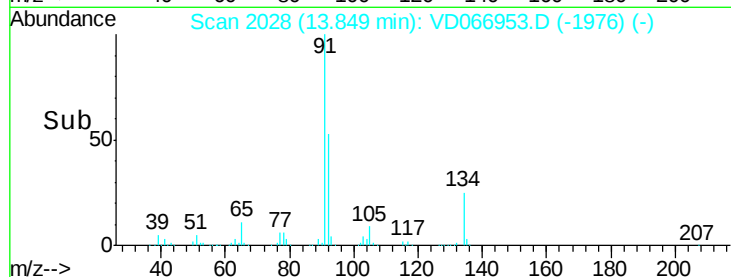
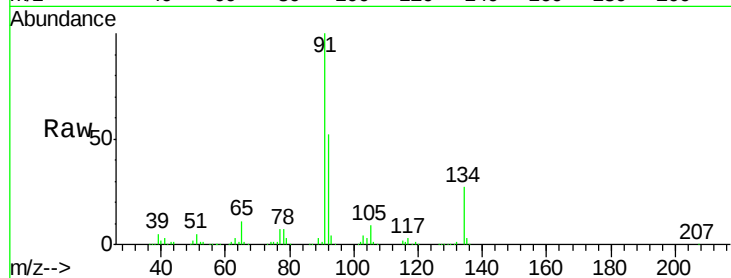
91 100

92 51.3 26.7 80.0

134 26.0 13.1 39.1

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#90

Hexachloroethane

Concen: 19.266 ug/l

RT: 14.11 min Scan# 2073

Delta R.T. 0.00 min

Lab File: VD066953.D

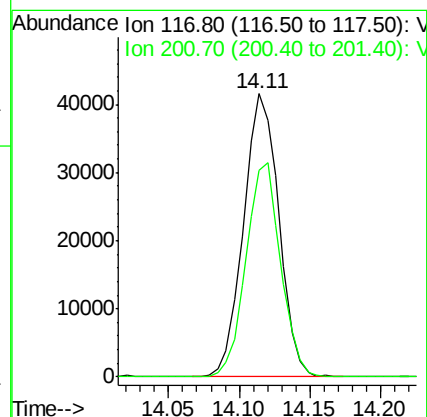
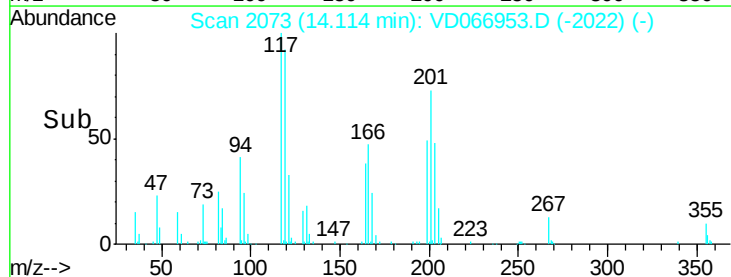
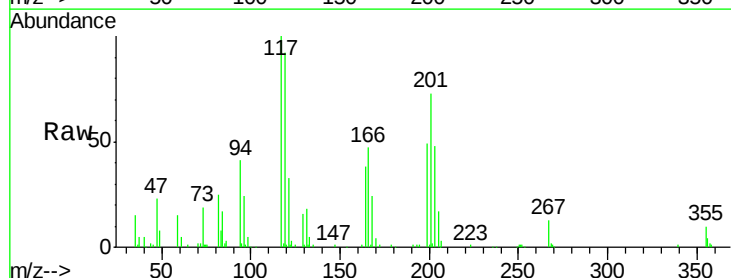
Acq: 29 Sep 2020 23:09

