

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121222\
 Data File : VU052362.D
 Acq On : 12 Dec 2022 18:54
 Operator : JC/MD
 Sample : N5961-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 13 01:06:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 13 01:01:45 2022
 Response via : Initial Calibration

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

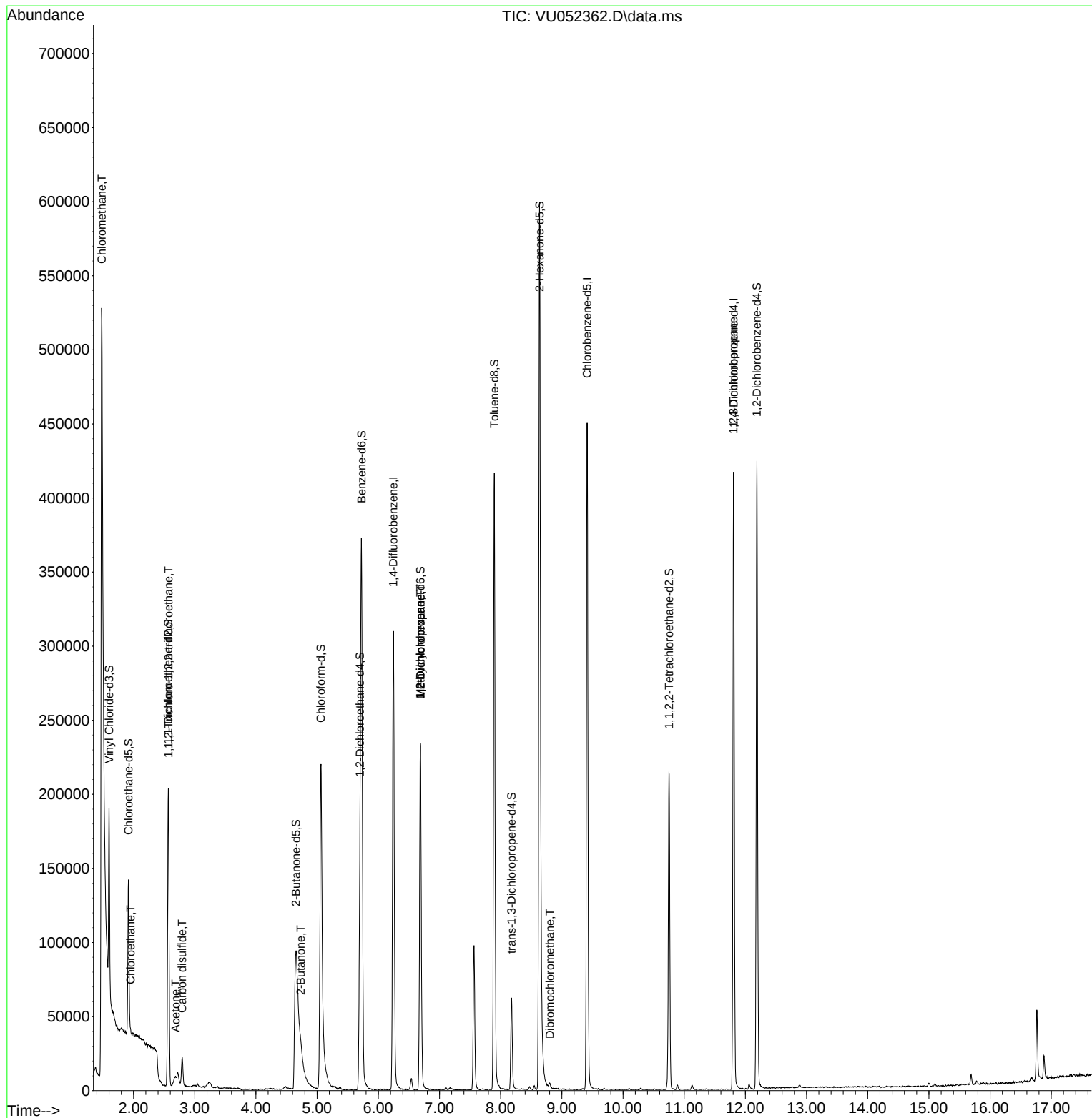
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	260538	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	262184	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	115289	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	91446	3.608	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.200%
7) Chloroethane-d5	1.916	69	79413	4.034	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.568	65	38782	4.269	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.400%
20) 2-Butanone-d5	4.655	46	289613	63.046	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.100%
24) Chloroform-d	5.060	84	173080	4.648	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.700	65	93724	4.983	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.726	84	361781	4.648	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.687	67	119424	4.958	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.896	98	290131	4.120	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
43) trans-1,3-Dichloroprop...	8.176	79	38019	4.331	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.636	63	229266	61.629	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.260%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	112200	5.372	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	12.188	152	117197	5.310	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.478	50	13987	0.474	ug/L #	41
8) Chloroethane	1.951	64	1671	0.095	ug/L #	53
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	1119	0.059	ug/L #	20
13) Acetone	2.687	43	9964	3.194	ug/L	45
14) Carbon disulfide	2.793	76	25674	0.392	ug/L	100
21) 2-Butanone	4.732	43	23868	4.774	ug/L	89
35) Methylcyclohexane	6.687	83	27650	0.903	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	11567	0.524	ug/L #	88
49) Dibromochloromethane	8.806	129	1272	0.068	ug/L	93
61) 1,2,3-Trichloropropane	11.806	75	13397	1.015	ug/L #	69

