

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100523\
 Data File : VW032285.D
 Acq On : 06 Oct 2023 05:47
 Operator : SY/MD
 Sample : 04774-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 06 06:19:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 06 05:25:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	86566	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	79673	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	32567	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	29796	4.232	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.532	69	27927	4.887	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.800%
11) 1,1-Dichloroethene-d2	2.060	65	12183	4.103	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.000%
20) 2-Butanone-d5	3.812	46	114207	64.126	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.260%
24) Chloroform-d	4.253	84	58859	4.739	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	4.947	65	31186	5.301	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	4.960	84	109924	4.689	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	5.992	67	40210	5.177	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.600%
41) Toluene-d8	7.246	98	88043	4.107	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
43) trans-1,3-Dichloroprop...	7.561	79	10147	3.687	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.800%
46) 2-Hexanone-d5	8.034	63	66682	51.491	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.980%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	28374	5.223	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	11.564	152	28037	4.639	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
13) Acetone	2.143	43	5276	3.844	ug/L	86
18) trans-1,2-Dichloroethene	2.696	96	7885	1.084	ug/L	91
19) 1,1-Dichloroethane	3.114	63	3906	0.286	ug/L	97
22) cis-1,2-Dichloroethene	3.818	96	8769	1.120	ug/L	93
30) Cyclohexane	4.580	56	3342	0.281	ug/L	87
33) Benzene	5.015	78	11172	0.398	ug/L	100
34) Trichloroethene	5.831	95	136645	17.844	ug/L	97
35) Methylcyclohexane	6.050	83	4087	0.345	ug/L #	83
37) 1,2-Dichloropropane	5.992	63	4082	0.544	ug/L #	87
39) cis-1,3-Dichloropropene	6.918	75	846	0.079	ug/L #	61
42) Toluene	7.320	91	29095	0.973	ug/L	99
48) 2-Hexanone	8.034	43	8942	2.670	ug/L #	66
52) Ethylbenzene	8.956	91	6599	0.198	ug/L	100
53) m,p-Xylene	9.079	106	5290	0.428	ug/L	97
54) o-Xylene	9.487	106	2314	0.194	ug/L	84
61) 1,2,3-Trichloropropane	11.188	75	4133	1.192	ug/L #	64
63) 1,2,4-Trimethylbenzene	10.857	105	4437	0.216	ug/L	97
71) Naphthalene	13.451	128	1966	0.147	ug/L #	81

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 06 05:25:10 2023
Response via : Initial Calibration

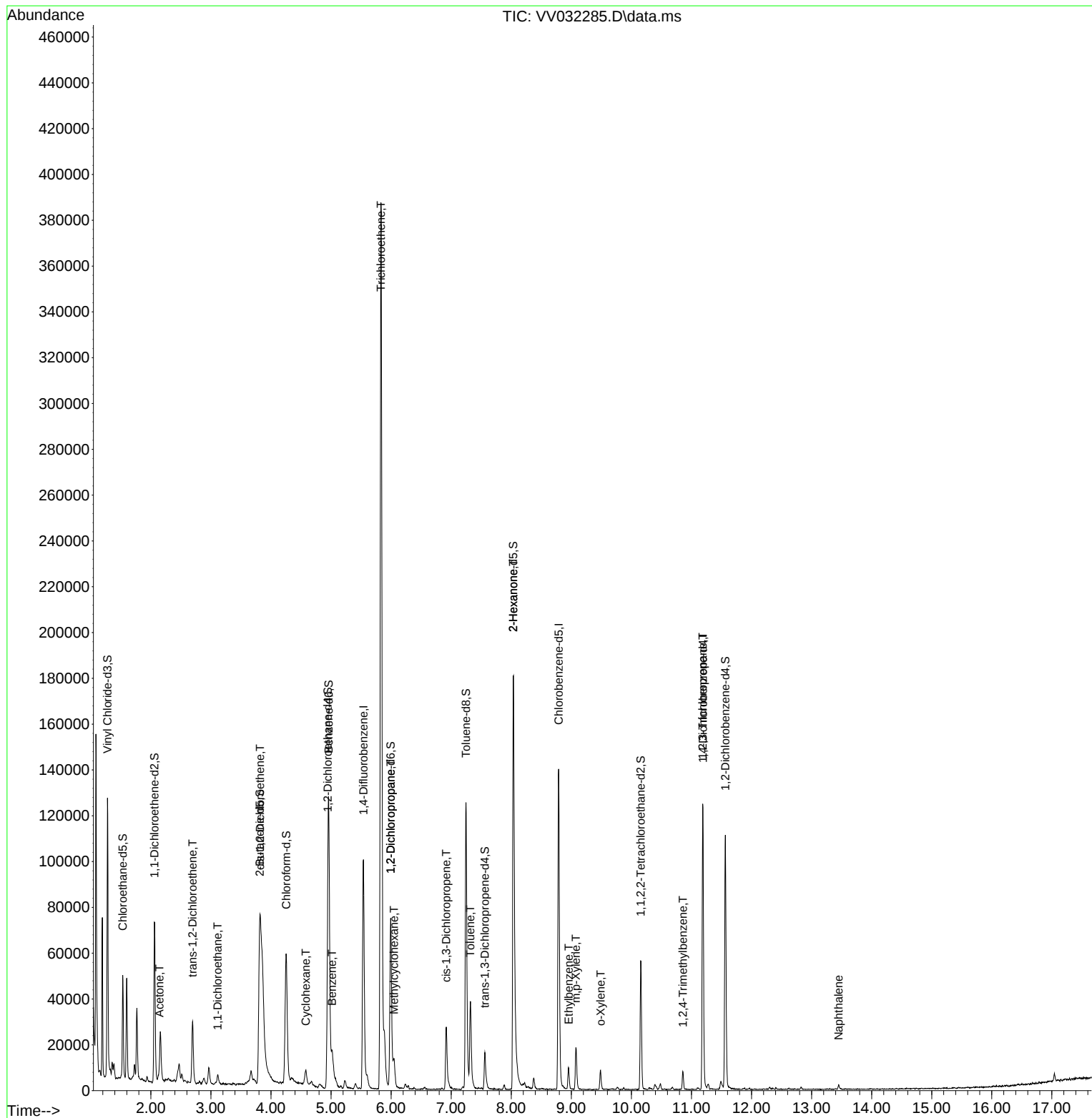
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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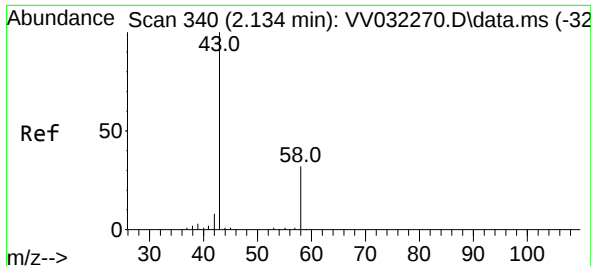
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.844 ug/L

