

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011824\
 Data File : VW033733.D
 Acq On : 18 Jan 2024 12:08
 Operator : SY/MD
 Sample : P1143-04DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AX8DL

Quant Time: Jan 19 00:10:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 19 00:08:23 2024
 Response via : Initial Calibration

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

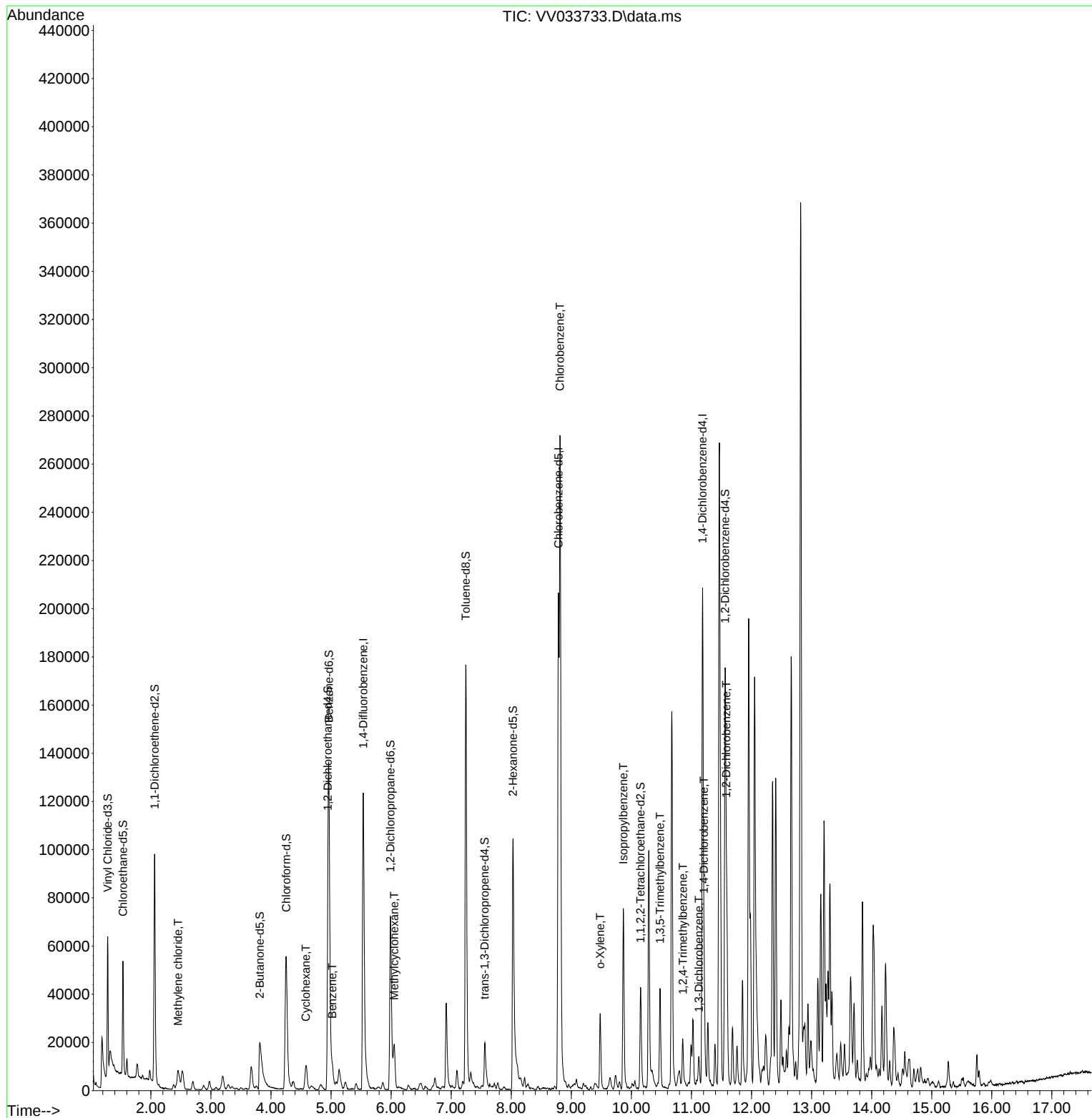
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	107325	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	98102	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	49731	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	35521	6.052	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	121.000%
7) Chloroethane-d5	1.536	69	29110	5.593	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.800%
11) 1,1-Dichloroethene-d2	2.063	65	16588	6.272	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	125.400%#
20) 2-Butanone-d5	3.812	46	47845	33.343	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	66.680%
24) Chloroform-d	4.252	84	60090	4.735	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	4.947	65	26608	4.676	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	4.963	84	125375	5.297	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.000%
36) 1,2-Dichloropropane-d6	5.989	67	36547	4.631	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.243	98	117149	5.544	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.800%
43) trans-1,3-Dichloroprop...	7.558	79	11684	4.282	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.600%
46) 2-Hexanone-d5	8.027	63	38445	35.890	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.780%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	19062	4.134	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	36801	4.820	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						
16) Methylene chloride	2.452	84	2348	0.263	ug/L	92
30) Cyclohexane	4.580	56	6053	0.363	ug/L #	92
33) Benzene	5.021	78	8384	0.241	ug/L	100
35) Methylcyclohexane	6.053	83	7255	0.462	ug/L	97
51) Chlorobenzene	8.812	112	136041	6.029	ug/L	98
54) o-Xylene	9.481	106	7792	0.509	ug/L	97
60) Isopropylbenzene	9.866	105	46765	1.189	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	20871	0.614	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	10903	0.318	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	4716	0.271	ug/L	96
65) 1,4-Dichlorobenzene	11.210	146	18051	1.059	ug/L	95
67) 1,2-Dichlorobenzene	11.580	146	9349	0.618	ug/L	96

