

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020824\
 Data File : VV034078.D
 Acq On : 08 Feb 2024 23:20
 Operator : SY/MD
 Sample : P1401-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 09 04:47:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 09 03:48:51 2024
 Response via : Initial Calibration

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

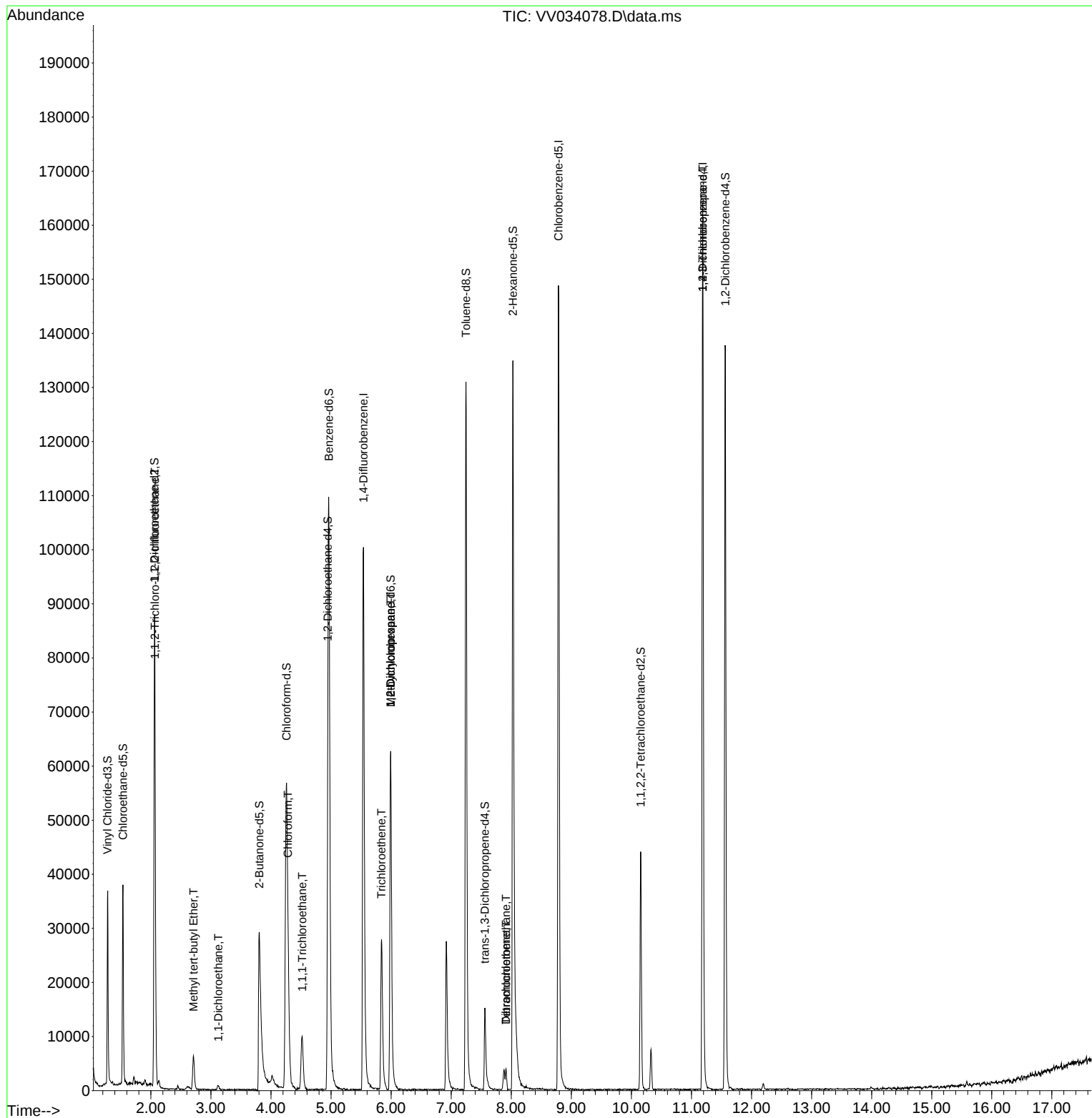
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	87263	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	81427	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	42119	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	22958	3.397	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.000%
7) Chloroethane-d5	1.535	69	22053	3.725	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.600%
11) 1,1-Dichloroethene-d2	2.060	65	11981	3.676	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.600%
20) 2-Butanone-d5	3.805	46	55877	49.229	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.460%
24) Chloroform-d	4.256	84	55097	4.486	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	4.947	65	26549	4.626	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	4.963	84	98501	4.032	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
36) 1,2-Dichloropropane-d6	5.992	67	30095	4.407	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.200%
41) Toluene-d8	7.246	98	90135	4.014	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	7.561	79	9442	3.662	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.200%
46) 2-Hexanone-d5	8.027	63	49734	54.029	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.060%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	20722	5.005	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	34703	4.530	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.600%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	7906	1.259	ug/L	97
17) Methyl tert-butyl Ether	2.709	73	6392	0.510	ug/L	96
19) 1,1-Dichloroethane	3.124	63	1316	0.115	ug/L #	79
25) Chloroform	4.281	83	22285	1.932	ug/L	91
29) 1,1,1-Trichloroethane	4.519	97	8744	0.800	ug/L	99
34) Trichloroethene	5.838	95	10213	1.445	ug/L	94
35) Methylcyclohexane	5.992	83	7432	0.670	ug/L #	17
37) 1,2-Dichloropropane	5.992	63	3614	0.611	ug/L #	87
47) Tetrachloroethene	7.911	164	886	0.154	ug/L	88
49) Dibromochloromethane	7.911	129	825	0.190	ug/L #	11
61) 1,2,3-Trichloropropane	11.188	75	4840	1.672	ug/L #	61

