

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091020\
 Data File : VV018183.D
 Acq On : 10 Sep 2020 16:42
 Operator : SY/MD
 Sample : MDL01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

MMDadoda
 9/11/2020 10:28:37 AM

Quant Time: Sep 11 03:15:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 11 01:30:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	304995	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	299533	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	156029	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	103648	41.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.40%
7) Chloroethane-d5	1.58	69	90110	44.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.12	63	158849	34.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.68%
21) 2-Butanone-d5	3.91	46	141832	93.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.23%
24) Chloroform-d	4.38	84	191030	44.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.06	65	130063	47.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.10%
32) Benzene-d6	5.08	84	395264	46.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.09	67	127463	46.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.56%
41) Toluene-d8	7.34	98	354997	45.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.86%
43) trans-1,3-Dichloropropene-	7.64	79	62326	45.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.04%
47) 2-Hexanone-d5	8.11	63	92213	89.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.35%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	156562	45.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.56%
64) 1,2-Dichlorobenzene-d4	11.65	152	153019	47.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.50%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	5864	2.637 ug/L	100
3) Chloromethane	1.25	50	6341	2.611 ug/L	94
5) Vinyl chloride	1.32	62	7433	2.985 ug/L #	72
6) Bromomethane	1.53	94	4086	2.684 ug/L	100
8) Chloroethane	1.60	64	4448	2.851 ug/L	94
9) Trichlorofluoromethane	1.77	101	9178	2.679 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	6698	3.254 ug/L	86
12) 1,1-Dichloroethene	2.13	96	6836	3.414 ug/L #	1
13) Acetone	2.20	43	7299	5.991 ug/L	90
14) Carbon disulfide	2.31	76	16579	2.706 ug/L	99
15) Methyl Acetate	2.46	43	5828	2.662 ug/L	92
16) Methylene chloride	2.53	84	6650	2.961 ug/L	93
17) trans-1,2-Dichloroethene	2.78	96	5484	2.657 ug/L	98
18) Methyl tert-butyl Ether	2.79	73	16136	2.528 ug/L	99
19) 1,1-Dichloroethane	3.22	63	10099	2.588 ug/L	97
20) cis-1,2-Dichloroethene	3.95	96	6089	2.760 ug/L	95
22) 2-Butanone	4.02	43	8149m	5.649 ug/L	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	3169	2.745	ug/L	90
25) Chloroform	4.41	83	17145	4.322	ug/L	99
27) 1,2-Dichloroethane	5.17	62	7748	2.523	ug/L	99
29) Cyclohexane	4.71	56	8764	2.534	ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	9011	2.592	ug/L	99
31) Carbon tetrachloride	4.86	117	7784	2.547	ug/L	99
33) Benzene	5.13	78	23153	2.704	ug/L	100
34) Trichloroethene	5.95	95	6524	2.796	ug/L	97
35) Methylcyclohexane	6.15	83	8897	2.533	ug/L	100
37) 1,2-Dichloropropane	6.20	63	5621	2.477	ug/L #	97
38) Bromodichloromethane	6.54	83	7347	2.488	ug/L	99
39) cis-1,3-Dichloropropene	7.06	75	8279	2.368	ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	12935	4.698	ug/L	97
42) Toluene	7.41	91	24181	2.668	ug/L	98
44) trans-1,3-Dichloropropene	7.68	75	8835	2.595	ug/L	94
45) 1,1,2-Trichloroethane	7.87	97	5659	2.690	ug/L	95
46) Tetrachloroethene	8.00	164	4896	2.677	ug/L	98
48) 2-Hexanone	8.16	43	18156	8.365	ug/L	96
49) Dibromochloromethane	8.27	129	5605	2.374	ug/L	94
50) 1,2-Dibromoethane	8.38	107	5868	2.651	ug/L #	98
51) Chlorobenzene	8.90	112	16271	2.764	ug/L	96
52) Ethylbenzene	9.04	91	24917	2.518	ug/L	99
53) m,p-Xylene	9.16	106	8773	2.375	ug/L	94
54) o-xylene	9.57	106	8756	2.461	ug/L	96
55) Styrene	9.59	104	13557	2.192	ug/L	98
56) Isopropylbenzene	9.95	105	22023	2.297	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	8452	2.716	ug/L #	96
59) 1,2,3-Trichloropropane	10.30	75	7255	2.718	ug/L	99
61) Bromoform	9.76	173	3928	2.343	ug/L #	98
62) 1,3-Dichlorobenzene	11.21	146	12334	2.658	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	13107	2.748	ug/L	97
65) 1,2-Dichlorobenzene	11.67	146	13239	2.823	ug/L	93
66) 1,2-Dibromo-3-chloropropan	12.45	75	1535	2.320	ug/L	90
67) 1,3,5-Trichlorobenzene	12.67	180	9710	2.655	ug/L	97
68) 1,2,4-trichlorobenzene	13.29	180	7915	2.430	ug/L	100
69) Naphthalene	13.53	128	16048	1.947	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	7550	2.353	ug/L	99

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

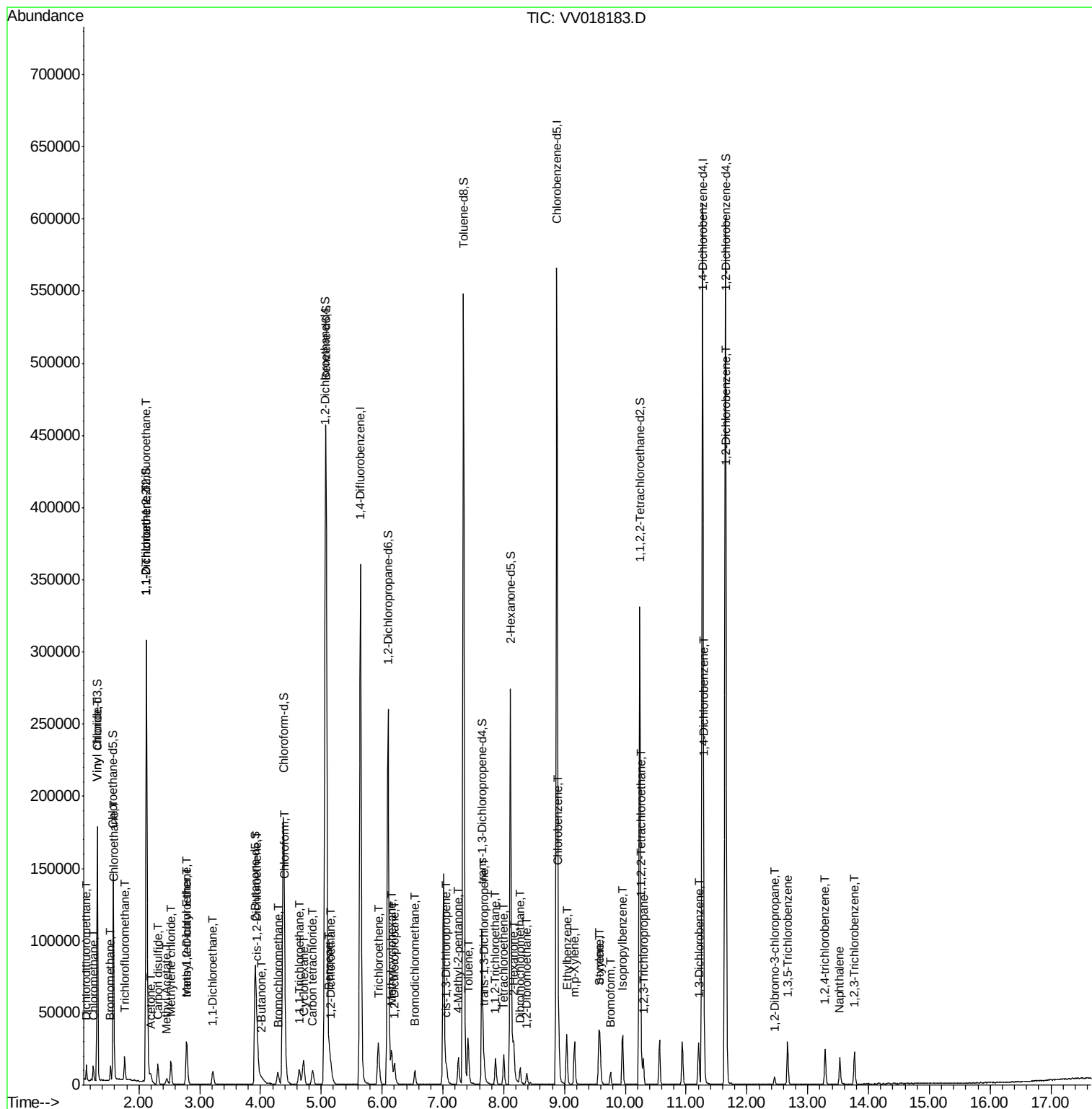
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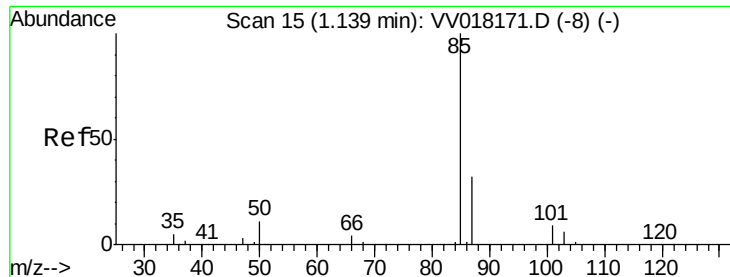
Instrument :
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#2

Dichlorodifluoromethane

Concen: 2.637 ug/L

RT: 1.14 min Scan# 14

Delta R.T. -0.00 min

Lab File: VV018183.D

Acq: 10 Sep 2020 16:42

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tot Ion: 85 Resp: 5864

Ion Ratio Lower Upper

85 100

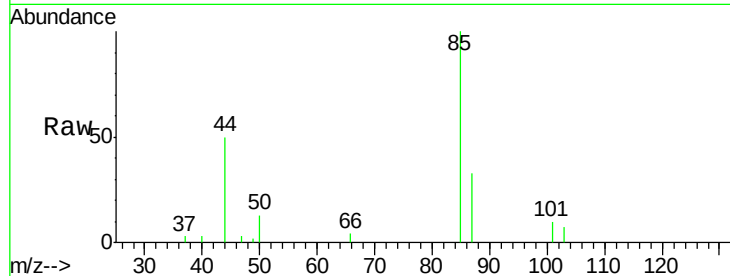
87 31.9 25.7 38.5

Manual Integrations

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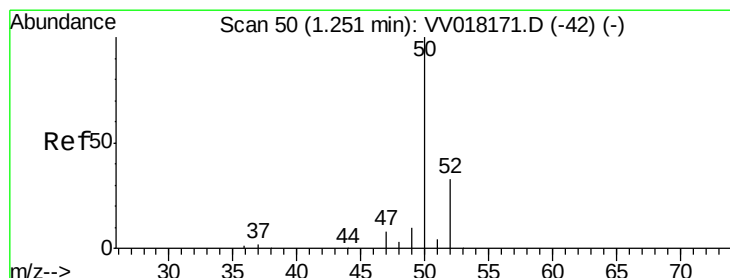
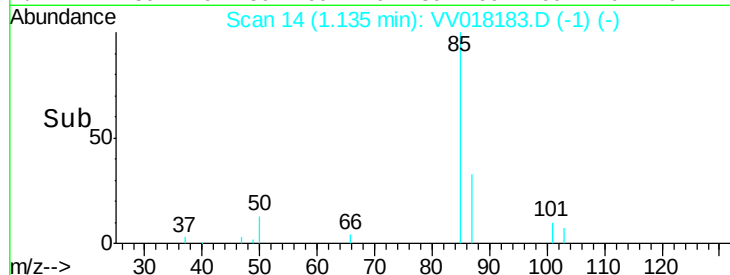
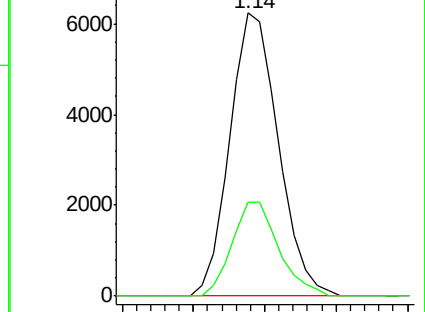
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Abundance Ion 85.00 (84.70 to 85.70): VV018171.D (-8) (-)

Ion 87.00 (86.70 to 87.70): VV018171.D (-8) (-)



#3

Chloromethane

Concen: 2.611 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV018183.D

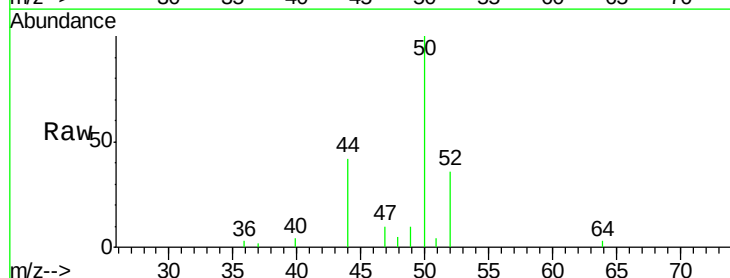
Acq: 10 Sep 2020 16:42

Tgt Ion: 50 Resp: 6341

Ion Ratio Lower Upper

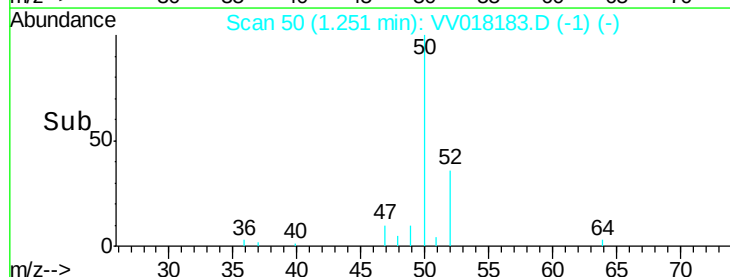
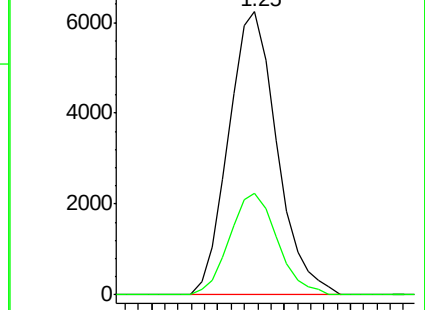
50 100

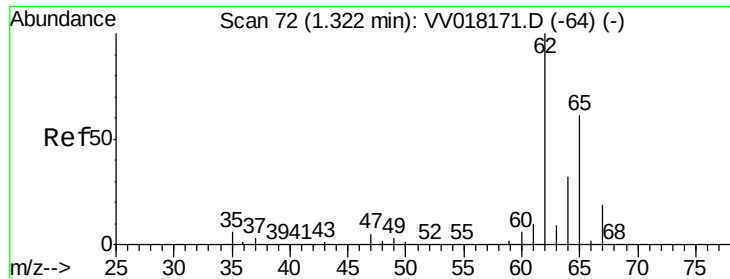
52 35.8 22.7 42.3



Abundance Ion 50.00 (49.70 to 50.70): VV018171.D (-42) (-)

Ion 52.00 (51.70 to 52.70): VV018171.D (-42) (-)





#5

Vinyl chloride

Concen: 2.985 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV018183.D

Acq: 10 Sep 2020 16:42

Instrument :

MSVOA_V

ClientSampled :

MDL01

Tot Ion: 62 Resp: 7433

Ion Ratio Lower Upper

62 100

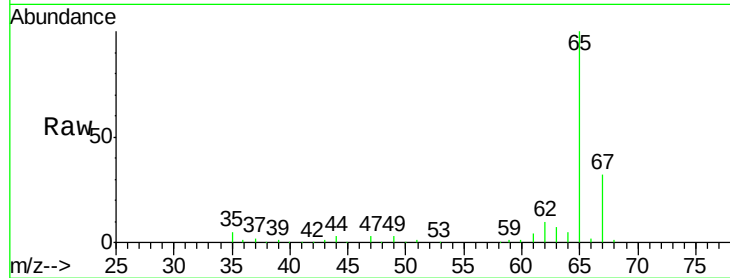
64 49.0 23.1 42.9#

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Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0

8000

6000

4000

2000

0

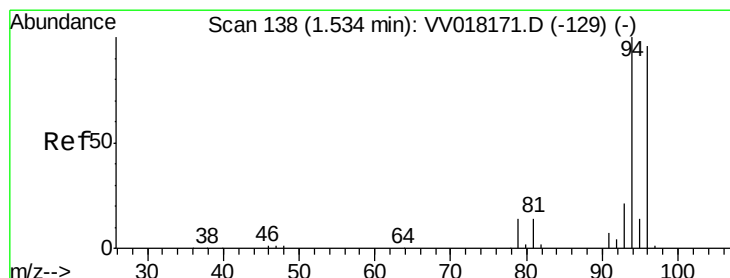
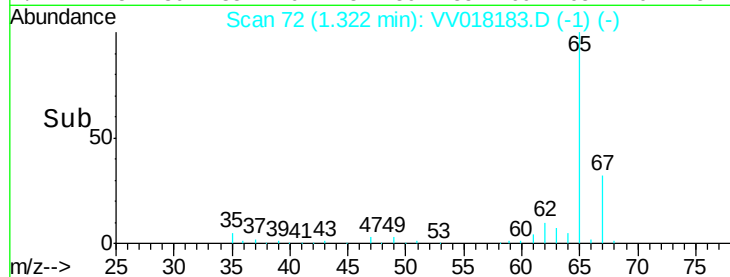
1.32

1.30

1.28

1.36

Time-->



#6

Bromomethane

Concen: 2.684 ug/L

RT: 1.53 min Scan# 138

Delta R.T. 0.00 min

Lab File: VV018183.D

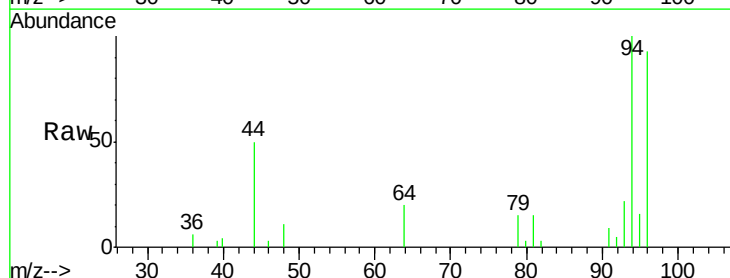
Acq: 10 Sep 2020 16:42

Tgt Ion: 94 Resp: 4086

Ion Ratio Lower Upper

94 100

96 93.4 65.1 120.9



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0

4000

3000

2000

1000

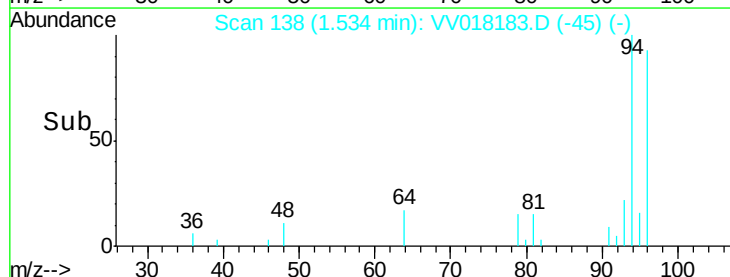
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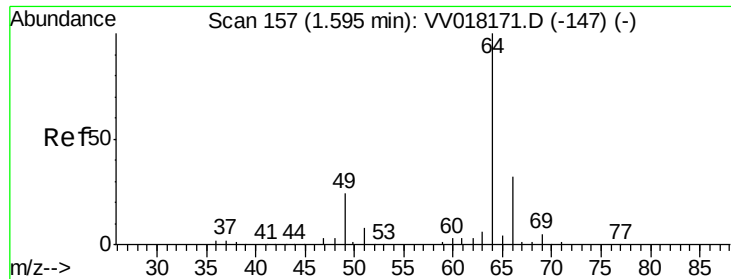
1.53

1.50

1.58

Time-->





#8

Chloroethane

Concen: 2.851 ug/L

RT: 1.60 min Scan# 157

Delta R.T. 0.00 min

Lab File: VV018183.D

Acq: 10 Sep 2020 16:42

Instrument :

MSVOA_V

ClientSampled :

