

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U072622\
 Data File : U072622.D
 Acq On : 27 Jul 2022 00:33
 Operator : SY/MD
 Sample : N3873-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ27

Quant Time: Jul 27 05:30:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 27 05:17:43 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	47095	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	46324	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	19641	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	15743	4.129	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.913	69	14215	4.455	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.568	65	6738	3.959	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.200%
20) 2-Butanone-d5	4.626	46	113715	82.891	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	165.780%#
24) Chloroform-d	5.064	84	39038	4.597	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.703	65	25846	5.191	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.726	84	63236	4.006	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	6.690	67	24695	4.528	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.899	98	45230	3.278	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.600%#
43) trans-1,3-Dichloroprop...	8.182	79	8393	4.239	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.633	63	51239	65.309	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	130.620%#
56) 1,1,2,2-Tetrachloroeth...	10.758	84	29981	6.547	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	131.000%#
66) 1,2-Dichlorobenzene-d4	12.195	152	18655	4.602	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
8) Chloroethane	1.932	64	2930	0.994	ug/L	87
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	176	0.057	ug/L #	41
12) 1,1-Dichloroethene	2.578	96	39759	12.777	ug/L #	76
14) Carbon disulfide	2.790	76	1452	0.151	ug/L #	74
15) Methyl Acetate	3.044	43	3342	1.625	ug/L #	55
19) 1,1-Dichloroethane	3.867	63	73809	9.494	ug/L	97
21) 2-Butanone	4.803	43	72356	51.703	ug/L #	52
22) cis-1,2-Dichloroethene	4.658	96	262	0.063	ug/L #	57
27) 1,2-Dichloroethane	5.793	62	517	0.091	ug/L #	79
29) 1,1,1-Trichloroethane	5.318	97	13332	2.050	ug/L	97
30) Cyclohexane	5.382	56	1115	0.212	ug/L #	70
31) Carbon tetrachloride	5.311	117	1550	0.294	ug/L	95
33) Benzene	5.777	78	2429	0.144	ug/L	100
34) Trichloroethene	6.546	95	816	0.200	ug/L	90
35) Methylcyclohexane	6.758	83	1727	0.344	ug/L #	88
37) 1,2-Dichloropropane	6.690	63	2851	0.595	ug/L #	89
48) 2-Hexanone	8.684	43	17151	6.877	ug/L #	93
49) Dibromochloromethane	8.549	129	250	0.065	ug/L #	14
52) Ethylbenzene	9.568	91	1607	0.093	ug/L	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072622\
Data File : VU049933.D
Acq On : 27 Jul 2022 00:33
Operator : SY/MD
Sample : N3873-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBJ27

Quant Time: Jul 27 05:30:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jul 27 05:17:43 2022
Response via : Initial Calibration

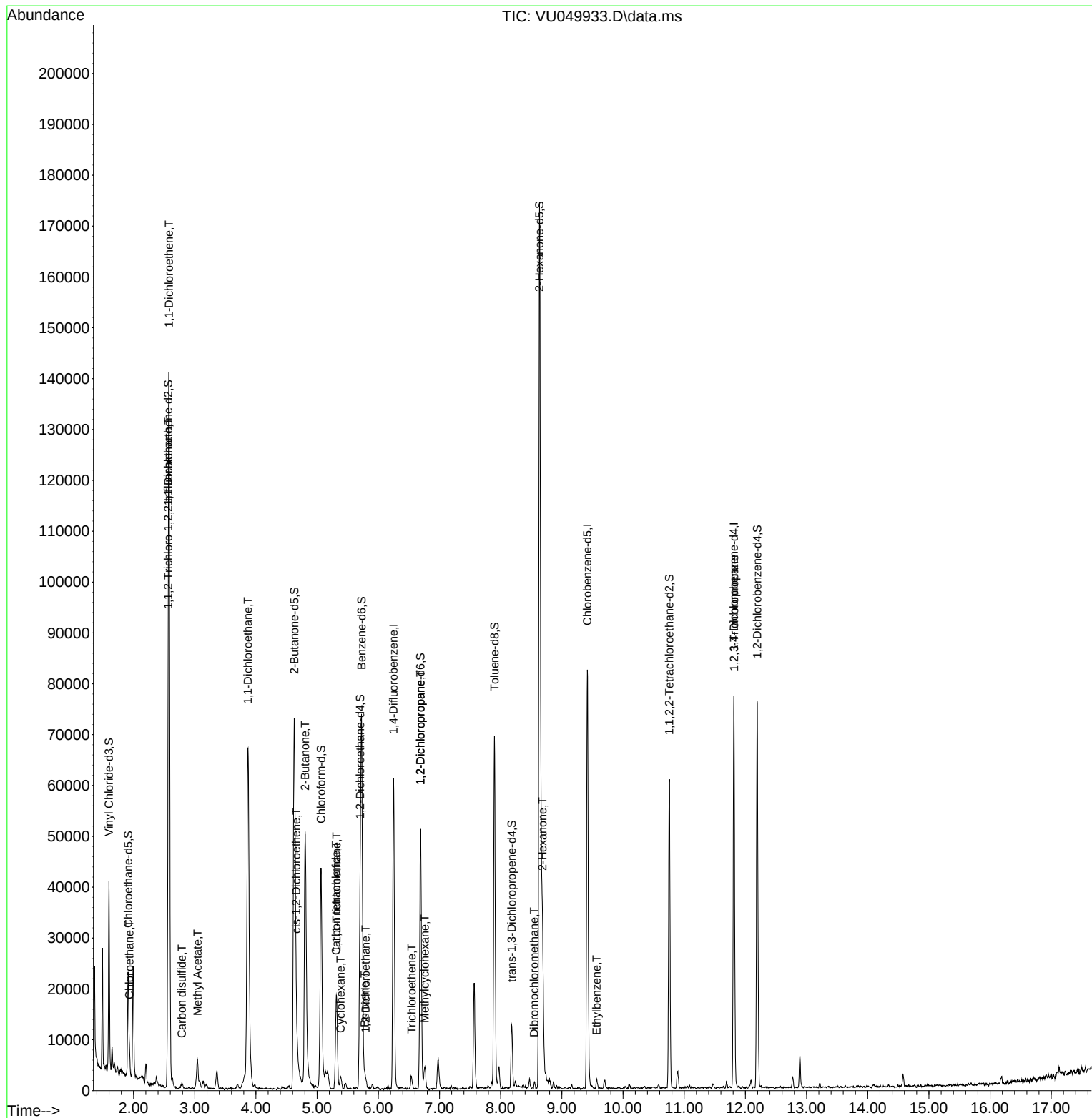
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 1,2,3-Trichloropropane	11.816	75	2501	0.956	ug/L #	60

