

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100422\
 Data File : VW028353.D
 Acq On : 05 Oct 2022 02:36
 Operator : SY/MD
 Sample : N4872-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 05 04:18:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	193509	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	196864	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	93113	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	59357	4.082	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.600%
7) Chloroethane-d5	1.561	69	56808	4.615	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.101	63	87472	3.192	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.800%
20) 2-Butanone-d5	3.899	46	157103	63.860	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.720%
24) Chloroform-d	4.342	84	131264	4.983	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.027	65	65408	5.356	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.200%
32) Benzene-d6	5.043	84	262512	4.861	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	6.063	67	83032	5.360	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.200%
41) Toluene-d8	7.310	98	215144	4.332	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
43) trans-1,3-Dichloroprop...	7.622	79	25235	4.277	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.600%
46) 2-Hexanone-d5	8.085	63	126454	52.361	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.720%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	61529	5.240	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.800%
66) 1,2-Dichlorobenzene-d4	11.619	152	87149	5.438	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	1168	0.079	ug/L #	76
6) Bromomethane	1.516	94	346	0.044	ug/L	79
8) Chloroethane	1.397	64	197097	17.804	ug/L #	51
25) Chloroform	4.368	83	19683	0.729	ug/L	97
35) Methylcyclohexane	6.066	83	19555	0.816	ug/L #	17
37) 1,2-Dichloropropane	6.066	63	8467	0.624	ug/L #	87
38) Bromodichloromethane	6.510	83	7514	0.401	ug/L	95
49) Dibromochloromethane	8.243	129	2433	0.191	ug/L	81
51) Chlorobenzene	8.879	112	7942	0.194	ug/L	94
52) Ethylbenzene	9.014	91	12485	0.193	ug/L	99
53) m,p-Xylene	9.140	106	5329	0.206	ug/L	86
54) o-Xylene	9.542	106	3684	0.151	ug/L	93
61) 1,2,3-Trichloropropane	11.181	75	6306	0.878	ug/L #	51
64) 1,3-Dichlorobenzene	11.181	146	25244	0.902	ug/L	97
65) 1,4-Dichlorobenzene	11.268	146	70555	2.517	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	62964	2.480	ug/L	97
70) 1,2,4-trichlorobenzene	13.265	180	1049	0.062	ug/L	92

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ALS Vial : 41 Sample Multiplier: 1

Instrument :
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ClientSampleId :

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 04 02:28:45 2022
Response via : Initial Calibration

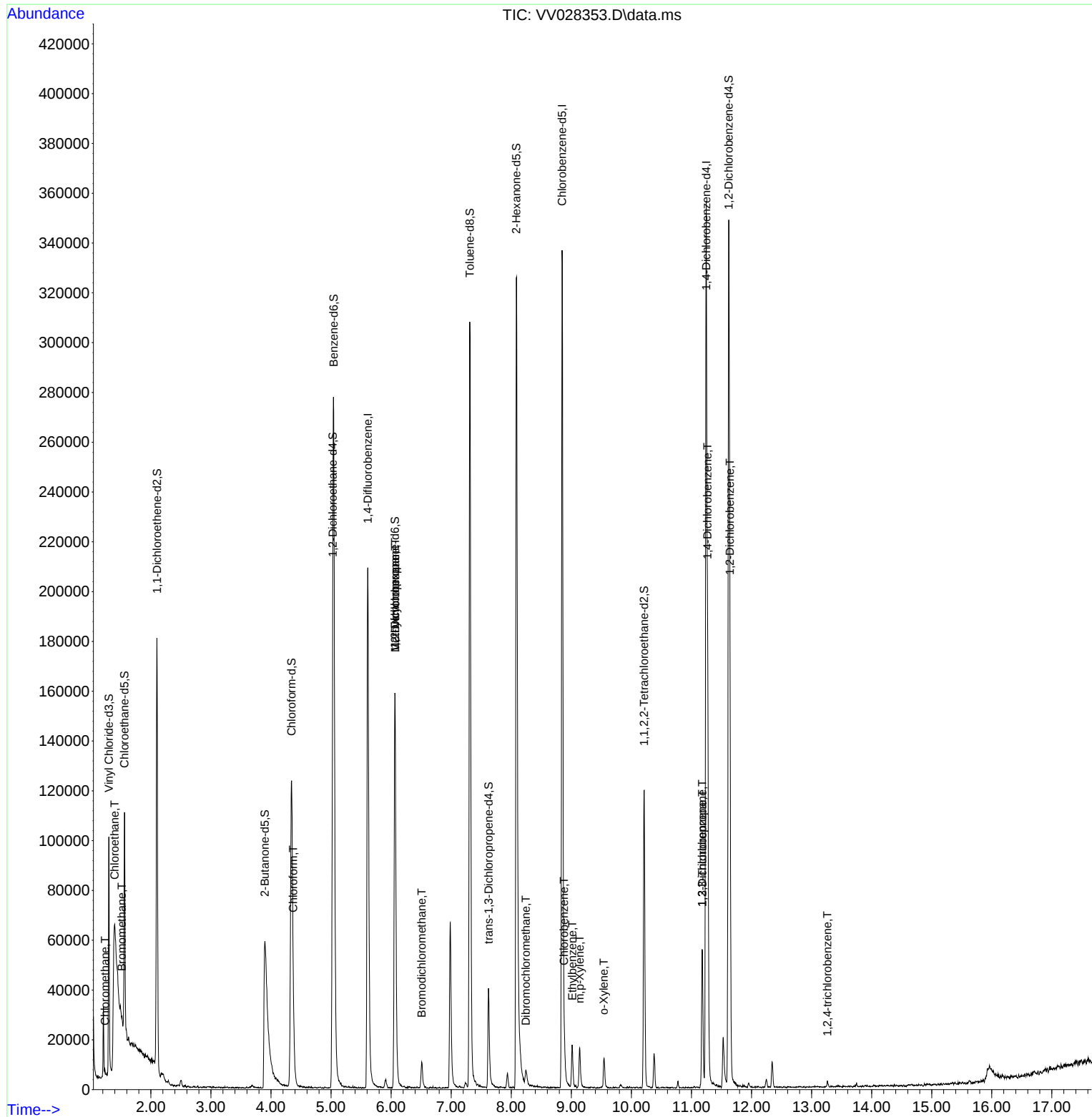
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

