

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011624\
 Data File : VW033695.D
 Acq On : 17 Jan 2024 01:20
 Operator : SY/MD
 Sample : P1131-20DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AZ5DL

Quant Time: Jan 17 03:32:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 17 01:35:32 2024
 Response via : Initial Calibration

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

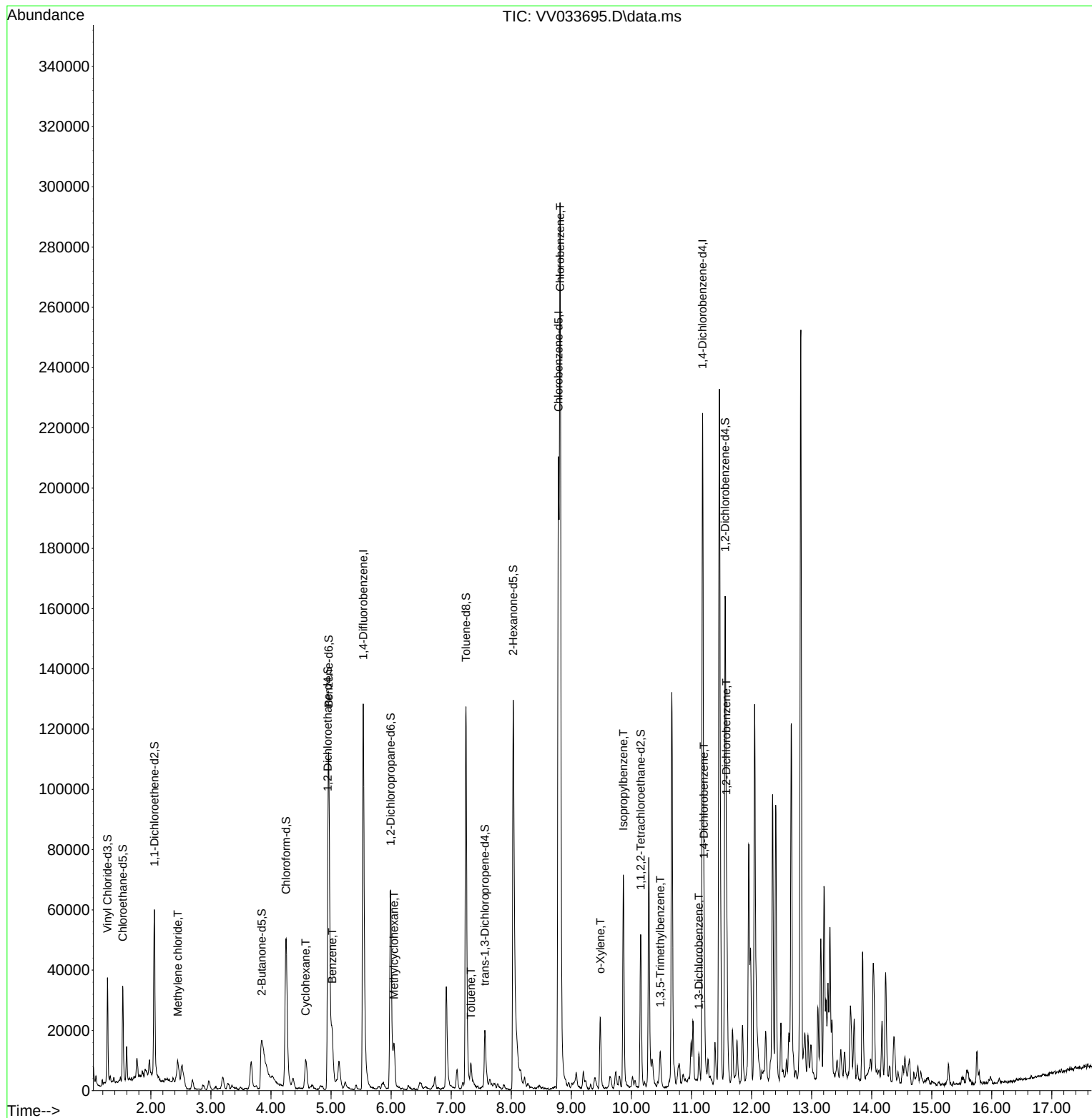
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	112619	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	101928	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	53608	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	19011	3.087	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.800%
7) Chloroethane-d5	1.532	69	20390	3.733	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.600%
11) 1,1-Dichloroethene-d2	2.060	65	9899	3.567	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.400%
20) 2-Butanone-d5	3.847	46	53004	35.202	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.400%
24) Chloroform-d	4.249	84	53816	4.041	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
26) 1,2-Dichloroethane-d4	4.947	65	26293	4.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	4.960	84	99419	4.042	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
36) 1,2-Dichloropropane-d6	5.992	67	32704	3.989	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.800%
41) Toluene-d8	7.246	98	86556	3.942	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.800%
43) trans-1,3-Dichloroprop...	7.561	79	12419	4.381	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.034	63	55139	49.543	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.080%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	23513	4.908	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	35863	4.357	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.200%
Target Compounds						Qvalue
16) Methylene chloride	2.449	84	2753	0.294	ug/L	97
30) Cyclohexane	4.574	56	5719	0.330	ug/L	96
33) Benzene	5.018	78	19410	0.536	ug/L	100
35) Methylcyclohexane	6.050	83	5702	0.350	ug/L	97
42) Toluene	7.330	91	6489	0.170	ug/L	96
51) Chlorobenzene	8.815	112	146408	6.245	ug/L	99
54) o-Xylene	9.484	106	5867	0.369	ug/L	99
60) Isopropylbenzene	9.866	105	44012	1.038	ug/L	99
62) 1,3,5-Trimethylbenzene	10.481	105	5554	0.152	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	4008	0.214	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	15703	0.855	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	11257	0.691	ug/L	99

