

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112519\
 Data File : VU035827.D
 Acq On : 25 Nov 2019 16:23
 Operator : JC/SP
 Sample : K5992-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GARF8

Quant Time: Nov 26 01:22:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 26 01:03:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	259451	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	290741	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	157544	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	139770	4.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.40%
7) Chloroethane-d5	1.93	69	132654	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.59	63	265121	4.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.20%
20) 2-Butanone-d5	4.70	46	461080	58.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.56%
24) Chloroform-d	5.11	84	278892	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.75	65	150708	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	5.77	84	506216	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.73	67	178215	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.93	98	419575	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	8.21	79	65373	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.68	63	357723	61.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.38%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	159425	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	155970	4.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	81869	2.329	ug/L	98
3) Chloromethane	1.54	50	281768	6.510	ug/L	100
5) Vinyl chloride	1.62	62	214810	4.958	ug/L	96
6) Bromomethane	1.87	94	114311	5.134	ug/L	97
8) Chloroethane	1.95	64	119605	4.771	ug/L	94
9) Trichlorofluoromethane	2.16	101	461297	9.169	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	122870	4.300	ug/L	95
12) 1,1-Dichloroethene	2.60	96	152077	5.633	ug/L	91
13) Acetone	2.69	43	15902	2.308	ug/L	99
16) Methylene chloride	3.08	84	106550	3.267	ug/L	94
17) Methyl tert-butyl Ether	3.42	73	342136	5.238	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	177703	6.685	ug/L	97
22) cis-1,2-Dichloroethene	4.72	96	187937	6.344	ug/L	94
23) Bromochloromethane	5.02	128	27719	2.148	ug/L	95
25) Chloroform	5.13	83	264901	4.558	ug/L	98
27) 1,2-Dichloroethane	5.84	62	191389	5.007	ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	247589	5.274	ug/L	98

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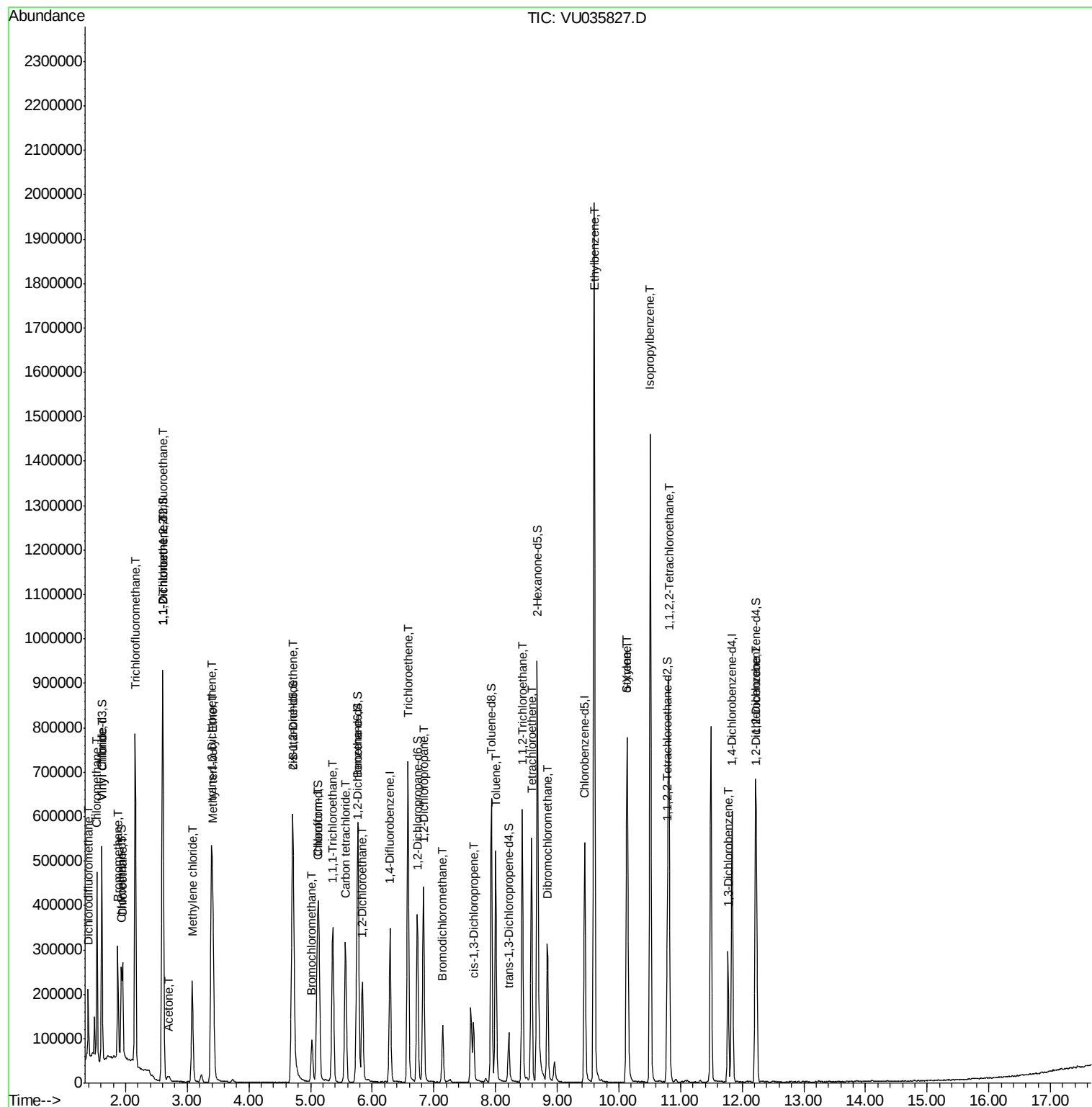
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Carbon tetrachloride	5.57	117	211592	5.204	ug/L	100
34) Trichloroethene	6.58	95	249498	8.385	ug/L	98
37) 1,2-Dichloropropane	6.83	63	172018	4.998	ug/L	99
38) Bromodichloromethane	7.14	83	83719	2.029	ug/L	100
39) cis-1,3-Dichloropropene	7.64	75	81755	1.835	ug/L	100
42) Toluene	8.00	91	372937	2.954	ug/L	97
45) 1,1,2-Trichloroethane	8.43	97	188063	8.385	ug/L	98
47) Tetrachloroethene	8.58	164	118866	5.250	ug/L	99
49) Dibromochloromethane	8.84	129	157488	5.952	ug/L	100
52) Ethylbenzene	9.60	91	1341258	10.275	ug/L	99
54) o-Xylene	10.13	106	131643	2.945	ug/L	95
55) Styrene	10.14	104	230822	3.113	ug/L	98
56) Isopropylbenzene	10.51	105	892316	7.557	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	149275	4.810	ug/L	98
62) 1,3-Dichlorobenzene	11.77	146	114667	2.028	ug/L	97
65) 1,2-Dichlorobenzene	12.24	146	107157	1.986	ug/L	98

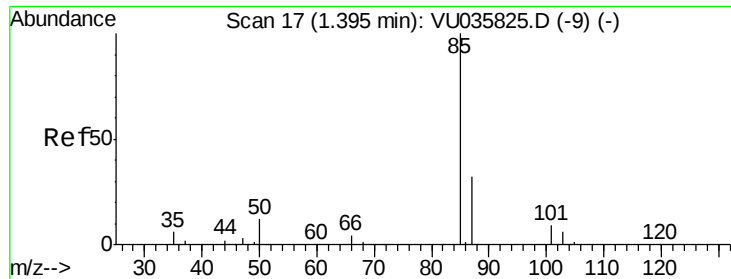
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 2.329 ug/L

RT: 1.39 min Scan# 17

Delta R.T. 0.00 min

Lab File: VU035827.D

Acq: 25 Nov 2019 16:23

Instrument :

MSVOA_U

ClientSampleId :

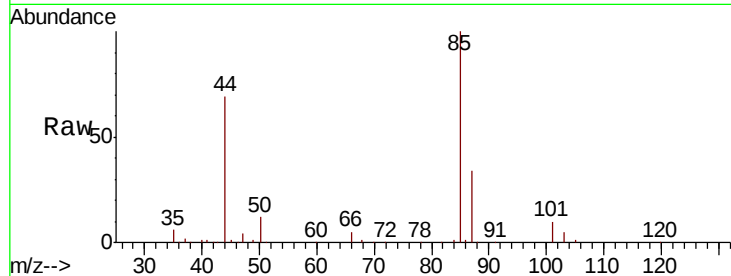
GARF8

Tot Ion: 85 Resp: 81869

Ion Ratio Lower Upper

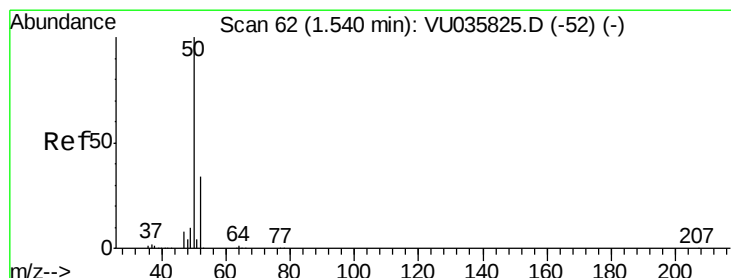
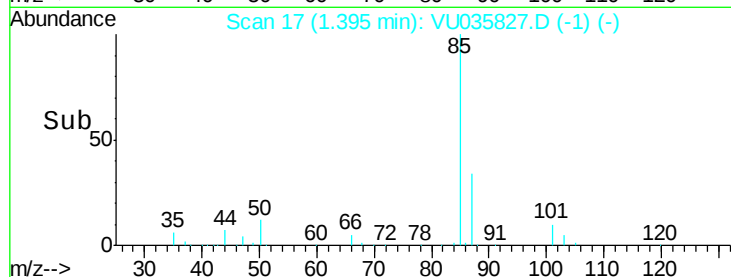
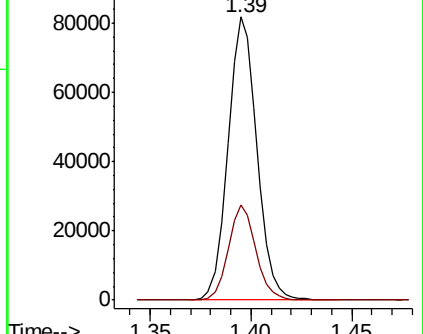
85 100

87 31.8 26.2 39.2



Abundance Ion 85.00 (84.70 to 85.70): VU035827.D (-9) (-)

Ion 87.00 (86.70 to 87.70): VU035827.D (-9) (-)



#3

Chloromethane

Concen: 6.510 ug/L

RT: 1.54 min Scan# 61

Delta R.T. -0.00 min

Lab File: VU035827.D

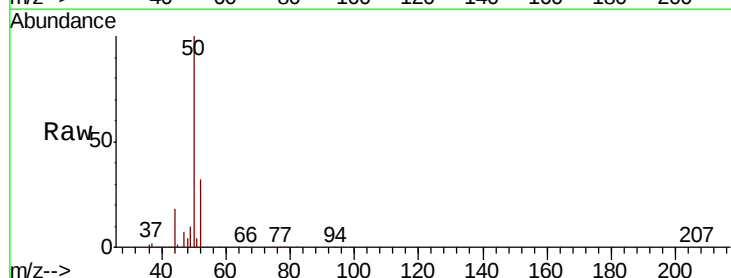
Acq: 25 Nov 2019 16:23

Tgt Ion: 50 Resp: 281768

Ion Ratio Lower Upper

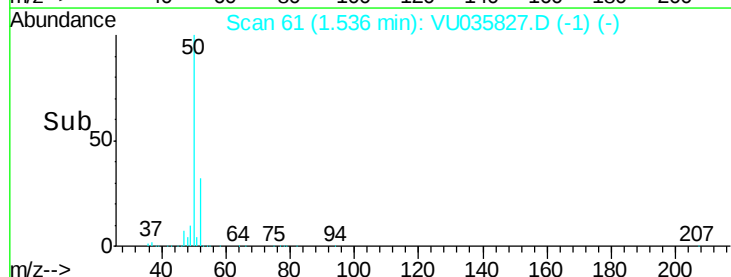
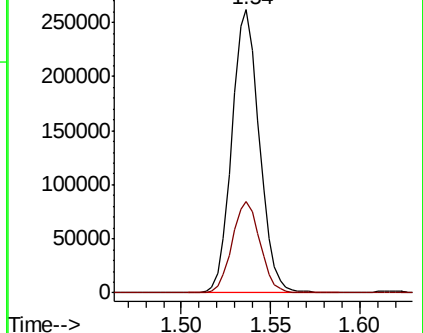
50 100