RT: 2.143 min Scan# 34

Delta R.T. 0.010 min

Lab File: VV032285.D

Acq: 06 Oct 2023 05:47

Instrument :

MSVOA_V

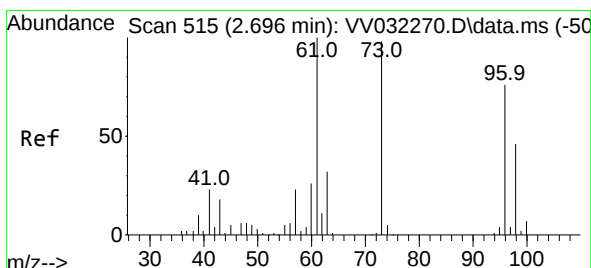
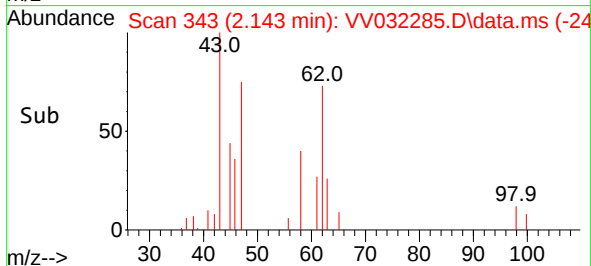
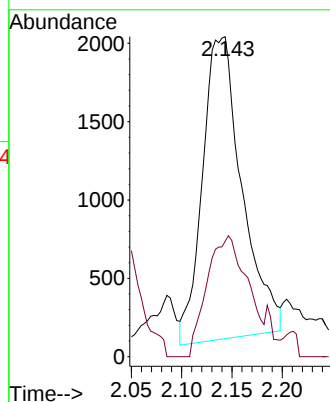
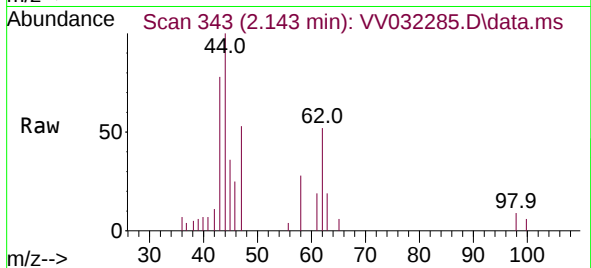
ClientSampleId :

Tgt Ion: 43 Resp: 5276

Ion Ratio Lower Upper

43 100

58 41.1 0.0 66.0



#18

trans-1,2-Dichloroethene

Concen: 1.084 ug/L

RT: 2.696 min Scan# 515

Delta R.T. 0.000 min

Lab File: VV032285.D

Acq: 06 Oct 2023 05:47

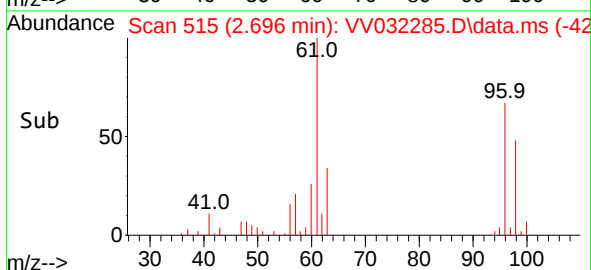
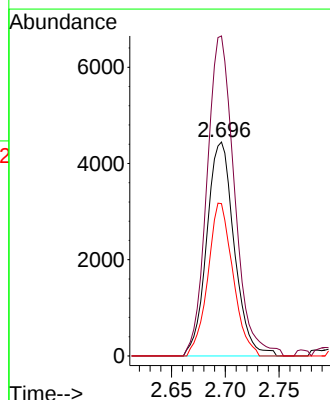
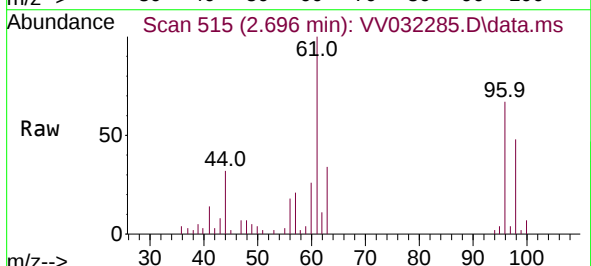
Tgt Ion: 96 Resp: 7885