MDL01

Tot Ion: 64 Resp: 4448

Ion Ratio Lower Upper

64 100

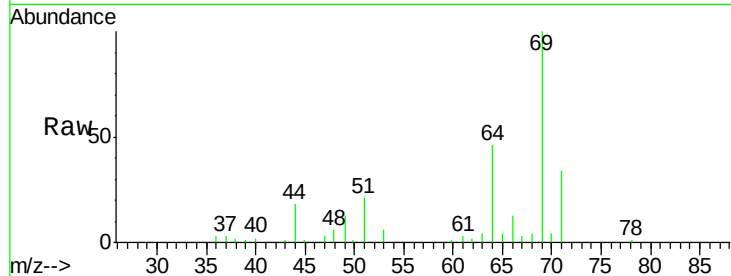
66 28.9 22.5 41.7

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Abundance Ion 64.00 (63.70 to 64.70): VV018183.D (-147) (-)

Ion 66.00 (65.70 to 66.70): VV018183.D (-147) (-)

1.60

4000

3000

2000

1000

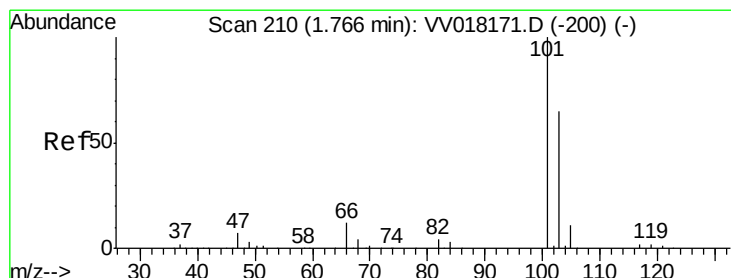
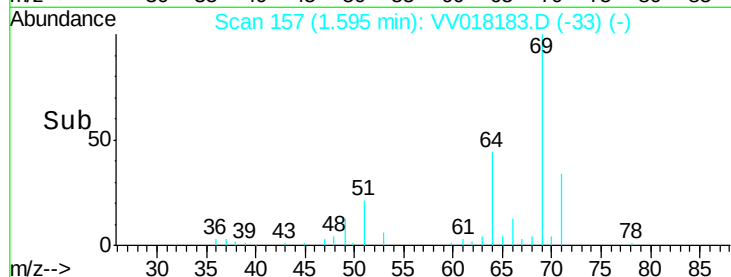
0

1.55

1.60

1.65

Time-->



#9

Trichlorofluoromethane

Concen: 2.679 ug/L

RT: 1.77 min Scan# 210

Delta R.T. 0.00 min

Lab File: VV018183.D

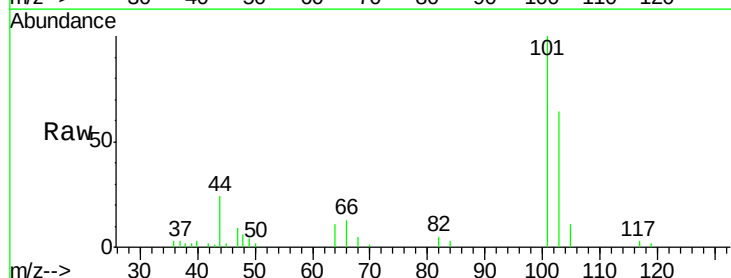
Acq: 10 Sep 2020 16:42

Tgt Ion: 101 Resp: 9178

Ion Ratio Lower Upper

101 100

103 65.3 51.8 77.6



Abundance Ion 101.00 (100.70 to 101.70): VV018183.D (-200) (-)

Ion 103.00 (102.70 to 103.70): VV018183.D (-200) (-)

1.77

8000

6000

4000

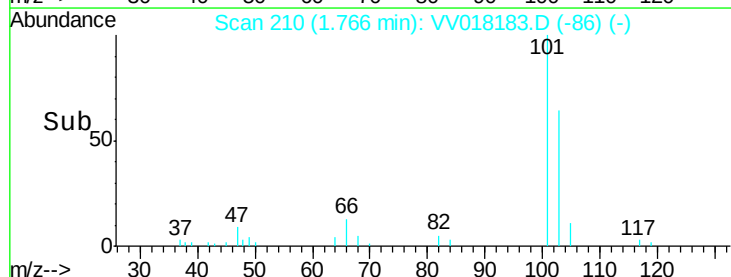
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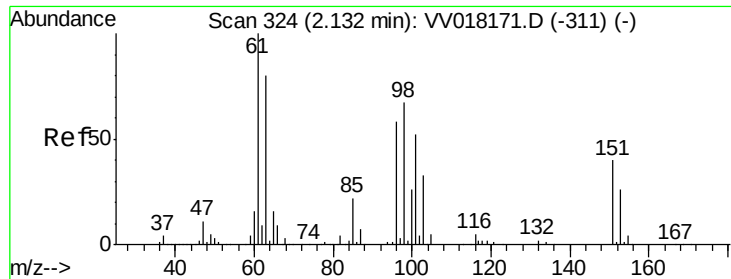
0

1.75

1.80

Time-->





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 3.254 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV018183.D

Acq: 10 Sep 2020 16:42

Instrument :

MSVOA_V

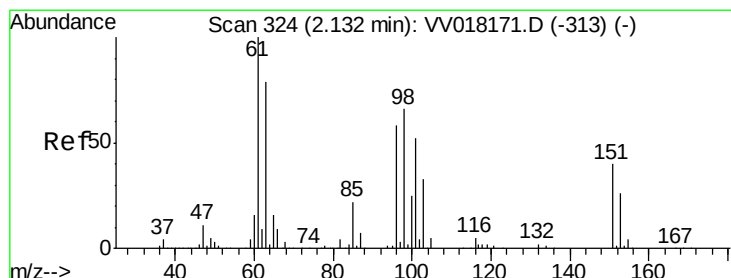
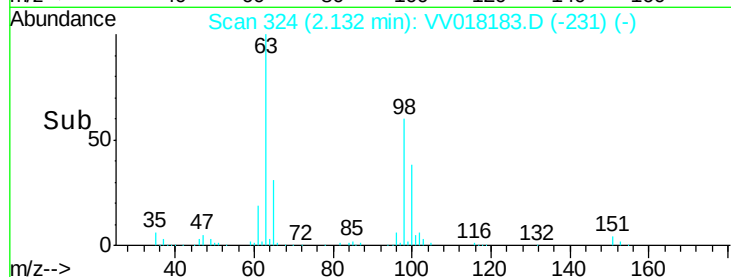
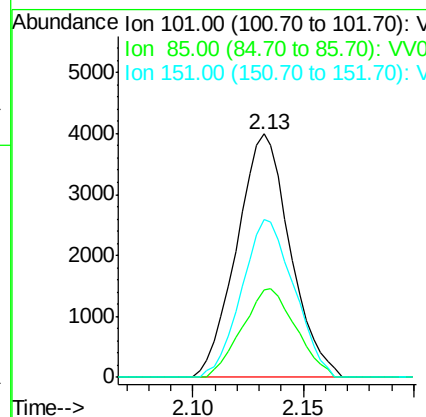
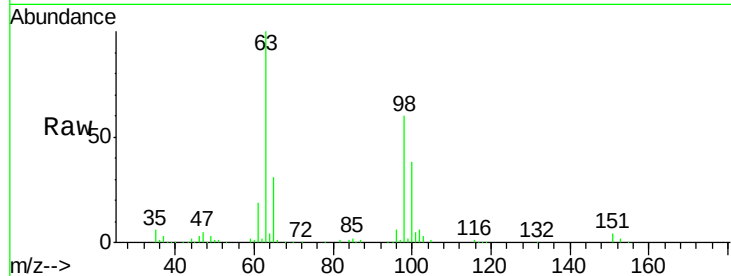
ClientSampled :

MDL01

Tot Ion:	101	Resp:	6698
Ion Ratio	Lower	Upper	
101	100		
85	36.6	33.5	50.3
151	63.5	62.2	93.2

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#12

1,1-Dichloroethene

Concen: 3.414 ug/L

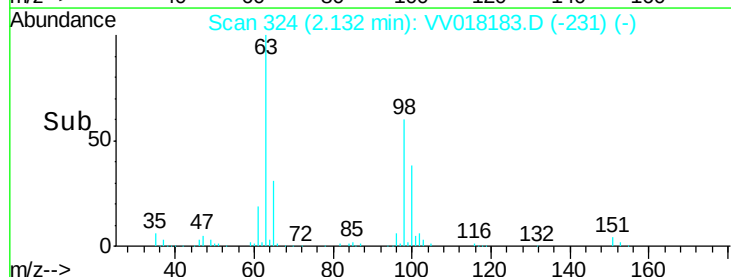
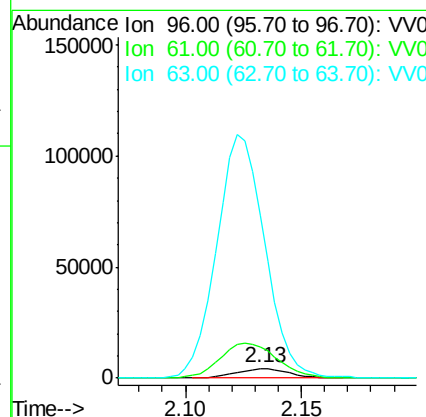
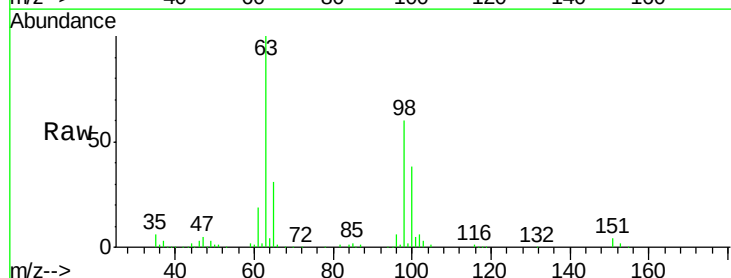
RT: 2.13 min Scan# 324

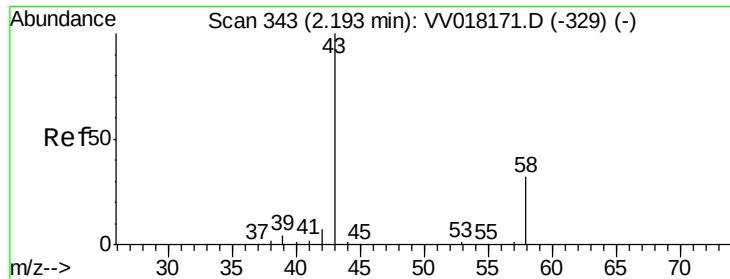
Delta R.T. 0.00 min

Lab File: VV018183.D

Acq: 10 Sep 2020 16:42

Tgt Ion:	96	Resp:	6836
Ion Ratio	Lower	Upper	
96	100		
61	322.2	122.9	228.3#
63	1675.1	91.9	170.7#





#13

Acetone

Concen: 5.991 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.00 min

Lab File: VV018183.D

Acq: 10 Sep 2020 16:42

Instrument :

MSVOA_V

ClientSampled :

MDL01

Tot Ion: 43 Resp: 7299

Ion Ratio Lower Upper

43 100

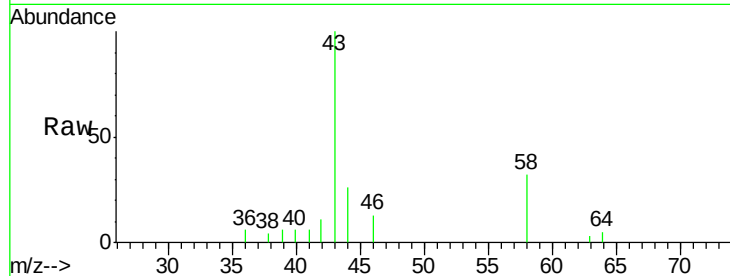
58 28.3 0.0 67.4

Manual Integrations

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9/11/2020 10:28:37 AM



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.20

4000

3000

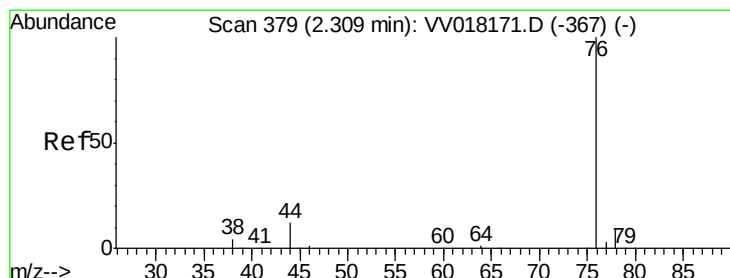
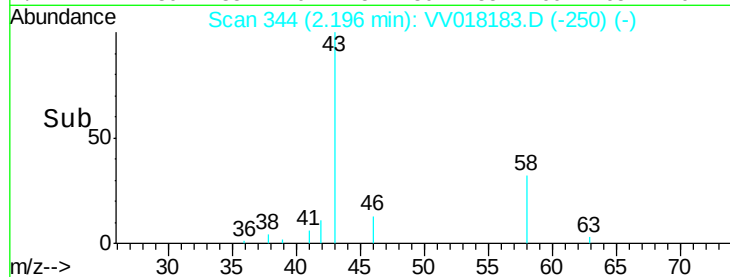
2000

1000

0

Time-->

2.15 2.20 2.25



#14

Carbon disulfide

Concen: 2.706 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV018183.D

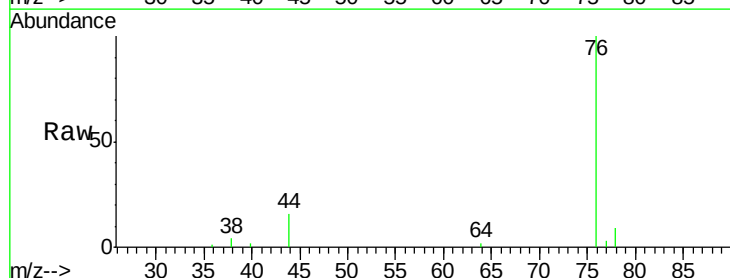
Acq: 10 Sep 2020 16:42

Tgt Ion: 76 Resp: 16579

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VV0

Ion 78.00 (77.70 to 78.70): VV0

2.31

12000

10000

8000

6000

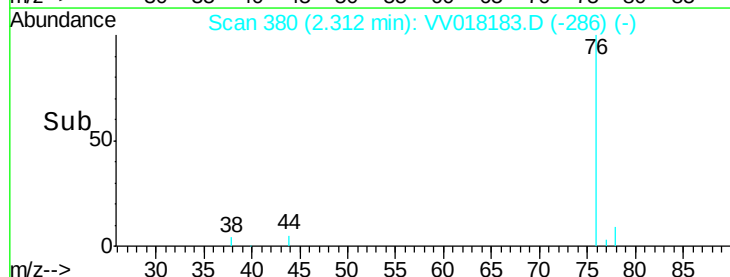
4000

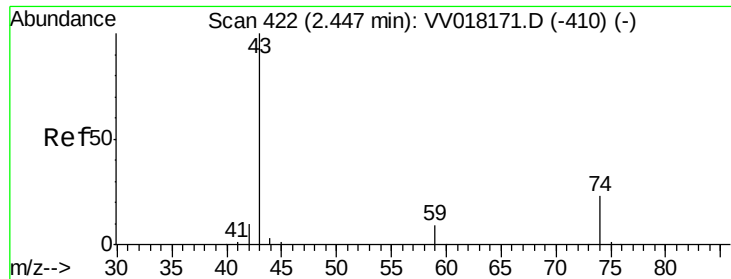
2000

0

Time-->

2.25 2.30 2.35





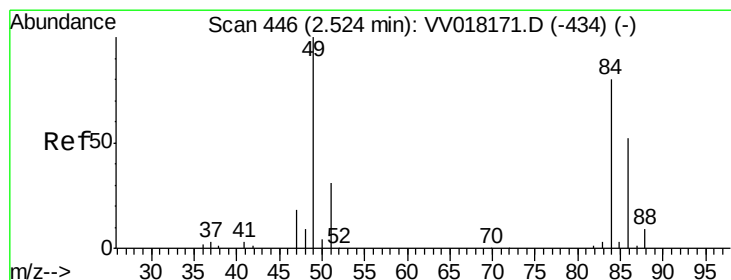
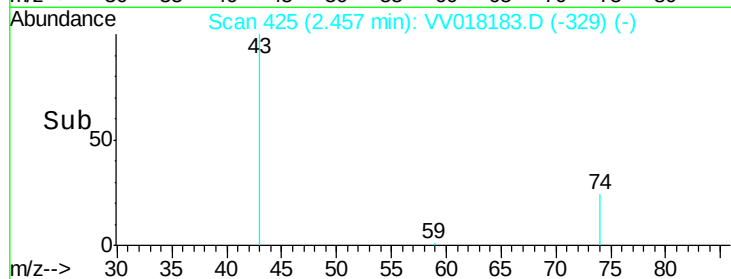
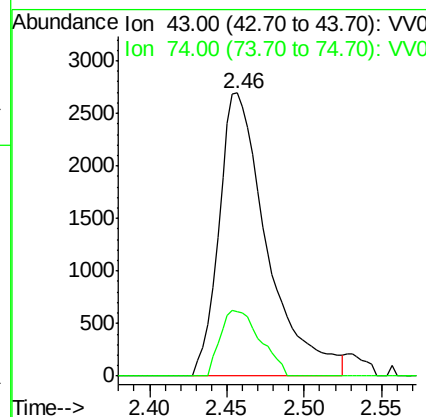
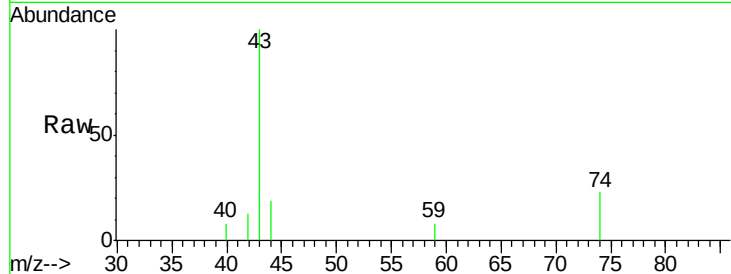
#15
Methvl Acetate
Concen: 2.662 ug/L
RT: 2.46 min Scan# 425
Delta R.T. 0.01 min
Lab File: VV018183.D
Acq: 10 Sep 2020 16:42

Instrument :
MSVOA_V
ClientSampled :
MDL01

Tot Ion: 43 Resp: 5828
Ion Ratio Lower Upper
43 100
74 19.4 18.4 27.6

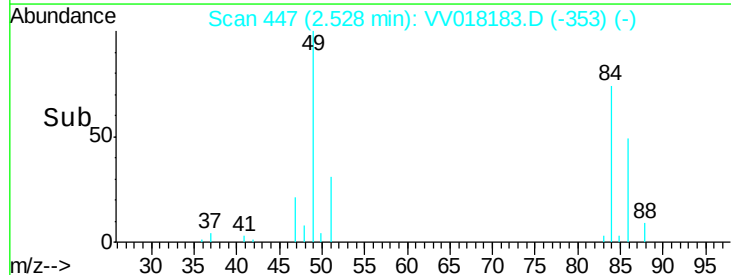
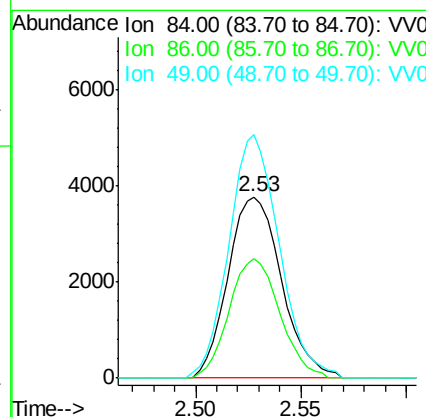
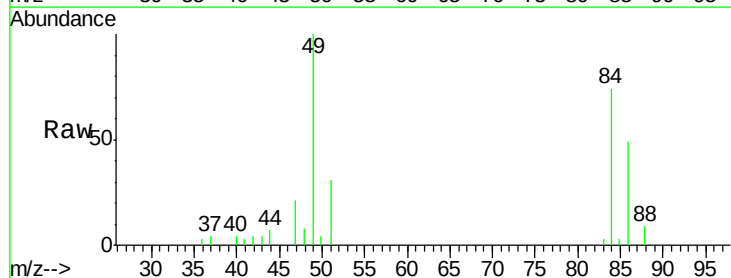
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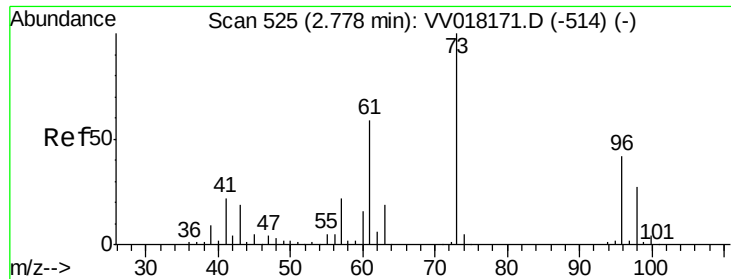
MMDadoda
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#16
Methylene chloride
Concen: 2.961 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV018183.D
Acq: 10 Sep 2020 16:42