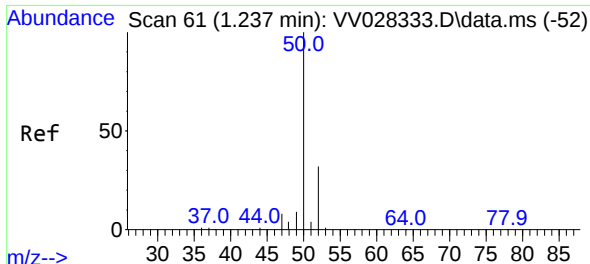
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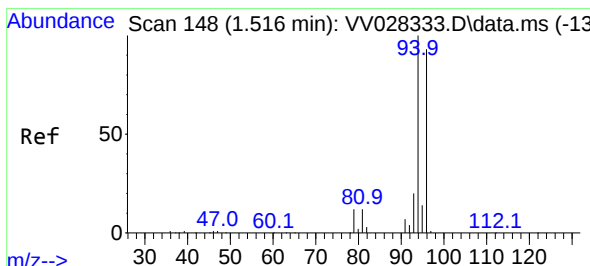
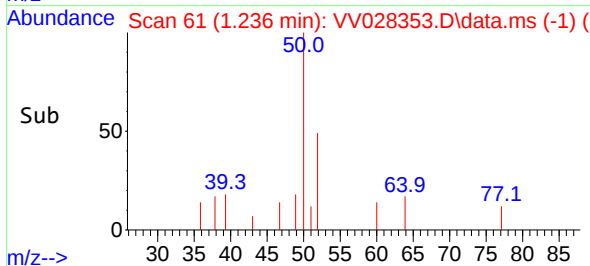
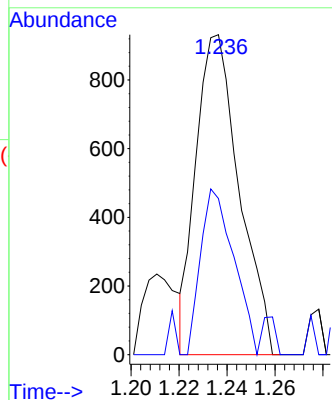
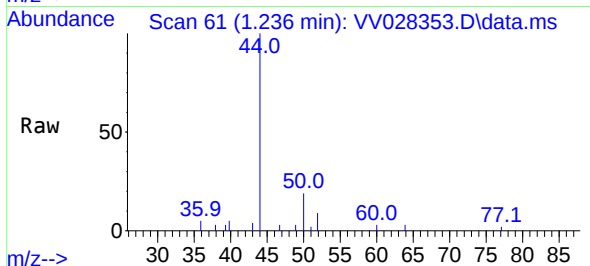




#3
Chloromethane
Concen: 0.079 ug/L
RT: 1.236 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV028353.D
Acq: 05 Oct 2022 02:36

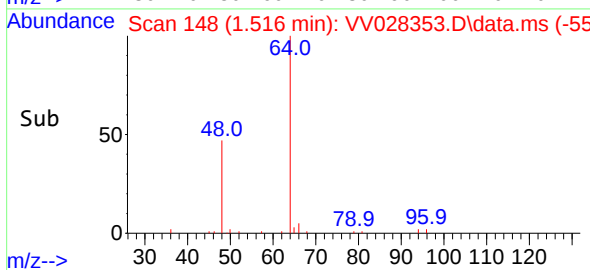
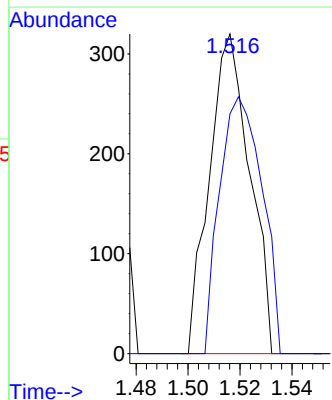
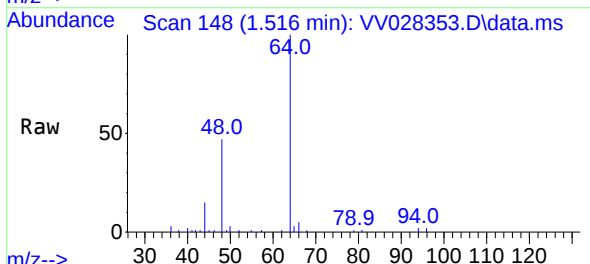
Instrument :
MSVOA_V
ClientSampleId :

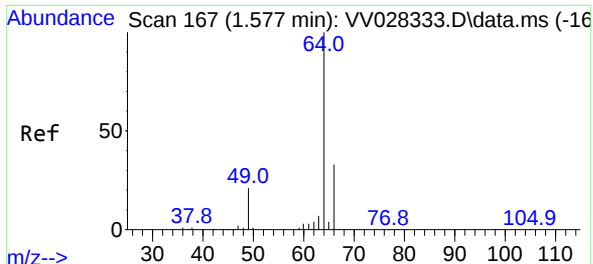
Tgt Ion: 50 Resp: 1168
Ion Ratio Lower Upper
50 100
52 48.8 24.4 45.2#



#6
Bromomethane
Concen: 0.044 ug/L
RT: 1.516 min Scan# 148
Delta R.T. 0.000 min
Lab File: VV028353.D
Acq: 05 Oct 2022 02:36