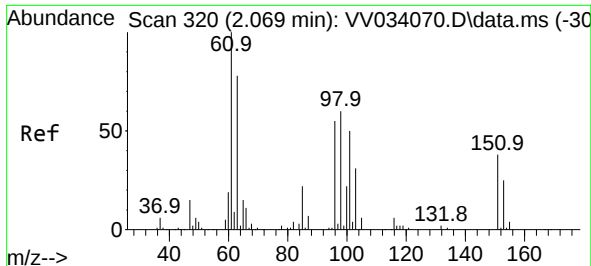
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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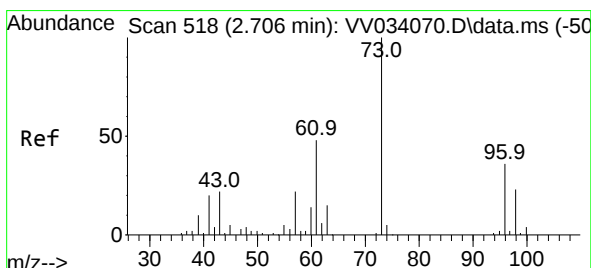
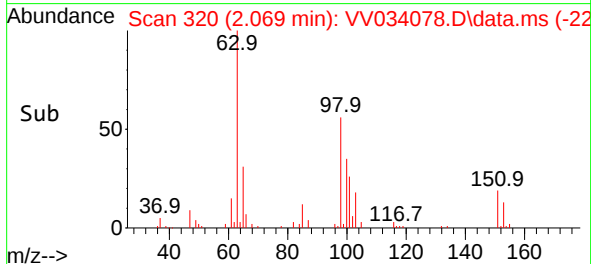
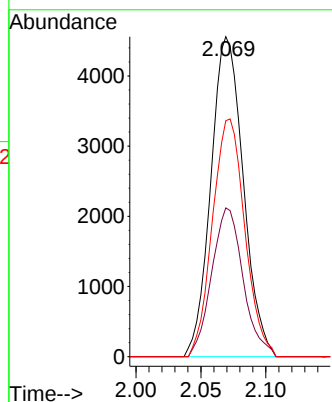
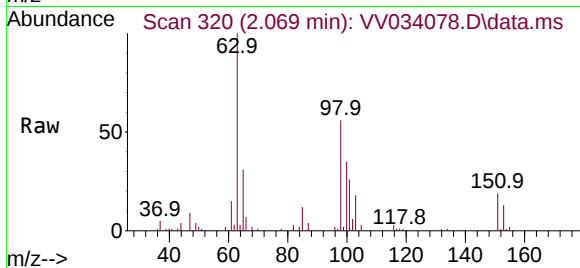