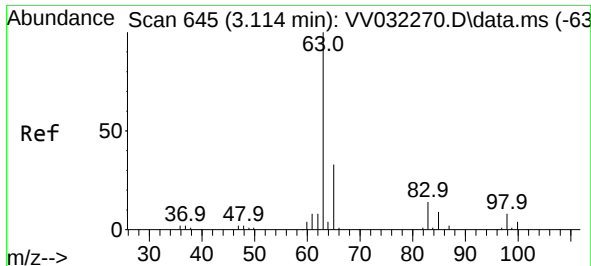
Ion Ratio Lower Upper

96 100

61 149.6 96.9 180.1

98 71.2 45.3 84.1

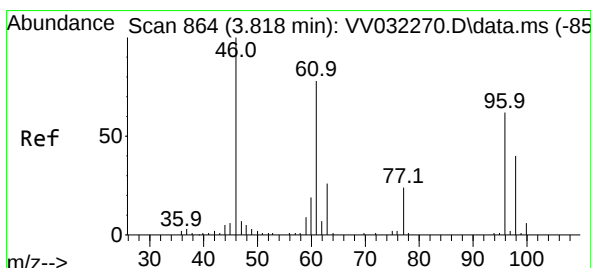
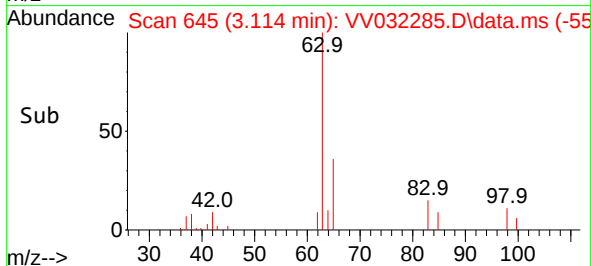
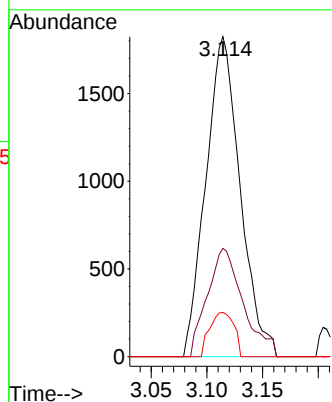
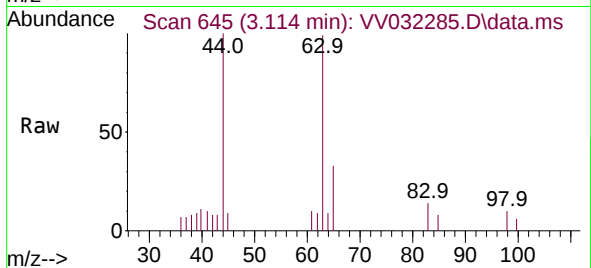




#19
1,1-Dichloroethane
Concen: 0.286 ug/L
RT: 3.114 min Scan# 645
Delta R.T. 0.000 min
Lab File: VV032285.D
Acq: 06 Oct 2023 05:47

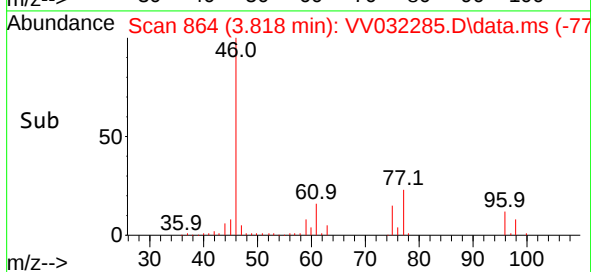
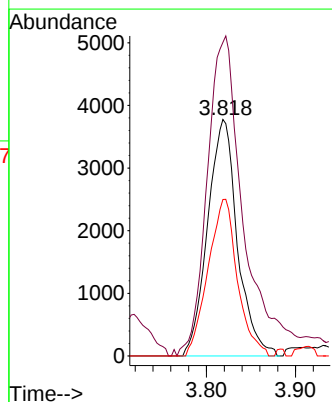
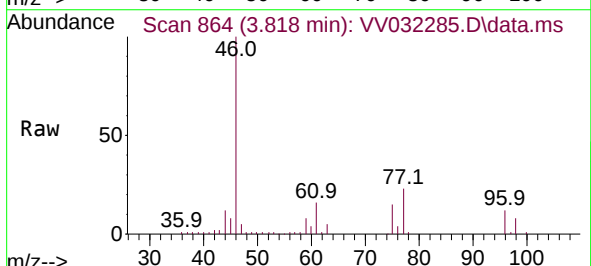
Instrument :
MSVOA_V
ClientSampleId :

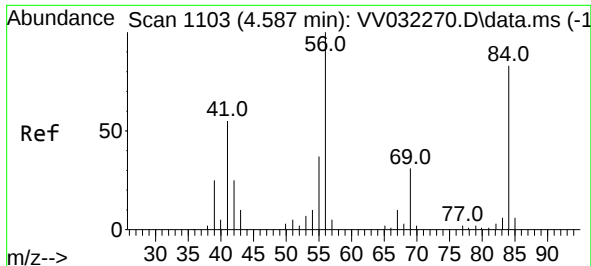
Tgt Ion: 63	Resp: 3906
Ion Ratio	Lower Upper
63	100
65	33.8 22.3 41.5
83	13.8 9.0 16.6



#22
cis-1,2-Dichloroethene
Concen: 1.120 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.000 min
Lab File: VV032285.D
Acq: 06 Oct 2023 05:47

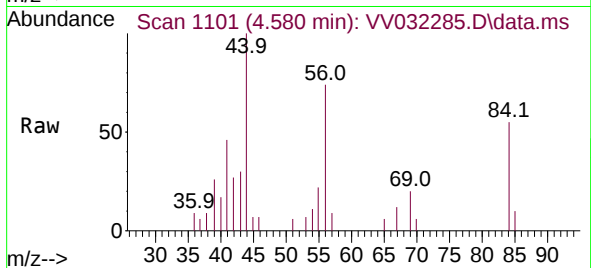
Tgt Ion: 96	Resp: 8769
Ion Ratio	Lower Upper
96	100
61	132.6 85.8 159.4
98	66.2 44.0 81.6





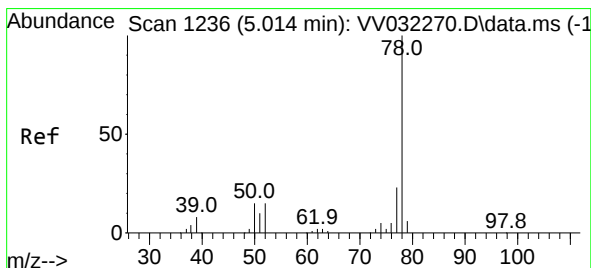
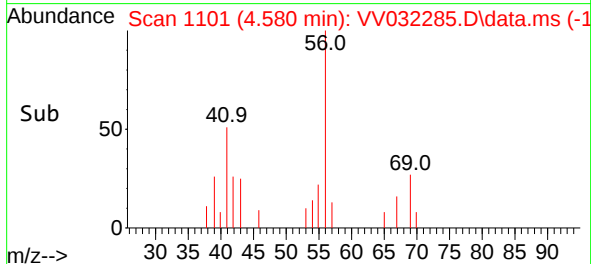
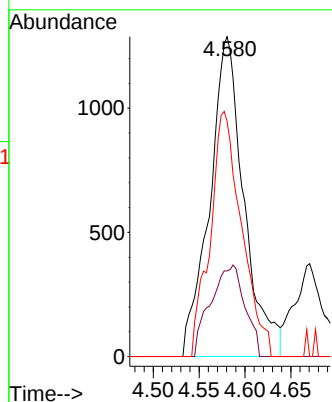
#30
Cyclohexane
Concen: 0.281 ug/L
RT: 4.580 min Scan# 1103
Delta R.T. -0.006 min
Lab File: VV032285.D
Acq: 06 Oct 2023 05:47