Tgt Ion: 94 Resp: 346
Ion Ratio Lower Upper
94 100
96 75.0 66.7 123.9

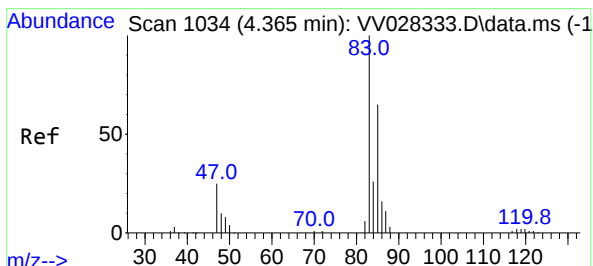
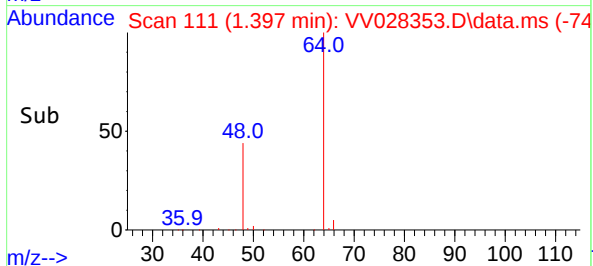
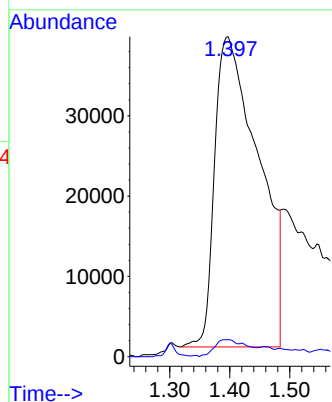
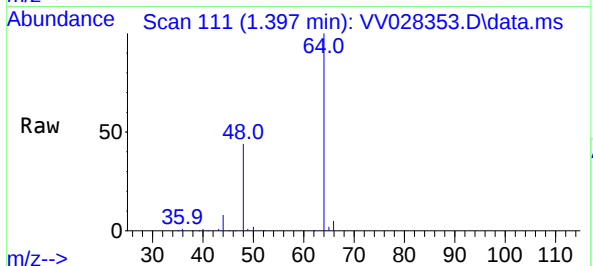




#8
Chloroethane
Concen: 17.804 ug/L
RT: 1.397 min Scan# 111
Delta R.T. -0.180 min
Lab File: VV028353.D
Acq: 05 Oct 2022 02:36

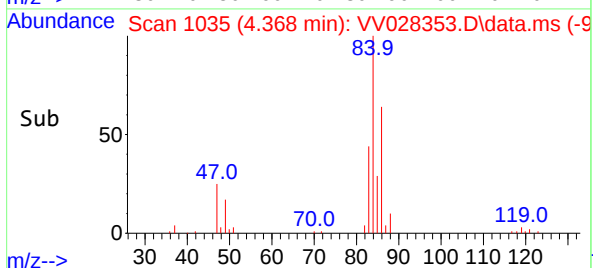
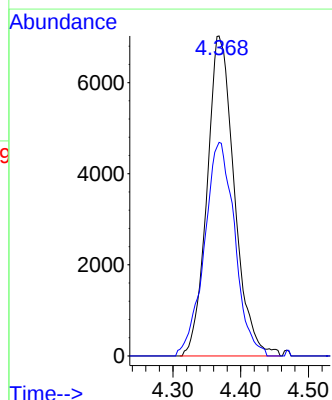
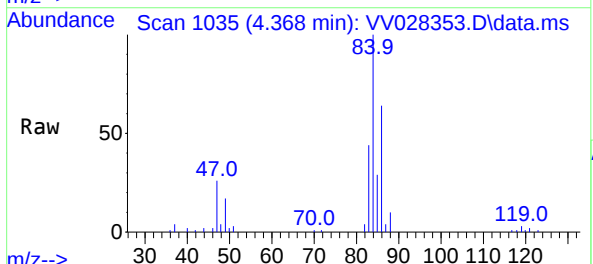
Instrument :
MSVOA_V
ClientSampleId :

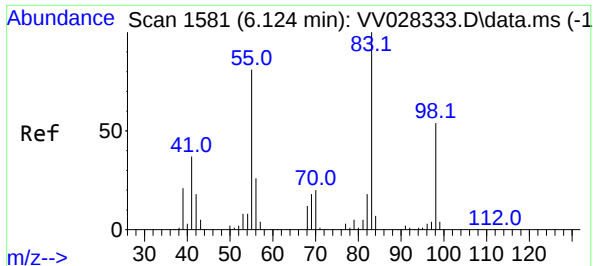
Tgt Ion: 64 Resp: 197097
Ion Ratio Lower Upper
64 100
66 5.3 23.0 42.8#



#25
Chloroform
Concen: 0.729 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VV028353.D
Acq: 05 Oct 2022 02:36

