

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U072622\
 Data File : U072622.D
 Acq On : 27 Jul 2022 05:50
 Operator : SY/MD
 Sample : N3873-02MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ27MS

Quant Time: Jul 27 06:43:00 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	51771	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	49097	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	25305	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	16410	3.915	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.400%
7) Chloroethane-d5	1.913	69	15170	4.325	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.400%
11) 1,1-Dichloroethene-d2	2.568	65	7325	3.916	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.400%
20) 2-Butanone-d5	4.626	46	122910	81.502	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	163.000%#
24) Chloroform-d	5.067	84	44563	4.774	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.700	65	28506	5.208	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	5.726	84	71754	4.289	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.690	67	27783	4.807	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.200%
41) Toluene-d8	7.899	98	61361	4.196	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
43) trans-1,3-Dichloroprop...	8.179	79	9155	4.363	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.633	63	61386	73.823	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	147.640%#
56) 1,1,2,2-Tetrachloroeth...	10.755	84	34549	7.118	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	142.400%#
66) 1,2-Dichlorobenzene-d4	12.192	152	23056	4.414	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	35474	6.491	ug/L	100
3) Chloromethane	1.523	50	35621	5.297	ug/L	99
5) Vinyl chloride	1.604	62	34045	6.055	ug/L	99
6) Bromomethane	1.858	94	13888	4.568	ug/L	94
8) Chloroethane	1.932	64	20792	6.417	ug/L	96
9) Trichlorofluoromethane	2.138	101	46287	6.696	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	23724	7.018	ug/L	97
12) 1,1-Dichloroethene	2.581	96	65466	19.137	ug/L #	70
13) Acetone	2.633	43	76716	84.575	ug/L	94
14) Carbon disulfide	2.793	76	59643	5.636	ug/L	99
15) Methyl Acetate	2.951	43	16267	7.193	ug/L	97
16) Methylene chloride	3.044	84	27300	3.538	ug/L	89
17) Methyl tert-butyl Ether	3.366	73	67590	6.099	ug/L	95
18) trans-1,2-Dichloroethene	3.353	96	21153	5.350	ug/L	90
19) 1,1-Dichloroethane	3.871	63	132039	15.450	ug/L	98
21) 2-Butanone	4.707	43	125548	81.610	ug/L	95
22) cis-1,2-Dichloroethene	4.668	96	25710	5.614	ug/L	96
23) Bromochloromethane	4.973	128	13043	6.376	ug/L	94
25) Chloroform	5.089	83	50206	5.538	ug/L	99

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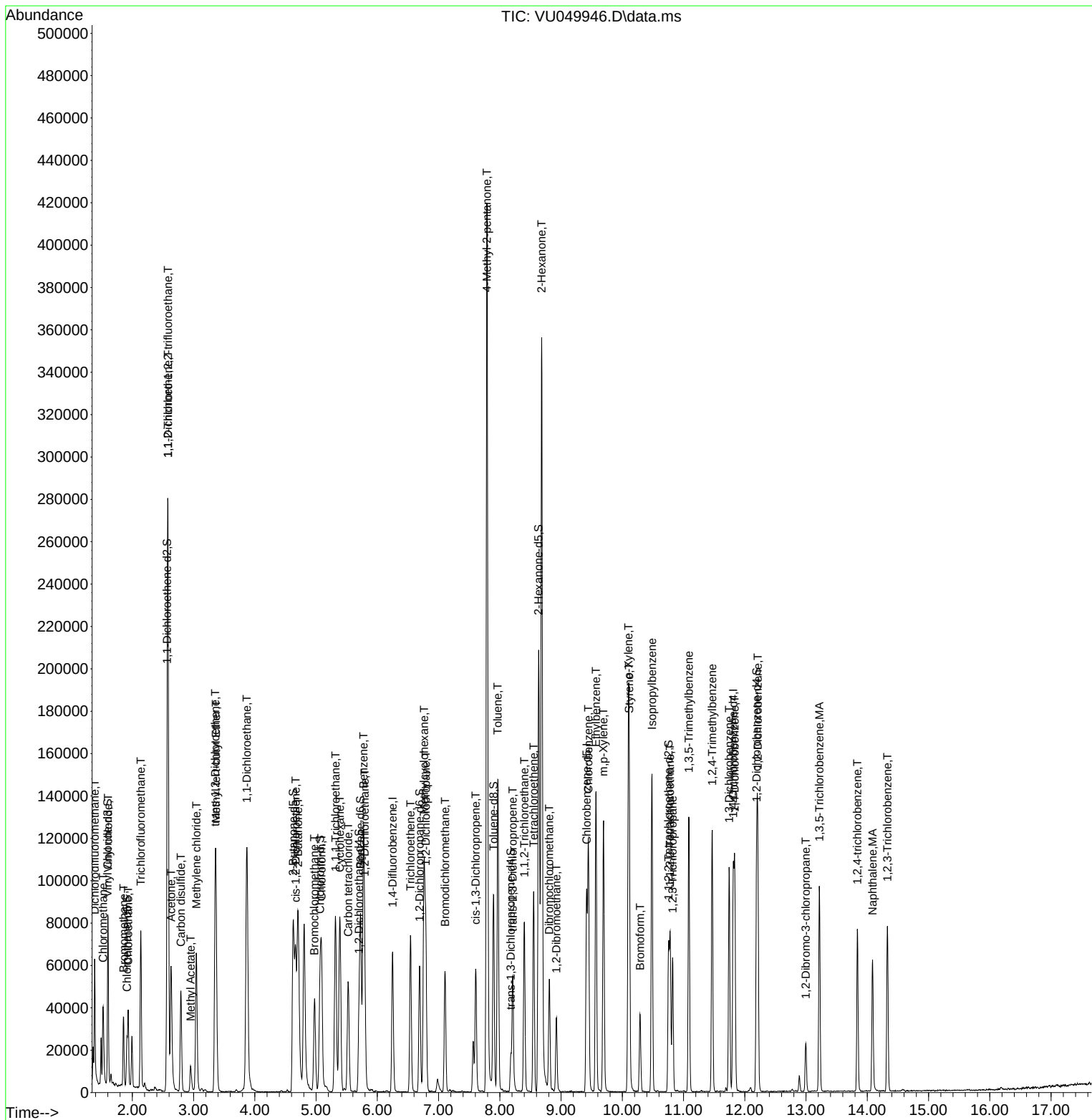
Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ27MS

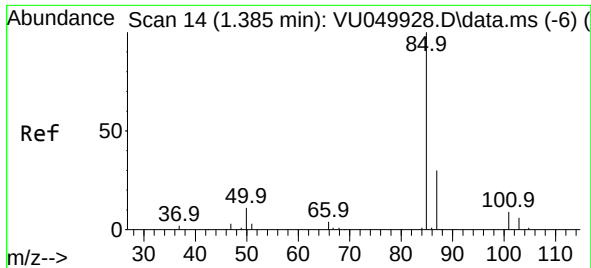
Quant Time: Jul 27 06:43:00 2022
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	37407	6.007	ug/L	97
29) 1,1,1-Trichloroethane	5.318	97	59599	8.647	ug/L	99
30) Cyclohexane	5.388	56	37410	6.703	ug/L	96
31) Carbon tetrachloride	5.523	117	35122	6.275	ug/L	98
33) Benzene	5.774	78	101980	5.724	ug/L	100
34) Trichloroethene	6.543	95	25138	5.820	ug/L	97
35) Methylcyclohexane	6.764	83	35303	6.626	ug/L	100
37) 1,2-Dichloropropane	6.790	63	29957	5.900	ug/L #	97
38) Bromodichloromethane	7.105	83	37437	5.901	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	33262	4.971	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	280189	79.111	ug/L	99
42) Toluene	7.967	91	103746	5.822	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	31880	5.519	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	23869	6.587	ug/L	97
47) Tetrachloroethene	8.552	164	18910	6.359	ug/L	93
48) 2-Hexanone	8.684	43	227683	86.133	ug/L	99
49) Dibromochloromethane	8.809	129	26157	6.458	ug/L	96
50) 1,2-Dibromoethane	8.925	107	21850	6.790	ug/L	98
51) Chlorobenzene	9.446	112	59193	5.233	ug/L	98
52) Ethylbenzene	9.571	91	96480	5.266	ug/L	99
53) m,p-Xylene	9.694	106	34589	5.132	ug/L	99
54) o-Xylene	10.099	106	34932	5.245	ug/L	98
55) Styrene	10.115	104	53099	4.707	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	36027	7.697	ug/L	94
59) Bromoform	10.292	173	15868	7.205	ug/L	98
60) Isopropylbenzene	10.485	105	90950	5.433	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	25457	7.551	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	69262	4.896	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	64393	4.690	ug/L	97
64) 1,3-Dichlorobenzene	11.745	146	40648	4.911	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	39423	4.814	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	42300	5.173	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	5946	7.884	ug/L	92
69) 1,3,5-Trichlorobenzene	13.218	180	27598	4.516	ug/L	97
70) 1,2,4-trichlorobenzene	13.838	180	21177	4.127	ug/L	99
71) Naphthalene	14.086	128	49579	4.956	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	22577	4.578	ug/L	94

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

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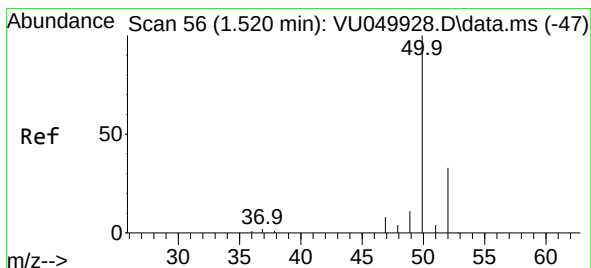
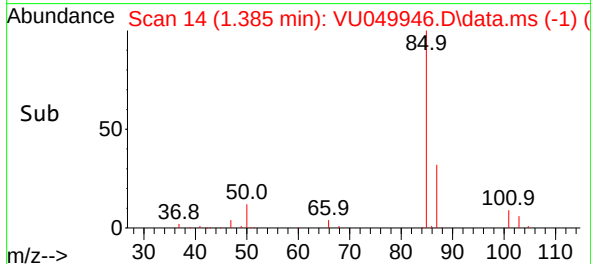
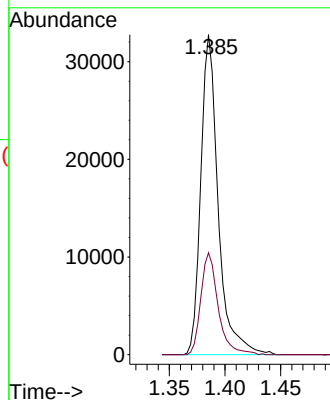
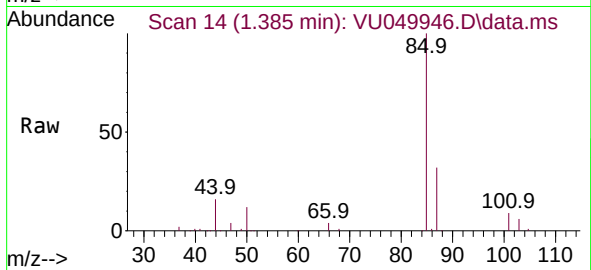




#2
Dichlorodifluoromethane
Concen: 6.491 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU049946.D
Acq: 27 Jul 2022 05:50

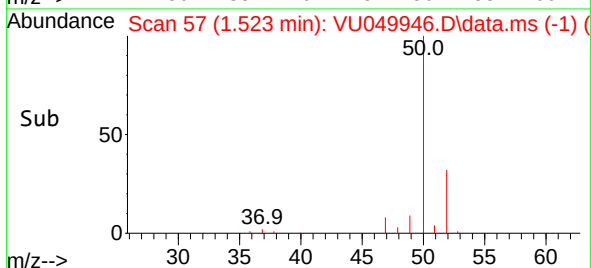
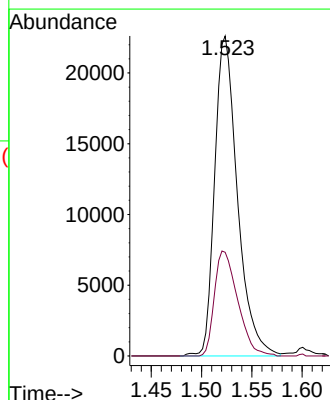
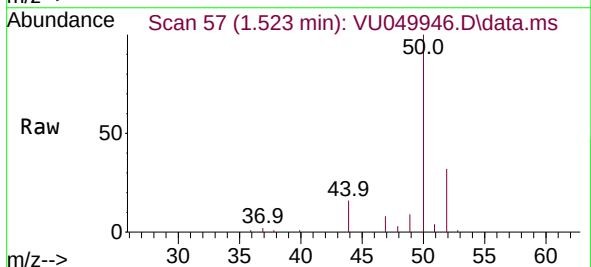
Instrument :
MSVOA_U
ClientSampleId :
GBJ27MS

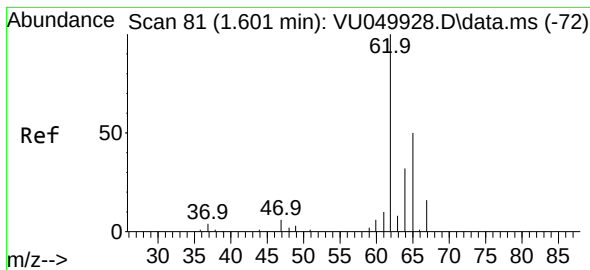
Tgt Ion: 85 Resp: 35474
Ion Ratio Lower Upper
85 100
87 31.8 25.4 38.2



#3
Chloromethane
Concen: 5.297 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU049946.D
Acq: 27 Jul 2022 05:50

Tgt Ion: 50 Resp: 35621
Ion Ratio Lower Upper
50 100
52 32.4 22.5 41.7





#5

Vinyl chloride

Concen: 6.055 ug/L

RT: 1.604 min Scan# 81

Delta R.T. 0.003 min

Lab File: VU049946.D

Acq: 27 Jul 2022 05:50

Instrument :

MSVOA_U

ClientSampleId :

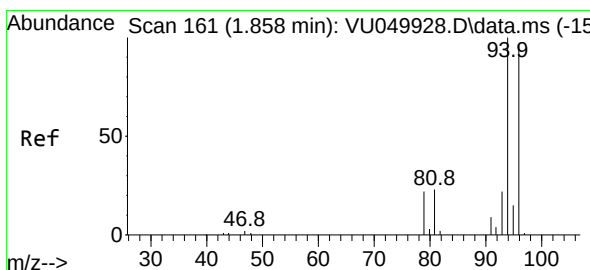
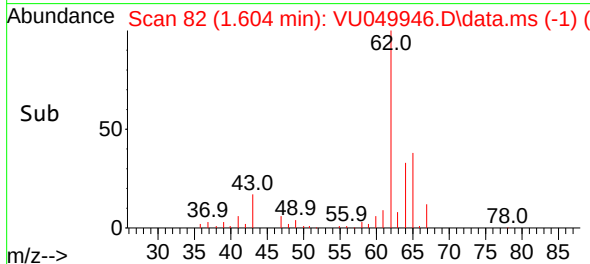
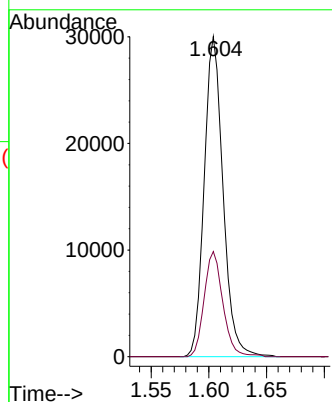
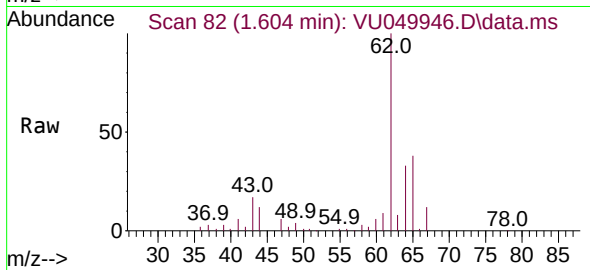
GBJ27MS

Tgt Ion: 62 Resp: 34045

Ion Ratio Lower Upper

62 100

64 32.9 22.7 42.3



#6

Bromomethane

Concen: 4.568 ug/L

RT: 1.858 min Scan# 161

Delta R.T. -0.000 min

Lab File: VU049946.D

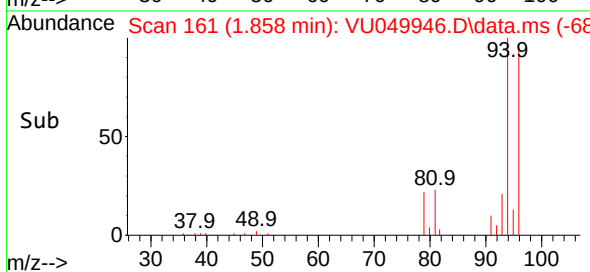
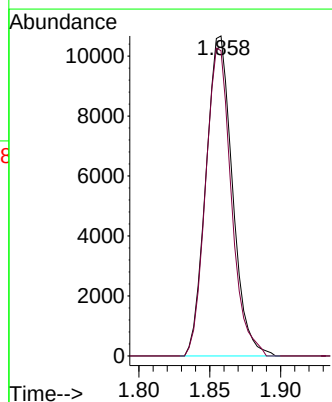
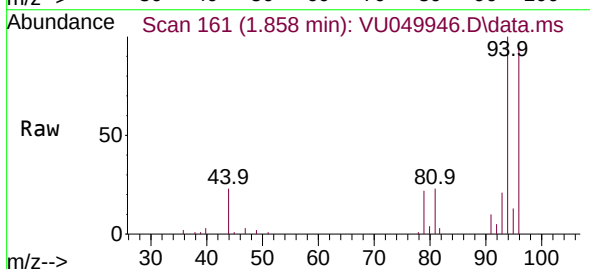
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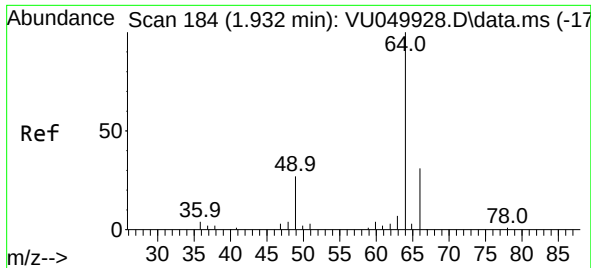
Tgt Ion: 94 Resp: 13888