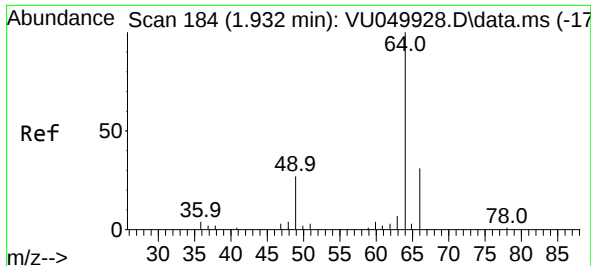
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072622\
Data File : VU049933.D
Acq On : 27 Jul 2022 00:33
Operator : SY/MD
Sample : N3873-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBJ27

Quant Time: Jul 27 05:30:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jul 27 05:17:43 2022
Response via : Initial Calibration

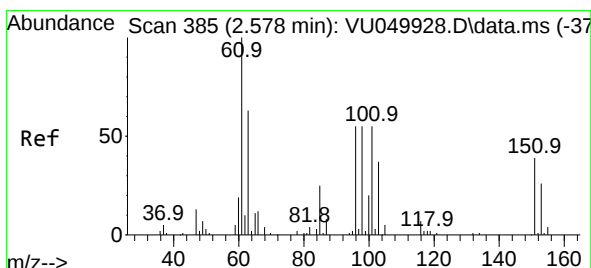
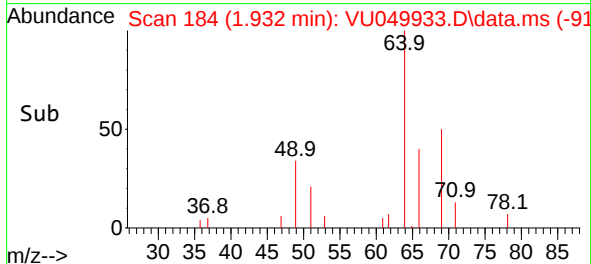
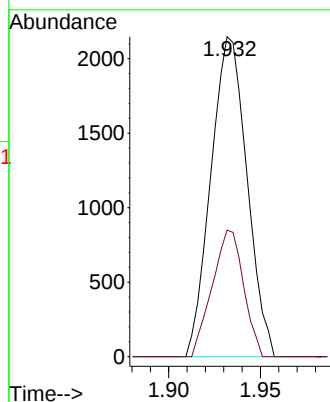
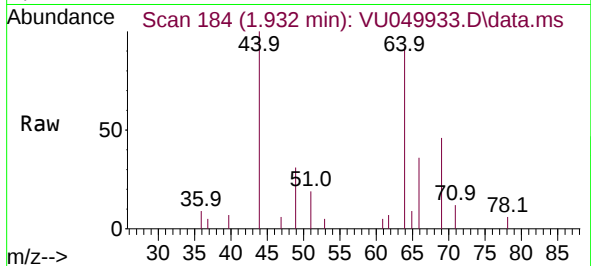




#8
Chloroethane
Concen: 0.994 ug/L
RT: 1.932 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU049933.D
Acq: 27 Jul 2022 00:33

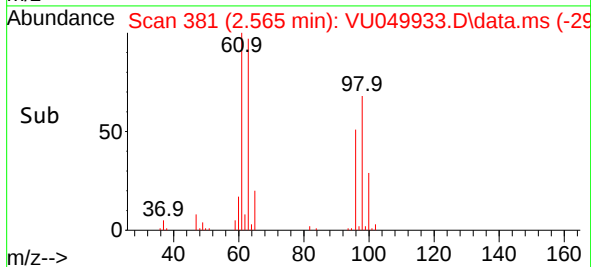
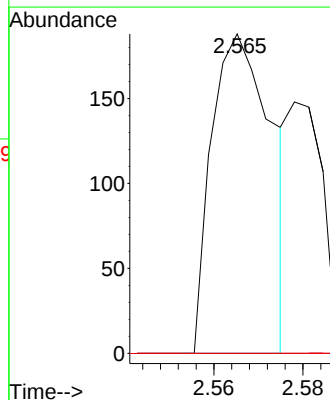
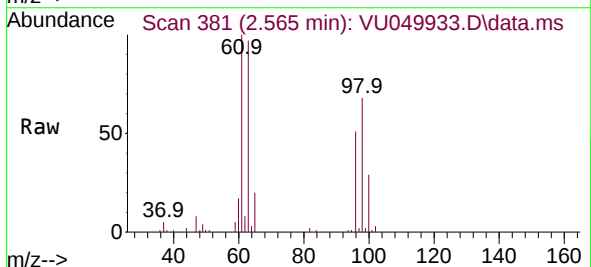
Instrument :
MSVOA_U
ClientSampleId :
GBJ27

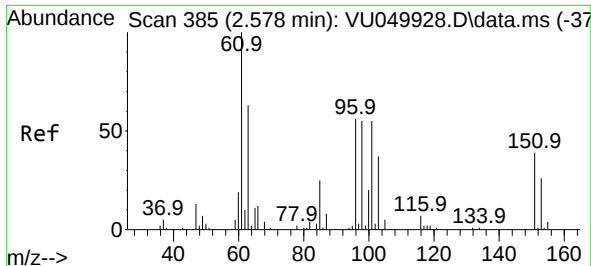
Tgt Ion: 64 Resp: 2930
Ion Ratio Lower Upper
64 100
66 39.5 22.7 42.3



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.057 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU049933.D
Acq: 27 Jul 2022 00:33

Tgt Ion: 101 Resp: 176
Ion Ratio Lower Upper
101 100
85 59.1 37.2 55.8#
151 0.0 56.0 84.0#





#12

1,1-Dichloroethene

Concen: 12.777 ug/L

RT: 2.578 min Scan# 3

Delta R.T. -0.000 min

Lab File: VU049933.D

Acq: 27 Jul 2022 00:33

Instrument :

MSVOA_U

ClientSampleId :