Instrument :
MSVOA_V
ClientSampleId :



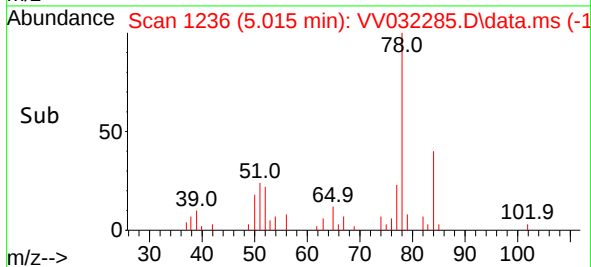
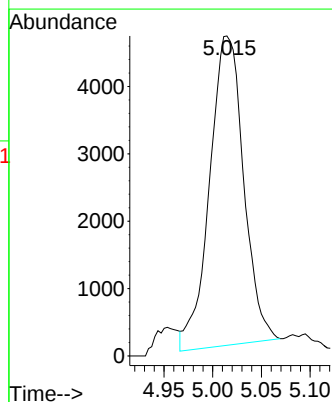
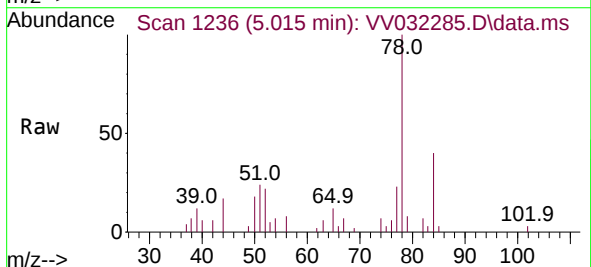
Tgt Ion: 56 Resp: 3342

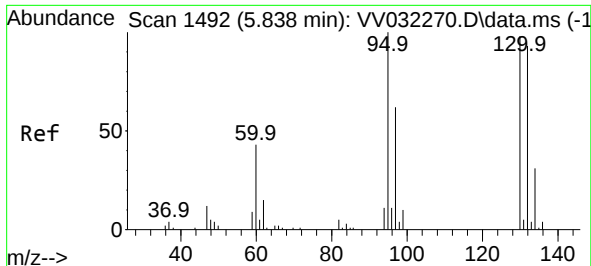
Ion	Ratio	Lower	Upper
56	100		
69	28.6	24.2	36.2
84	70.5	68.1	102.1



#33
Benzene
Concen: 0.398 ug/L
RT: 5.015 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VV032285.D
Acq: 06 Oct 2023 05:47

Tgt Ion: 78 Resp: 11172

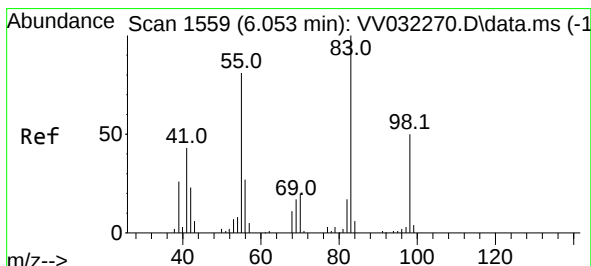
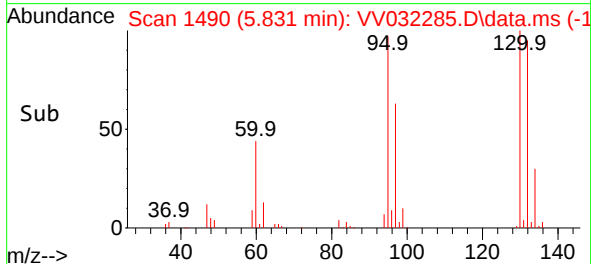
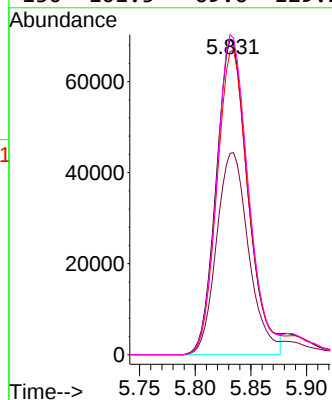
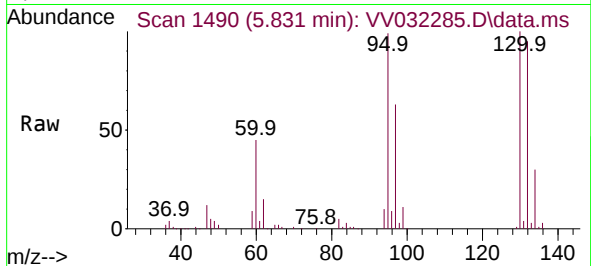




#34
Trichloroethene
Concen: 17.844 ug/L
RT: 5.831 min Scan# 1492
Delta R.T. -0.006 min
Lab File: VV032285.D
Acq: 06 Oct 2023 05:47