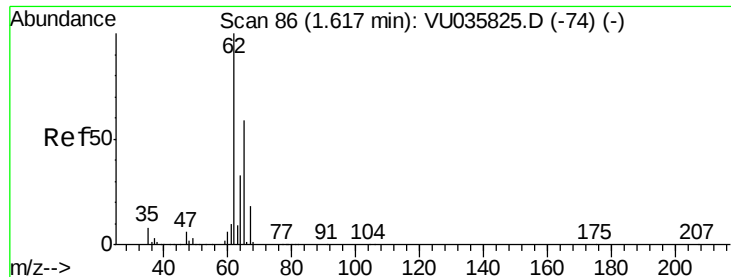
52 32.4 22.7 42.3



Abundance Ion 50.05 (49.75 to 50.75): VU035827.D (-52) (-)

Ion 52.05 (51.75 to 52.75): VU035827.D (-52) (-)





#5

Vinyl chloride

Concen: 4.958 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU035827.D

Acq: 25 Nov 2019 16:23

Instrument :

MSVOA_U

ClientSampleId :

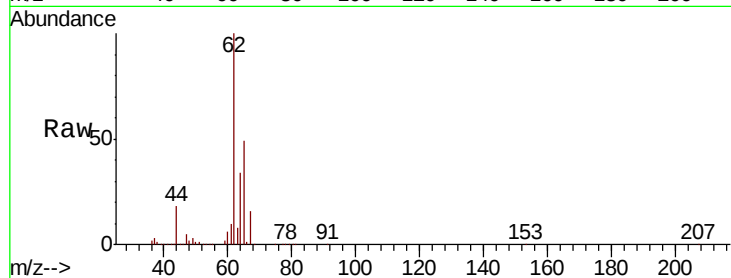
GARF8

Tot Ion: 62 Resp: 214810

Ion Ratio Lower Upper

62 100

64 34.2 22.5 41.9



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0

1.62

200000

150000

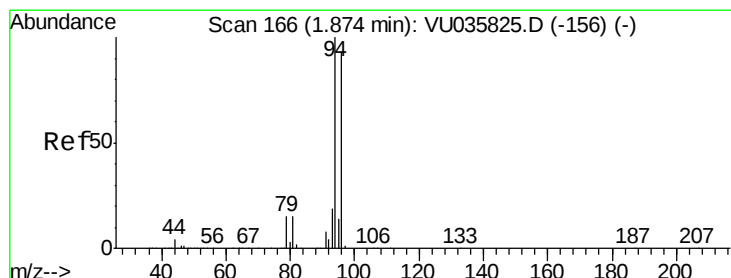
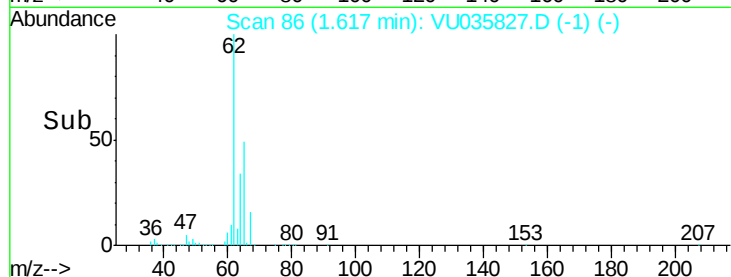
100000

50000

0

Time-->

1.55 1.60 1.65 1.70



#6

Bromomethane

Concen: 5.134 ug/L

RT: 1.87 min Scan# 166

Delta R.T. 0.00 min

Lab File: VU035827.D

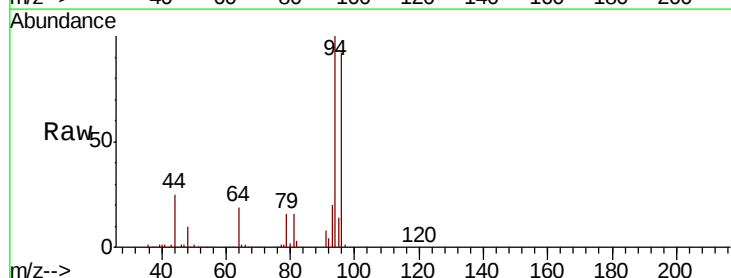
Acq: 25 Nov 2019 16:23

Tgt Ion: 94 Resp: 114311

Ion Ratio Lower Upper

94 100

96 92.0 66.5 123.5



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0

1.87

100000

80000

60000

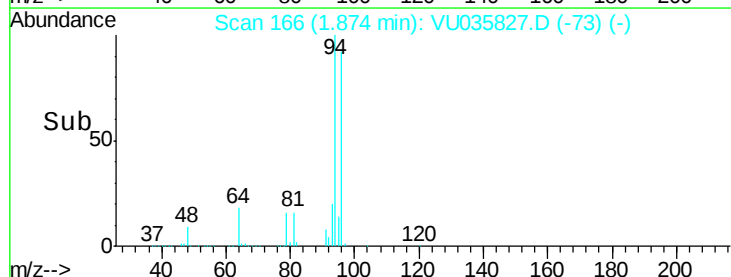
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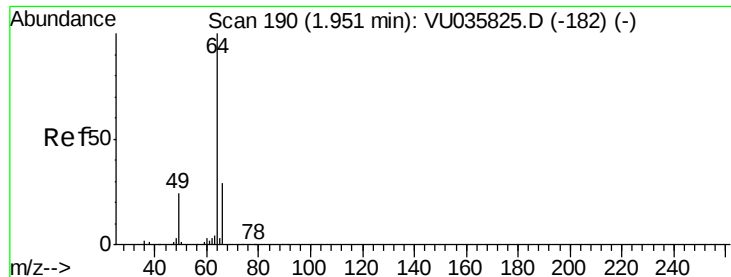
20000

0

Time-->

1.80 1.85 1.90 1.95





#8

Chloroethane

Concen: 4.771 ug/L

RT: 1.95 min Scan# 190

Delta R.T. 0.00 min

Lab File: VU035827.D

Acq: 25 Nov 2019 16:23

Instrument :

MSVOA_U

ClientSampleId :

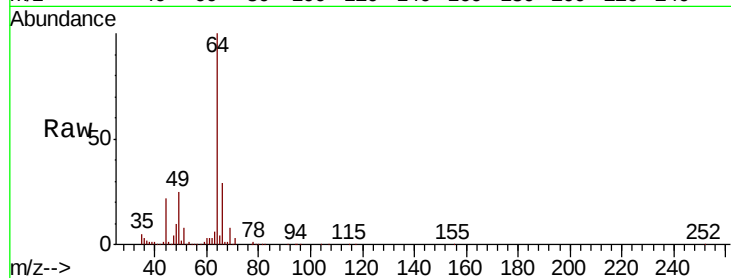
GARF8

Tot Ion: 64 Resp: 119605

Ion Ratio Lower Upper

64 100

66 28.7 22.3 41.5



Abundance Ion 64.10 (63.80 to 64.80): VU035827.D (-182) (-)

Ion 66.05 (65.75 to 66.75): VU035827.D (-182) (-)

1.95

120000

100000

80000

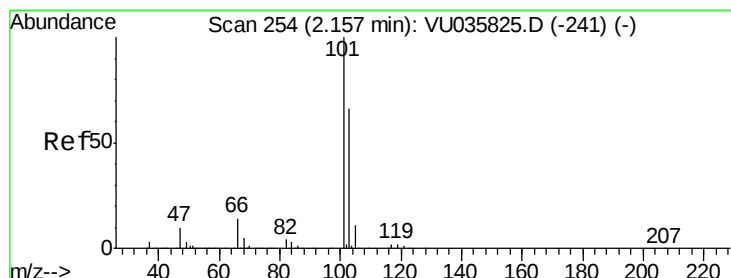
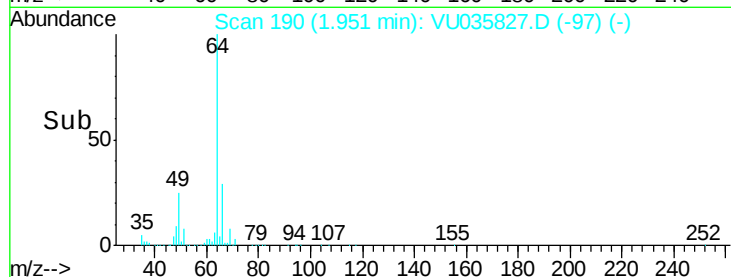
60000

40000

20000

0

Time--> 1.90 1.95 2.00



#9

Trichlorofluoromethane

Concen: 9.169 ug/L

RT: 2.16 min Scan# 254

Delta R.T. 0.00 min

Lab File: VU035827.D

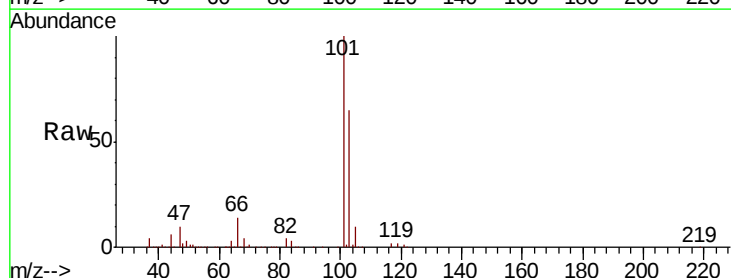
Acq: 25 Nov 2019 16:23

Tgt Ion:101 Resp: 461297

Ion Ratio Lower Upper

101 100

103 64.9 49.8 74.6



Abundance Ion 101.00 (100.70 to 101.70): VU035827.D (-241) (-)

Ion 103.00 (102.70 to 103.70): VU035827.D (-241) (-)

2.16

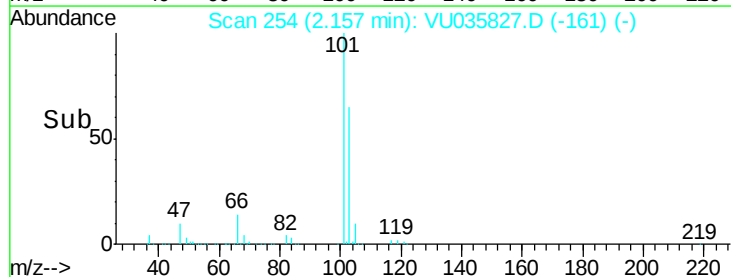
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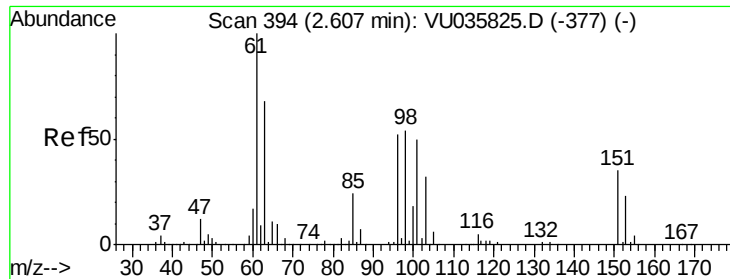
200000

100000

0

Time--> 2.10 2.15 2.20 2.25





#10

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

Concen: 4.300 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU035827.D

Acq: 25 Nov 2019 16:23

Instrument :

MSVOA_U

ClientSampled :