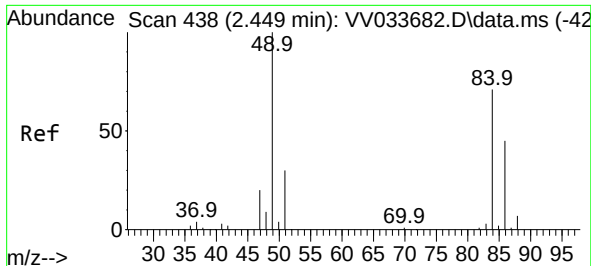
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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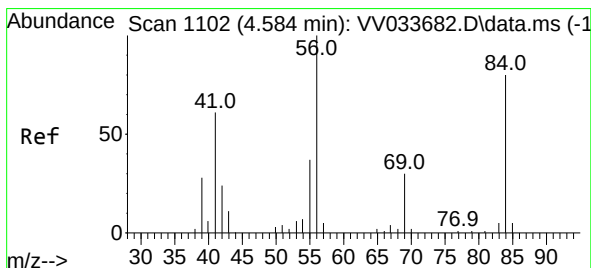
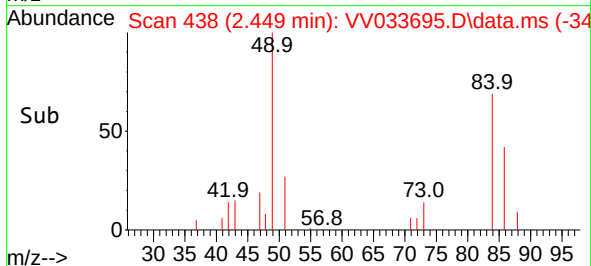
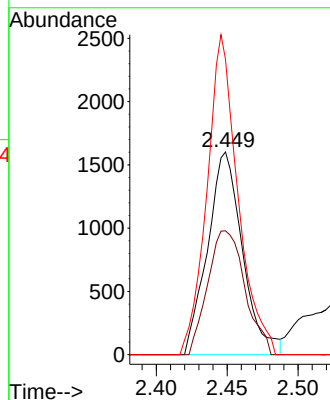
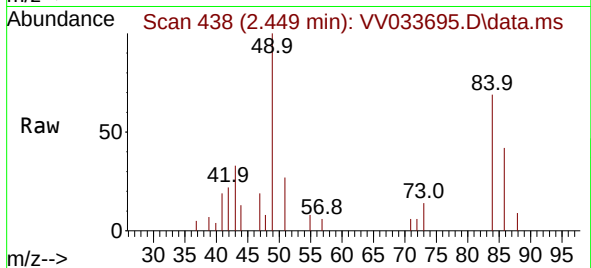