Ion Ratio Lower Upper

94 100

96 95.4 62.6 116.3

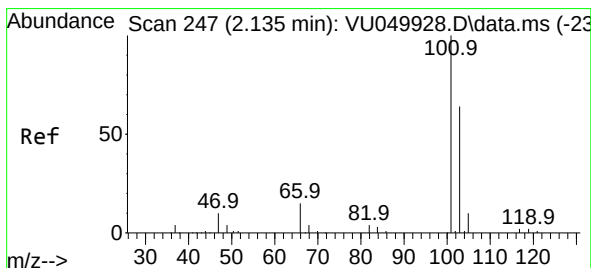
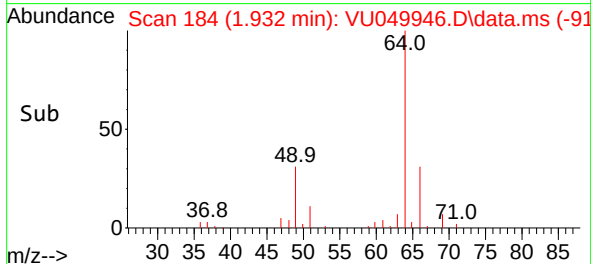
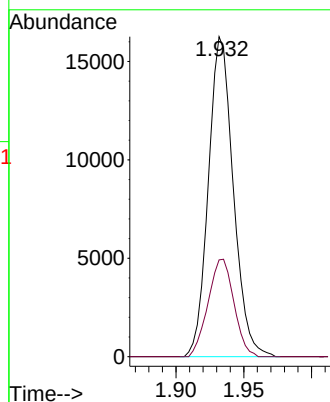
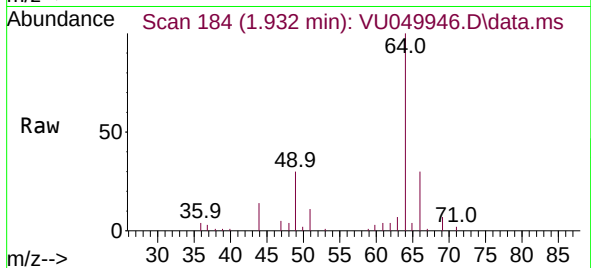




#8
Chloroethane
Concen: 6.417 ug/L
RT: 1.932 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU049946.D
Acq: 27 Jul 2022 05:50

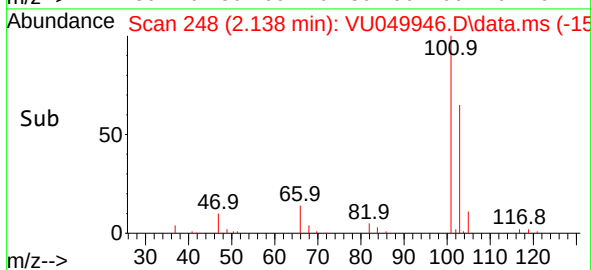
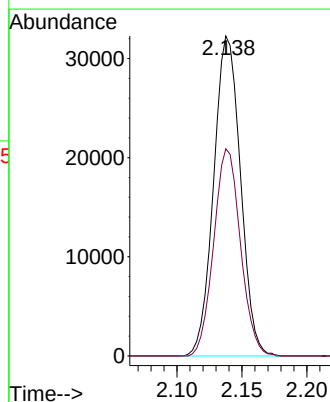
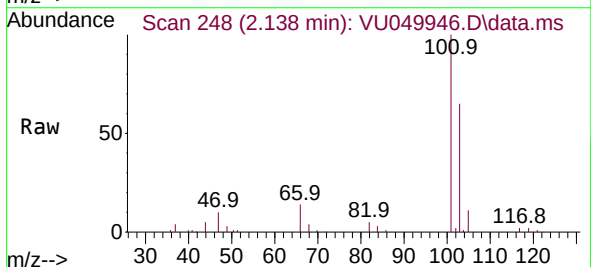
Instrument :
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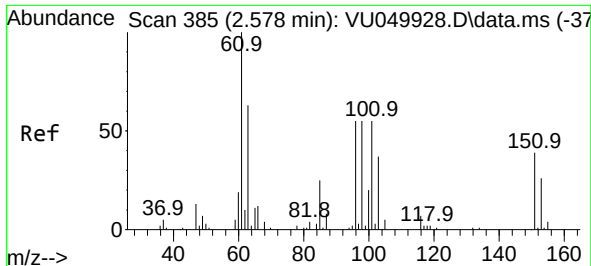
Tgt Ion: 64 Resp: 20792
Ion Ratio Lower Upper
64 100
66 30.2 22.7 42.3



#9
Trichlorofluoromethane
Concen: 6.696 ug/L
RT: 2.138 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU049946.D
Acq: 27 Jul 2022 05:50

Tgt Ion:101 Resp: 46287
Ion Ratio Lower Upper
101 100
103 64.5 50.8 76.2





#10

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

Concen: 7.018 ug/L

RT: 2.581 min Scan# 386

Delta R.T. 0.003 min

Lab File: VU049946.D

Acq: 27 Jul 2022 05:50

Instrument :

MSVOA_U

ClientSampleId :

GBJ27MS

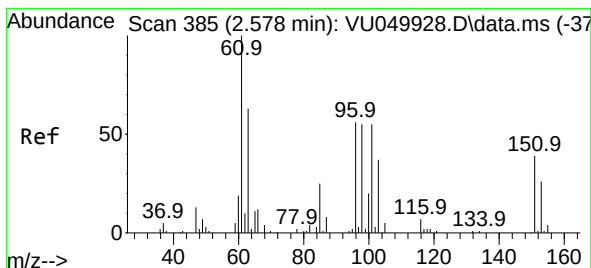
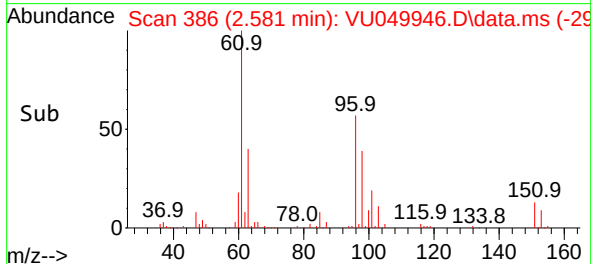
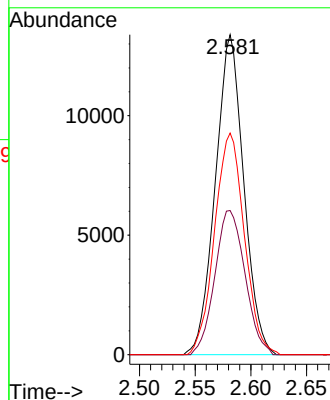
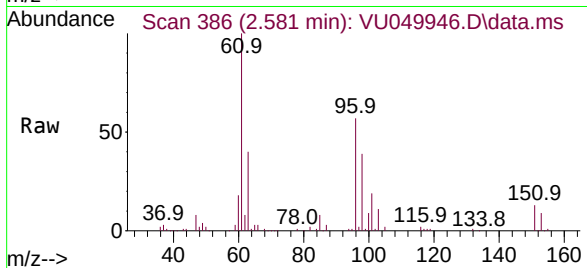
Tgt Ion:101 Resp: 23724

Ion Ratio Lower Upper

101 100

85 47.9 37.2 55.8

151 72.6 56.0 84.0



#12

1,1-Dichloroethene

Concen: 19.137 ug/L

RT: 2.581 min Scan# 386

Delta R.T. 0.003 min

Lab File: VU049946.D

Acq: 27 Jul 2022 05:50

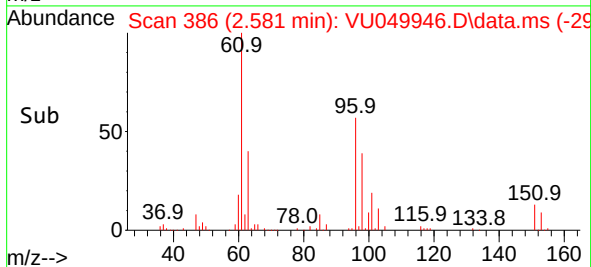
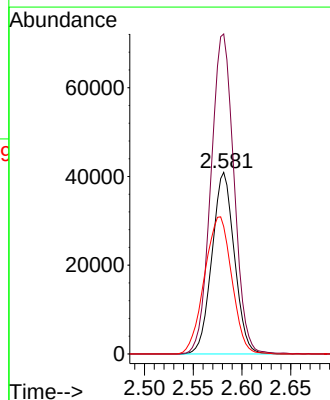
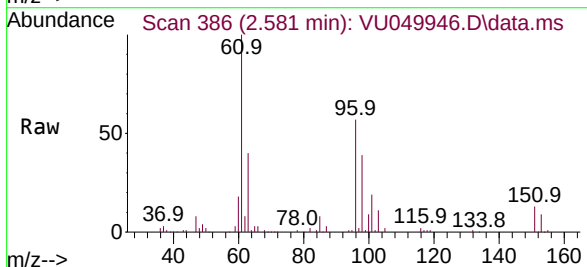
Tgt Ion: 96 Resp: 65466

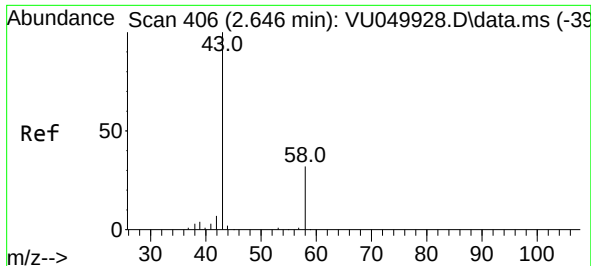
Ion Ratio Lower Upper

96 100

61 176.2 131.6 244.4

63 70.1 100.0 185.6#





#13

Acetone

Concen: 84.575 ug/L

RT: 2.633 min Scan# 406

Delta R.T. -0.013 min

Lab File: VU049946.D

Acq: 27 Jul 2022 05:50

Instrument :

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ClientSampleId :

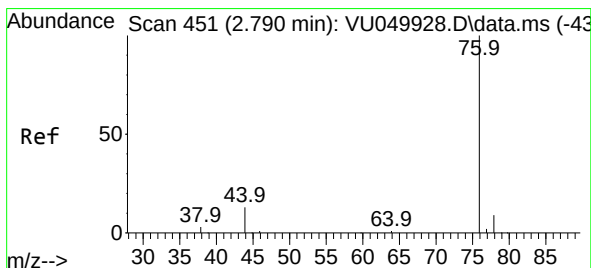
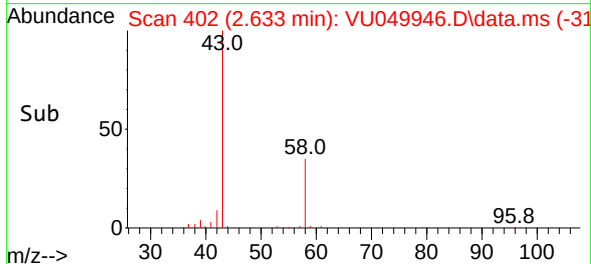
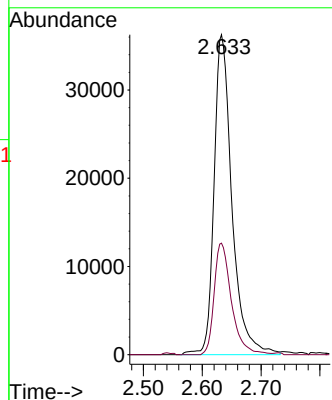
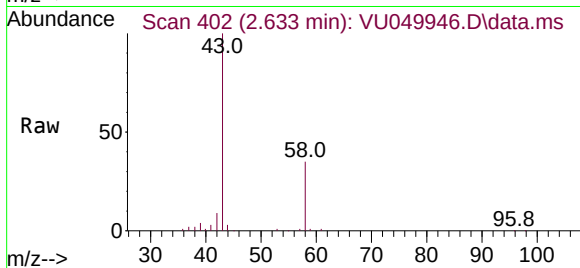
GBJ27MS

Tgt Ion: 43 Resp: 76716

Ion Ratio Lower Upper

43 100

58 33.7 0.0 61.0



#14

Carbon disulfide

Concen: 5.636 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.003 min

Lab File: VU049946.D

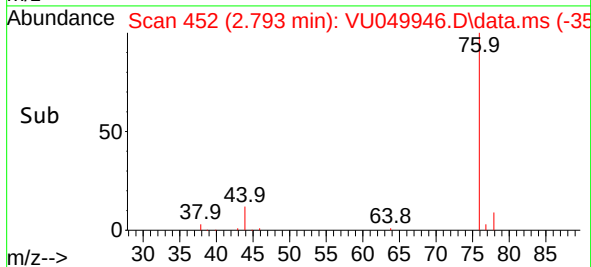
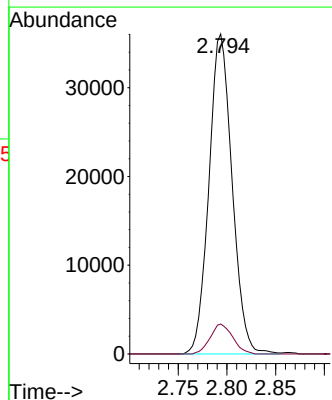
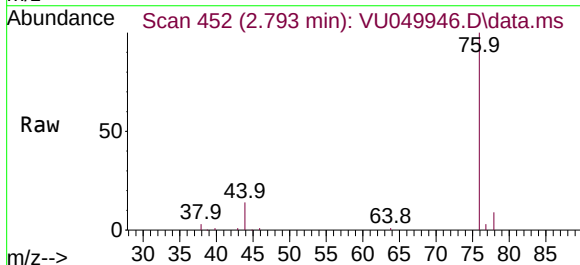
Acq: 27 Jul 2022 05:50

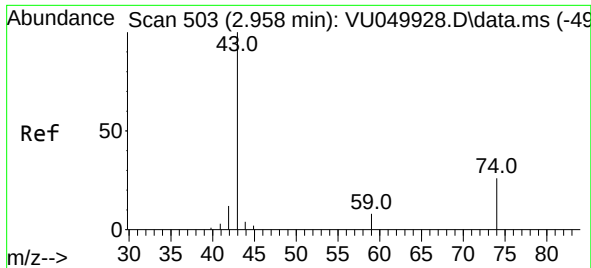
Tgt Ion: 76 Resp: 59643

Ion Ratio Lower Upper

76 100

78 9.4 7.8 11.6

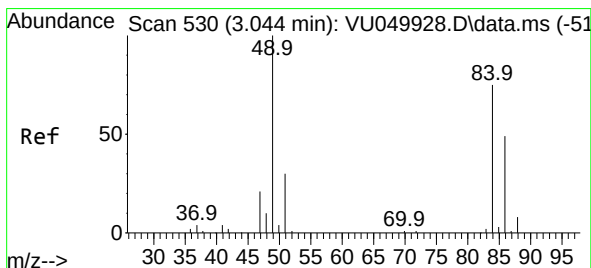
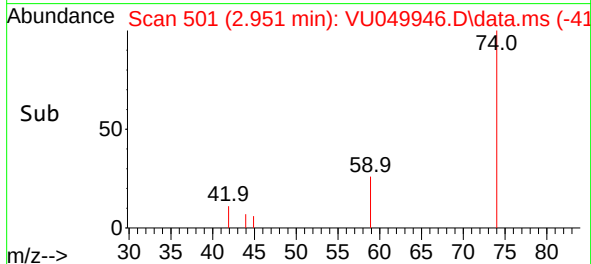
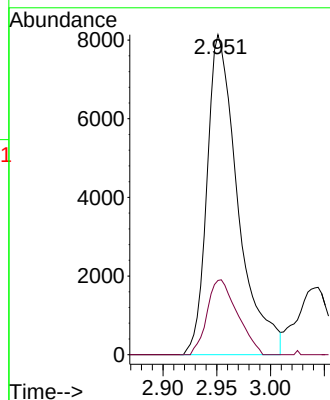
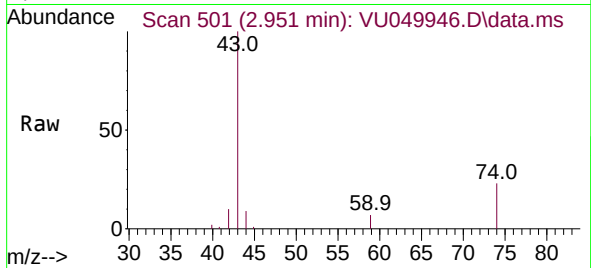




#15
Methyl Acetate
Concen: 7.193 ug/L
RT: 2.951 min Scan# 501
Delta R.T. -0.007 min
Lab File: VU049946.D
Acq: 27 Jul 2022 05:50