GBJ27

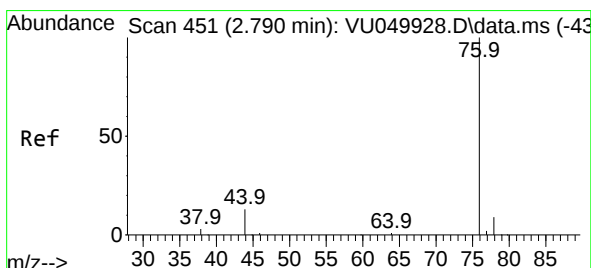
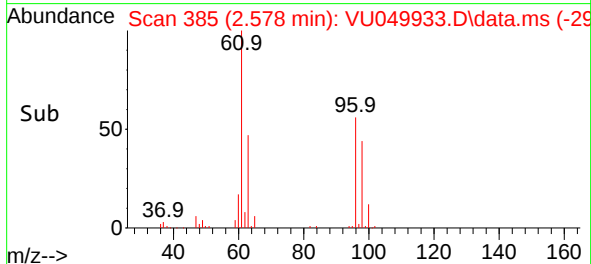
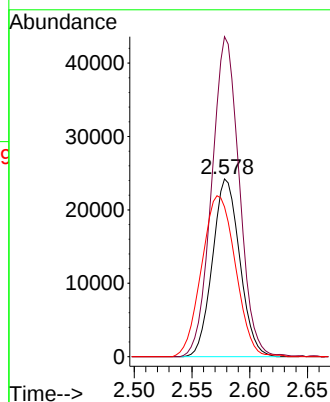
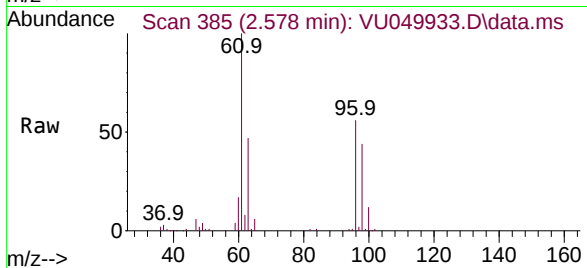
Tgt Ion: 96 Resp: 39759

Ion Ratio Lower Upper

96 100

61 180.0 131.6 244.4

63 84.3 100.0 185.6#



#14

Carbon disulfide

Concen: 0.151 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU049933.D

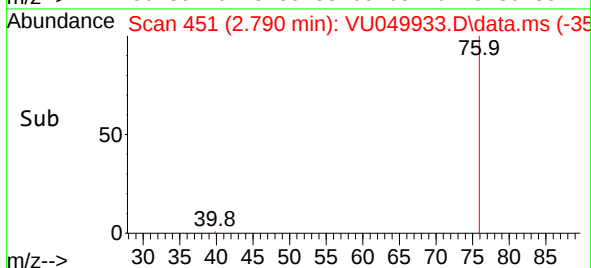
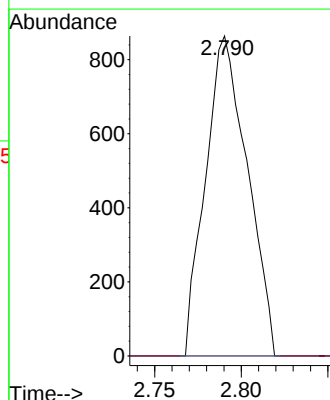
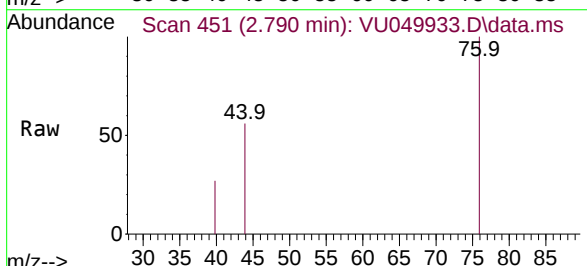
Acq: 27 Jul 2022 00:33

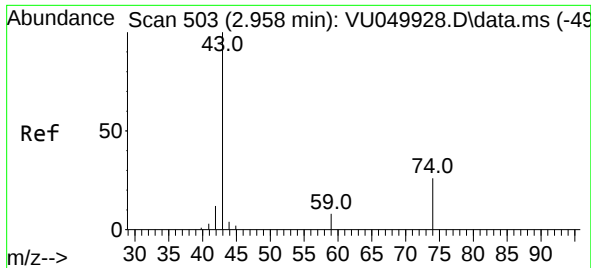
Tgt Ion: 76 Resp: 1452

Ion Ratio Lower Upper

76 100

78 0.0 7.8 11.6#

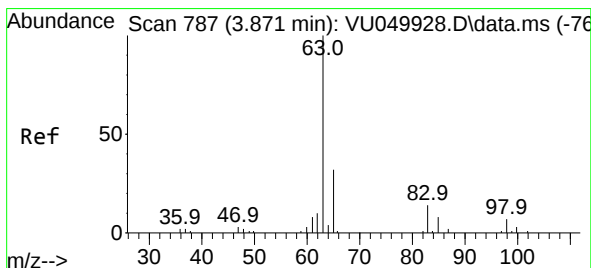
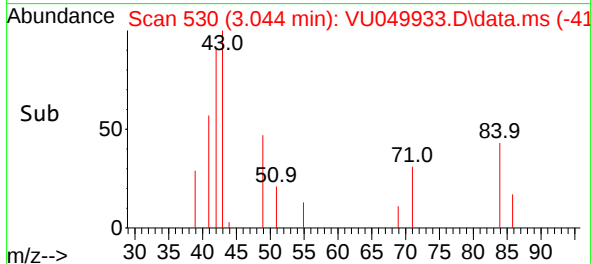
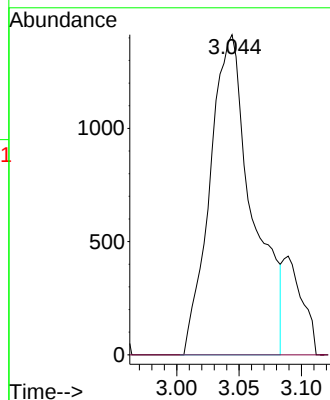
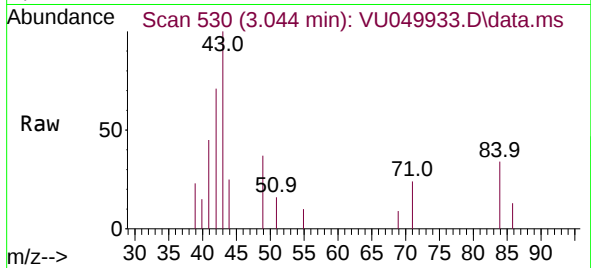




#15
Methyl Acetate
Concen: 1.625 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.087 min
Lab File: VU049933.D
Acq: 27 Jul 2022 00:33

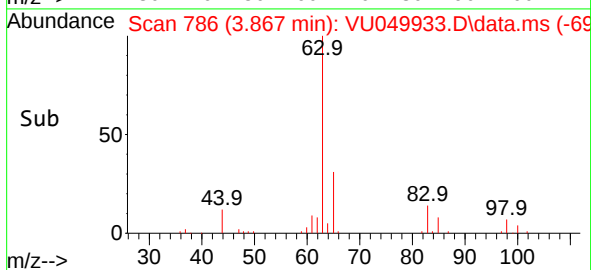
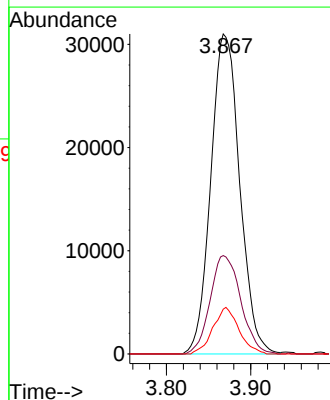
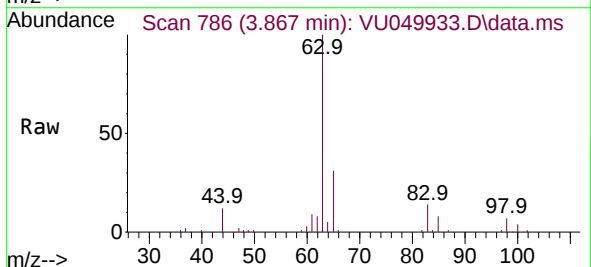
Instrument :
MSVOA_U
ClientSampleId :
GBJ27