Tgt Ion: 84 Resp: 6650
Ion Ratio Lower Upper
84 100
86 65.6 44.4 82.4
49 134.3 87.2 162.0





#17

trans-1,2-Dichloroethene

Concen: 2.657 ug/L

RT: 2.78 min Scan# 527

Delta R.T. 0.01 min

Lab File: VV018183.D

Acq: 10 Sep 2020 16:42

Instrument :

MSVOA_V

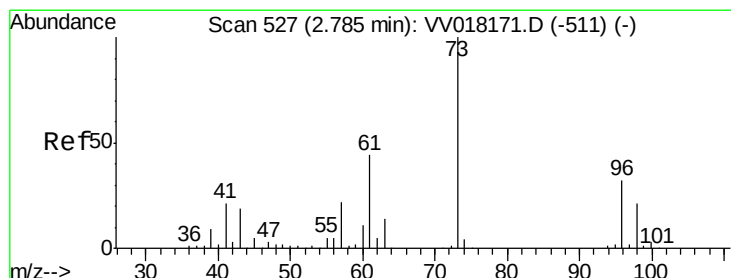
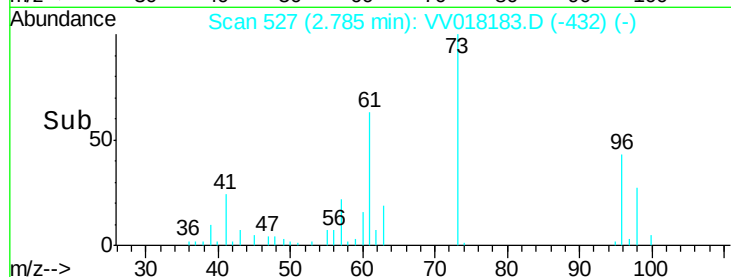
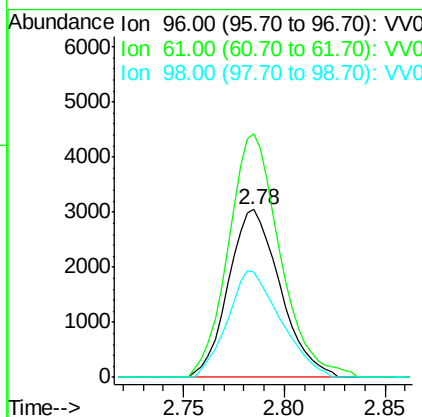
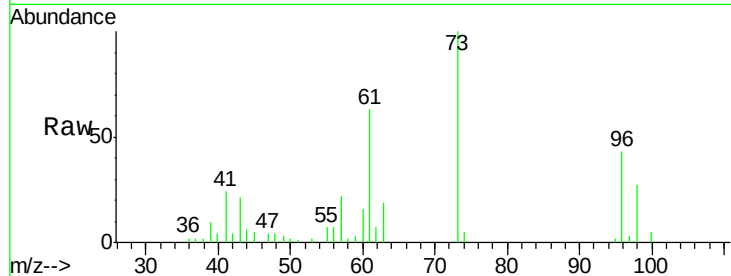
ClientSampled :

MDL01

Tot Ion:	96	Resp:	5484
Ion	Ratio	Lower	Upper
96	100		
61	145.1	100.7	186.9
98	62.5	45.2	84.0

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#18

Methyl tert-butyl Ether

Concen: 2.528 ug/L

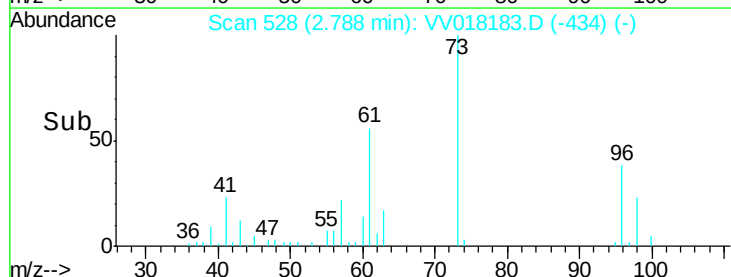
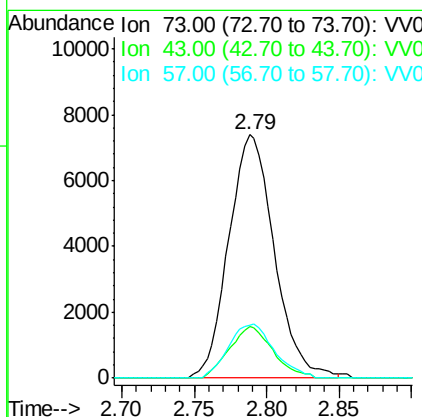
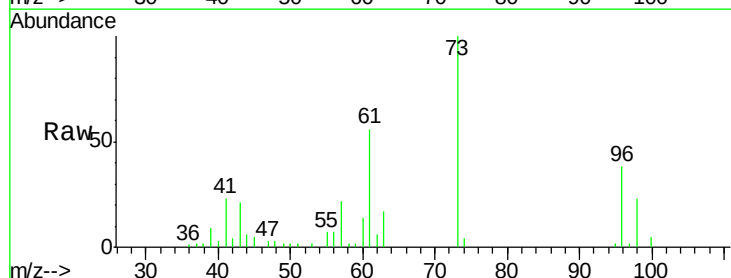
RT: 2.79 min Scan# 528

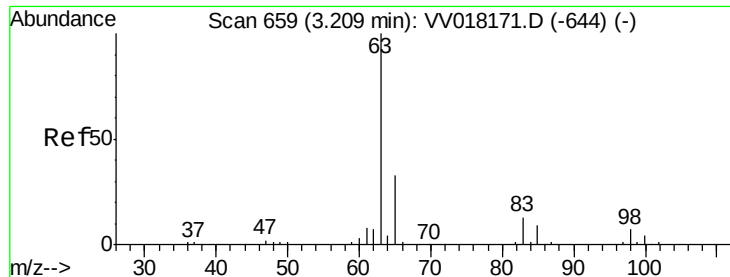
Delta R.T. 0.00 min

Lab File: VV018183.D

Acq: 10 Sep 2020 16:42

Tgt Ion:	73	Resp:	16136
Ion	Ratio	Lower	Upper
73	100		
43	20.2	15.4	23.0
57	22.2	18.0	27.0





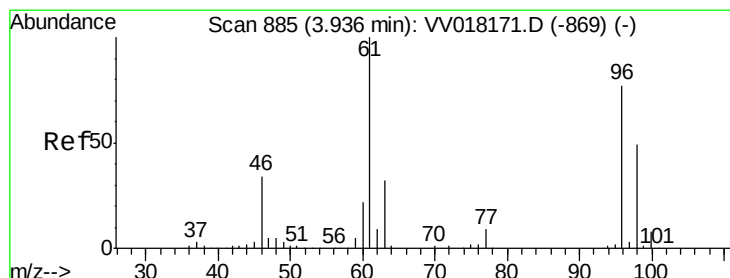
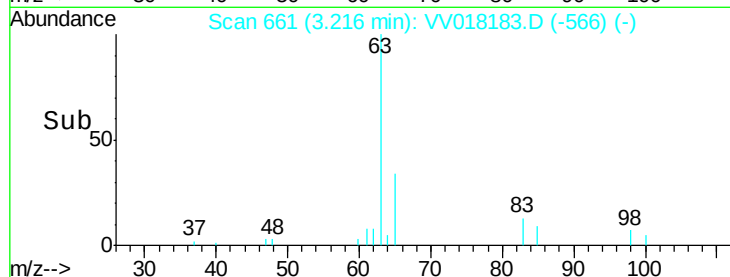
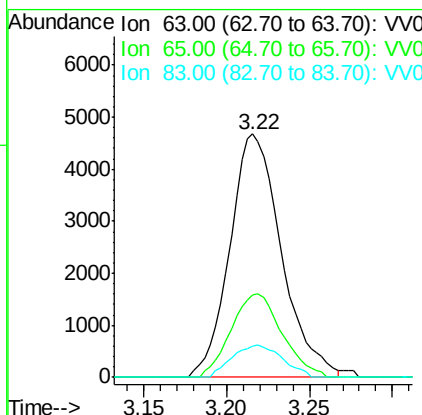
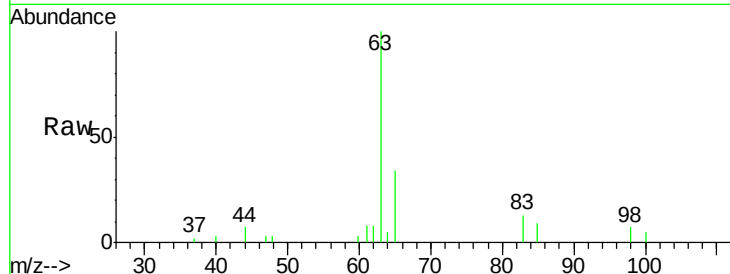
#19
 1,1-Dichloroethane
 Concen: 2.588 ug/L
 RT: 3.22 min Scan# 661
 Delta R.T. 0.01 min
 Lab File: VV018183.D
 Acq: 10 Sep 2020 16:42

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

Tot Ion	Ratio	Lower	Upper
63	100		
65	33.8	22.5	41.7
83	12.6	9.3	17.3

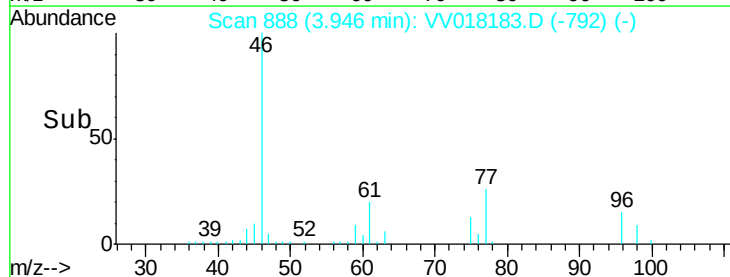
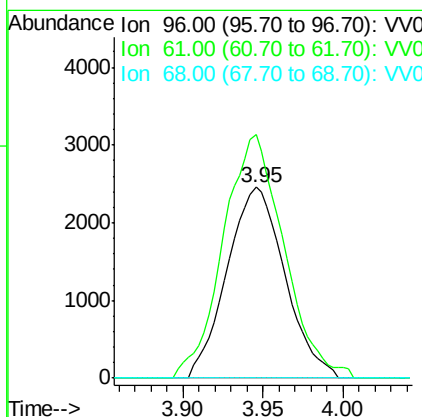
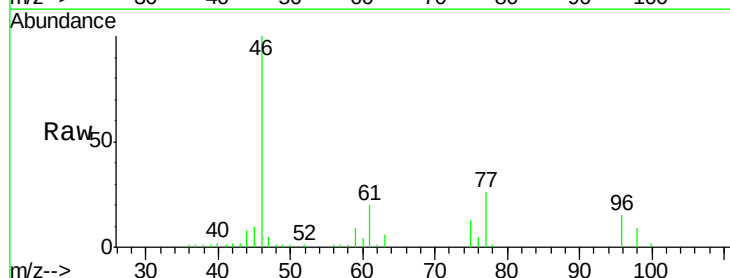
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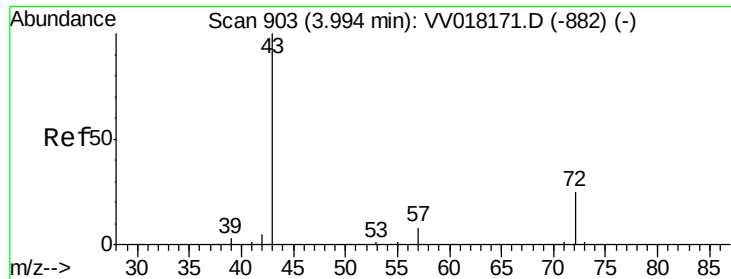
MMDadoda
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#20
 cis-1,2-Dichloroethene
 Concen: 2.760 ug/L
 RT: 3.95 min Scan# 888
 Delta R.T. 0.01 min
 Lab File: VV018183.D
 Acq: 10 Sep 2020 16:42

Tgt Ion	Ratio	Lower	Upper
96	100		
61	127.6	93.6	173.8
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 5.649 ug/L m

RT: 4.02 min Scan# 912

Delta R.T. 0.03 min

Lab File: VV018183.D

Acq: 10 Sep 2020 16:42

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tot Ion: 43 Resp: 8149

Ion Ratio Lower Upper

43 100

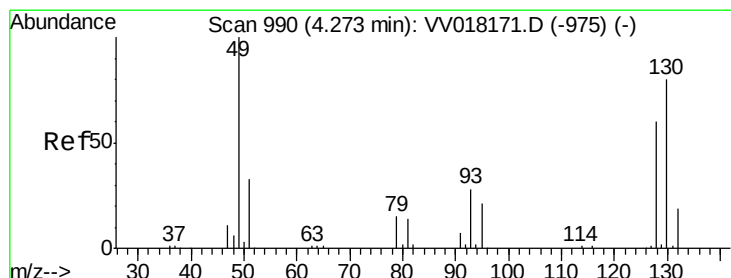
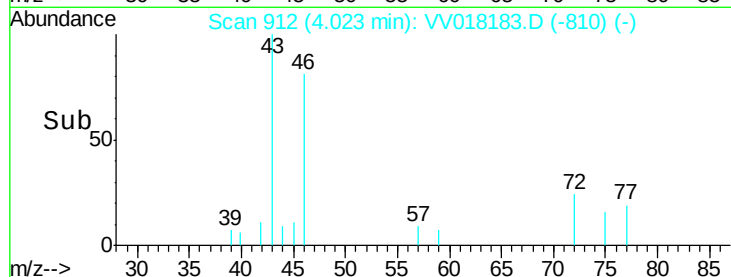
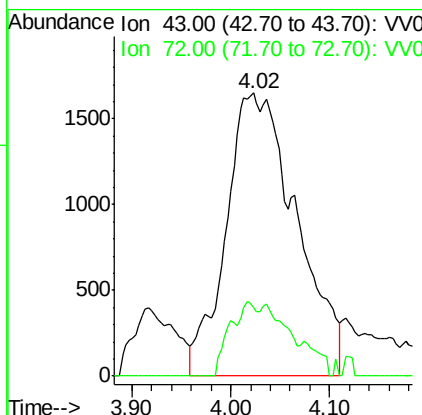
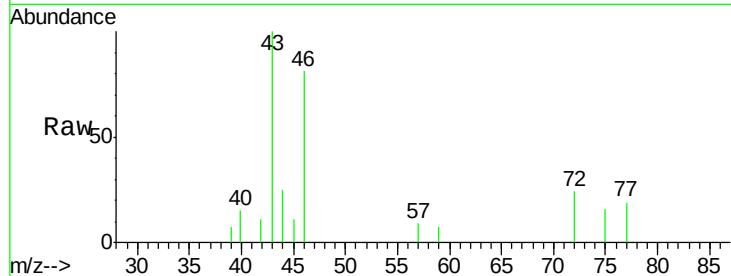
72 4.1 13.1 39.3#

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#23

Bromochloromethane

Concen: 2.745 ug/L

RT: 4.29 min Scan# 994

Delta R.T. 0.01 min

Lab File: VV018183.D

Acq: 10 Sep 2020 16:42

Tgt Ion: 128 Resp: 3169

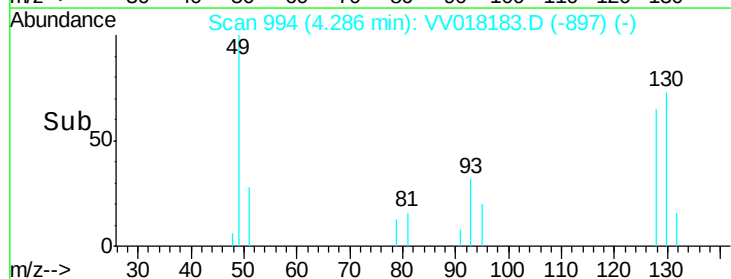
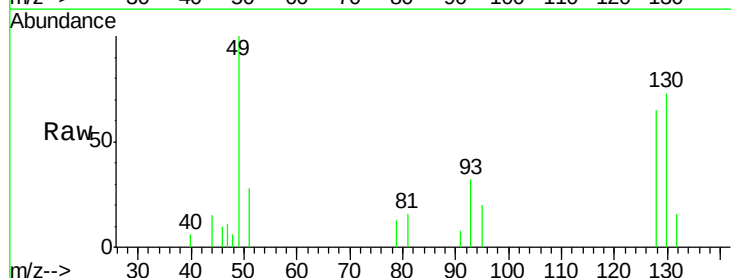
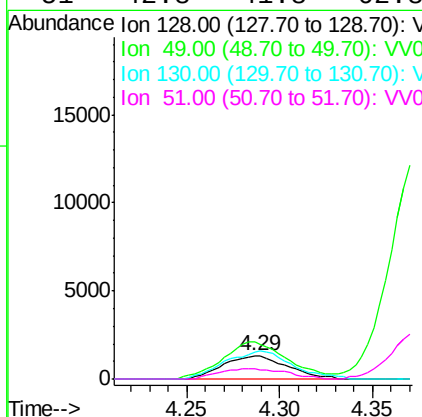
Ion Ratio Lower Upper

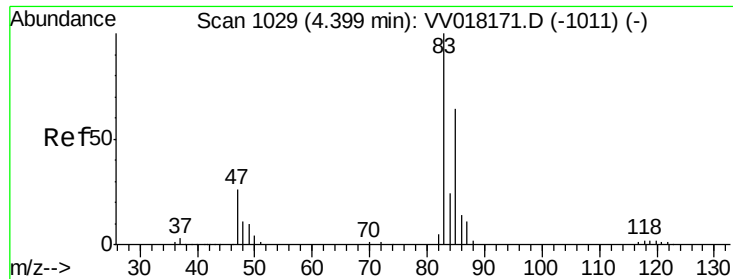
128 100

49 154.5 114.4 212.6

130 112.1 87.9 163.3

51 42.8 41.8 62.8





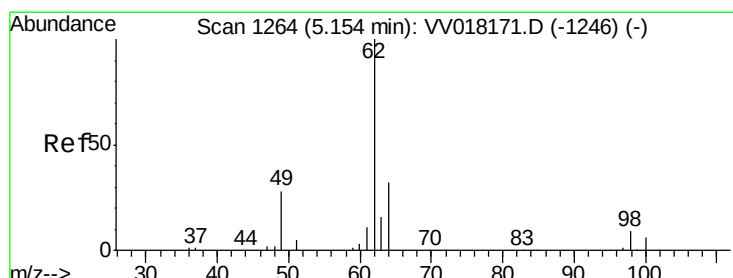
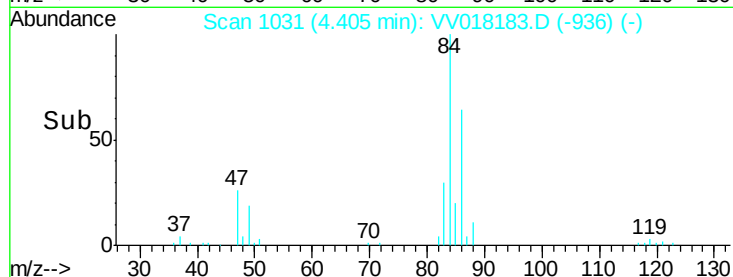
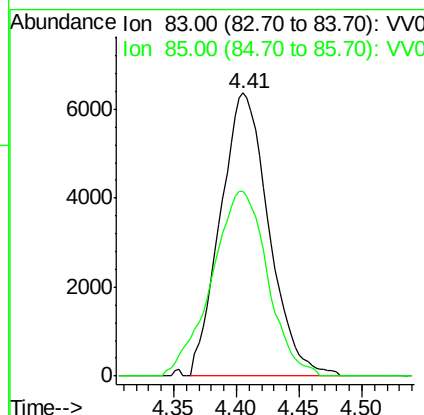
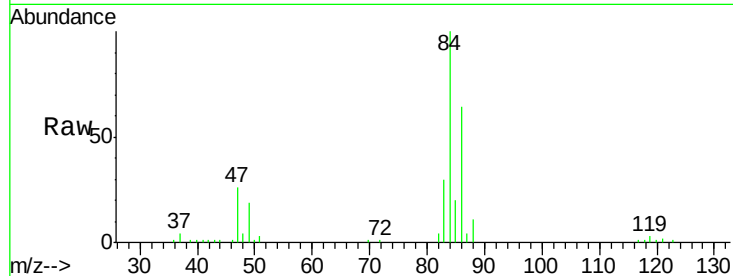
#25
Chloroform
Concen: 4.322 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV018183.D
Acq: 10 Sep 2020 16:42

