

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111824\
 Data File : VU061845.D
 Acq On : 19 Nov 2024 05:30
 Operator : MD/SY
 Sample : P4885-04
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 19 05:51:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 03:37:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	163432	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	156438	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	65562	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	34314	3.250	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.000%
7) Chloroethane-d5	1.908	69	33859	3.756	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.200%
11) 1,1-Dichloroethene-d2	2.557	65	17213	3.633	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.600%
20) 2-Butanone-d5	4.612	46	109530	48.869	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.740%
24) Chloroform-d	5.052	84	92694	4.416	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	5.692	65	47819	4.747	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.718	84	186355	4.306	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
36) 1,2-Dichloropropane-d6	6.679	67	72166	5.654	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.000%
41) Toluene-d8	7.888	98	230082	5.704	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.000%
43) trans-1,3-Dichloroprop...	8.174	79	22597	4.806	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.621	63	108579	58.441	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.880%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	48461	4.816	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	59230	5.072	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	2655	0.251	ug/L	89
16) Methylene chloride	3.036	84	17635	1.551	ug/L	96
25) Chloroform	5.084	83	3735	0.180	ug/L	98
27) 1,2-Dichloroethane	5.795	62	2502	0.192	ug/L #	74
29) 1,1,1-Trichloroethane	5.306	97	15474	0.869	ug/L	99
34) Trichloroethene	6.534	95	11834	0.926	ug/L	97
35) Methylcyclohexane	6.679	83	17108	0.887	ug/L #	21
37) 1,2-Dichloropropane	6.682	63	7952	0.662	ug/L #	89
42) Toluene	7.962	91	26509	0.520	ug/L	95
45) 1,1,2-Trichloroethane	8.541	97	1057	0.121	ug/L #	1
47) Tetrachloroethene	8.544	164	134481	13.999	ug/L	99
49) Dibromochloromethane	8.544	129	130974	14.265	ug/L #	10
51) Chlorobenzene	9.438	112	9538	0.291	ug/L	96
52) Ethylbenzene	9.566	91	5534	0.102	ug/L	91
53) m,p-Xylene	9.692	106	3665	0.176	ug/L	90
57) 1,1,2,2-Tetrachloroethane	10.772	83	1592	0.149	ug/L #	85
61) 1,2,3-Trichloropropane	11.804	75	7486	1.212	ug/L #	66
67) 1,2-Dichlorobenzene	12.206	146	3178	0.164	ug/L #	91

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111824\
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Acq On : 19 Nov 2024 05:30
Operator : MD/SY
Sample : P4885-04
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

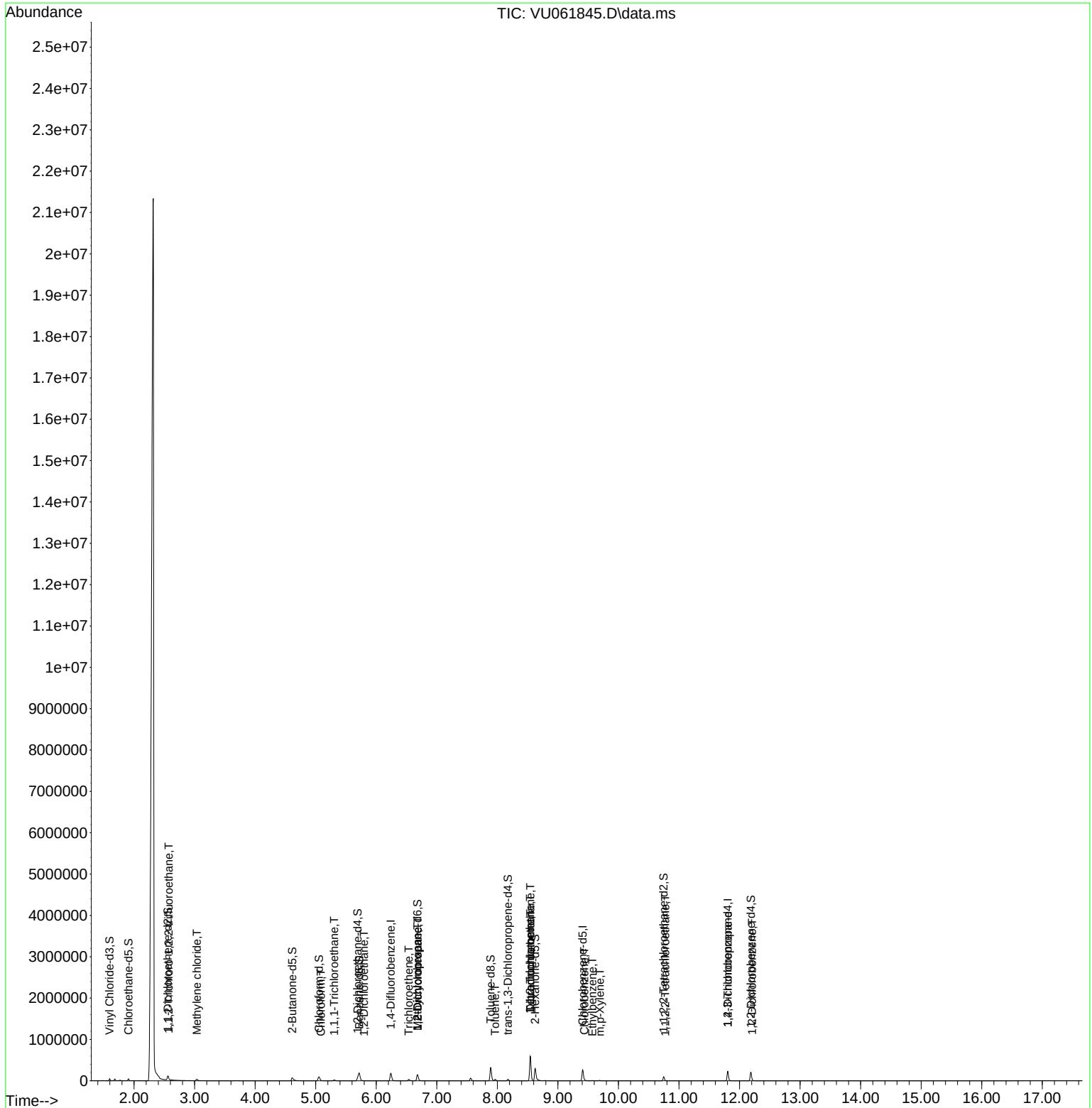
Instrument :
MSVOA_U
ClientSampleId :