#16
Methylene chloride
Concen: 0.294 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV033695.D
Acq: 17 Jan 2024 01:20

Instrument :
MSVOA_V
ClientSampleId :
C0AZ5DL

Tgt Ion: 84 Resp: 2753

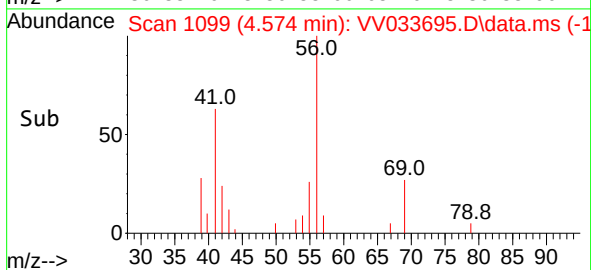
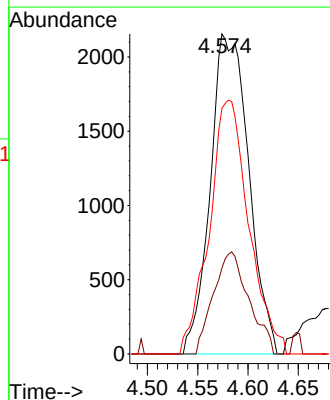
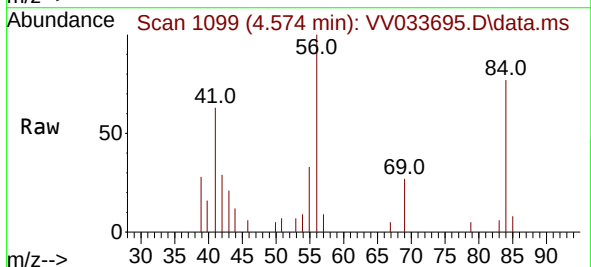
Ion	Ratio	Lower	Upper
84	100		
86	61.1	45.5	84.5
49	145.8	100.3	186.3

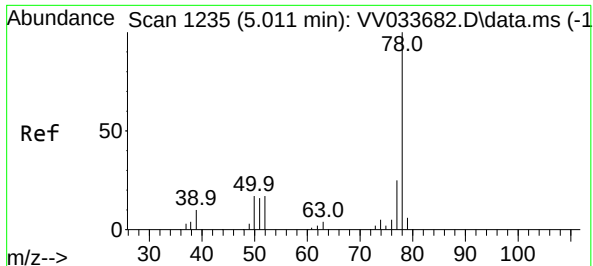


#30
Cyclohexane
Concen: 0.330 ug/L
RT: 4.574 min Scan# 1099
Delta R.T. -0.010 min
Lab File: VV033695.D
Acq: 17 Jan 2024 01:20

Tgt Ion: 56 Resp: 5719

Ion	Ratio	Lower	Upper
56	100		
69	29.4	23.3	34.9
84	81.6	61.7	92.5

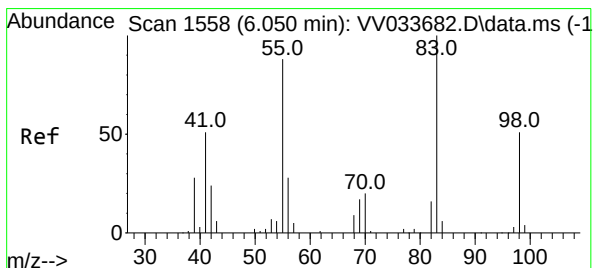
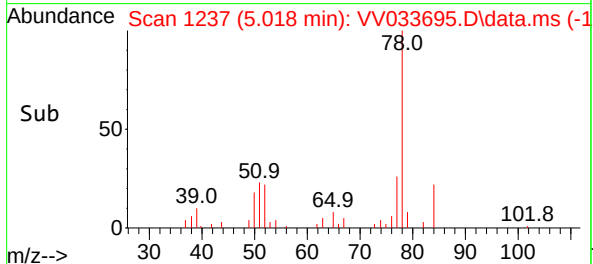
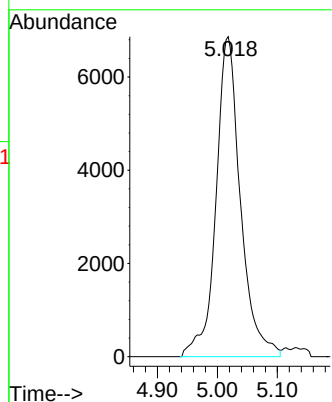
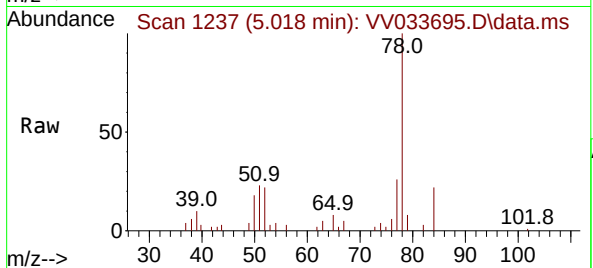