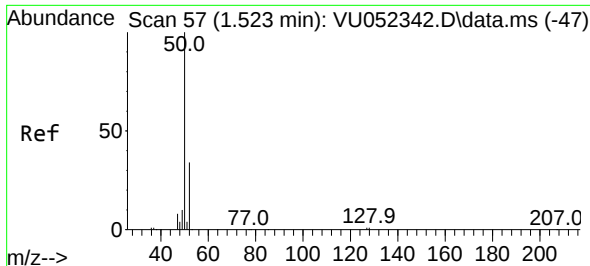
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

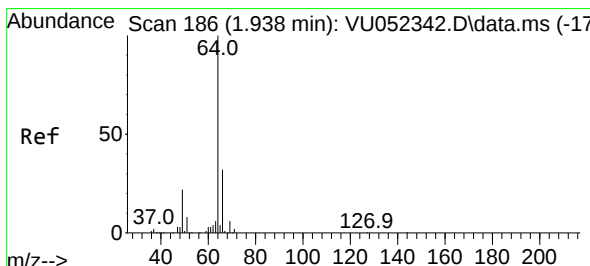
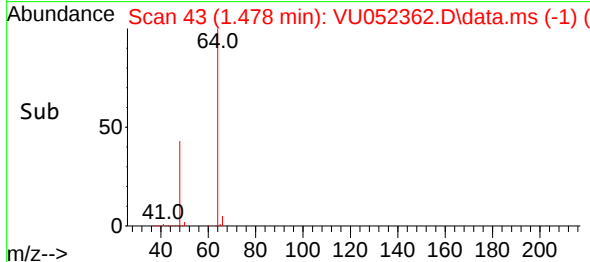
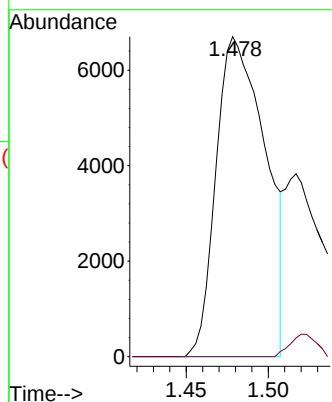
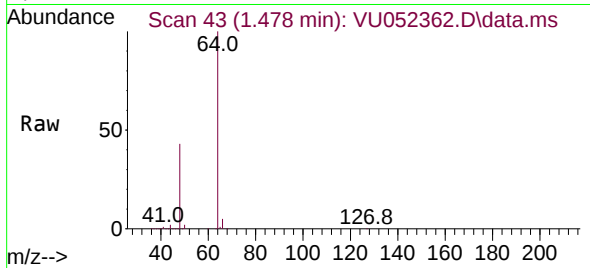