Tgt Ion: 83 Resp: 19683
Ion Ratio Lower Upper
83 100
85 66.8 45.1 83.7

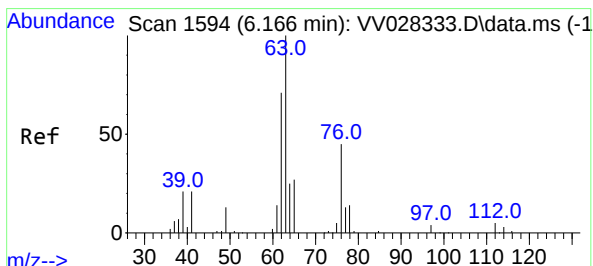
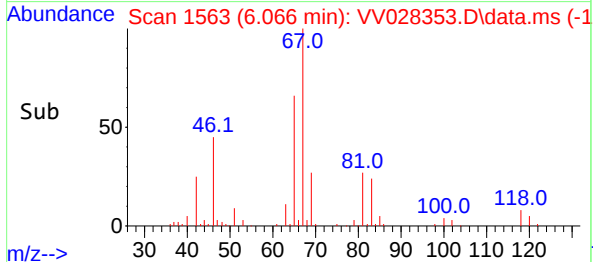
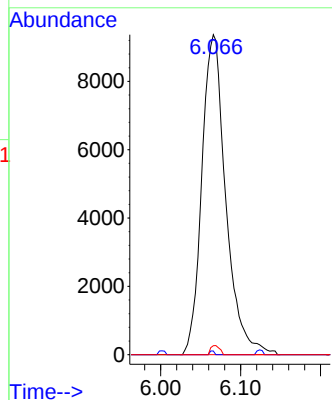
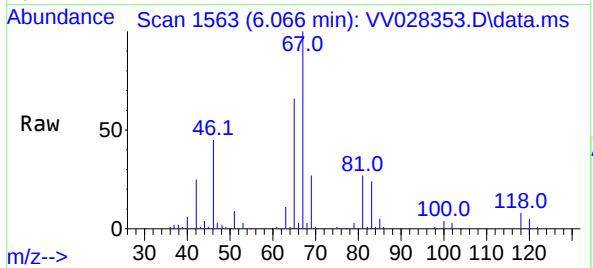




#35
Methylcyclohexane
Concen: 0.816 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV028353.D
Acq: 05 Oct 2022 02:36

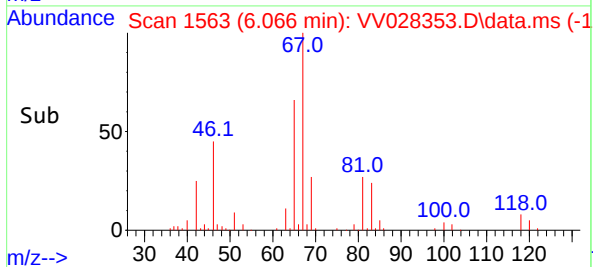
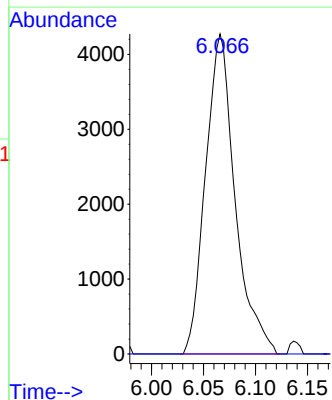
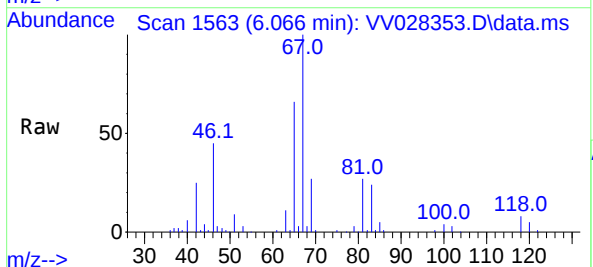
Instrument :
MSVOA_V
ClientSampleId :

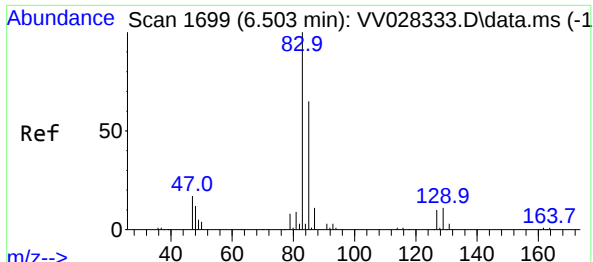
Tgt Ion: 83 Resp: 19555
Ion Ratio Lower Upper
83 100
55 0.2 64.7 97.1#
98 1.1 39.5 59.3#



#37
1,2-Dichloropropane
Concen: 0.624 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.103 min
Lab File: VV028353.D
Acq: 05 Oct 2022 02:36

Tgt Ion: 63 Resp: 8467
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#





#38

Bromodichloromethane

Concen: 0.401 ug/L

RT: 6.510 min Scan# 1

Delta R.T. 0.003 min

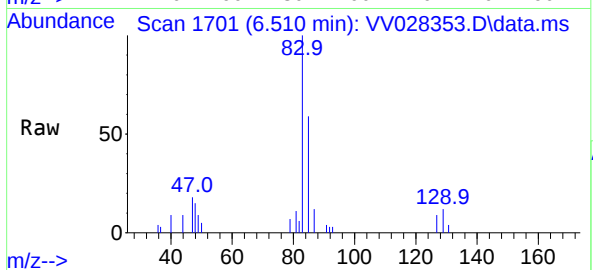
Lab File: VV028353.D

Acq: 05 Oct 2022 02:36

Instrument :

MSVOA_V

ClientSampleId :



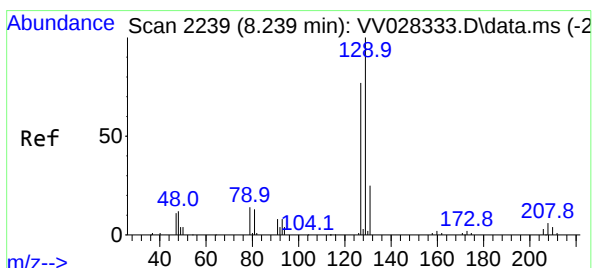
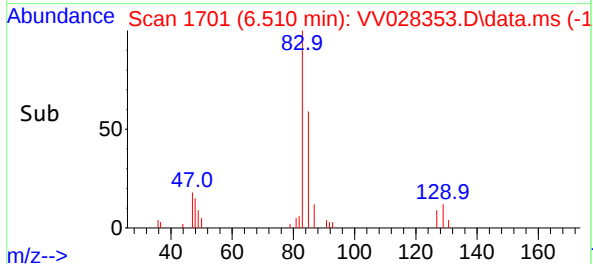
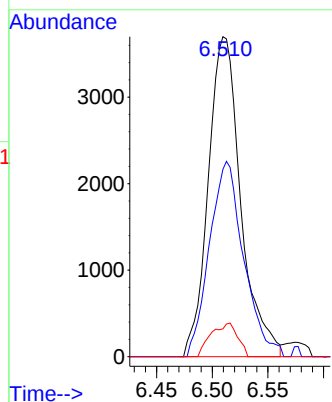
Tgt Ion: 83 Resp: 7514