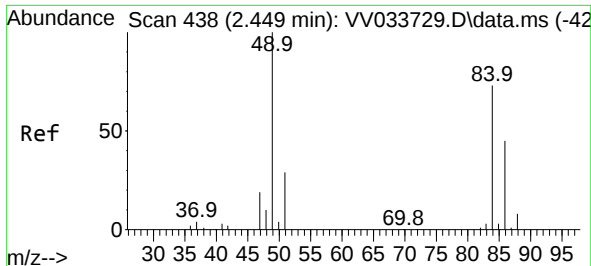
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 19 00:08:23 2024
Response via : Initial Calibration

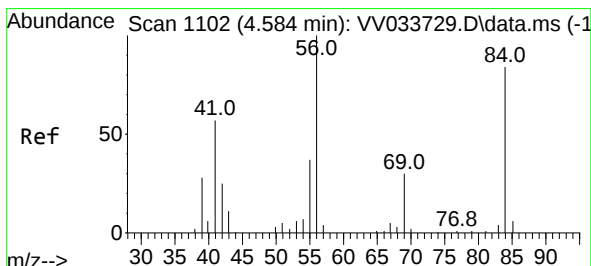
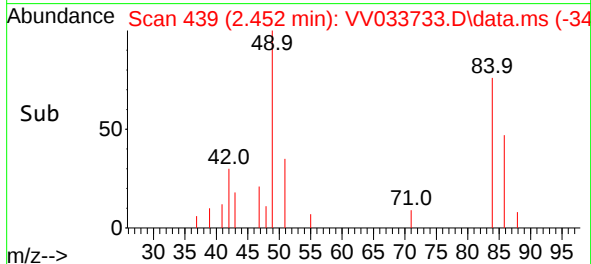
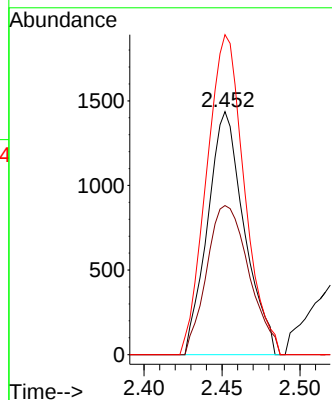
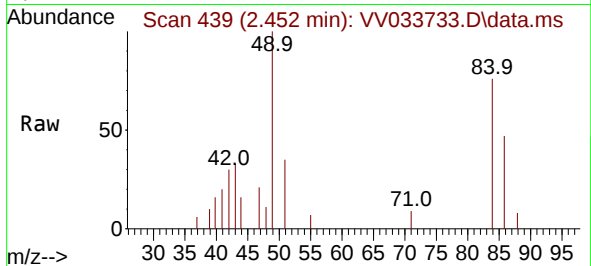