Instrument :
MSVOA_V
ClientSampled :
MDL01

Tot Ion: 83 Resp: 17145
Ion Ratio Lower Upper
83 100
85 65.2 45.0 83.6

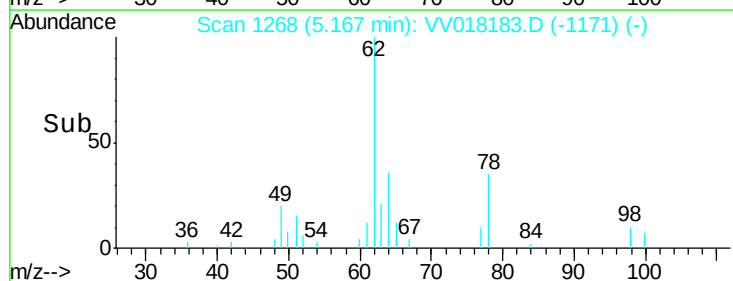
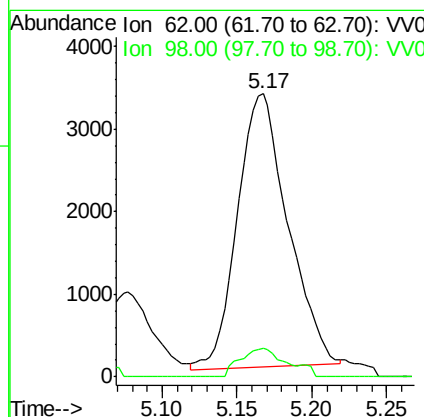
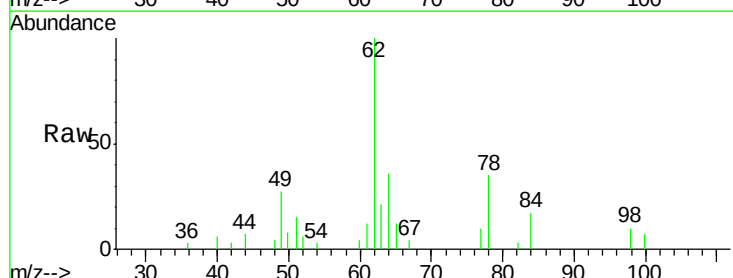
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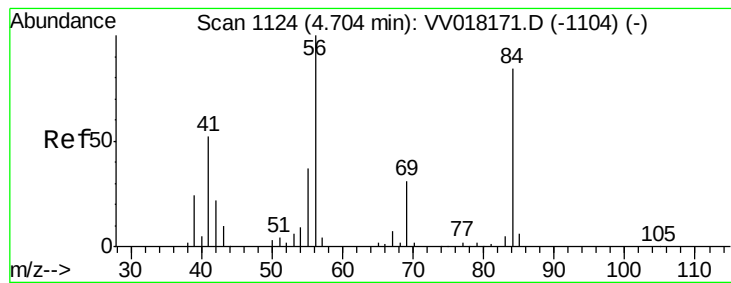
MMDadoda
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#27
1,2-Dichloroethane
Concen: 2.523 ug/L
RT: 5.17 min Scan# 1268
Delta R.T. 0.01 min
Lab File: VV018183.D
Acq: 10 Sep 2020 16:42

Tgt Ion: 62 Resp: 7748
Ion Ratio Lower Upper
62 100
98 9.9 7.6 11.4





#29

Cyclohexane

Concen: 2.534 ug/L

RT: 4.71 min Scan# 1125

Delta R.T. 0.00 min

Lab File: VV018183.D

Acq: 10 Sep 2020 16:42

Instrument :

MSVOA_V

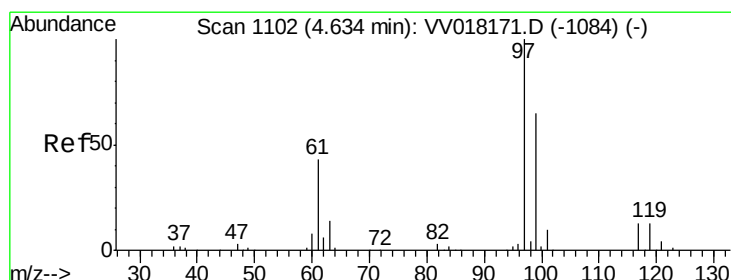
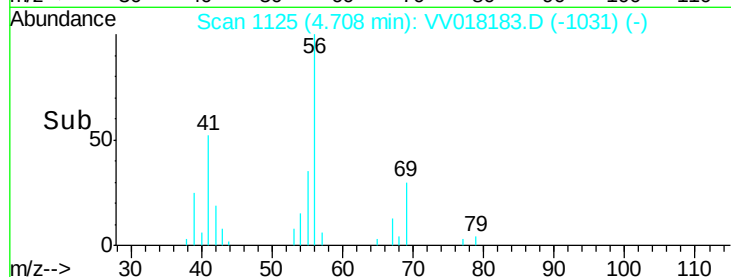
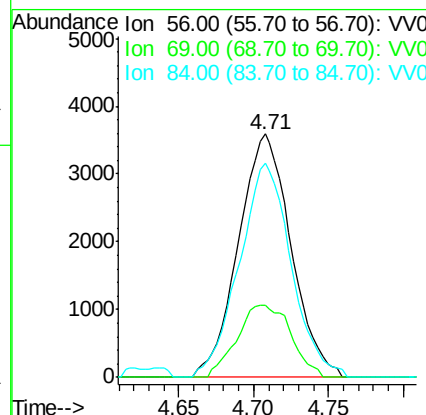
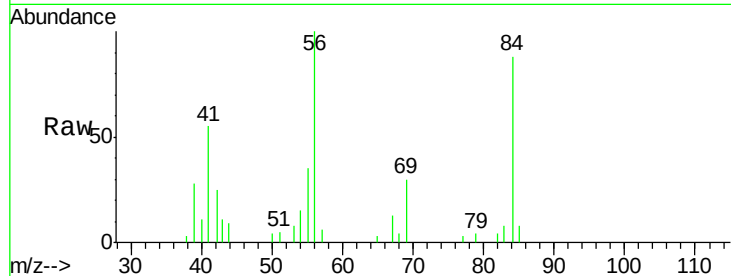
ClientSampleId :

MDL01

Tot Ion:	56	Resp:	8764
Ion	Ratio	Lower	Upper
56	100		
69	30.3	24.2	36.2
84	87.1	68.3	102.5

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#30

1,1,1-Trichloroethane

Concen: 2.592 ug/L

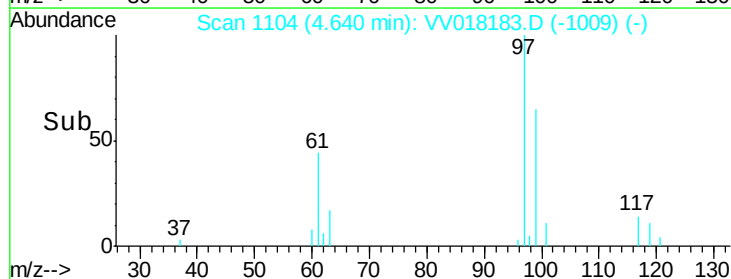
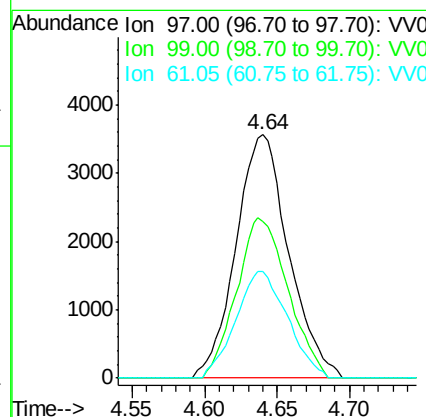
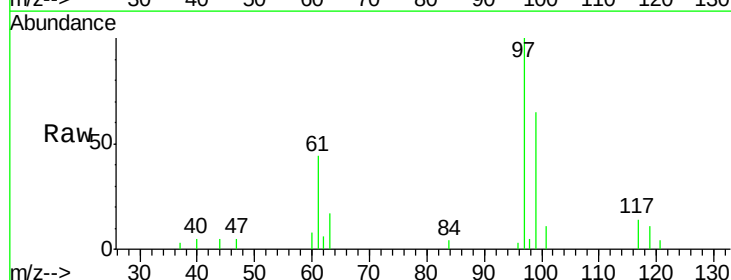
RT: 4.64 min Scan# 1104

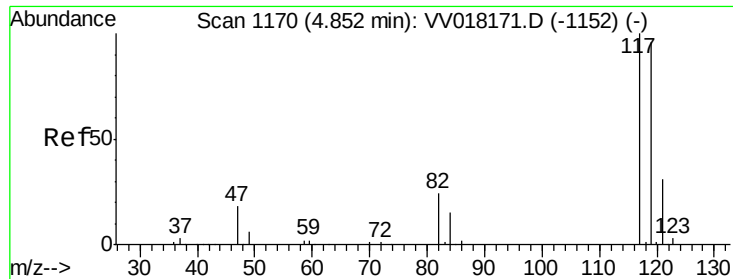
Delta R.T. 0.01 min

Lab File: VV018183.D

Acq: 10 Sep 2020 16:42

Tgt Ion:	97	Resp:	9011
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.6	77.4
61	42.8	34.9	52.3





#31

Carbon tetrachloride

Concen: 2.547 ug/L

RT: 4.86 min Scan# 1172

Delta R.T. 0.01 min

Lab File: VV018183.D

Acq: 10 Sep 2020 16:42

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tot Ion:117 Resp: 7784

Ion Ratio Lower Upper

117 100

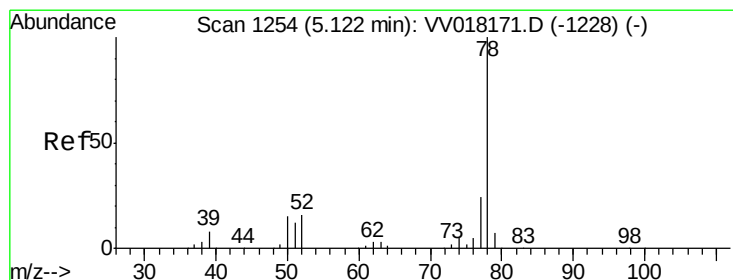
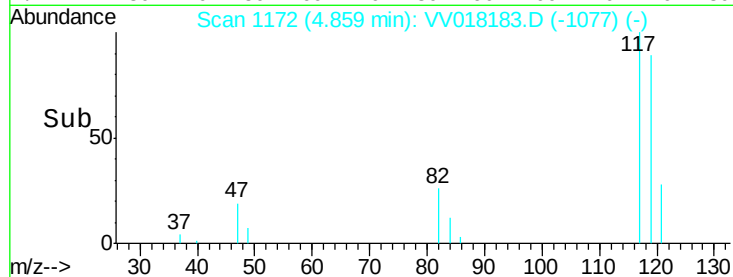
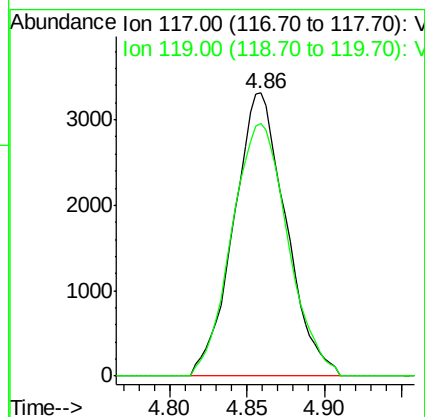
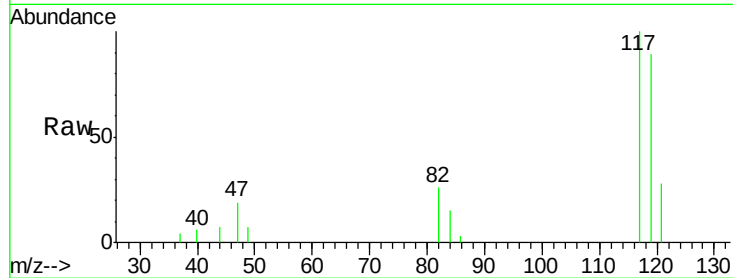
119 95.7 75.7 113.5

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#33

Benzene

Concen: 2.704 ug/L

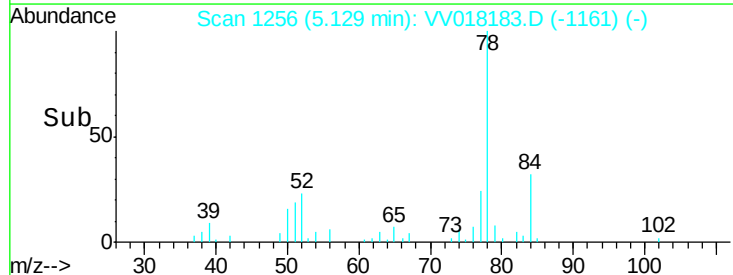
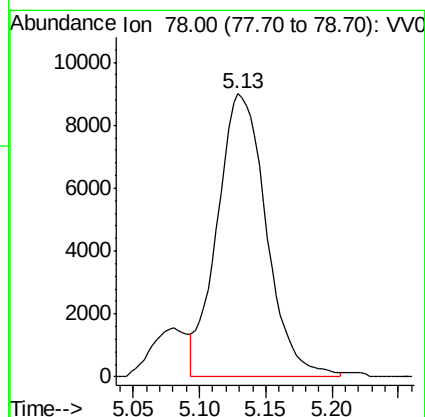
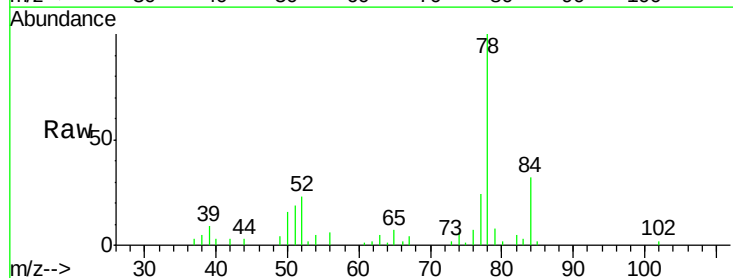
RT: 5.13 min Scan# 1256

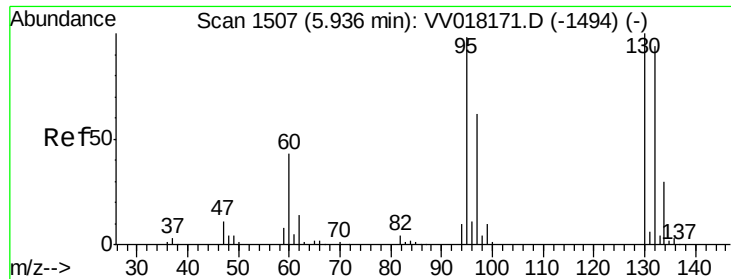
Delta R.T. 0.01 min

Lab File: VV018183.D

Acq: 10 Sep 2020 16:42

Tgt Ion: 78 Resp: 23153





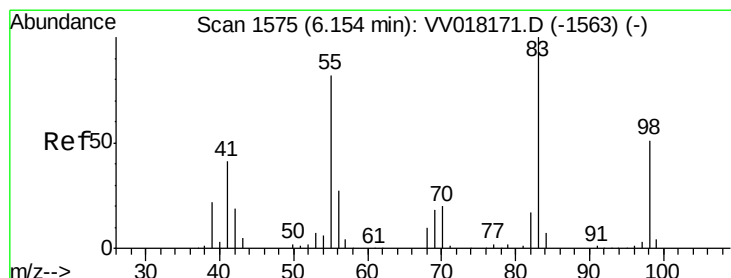
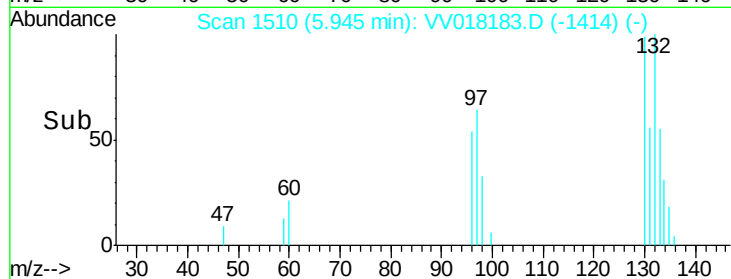
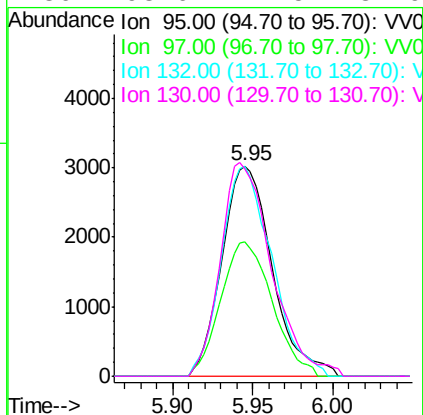
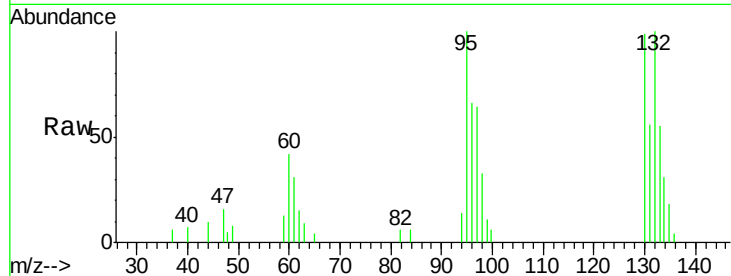
#34
 Trichloroethene
 Concen: 2.796 ug/L
 RT: 5.95 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: VV018183.D
 Acq: 10 Sep 2020 16:42

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

Tot Ion:	95	Resp:	6524
Ion	Ratio	Lower	Upper
95	100		
97	64.1	46.3	85.9
132	99.9	68.1	126.5
130	98.6	71.5	132.9

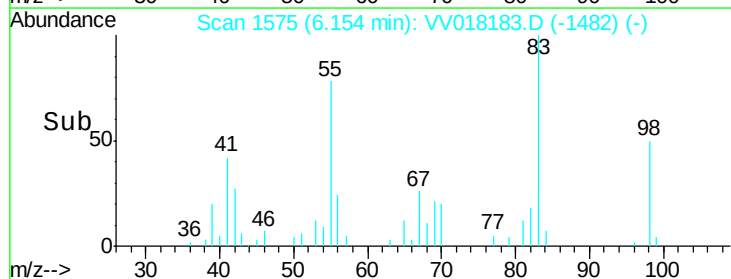
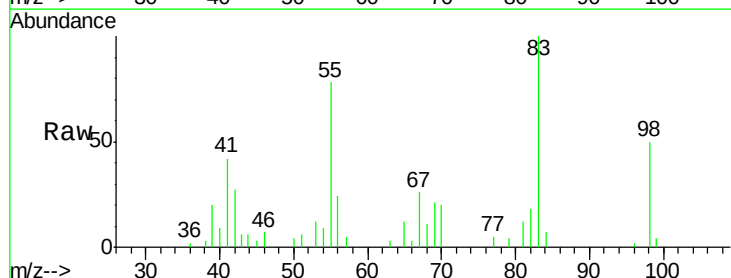
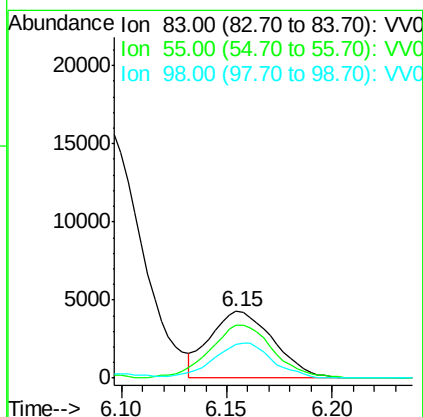
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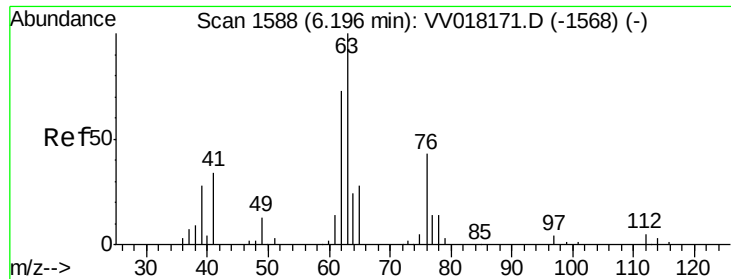
MMDadoda
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#35
 Methylcyclohexane
 Concen: 2.533 ug/L
 RT: 6.15 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: VV018183.D
 Acq: 10 Sep 2020 16:42