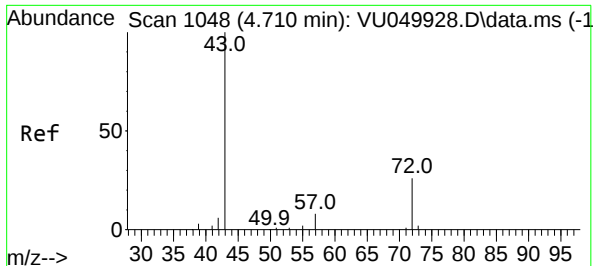
Tgt Ion: 43 Resp: 3342
Ion Ratio Lower Upper
43 100
74 0.0 17.1 25.7#



#19
1,1-Dichloroethane
Concen: 9.494 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.003 min
Lab File: VU049933.D
Acq: 27 Jul 2022 00:33

Tgt Ion: 63 Resp: 73809
Ion Ratio Lower Upper
63 100
65 30.7 22.5 41.9
83 14.0 8.3 15.5





#21

2-Butanone

Concen: 51.703 ug/L

RT: 4.803 min Scan# 1077

Delta R.T. 0.093 min

Lab File: VU049933.D

Acq: 27 Jul 2022 00:33

Instrument :

MSVOA_U

ClientSampleId :

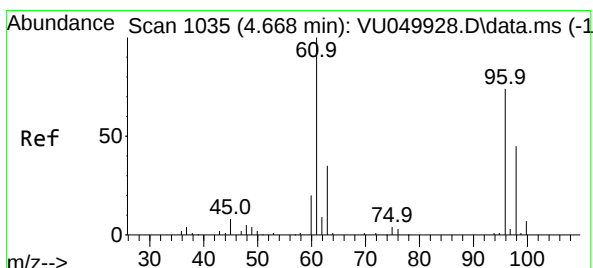
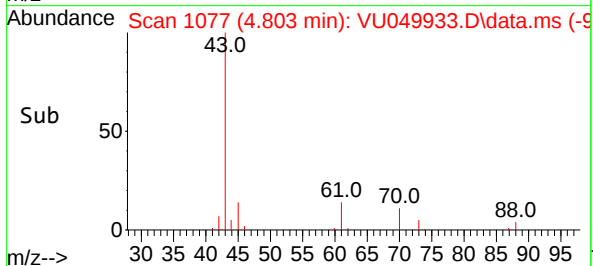
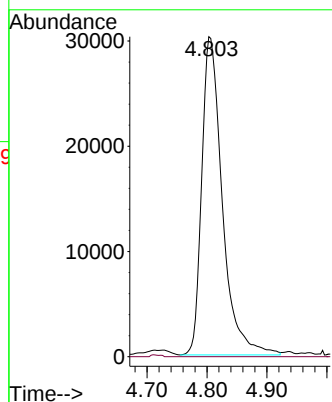
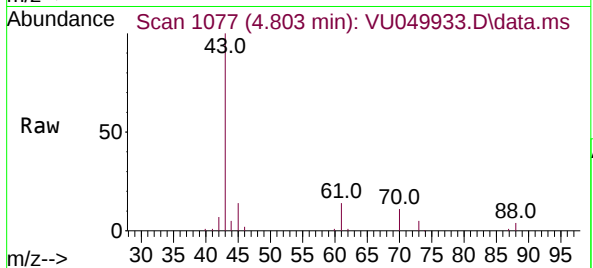
GBJ27

Tgt Ion: 43 Resp: 72356

Ion Ratio Lower Upper

43 100

72 0.3 11.9 35.5#



#22

cis-1,2-Dichloroethene

Concen: 0.063 ug/L

RT: 4.658 min Scan# 1032

Delta R.T. -0.010 min

Lab File: VU049933.D

Acq: 27 Jul 2022 00:33

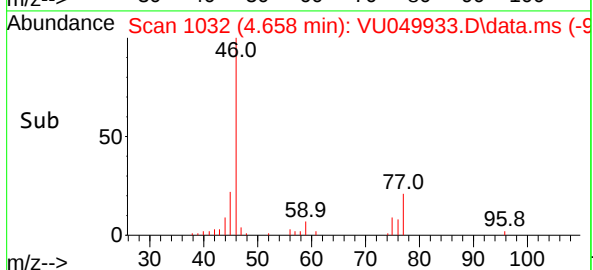
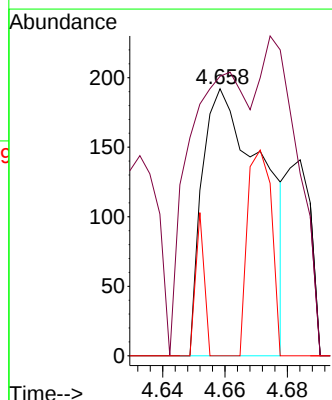
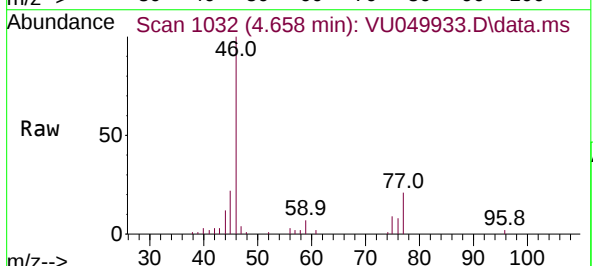
Tgt Ion: 96 Resp: 262