#16
Methylene chloride
Concen: 0.263 ug/L
RT: 2.452 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV033733.D
Acq: 18 Jan 2024 12:08

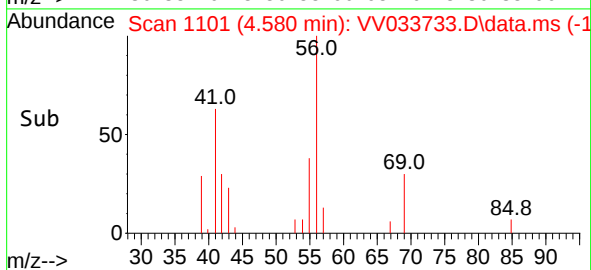
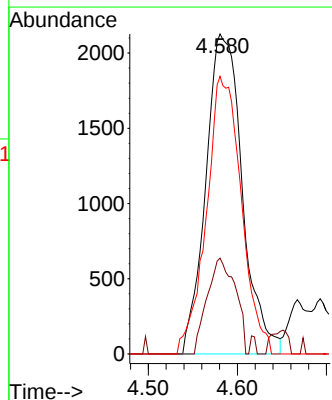
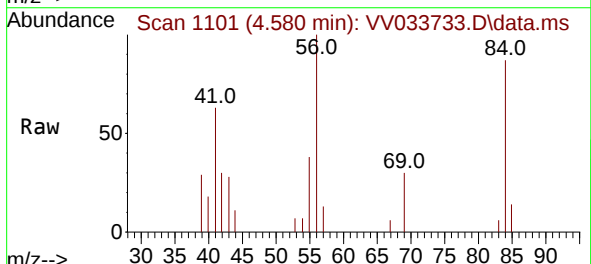
Instrument :
MSVOA_V
ClientSampleId :
C0AX8DL

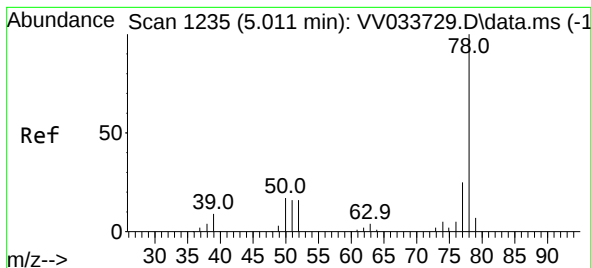
Tgt Ion: 84 Resp: 2348
Ion Ratio Lower Upper
84 100
86 61.4 45.5 84.5
49 131.7 100.3 186.3



#30
Cyclohexane
Concen: 0.363 ug/L
RT: 4.580 min Scan# 1101
Delta R.T. -0.003 min
Lab File: VV033733.D
Acq: 18 Jan 2024 12:08

Tgt Ion: 56 Resp: 6053
Ion Ratio Lower Upper
56 100
69 23.1 23.3 34.9#
84 82.9 61.7 92.5