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.259 ug/L
RT: 2.069 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV034078.D
Acq: 08 Feb 2024 23:20

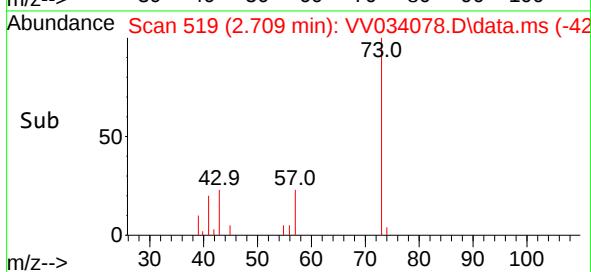
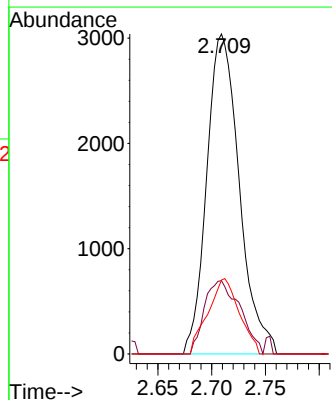
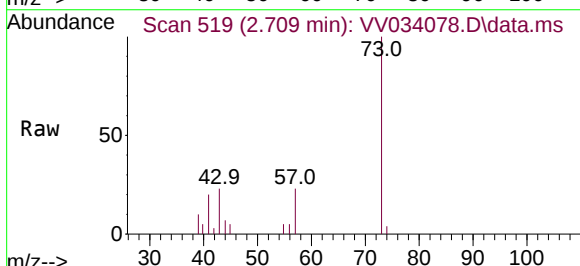
Instrument :
MSVOA_V
ClientSampleId :

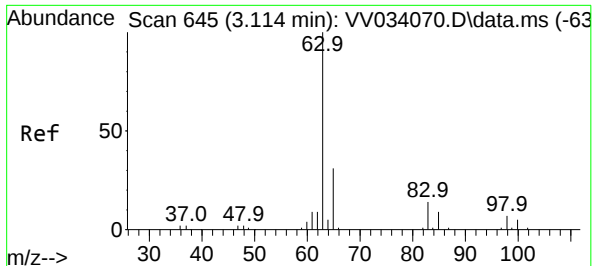
Tgt Ion:101 Resp: 7906
Ion Ratio Lower Upper
101 100
85 45.1 37.1 55.7
151 74.1 61.7 92.5



#17
Methyl tert-butyl Ether
Concen: 0.510 ug/L
RT: 2.709 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV034078.D
Acq: 08 Feb 2024 23:20

Tgt Ion: 73 Resp: 6392
Ion Ratio Lower Upper
73 100
43 25.1 17.7 26.5
57 22.8 17.9 26.9





#19

1,1-Dichloroethane

Concen: 0.115 ug/L

RT: 3.124 min Scan# 64

Delta R.T. 0.010 min

Lab File: VV034078.D

Acq: 08 Feb 2024 23:20

Instrument :

MSVOA_V

ClientSampleId :