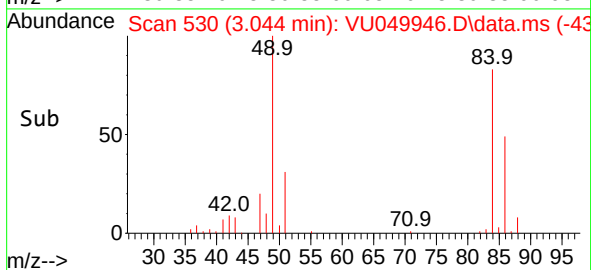
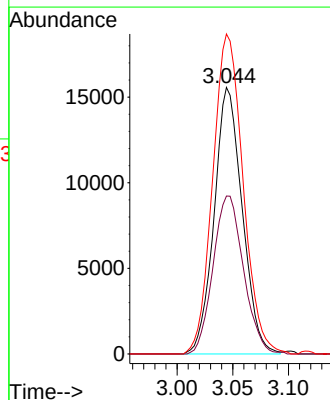
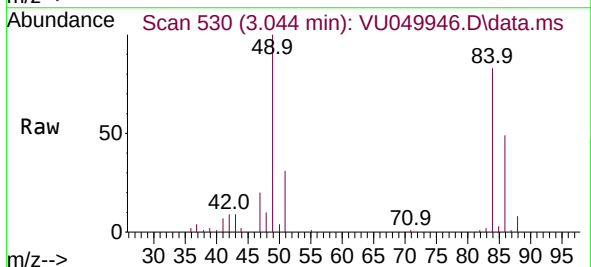
Instrument :
MSVOA_U
ClientSampleId :
GBJ27MS

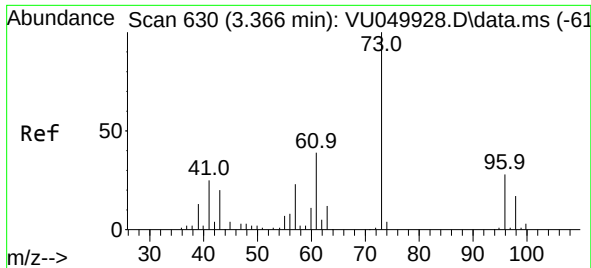
Tgt Ion: 43 Resp: 16267
Ion Ratio Lower Upper
43 100
74 22.9 17.1 25.7



#16
Methylene chloride
Concen: 3.538 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU049946.D
Acq: 27 Jul 2022 05:50

Tgt Ion: 84 Resp: 27300
Ion Ratio Lower Upper
84 100
86 59.2 45.5 84.5
49 120.1 94.1 174.8

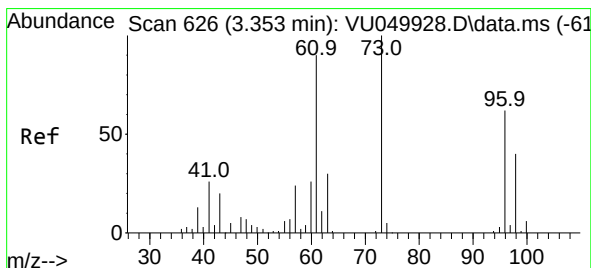
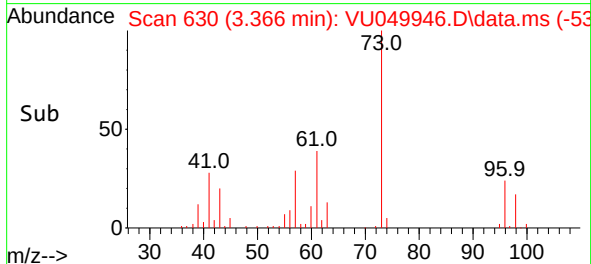
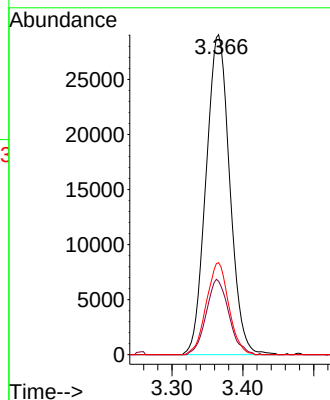
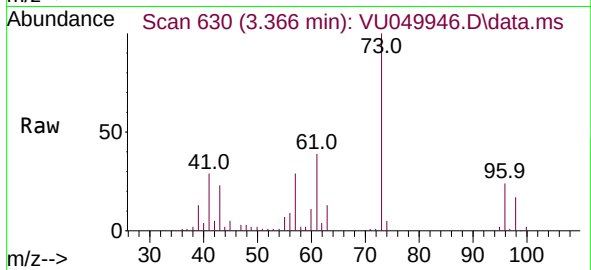




#17
Methyl tert-butyl Ether
Concen: 6.099 ug/L
RT: 3.366 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU049946.D
Acq: 27 Jul 2022 05:50

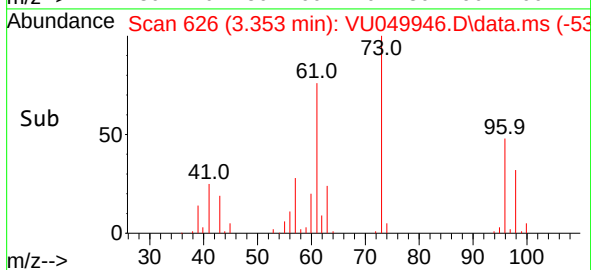
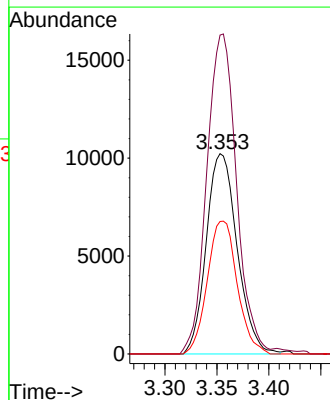
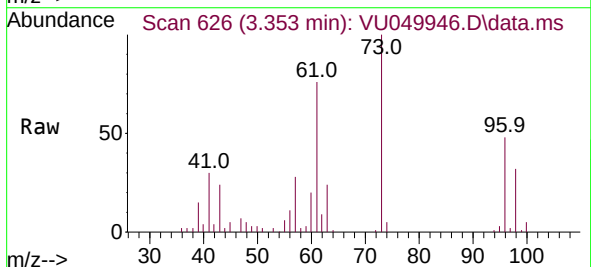
Instrument :
MSVOA_U
ClientSampleId :
GBJ27MS

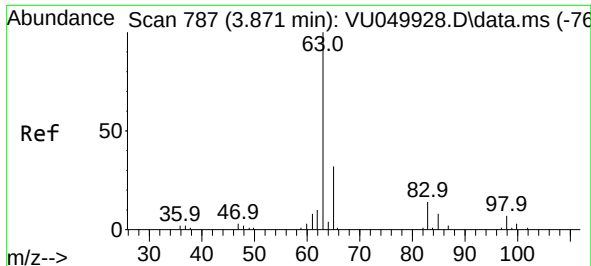
Tgt Ion: 73	Resp: 67590
Ion Ratio	Lower Upper
73 100	
43 22.5	17.4 26.2
57 27.2	18.7 28.1



#18
trans-1,2-Dichloroethene
Concen: 5.350 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.000 min
Lab File: VU049946.D
Acq: 27 Jul 2022 05:50

Tgt Ion: 96	Resp: 21153
Ion Ratio	Lower Upper
96 100	
61 159.2	101.5 188.5
98 66.1	42.5 78.9





#19

1,1-Dichloroethane

Concen: 15.450 ug/L

RT: 3.871 min Scan# 787

Delta R.T. -0.000 min

Lab File: VU049946.D

Acq: 27 Jul 2022 05:50

Instrument :

MSVOA_U

ClientSampleId :

GBJ27MS

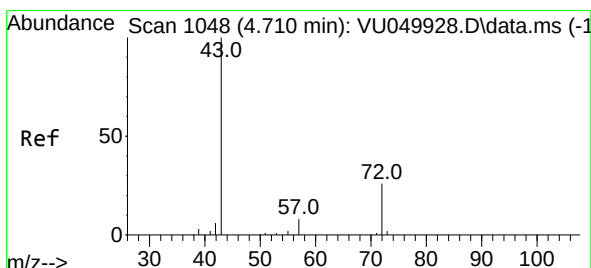
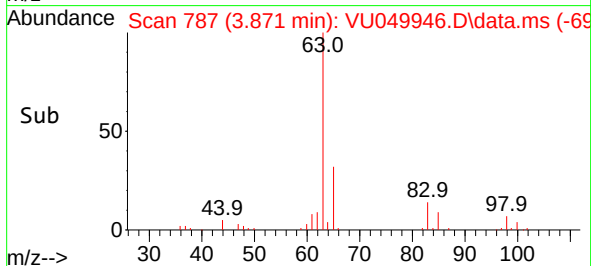
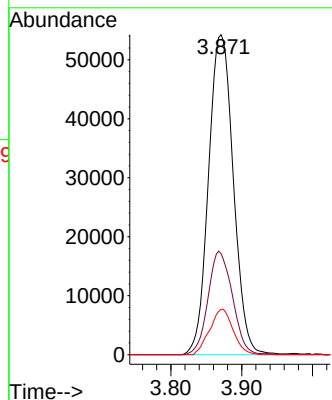
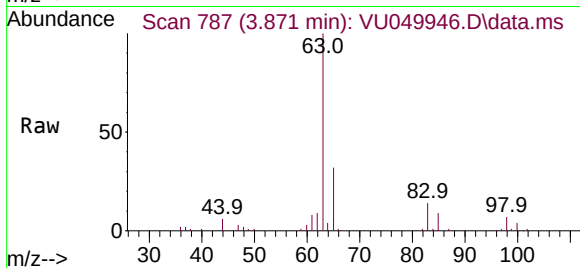
Tgt Ion: 63 Resp: 132039

Ion Ratio Lower Upper

63 100

65 31.6 22.5 41.9

83 14.1 8.3 15.5



#21

2-Butanone

Concen: 81.610 ug/L

RT: 4.707 min Scan# 1047

Delta R.T. -0.003 min

Lab File: VU049946.D

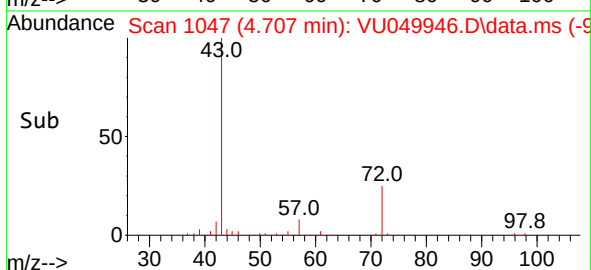
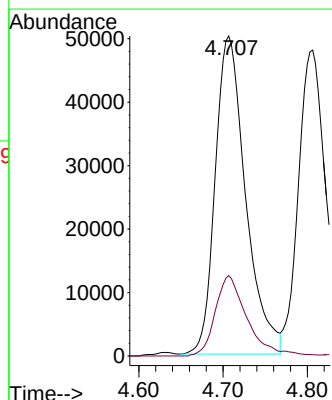
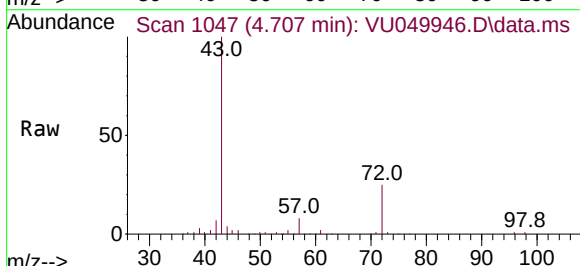
Acq: 27 Jul 2022 05:50

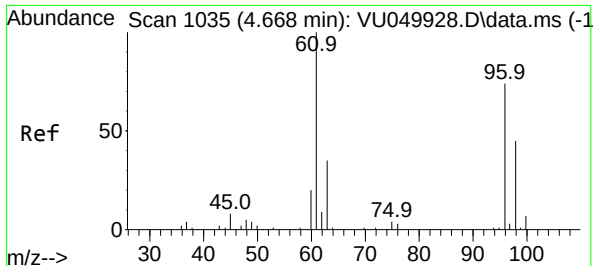
Tgt Ion: 43 Resp: 125548

Ion Ratio Lower Upper

43 100

72 26.4 11.9 35.5

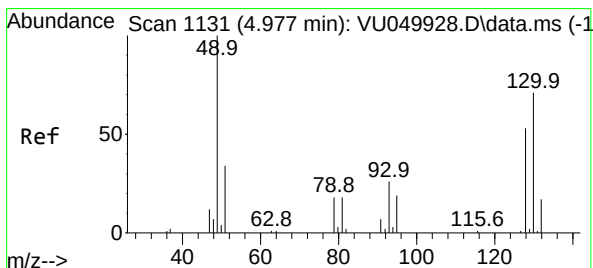
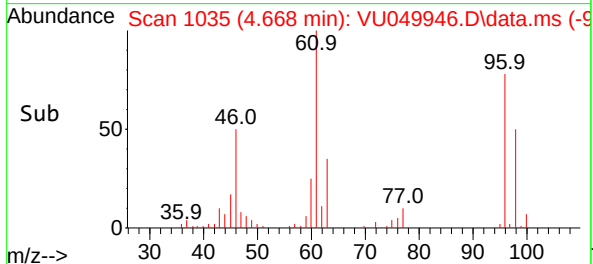
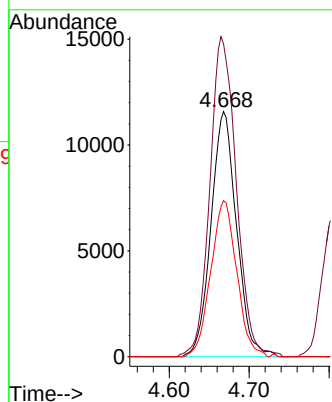
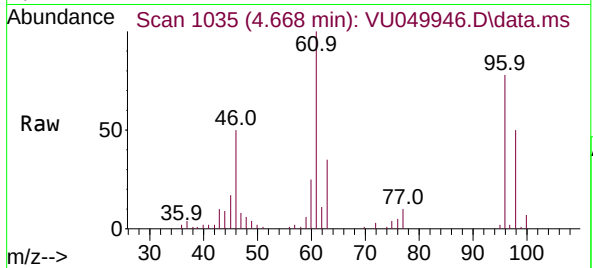




#22
 cis-1,2-Dichloroethene
 Concen: 5.614 ug/L
 RT: 4.668 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VU049946.D
 Acq: 27 Jul 2022 05:50

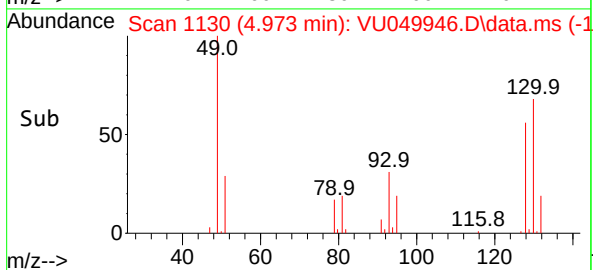
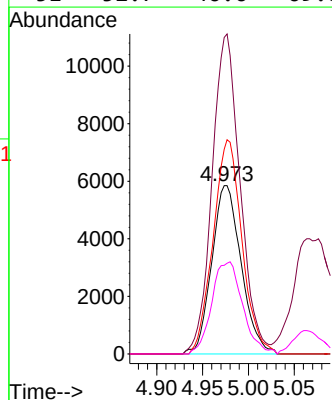
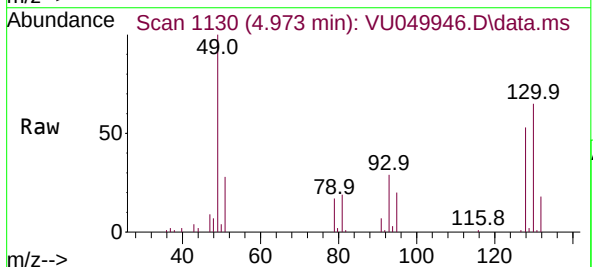
Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ27MS

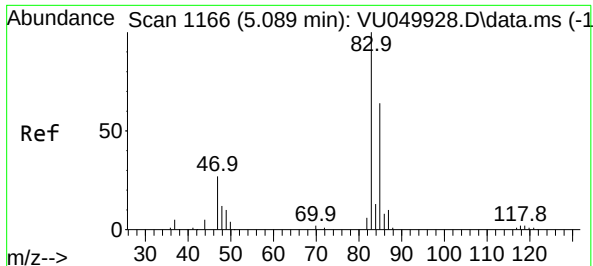
Tgt Ion: 96 Resp: 25710
 Ion Ratio Lower Upper
 96 100
 61 127.7 93.9 174.3
 98 63.7 43.9 81.5



#23
 Bromochloromethane
 Concen: 6.376 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. -0.003 min
 Lab File: VU049946.D
 Acq: 27 Jul 2022 05:50

Tgt Ion:128 Resp: 13043
 Ion Ratio Lower Upper
 128 100
 49 188.0 124.9 232.1
 130 121.6 88.5 164.3
 51 52.7 46.6 69.8





#25

Chloroform

Concen: 5.538 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU049946.D

Acq: 27 Jul 2022 05:50

Instrument :

MSVOA_U

ClientSampleId :