#33
Benzene
Concen: 0.536 ug/L
RT: 5.018 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV033695.D
Acq: 17 Jan 2024 01:20

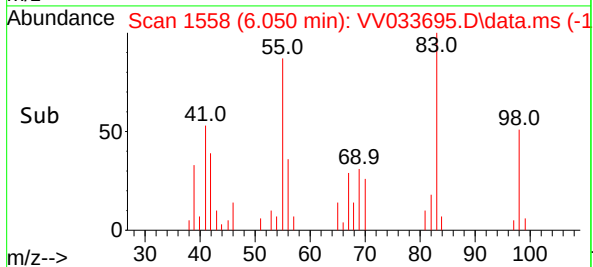
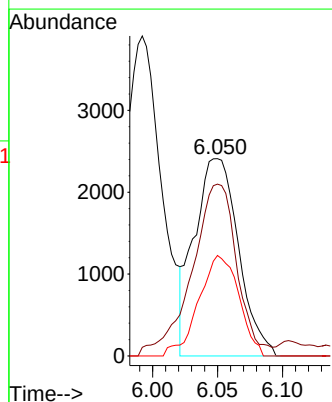
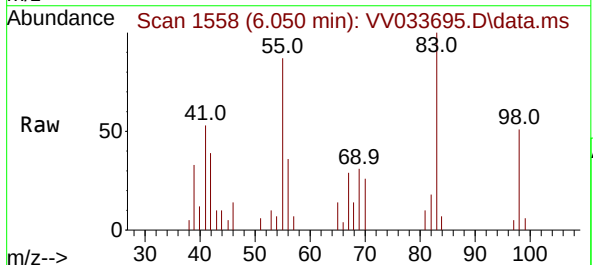
Instrument :
MSVOA_V
ClientSampleId :
C0AZ5DL

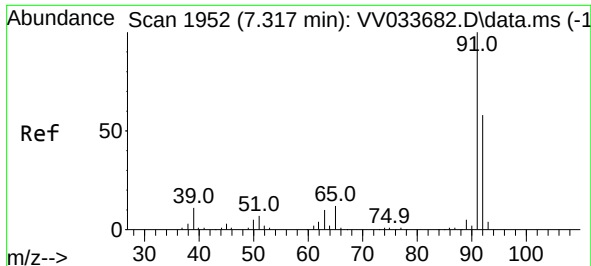
Tgt Ion: 78 Resp: 19410



#35
Methylcyclohexane
Concen: 0.350 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.000 min
Lab File: VV033695.D
Acq: 17 Jan 2024 01:20

Tgt Ion: 83 Resp: 5702
Ion Ratio Lower Upper
83 100
55 88.6 68.7 103.1
98 46.1 38.3 57.5





#42

Toluene

Concen: 0.170 ug/L

RT: 7.330 min Scan# 1956

Delta R.T. 0.013 min

Lab File: VV033695.D

Acq: 17 Jan 2024 01:20

Instrument :

MSVOA_V

ClientSampleId :