#33

Benzene

Concen: 0.241 ug/L

RT: 5.021 min Scan# 11

Delta R.T. 0.010 min

Lab File: VV033733.D

Acq: 18 Jan 2024 12:08

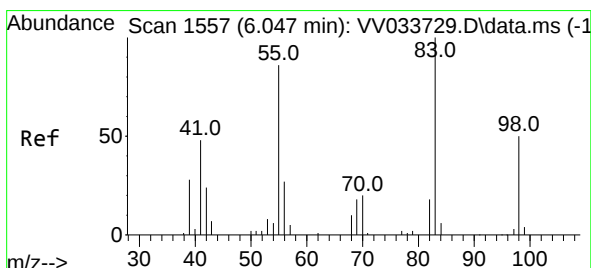
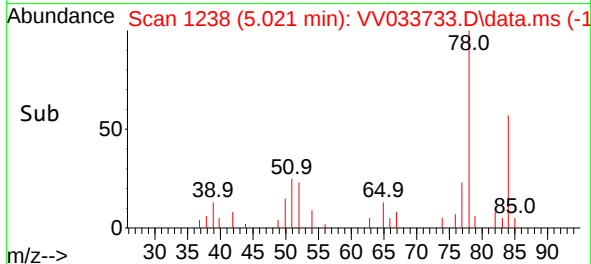
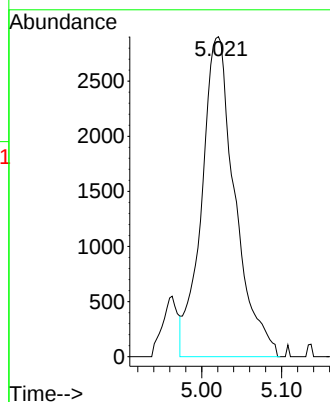
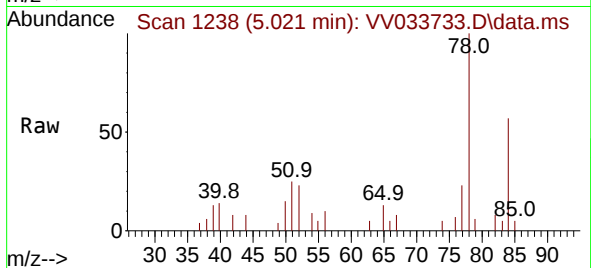
Instrument :

MSVOA_V

ClientSampleId :

C0AX8DL

Tgt Ion: 78 Resp: 8384



#35

Methylcyclohexane

Concen: 0.462 ug/L

RT: 6.053 min Scan# 1559

Delta R.T. 0.006 min

Lab File: VV033733.D

Acq: 18 Jan 2024 12:08

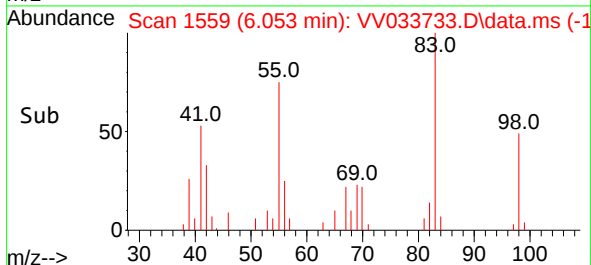
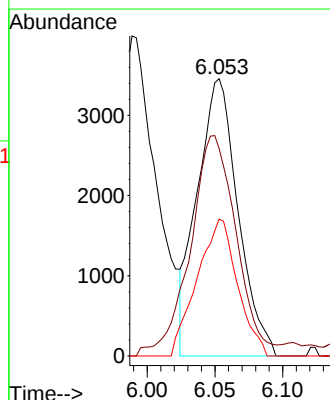
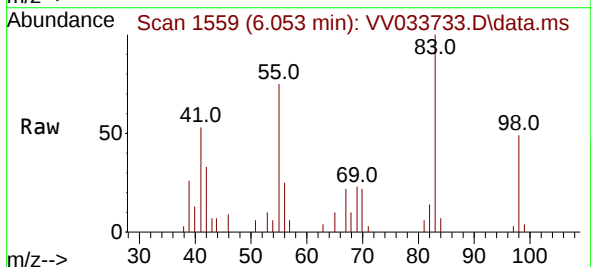
Tgt Ion: 83 Resp: 7255