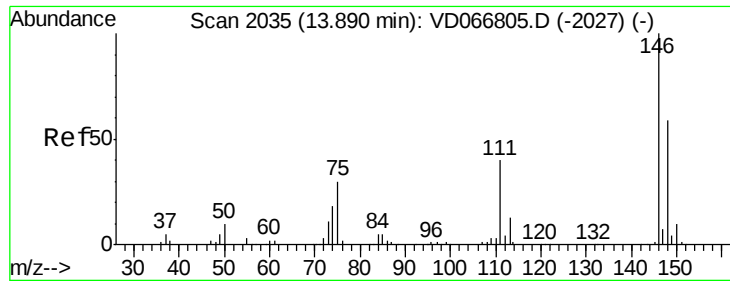
Tgt Ion: 117 Resp: 72763

Ion Ratio Lower Upper

117 100

201 74.2 33.7 101.0





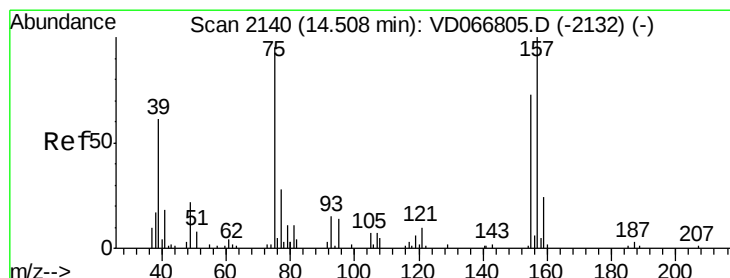
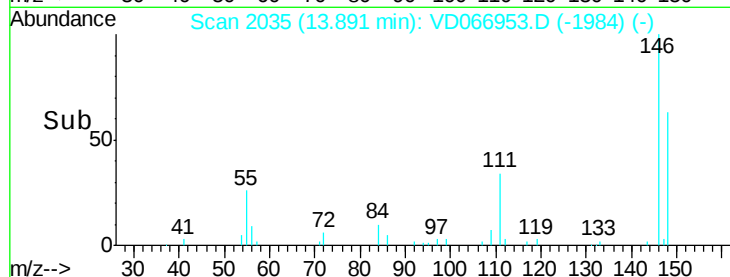
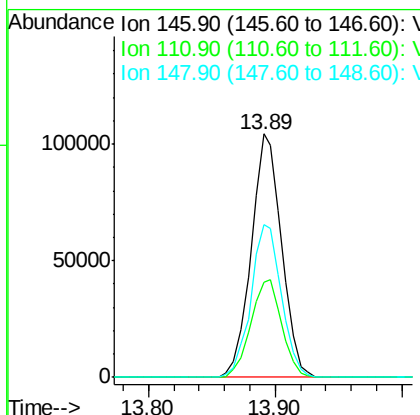
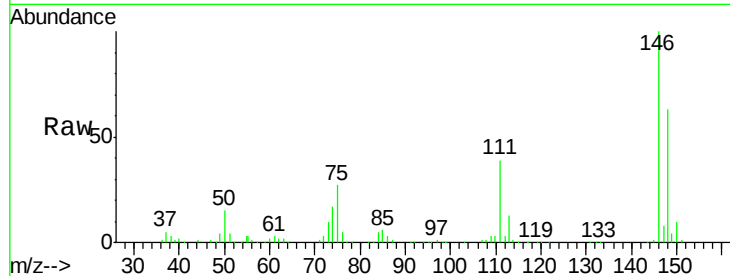
#91
 1,2-Dichlorobenzene
 Concen: 21.366 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066953.D
 Acq: 29 Sep 2020 23:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VW0929SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.9	62.7
148	63.1	31.8	95.3