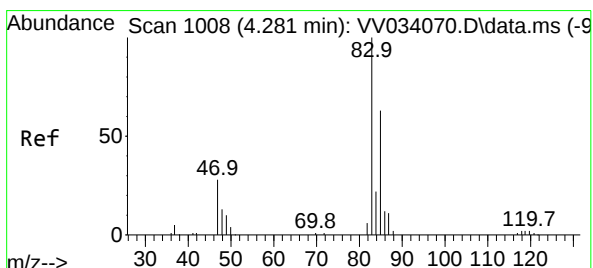
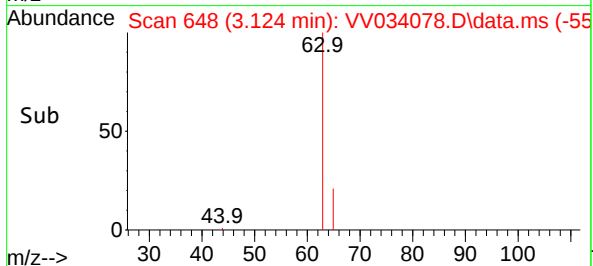
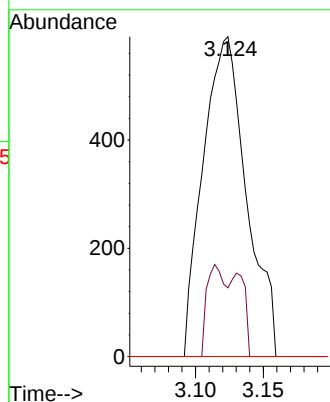
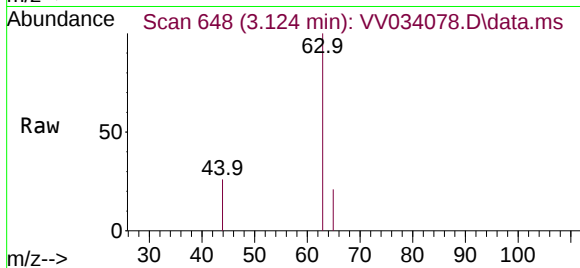
Tgt Ion: 63 Resp: 1316

Ion Ratio Lower Upper

63 100

65 21.5 20.8 38.6

83 0.0 9.4 17.4#



#25

Chloroform

Concen: 1.932 ug/L

RT: 4.281 min Scan# 1008

Delta R.T. -0.000 min

Lab File: VV034078.D

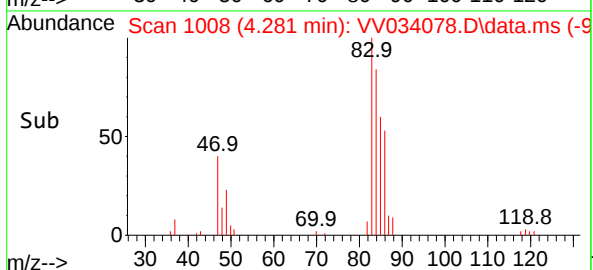
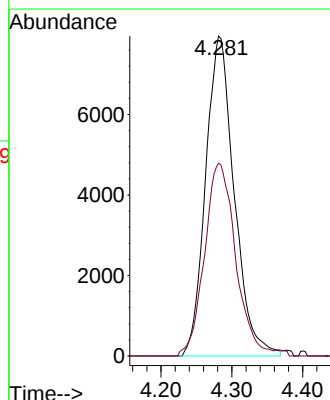
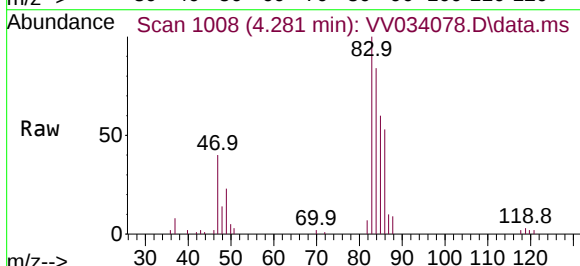
Acq: 08 Feb 2024 23:20