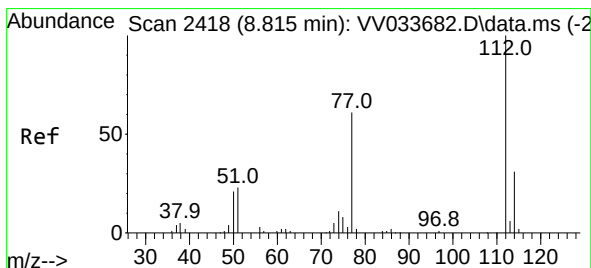
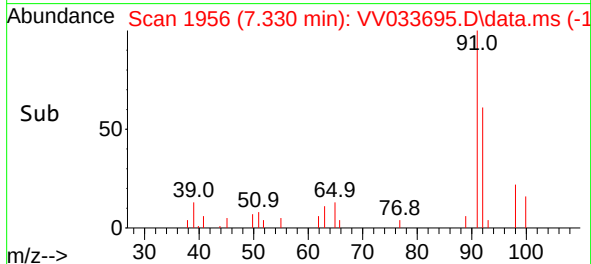
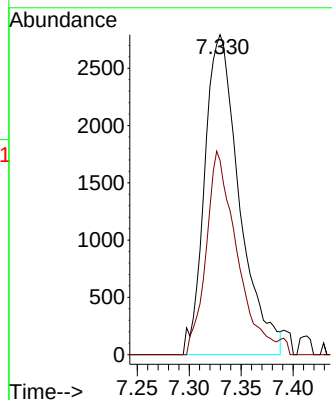
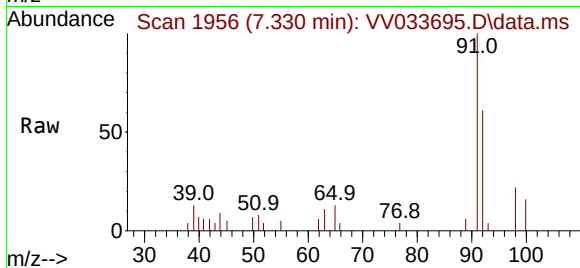
C0AZ5DL

Tgt Ion: 91 Resp: 6489

Ion Ratio Lower Upper

91 100

92 60.7 40.5 75.3



#51

Chlorobenzene

Concen: 6.245 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. 0.000 min

Lab File: VV033695.D

Acq: 17 Jan 2024 01:20

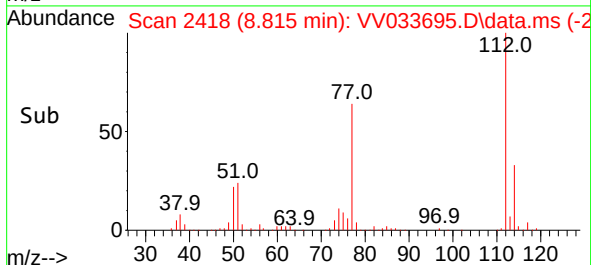
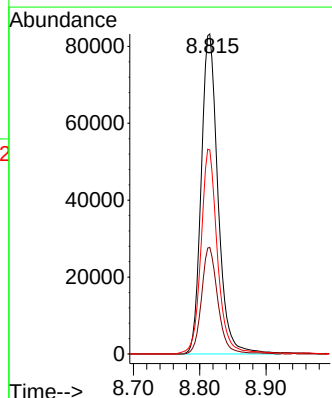
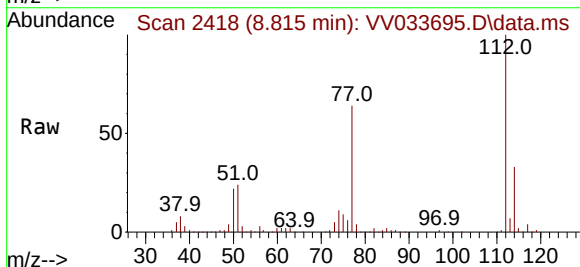
Tgt Ion: 112 Resp: 146408