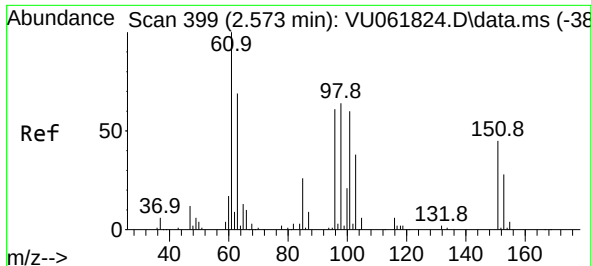
Quant Time: Nov 19 05:51:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 19 03:37:44 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Nov 19 05:51:16 2024
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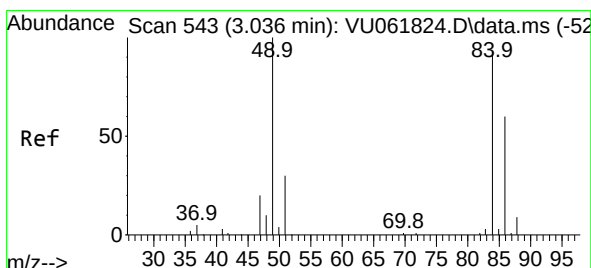
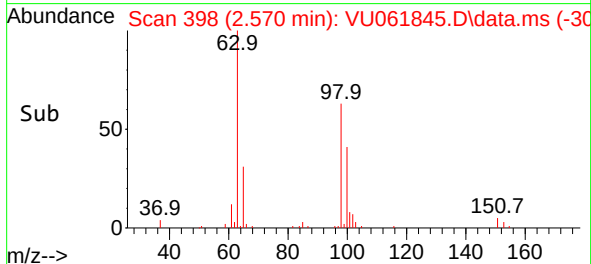
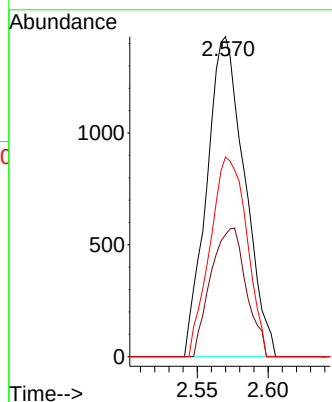
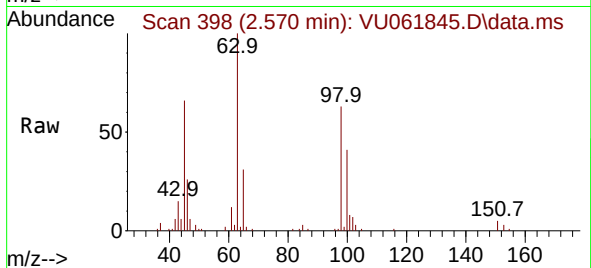




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.251 ug/L
RT: 2.570 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU061845.D
Acq: 19 Nov 2024 05:30

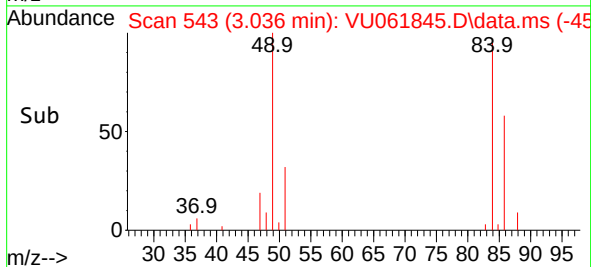
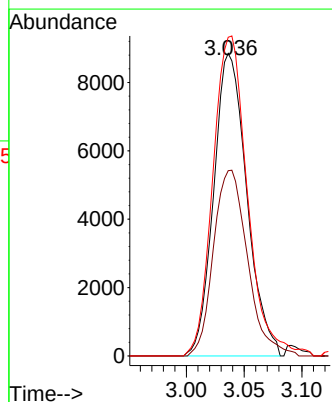
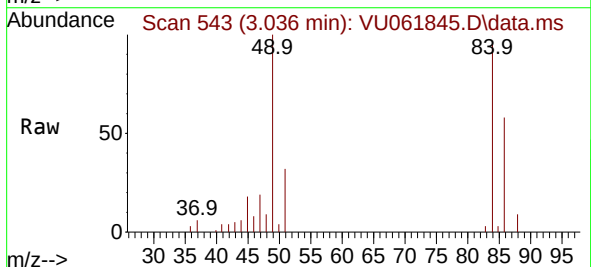
Instrument :
MSVOA_U
ClientSampleId :

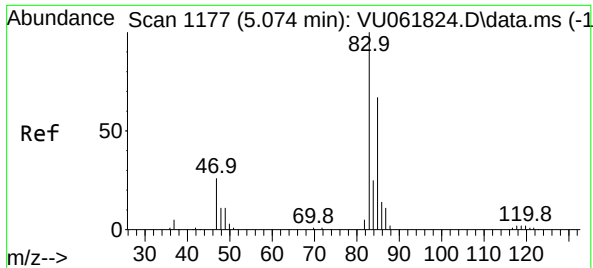
Tgt Ion:	101	Resp:	2655
Ion	Ratio	Lower	Upper
101	100		
85	37.8	35.1	52.7
151	60.7	56.9	85.3



#16
Methylene chloride
Concen: 1.551 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU061845.D
Acq: 19 Nov 2024 05:30

Tgt Ion:	84	Resp:	17635
Ion	Ratio	Lower	Upper
84	100		
86	61.2	45.1	83.7
49	105.3	76.3	141.7