Ion Ratio Lower Upper

83 100

85 58.6 43.8 81.4

127 8.7 6.3 9.5



#49

Dibromochloromethane

Concen: 0.191 ug/L

RT: 8.243 min Scan# 2240

Delta R.T. 0.000 min

Lab File: VV028353.D

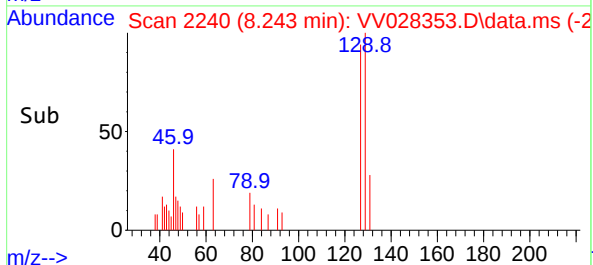
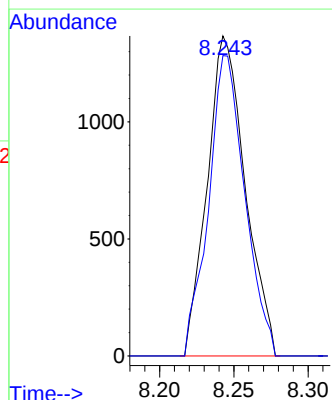
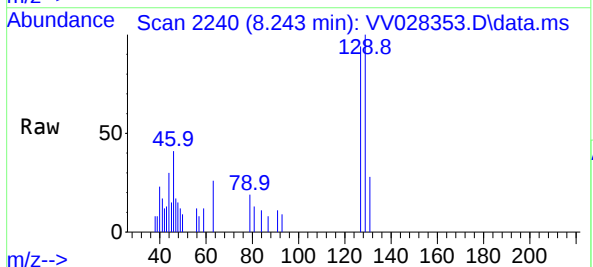
Acq: 05 Oct 2022 02:36

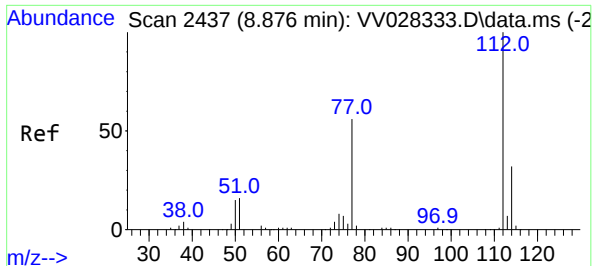
Tgt Ion: 129 Resp: 2433

Ion Ratio Lower Upper

129 100

127 93.9 54.3 100.9





#51

Chlorobenzene

Concen: 0.194 ug/L

RT: 8.879 min Scan# 2437

Delta R.T. 0.000 min

Lab File: VV028353.D

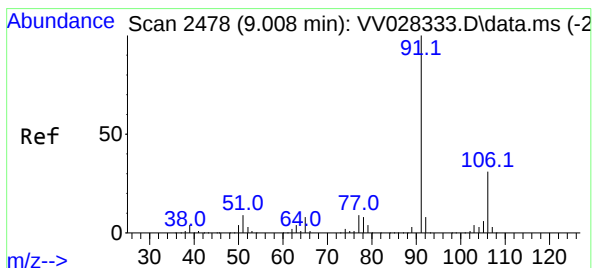
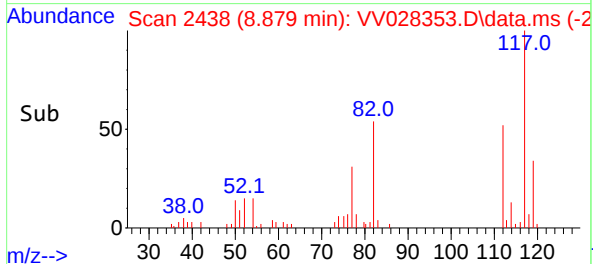
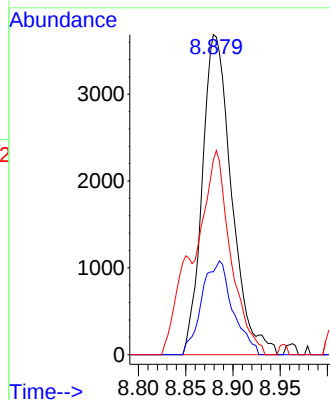
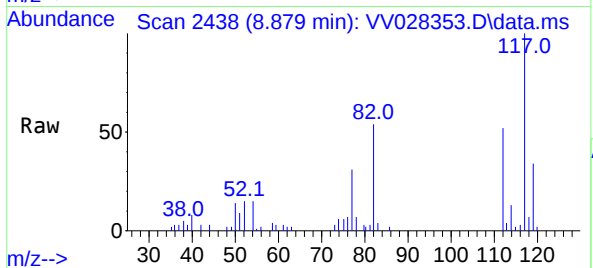
Acq: 05 Oct 2022 02:36

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	112	Resp:	7942
Ion Ratio	Lower	Upper	
112	100		
114	24.2	22.5	41.7
77	56.9	46.1	69.1