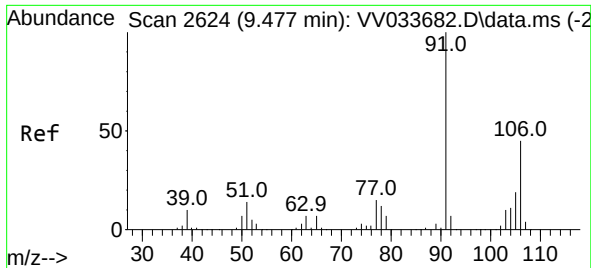
Ion Ratio Lower Upper

112 100

114 33.3 22.9 42.5

77 63.7 50.8 76.2

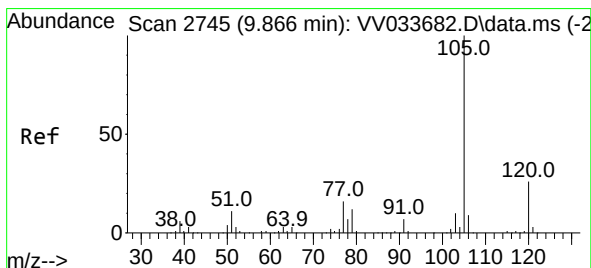
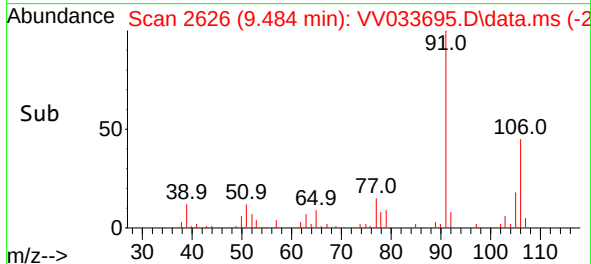
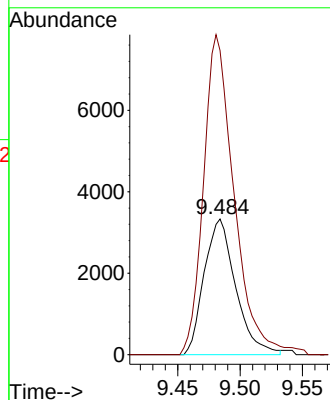
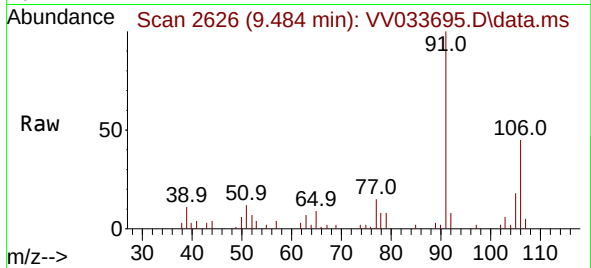




#54
o-Xylene
Concen: 0.369 ug/L
RT: 9.484 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV033695.D
Acq: 17 Jan 2024 01:20

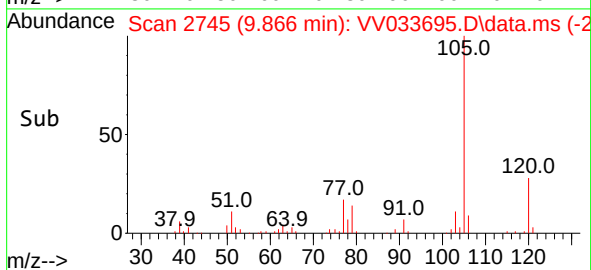
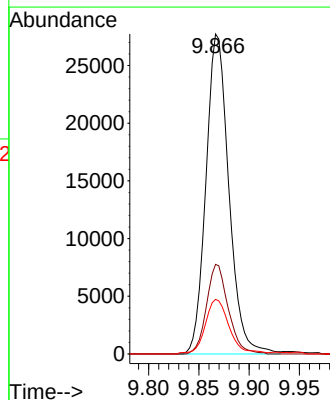
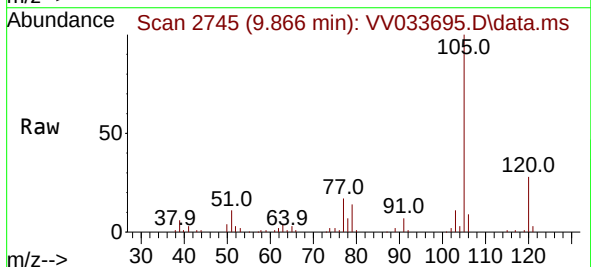
Instrument :
MSVOA_V
ClientSampleId :
C0AZ5DL

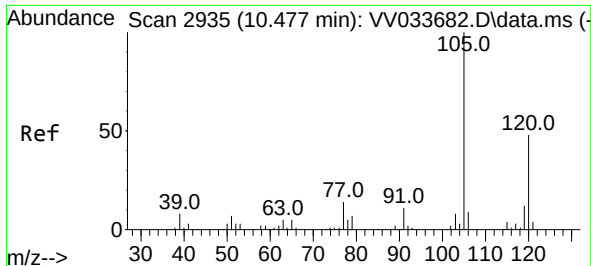
Tgt Ion:106 Resp: 5867
Ion Ratio Lower Upper
106 100
91 224.1 156.0 289.6