GARF8

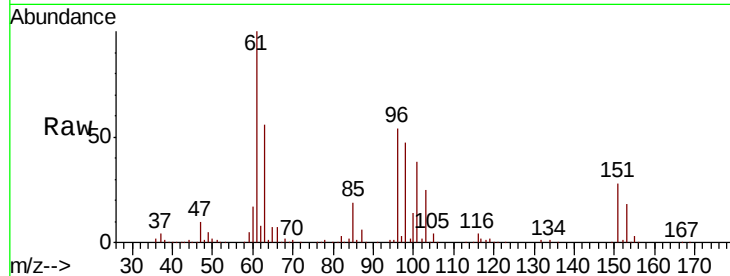
Tot Ion:101 Resp: 122870

Ion Ratio Lower Upper

101 100

85 47.2 38.1 57.1

151 72.0 52.0 78.0

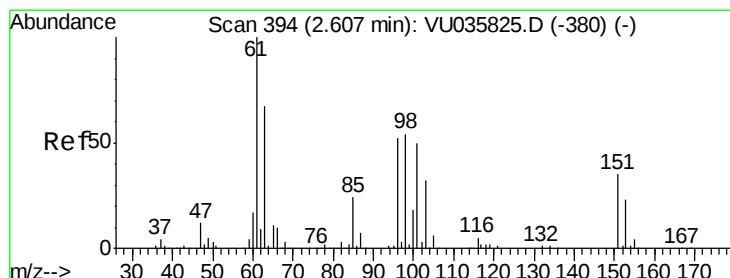
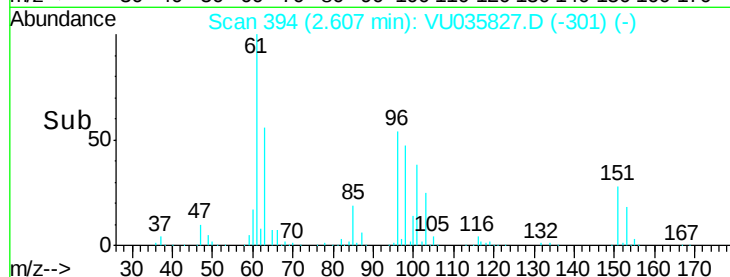


Abundance Ion 101.00 (100.70 to 101.70): VU035827.D (-301) (-)

Ion 85.00 (84.70 to 85.70): VU035827.D (-301) (-)

Ion 151.00 (150.70 to 151.70): VU035827.D (-301) (-)

Time-->



#12

1,1-Dichloroethene

Concen: 5.633 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU035827.D

Acq: 25 Nov 2019 16:23

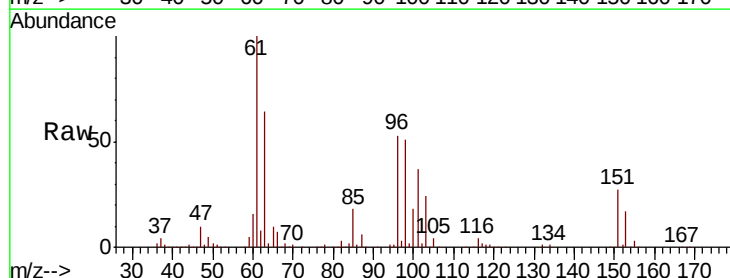
Tgt Ion: 96 Resp: 152077

Ion Ratio Lower Upper

96 100

61 187.5 139.3 258.7

63 120.3 93.7 174.1

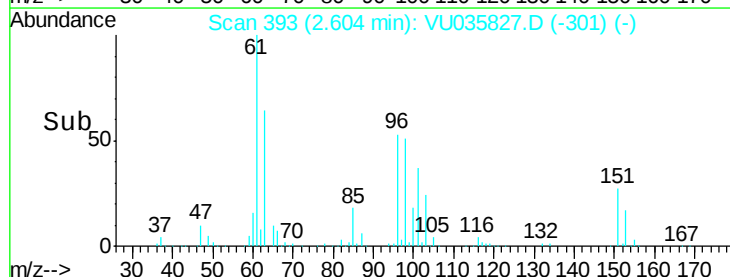


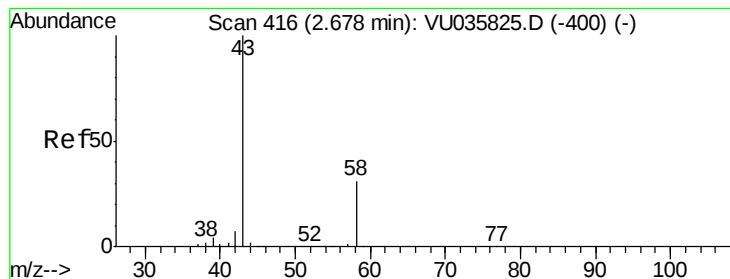
Abundance Ion 96.00 (95.70 to 96.70): VU035827.D (-301) (-)

Ion 61.05 (60.75 to 61.75): VU035827.D (-301) (-)

Ion 63.00 (62.70 to 63.70): VU035827.D (-301) (-)

Time-->





#13

Acetone

Concen: 2.308 ug/L

RT: 2.69 min Scan# 420

Delta R.T. 0.01 min

Lab File: VU035827.D

Acq: 25 Nov 2019 16:23

Instrument :

MSVOA_U

ClientSampled :

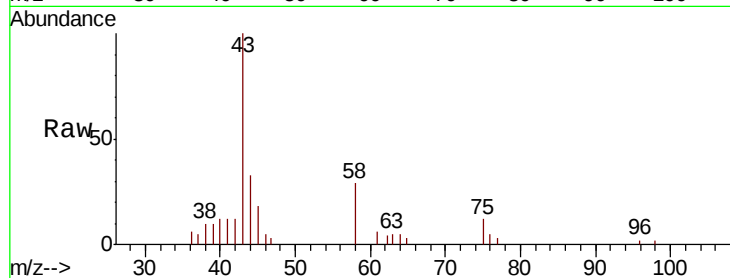
GARF8

Tot Ion: 43 Resp: 15902

Ion Ratio Lower Upper

43 100

58 30.9 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU035827.D (-423) (-)

Ion 58.05 (57.75 to 58.75): VU035827.D (-423) (-)

2.69

5000

4000

3000

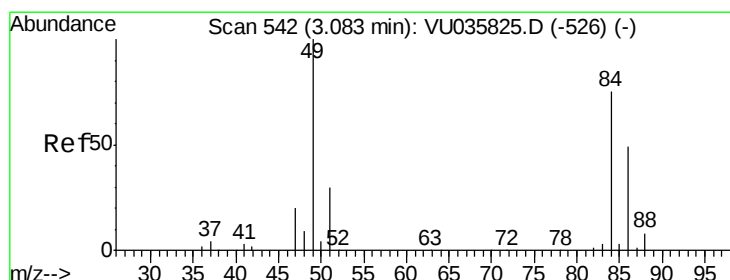
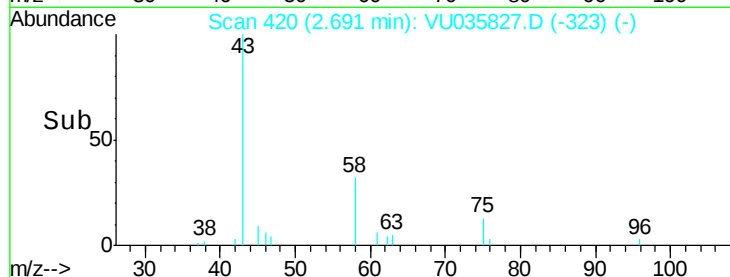
2000

1000

0

Time-->

2.60 2.70 2.80



#16

Methylene chloride

Concen: 3.267 ug/L

RT: 3.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: VU035827.D

Acq: 25 Nov 2019 16:23

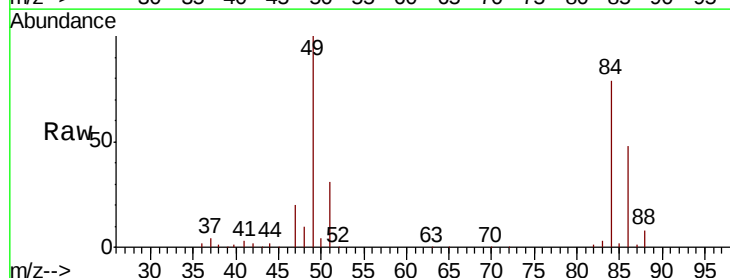
Tgt Ion: 84 Resp: 106550

Ion Ratio Lower Upper

84 100

86 60.7 44.4 82.5

49 125.9 94.0 174.6



Abundance Ion 84.05 (83.75 to 84.75): VU035827.D (-449) (-)

Ion 86.00 (85.70 to 86.70): VU035827.D (-449) (-)

Ion 49.10 (48.80 to 49.80): VU035827.D (-449) (-)

100000

80000

60000

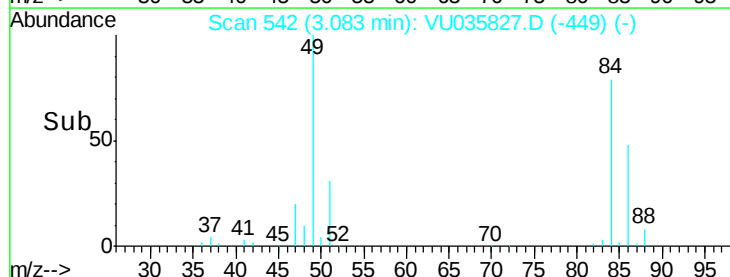
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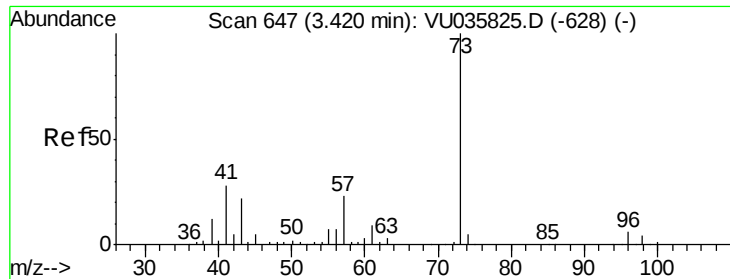
20000

0

Time-->

3.00 3.05 3.10 3.15

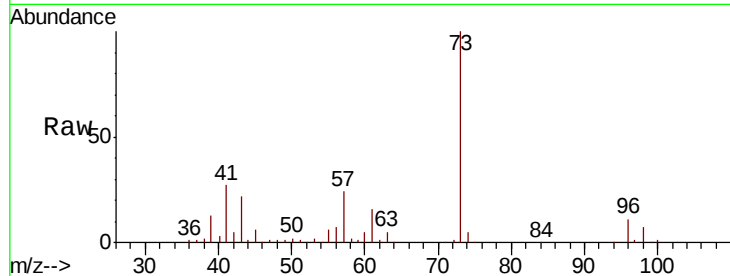




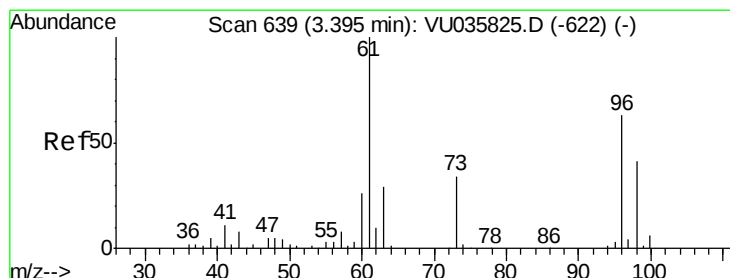
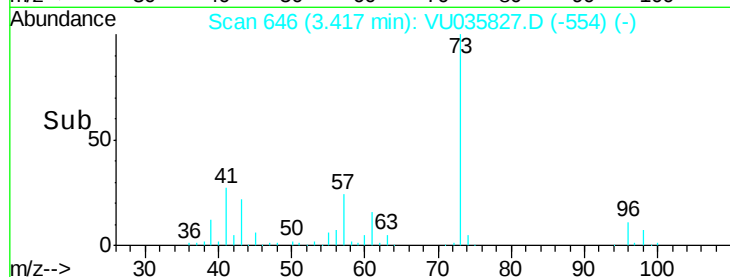
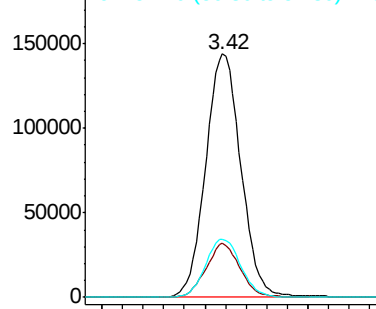
#17
Methvl tert-butvl Ether
Concen: 5.238 ug/L
RT: 3.42 min Scan# 646
Delta R.T. -0.00 min
Lab File: VU035827.D
Acq: 25 Nov 2019 16:23