#3
Chloromethane
Concen: 0.474 ug/L
RT: 1.478 min Scan# 41
Delta R.T. -0.045 min
Lab File: VU052362.D
Acq: 12 Dec 2022 18:54

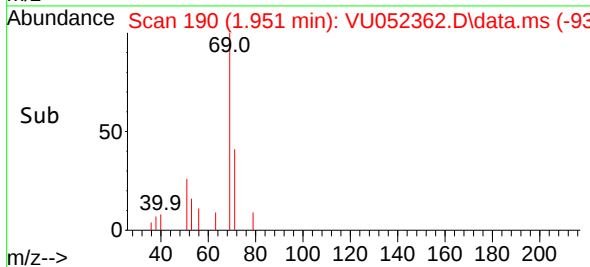
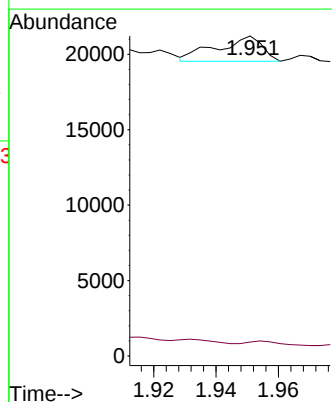
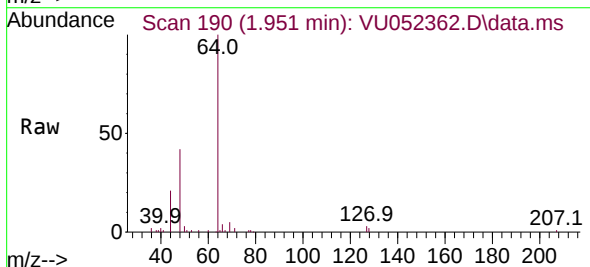
Instrument :
MSVOA_U
ClientSampleId :

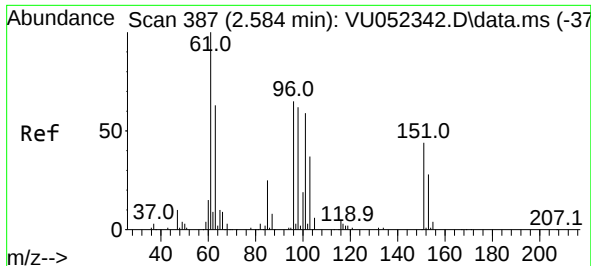
Tgt Ion: 50 Resp: 13987
Ion Ratio Lower Upper
50 100
52 0.0 23.4 43.4#



#8
Chloroethane
Concen: 0.095 ug/L
RT: 1.951 min Scan# 190
Delta R.T. 0.013 min
Lab File: VU052362.D
Acq: 12 Dec 2022 18:54

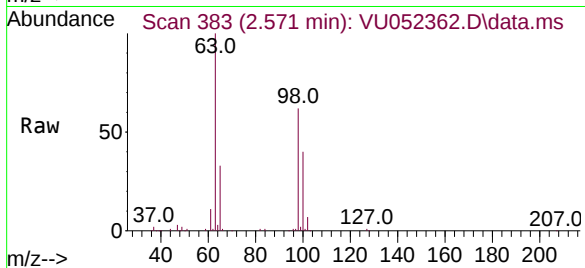
Tgt Ion: 64 Resp: 1671
Ion Ratio Lower Upper
64 100
66 4.4 21.1 39.1#