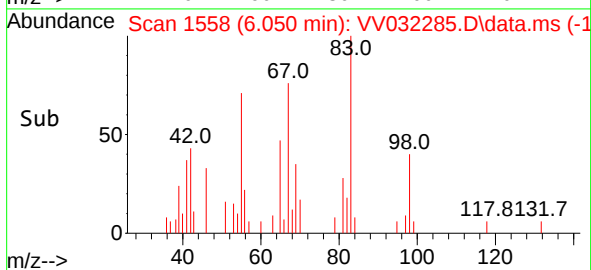
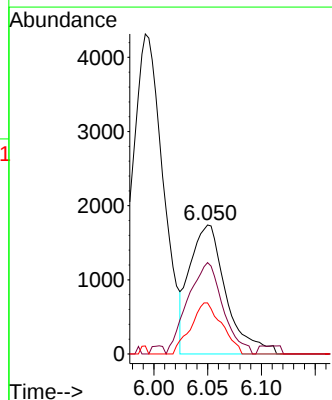
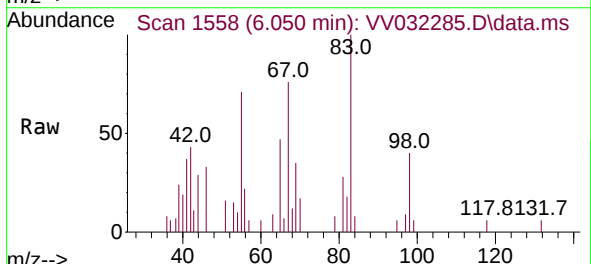
Instrument :
MSVOA_V
ClientSampleId :

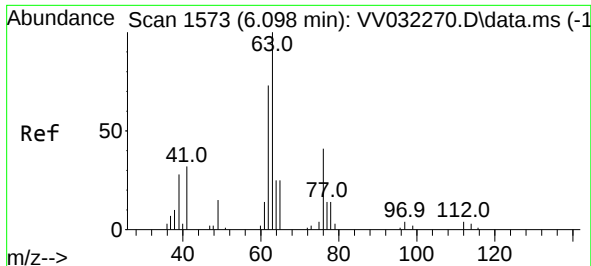
Tgt Ion: 95 Resp: 136645
Ion Ratio Lower Upper
95 100
97 63.9 45.7 84.9
132 96.1 70.3 130.5
130 101.5 69.6 129.2



#35
Methylcyclohexane
Concen: 0.345 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. -0.003 min
Lab File: VV032285.D
Acq: 06 Oct 2023 05:47

Tgt Ion: 83 Resp: 4087
Ion Ratio Lower Upper
83 100
55 68.4 64.2 96.2
98 33.9 39.6 59.4#





#37

1,2-Dichloropropane

Concen: 0.544 ug/L

RT: 5.992 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV032285.D

Acq: 06 Oct 2023 05:47

Instrument :

MSVOA_V

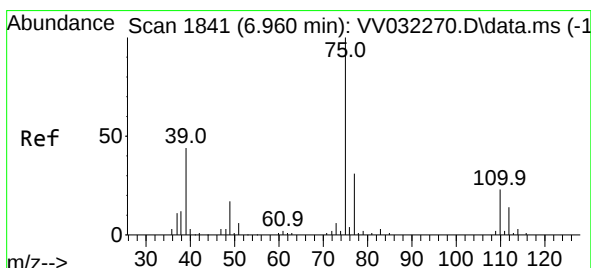
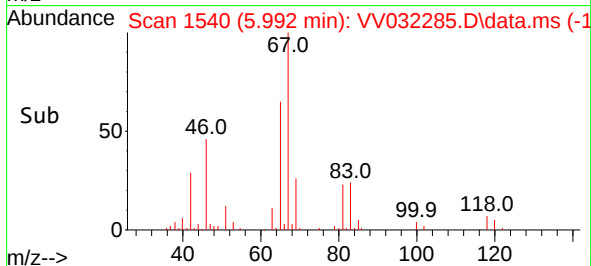
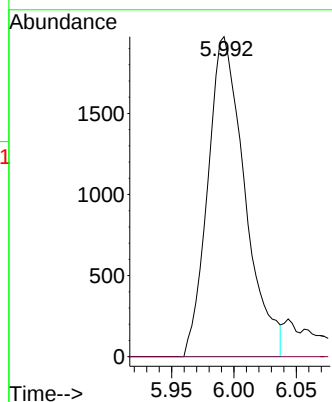
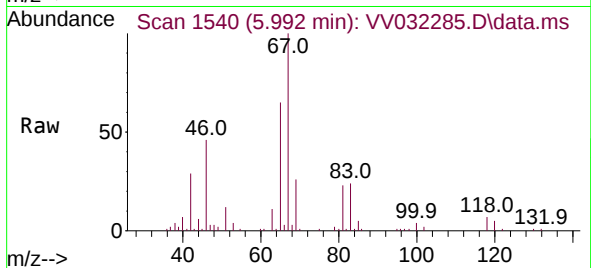
ClientSampleId :

Tgt Ion: 63 Resp: 4082

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 6.918 min Scan# 1828

Delta R.T. -0.042 min

Lab File: VV032285.D

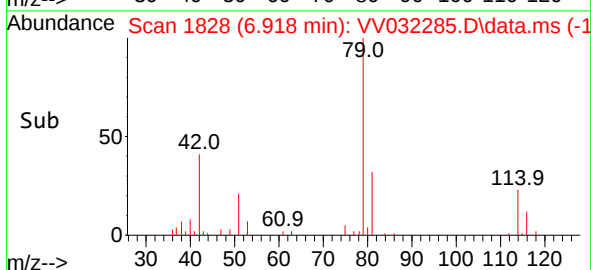
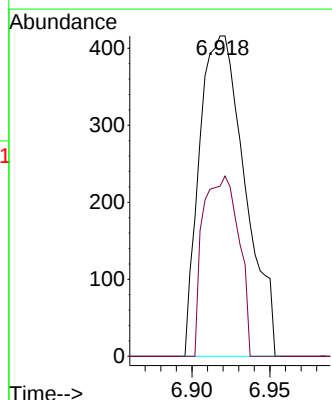
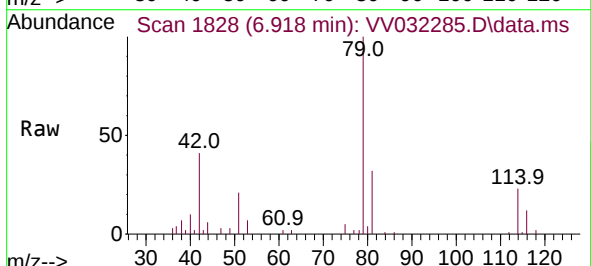
Acq: 06 Oct 2023 05:47