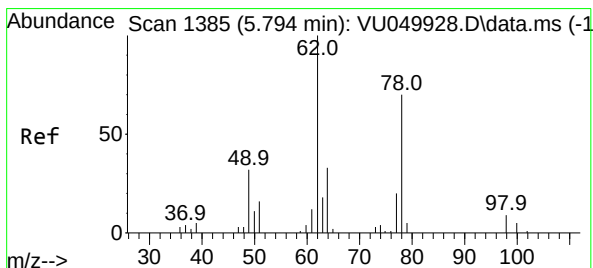
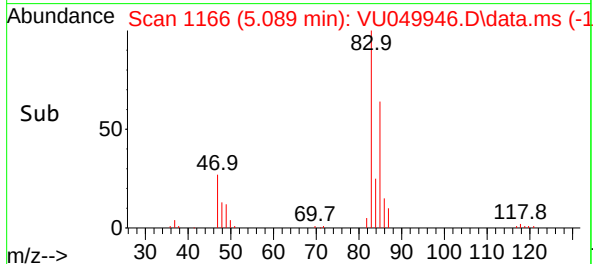
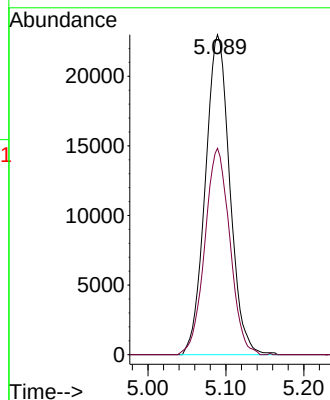
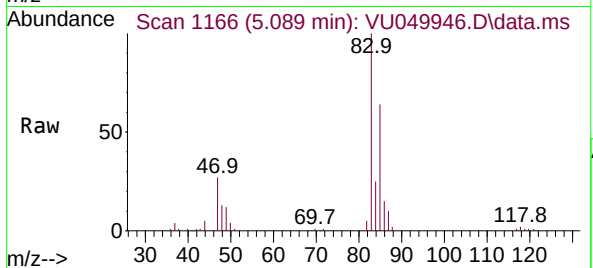
GBJ27MS

Tgt Ion: 83 Resp: 50206

Ion Ratio Lower Upper

83 100

85 64.5 45.5 84.5



#27

1,2-Dichloroethane

Concen: 6.007 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.000 min

Lab File: VU049946.D

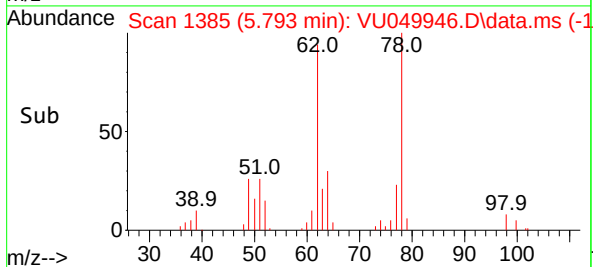
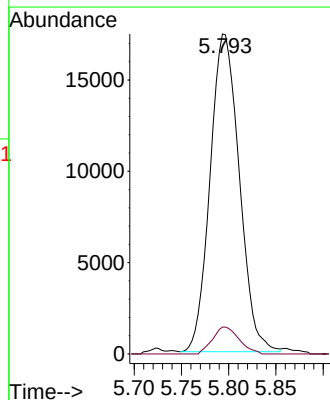
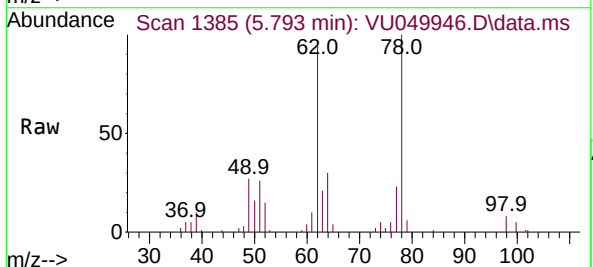
Acq: 27 Jul 2022 05:50

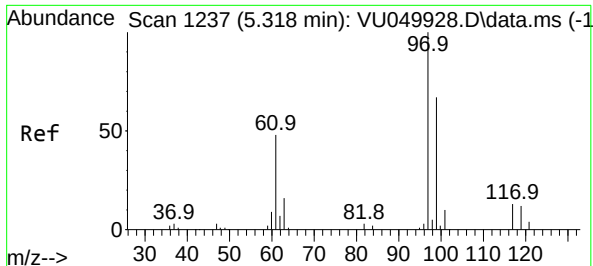
Tgt Ion: 62 Resp: 37407

Ion Ratio Lower Upper

62 100

98 8.4 5.9 8.9





#29

1,1,1-Trichloroethane

Concen: 8.647 ug/L

RT: 5.318 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU049946.D

Acq: 27 Jul 2022 05:50

Instrument :

MSVOA_U

ClientSampleId :

GBJ27MS

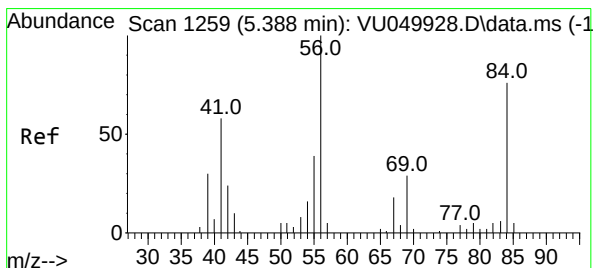
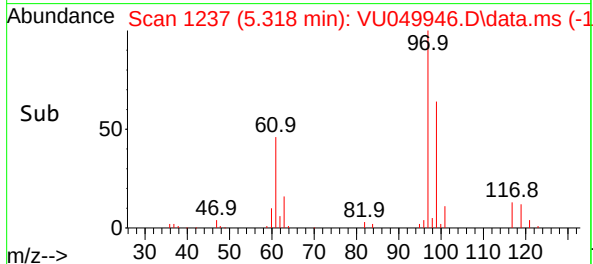
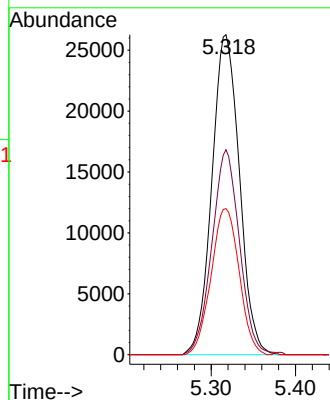
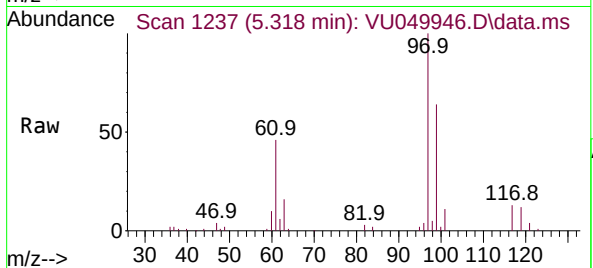
Tgt Ion: 97 Resp: 59599

Ion Ratio Lower Upper

97 100

99 64.2 51.8 77.8

61 46.5 38.3 57.5



#30

Cyclohexane

Concen: 6.703 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VU049946.D

Acq: 27 Jul 2022 05:50

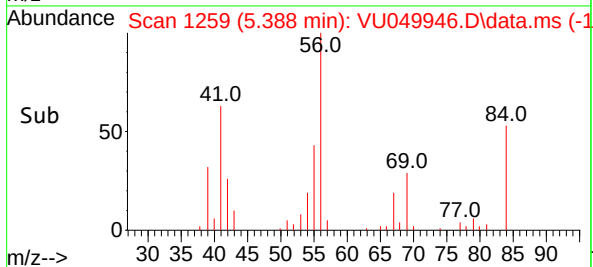
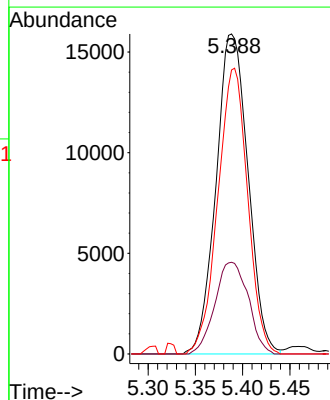
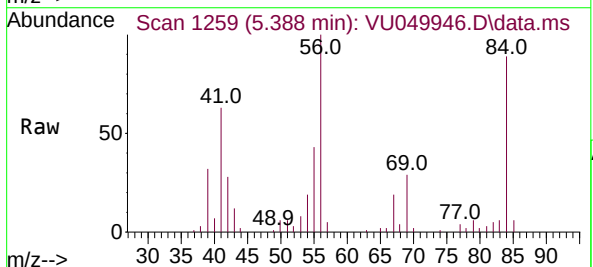
Tgt Ion: 56 Resp: 37410

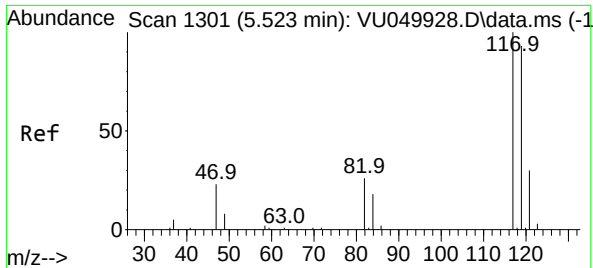
Ion Ratio Lower Upper

56 100

69 29.8 22.8 34.2

84 83.2 63.0 94.6

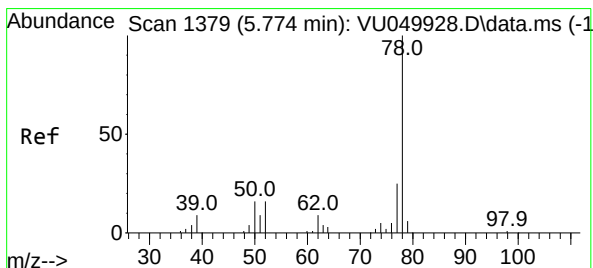
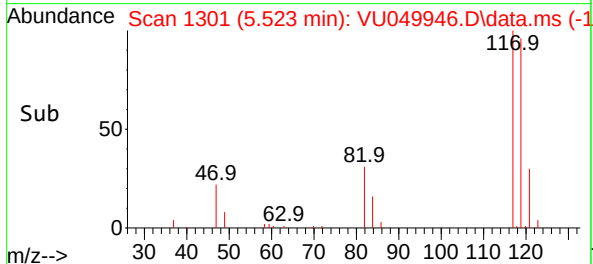
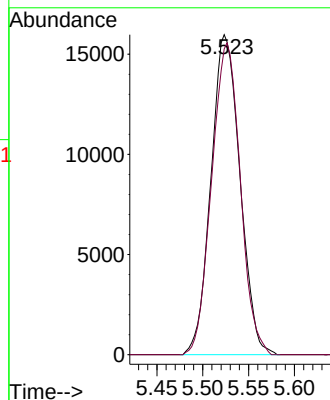
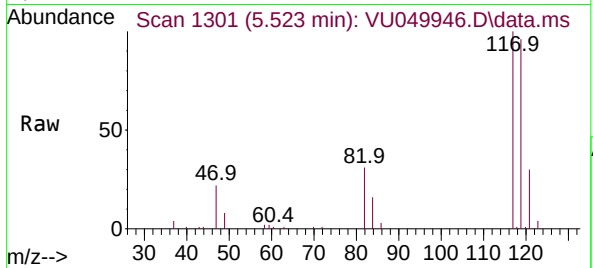




#31
Carbon tetrachloride
Concen: 6.275 ug/L
RT: 5.523 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU049946.D
Acq: 27 Jul 2022 05:50

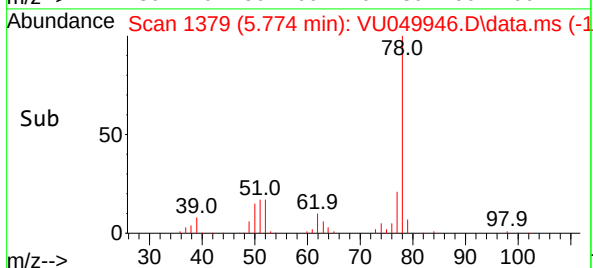
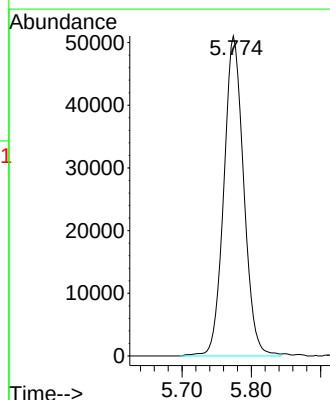
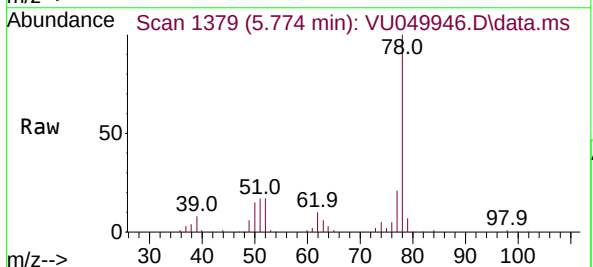
Instrument :
MSVOA_U
ClientSampleId :
GBJ27MS

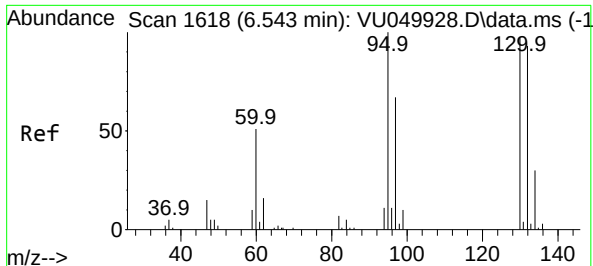
Tgt Ion:117 Resp: 35122
Ion Ratio Lower Upper
117 100
119 96.3 75.2 112.8



#33
Benzene
Concen: 5.724 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU049946.D
Acq: 27 Jul 2022 05:50

Tgt Ion: 78 Resp: 101980



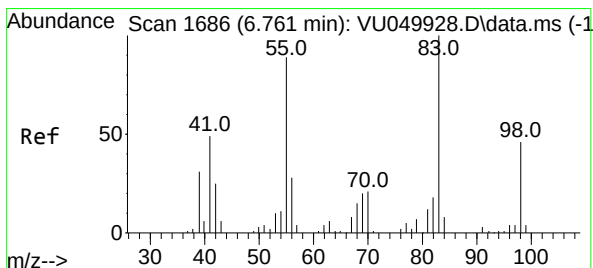
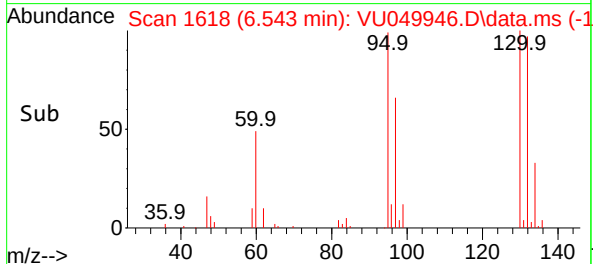
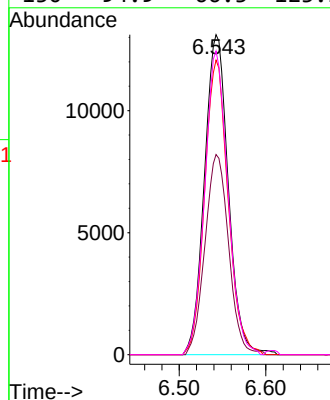
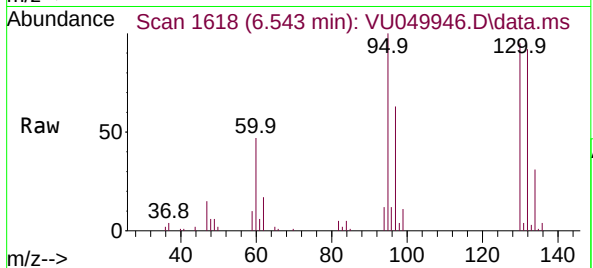


#34
Trichloroethene
Concen: 5.820 ug/L
RT: 6.543 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU049946.D
Acq: 27 Jul 2022 05:50

Instrument :
MSVOA_U
ClientSampleId :
GBJ27MS

Tgt Ion: 95 Resp: 25138

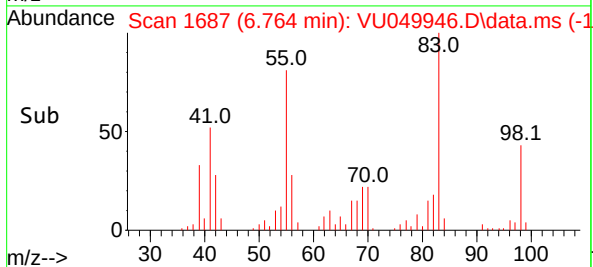
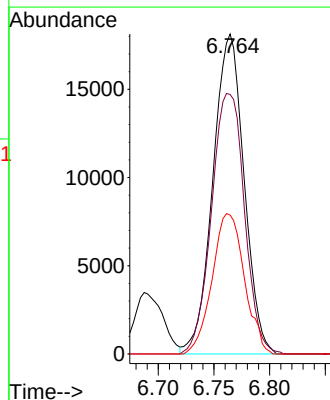
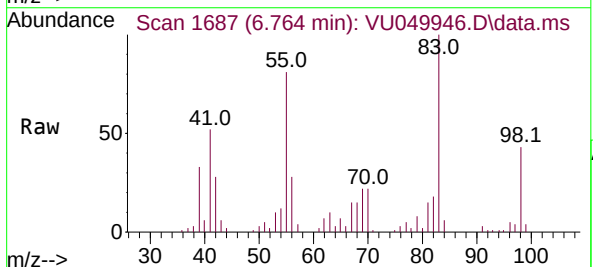
Ion	Ratio	Lower	Upper
95	100		
97	62.6	46.8	86.8
132	92.0	61.8	114.8
130	94.9	66.3	123.1