Instrument :
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ClientSampleId :
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Tot Ion:	73	Resp:	342136
Ion	Ratio	Lower	Upper
73	100		
43	21.3	17.4	26.2
57	24.3	19.4	29.0

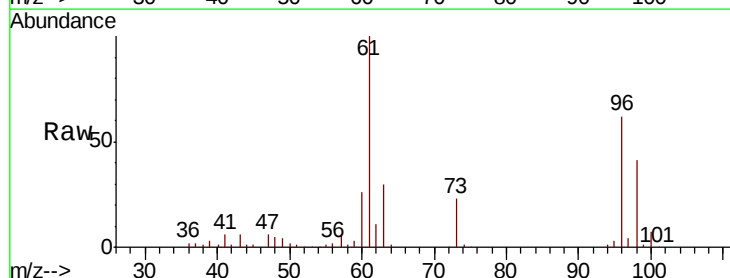


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

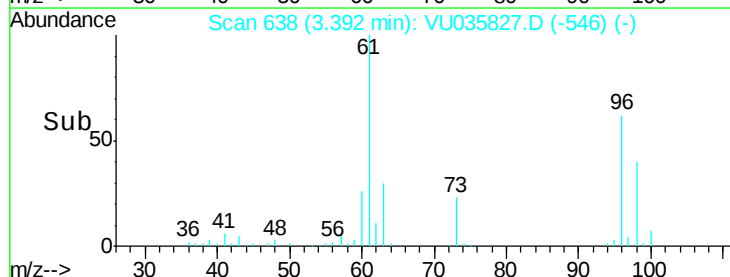
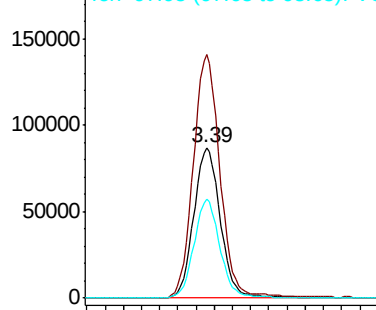


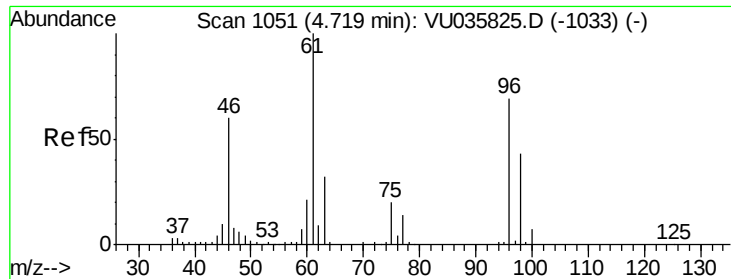
#18
trans-1,2-Dichloroethene
Concen: 6.685 ug/L
RT: 3.39 min Scan# 638
Delta R.T. -0.00 min
Lab File: VU035827.D
Acq: 25 Nov 2019 16:23

Tgt Ion:	96	Resp:	177703
Ion	Ratio	Lower	Upper
96	100		
61	161.9	111.1	206.3
98	65.6	43.1	80.1



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

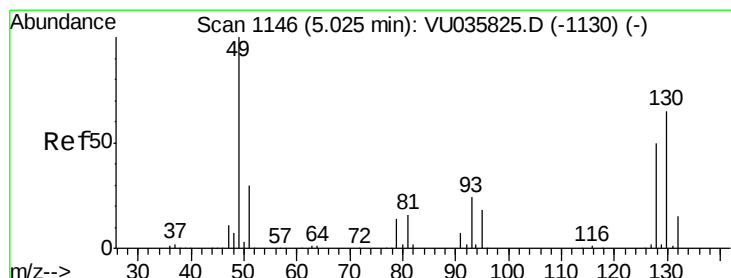
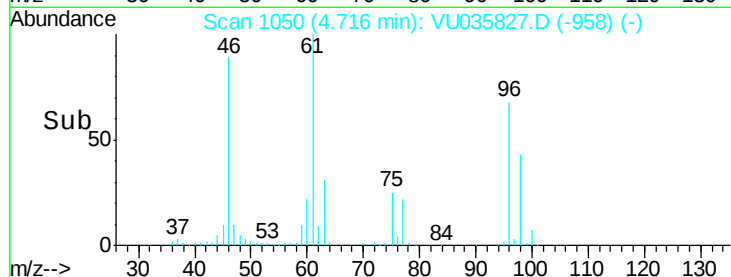
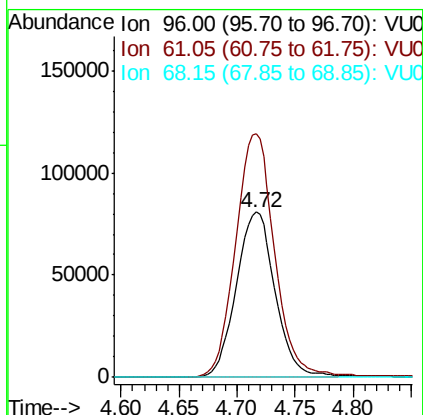
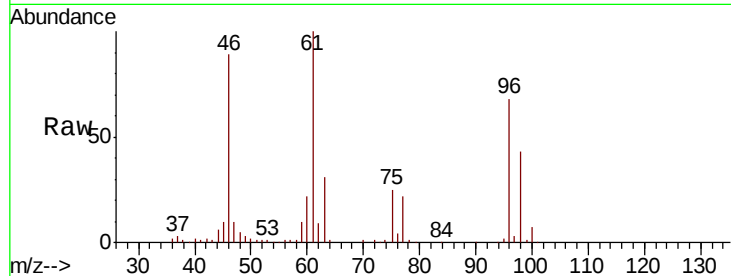




#22
 cis-1,2-Dichloroethene
 Concen: 6.344 ug/L
 RT: 4.72 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VU035827.D
 Acq: 25 Nov 2019 16:23

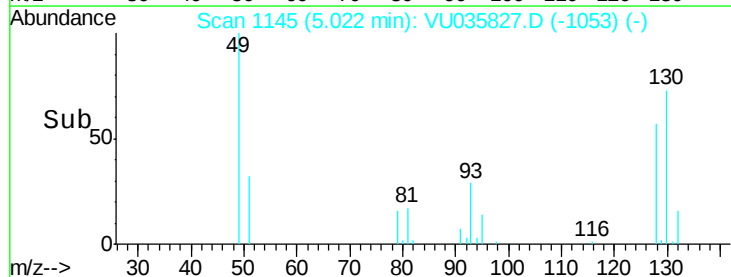
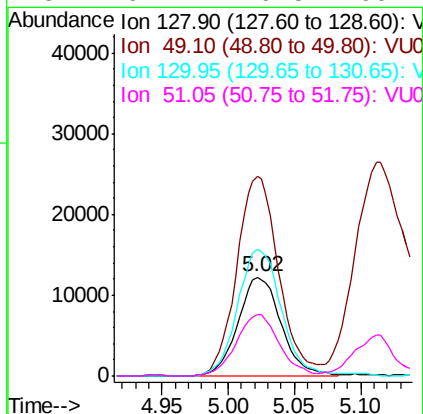
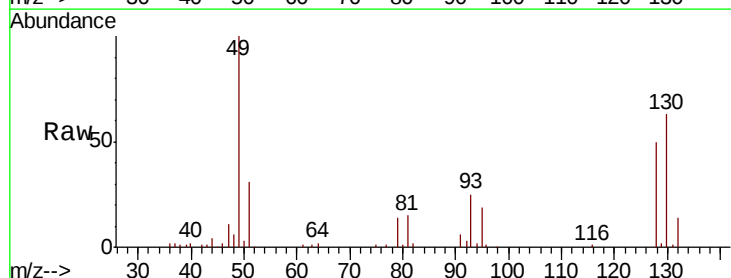
Instrument :
 MSVOA_U
 ClientSampled :
 GARF8

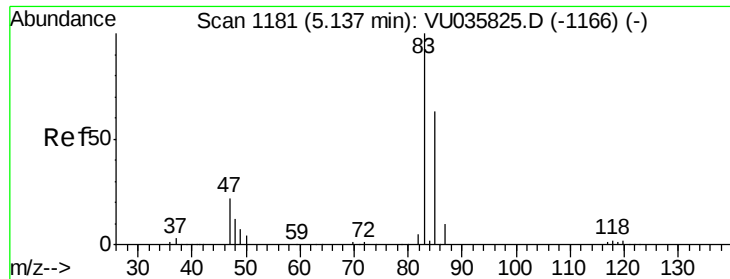
Tot Ion: 96 Resp: 187937
 Ion Ratio Lower Upper
 96 100
 61 147.3 98.1 182.1
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 2.148 ug/L
 RT: 5.02 min Scan# 1145
 Delta R.T. -0.00 min
 Lab File: VU035827.D
 Acq: 25 Nov 2019 16:23

Tgt Ion: 128 Resp: 27719
 Ion Ratio Lower Upper
 128 100
 49 202.0 133.8 248.6
 130 128.1 91.1 169.1
 51 62.4 46.5 69.7

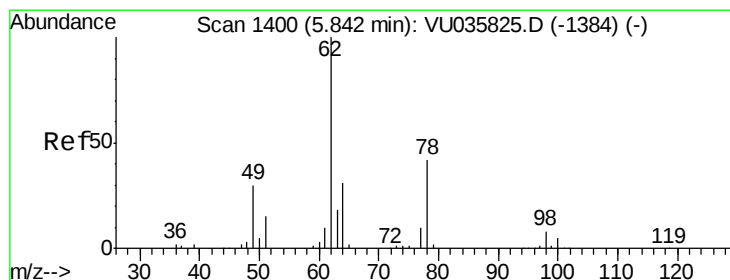
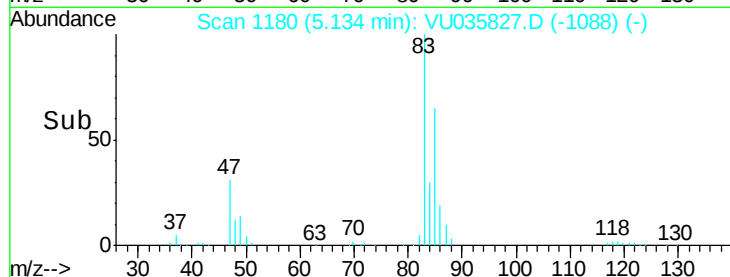
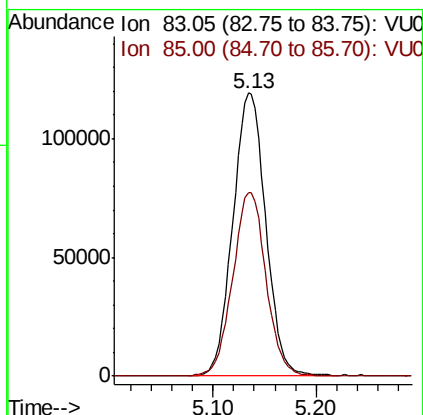
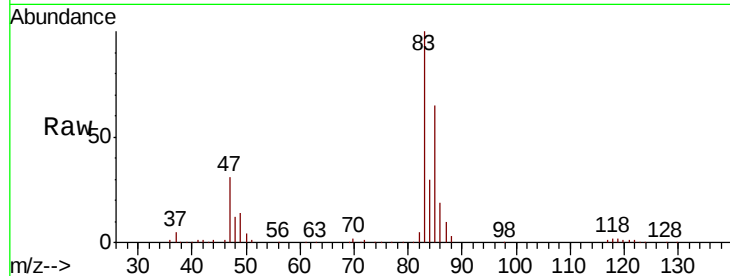




#25
Chloroform
Concen: 4.558 ug/L
RT: 5.13 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VU035827.D
Acq: 25 Nov 2019 16:23