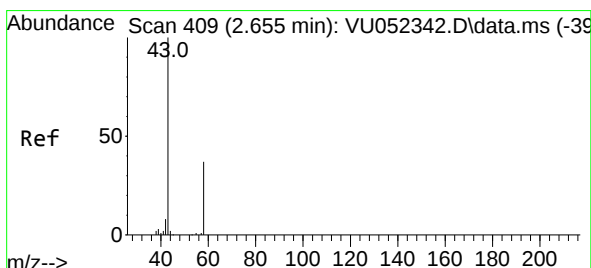
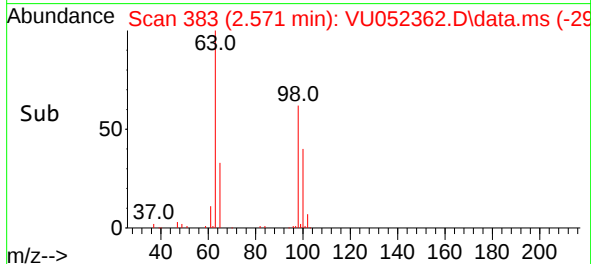
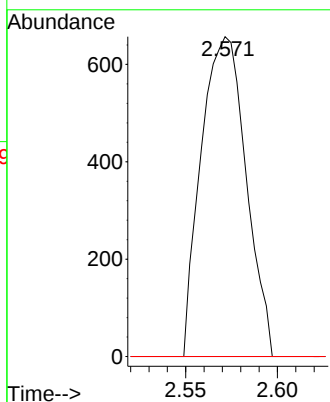


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.059 ug/L
RT: 2.571 min Scan# 311
Delta R.T. -0.013 min
Lab File: VU052362.D
Acq: 12 Dec 2022 18:54

Instrument :
MSVOA_U
ClientSampleId :

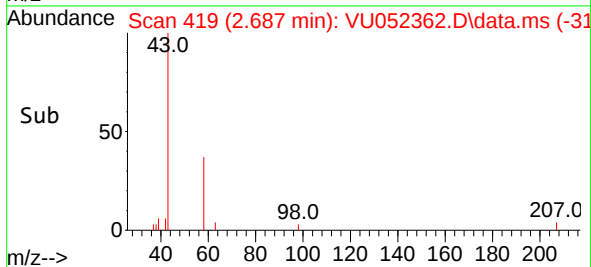
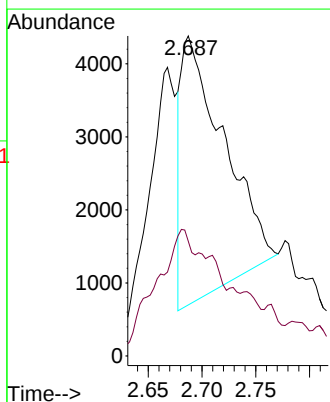
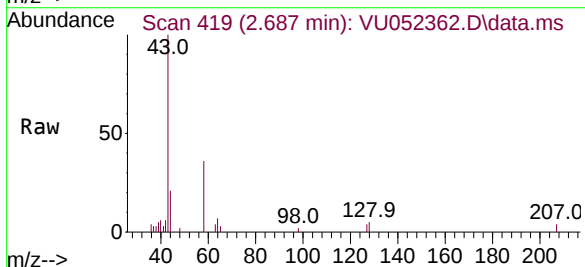


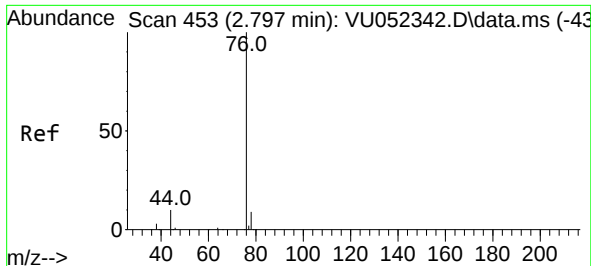
Tgt Ion:101 Resp: 1119
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 58.6 88.0#



#13
Acetone
Concen: 3.194 ug/L
RT: 2.687 min Scan# 419
Delta R.T. 0.032 min
Lab File: VU052362.D
Acq: 12 Dec 2022 18:54