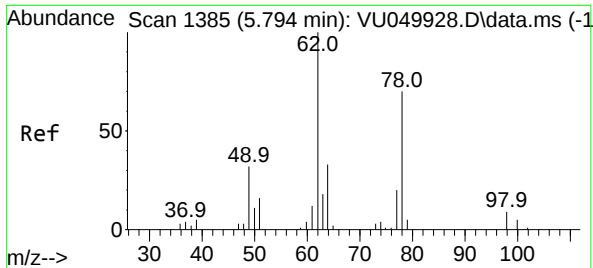
Ion Ratio Lower Upper

96 100

61 104.7 93.9 174.3

98 0.0 43.9 81.5#

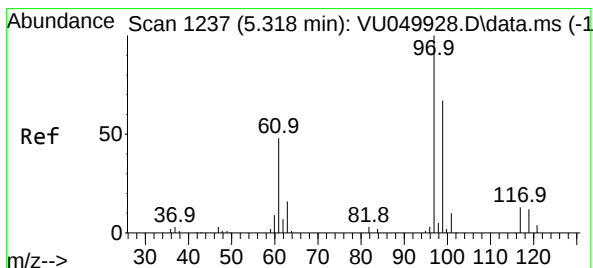
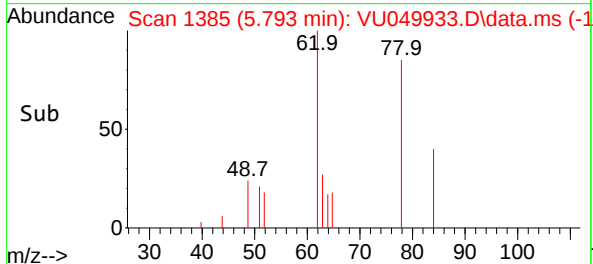
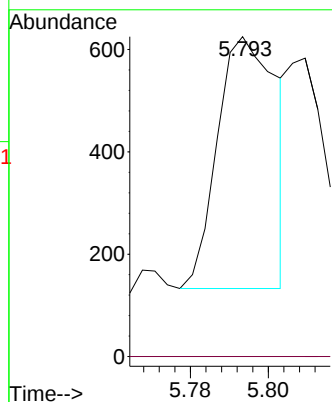
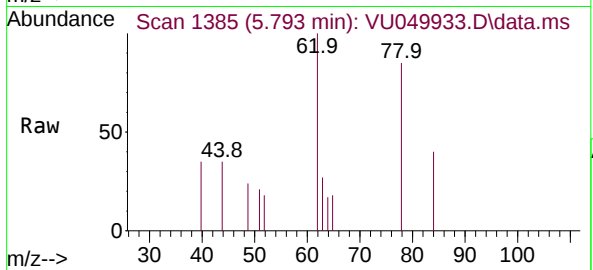




#27
1,2-Dichloroethane
Concen: 0.091 ug/L
RT: 5.793 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU049933.D
Acq: 27 Jul 2022 00:33

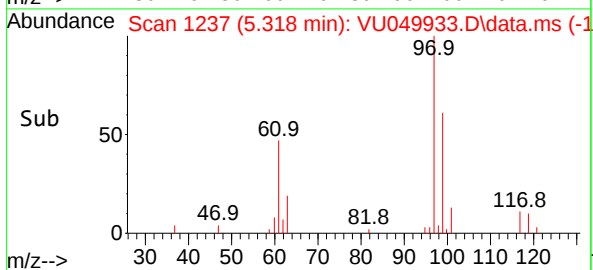
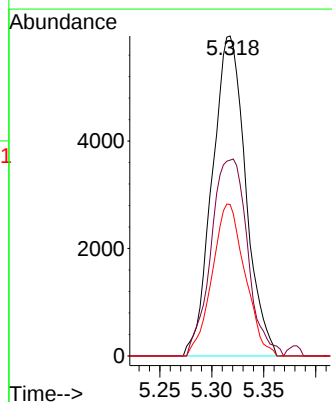
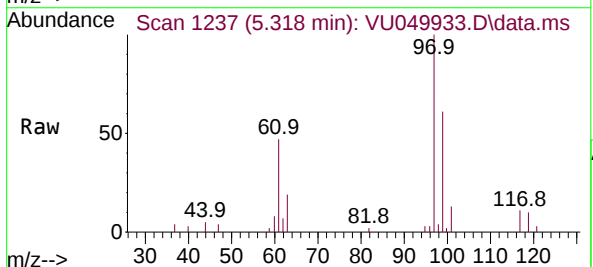
Instrument :
MSVOA_U
ClientSampleId :
GBJ27

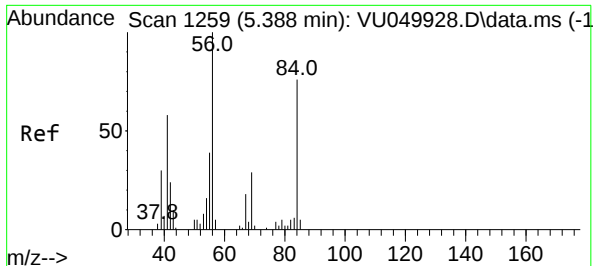
Tgt Ion: 62 Resp: 517
Ion Ratio Lower Upper
62 100
98 0.0 5.9 8.9#



#29
1,1,1-Trichloroethane
Concen: 2.050 ug/L
RT: 5.318 min Scan# 1237
Delta R.T. -0.000 min
Lab File: VU049933.D
Acq: 27 Jul 2022 00:33

Tgt Ion: 97 Resp: 13332
Ion Ratio Lower Upper
97 100
99 67.1 51.8 77.8
61 46.5 38.3 57.5





#30

Cyclohexane

Concen: 0.212 ug/L

RT: 5.382 min Scan# 1115

Delta R.T. -0.007 min

Lab File: VU049933.D

Acq: 27 Jul 2022 00:33

Instrument :

MSVOA_U

ClientSampleId :

GBJ27

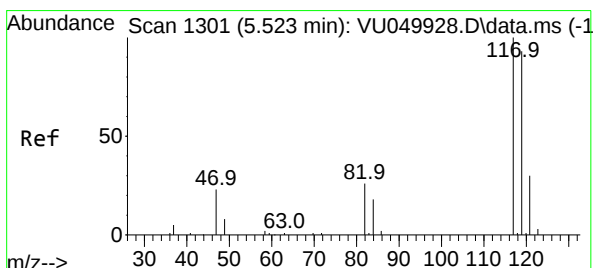
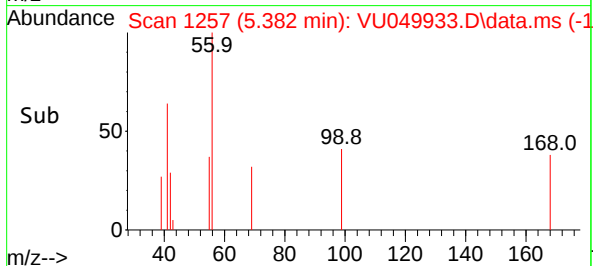
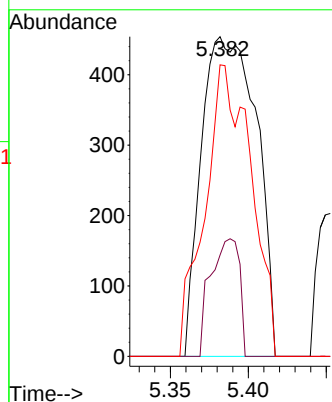
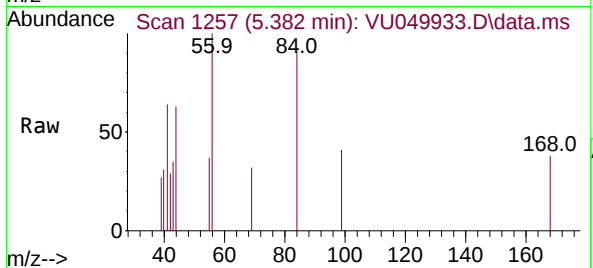
Tgt Ion: 56 Resp: 1115