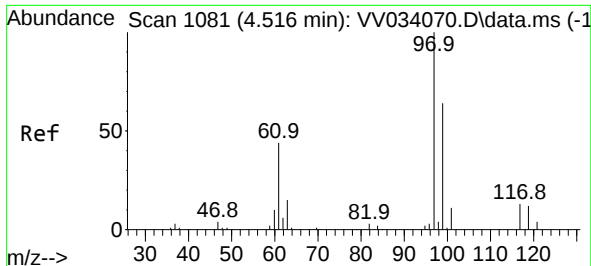
Tgt Ion: 83 Resp: 22285

Ion Ratio Lower Upper

83 100

85 60.2 47.5 88.1





#29

1,1,1-Trichloroethane

Concen: 0.800 ug/L

RT: 4.519 min Scan# 1081

Delta R.T. 0.003 min

Lab File: VV034078.D

Acq: 08 Feb 2024 23:20

Instrument :

MSVOA_V

ClientSampleId :

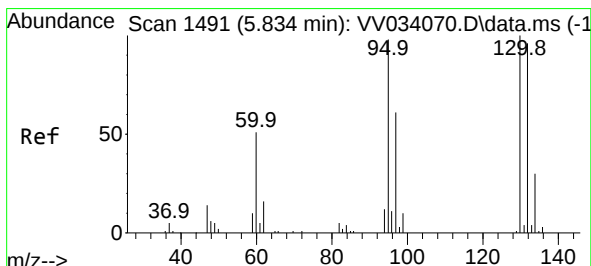
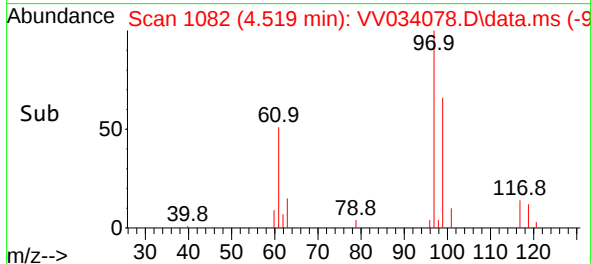
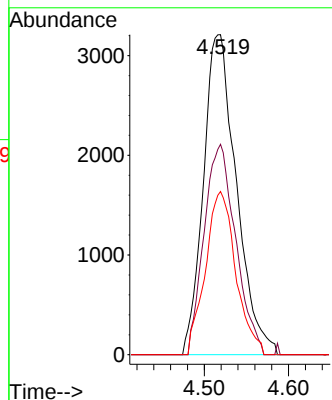
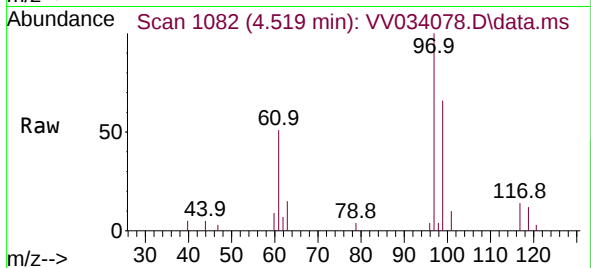
Tgt Ion: 97 Resp: 8744

Ion Ratio Lower Upper

97 100

99 62.8 50.6 75.8

61 46.8 36.8 55.2



#34

Trichloroethene

Concen: 1.445 ug/L

RT: 5.838 min Scan# 1492

Delta R.T. 0.003 min

Lab File: VV034078.D

Acq: 08 Feb 2024 23:20

Tgt Ion: 95 Resp: 10213

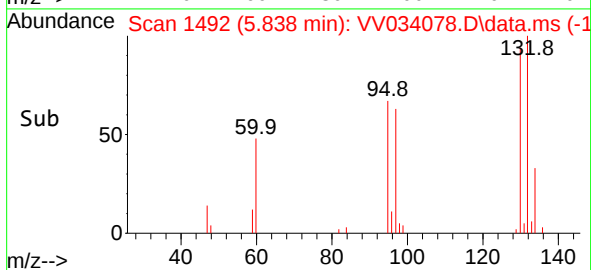
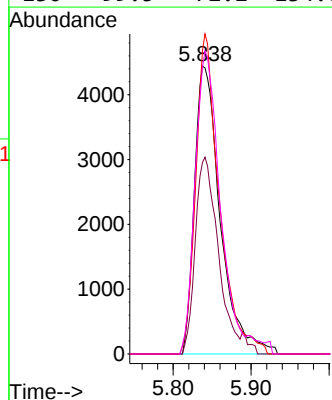
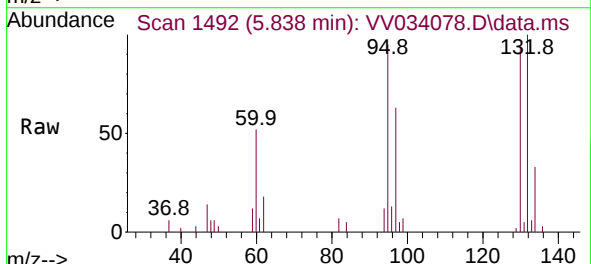
Ion Ratio Lower Upper