#52

Ethylbenzene

Concen: 0.193 ug/L

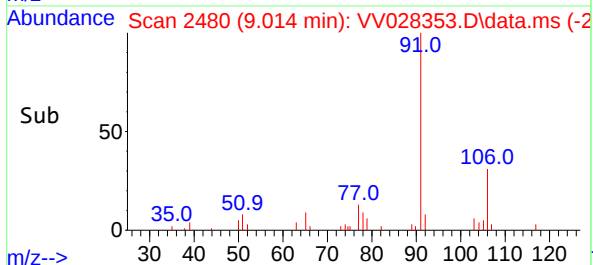
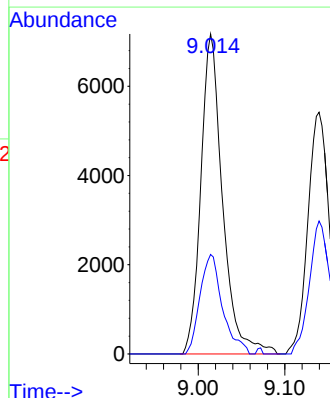
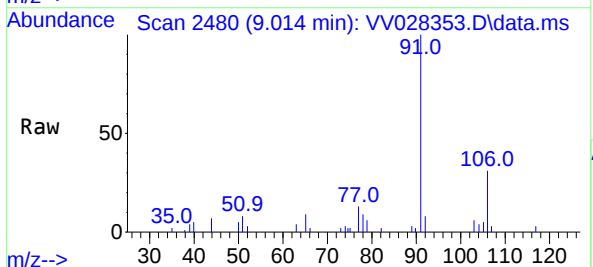
RT: 9.014 min Scan# 2480

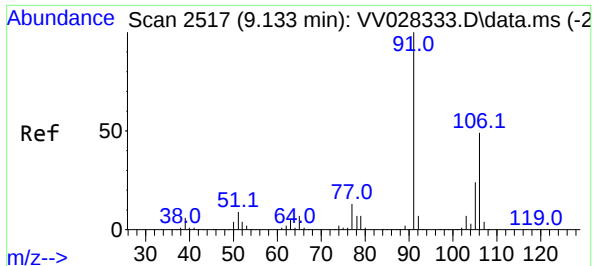
Delta R.T. 0.006 min

Lab File: VV028353.D

Acq: 05 Oct 2022 02:36

Tgt Ion:	91	Resp:	12485
Ion Ratio	Lower	Upper	
91	100		
106	31.1	21.5	39.9

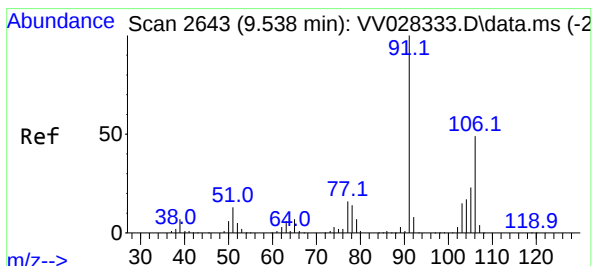
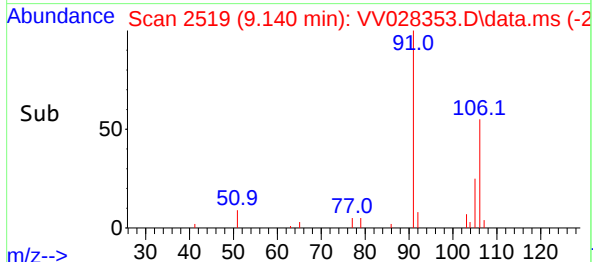
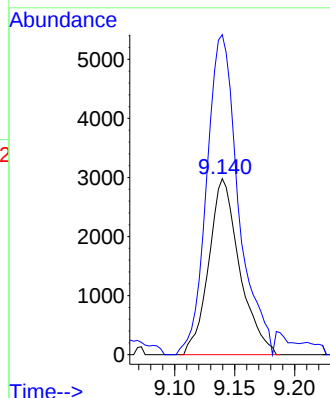
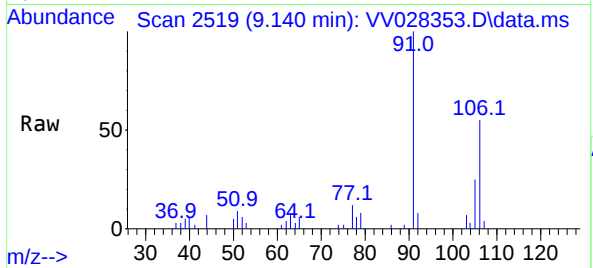




#53
m,p-Xylene
Concen: 0.206 ug/L
RT: 9.140 min Scan# 2517
Delta R.T. 0.006 min
Lab File: VV028353.D
Acq: 05 Oct 2022 02:36

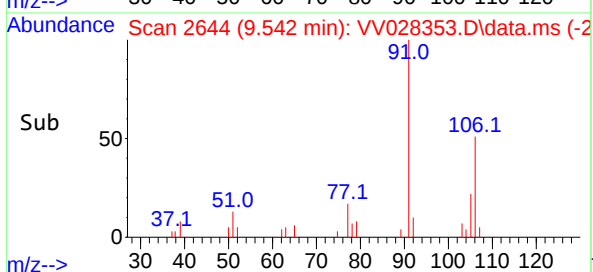
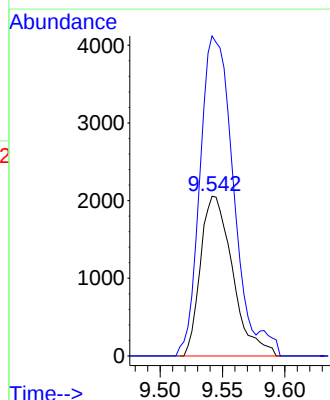
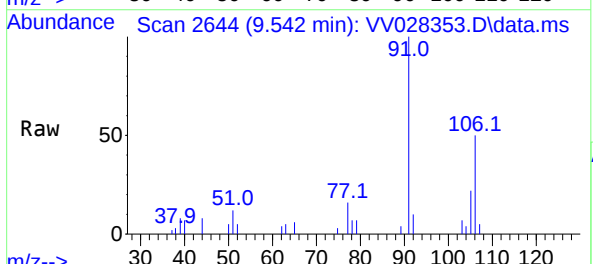
Instrument :
MSVOA_V
ClientSampleId :