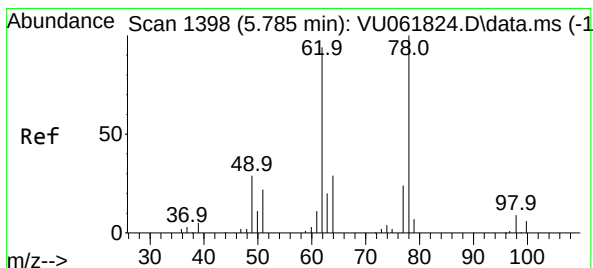
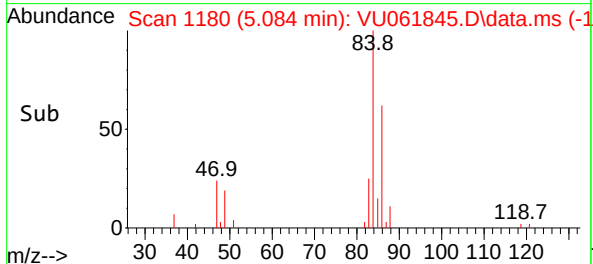
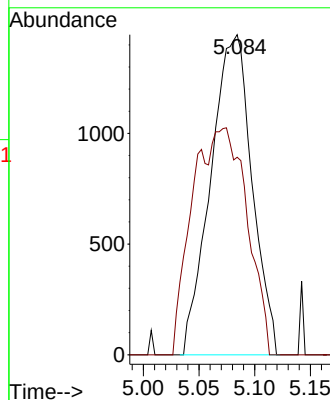
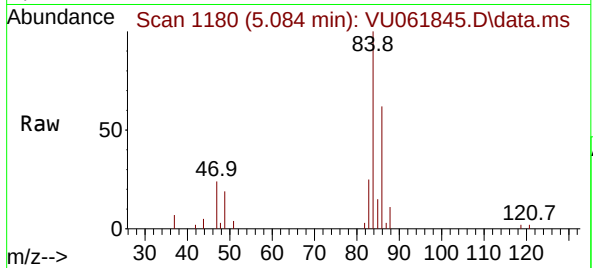




#25
Chloroform
Concen: 0.180 ug/L
RT: 5.084 min Scan# 1177
Delta R.T. 0.010 min
Lab File: VU061845.D
Acq: 19 Nov 2024 05:30

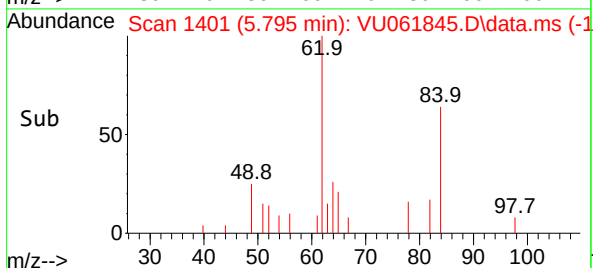
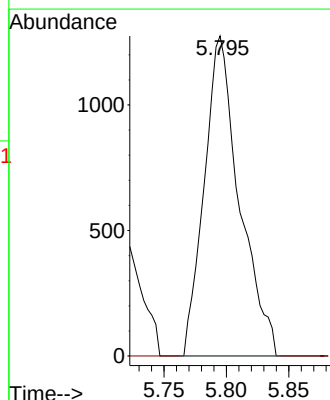
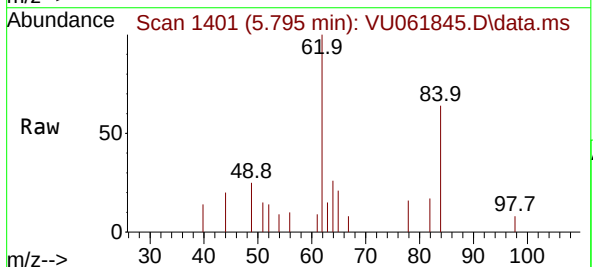
Instrument :
MSVOA_U
ClientSampleId :

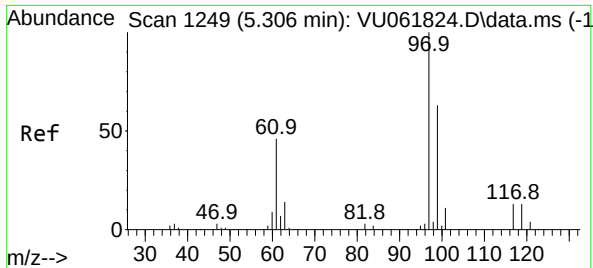
Tgt Ion: 83 Resp: 3735
Ion Ratio Lower Upper
83 100
85 61.7 44.1 81.9



#27
1,2-Dichloroethane
Concen: 0.192 ug/L
RT: 5.795 min Scan# 1401
Delta R.T. 0.010 min
Lab File: VU061845.D
Acq: 19 Nov 2024 05:30

Tgt Ion: 62 Resp: 2502
Ion Ratio Lower Upper
62 100
98 0.0 7.7 11.5#

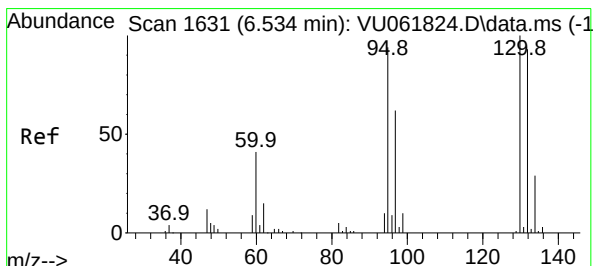
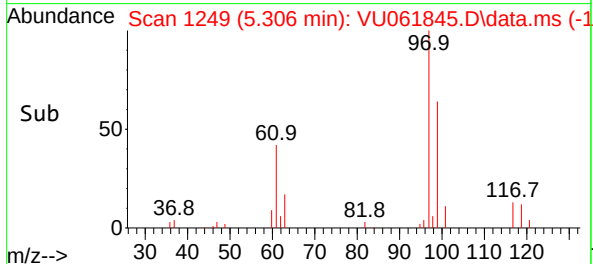
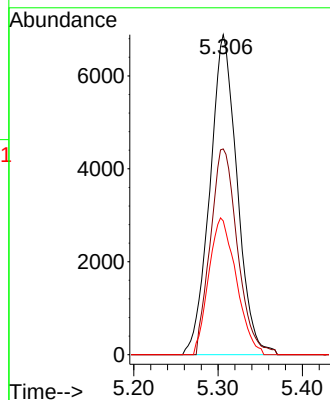
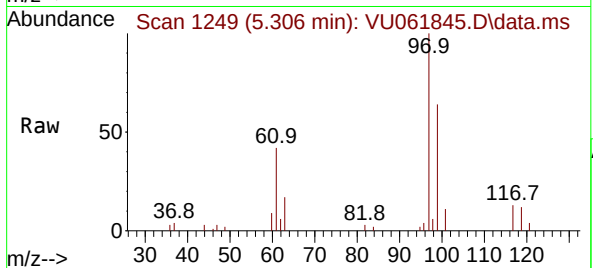