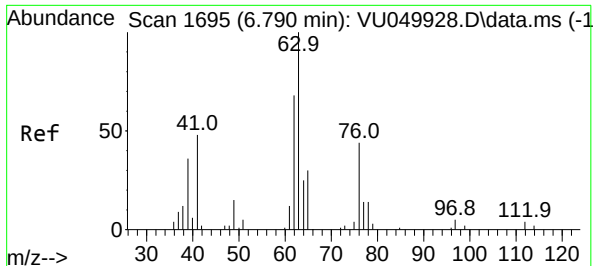


#35
Methylcyclohexane
Concen: 6.626 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.003 min
Lab File: VU049946.D
Acq: 27 Jul 2022 05:50

Tgt Ion: 83 Resp: 35303

Ion	Ratio	Lower	Upper
83	100		
55	86.1	69.0	103.4
98	45.4	36.4	54.6

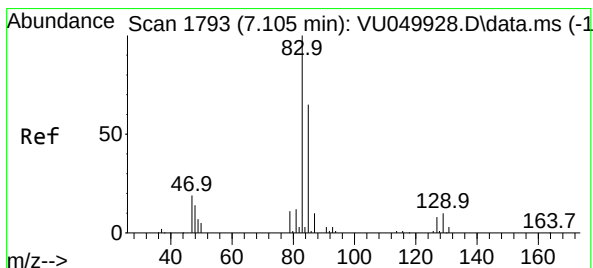
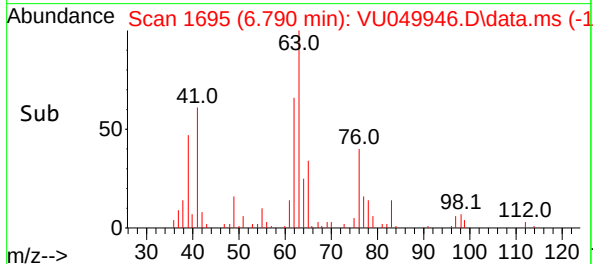
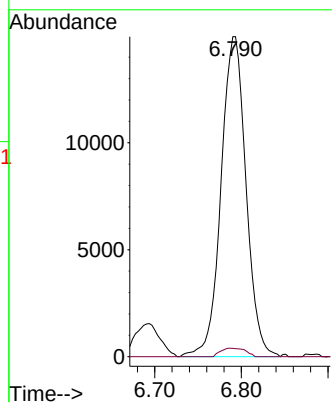
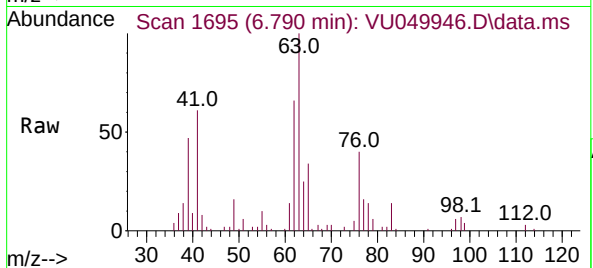




#37
1,2-Dichloropropane
Concen: 5.900 ug/L
RT: 6.790 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU049946.D
Acq: 27 Jul 2022 05:50

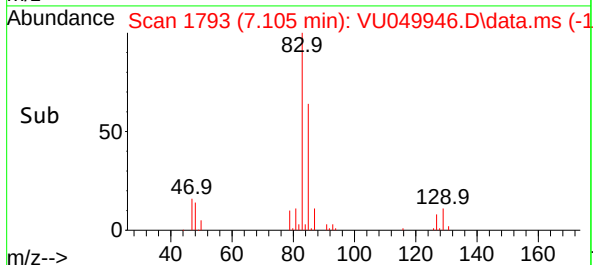
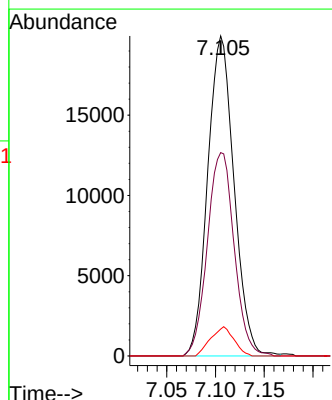
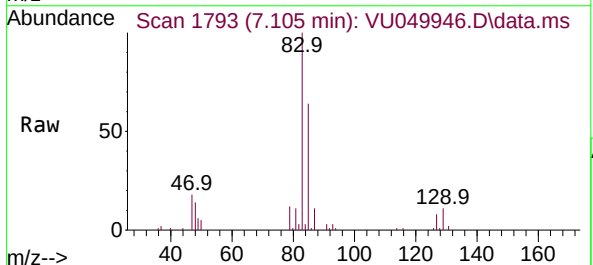
Instrument :
MSVOA_U
ClientSampleId :
GBJ27MS

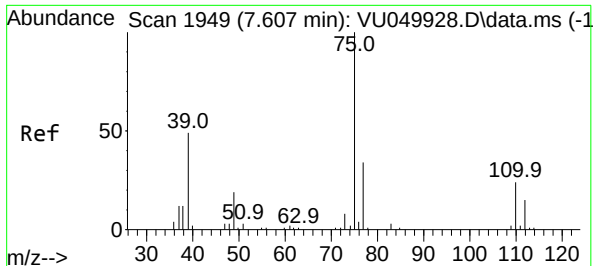
Tgt Ion: 63 Resp: 29957
Ion Ratio Lower Upper
63 100
112 2.6 2.8 4.2#



#38
Bromodichloromethane
Concen: 5.901 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VU049946.D
Acq: 27 Jul 2022 05:50

Tgt Ion: 83 Resp: 37437
Ion Ratio Lower Upper
83 100
85 63.5 45.9 85.3
127 8.4 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 4.971 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU049946.D

Acq: 27 Jul 2022 05:50

Instrument :

MSVOA_U

ClientSampleId :

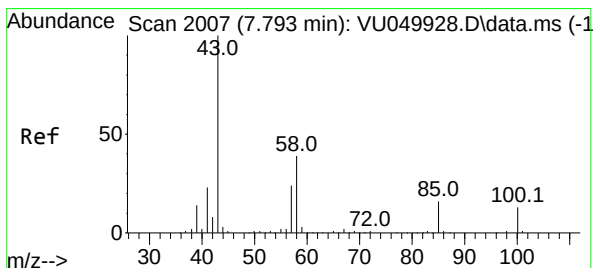
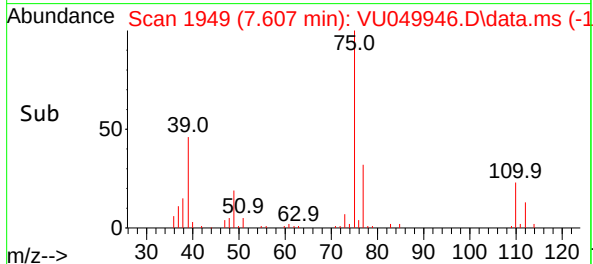
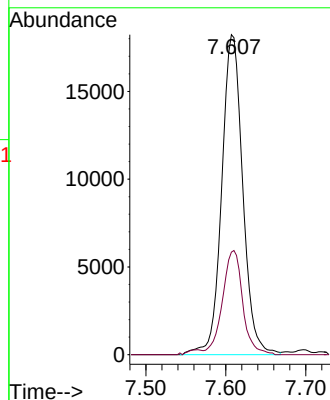
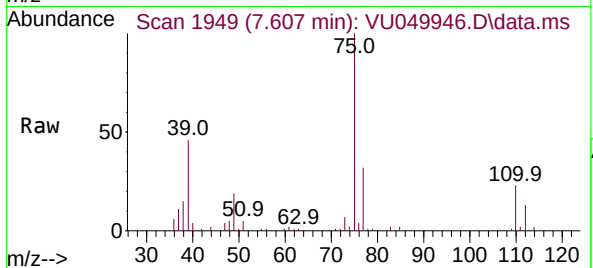
GBJ27MS

Tgt Ion: 75 Resp: 33262

Ion Ratio Lower Upper

75 100

77 32.1 21.6 40.0



#40

4-Methyl-2-pentanone

Concen: 79.111 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.003 min

Lab File: VU049946.D

Acq: 27 Jul 2022 05:50

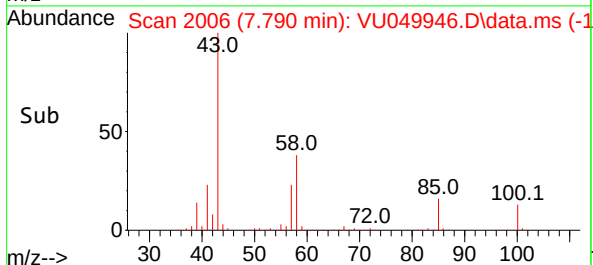
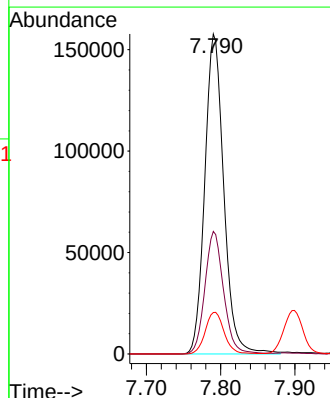
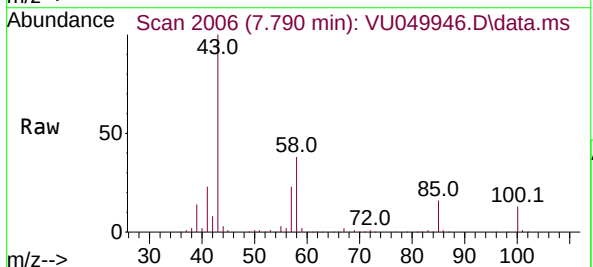
Tgt Ion: 43 Resp: 280189

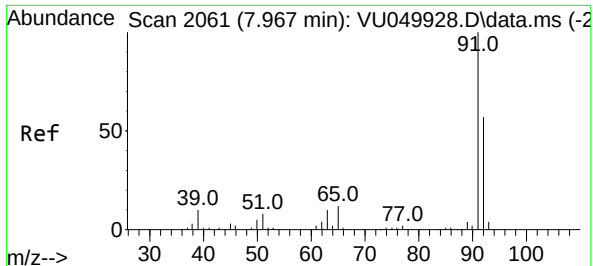
Ion Ratio Lower Upper

43 100

58 37.8 31.0 46.4

100 13.0 10.4 15.6





#42

Toluene

Concen: 5.822 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU049946.D

Acq: 27 Jul 2022 05:50

Instrument :

MSVOA_U

ClientSampleId :

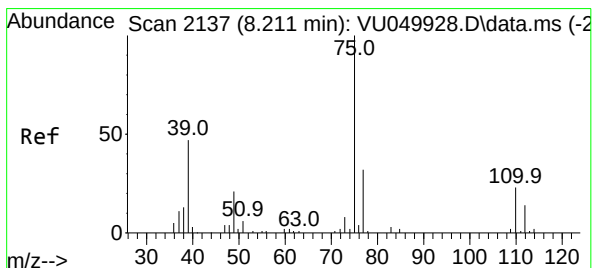
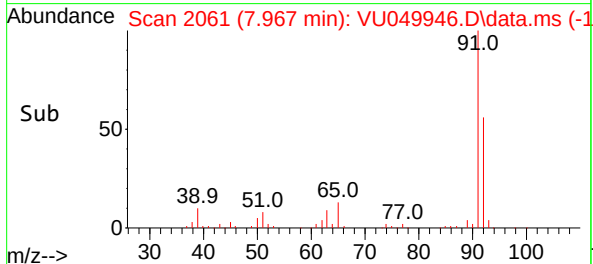
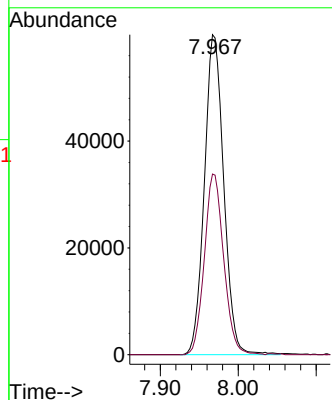
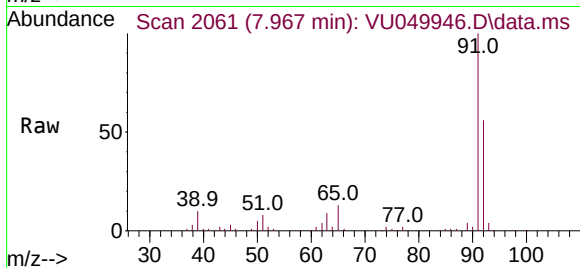
GBJ27MS

Tgt Ion: 91 Resp: 103746

Ion Ratio Lower Upper

91 100

92 56.4 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 5.519 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU049946.D

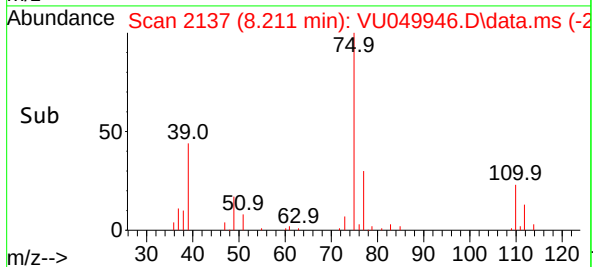
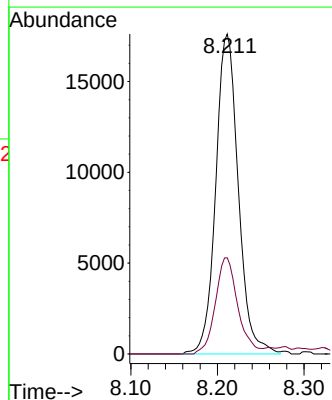
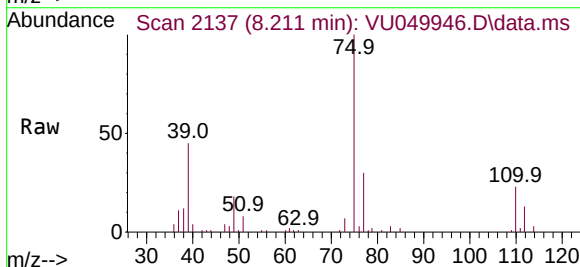
Acq: 27 Jul 2022 05:50

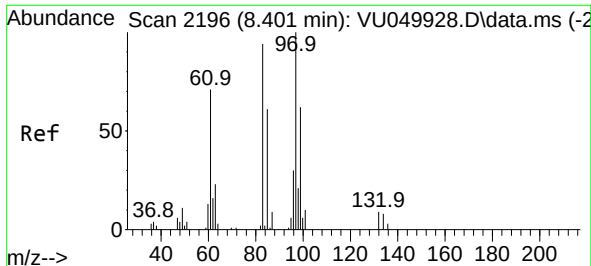
Tgt Ion: 75 Resp: 31880

Ion Ratio Lower Upper

75 100

77 30.1 21.2 39.4

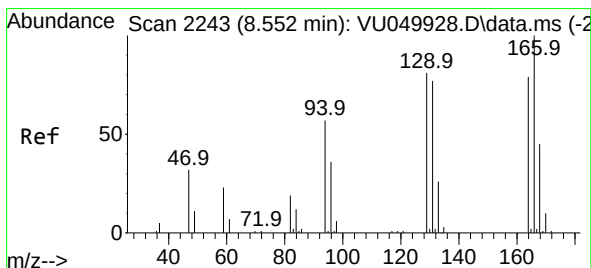
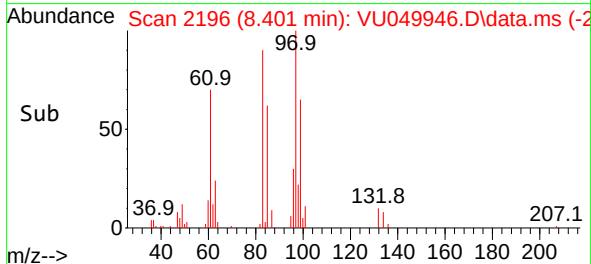
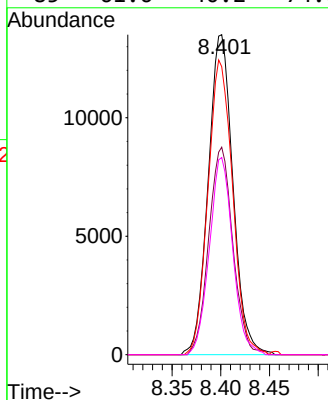
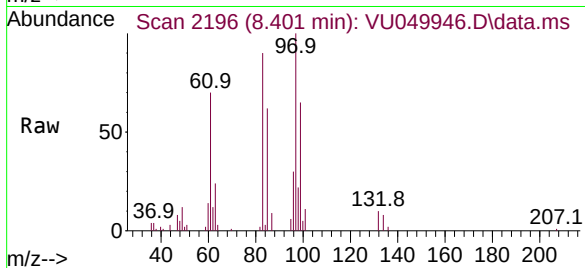




#45
1,1,2-Trichloroethane
Concen: 6.587 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU049946.D
Acq: 27 Jul 2022 05:50