#60
Isopropylbenzene
Concen: 1.038 ug/L
RT: 9.866 min Scan# 2745
Delta R.T. 0.000 min
Lab File: VV033695.D
Acq: 17 Jan 2024 01:20

Tgt Ion:105 Resp: 44012
Ion Ratio Lower Upper
105 100
120 26.4 21.0 31.6
77 17.8 13.4 20.0

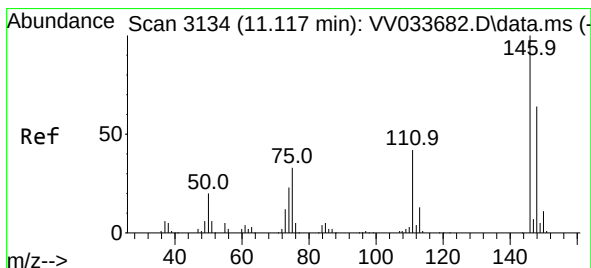
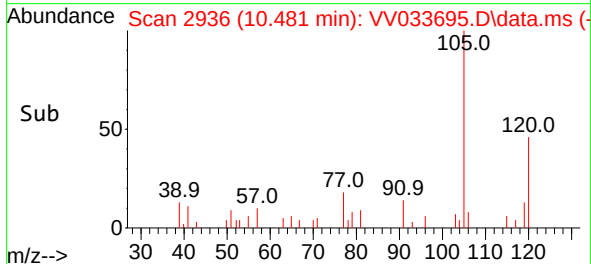
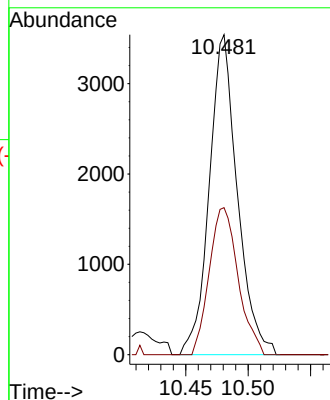
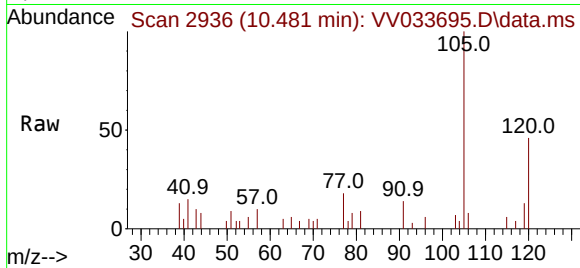




#62
 1,3,5-Trimethylbenzene
 Concen: 0.152 ug/L
 RT: 10.481 min Scan# 2935
 Delta R.T. 0.003 min
 Lab File: VV033695.D
 Acq: 17 Jan 2024 01:20

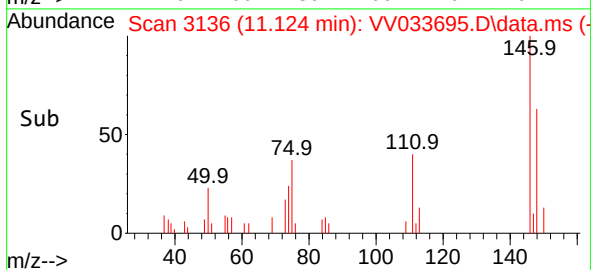
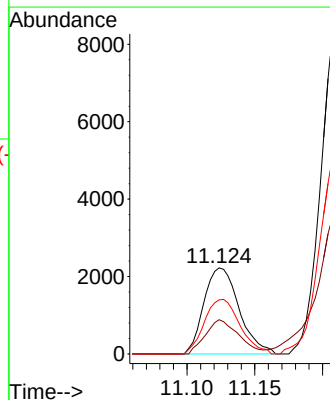
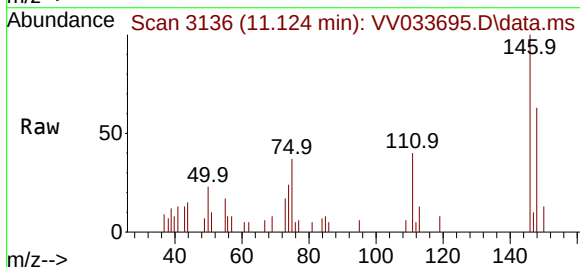
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AZ5DL