Tgt Ion:	83	Resp:	8897
Ion	Ratio	Lower	Upper
83	100		
55	79.4	63.4	95.2
98	48.5	38.8	58.2





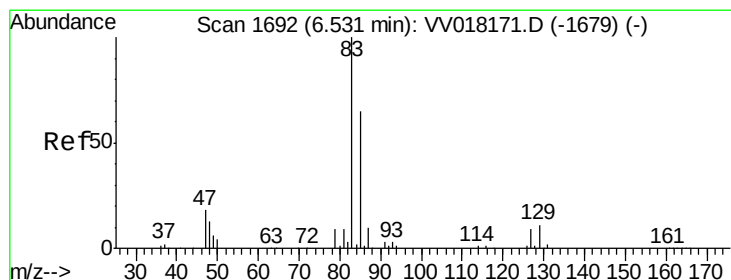
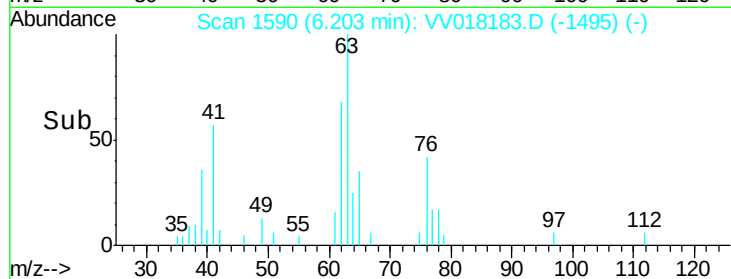
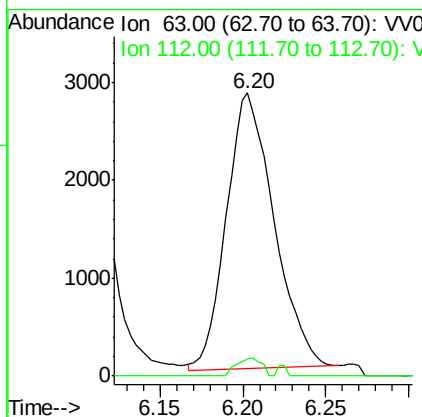
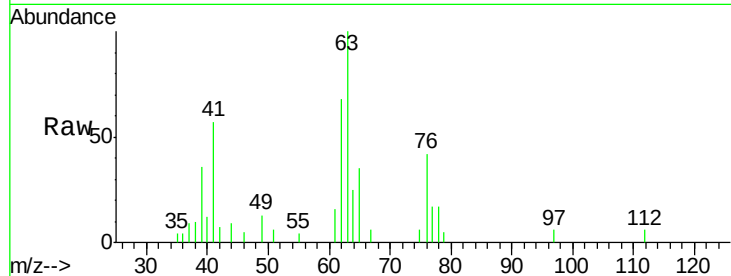
#37
 1,2-Dichloropropane
 Concen: 2.477 ug/L
 RT: 6.20 min Scan# 1590
 Delta R.T. 0.01 min
 Lab File: VV018183.D
 Acq: 10 Sep 2020 16:42

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

Tot Ion: 63 Resp: 5621
 Ion Ratio Lower Upper
 63 100
 112 3.4 3.4 5.2#

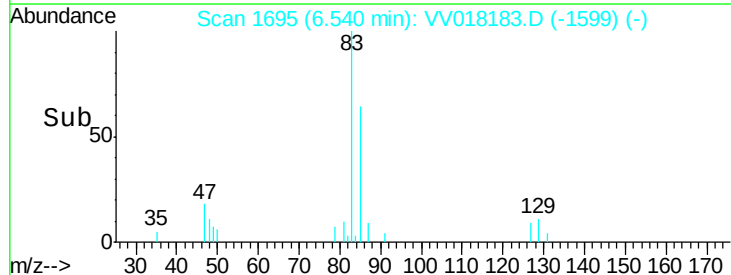
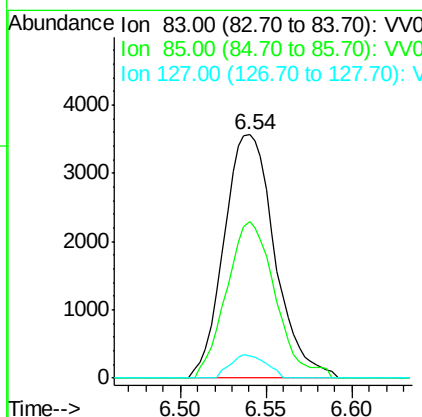
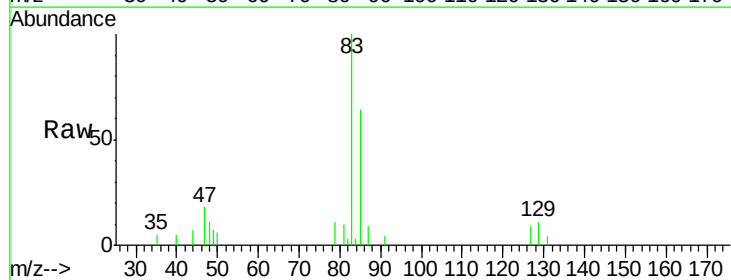
Manual Integrations
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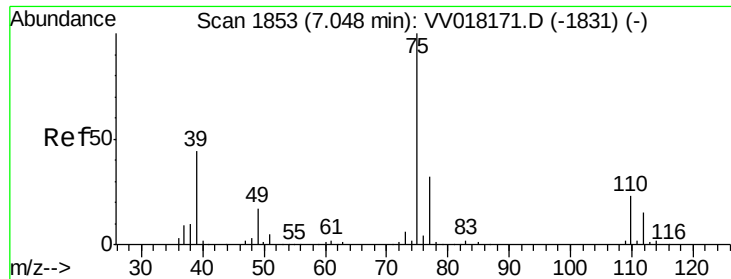
MMDadoda
 9/11/2020 10:28:37 AM



#38
 Bromodichloromethane
 Concen: 2.488 ug/L
 RT: 6.54 min Scan# 1695
 Delta R.T. 0.01 min
 Lab File: VV018183.D
 Acq: 10 Sep 2020 16:42

Tgt Ion: 83 Resp: 7347
 Ion Ratio Lower Upper
 83 100
 85 64.1 44.7 82.9
 127 9.2 6.7 10.1





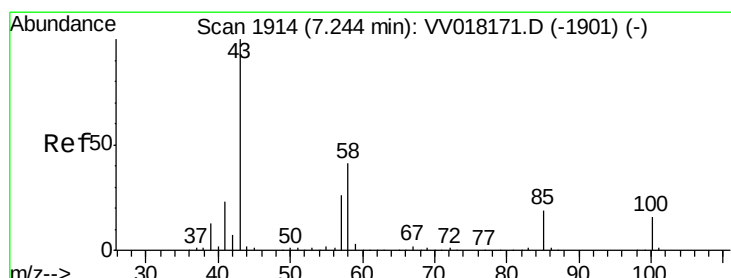
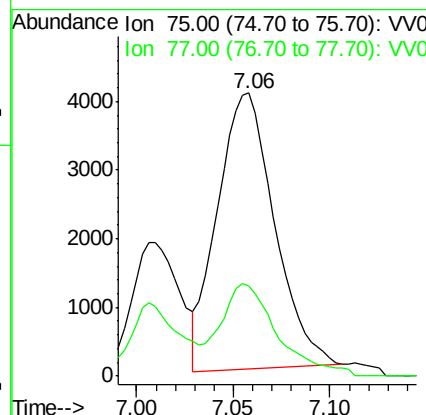
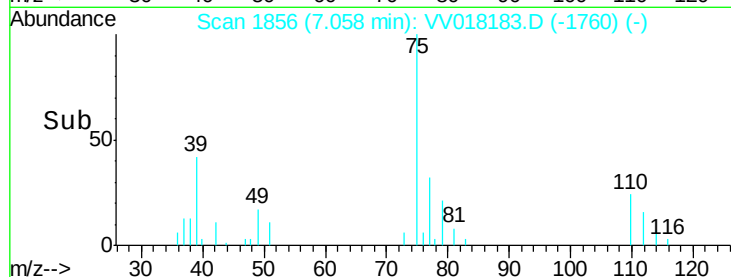
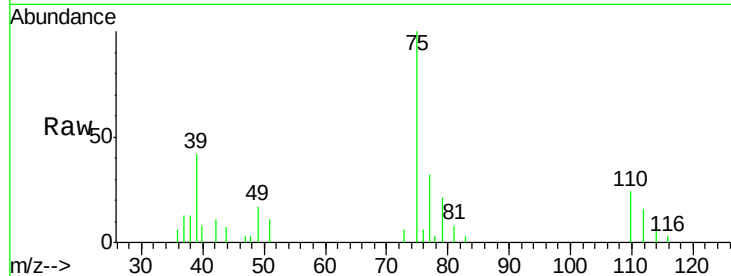
#39
 cis-1,3-Dichloropropene
 Concen: 2.368 ug/L
 RT: 7.06 min Scan# 1856
 Delta R.T. 0.01 min
 Lab File: VV018183.D
 Acq: 10 Sep 2020 16:42

Instrument :
 MSVOA_V
 ClientSampled :
 MDL01

Tot Ion: 75 Resp: 8279
 Ion Ratio Lower Upper
 75 100
 77 31.8 22.3 41.3

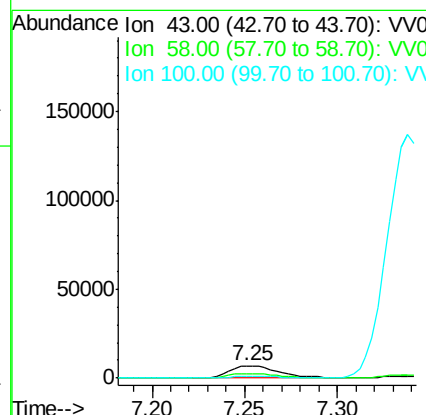
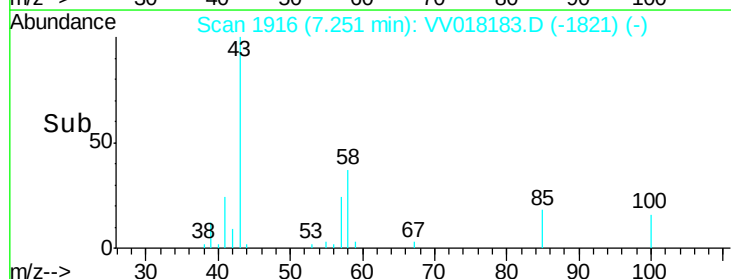
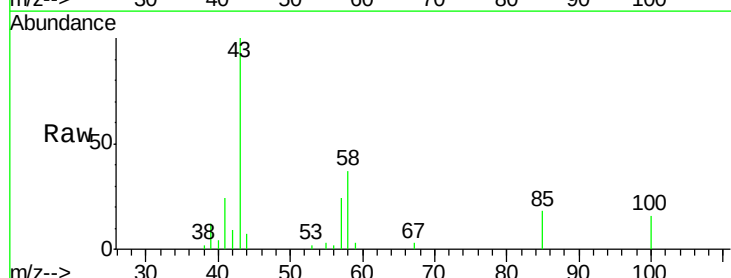
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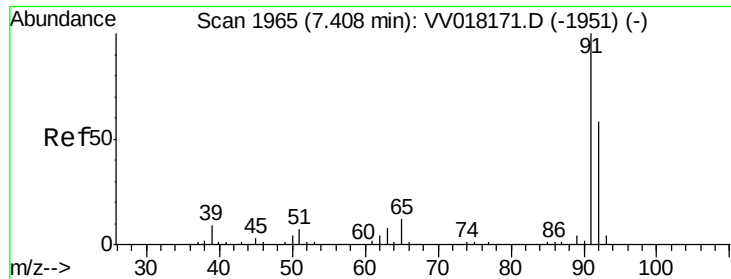
MMDadoda
 9/11/2020 10:28:37 AM



#40
 4-Methyl-2-pentanone
 Concen: 4.698 ug/L
 RT: 7.25 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VV018183.D
 Acq: 10 Sep 2020 16:42

Tgt Ion: 43 Resp: 12935
 Ion Ratio Lower Upper
 43 100
 58 37.7 32.4 48.6
 100 16.3 12.7 19.1





#42

Toluene

Concen: 2.668 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV018183.D

Acq: 10 Sep 2020 16:42

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tot Ion: 91 Resp: 24181

Ion Ratio Lower Upper

91 100

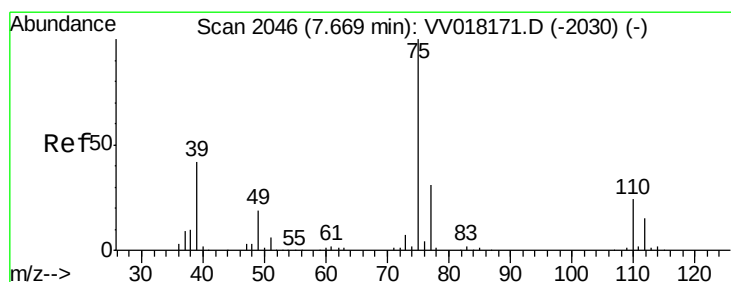
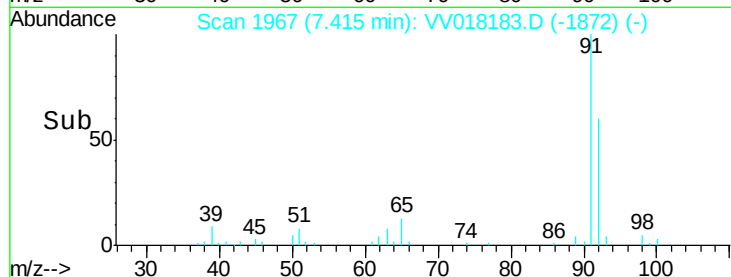
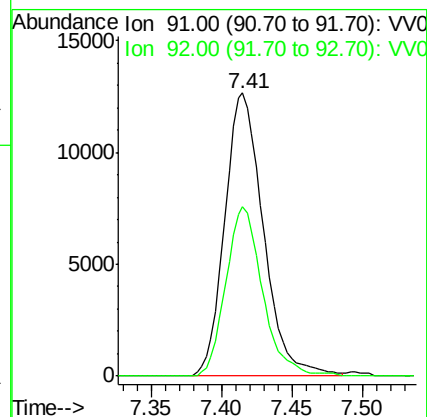
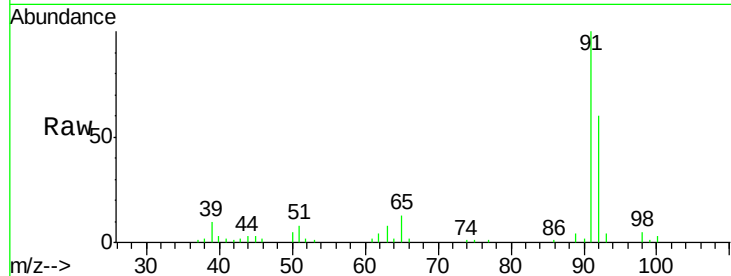
92 59.9 40.7 75.5

Manual Integrations

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MMDadoda

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#44

trans-1,3-Dichloropropene

Concen: 2.595 ug/L

RT: 7.68 min Scan# 2049

Delta R.T. 0.01 min

Lab File: VV018183.D

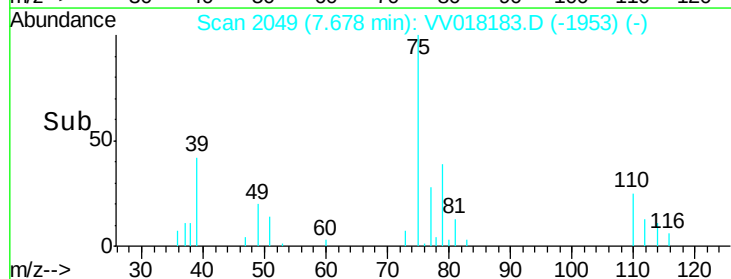
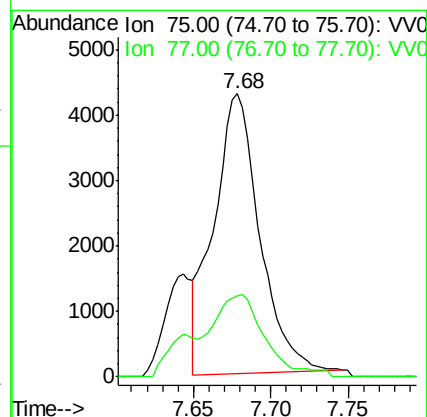
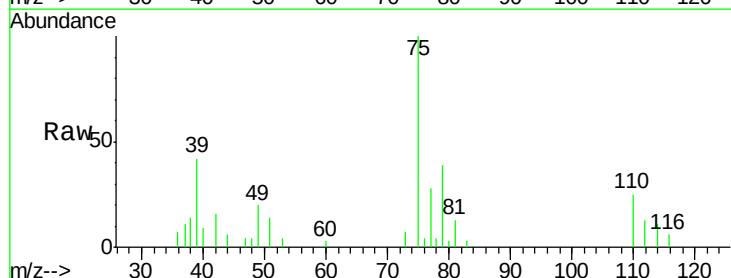
Acq: 10 Sep 2020 16:42

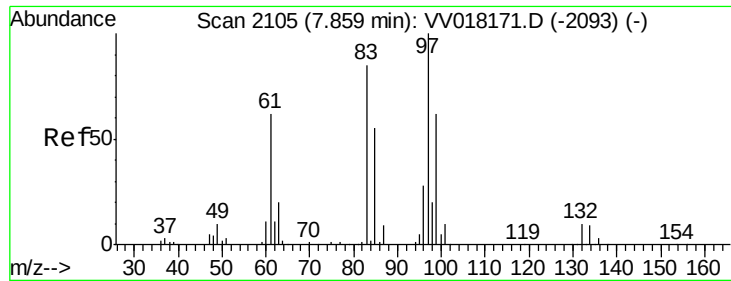
Tgt Ion: 75 Resp: 8835

Ion Ratio Lower Upper

75 100

77 28.5 22.3 41.5





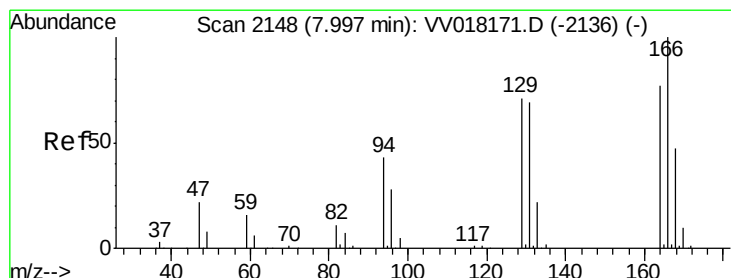
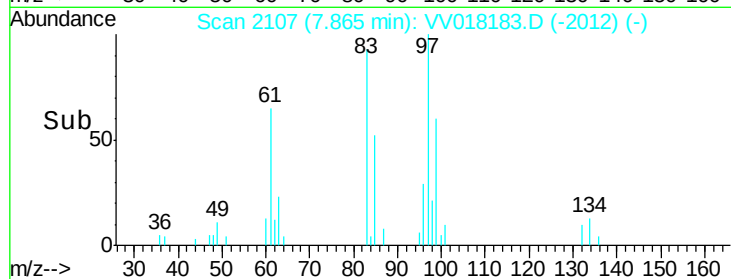
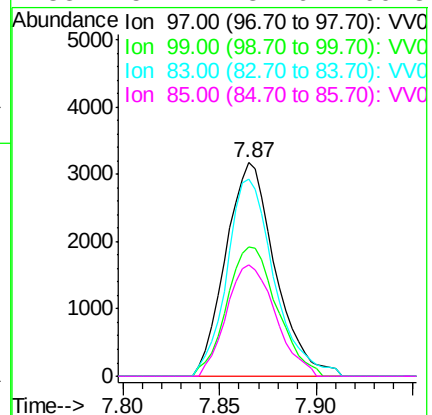
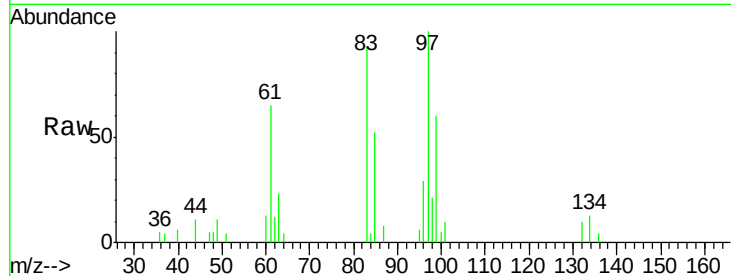
#45
 1,1,2-Trichloroethane
 Concen: 2.690 ug/L
 RT: 7.87 min Scan# 2107
 Delta R.T. 0.01 min
 Lab File: VV018183.D
 Acq: 10 Sep 2020 16:42