Ion Ratio Lower Upper

56 100

69 19.3 22.8 34.2#

84 48.8 63.0 94.6#



#31

Carbon tetrachloride

Concen: 0.294 ug/L

RT: 5.311 min Scan# 1235

Delta R.T. -0.212 min

Lab File: VU049933.D

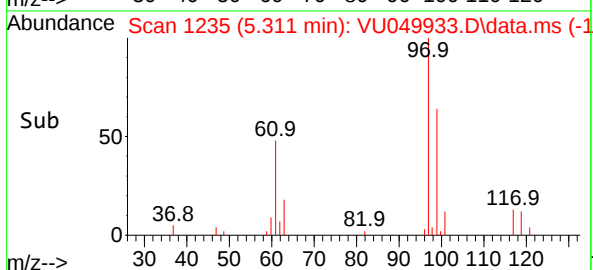
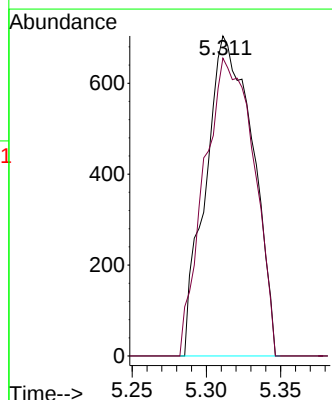
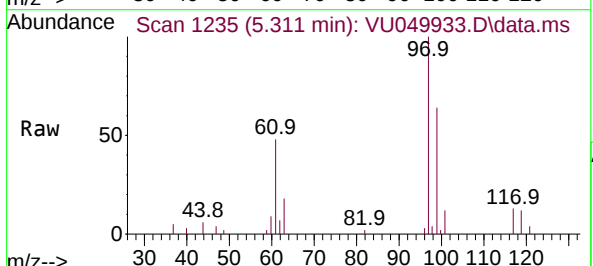
Acq: 27 Jul 2022 00:33

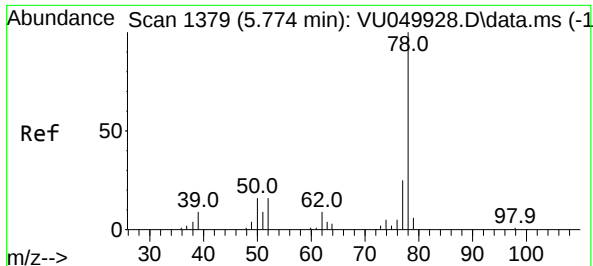
Tgt Ion: 117 Resp: 1550

Ion Ratio Lower Upper

117 100

119 98.5 75.2 112.8

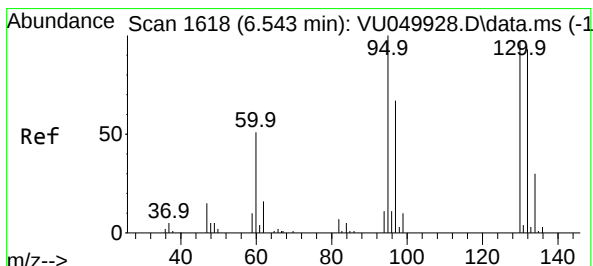
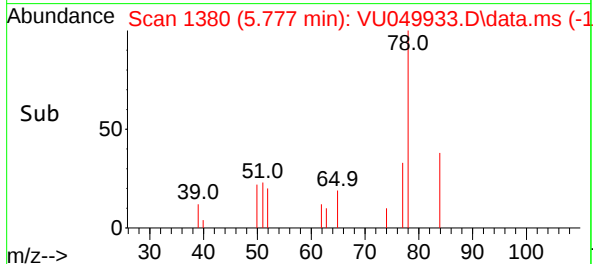
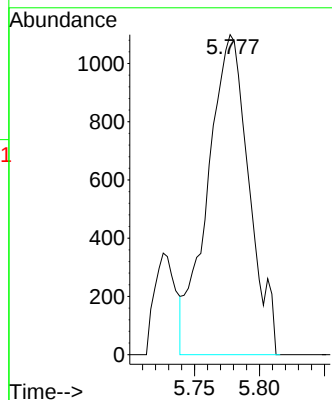
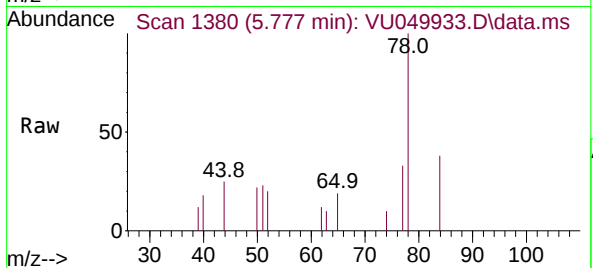




#33
Benzene
Concen: 0.144 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049933.D
Acq: 27 Jul 2022 00:33

Instrument :
MSVOA_U
ClientSampleId :
GBJ27

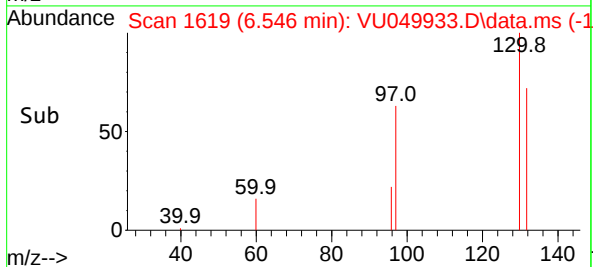
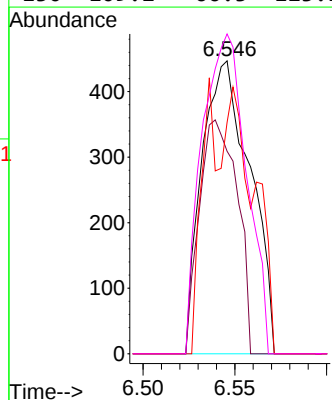
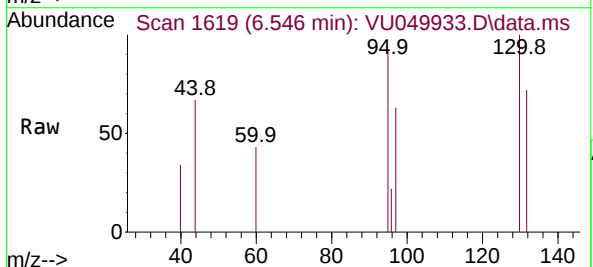
Tgt Ion: 78 Resp: 2429