Tgt Ion: 43 Resp: 9964
Ion Ratio Lower Upper
43 100
58 71.2 0.0 76.0

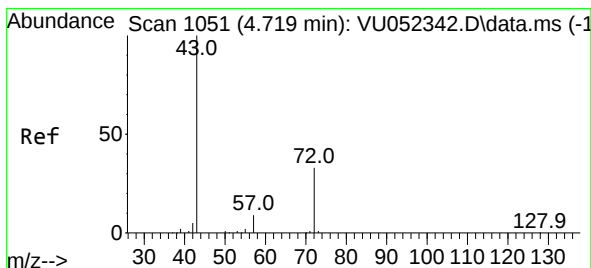
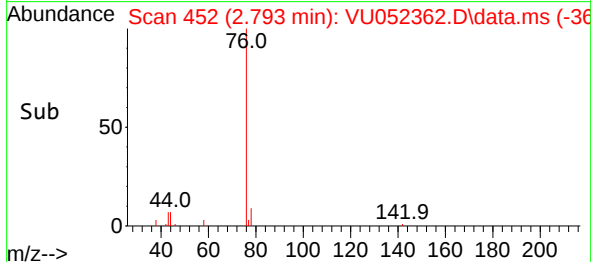
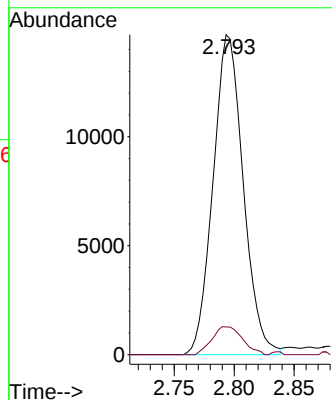
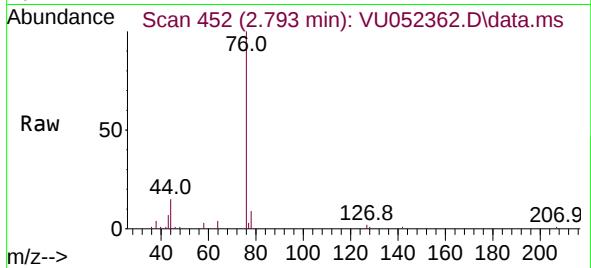




#14
Carbon disulfide
Concen: 0.392 ug/L
RT: 2.793 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU052362.D
Acq: 12 Dec 2022 18:54

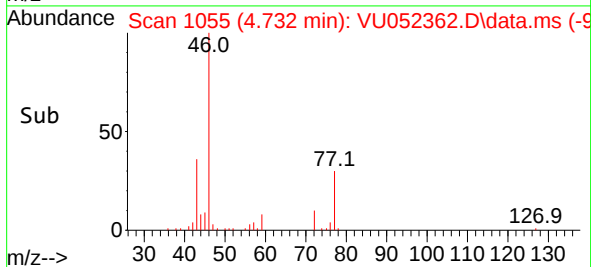
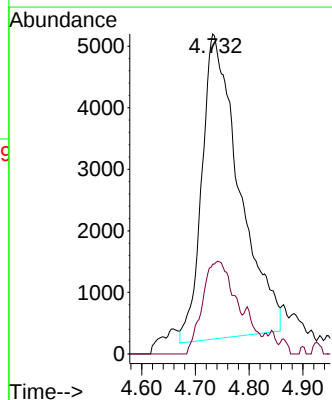
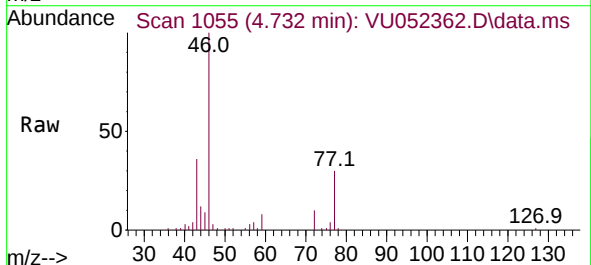
Instrument :
MSVOA_U
ClientSampleId :

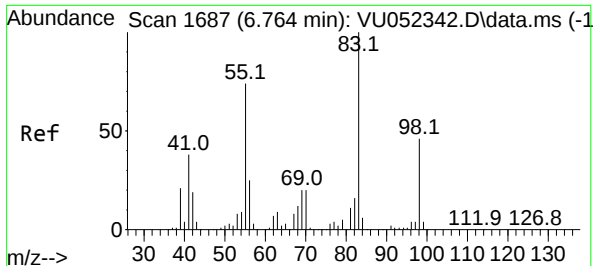
Tgt Ion: 76 Resp: 25674
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4