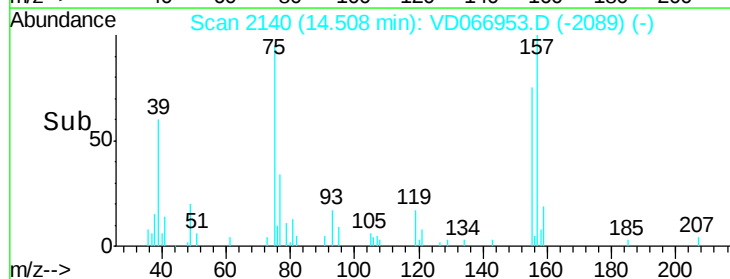
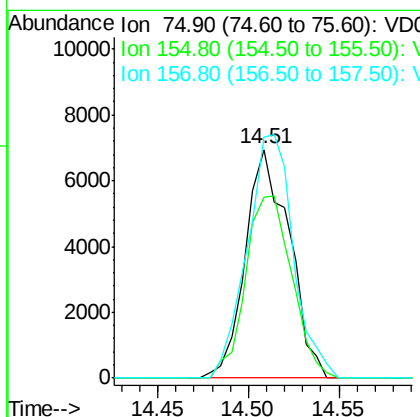
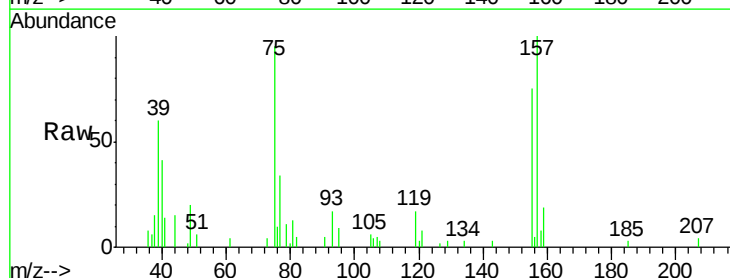
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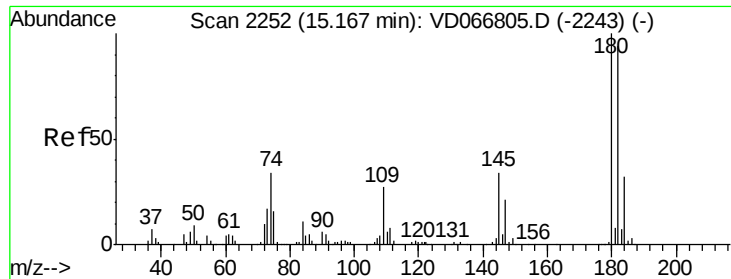
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.502 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VD066953.D
 Acq: 29 Sep 2020 23:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.9	40.4	121.2
157	111.7	51.3	153.9





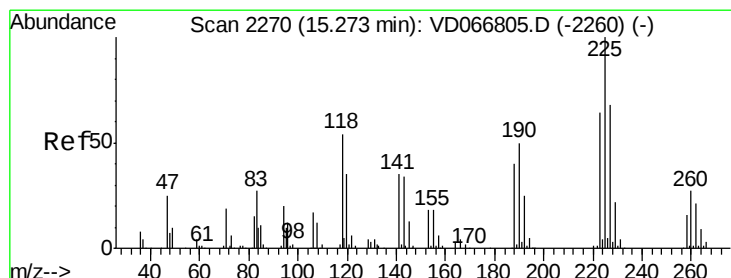
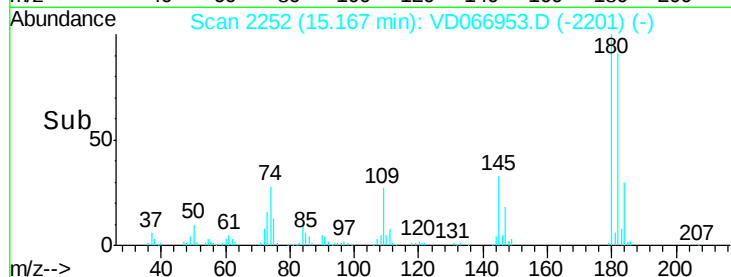
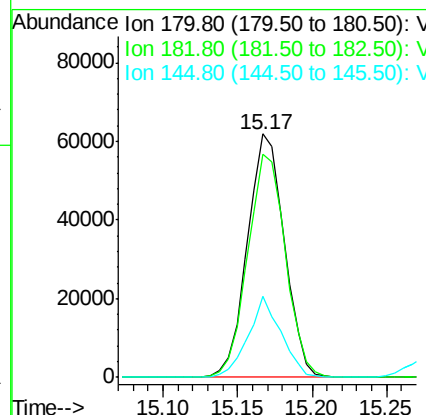
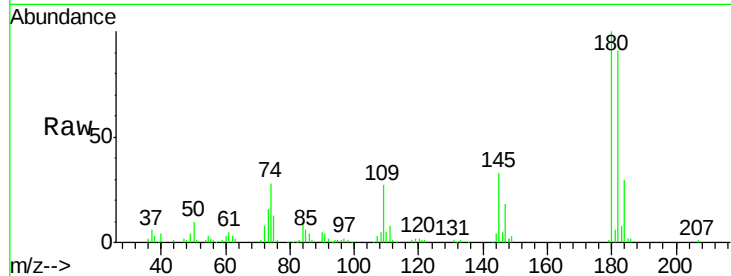
#93
 1,2,4-Trichlorobenzene
 Concen: 20.686 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066953.D
 Acq: 29 Sep 2020 23:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VW0929SBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	105963		
182	93.7	48.8	146.3	
145	29.7	16.7	50.0	