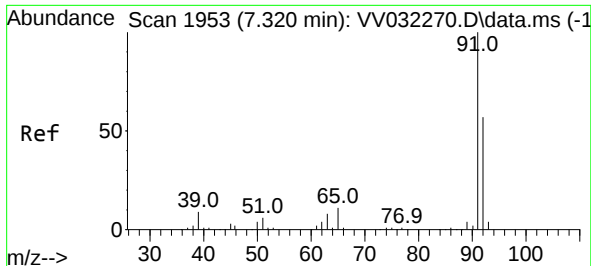
Tgt Ion: 75 Resp: 846

Ion Ratio Lower Upper

75 100

77 53.1 22.2 41.2#





#42

Toluene

Concen: 0.973 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VV032285.D

Acq: 06 Oct 2023 05:47

Instrument :

MSVOA_V

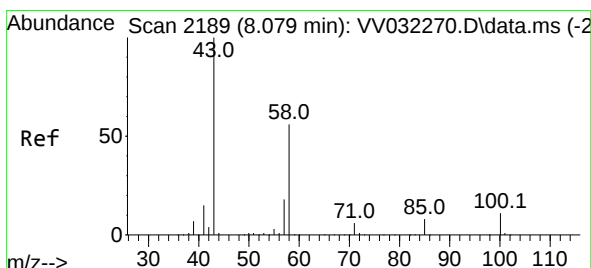
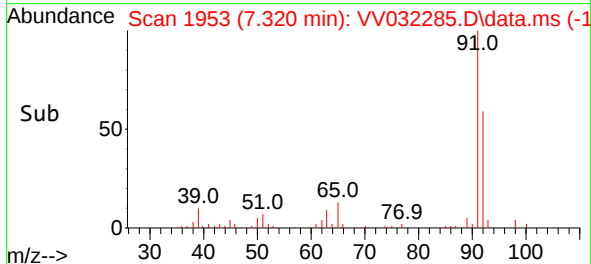
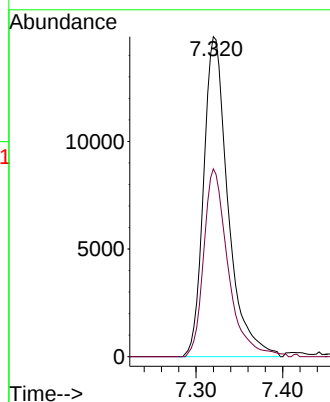
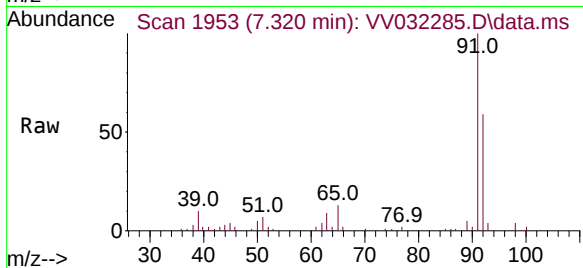
ClientSampleId :

Tgt Ion: 91 Resp: 29095

Ion Ratio Lower Upper

91 100

92 58.7 40.8 75.8



#48

2-Hexanone

Concen: 2.670 ug/L

RT: 8.034 min Scan# 2175

Delta R.T. -0.045 min

Lab File: VV032285.D

Acq: 06 Oct 2023 05:47

Tgt Ion: 43 Resp: 8942

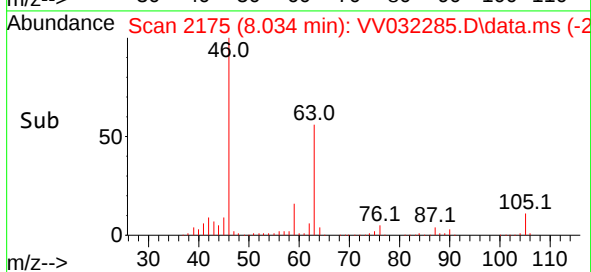
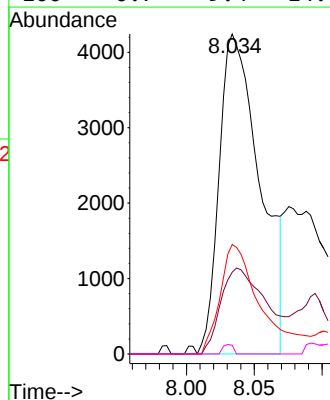
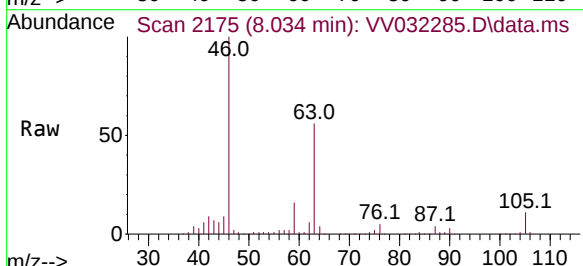
Ion Ratio Lower Upper