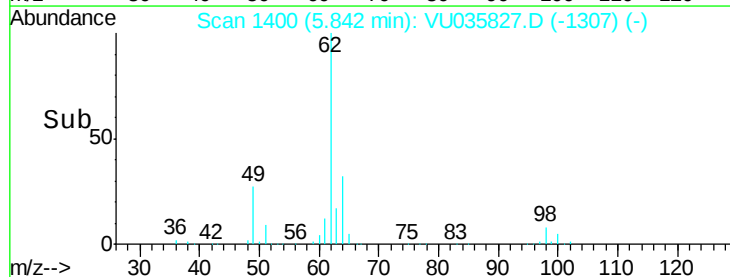
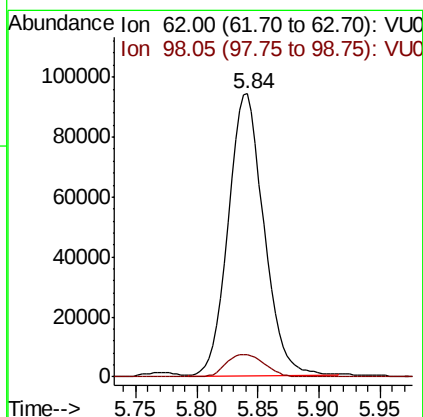
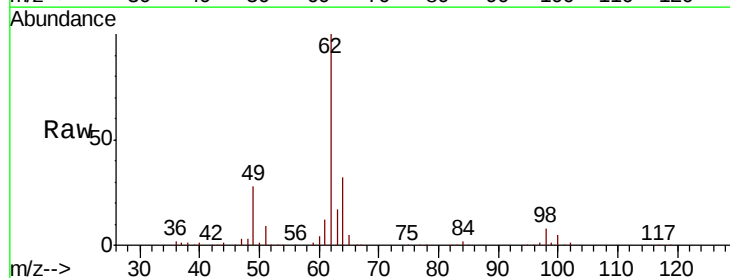
Instrument :
MSVOA_U
ClientSampleId :
GARF8

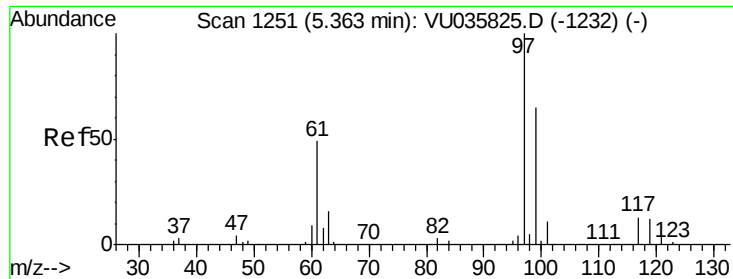
Tot Ion: 83 Resp: 264901
Ion Ratio Lower Upper
83 100
85 65.1 44.6 82.8



#27
1,2-Dichloroethane
Concen: 5.007 ug/L
RT: 5.84 min Scan# 1400
Delta R.T. 0.00 min
Lab File: VU035827.D
Acq: 25 Nov 2019 16:23

Tgt Ion: 62 Resp: 191389
Ion Ratio Lower Upper
62 100
98 7.8 6.2 9.4

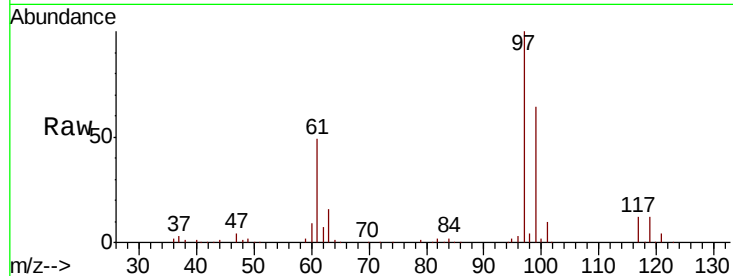




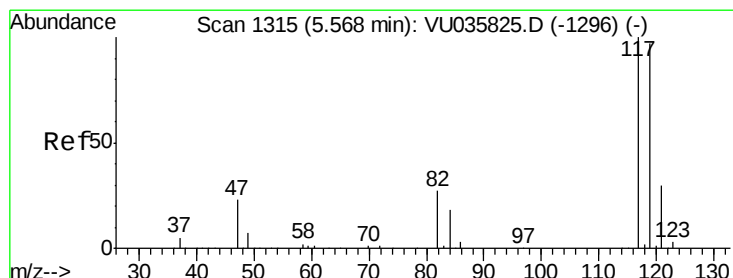
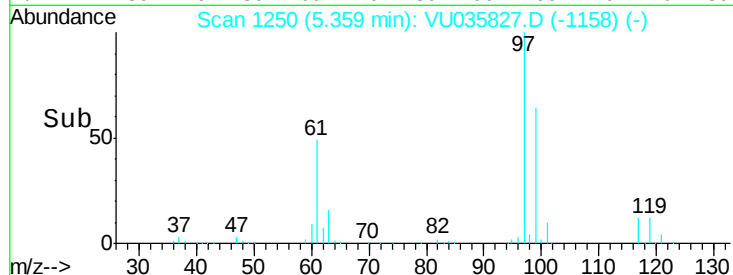
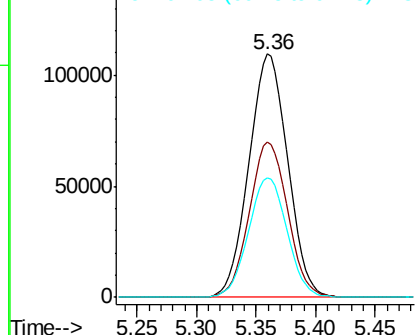
#29
 1,1,1-Trichloroethane
 Concen: 5.274 ug/L
 RT: 5.36 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: VU035827.D
 Acq: 25 Nov 2019 16:23

Instrument :
 MSVOA_U
 ClientSampled :
 GARF8

Tot Ion: 97 Resp: 247589
 Ion Ratio Lower Upper
 97 100
 99 63.0 51.9 77.9
 61 49.0 40.3 60.5

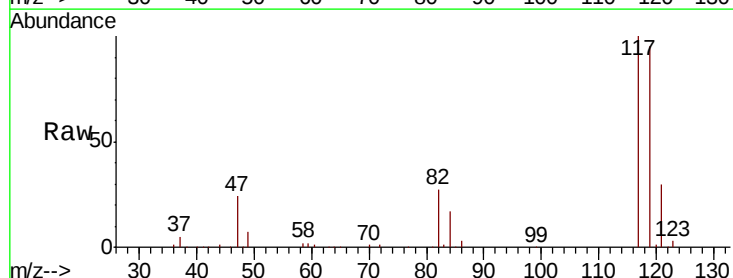


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 61.05 (60.75 to 61.75): VU0

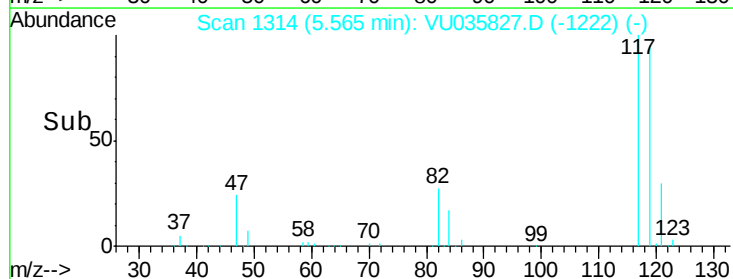
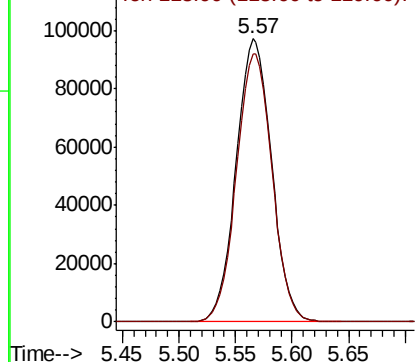


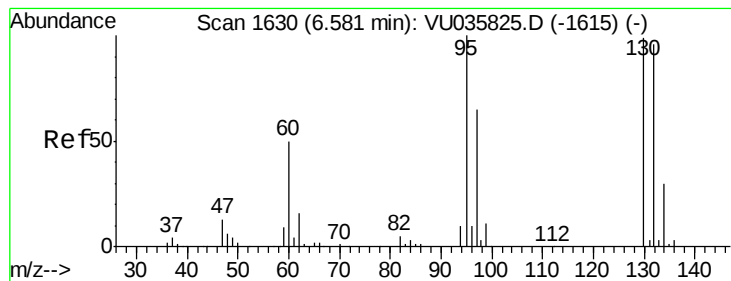
#31
 Carbon tetrachloride
 Concen: 5.204 ug/L
 RT: 5.57 min Scan# 1314
 Delta R.T. -0.00 min
 Lab File: VU035827.D
 Acq: 25 Nov 2019 16:23

Tgt Ion: 117 Resp: 211592
 Ion Ratio Lower Upper
 117 100
 119 95.2 76.0 114.0



Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 118.90 (118.60 to 119.60): V





#34

Trichloroethene

Concen: 8.385 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU035827.D

Acq: 25 Nov 2019 16:23

Instrument :

MSVOA_U

ClientSampleId :

GARF8

Tot Ion: 95 Resp: 249498

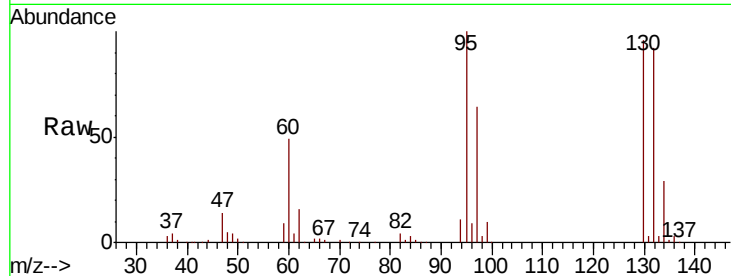
Ion Ratio Lower Upper

95 100

97 64.3 45.1 83.9

132 91.8 61.9 114.9

130 96.5 66.3 123.1

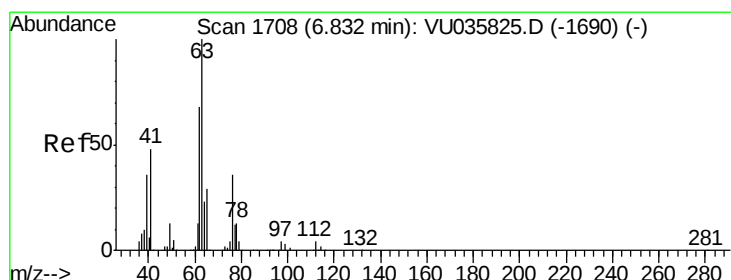
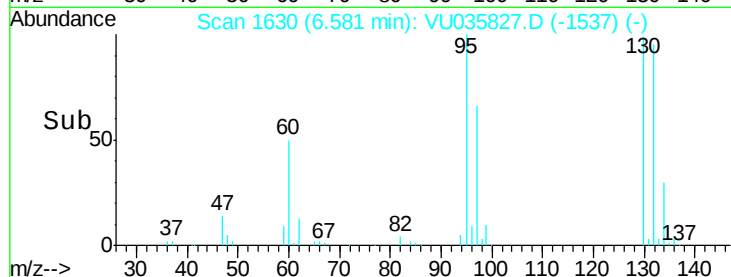
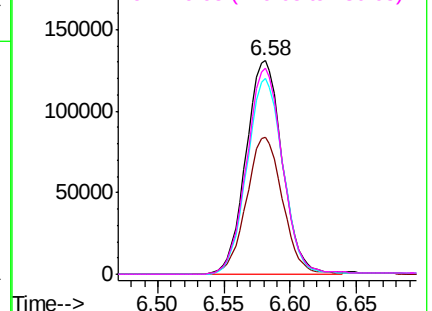