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

Tot Ion:	97	Resp:	5659
Ion	Ratio	Lower	Upper
97	100		
99	60.4	43.7	81.1
83	92.6	59.9	111.3
85	52.2	37.6	69.8

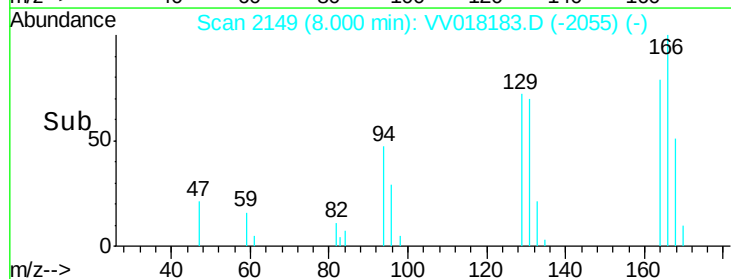
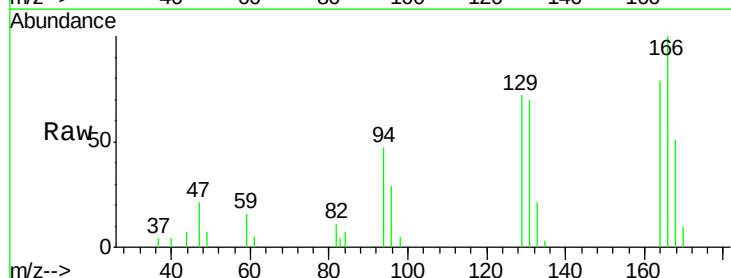
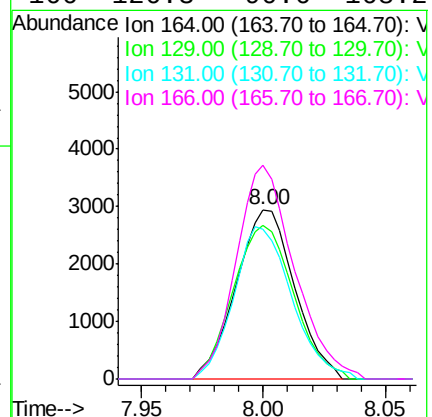
Manual Integrations
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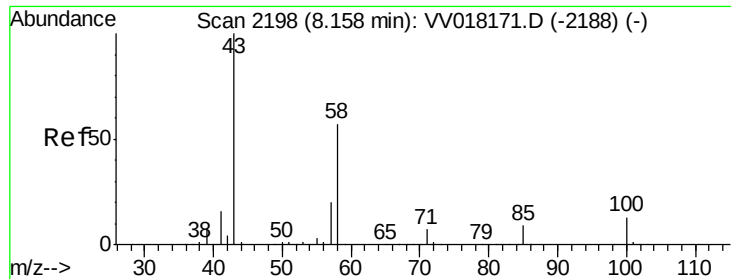
MMDadoda
 9/11/2020 10:28:37 AM



#46
 Tetrachloroethene
 Concen: 2.677 ug/L
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: VV018183.D
 Acq: 10 Sep 2020 16:42

Tgt Ion:	164	Resp:	4896
Ion	Ratio	Lower	Upper
164	100		
129	90.6	64.5	119.7
131	88.7	61.8	114.8
166	126.3	90.6	168.2





#48

2-Hexanone

Concen: 8.365 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV018183.D

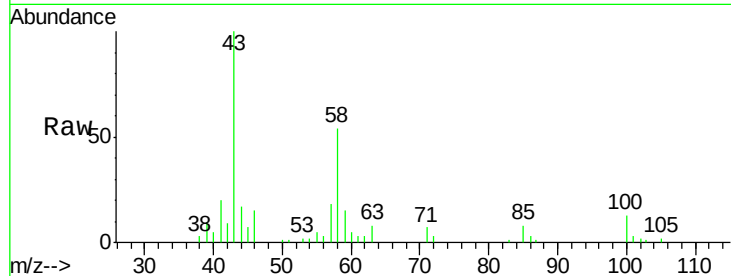
Acq: 10 Sep 2020 16:42

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tot Ion:	43	Resp:	18156
Ion	Ratio	Lower	Upper
43	100		
58	52.2	44.8	67.2
57	20.6	15.8	23.6
100	11.6	10.2	15.4

Manual Integrations
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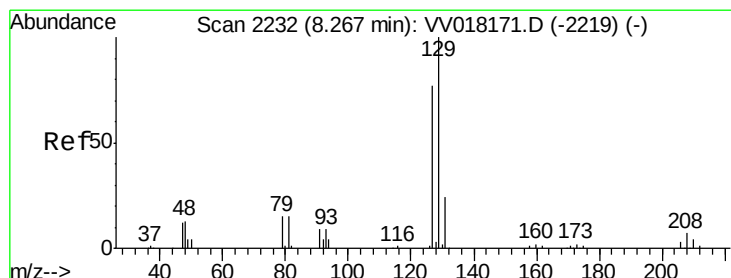
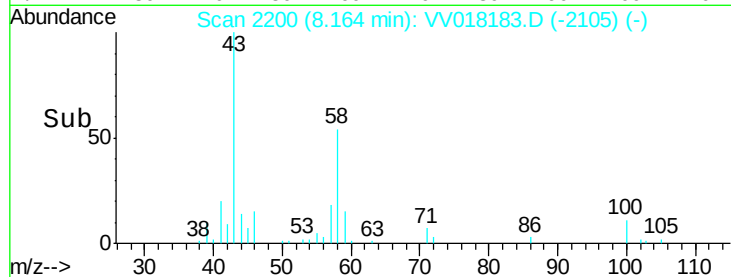
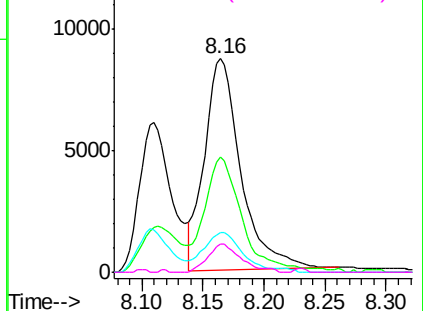


Abundance Ion 43.00 (42.70 to 43.70): VV018183.D (-2195) (-)

Ion 58.00 (57.70 to 58.70): VV018183.D (-2195) (-)

Ion 57.00 (56.70 to 57.70): VV018183.D (-2195) (-)

Ion 100.00 (99.70 to 100.70): VV018183.D (-2195) (-)



#49

Dibromochloromethane

Concen: 2.374 ug/L

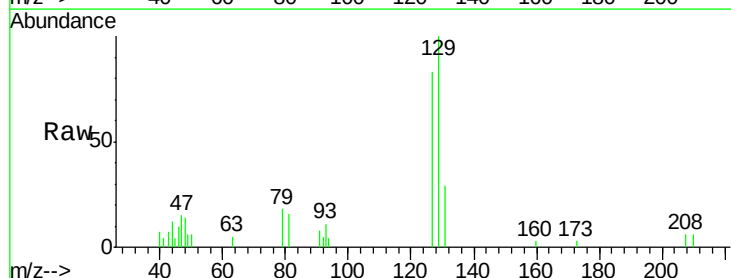
RT: 8.27 min Scan# 2233

Delta R.T. 0.00 min

Lab File: VV018183.D

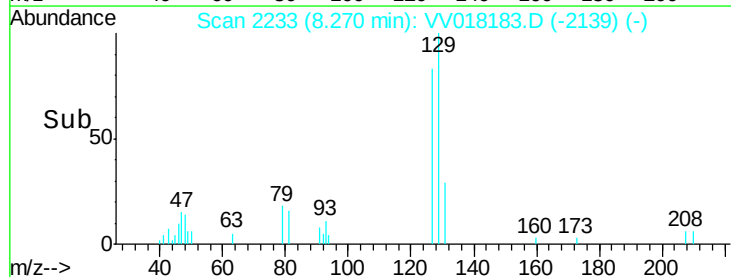
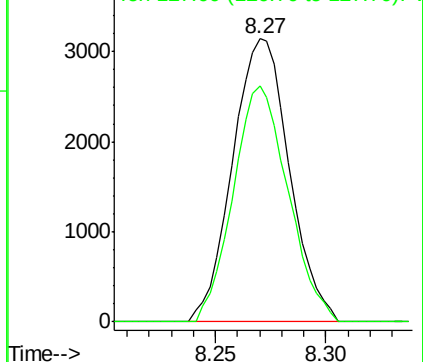
Acq: 10 Sep 2020 16:42

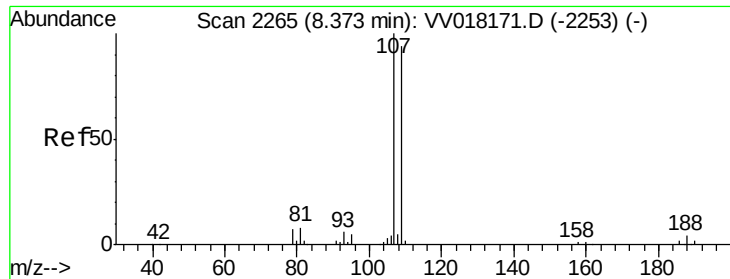
Tgt Ion:	129	Resp:	5605
Ion	Ratio	Lower	Upper
129	100		
127	83.2	54.5	101.1



Abundance Ion 129.00 (128.70 to 129.70): VV018183.D (-2139) (-)

Ion 127.00 (126.70 to 127.70): VV018183.D (-2139) (-)





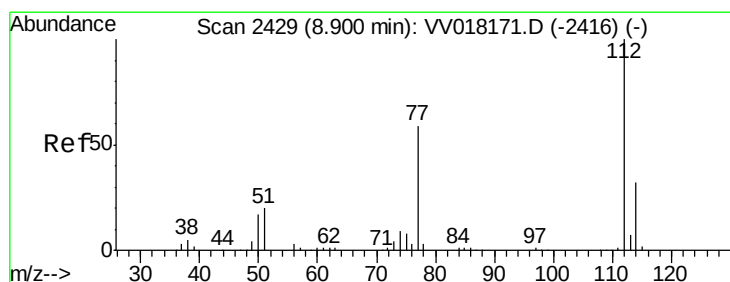
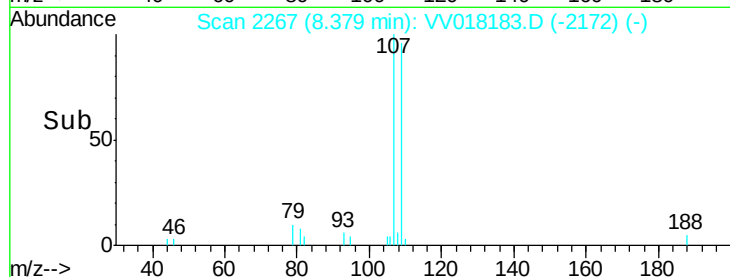
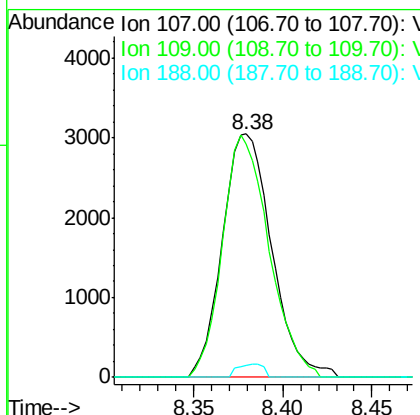
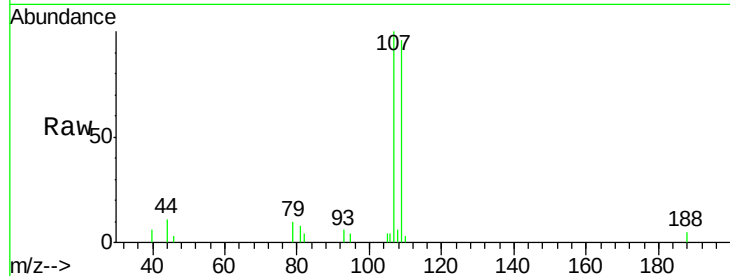
#50
1,2-Dibromoethane
Concen: 2.651 ug/L
RT: 8.38 min Scan# 2267
Delta R.T. 0.01 min
Lab File: VV018183.D
Acq: 10 Sep 2020 16:42

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tot Ion	Ratio	Resp	Lower	Upper
107	100	5868		
109	95.9	66.1	122.8	
188	5.0	3.2	4.8#	

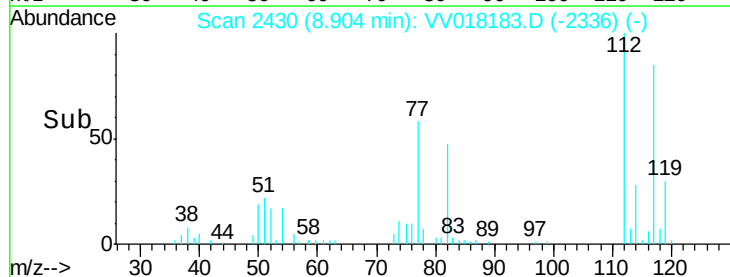
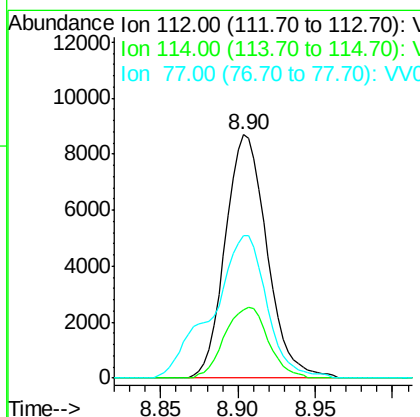
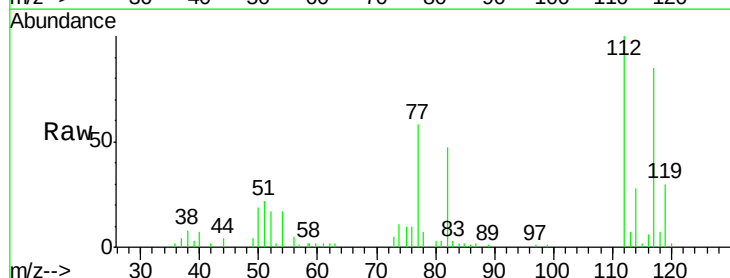
Manual Integrations
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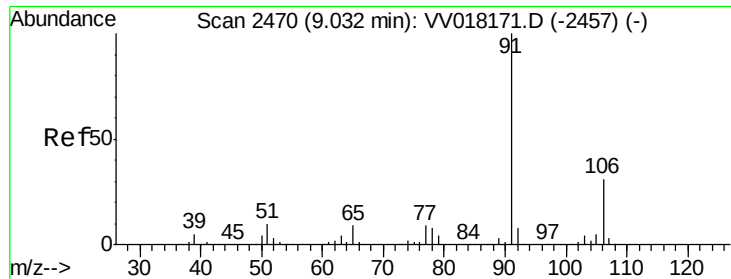
MMDadoda
9/11/2020 10:28:37 AM



#51
Chlorobenzene
Concen: 2.764 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV018183.D
Acq: 10 Sep 2020 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	16271		
114	28.0	22.6	42.0	
77	58.3	48.0	72.0	





#52

Ethylbenzene

Concen: 2.518 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV018183.D

Acq: 10 Sep 2020 16:42

Tot Ion: 91 Resp: 24917

Ion Ratio Lower Upper

91 100

106 30.1 21.3 39.5

Instrument :

MSVOA_V

ClientSampleId :

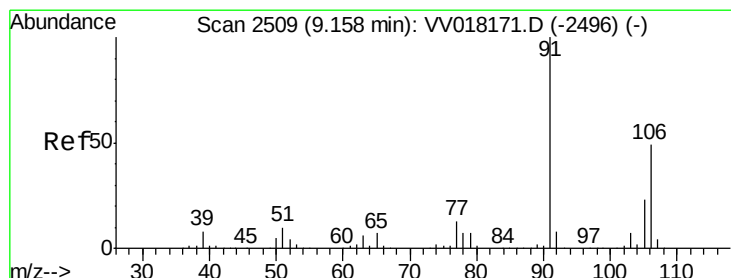
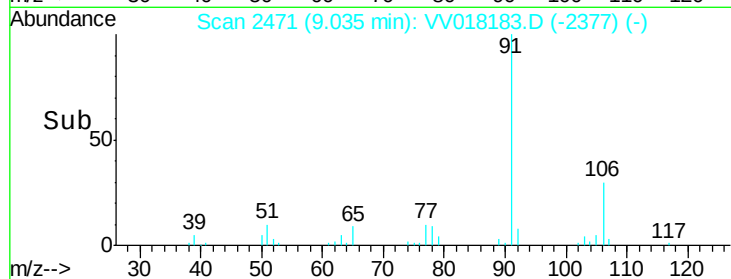
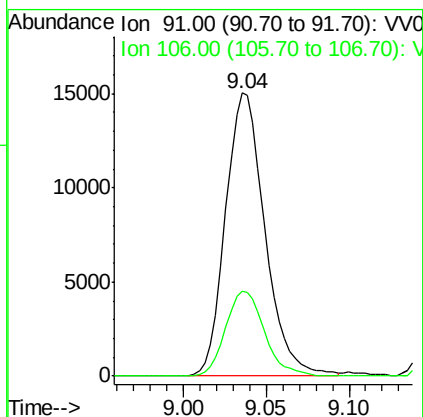
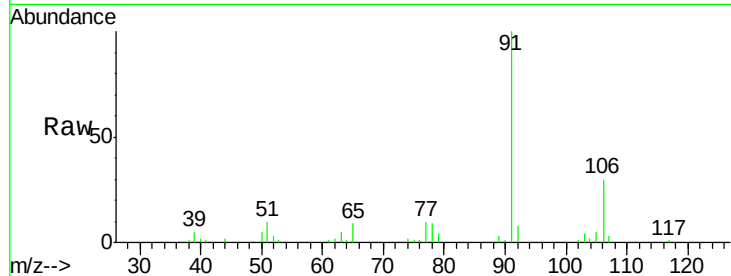
MDL01