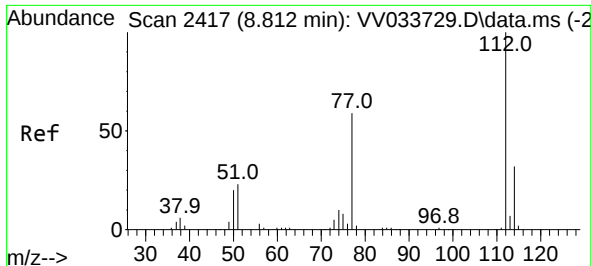
Ion Ratio Lower Upper

83 100

55 89.1 68.7 103.1

98 48.5 38.3 57.5

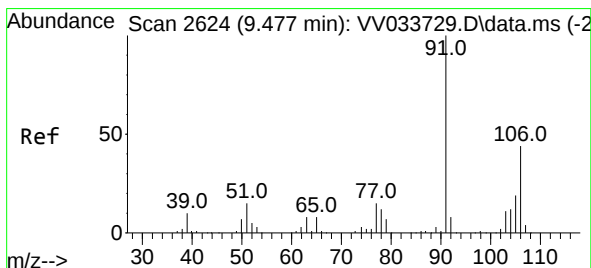
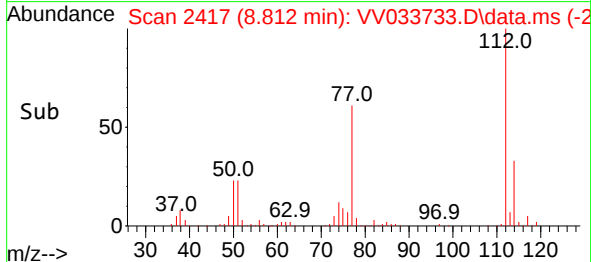
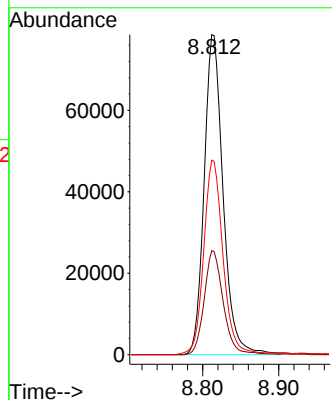
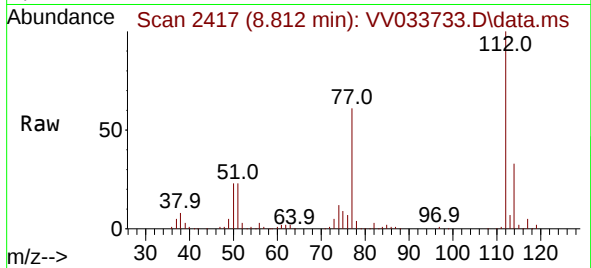




#51
Chlorobenzene
Concen: 6.029 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV033733.D
Acq: 18 Jan 2024 12:08

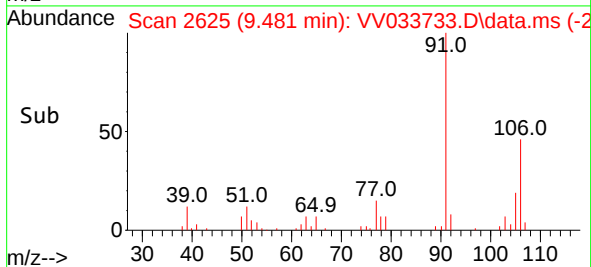
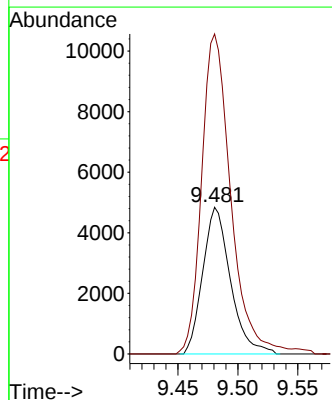
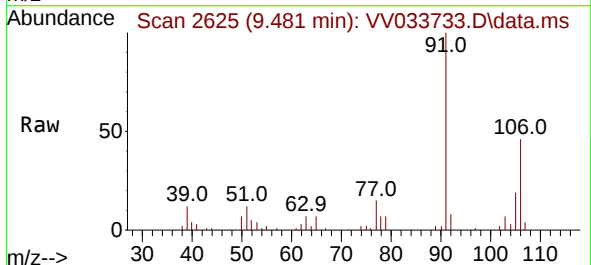
Instrument :
MSVOA_V
ClientSampleId :
C0AX8DL

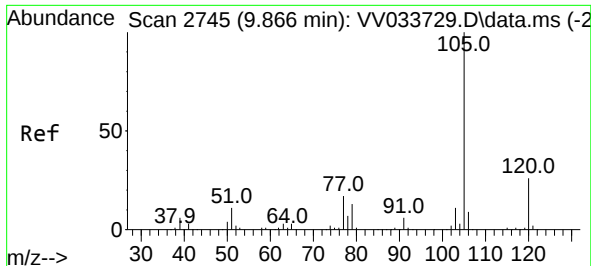
Tgt Ion:112 Resp: 136041
Ion Ratio Lower Upper
112 100
114 32.5 22.9 42.5
77 60.8 50.8 76.2



#54
o-Xylene
Concen: 0.509 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.003 min
Lab File: VV033733.D
Acq: 18 Jan 2024 12:08