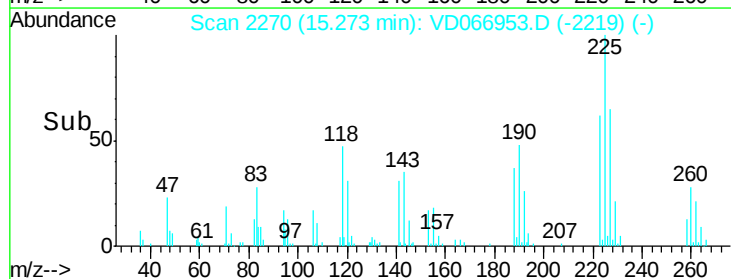
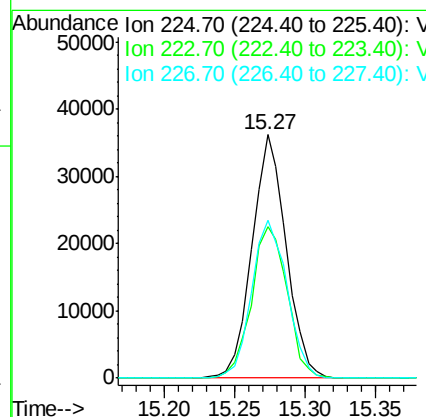
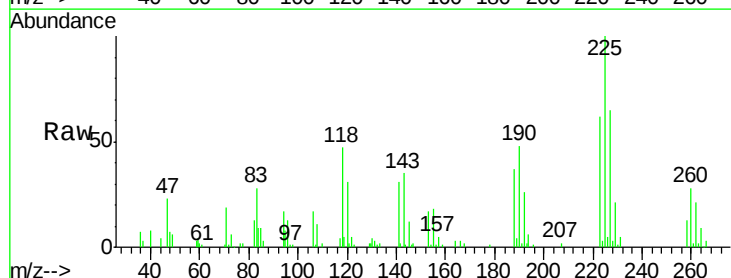
Manual Integrations
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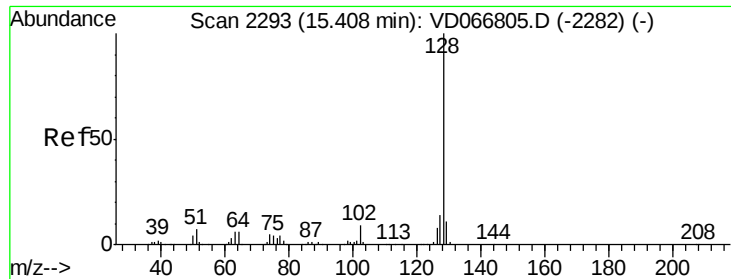
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#94
 Hexachlorobutadiene
 Concen: 19.975 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066953.D
 Acq: 29 Sep 2020 23:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	61314		
223	65.0	31.1	93.3	
227	67.3	31.7	95.1	