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#53

m,p-Xylene

Concen: 2.375 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.01 min

Lab File: VV018183.D

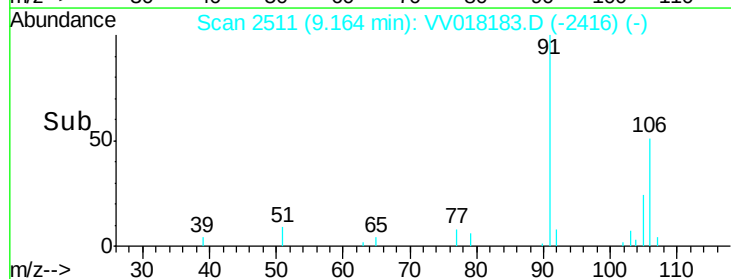
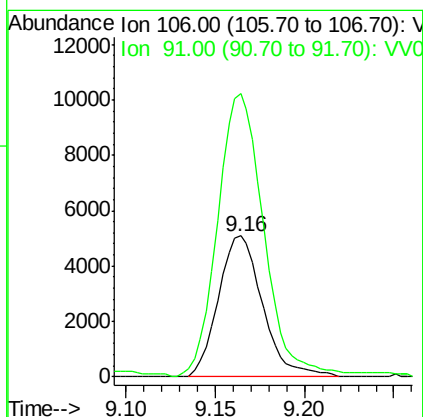
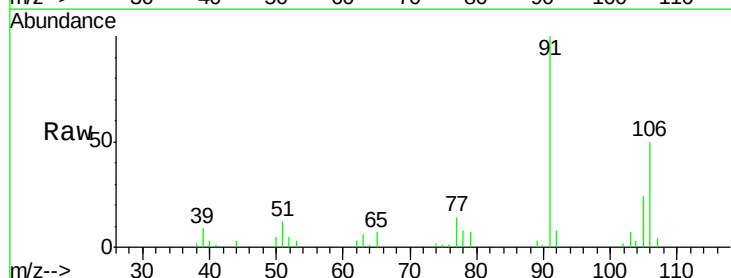
Acq: 10 Sep 2020 16:42

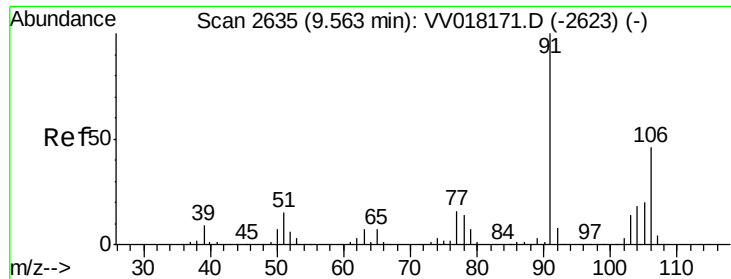
Tgt Ion: 106 Resp: 8773

Ion Ratio Lower Upper

106 100

91 200.6 146.7 272.5





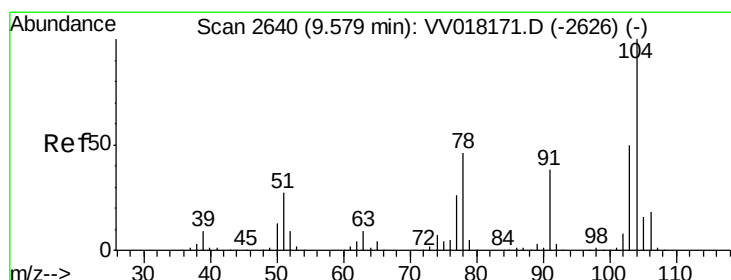
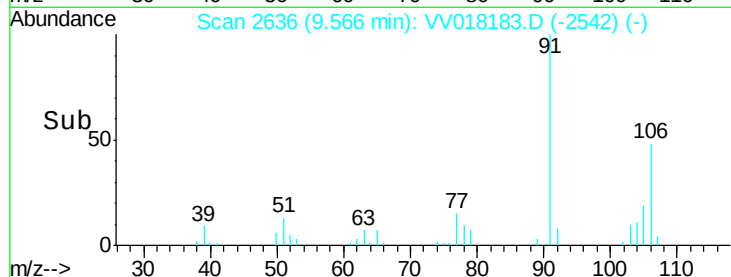
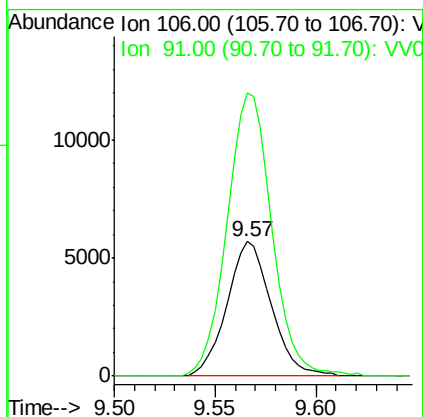
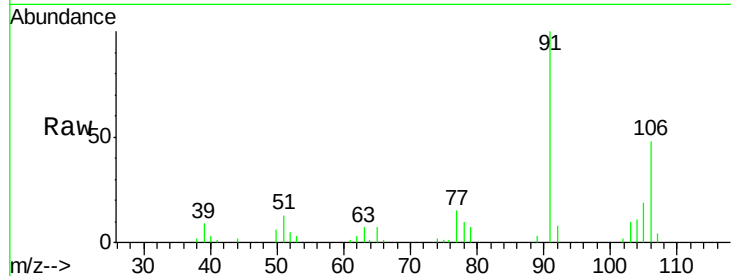
#54
o-xylene
Concen: 2.461 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV018183.D
Acq: 10 Sep 2020 16:42

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tot Ion:106 Resp: 8756
Ion Ratio Lower Upper
106 100
91 210.5 152.2 282.6

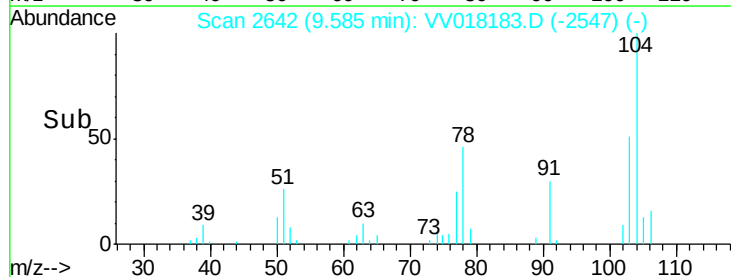
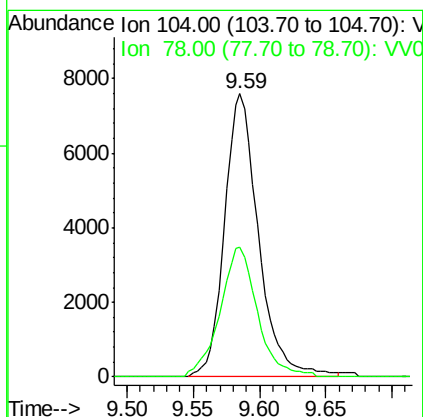
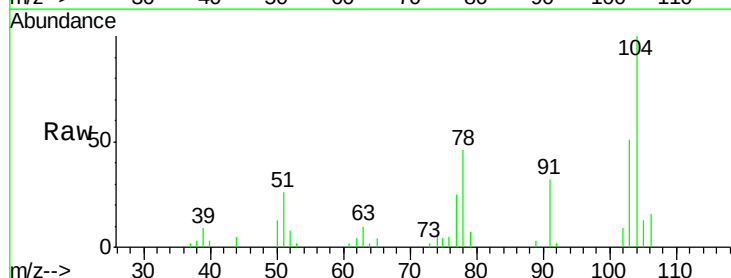
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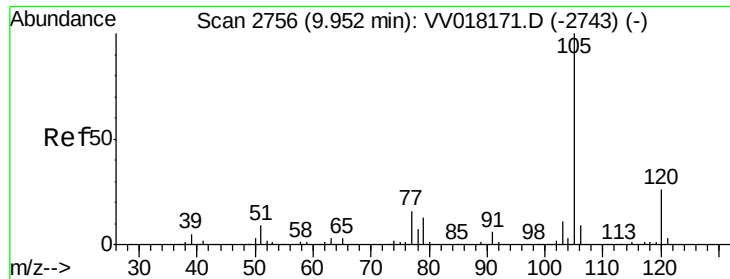
MMDadoda
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#55
Styrene
Concen: 2.192 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. 0.01 min
Lab File: VV018183.D
Acq: 10 Sep 2020 16:42

Tgt Ion:104 Resp: 13557
Ion Ratio Lower Upper
104 100
78 45.9 31.4 58.2





#56

Isopropylbenzene

Concen: 2.297 ug/L

RT: 9.95 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VV018183.D

Acq: 10 Sep 2020 16:42

Instrument :

MSVOA_V

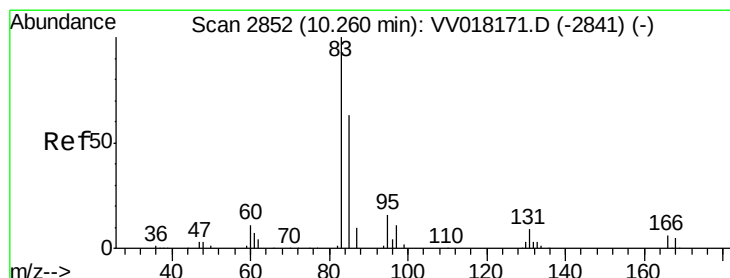
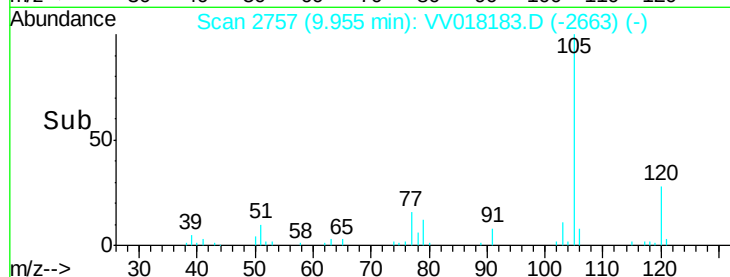
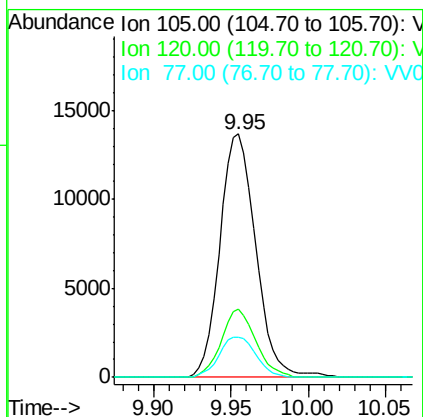
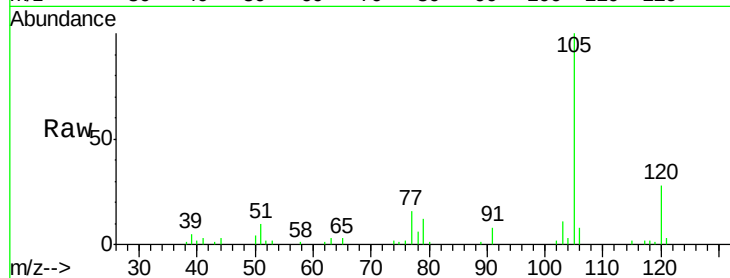
ClientSampled :

MDL01

Tot Ion:	105	Resp:	22023
Ion Ratio	Lower	Upper	
105	100		
120	26.8	20.9	31.3
77	16.9	12.5	18.7

Manual Integrations
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9/11/2020 10:28:37 AM



#58

1,1,2,2-Tetrachloroethane

Concen: 2.716 ug/L

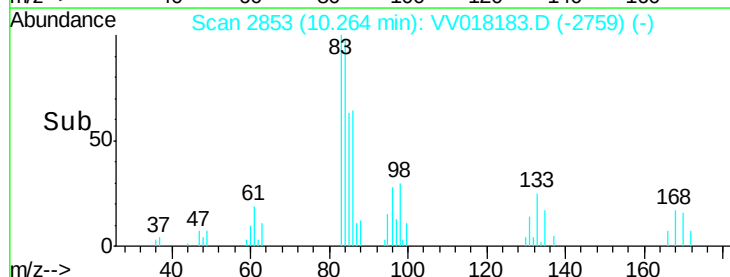
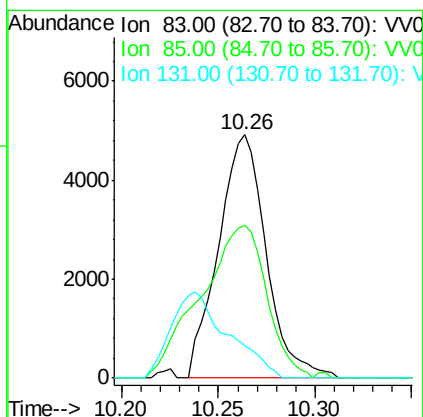
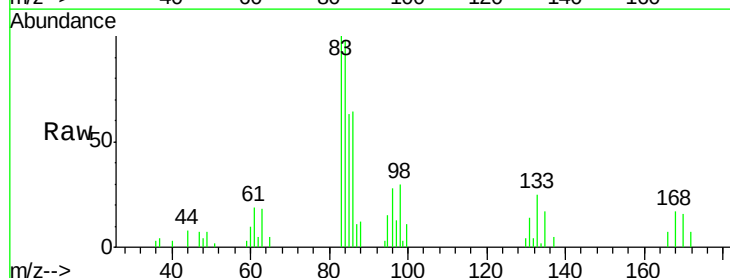
RT: 10.26 min Scan# 2853

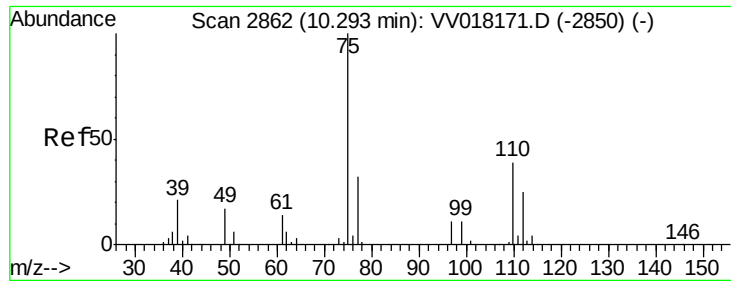
Delta R.T. 0.00 min

Lab File: VV018183.D

Acq: 10 Sep 2020 16:42

Tgt Ion:	83	Resp:	8452
Ion Ratio	Lower	Upper	
83	100		
85	62.7	45.8	85.2
131	13.5	8.0	12.0#





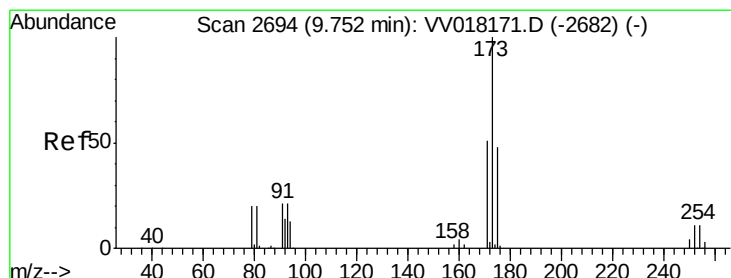
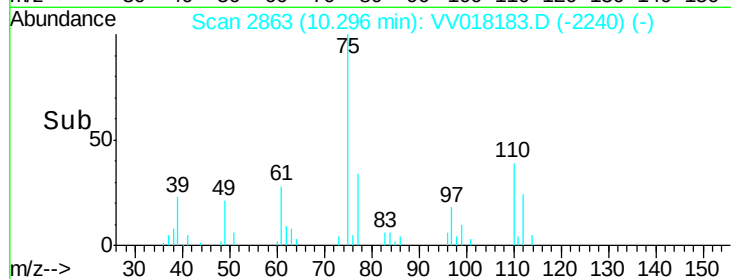
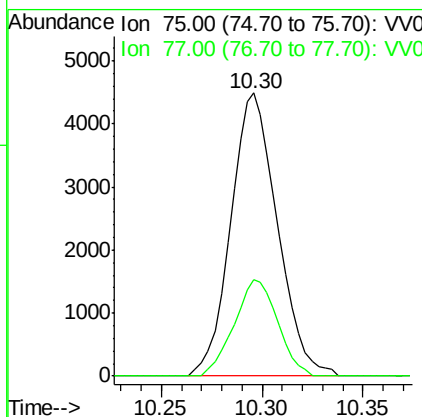
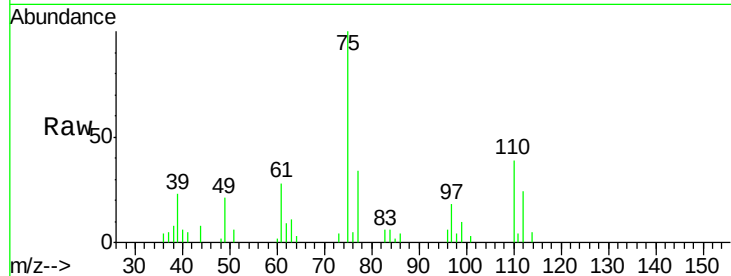
#59
 1,2,3-Trichloropropane
 Concen: 2.718 ug/L
 RT: 10.30 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VV018183.D
 Acq: 10 Sep 2020 16:42

Instrument :
 MSVOA_V
 ClientSampled :
 MDL01

Tot Ion: 75 Resp: 7255
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.8 38.6

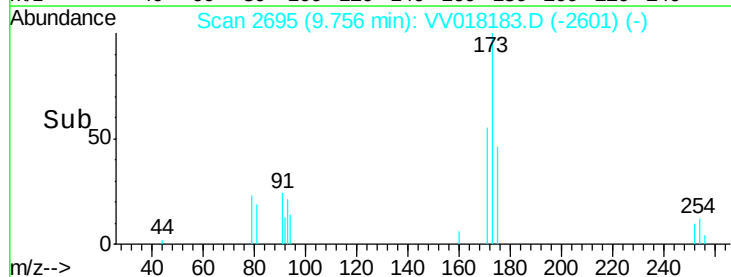
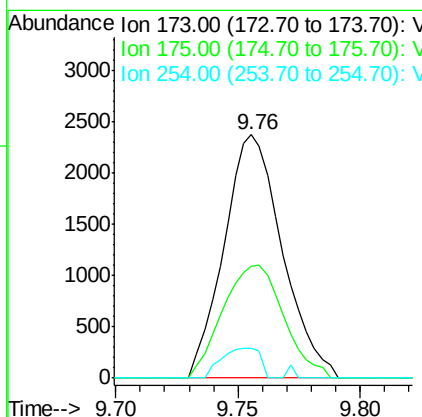
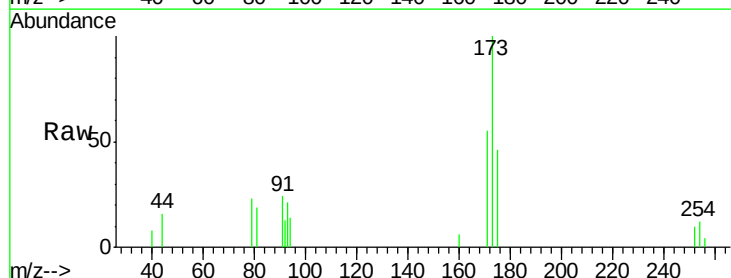
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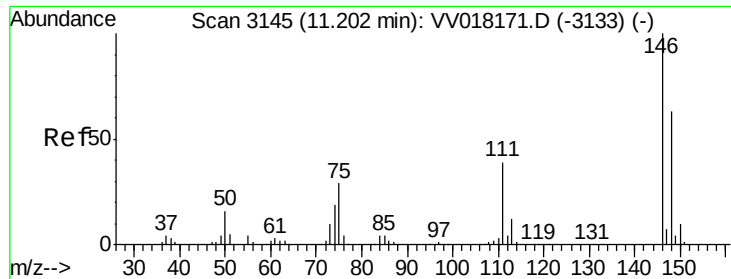
MMDadoda
 9/11/2020 10:28:37 AM



#61
 Bromoform
 Concen: 2.343 ug/L
 RT: 9.76 min Scan# 2695
 Delta R.T. 0.00 min
 Lab File: VV018183.D
 Acq: 10 Sep 2020 16:42

Tgt Ion: 173 Resp: 3928
 Ion Ratio Lower Upper
 173 100
 175 48.8 39.0 58.6
 254 8.2 9.0 13.4#