Tgt Ion:106 Resp: 7792
Ion Ratio Lower Upper
106 100
91 218.1 156.0 289.6

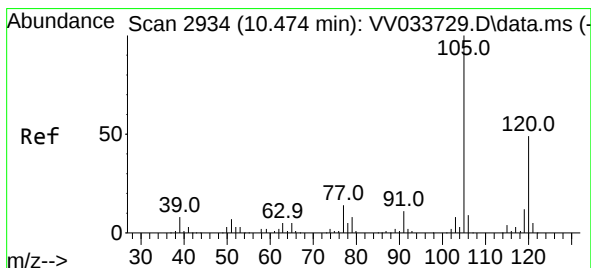
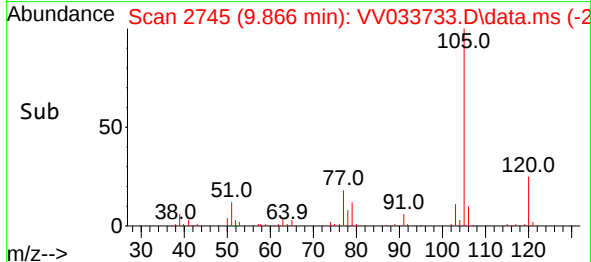
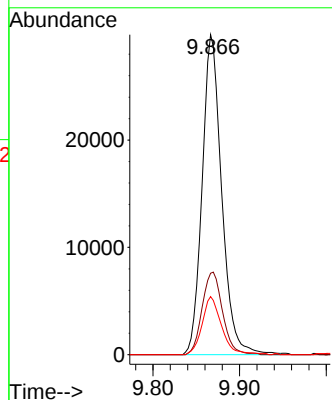
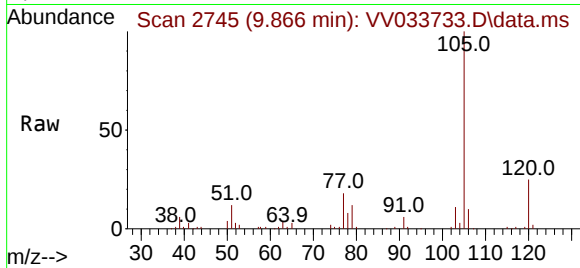




#60
Isopropylbenzene
Concen: 1.189 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV033733.D
Acq: 18 Jan 2024 12:08

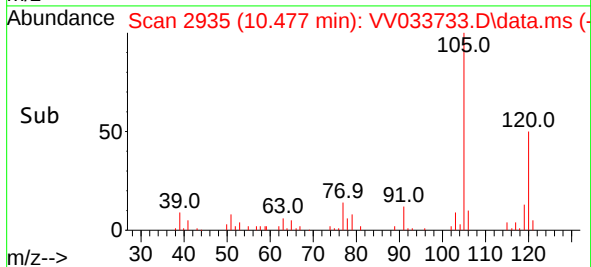
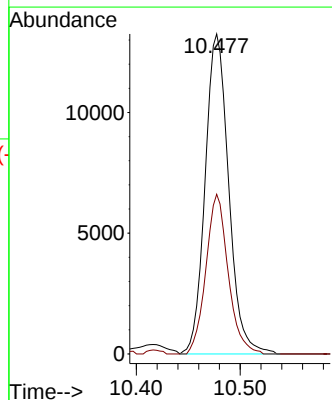
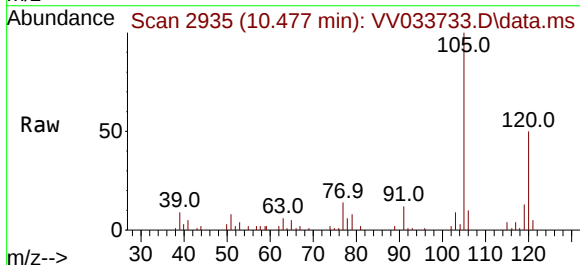
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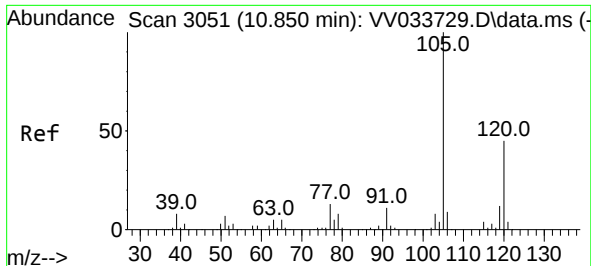
Tgt Ion:105 Resp: 46765
Ion Ratio Lower Upper
105 100
120 26.8 21.0 31.6
77 18.0 13.4 20.0