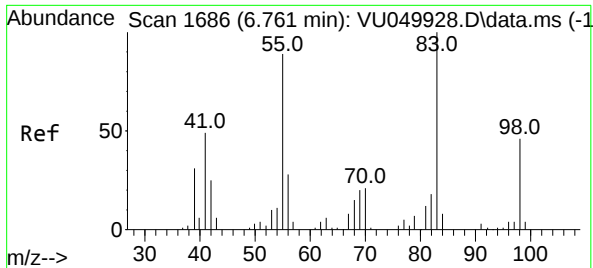


#34
Trichloroethene
Concen: 0.200 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.003 min
Lab File: VU049933.D
Acq: 27 Jul 2022 00:33

Tgt Ion: 95 Resp: 816

Ion	Ratio	Lower	Upper
95	100		
97	69.1	46.8	86.8
132	79.0	61.8	114.8
130	109.2	66.3	123.1

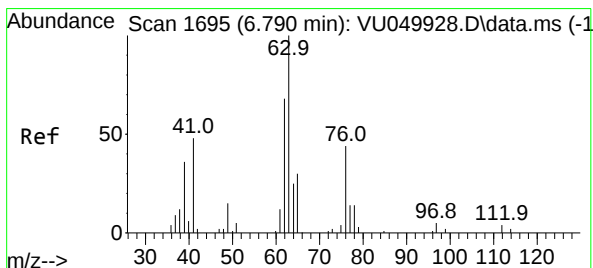
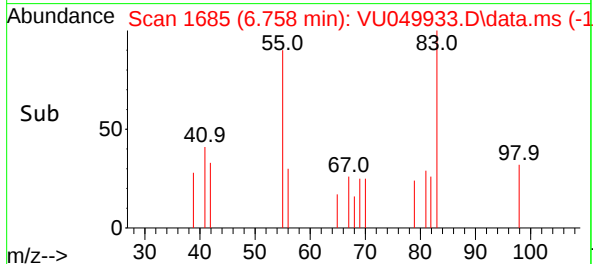
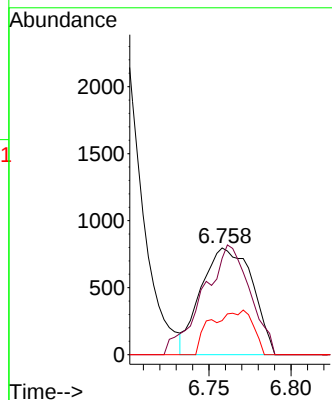
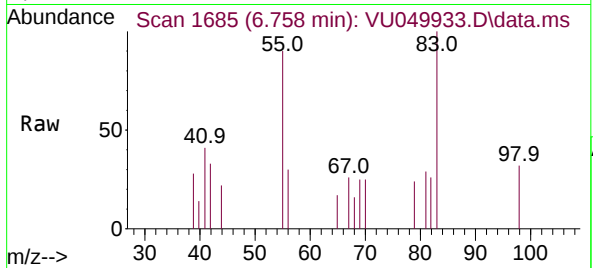




#35
Methylcyclohexane
Concen: 0.344 ug/L
RT: 6.758 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU049933.D
Acq: 27 Jul 2022 00:33

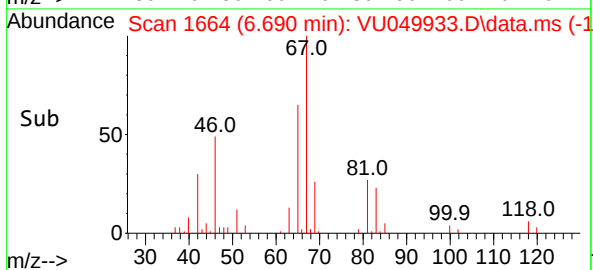
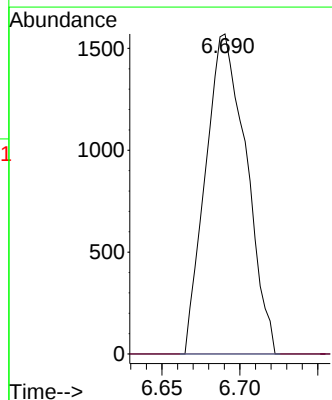
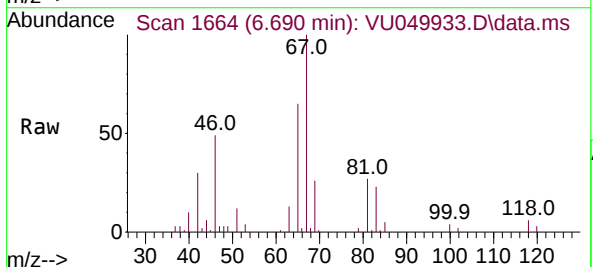
Instrument :
MSVOA_U
ClientSampleId :
GBJ27

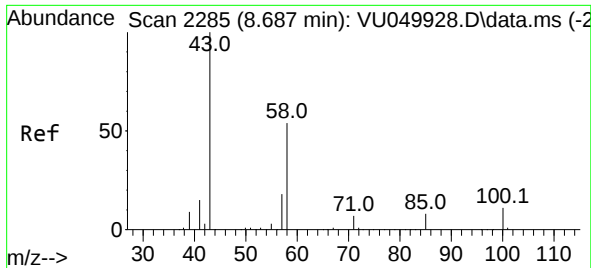
Tgt Ion: 83 Resp: 1727
Ion Ratio Lower Upper
83 100
55 93.9 69.0 103.4
98 33.9 36.4 54.6#



#37
1,2-Dichloropropane
Concen: 0.595 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU049933.D
Acq: 27 Jul 2022 00:33