#29
1,1,1-Trichloroethane
Concen: 0.869 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU061845.D
Acq: 19 Nov 2024 05:30

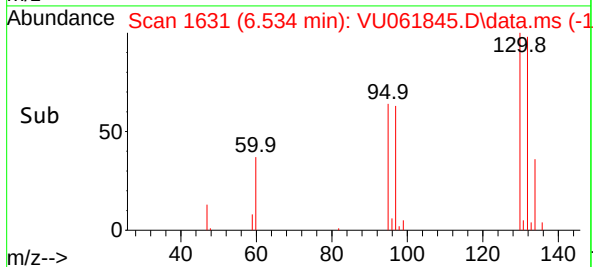
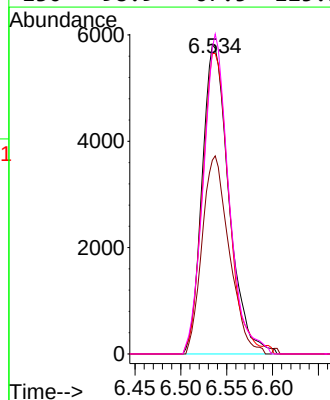
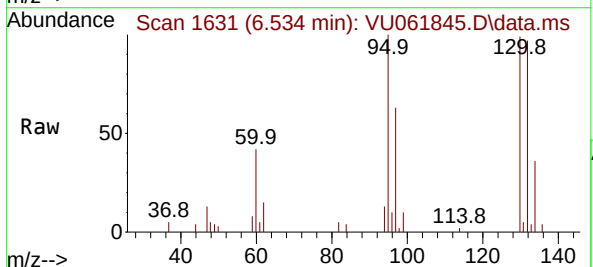
Instrument :
MSVOA_U
ClientSampleId :

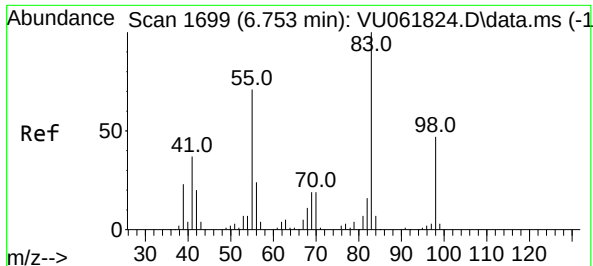
Tgt Ion:	97	Resp:	15474
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.7	77.5
61	43.2	35.4	53.0



#34
Trichloroethene
Concen: 0.926 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU061845.D
Acq: 19 Nov 2024 05:30

Tgt Ion:	95	Resp:	11834
Ion	Ratio	Lower	Upper
95	100		
97	62.7	43.5	80.9
132	97.1	65.2	121.0
130	98.9	67.5	125.3

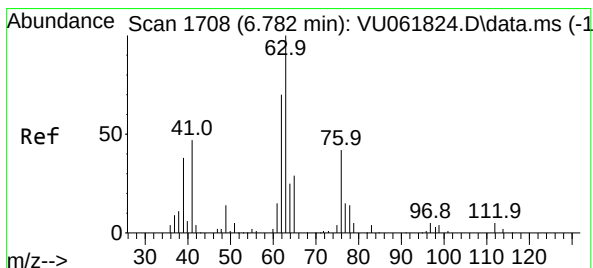
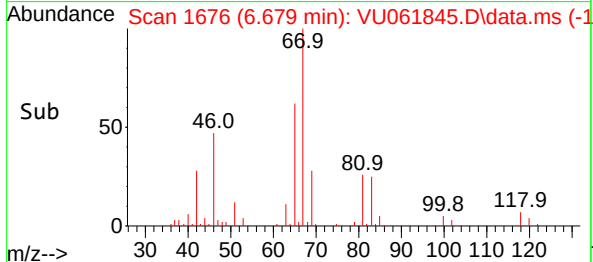
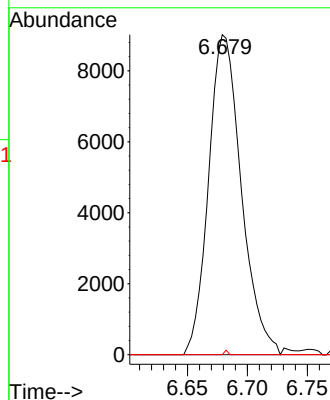
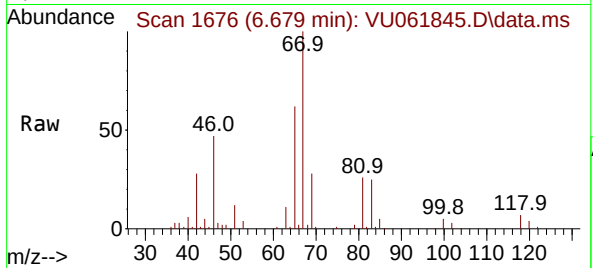




#35
Methylcyclohexane
Concen: 0.887 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.074 min
Lab File: VU061845.D
Acq: 19 Nov 2024 05:30