#62
1,3,5-Trimethylbenzene
Concen: 0.614 ug/L
RT: 10.477 min Scan# 2935
Delta R.T. 0.003 min
Lab File: VV033733.D
Acq: 18 Jan 2024 12:08

Tgt Ion:105 Resp: 20871
Ion Ratio Lower Upper
105 100
120 47.1 38.3 57.5

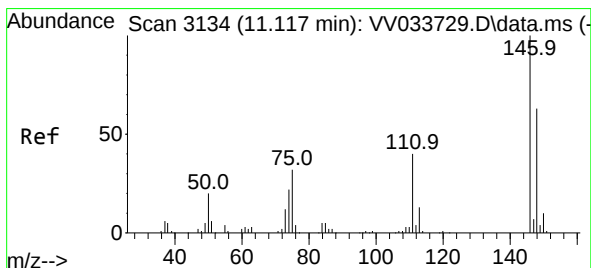
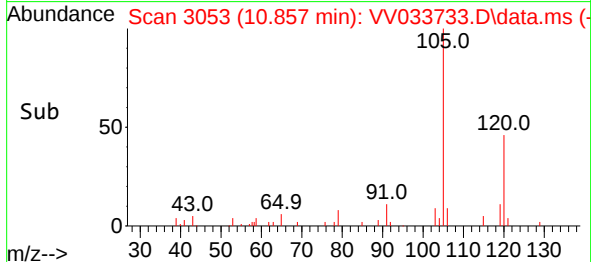
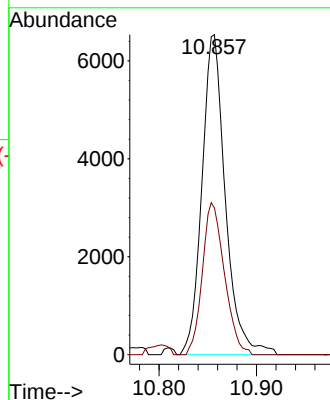
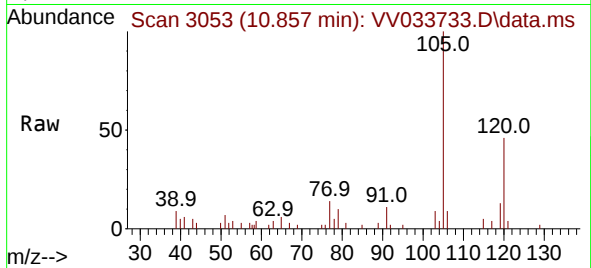




#63
1,2,4-Trimethylbenzene
Concen: 0.318 ug/L
RT: 10.857 min Scan# 3051
Delta R.T. 0.006 min
Lab File: VV033733.D
Acq: 18 Jan 2024 12:08

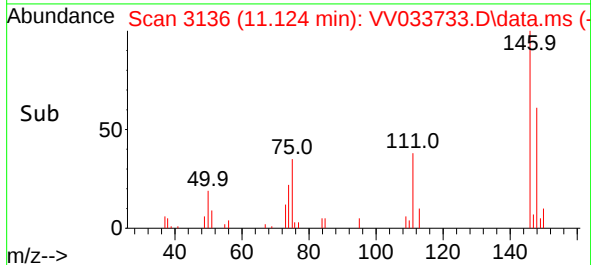
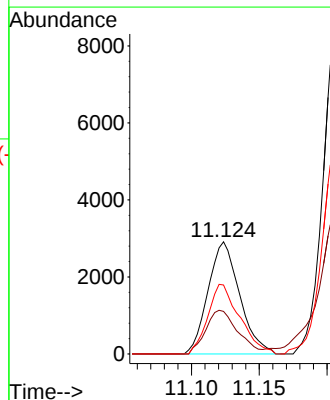
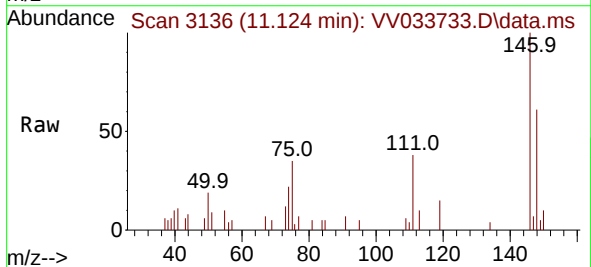
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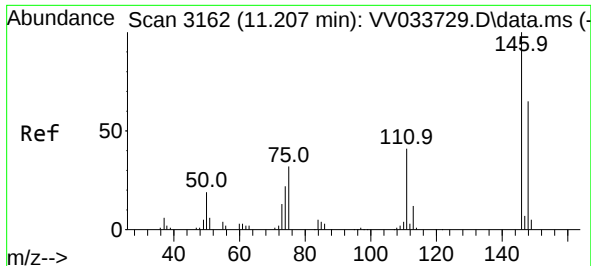
Tgt Ion:105 Resp: 10903
Ion Ratio Lower Upper
105 100
120 44.8 35.5 53.3