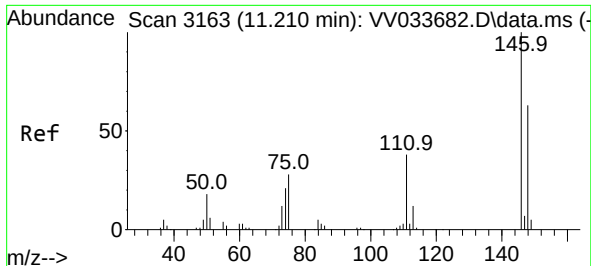
Tgt Ion:105 Resp: 5554
 Ion Ratio Lower Upper
 105 100
 120 47.2 38.3 57.5



#64
 1,3-Dichlorobenzene
 Concen: 0.214 ug/L
 RT: 11.124 min Scan# 3136
 Delta R.T. 0.006 min
 Lab File: VV033695.D
 Acq: 17 Jan 2024 01:20

Tgt Ion:146 Resp: 4008
 Ion Ratio Lower Upper
 146 100
 111 39.8 29.2 54.2
 148 62.8 44.1 81.9





#65

1,4-Dichlorobenzene

Concen: 0.855 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VV033695.D

Acq: 17 Jan 2024 01:20

Instrument :

MSVOA_V

ClientSampleId :

C0AZ5DL

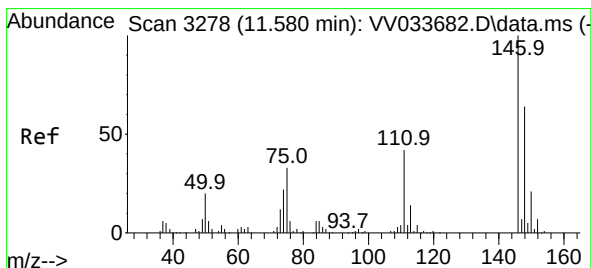
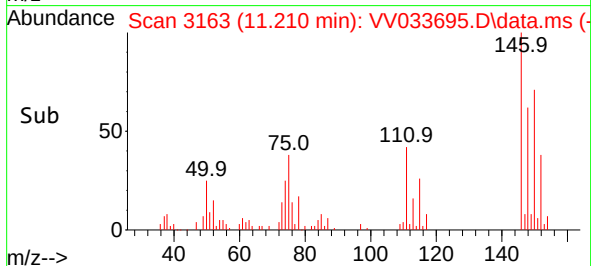
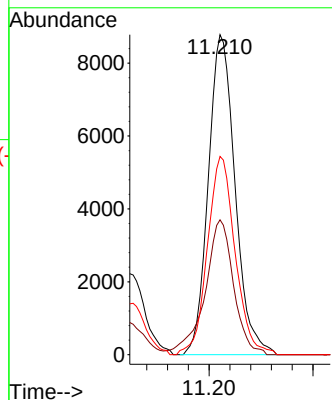
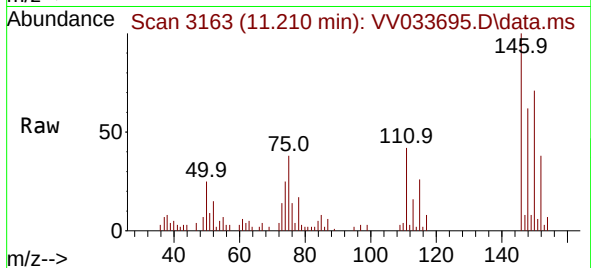
Tgt Ion:146 Resp: 15703

Ion Ratio Lower Upper

146 100

111 42.1 27.5 51.1

148 62.0 43.3 80.5



#67

1,2-Dichlorobenzene

Concen: 0.691 ug/L

RT: 11.580 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VV033695.D

Acq: 17 Jan 2024 01:20

Tgt Ion:146 Resp: 11257

Ion Ratio Lower Upper

146 100

111 44.2 36.1 54.1

148 65.7 52.2 78.2