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#37

1,2-Dichloropropane

Concen: 4.998 ug/L

RT: 6.83 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VU035827.D

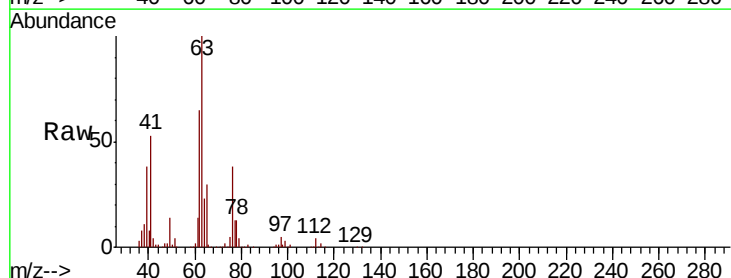
Acq: 25 Nov 2019 16:23

Tgt Ion: 63 Resp: 172018

Ion Ratio Lower Upper

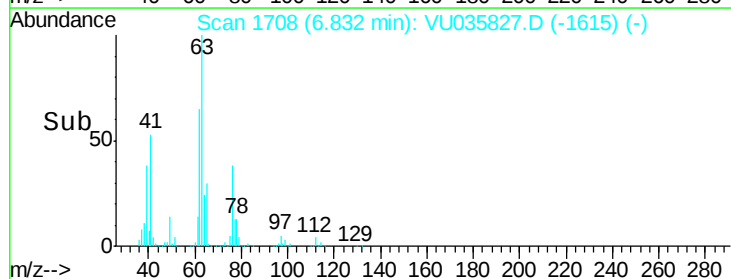
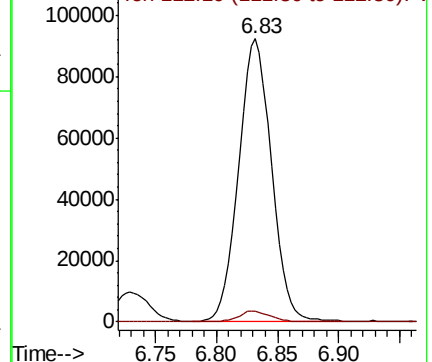
63 100

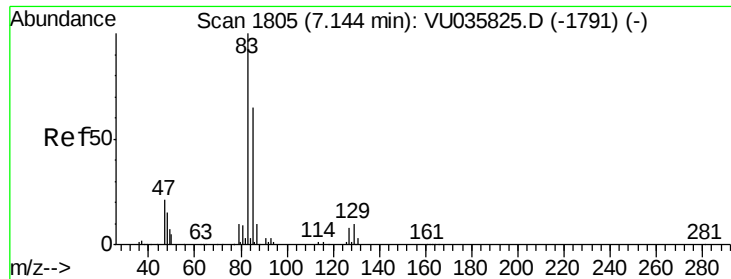
112 3.7 2.7 4.1



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V

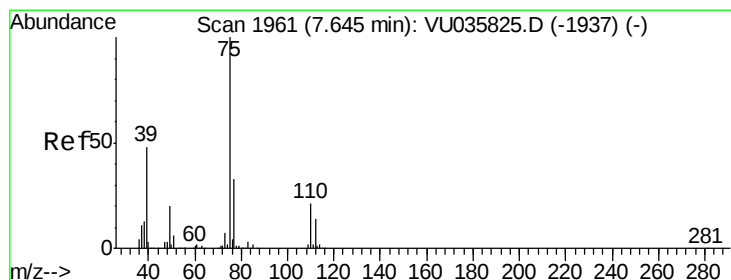
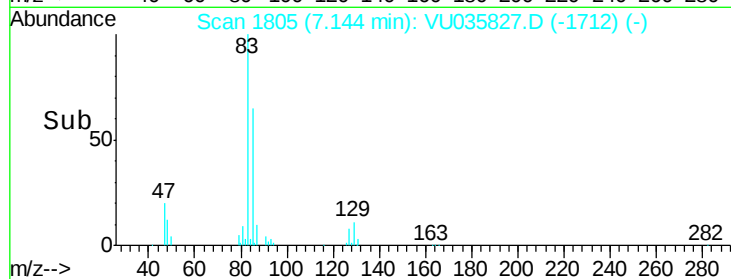
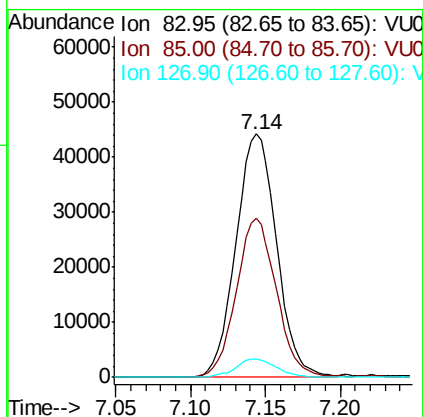
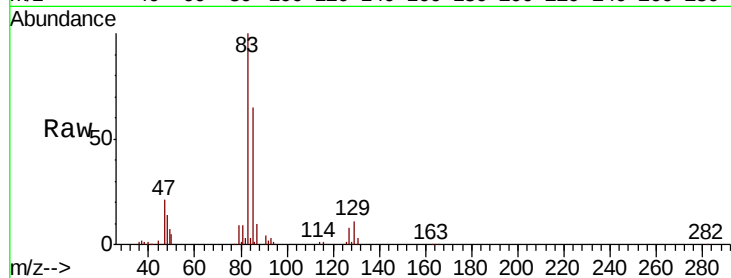




#38
 Bromodichloromethane
 Concen: 2.029 ug/L
 RT: 7.14 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VU035827.D
 Acq: 25 Nov 2019 16:23

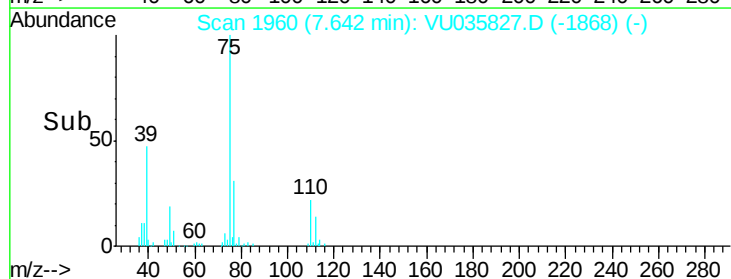
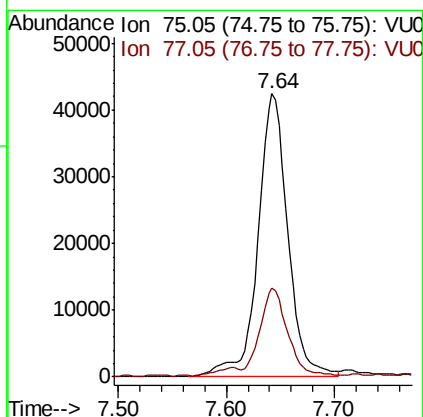
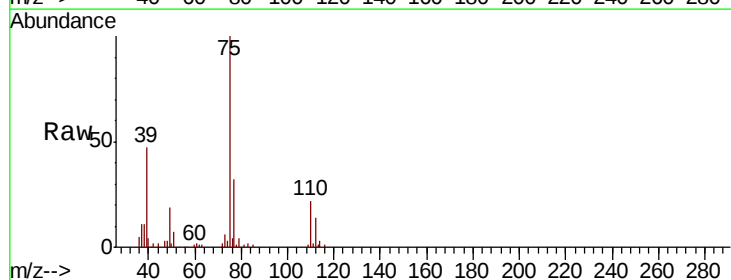
Instrument :
 MSVOA_U
 ClientSampleId :
 GARF8

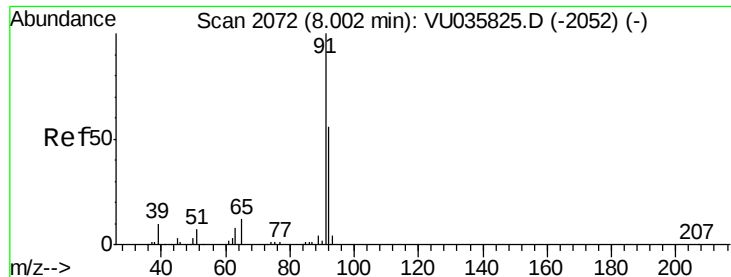
Tot Ion: 83 Resp: 83719
 Ion Ratio Lower Upper
 83 100
 85 65.2 45.6 84.8
 127 7.5 6.0 9.0



#39
 cis-1,3-Dichloropropene
 Concen: 1.835 ug/L
 RT: 7.64 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: VU035827.D
 Acq: 25 Nov 2019 16:23

Tgt Ion: 75 Resp: 81755
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.1 41.1





#42

Toluene

Concen: 2.954 ug/L

RT: 8.00 min Scan# 2072

Delta R.T. 0.00 min

Lab File: VU035827.D

Acq: 25 Nov 2019 16:23

Instrument :

MSVOA_U

ClientSampleId :

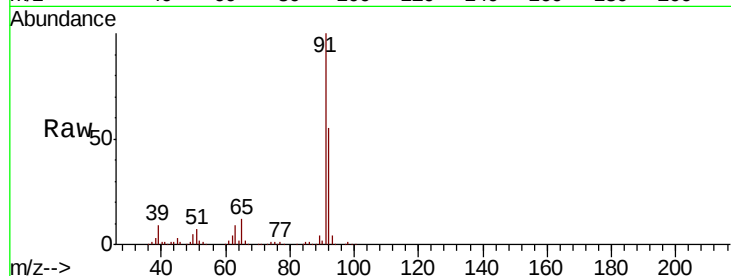
GARF8

Tot Ion: 91 Resp: 372937

Ion Ratio Lower Upper

91 100

92 55.2 40.4 75.0



Abundance Ion 91.15 (90.85 to 91.85): VU035827.D (-1979) (-)

Ion 92.15 (91.85 to 92.85): VU035827.D (-1979) (-)

8.00

250000

200000

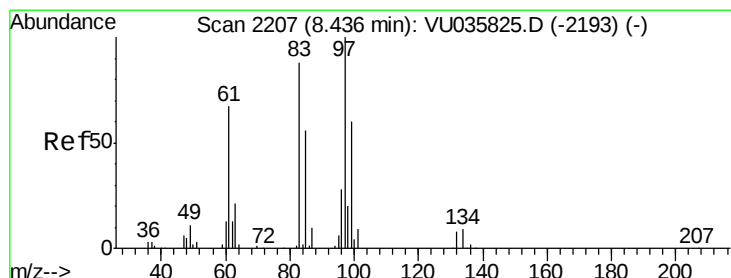
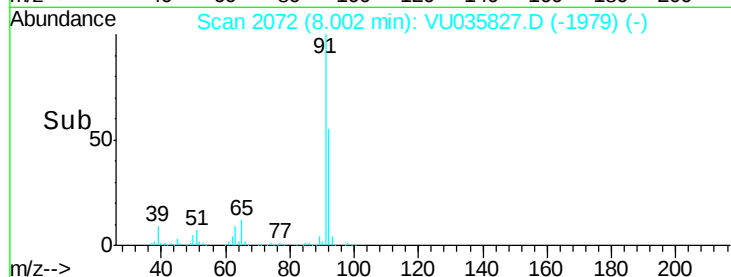
150000

100000

50000

0

Time--> 7.90 7.95 8.00 8.05 8.10



#45

1,1,2-Trichloroethane

Concen: 8.385 ug/L

RT: 8.43 min Scan# 2206

Delta R.T. -0.00 min

Lab File: VU035827.D

Acq: 25 Nov 2019 16:23

Tgt Ion: 97 Resp: 188063

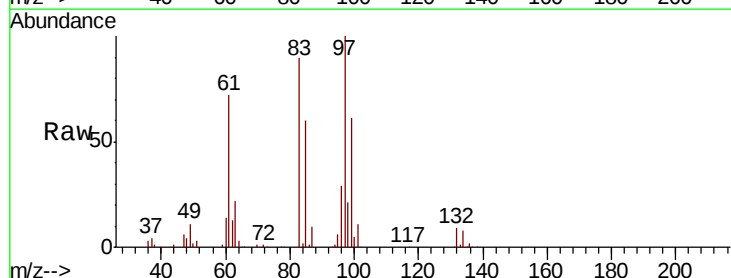
Ion Ratio Lower Upper

97 100

99 61.0 44.2 82.0

83 89.9 62.2 115.6

85 60.0 41.5 77.1



Abundance Ion 96.95 (96.65 to 97.65): VU035827.D (-2114) (-)

Ion 99.05 (98.75 to 99.75): VU035827.D (-2114) (-)

Ion 82.95 (82.65 to 83.65): VU035827.D (-2114) (-)

Ion 85.00 (84.70 to 85.70): VU035827.D (-2114) (-)