Tgt Ion: 63 Resp: 2851
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#

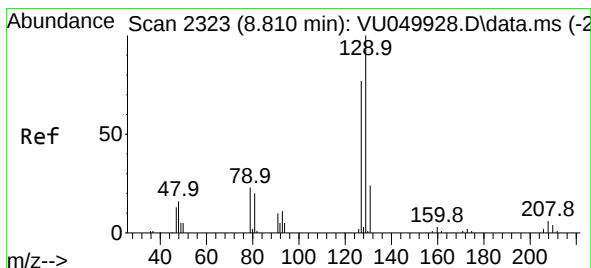
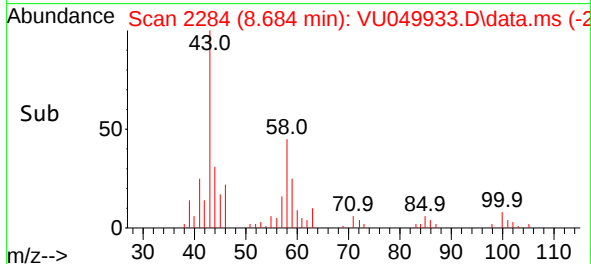
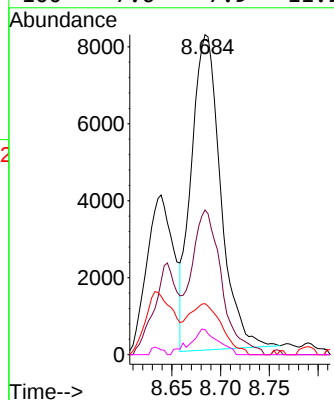
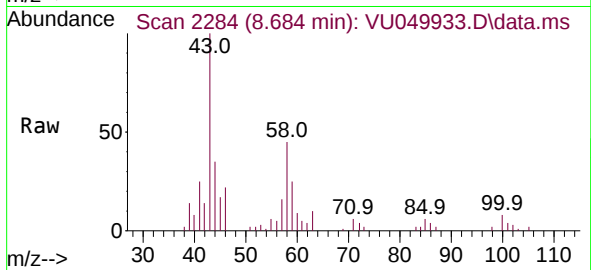




#48
2-Hexanone
Concen: 6.877 ug/L
RT: 8.684 min Scan# 2111
Delta R.T. -0.003 min
Lab File: VU049933.D
Acq: 27 Jul 2022 00:33

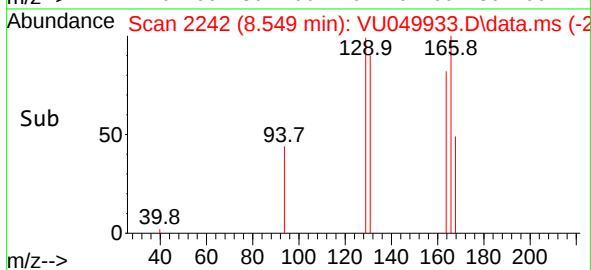
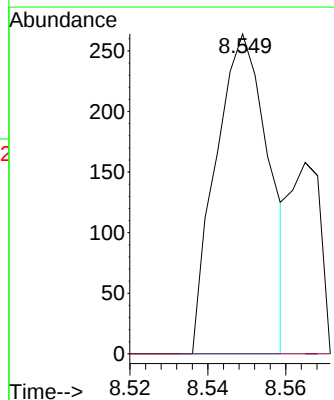
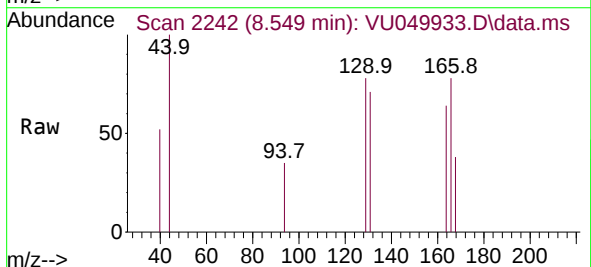
Instrument :
MSVOA_U
ClientSampleId :
GBJ27

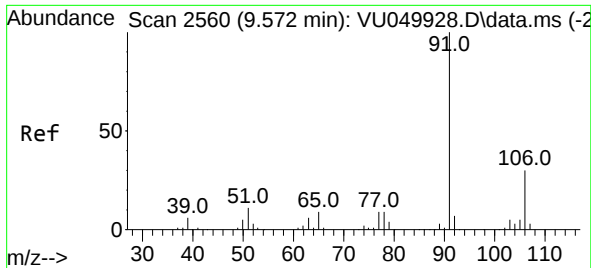
Tgt Ion: 43	Resp: 17151
Ion Ratio	Lower Upper
43 100	
58 46.2	42.1 63.1
57 17.9	14.3 21.5
100 7.6	7.9 11.9



#49
Dibromochloromethane
Concen: 0.065 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.261 min
Lab File: VU049933.D
Acq: 27 Jul 2022 00:33

Tgt Ion: 129	Resp: 250
Ion Ratio	Lower Upper
129 100	
127 0.0	50.5 93.7

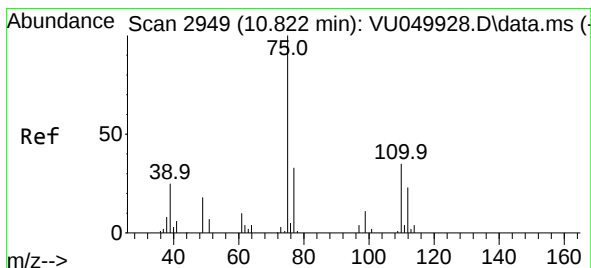
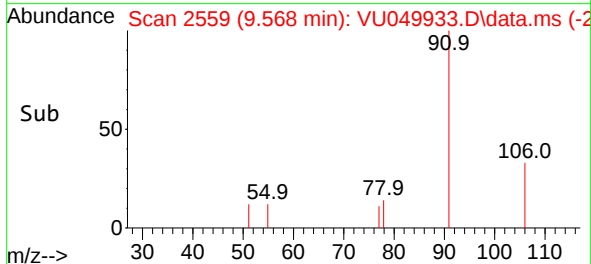
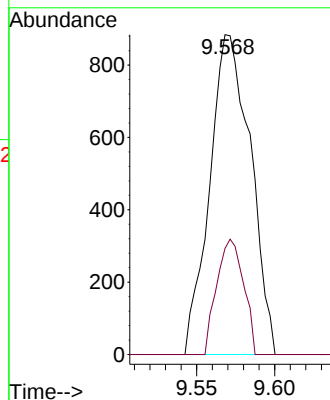
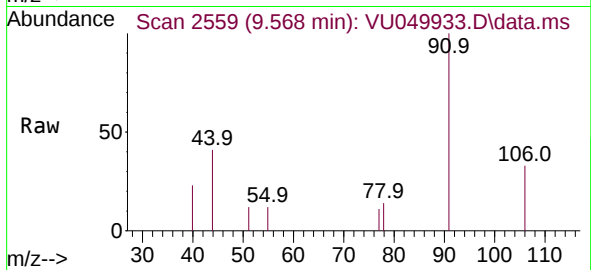




#52
Ethylbenzene
Concen: 0.093 ug/L
RT: 9.568 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049933.D
Acq: 27 Jul 2022 00:33

Instrument :
MSVOA_U
ClientSampleId :
GBJ27

Tgt Ion: 91 Resp: 1607
Ion Ratio Lower Upper
91 100
106 33.1 20.6 38.4



#61
1,2,3-Trichloropropane
Concen: 0.956 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.993 min
Lab File: VU049933.D
Acq: 27 Jul 2022 00:33

Tgt Ion: 75 Resp: 2501
Ion Ratio Lower Upper
75 100
110 0.0 28.0 42.0#
77 41.4 25.4 38.2#