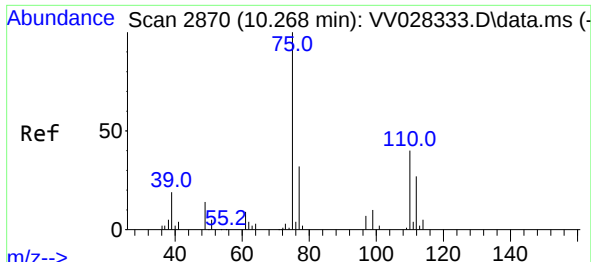
Tgt Ion:106 Resp: 5329
Ion Ratio Lower Upper
106 100
91 181.8 141.9 263.5



#54
o-Xylene
Concen: 0.151 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV028353.D
Acq: 05 Oct 2022 02:36

Tgt Ion:106 Resp: 3684
Ion Ratio Lower Upper
106 100
91 200.4 148.1 275.0

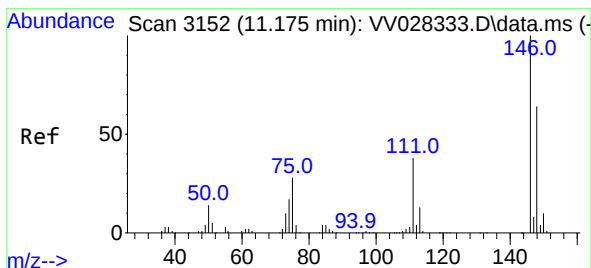
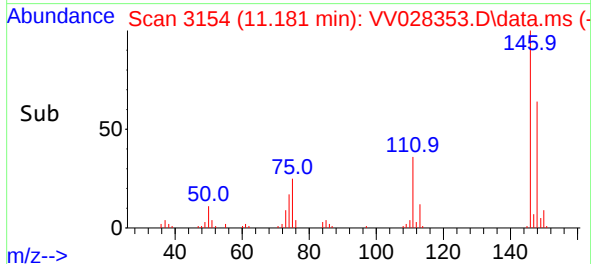
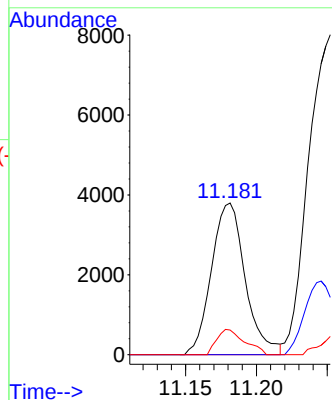
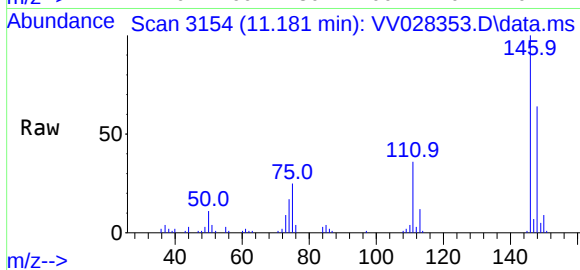




#61
1,2,3-Trichloropropane
Concen: 0.878 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.910 min
Lab File: VV028353.D
Acq: 05 Oct 2022 02:36

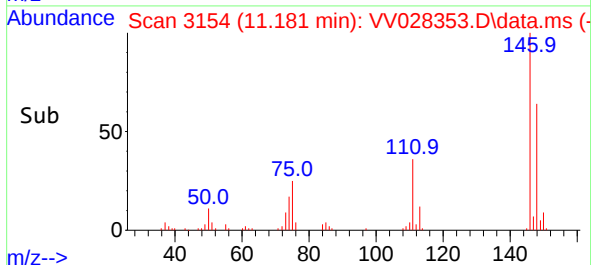
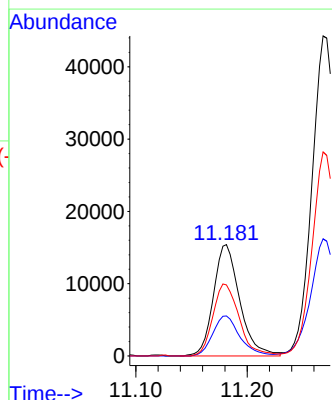
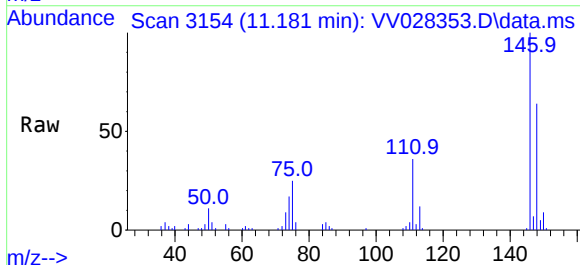
Instrument :
MSVOA_V
ClientSampleId :

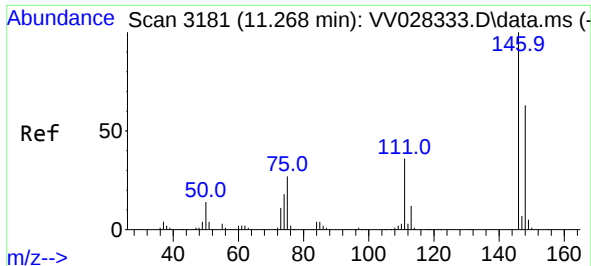
Tgt Ion: 75 Resp: 6306
Ion Ratio Lower Upper
75 100
77 0.0 26.7 40.1#
110 13.7 30.1 45.1#



#64
1,3-Dichlorobenzene
Concen: 0.902 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV028353.D
Acq: 05 Oct 2022 02:36