#21
2-Butanone
Concen: 4.774 ug/L
RT: 4.732 min Scan# 1055
Delta R.T. 0.013 min
Lab File: VU052362.D
Acq: 12 Dec 2022 18:54

Tgt Ion: 43 Resp: 23868
Ion Ratio Lower Upper
43 100
72 25.2 15.6 46.8

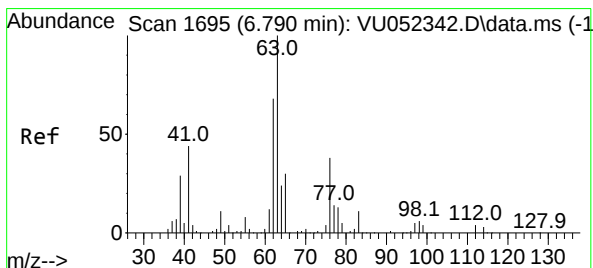
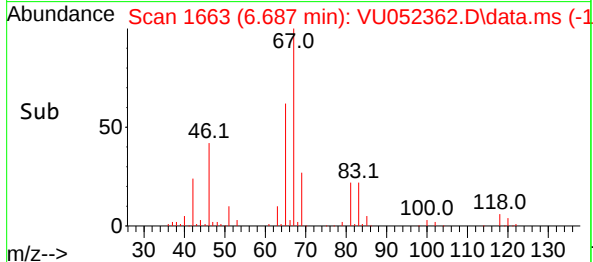
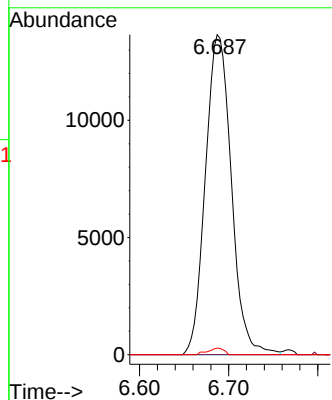
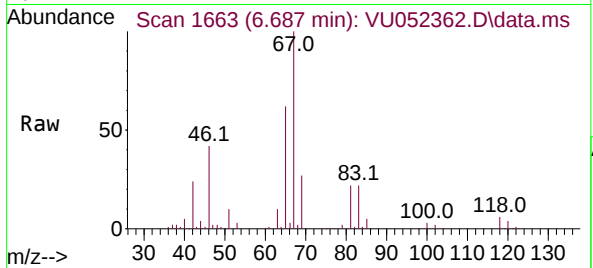




#35
Methylcyclohexane
Concen: 0.903 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.077 min
Lab File: VU052362.D
Acq: 12 Dec 2022 18:54

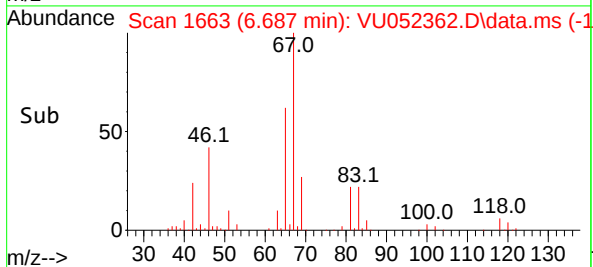
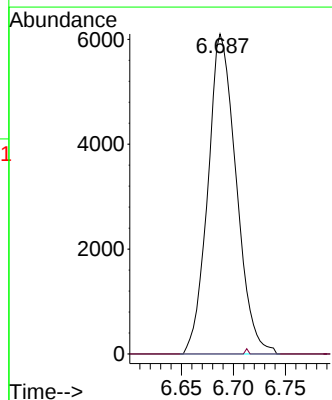
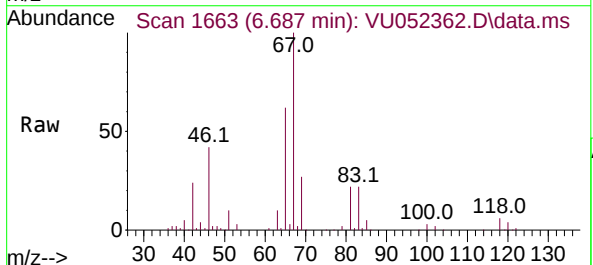
Instrument :
MSVOA_U
ClientSampleId :