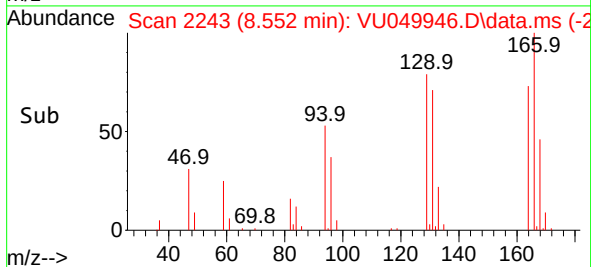
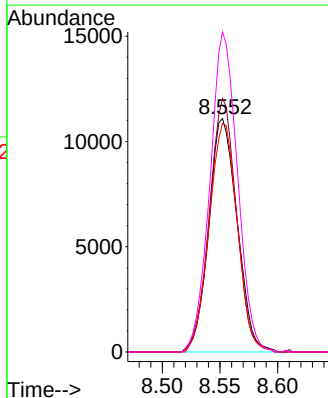
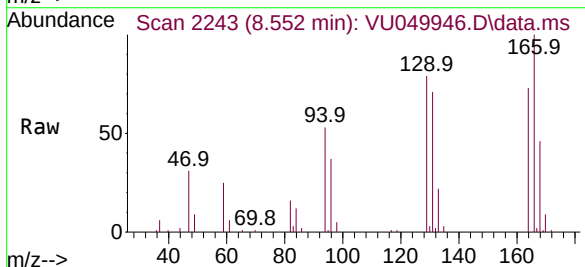
Instrument :
MSVOA_U
ClientSampleId :
GBJ27MS

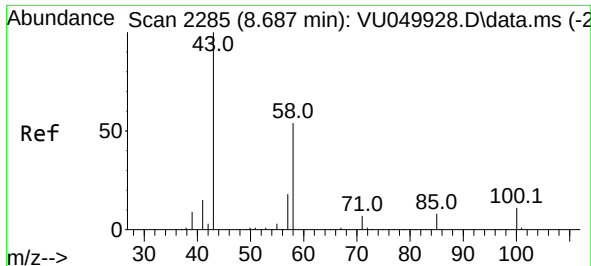
Tgt Ion:	97	Resp:	23869
Ion	Ratio	Lower	Upper
97	100		
99	64.8	43.8	81.3
83	90.0	62.4	115.8
85	61.6	40.2	74.6



#47
Tetrachloroethene
Concen: 6.359 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU049946.D
Acq: 27 Jul 2022 05:50

Tgt Ion:	164	Resp:	18910
Ion	Ratio	Lower	Upper
164	100		
129	108.6	68.9	127.9
131	97.9	67.5	125.4
166	137.1	89.2	165.8



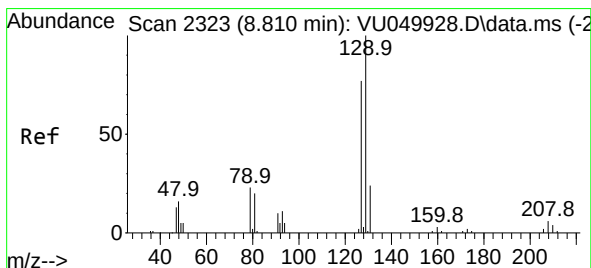
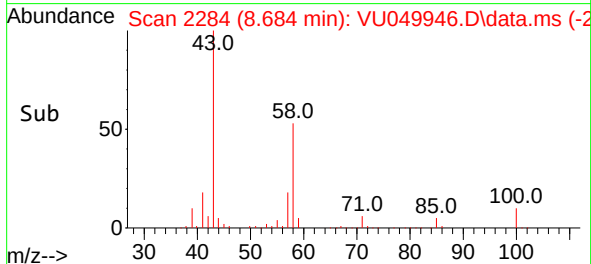
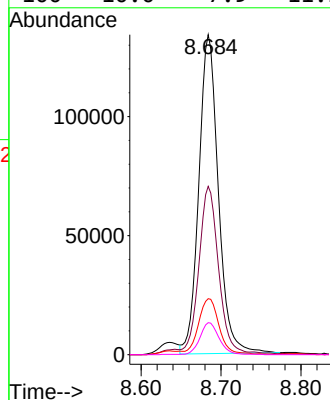
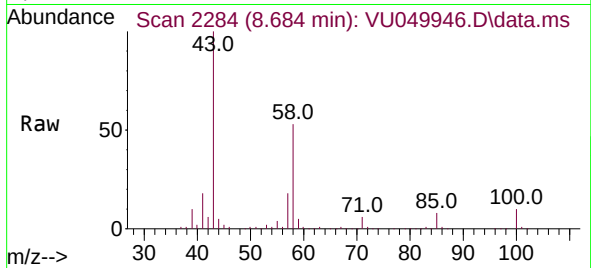


#48
2-Hexanone
Concen: 86.133 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049946.D
Acq: 27 Jul 2022 05:50

Instrument :
MSVOA_U
ClientSampleId :
GBJ27MS

Tgt Ion: 43 Resp: 227683

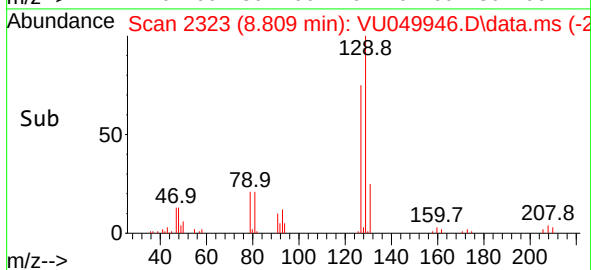
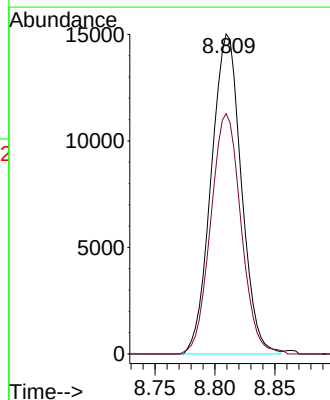
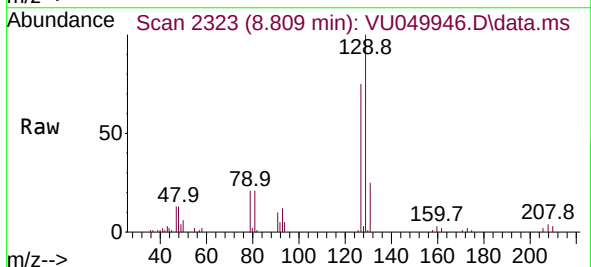
Ion	Ratio	Lower	Upper
43	100		
58	51.6	42.1	63.1
57	18.8	14.3	21.5
100	10.0	7.9	11.9

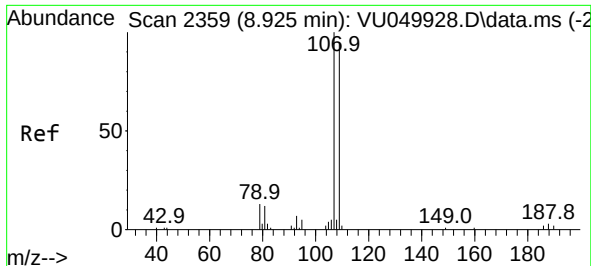


#49
Dibromochloromethane
Concen: 6.458 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU049946.D
Acq: 27 Jul 2022 05:50

Tgt Ion: 129 Resp: 26157

Ion	Ratio	Lower	Upper
129	100		
127	75.1	50.5	93.7





#50

1,2-Dibromoethane

Concen: 6.790 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU049946.D

Acq: 27 Jul 2022 05:50

Instrument :

MSVOA_U

ClientSampleId :

GBJ27MS

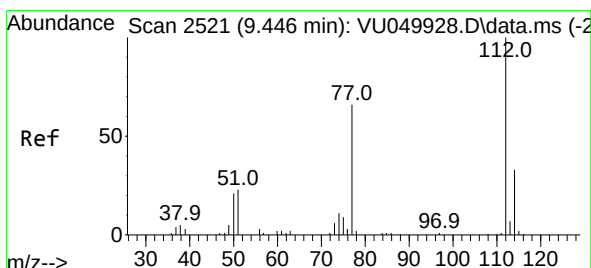
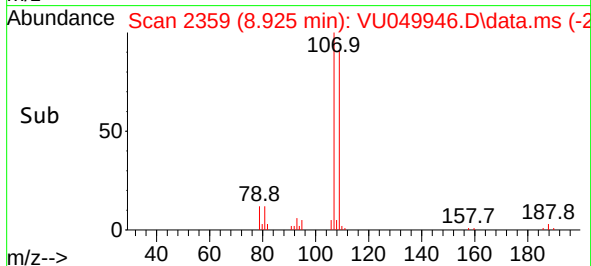
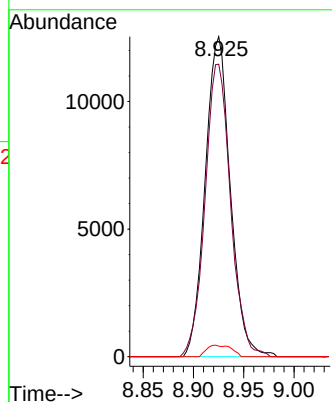
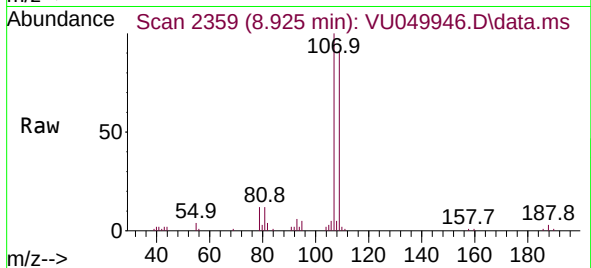
Tgt Ion:107 Resp: 21850

Ion Ratio Lower Upper

107 100

109 91.4 65.6 121.8

188 3.3 2.8 4.2



#51

Chlorobenzene

Concen: 5.233 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU049946.D

Acq: 27 Jul 2022 05:50

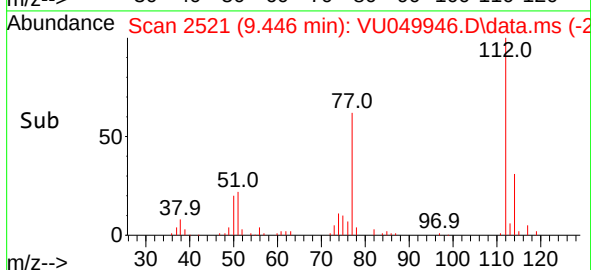
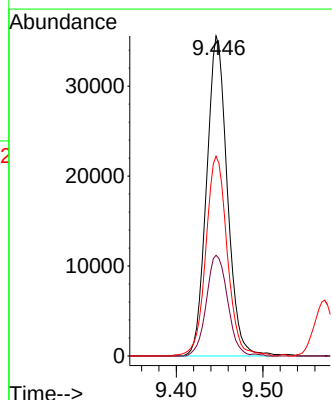
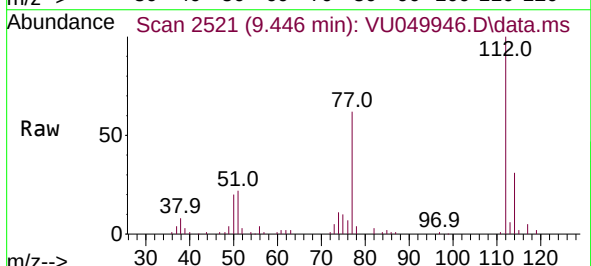
Tgt Ion:112 Resp: 59193

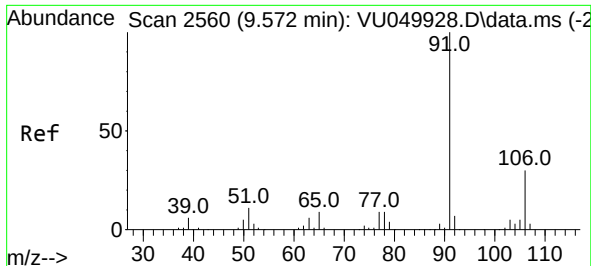
Ion Ratio Lower Upper

112 100

114 31.4 22.4 41.6

77 62.4 51.2 76.8





#52

Ethylbenzene

Concen: 5.266 ug/L

RT: 9.571 min Scan# 2560

Delta R.T. -0.000 min

Lab File: VU049946.D

Acq: 27 Jul 2022 05:50

Instrument :

MSVOA_U

ClientSampleId :

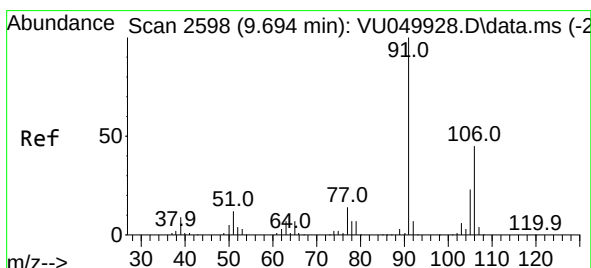
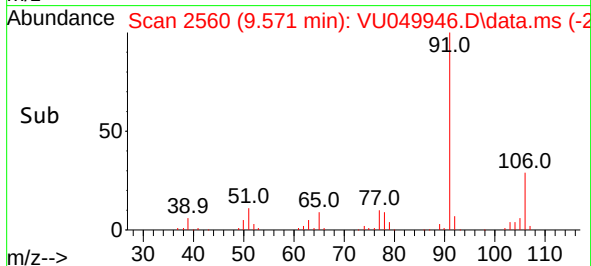
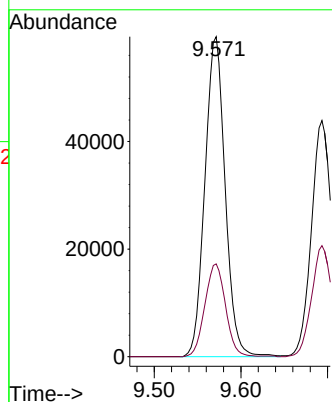
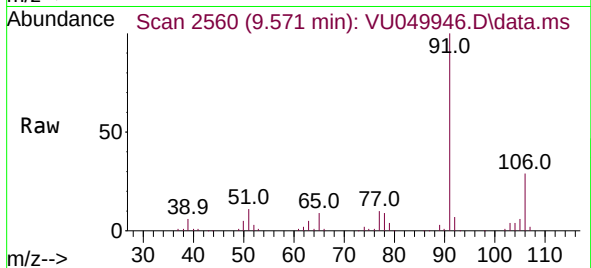
GBJ27MS

Tgt Ion: 91 Resp: 96480

Ion Ratio Lower Upper

91 100

106 29.0 20.6 38.4



#53

m,p-Xylene

Concen: 5.132 ug/L

RT: 9.694 min Scan# 2598

Delta R.T. -0.000 min

Lab File: VU049946.D

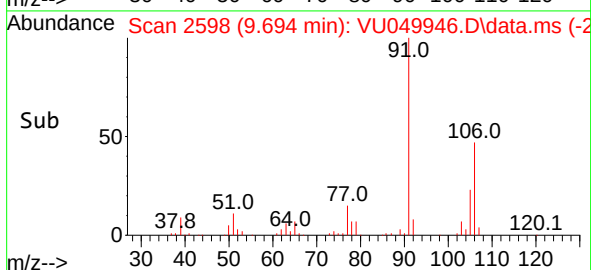
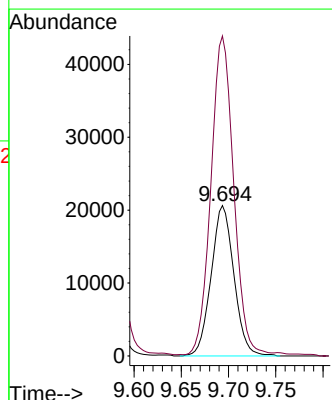
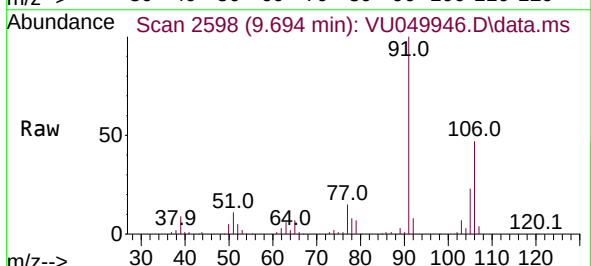
Acq: 27 Jul 2022 05:50

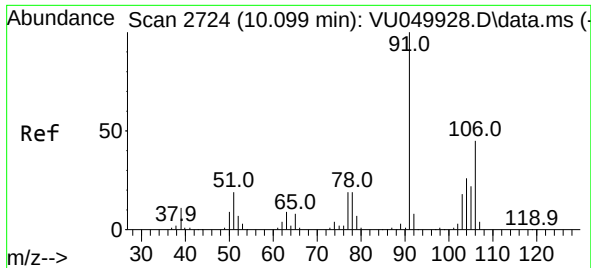
Tgt Ion: 106 Resp: 34589

Ion Ratio Lower Upper

106 100

91 212.7 149.7 277.9

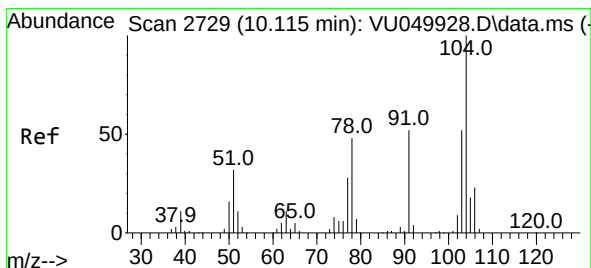
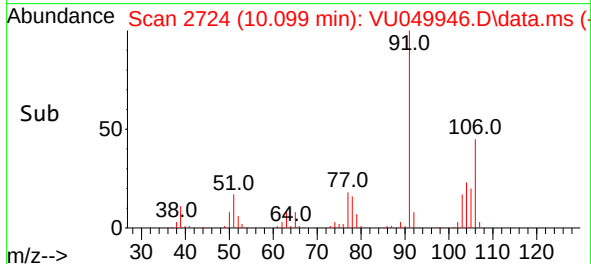
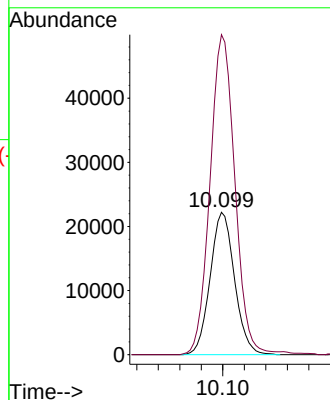
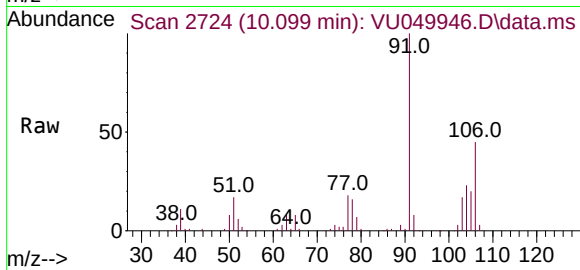