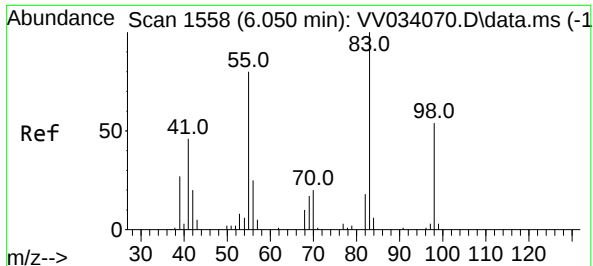
95 100

97 66.5 45.1 83.7

132 105.4 66.0 122.6

130 99.5 72.2 134.0

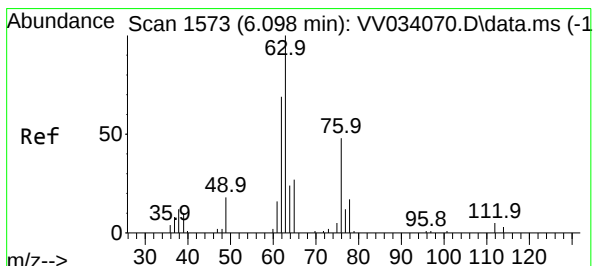
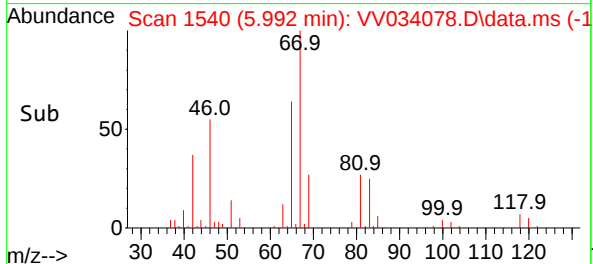
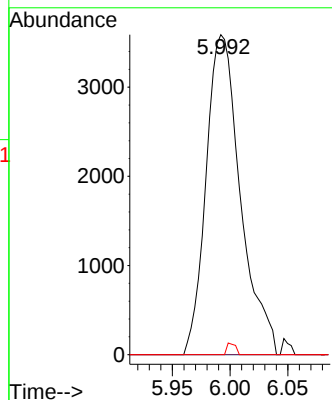
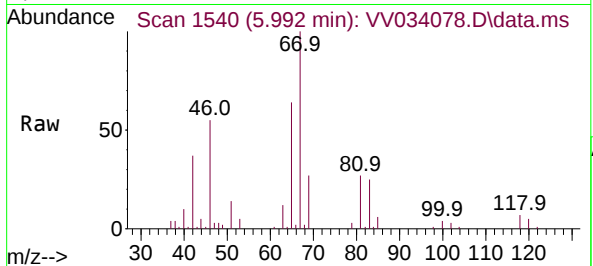




#35
Methylcyclohexane
Concen: 0.670 ug/L
RT: 5.992 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV034078.D
Acq: 08 Feb 2024 23:20