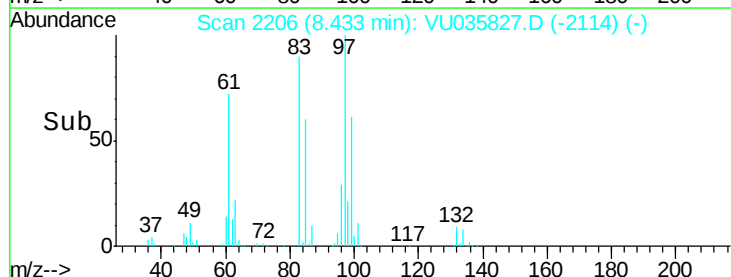
150000

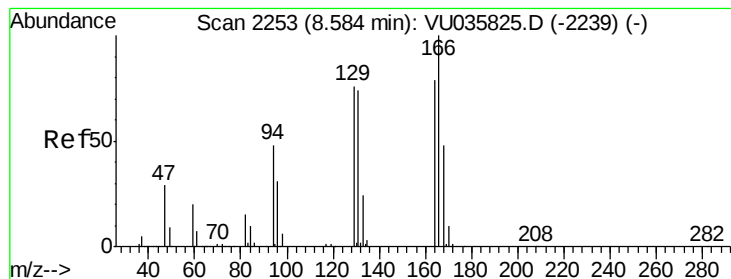
100000

50000

0

Time--> 8.35 8.40 8.45 8.50





#47

Tetrachloroethene

Concen: 5.250 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VU035827.D

Acq: 25 Nov 2019 16:23

Instrument :
MSVOA_U
ClientSampleId :
GARF8

Tot Ion:164 Resp: 118866

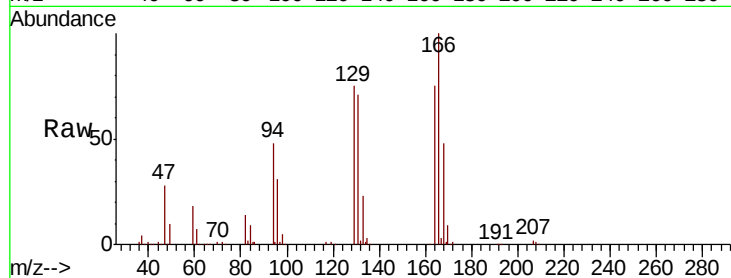
Ion Ratio Lower Upper

164 100

129 99.3 68.8 127.8

131 95.1 67.3 124.9

166 133.1 91.6 170.2

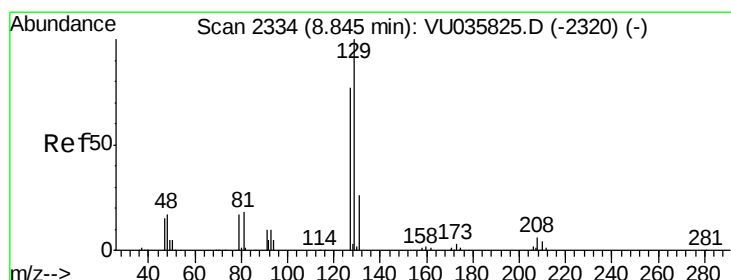
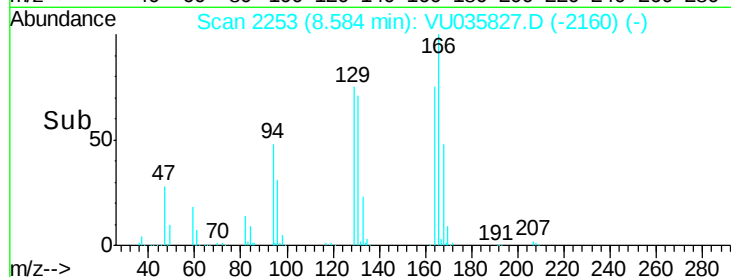
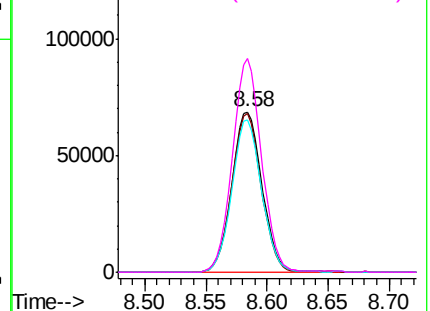


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#49

Dibromochloromethane

Concen: 5.952 ug/L

RT: 8.84 min Scan# 2333

Delta R.T. -0.00 min

Lab File: VU035827.D

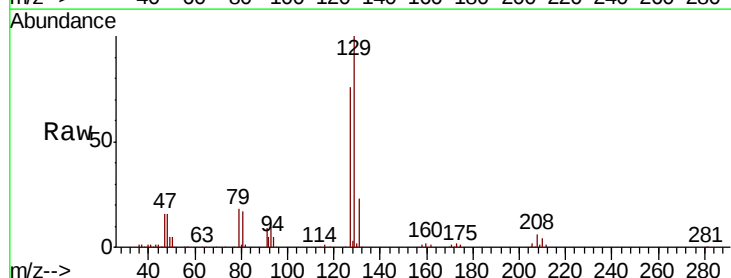
Acq: 25 Nov 2019 16:23

Tgt Ion:129 Resp: 157488

Ion Ratio Lower Upper

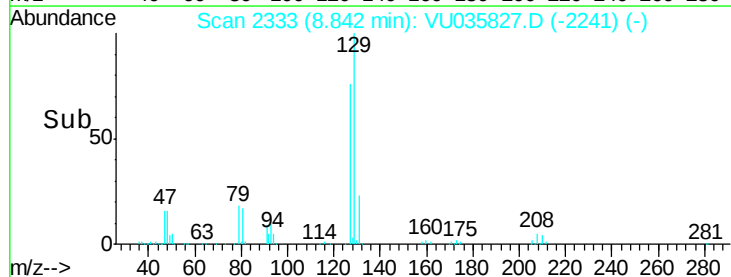
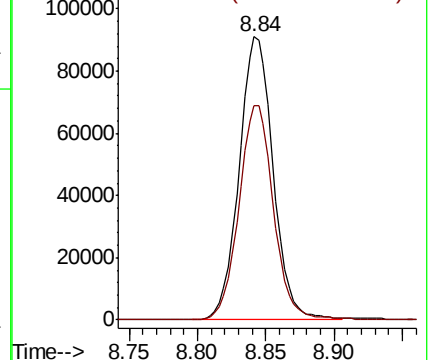
129 100

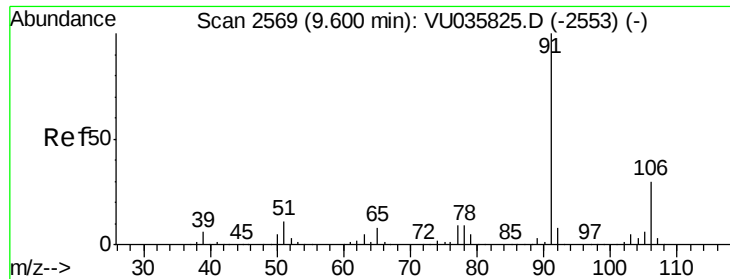
127 75.9 53.1 98.5



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V





#52

Ethylbenzene

Concen: 10.275 ug/L

RT: 9.60 min Scan# 2569

Delta R.T. 0.00 min

Lab File: VU035827.D

Acq: 25 Nov 2019 16:23

Instrument :

MSVOA_U

ClientSampleId :

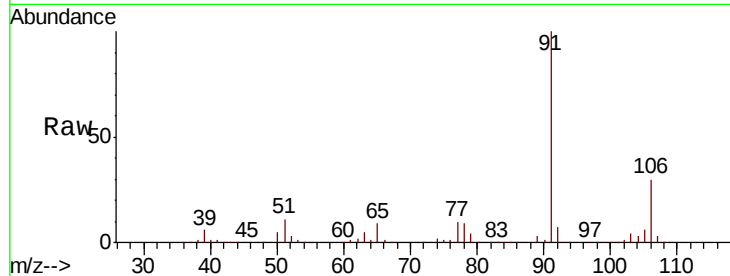
GARF8

Tot Ion: 91 Resp: 1341258

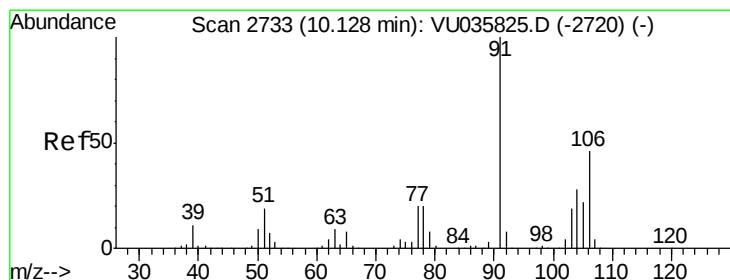
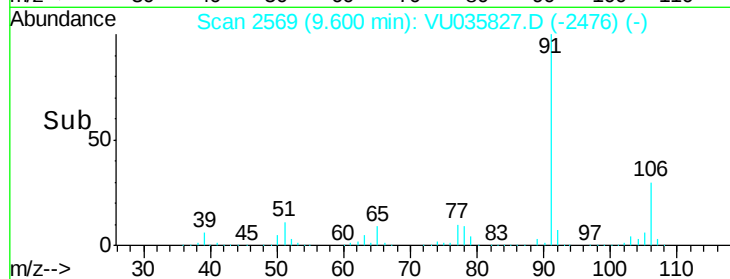
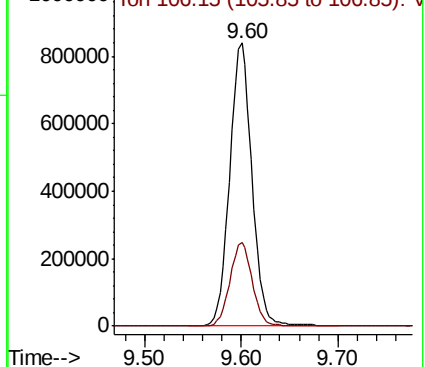
Ion Ratio Lower Upper

91 100

106 29.5 21.2 39.4



Abundance Ion 91.15 (90.85 to 91.85): VU035827.D (-2476) (-)



#54

o-Xylene

Concen: 2.945 ug/L

RT: 10.13 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU035827.D

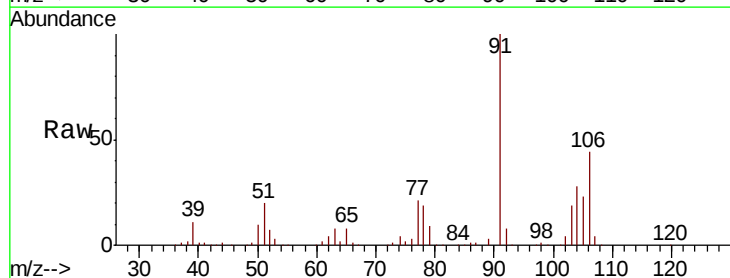
Acq: 25 Nov 2019 16:23

Tgt Ion: 106 Resp: 131643

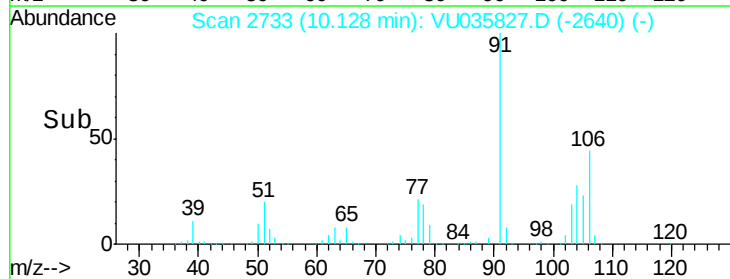
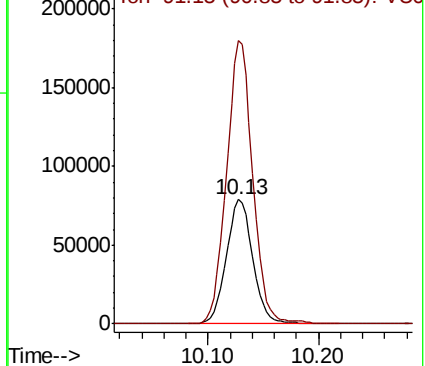
Ion Ratio Lower Upper