#54
o-Xylene
Concen: 5.245 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU049946.D
Acq: 27 Jul 2022 05:50

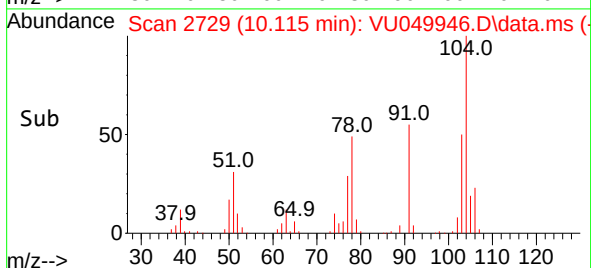
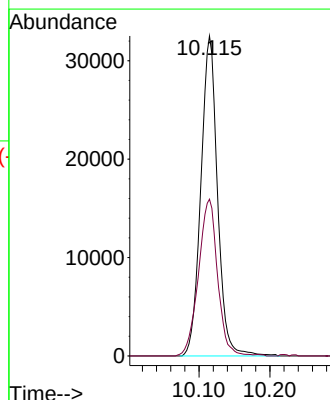
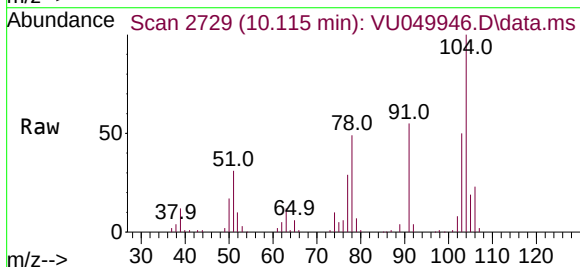
Instrument :
MSVOA_U
ClientSampleId :
GBJ27MS

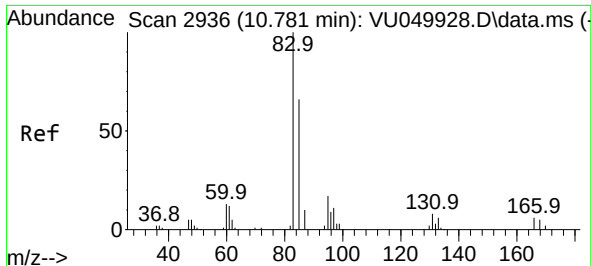
Tgt Ion:106 Resp: 34932
Ion Ratio Lower Upper
106 100
91 224.6 159.4 296.0



#55
Styrene
Concen: 4.707 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU049946.D
Acq: 27 Jul 2022 05:50

Tgt Ion:104 Resp: 53099
Ion Ratio Lower Upper
104 100
78 49.0 35.1 65.3





#57

1,1,2,2-Tetrachloroethane

Concen: 7.697 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. -0.000 min

Lab File: VU049946.D

Acq: 27 Jul 2022 05:50

Instrument :

MSVOA_U

ClientSampleId :

GBJ27MS

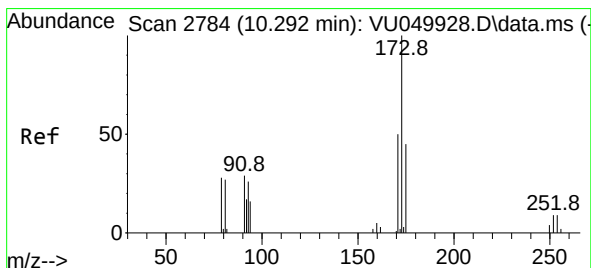
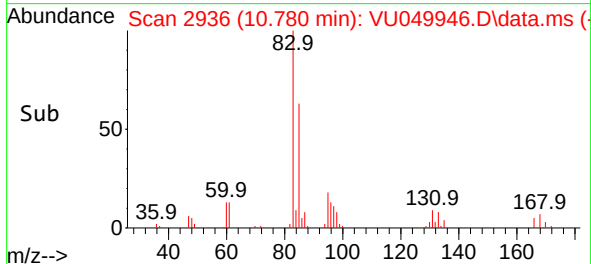
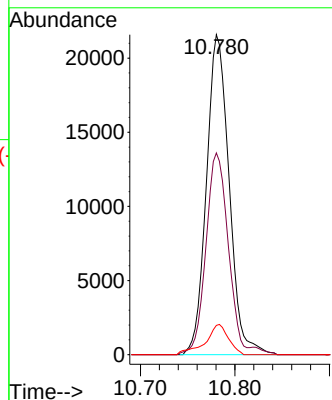
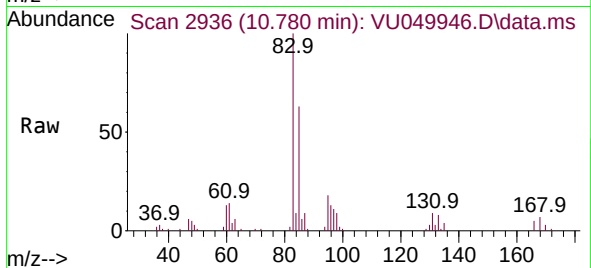
Tgt Ion: 83 Resp: 36027

Ion Ratio Lower Upper

83 100

85 63.0 47.9 89.1

131 9.2 7.3 10.9



#59

Bromoform

Concen: 7.205 ug/L

RT: 10.292 min Scan# 2784

Delta R.T. -0.000 min

Lab File: VU049946.D

Acq: 27 Jul 2022 05:50

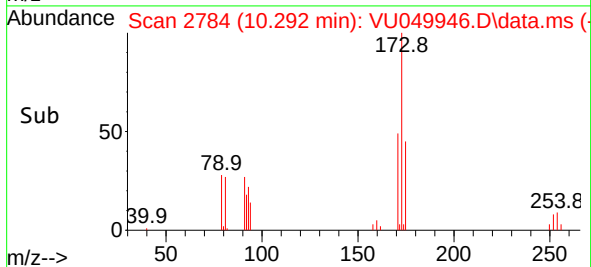
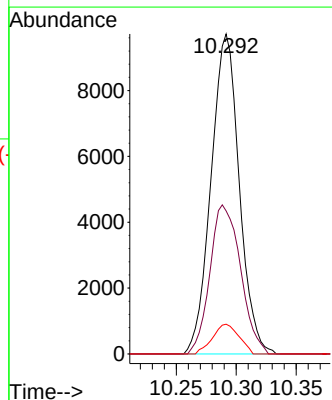
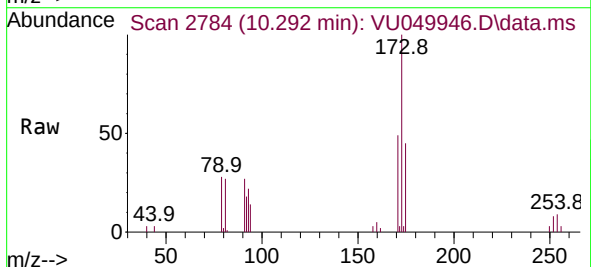
Tgt Ion:173 Resp: 15868

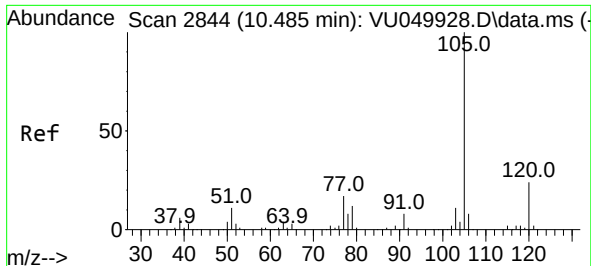
Ion Ratio Lower Upper

173 100

175 50.6 39.5 59.3

254 8.7 7.5 11.3

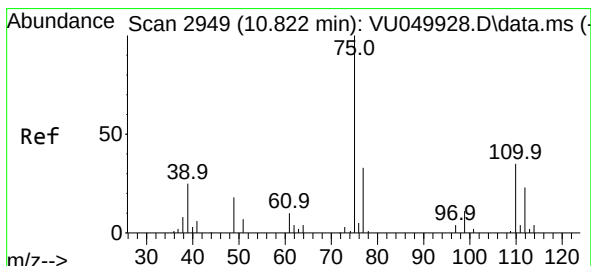
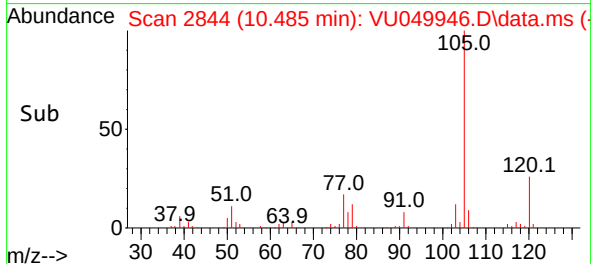
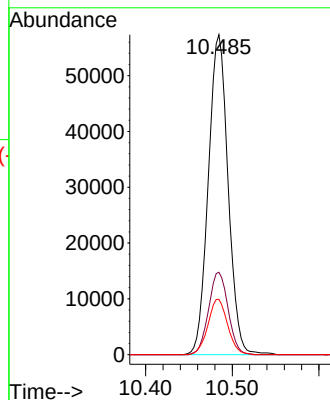
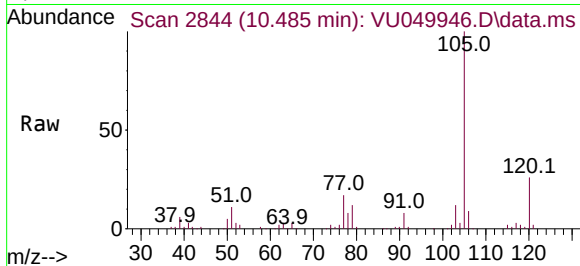




#60
Isopropylbenzene
Concen: 5.433 ug/L
RT: 10.485 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU049946.D
Acq: 27 Jul 2022 05:50

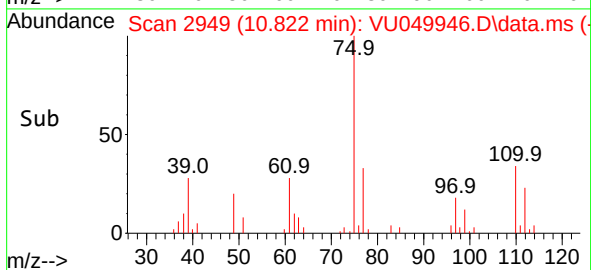
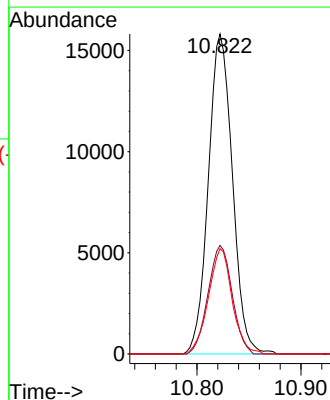
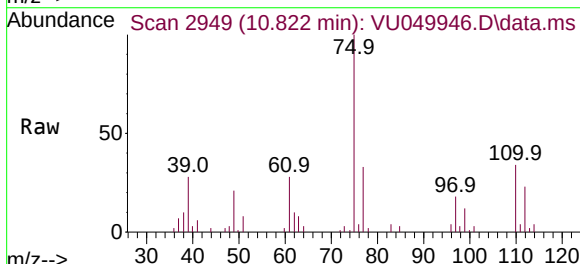
Instrument :
MSVOA_U
ClientSampleId :
GBJ27MS

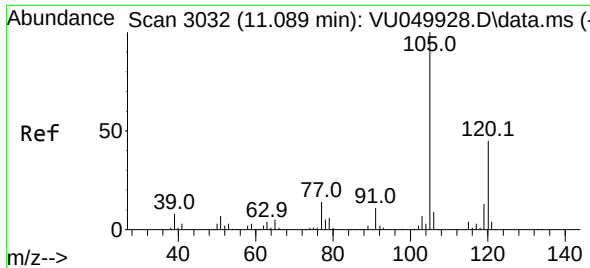
Tgt Ion:105 Resp: 90950
Ion Ratio Lower Upper
105 100
120 25.5 20.4 30.6
77 17.2 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 7.551 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU049946.D
Acq: 27 Jul 2022 05:50

Tgt Ion: 75 Resp: 25457
Ion Ratio Lower Upper
75 100
110 33.9 28.0 42.0
77 32.5 25.4 38.2

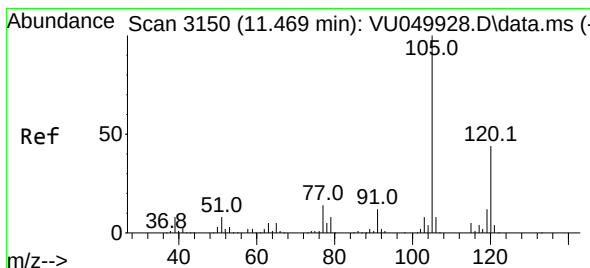
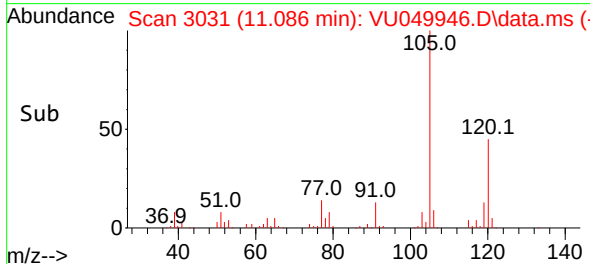
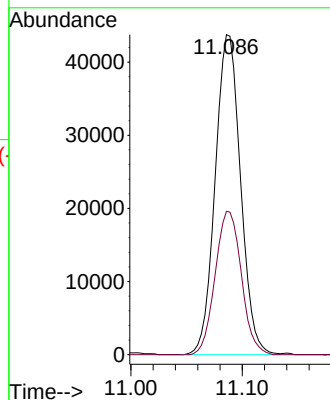
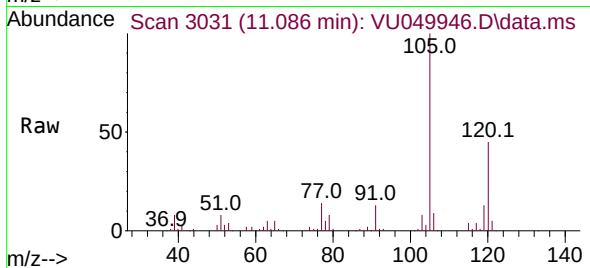




#62
 1,3,5-Trimethylbenzene
 Concen: 4.896 ug/L
 RT: 11.086 min Scan# 3032
 Delta R.T. -0.003 min
 Lab File: VU049946.D
 Acq: 27 Jul 2022 05:50

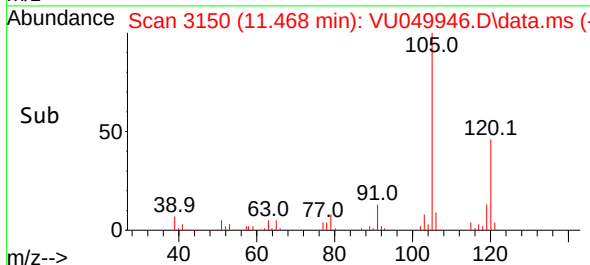
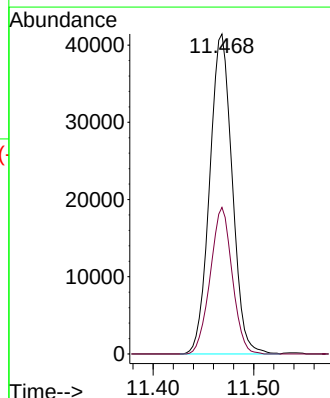
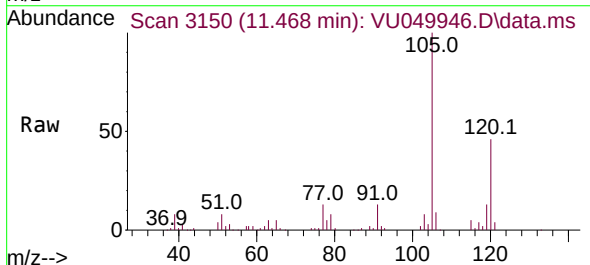
Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ27MS

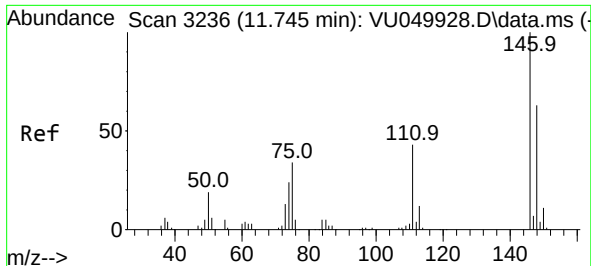
Tgt Ion:105 Resp: 69262
 Ion Ratio Lower Upper
 105 100
 120 46.2 38.0 57.0