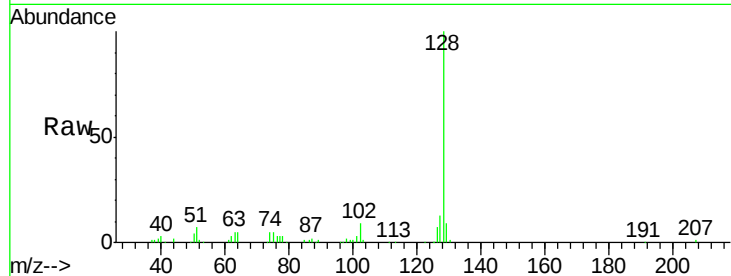
#95
Naphthalene
Concen: 20.637 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066953.D
Acq: 29 Sep 2020 23:09

Instrument :
MSVOA_D
ClientSampleId :
VW0929SBS02

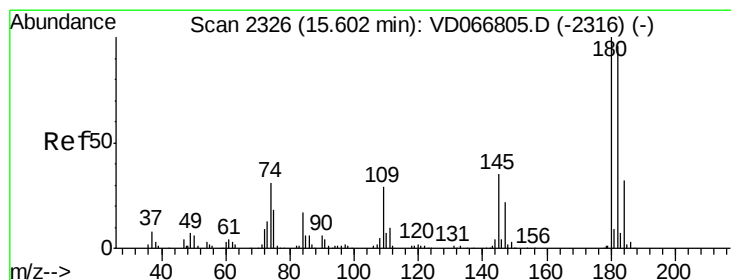
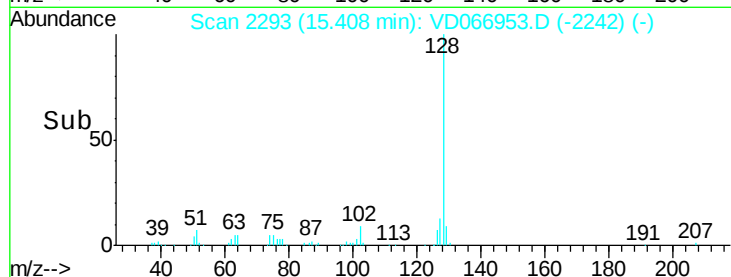
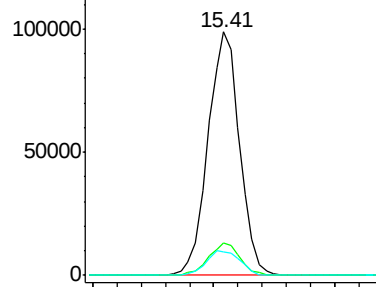
Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	16.0
129	10.8	8.9	13.3

Manual Integrations
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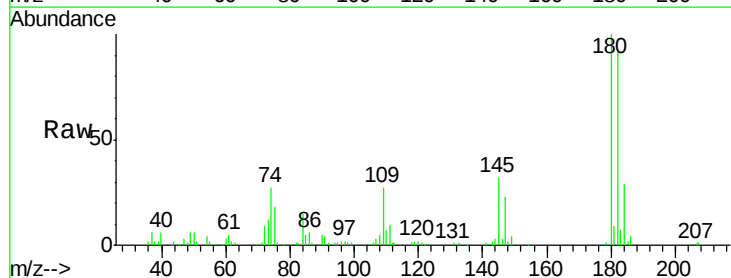


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 21.017 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD066953.D
Acq: 29 Sep 2020 23:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	46.8	140.3
145	32.3	17.0	51.0



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