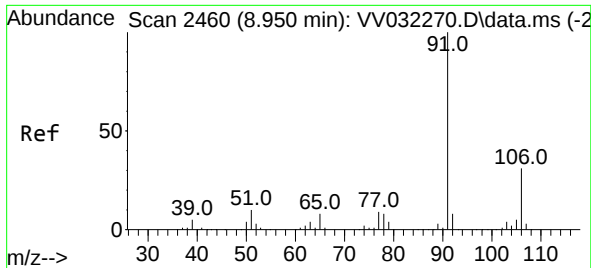
43 100

58 29.6 43.6 65.4#

57 34.1 14.6 22.0#

100 0.7 9.4 14.0#

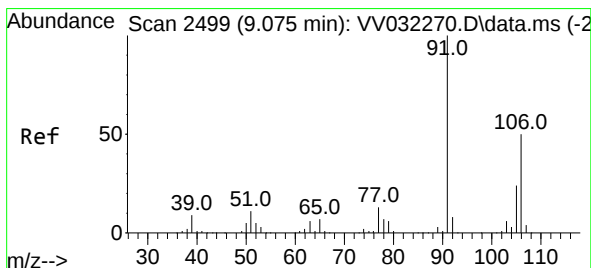
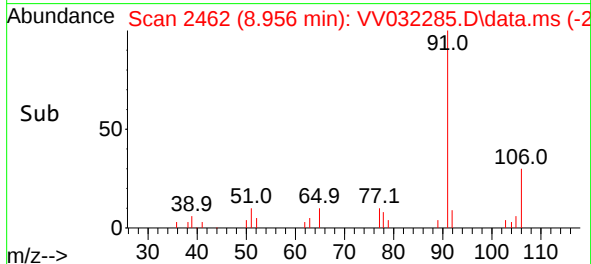
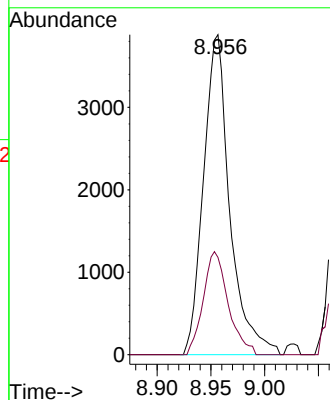
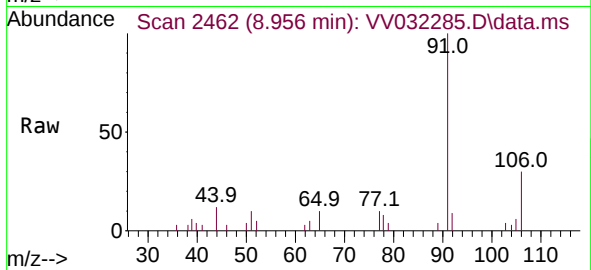




#52
Ethylbenzene
Concen: 0.198 ug/L
RT: 8.956 min Scan# 2460
Delta R.T. 0.006 min
Lab File: VV032285.D
Acq: 06 Oct 2023 05:47

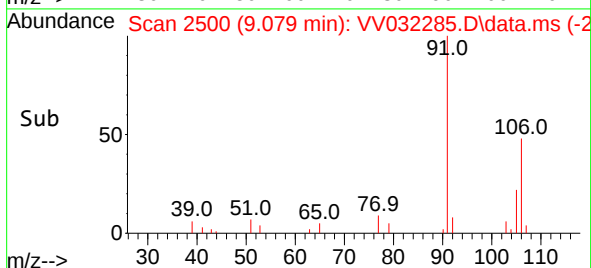
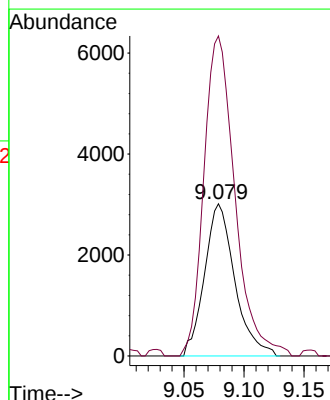
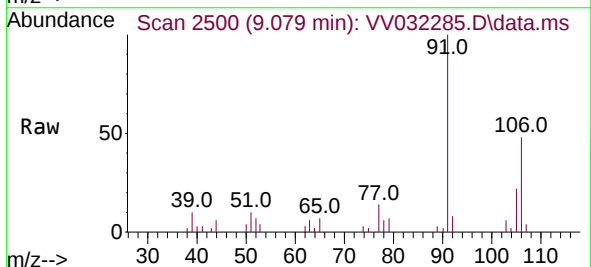
Instrument :
MSVOA_V
ClientSampleId :

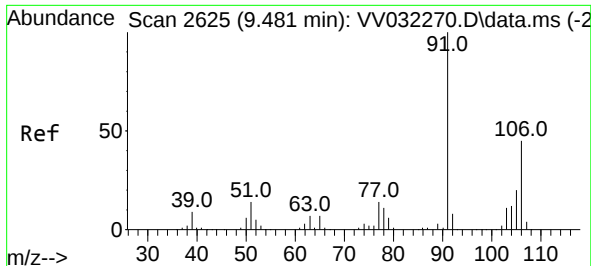
Tgt Ion: 91 Resp: 6599
Ion Ratio Lower Upper
91 100
106 30.4 21.3 39.5



#53
m,p-Xylene
Concen: 0.428 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.003 min
Lab File: VV032285.D
Acq: 06 Oct 2023 05:47

Tgt Ion: 106 Resp: 5290
Ion Ratio Lower Upper
106 100
91 210.3 144.5 268.3

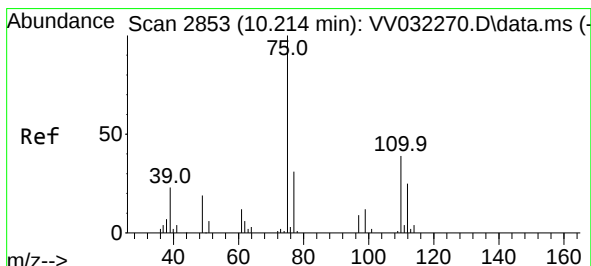
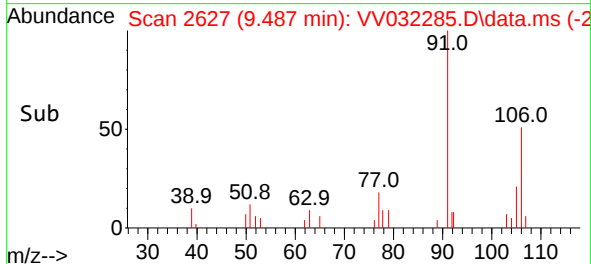
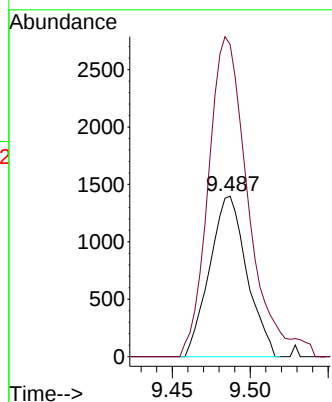
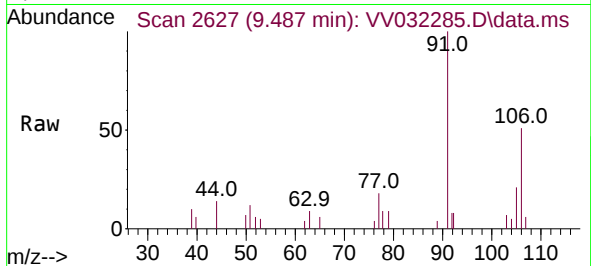