Tgt Ion: 146 Resp: 25244
Ion Ratio Lower Upper
146 100
111 35.9 27.1 50.3
148 63.8 45.7 84.9

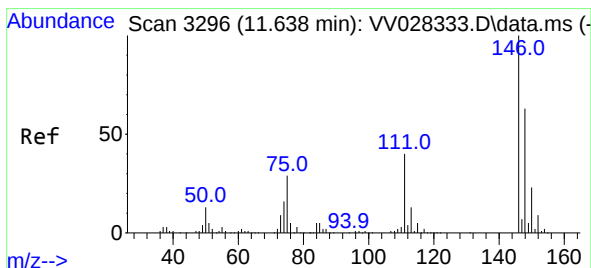
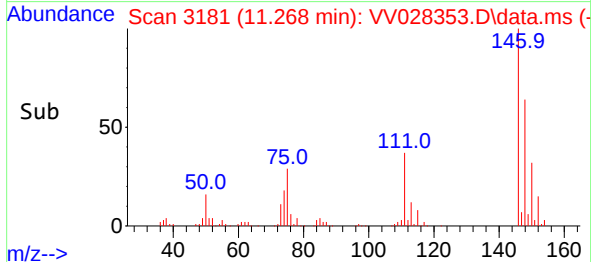
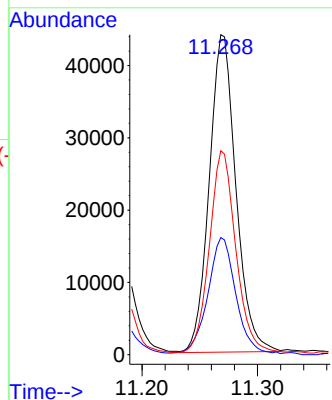
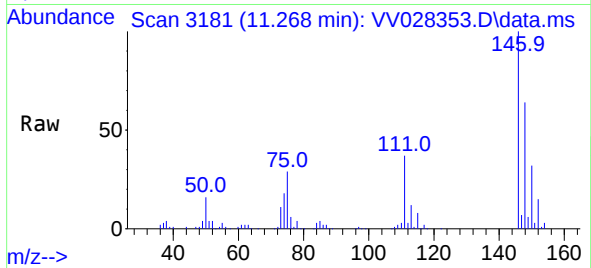




#65
1,4-Dichlorobenzene
Concen: 2.517 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.000 min
Lab File: VV028353.D
Acq: 05 Oct 2022 02:36

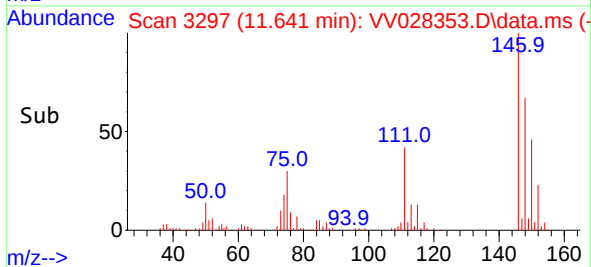
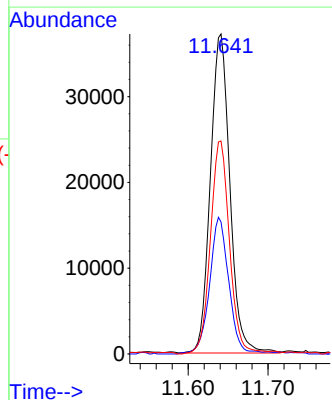
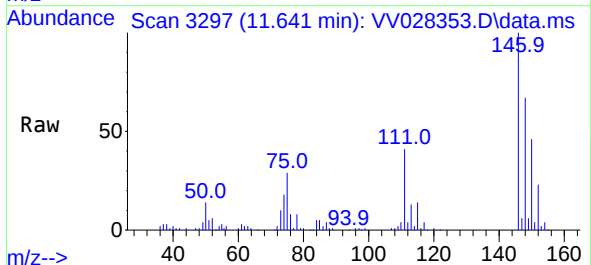
Instrument :
MSVOA_V
ClientSampleId :

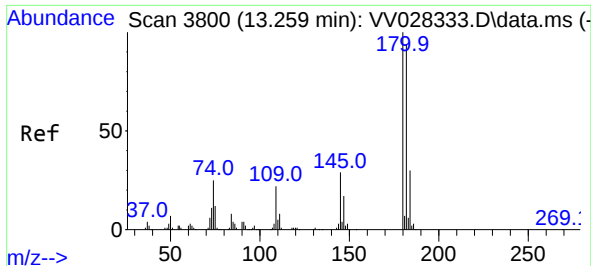
Tgt Ion:146 Resp: 70555
Ion Ratio Lower Upper
146 100
111 36.6 26.2 48.8
148 63.8 45.8 85.2



#67
1,2-Dichlorobenzene
Concen: 2.480 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV028353.D
Acq: 05 Oct 2022 02:36

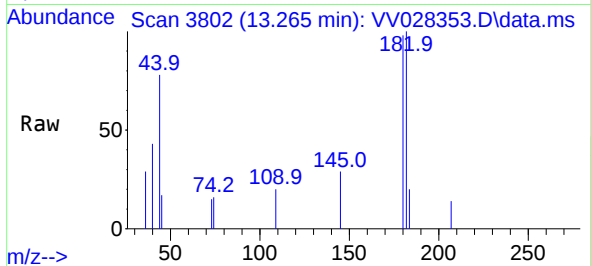
Tgt Ion:146 Resp: 62964
Ion Ratio Lower Upper
146 100
111 41.2 32.6 49.0
148 66.6 50.1 75.1





#70
1,2,4-trichlorobenzene
Concen: 0.062 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.006 min
Lab File: VV028353.D
Acq: 05 Oct 2022 02:36

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	180	Resp:	1049
Ion	Ratio	Lower	Upper
180	100		
182	102.5	76.3	114.5
145	24.1	22.9	34.3