#64
1,3-Dichlorobenzene
Concen: 0.271 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. 0.006 min
Lab File: VV033733.D
Acq: 18 Jan 2024 12:08

Tgt Ion:146 Resp: 4716
Ion Ratio Lower Upper
146 100
111 37.9 29.2 54.2
148 61.5 44.1 81.9

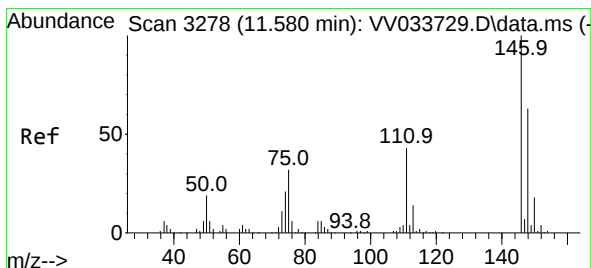
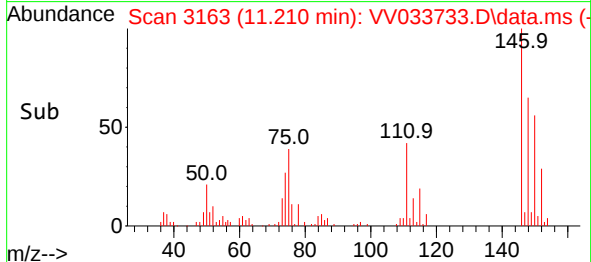
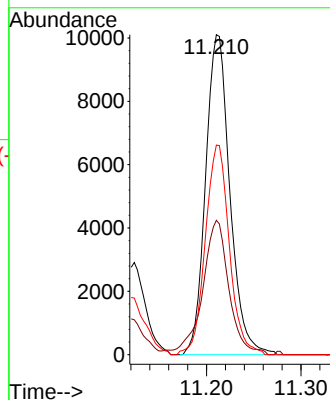
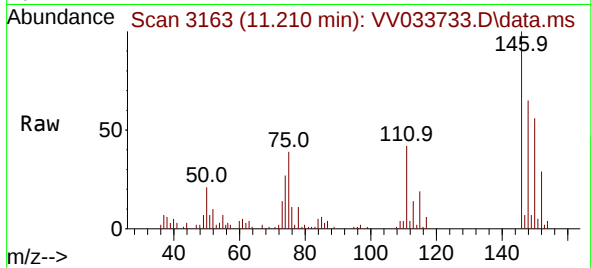




#65
1,4-Dichlorobenzene
Concen: 1.059 ug/L
RT: 11.210 min Scan# 3162
Delta R.T. 0.003 min
Lab File: VV033733.D
Acq: 18 Jan 2024 12:08

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Tgt Ion:146 Resp: 18051
Ion Ratio Lower Upper
146 100
111 42.0 27.5 51.1
148 65.5 43.3 80.5



#67
1,2-Dichlorobenzene
Concen: 0.618 ug/L
RT: 11.580 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VV033733.D
Acq: 18 Jan 2024 12:08

Tgt Ion:146 Resp: 9349
Ion Ratio Lower Upper
146 100
111 43.5 36.1 54.1
148 61.5 52.2 78.2