#54
o-Xylene
Concen: 0.194 ug/L
RT: 9.487 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV032285.D
Acq: 06 Oct 2023 05:47

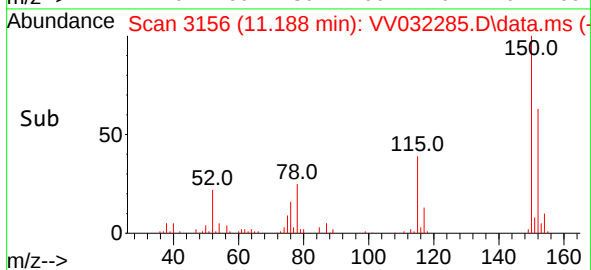
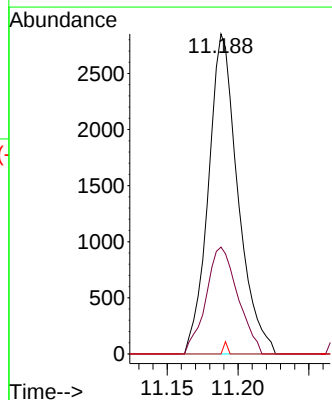
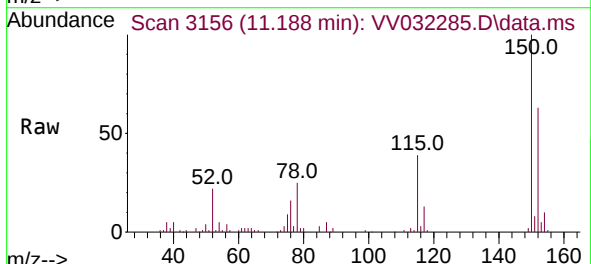
Instrument :
MSVOA_V
ClientSampleId :

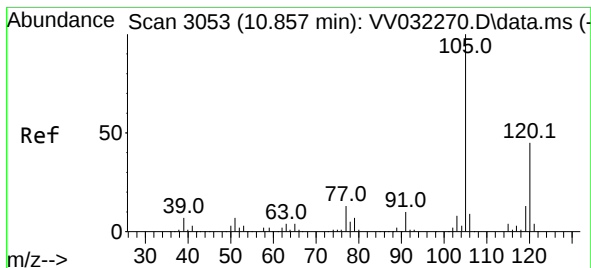
Tgt Ion:106 Resp: 2314
Ion Ratio Lower Upper
106 100
91 194.6 154.8 287.4



#61
1,2,3-Trichloropropane
Concen: 1.192 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.974 min
Lab File: VV032285.D
Acq: 06 Oct 2023 05:47

Tgt Ion: 75 Resp: 4133
Ion Ratio Lower Upper
75 100
77 36.0 26.2 39.2
110 0.5 30.6 46.0#





#63

1,2,4-Trimethylbenzene

Concen: 0.216 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.000 min

Lab File: VV032285.D

Acq: 06 Oct 2023 05:47

Instrument :

MSVOA_V

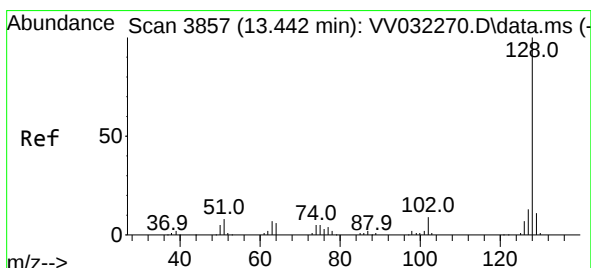
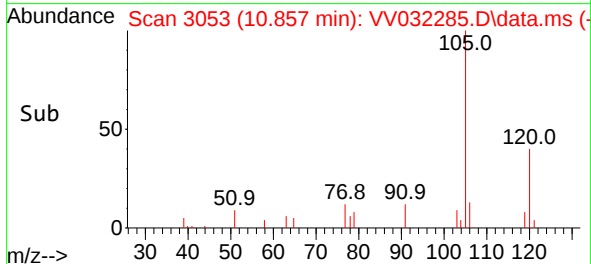
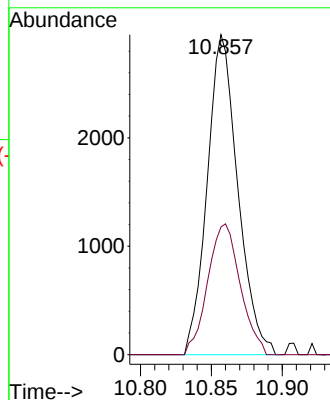
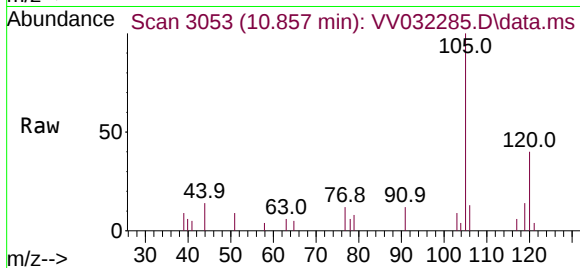
ClientSampleId :

Tgt Ion:105 Resp: 4437

Ion Ratio Lower Upper

105 100

120 43.3 36.2 54.4



#71

Naphthalene

Concen: 0.147 ug/L

RT: 13.451 min Scan# 3860

Delta R.T. 0.010 min

Lab File: VV032285.D

Acq: 06 Oct 2023 05:47

Tgt Ion:128 Resp: 1966

Ion Ratio Lower Upper

128 100

129 2.1 9.0 13.4#

127 6.6 10.2 15.2#