#63
 1,2,4-Trimethylbenzene
 Concen: 4.690 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU049946.D
 Acq: 27 Jul 2022 05:50

Tgt Ion:105 Resp: 64393
 Ion Ratio Lower Upper
 105 100
 120 44.6 34.2 51.4

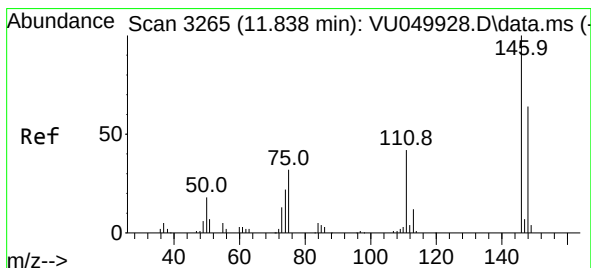
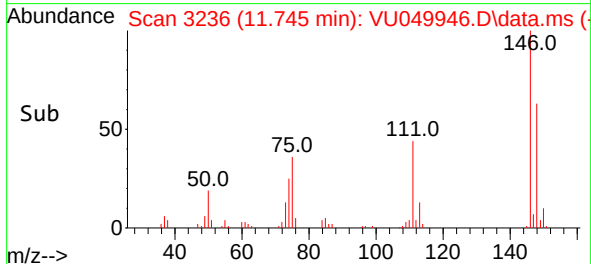
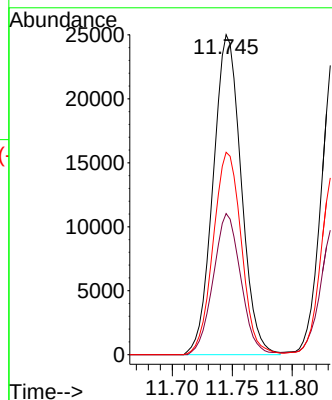
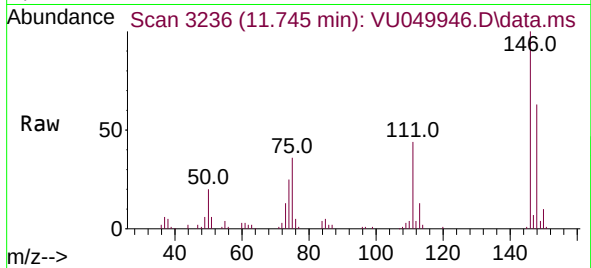




#64
1,3-Dichlorobenzene
Concen: 4.911 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU049946.D
Acq: 27 Jul 2022 05:50

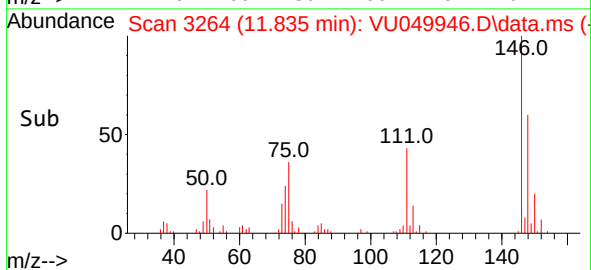
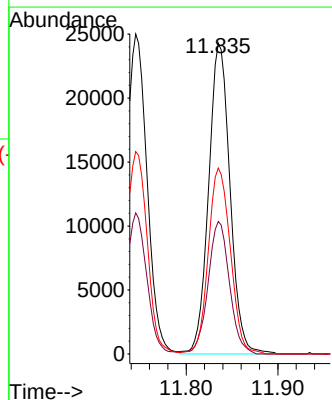
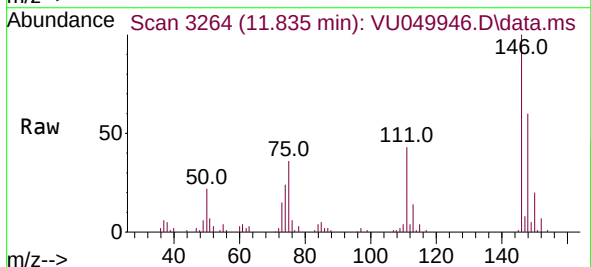
Instrument :
MSVOA_U
ClientSampleId :
GBJ27MS

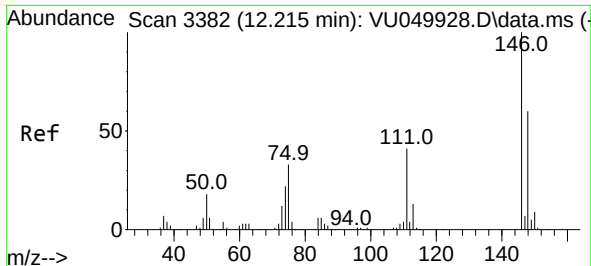
Tgt Ion:146 Resp: 40648
Ion Ratio Lower Upper
146 100
111 44.1 30.0 55.8
148 63.2 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 4.814 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU049946.D
Acq: 27 Jul 2022 05:50

Tgt Ion:146 Resp: 39423
Ion Ratio Lower Upper
146 100
111 42.6 29.5 54.7
148 59.8 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 5.173 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU049946.D

Acq: 27 Jul 2022 05:50

Instrument :

MSVOA_U

ClientSampleId :

GBJ27MS

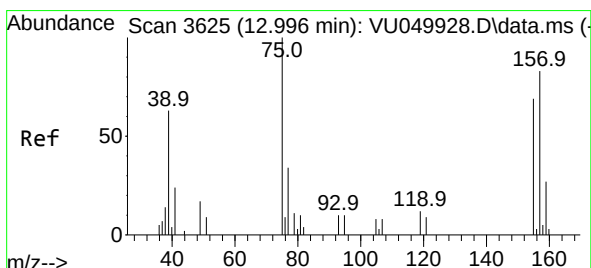
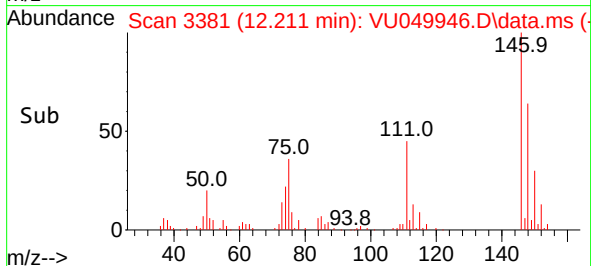
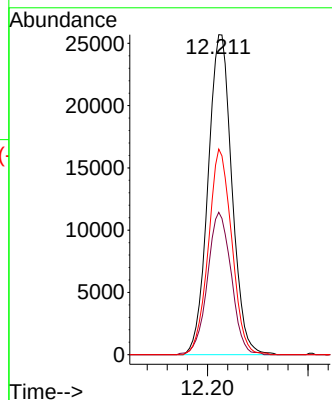
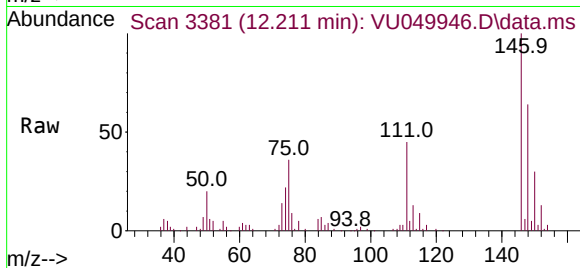
Tgt Ion:146 Resp: 42300

Ion Ratio Lower Upper

146 100

111 44.5 35.8 53.8

148 64.2 50.3 75.5



#68

1,2-Dibromo-3-chloropropane

Concen: 7.884 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.000 min

Lab File: VU049946.D

Acq: 27 Jul 2022 05:50

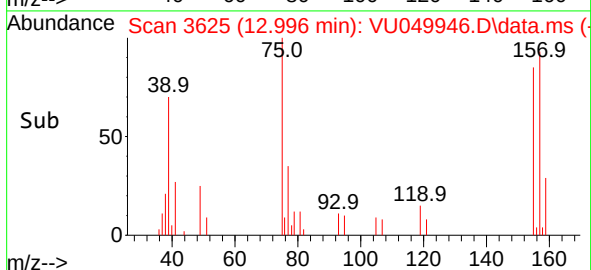
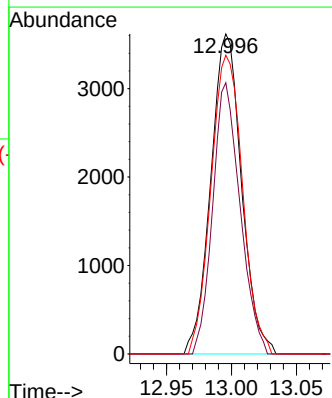
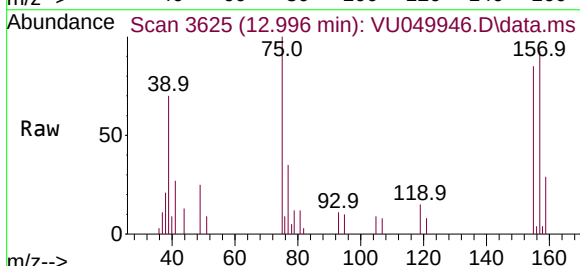
Tgt Ion: 75 Resp: 5946

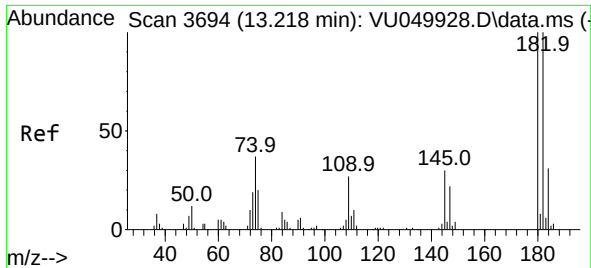
Ion Ratio Lower Upper

75 100

155 84.8 60.4 90.6

157 93.3 70.0 105.0

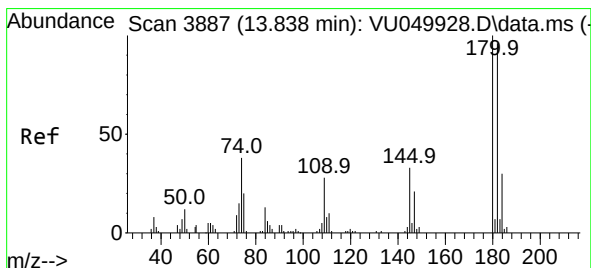
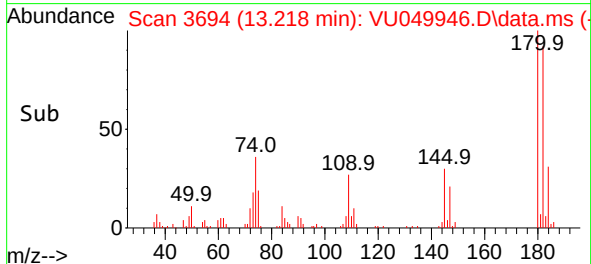
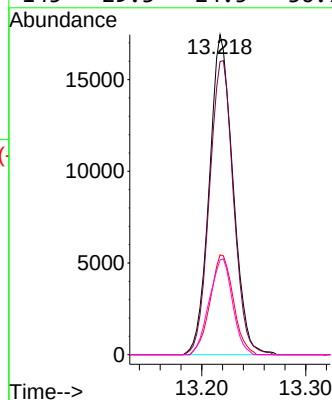
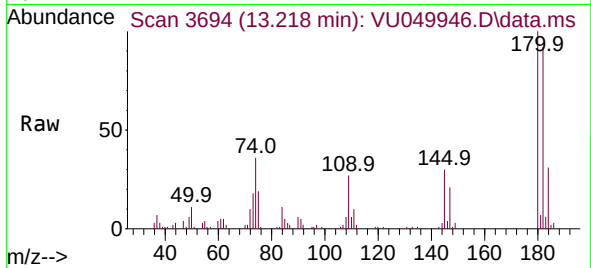




#69
 1,3,5-Trichlorobenzene
 Concen: 4.516 ug/L
 RT: 13.218 min Scan# 3694
 Delta R.T. -0.000 min
 Lab File: VU049946.D
 Acq: 27 Jul 2022 05:50

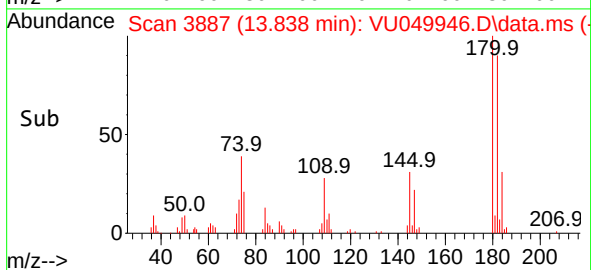
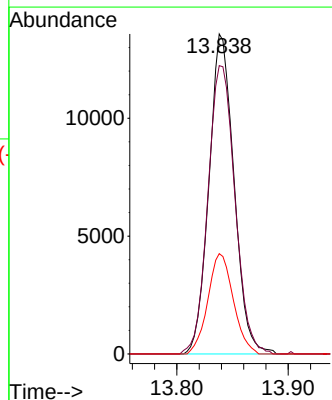
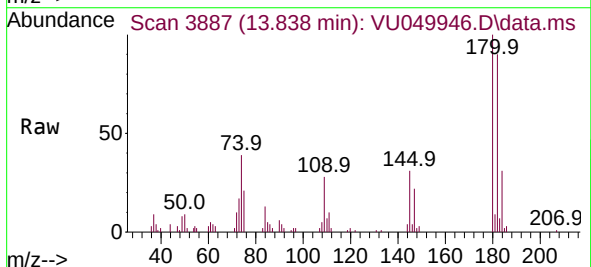
Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ27MS

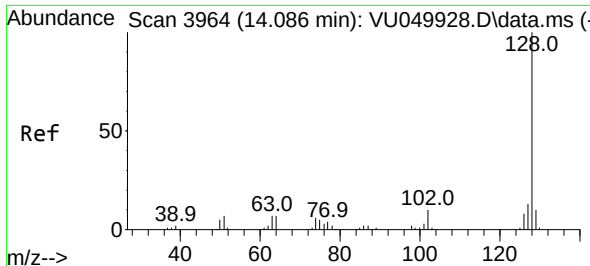
Tgt Ion:180	Resp:	27598
Ion Ratio	Lower	Upper
180	100	
182	93.2	77.2 115.8
184	30.6	25.3 37.9
145	29.3	24.5 36.7



#70
 1,2,4-trichlorobenzene
 Concen: 4.127 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.000 min
 Lab File: VU049946.D
 Acq: 27 Jul 2022 05:50

Tgt Ion:180	Resp:	21177
Ion Ratio	Lower	Upper
180	100	
182	97.2	77.0 115.4
145	31.9	26.1 39.1

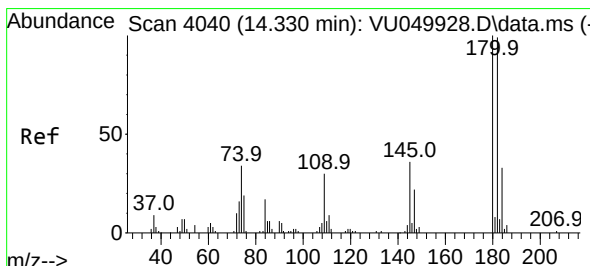
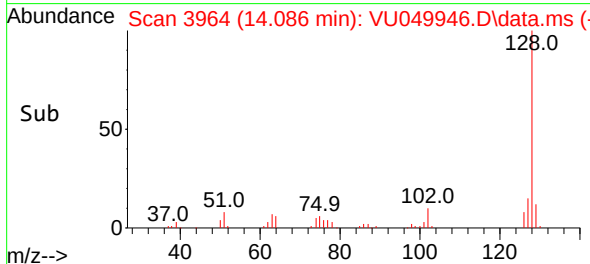
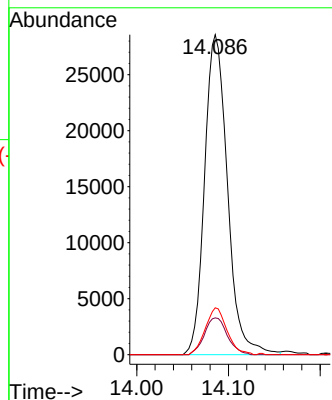
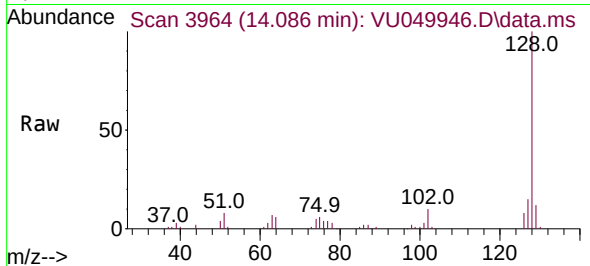




#71
Naphthalene
Concen: 4.956 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU049946.D
Acq: 27 Jul 2022 05:50

Instrument :
MSVOA_U
ClientSampleId :
GBJ27MS

Tgt Ion:	128	Resp:	49579
Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.2	12.4
127	13.9	11.1	16.7



#72
1,2,3-Trichlorobenzene
Concen: 4.578 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU049946.D
Acq: 27 Jul 2022 05:50

Tgt Ion:	180	Resp:	22577
Ion	Ratio	Lower	Upper
180	100		
182	99.5	73.9	110.9
145	36.6	27.8	41.6