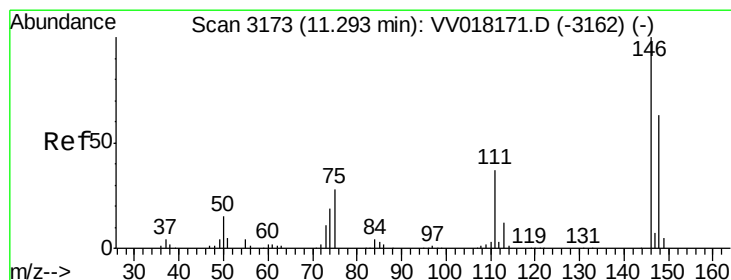
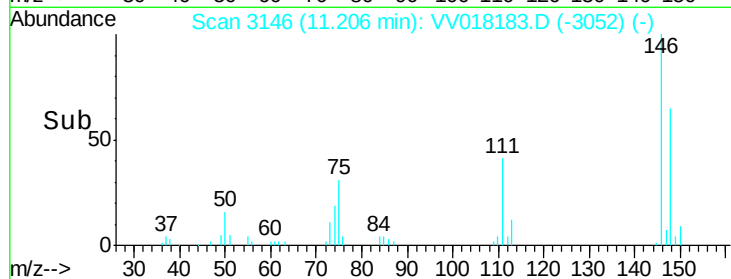
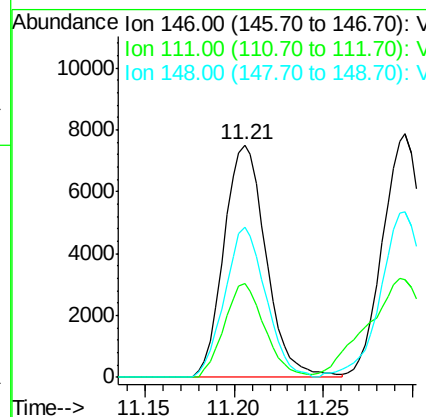
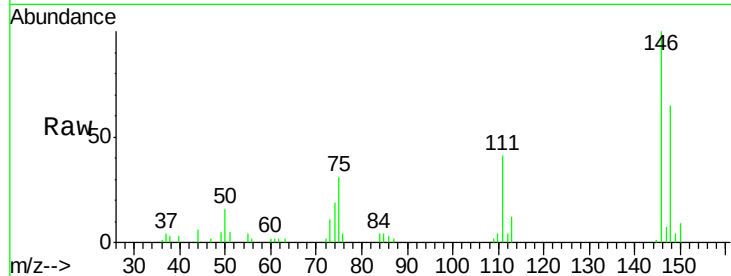
#62
 1,3-Dichlorobenzene
 Concen: 2.658 ug/L
 RT: 11.21 min Scan# 3146
 Delta R.T. 0.00 min
 Lab File: VV018183.D
 Acq: 10 Sep 2020 16:42

Instrument :
 MSVOA_V
 ClientSampled :
 MDL01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	27.6	51.2
148	64.8	45.4	84.2

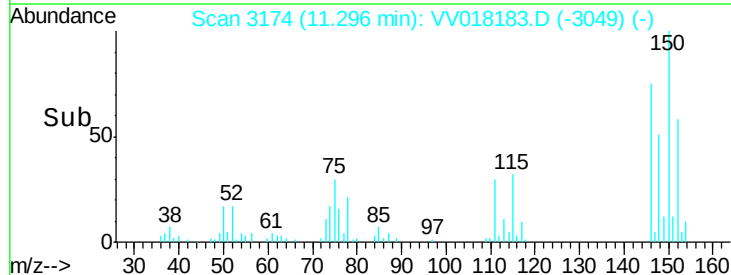
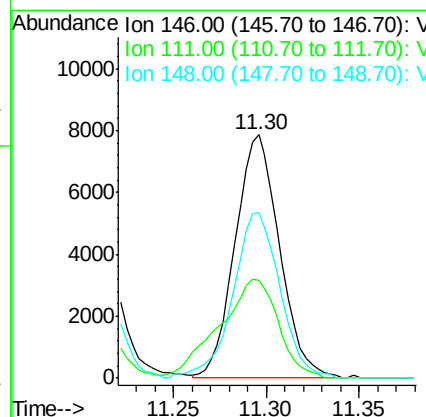
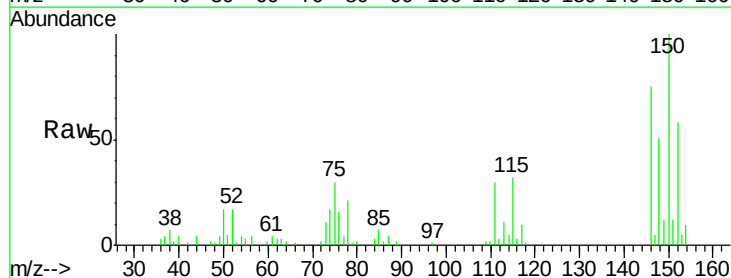
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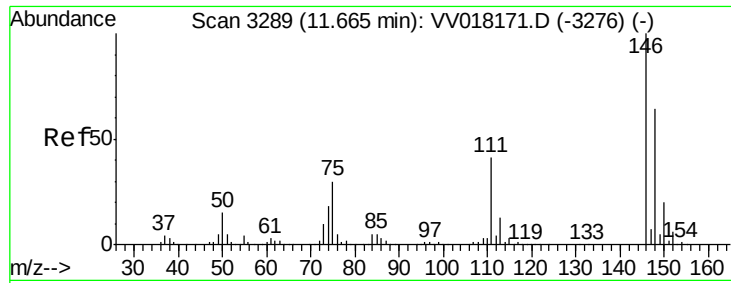
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#63
 1,4-Dichlorobenzene
 Concen: 2.748 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: VV018183.D
 Acq: 10 Sep 2020 16:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	27.1	50.3
148	67.8	45.4	84.2





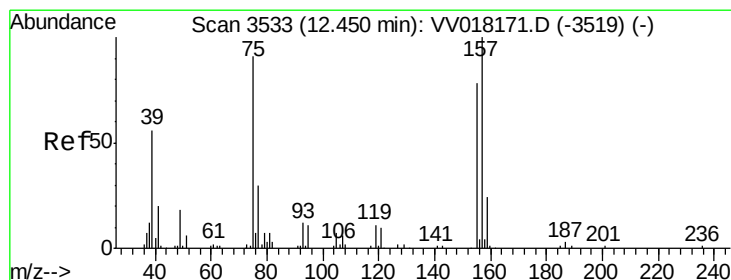
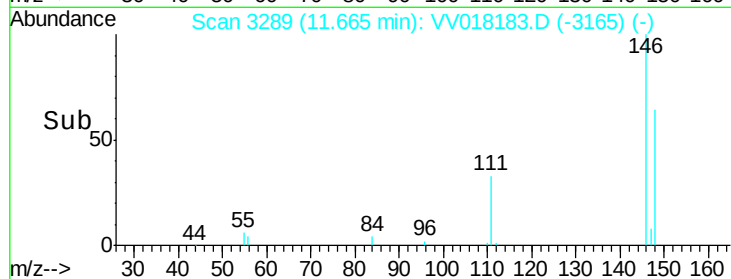
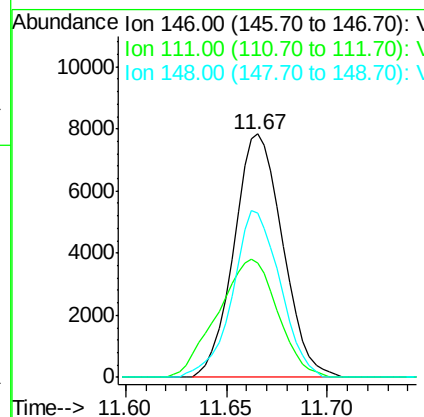
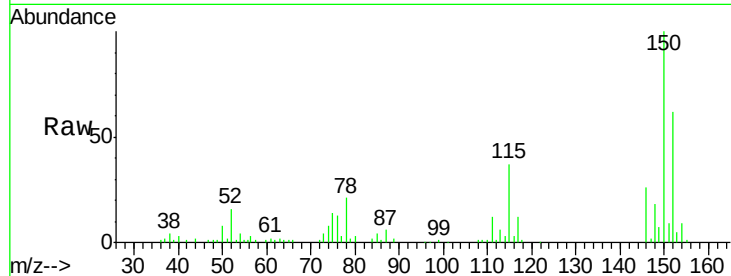
#65
 1,2-Dichlorobenzene
 Concen: 2.823 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: VV018183.D
 Acq: 10 Sep 2020 16:42

Instrument :
 MSVOA_V
 ClientSampled :
 MDL01

Tot Ion	Ratio	Lower	Upper
146	100		
111	47.1	32.8	49.2
148	67.6	50.7	76.1

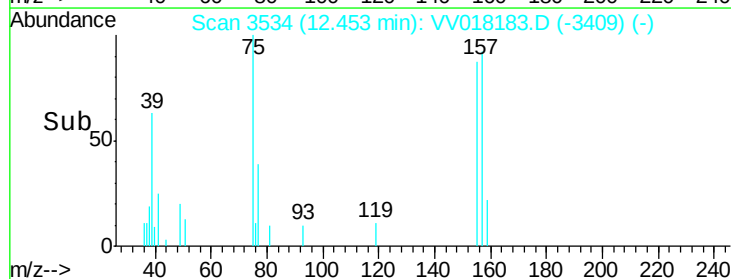
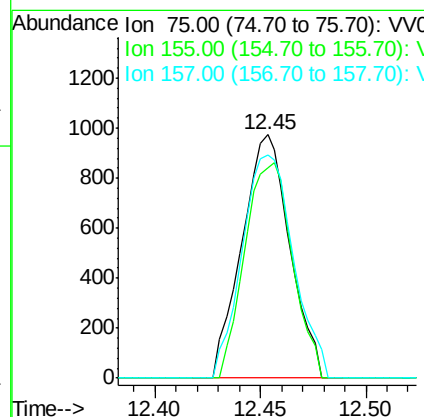
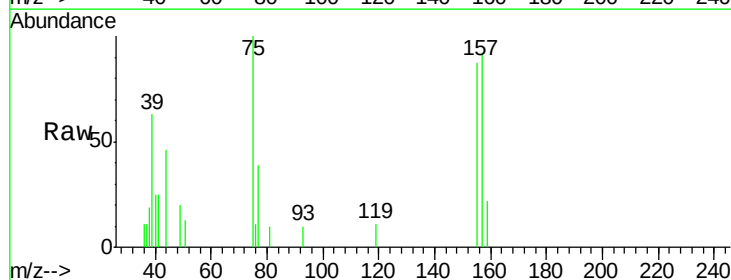
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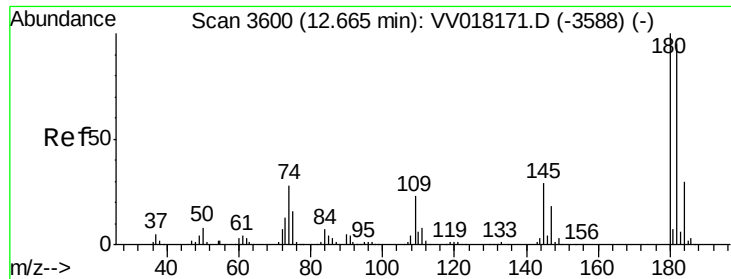
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#66
 1,2-Dibromo-3-chloropropane
 Concen: 2.320 ug/L
 RT: 12.45 min Scan# 3534
 Delta R.T. 0.00 min
 Lab File: VV018183.D
 Acq: 10 Sep 2020 16:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.6	69.7	104.5
157	91.8	88.2	132.4





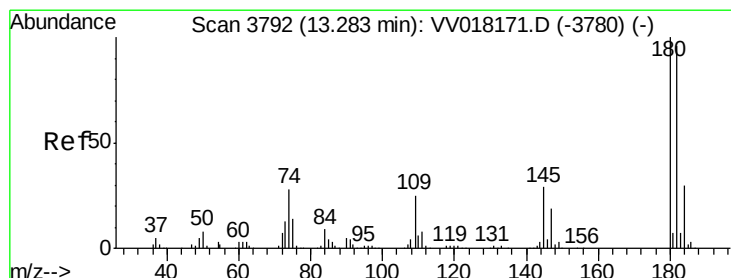
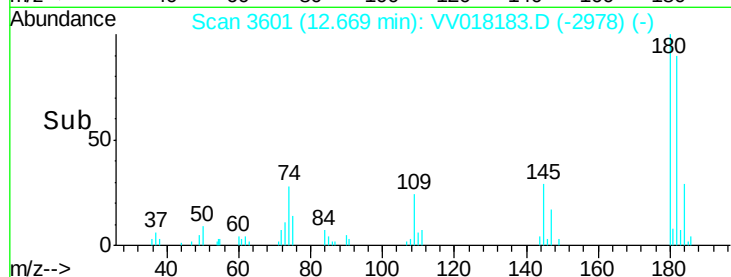
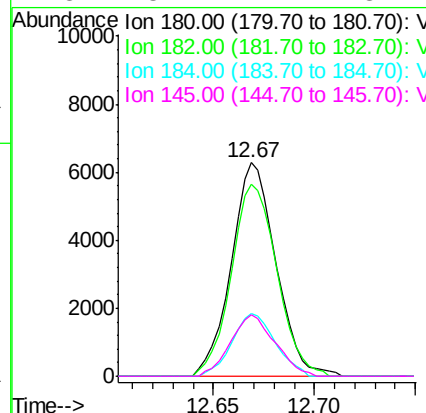
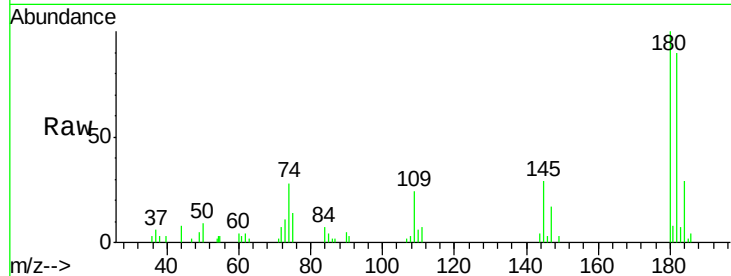
#67
 1,3,5-Trichlorobenzene
 Concen: 2.655 ug/L
 RT: 12.67 min Scan# 3601
 Delta R.T. 0.00 min
 Lab File: VV018183.D
 Acq: 10 Sep 2020 16:42

Instrument :
 MSVOA_V
 ClientSampled :
 MDL01

Tot Ion:	180	Resp:	9710
Ion	Ratio	Lower	Upper
180	100		
182	92.1	76.8	115.2
184	28.5	24.6	36.8
145	28.7	22.7	34.1

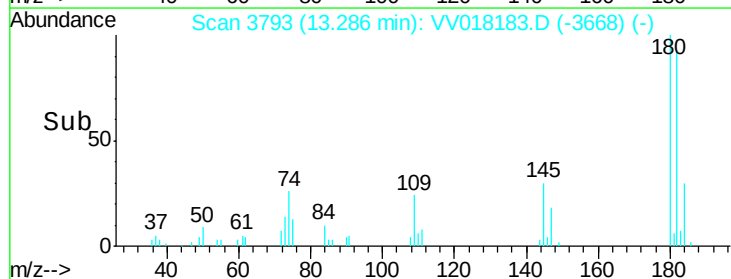
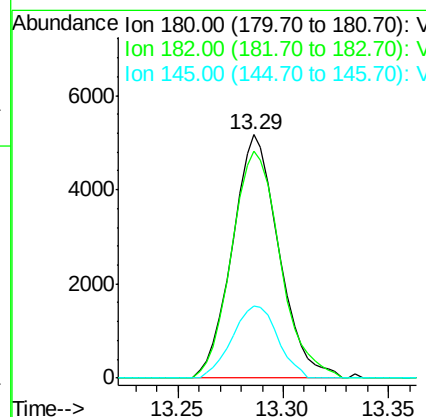
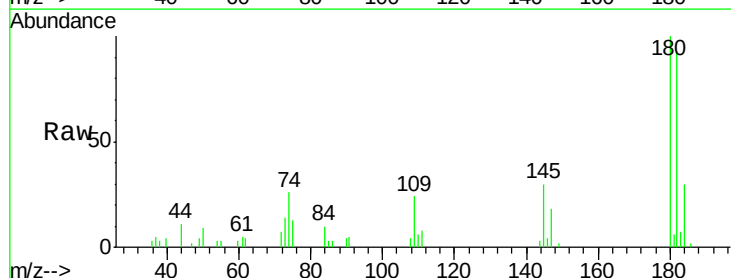
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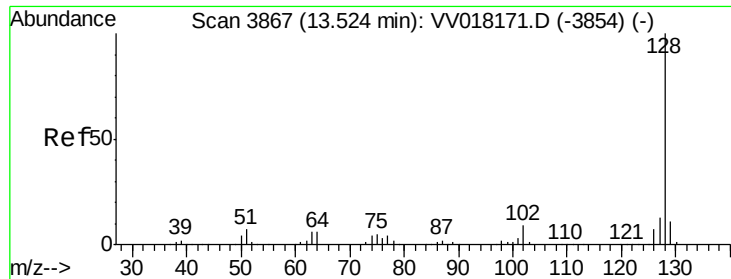
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#68
 1,2,4-trichlorobenzene
 Concen: 2.430 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV018183.D
 Acq: 10 Sep 2020 16:42

Tgt Ion:	180	Resp:	7915
Ion	Ratio	Lower	Upper
180	100		
182	97.4	77.4	116.2
145	29.0	23.2	34.8





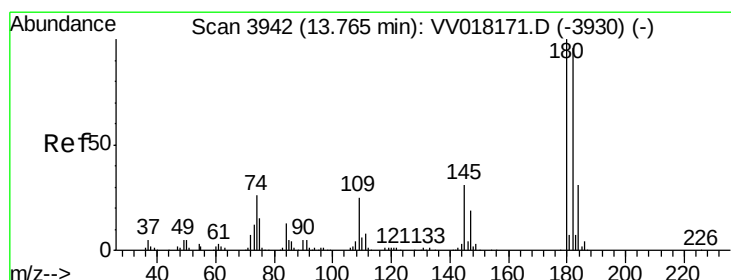
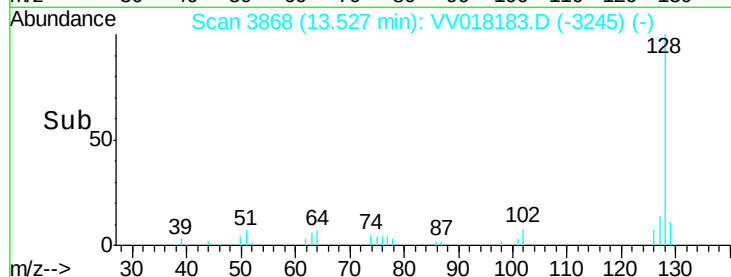
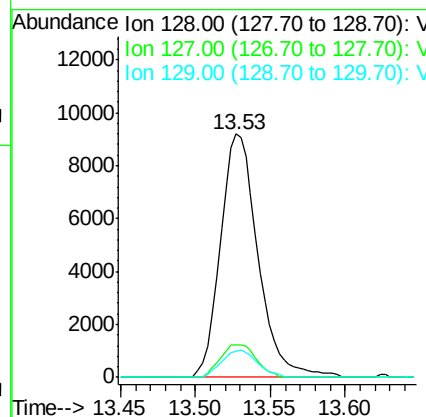
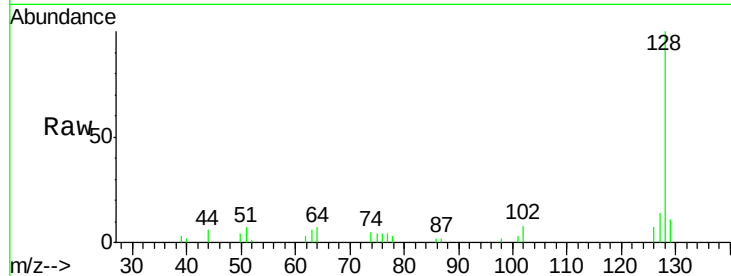
#69
Naphthalene
Concen: 1.947 ug/L
RT: 13.53 min Scan# 3868
Delta R.T. 0.00 min
Lab File: VV018183.D
Acq: 10 Sep 2020 16:42

Instrument :
MSVOA_V
ClientSampled :
MDL01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	15.8
129	10.5	8.6	13.0

Manual Integrations
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#70
1,2,3-Trichlorobenzene
Concen: 2.353 ug/L
RT: 13.77 min Scan# 3943
Delta R.T. 0.00 min
Lab File: VV018183.D
Acq: 10 Sep 2020 16:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.5	114.7
145	31.7	24.9	37.3