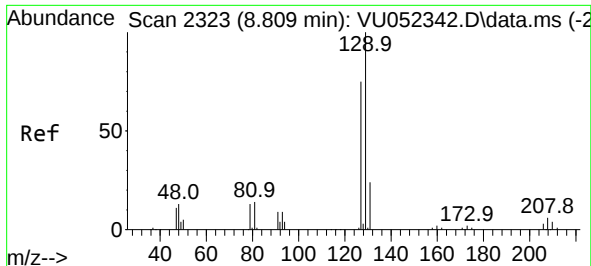
Tgt Ion: 83 Resp: 27650
Ion Ratio Lower Upper
83 100
55 0.1 60.8 91.2#
98 1.3 35.1 52.7#



#37
1,2-Dichloropropane
Concen: 0.524 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.103 min
Lab File: VU052362.D
Acq: 12 Dec 2022 18:54

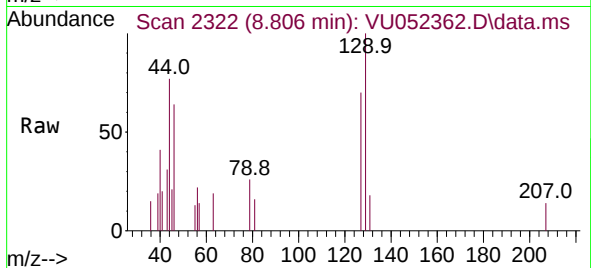
Tgt Ion: 63 Resp: 11567
Ion Ratio Lower Upper
63 100
112 0.2 3.3 4.9#



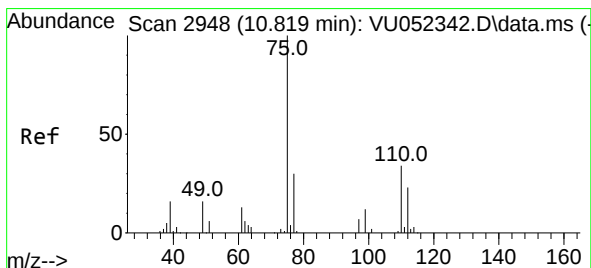
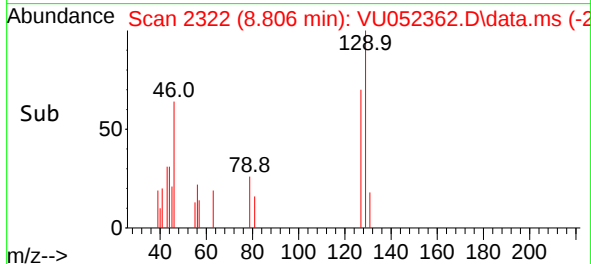
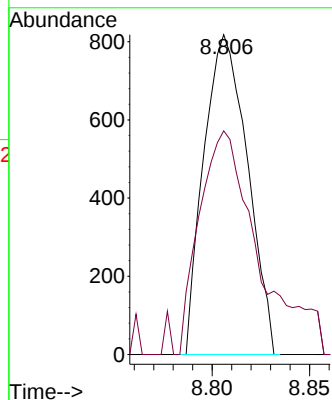


#49
Dibromochloromethane
Concen: 0.068 ug/L
RT: 8.806 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU052362.D
Acq: 12 Dec 2022 18:54

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:129 Resp: 1272
Ion Ratio Lower Upper
129 100
127 69.9 52.8 98.2



#61
1,2,3-Trichloropropane
Concen: 1.015 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU052362.D
Acq: 12 Dec 2022 18:54

Tgt Ion: 75 Resp: 13397
Ion Ratio Lower Upper
75 100
110 1.4 28.3 42.5#
77 31.3 26.2 39.2