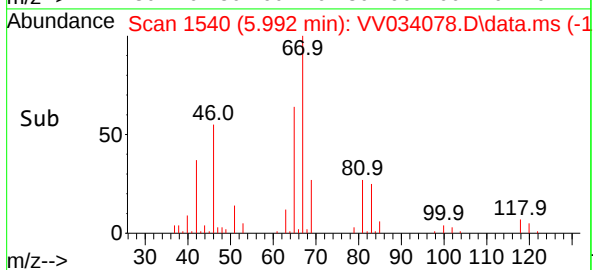
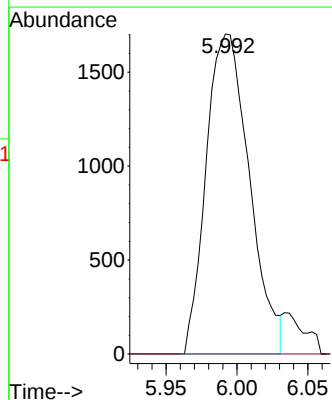
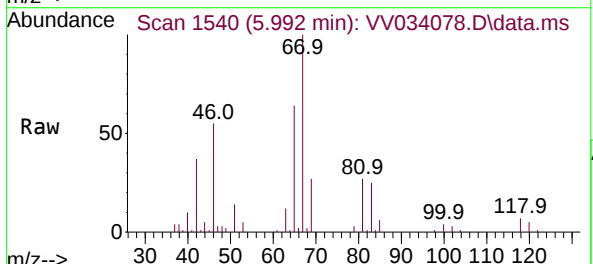
Instrument :
MSVOA_V
ClientSampleId :

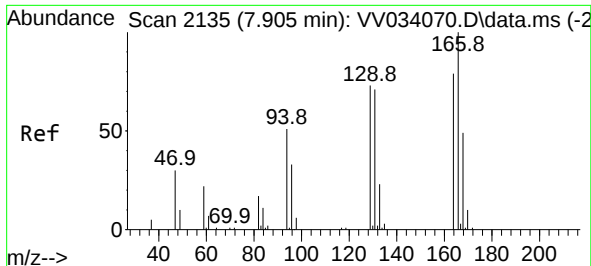
Tgt Ion: 83 Resp: 7432
Ion Ratio Lower Upper
83 100
55 0.0 63.5 95.3#
98 0.9 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.611 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.106 min
Lab File: VV034078.D
Acq: 08 Feb 2024 23:20

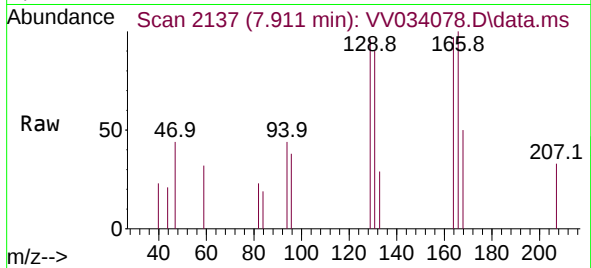
Tgt Ion: 63 Resp: 3614
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



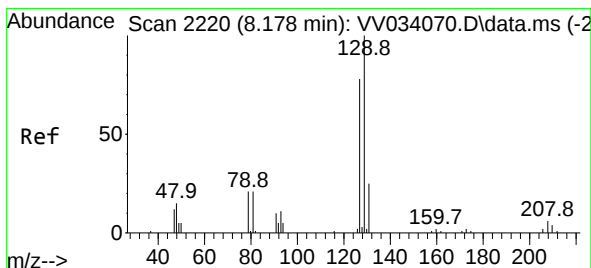
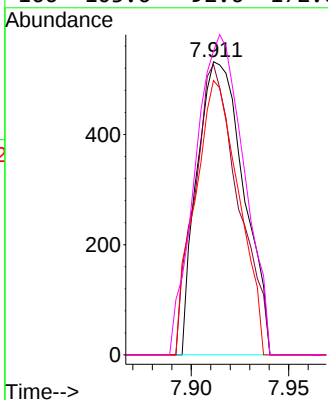
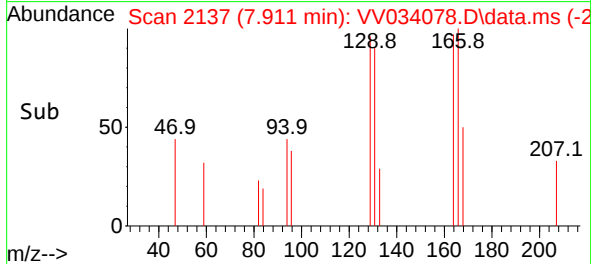