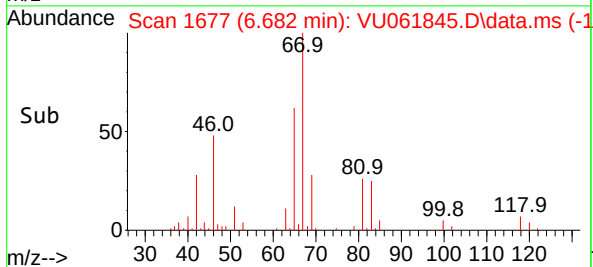
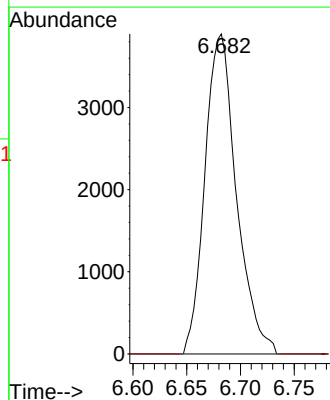
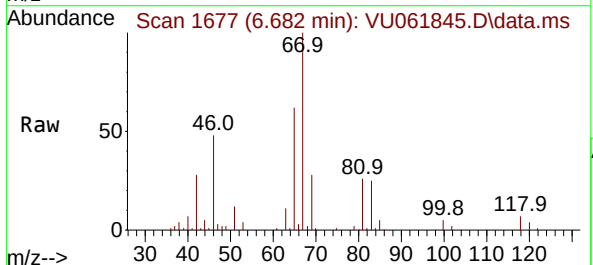
Instrument :
MSVOA_U
ClientSampleId :

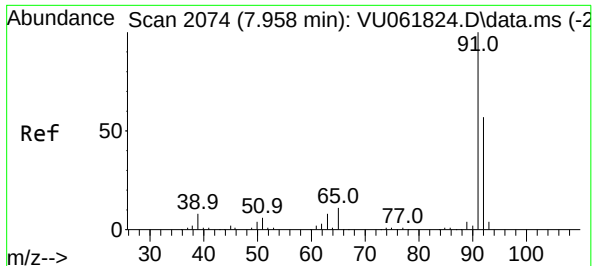
Tgt Ion	83	Resp	17108
Ion Ratio	Lower	Upper	
83	100		
55	0.0	56.4	84.6#
98	0.1	37.7	56.5#



#37
1,2-Dichloropropane
Concen: 0.662 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.099 min
Lab File: VU061845.D
Acq: 19 Nov 2024 05:30

Tgt Ion	63	Resp	7952
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.0	4.4#





#42

Toluene

Concen: 0.520 ug/L

RT: 7.962 min Scan# 2074

Delta R.T. 0.004 min

Lab File: VU061845.D

Acq: 19 Nov 2024 05:30

Instrument :

MSVOA_U

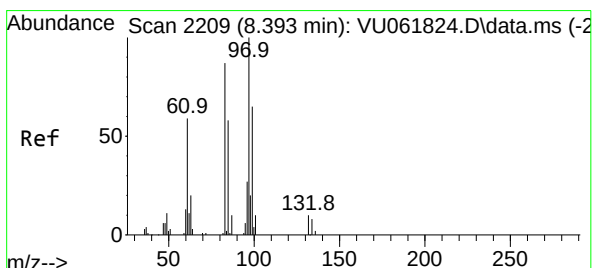
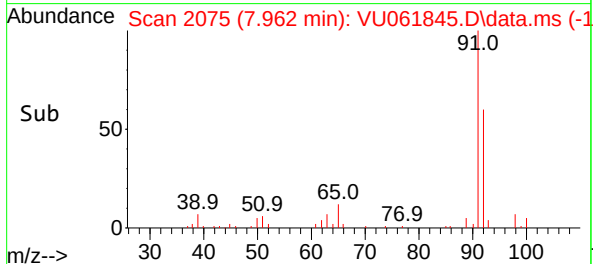
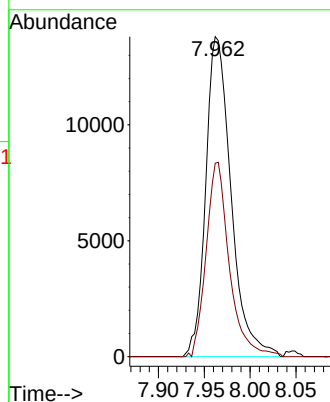
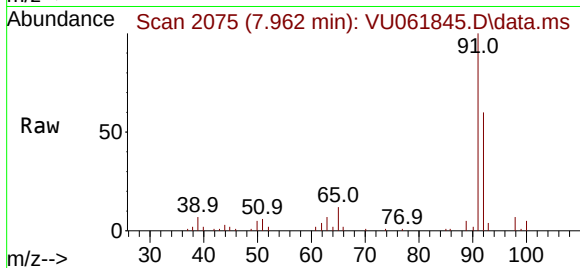
ClientSampleId :

Tgt Ion: 91 Resp: 26509

Ion Ratio Lower Upper

91 100

92 60.4 39.7 73.7



#45

1,1,2-Trichloroethane

Concen: 0.121 ug/L

RT: 8.541 min Scan# 2255

Delta R.T. 0.148 min

Lab File: VU061845.D

Acq: 19 Nov 2024 05:30

Tgt Ion: 97 Resp: 1057

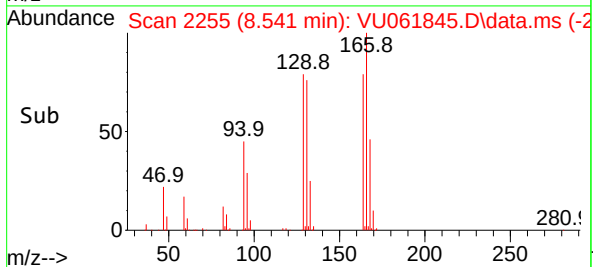
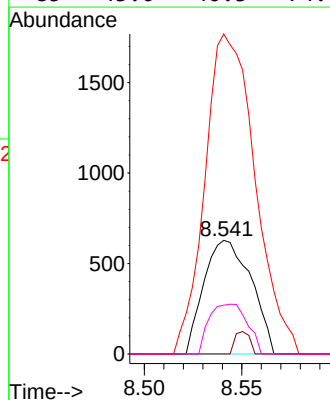
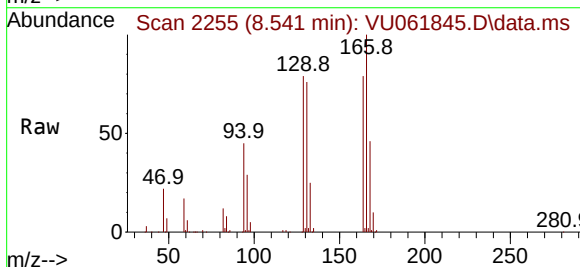
Ion Ratio Lower Upper