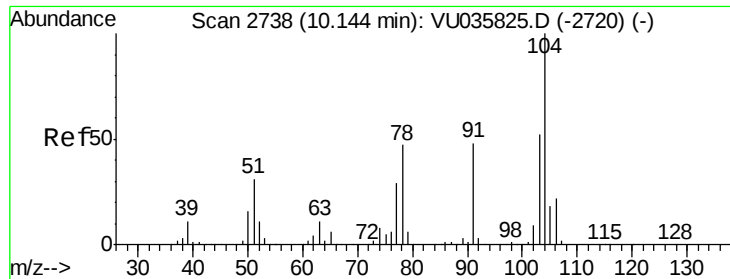
106 100

91 227.8 153.6 285.2



Abundance Ion 106.15 (105.85 to 106.85): VU035827.D (-2640) (-)





#55

Stvrene

Concen: 3.113 ug/L

RT: 10.14 min Scan# 2738

Delta R.T. 0.00 min

Lab File: VU035827.D

Acq: 25 Nov 2019 16:23

Instrument :

MSVOA_U

ClientSampleId :

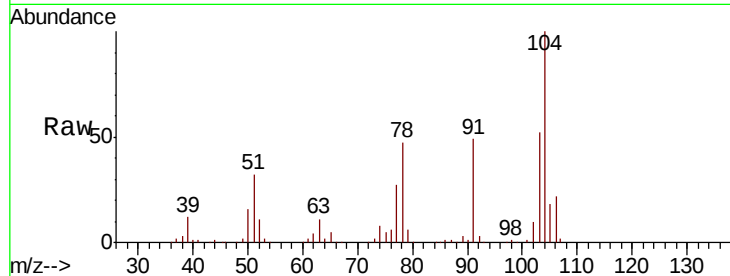
GARF8

Tot Ion:104 Resp: 230822

Ion Ratio Lower Upper

104 100

78 47.2 33.9 62.9



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VU

10.14

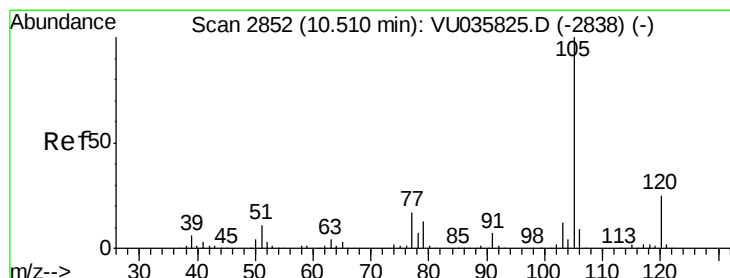
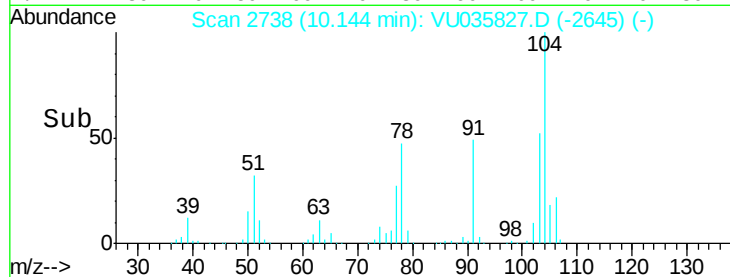
150000

100000

50000

0

Time-->



#56

Isopropylbenzene

Concen: 7.557 ug/L

RT: 10.51 min Scan# 2852

Delta R.T. 0.00 min

Lab File: VU035827.D

Acq: 25 Nov 2019 16:23

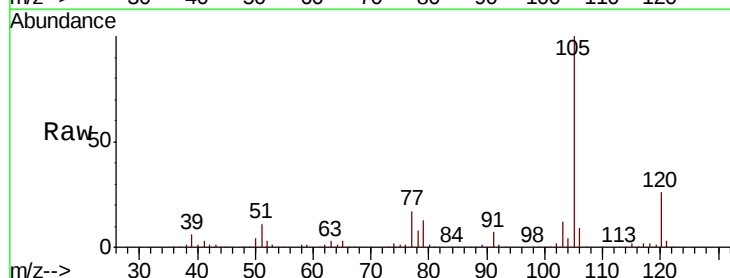
Tgt Ion:105 Resp: 892316

Ion Ratio Lower Upper

105 100

120 25.6 20.2 30.2

77 17.0 13.7 20.5



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VU

10.51

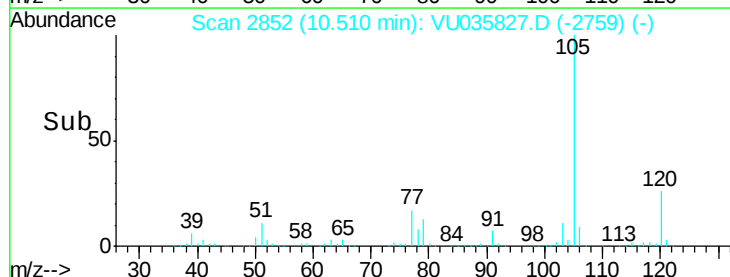
600000

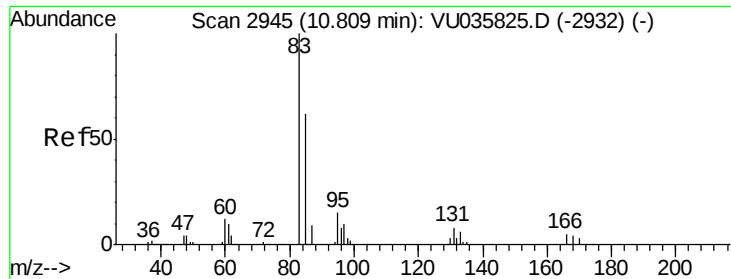
400000

200000

0

Time-->





#58

1,1,2,2-Tetrachloroethane

Concen: 4.810 ug/L

RT: 10.81 min Scan# 2945

Delta R.T. 0.00 min

Lab File: VU035827.D

Acq: 25 Nov 2019 16:23

Instrument :

MSVOA_U

ClientSampleId :

GARF8

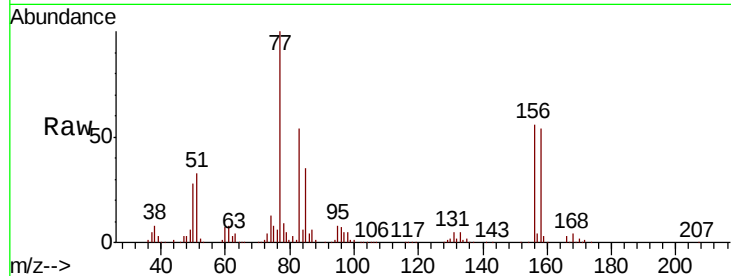
Tot Ion: 83 Resp: 149275

Ion Ratio Lower Upper

83 100

85 65.0 44.6 82.8

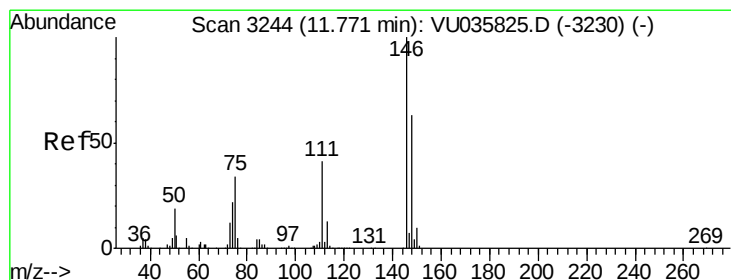
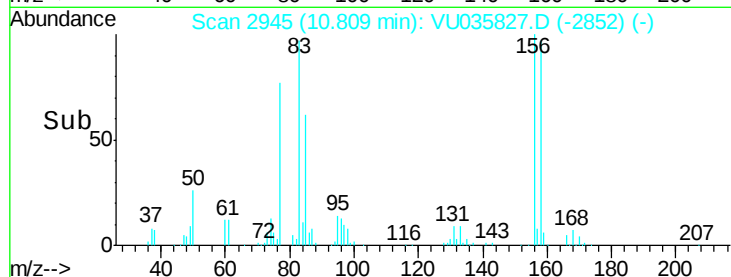
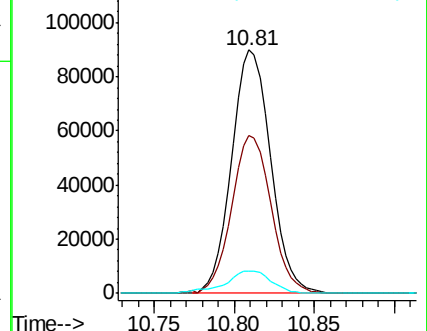
131 9.4 6.9 10.3



Abundance Ion 82.95 (82.65 to 83.65): VU035827.D (-2932) (-)

Ion 85.00 (84.70 to 85.70): VU035827.D (-2932) (-)

Ion 130.95 (130.65 to 131.65): VU035827.D (-2932) (-)



#62

1,3-Dichlorobenzene

Concen: 2.028 ug/L

RT: 11.77 min Scan# 3244

Delta R.T. 0.00 min

Lab File: VU035827.D

Acq: 25 Nov 2019 16:23

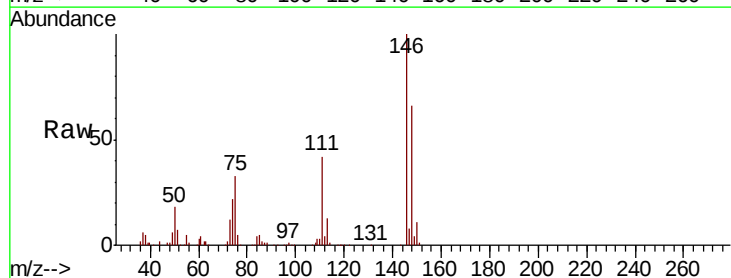
Tgt Ion: 146 Resp: 114667

Ion Ratio Lower Upper

146 100

111 42.3 29.5 54.7

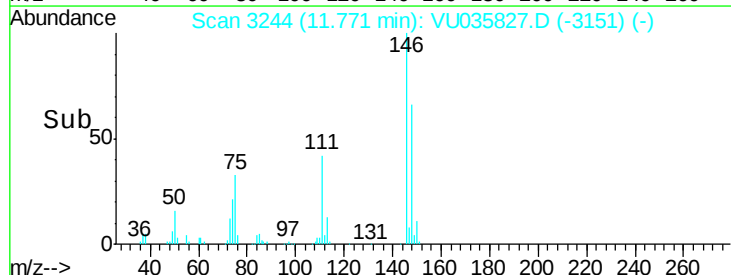
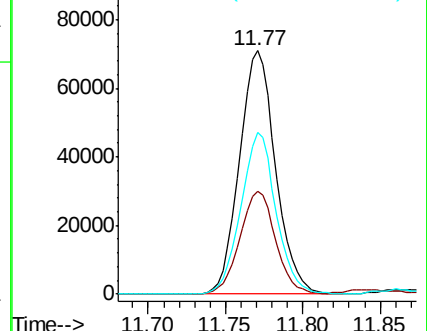
148 66.2 44.1 81.9

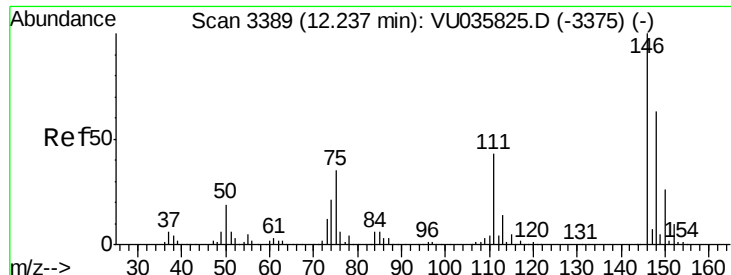


Abundance Ion 145.95 (145.65 to 146.65): VU035827.D (-3230) (-)

Ion 111.00 (110.70 to 111.70): VU035827.D (-3230) (-)

Ion 148.00 (147.70 to 148.70): VU035827.D (-3230) (-)





#65
 1,2-Dichlorobenzene
 Concen: 1.986 ug/L
 RT: 12.24 min Scan# 3389
 Delta R.T. 0.00 min
 Lab File: VU035827.D
 Acq: 25 Nov 2019 16:23

Instrument :
 MSVOA_U
 ClientSampleId :
 GARF8

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	35.4	53.0
148	64.6	50.8	76.2