#47
Tetrachloroethene
Concen: 0.154 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. 0.006 min
Lab File: VV034078.D
Acq: 08 Feb 2024 23:20

Instrument :
MSVOA_V
ClientSampleId :

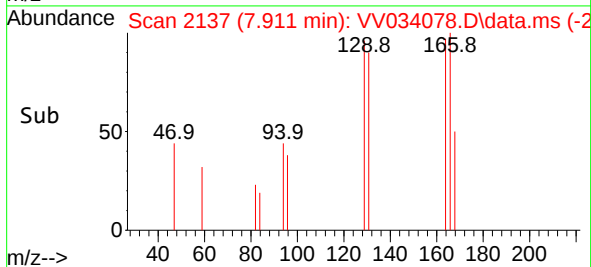
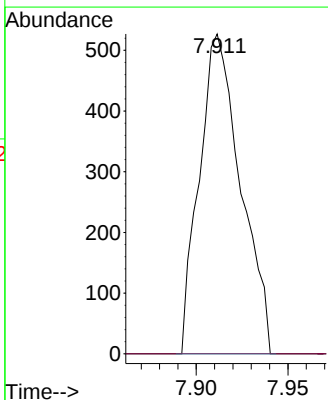
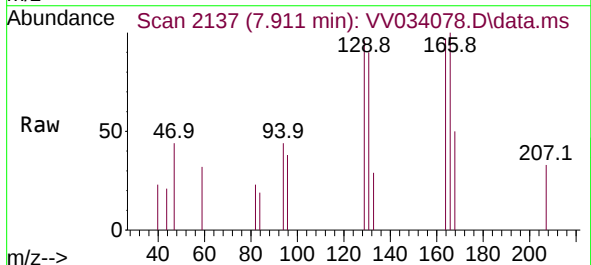


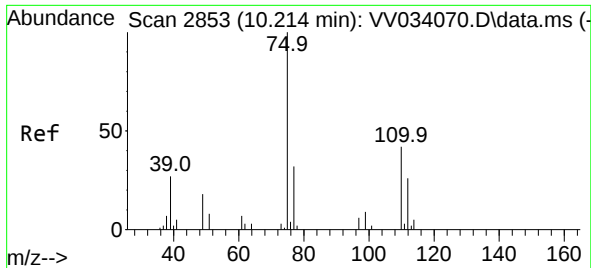
Tgt Ion:	164	Resp:	886
Ion	Ratio	Lower	Upper
164	100		
129	99.1	67.8	125.8
131	93.6	63.0	117.0
166	103.6	92.6	172.0



#49
Dibromochloromethane
Concen: 0.190 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.267 min
Lab File: VV034078.D
Acq: 08 Feb 2024 23:20

Tgt Ion:	129	Resp:	825
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.5	99.5#





#61

1,2,3-Trichloropropane

Concen: 1.672 ug/L

RT: 11.188 min Scan# 31

Delta R.T. 0.974 min

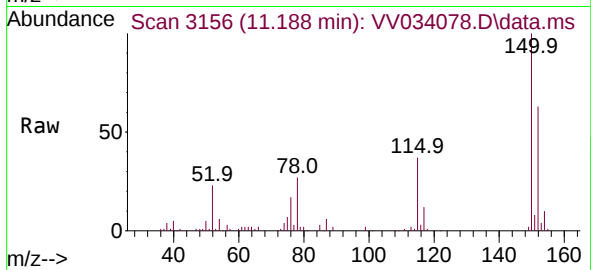
Lab File: VV034078.D

Acq: 08 Feb 2024 23:20

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	75	Resp:	4840
Ion	Ratio	Lower	Upper
75	100		
77	38.0	26.9	40.3
110	0.9	33.3	49.9#