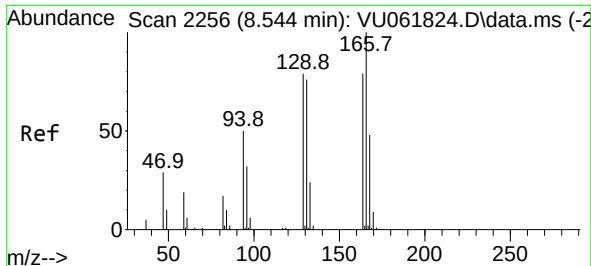
97 100

99 0.0 43.8 81.3#

83 281.7 63.2 117.4#

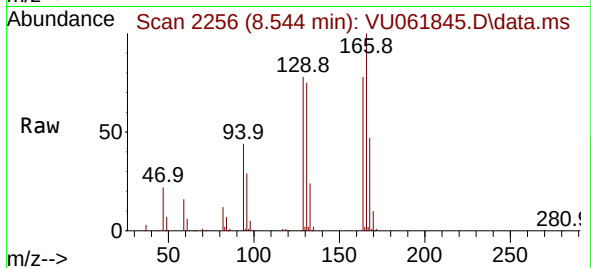
85 43.0 40.3 74.8



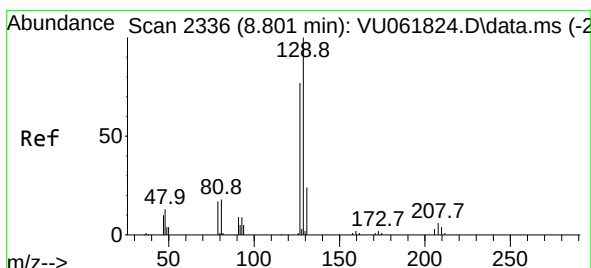
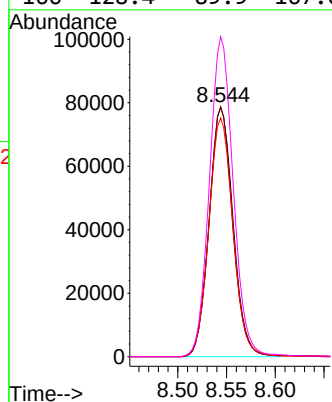
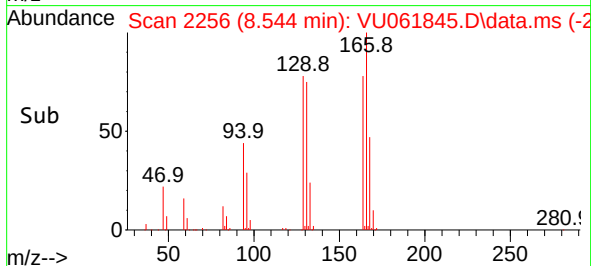


#47
Tetrachloroethene
Concen: 13.999 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU061845.D
Acq: 19 Nov 2024 05:30

Instrument :
MSVOA_U
ClientSampleId :

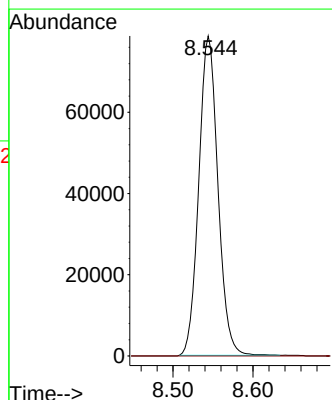
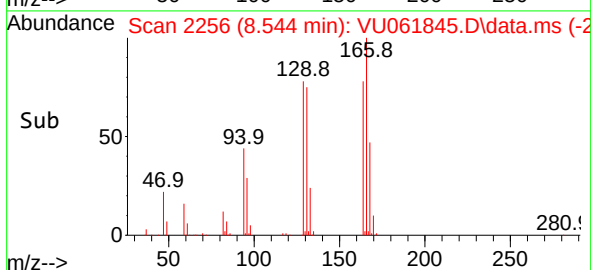
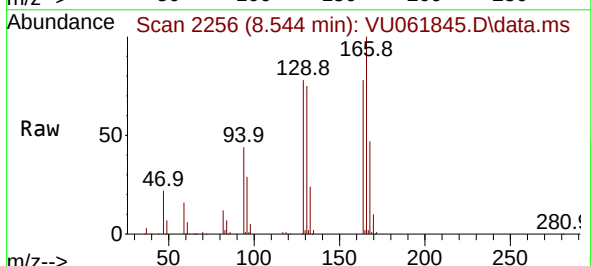


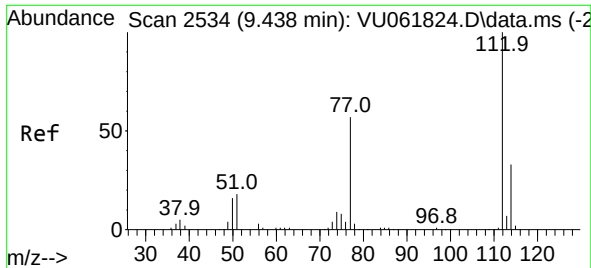
Tgt Ion:164 Resp: 134481
Ion Ratio Lower Upper
164 100
129 100.3 71.7 133.3
131 95.8 68.2 126.6
166 128.4 89.9 167.0



#49
Dibromochloromethane
Concen: 14.265 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.257 min
Lab File: VU061845.D
Acq: 19 Nov 2024 05:30

Tgt Ion:129 Resp: 130974
Ion Ratio Lower Upper
129 100
127 0.0 55.1 102.3#

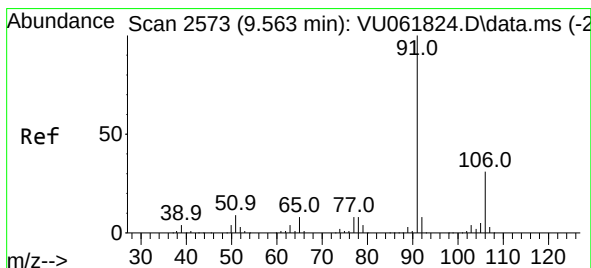
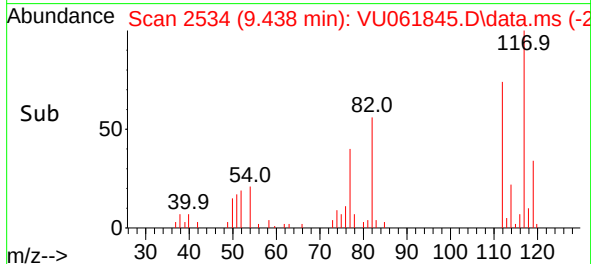
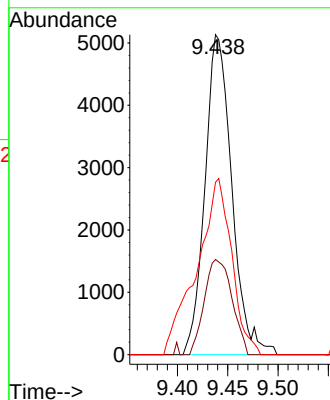
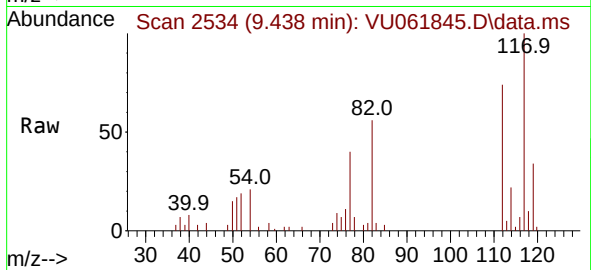




#51
Chlorobenzene
Concen: 0.291 ug/L
RT: 9.438 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU061845.D
Acq: 19 Nov 2024 05:30

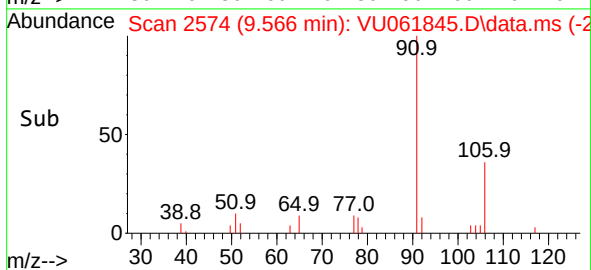
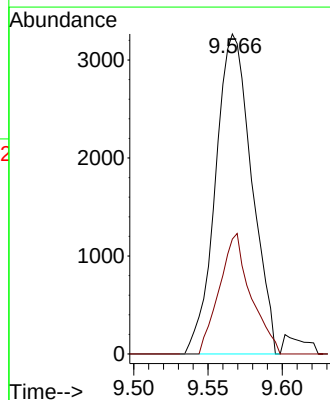
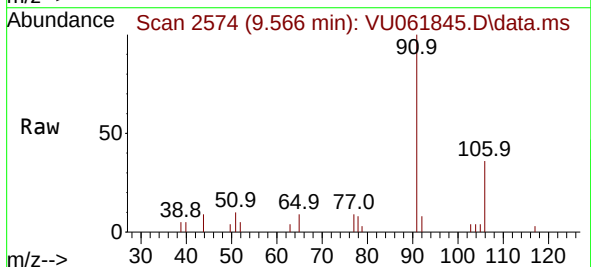
Instrument :
MSVOA_U
ClientSampleId :

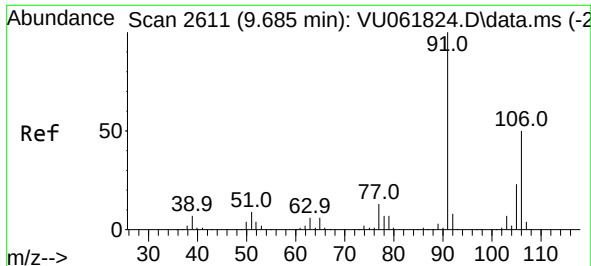
Tgt Ion:112 Resp: 9538
Ion Ratio Lower Upper
112 100
114 29.7 22.5 41.9
77 53.9 45.3 67.9



#52
Ethylbenzene
Concen: 0.102 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.003 min
Lab File: VU061845.D
Acq: 19 Nov 2024 05:30

Tgt Ion: 91 Resp: 5534
Ion Ratio Lower Upper
91 100
106 35.9 21.7 40.3

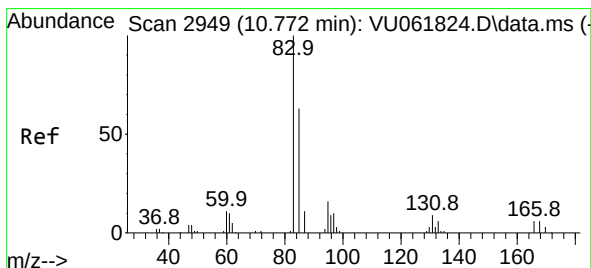
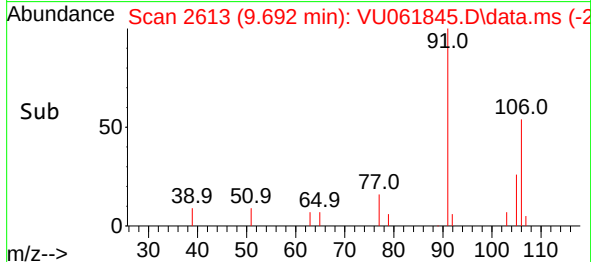
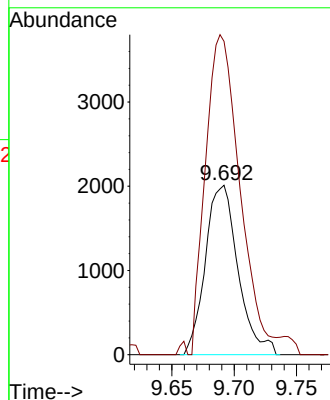
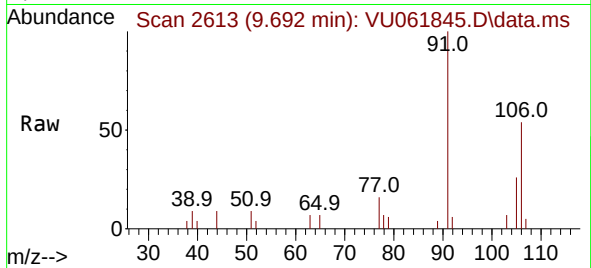




#53
m,p-Xylene
Concen: 0.176 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.007 min
Lab File: VU061845.D
Acq: 19 Nov 2024 05:30

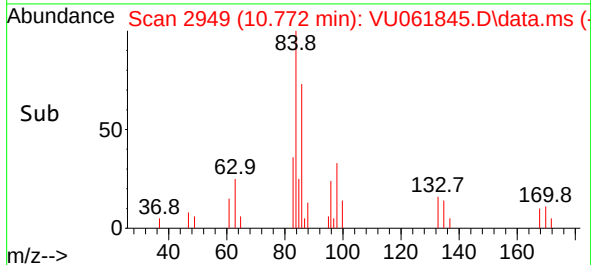
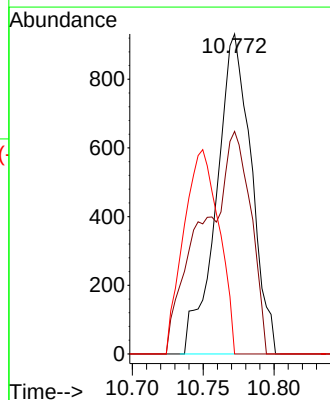
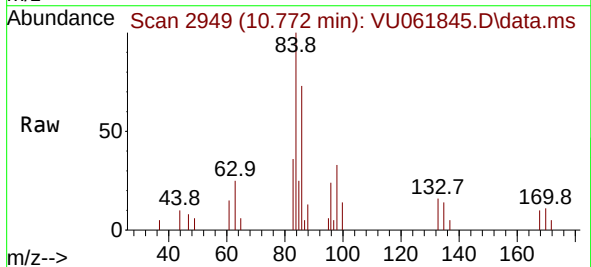
Instrument :
MSVOA_U
ClientSampleId :

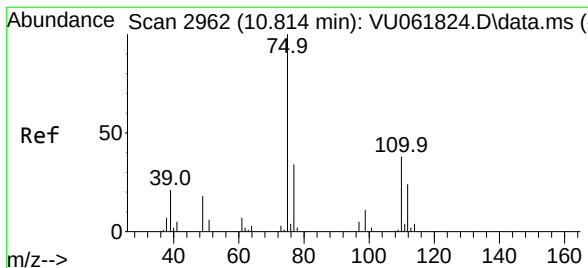
Tgt Ion:106 Resp: 3665
Ion Ratio Lower Upper
106 100
91 184.8 140.4 260.8



#57
1,1,2,2-Tetrachloroethane
Concen: 0.149 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU061845.D
Acq: 19 Nov 2024 05:30

Tgt Ion: 83 Resp: 1592
Ion Ratio Lower Upper
83 100
85 69.5 41.9 77.9
131 0.0 7.8 11.6#

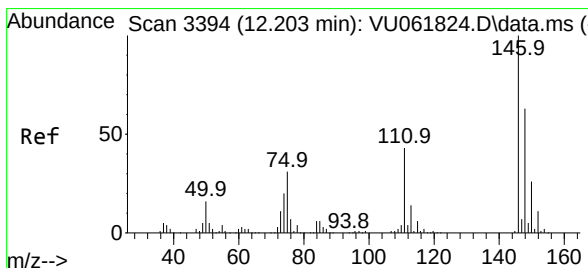
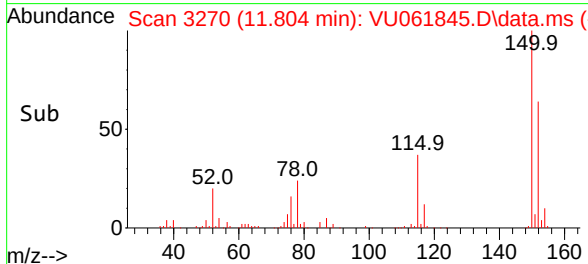
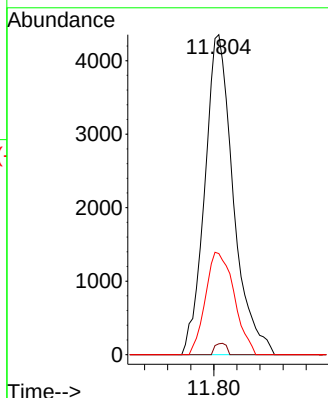
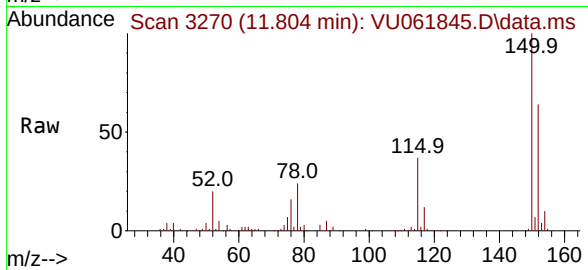




#61
1,2,3-Trichloropropane
Concen: 1.212 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.991 min
Lab File: VU061845.D
Acq: 19 Nov 2024 05:30

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 7486
Ion Ratio Lower Upper
75 100
110 1.4 31.3 46.9#
77 32.0 26.0 39.0



#67
1,2-Dichlorobenzene
Concen: 0.164 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. 0.003 min
Lab File: VU061845.D
Acq: 19 Nov 2024 05:30

Tgt Ion: 146 Resp: 3178
Ion Ratio Lower Upper
146 100
111 35.1 35.2 52.8#
148 70.3 52.6 79.0

