

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121323\
 Data File : VW033290.D
 Acq On : 13 Dec 2023 20:45
 Operator : SY/MD
 Sample : 05731-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EOY62

Quant Time: Dec 13 23:36:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 13 23:30:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	123886	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	124789	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	64380	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	40197	5.061	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.200%
7) Chloroethane-d5	1.532	69	30350	5.138	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.800%
11) 1,1-Dichloroethene-d2	2.060	65	15653	4.952	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.000%
20) 2-Butanone-d5	3.802	46	51377	54.666	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.340%
24) Chloroform-d	4.249	84	87198	5.264	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.200%
26) 1,2-Dichloroethane-d4	4.944	65	42751	5.939	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.800%
32) Benzene-d6	4.960	84	167986	5.204	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
36) 1,2-Dichloropropane-d6	5.989	67	39121	5.324	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.400%
41) Toluene-d8	7.246	98	157441	5.005	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
43) trans-1,3-Dichloroprop...	7.558	79	17043	5.085	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.600%
46) 2-Hexanone-d5	8.027	63	53002	56.639	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.280%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	28250	5.685	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	64071	5.650	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.214	50	1450	0.164	ug/L	92
15) Methyl Acetate	2.474	43	5511	3.126	ug/L #	49
25) Chloroform	4.285	83	10548	0.664	ug/L	97
30) Cyclohexane	4.577	56	3937	0.357	ug/L	84
33) Benzene	5.014	78	13672	0.409	ug/L	100
34) Trichloroethene	5.838	95	11597	1.190	ug/L	96
35) Methylcyclohexane	6.047	83	5128	0.355	ug/L	96
37) 1,2-Dichloropropane	5.989	63	5547	0.825	ug/L #	81
38) Bromodichloromethane	6.452	83	1402	0.130	ug/L #	87
42) Toluene	7.320	91	49011	1.280	ug/L	97
44) trans-1,3-Dichloropropene	7.561	75	804	0.088	ug/L	98
47) Tetrachloroethene	7.911	164	2475	0.268	ug/L	85
52) Ethylbenzene	8.950	91	10932	0.255	ug/L	94
53) m,p-Xylene	9.079	106	5447	0.308	ug/L	94
54) o-Xylene	9.487	106	2772	0.166	ug/L	85
61) 1,2,3-Trichloropropane	11.185	75	5190	1.521	ug/L #	59
63) 1,2,4-Trimethylbenzene	10.853	105	4012	0.116	ug/L	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033290.D
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Sample : 05731-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y62

Quant Time: Dec 13 23:36:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 13 23:30:39 2023
Response via : Initial Calibration

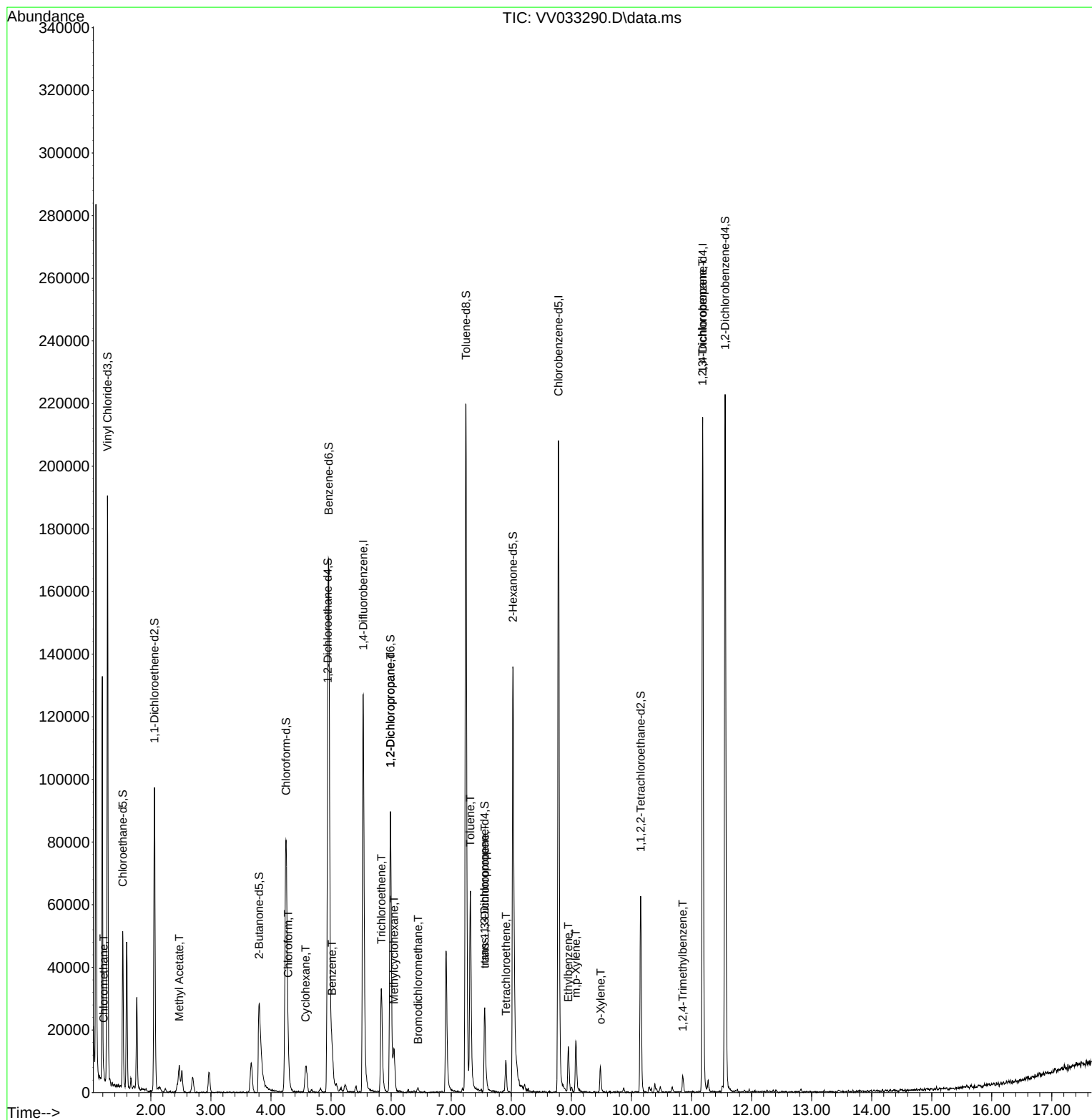
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

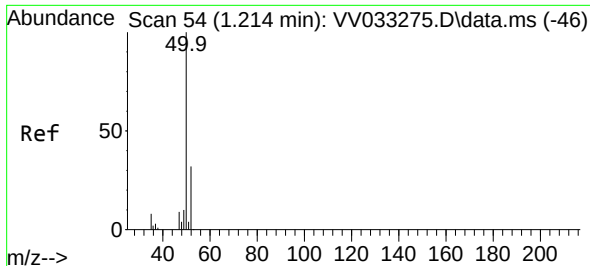
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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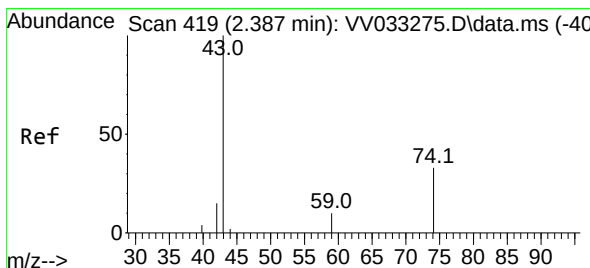
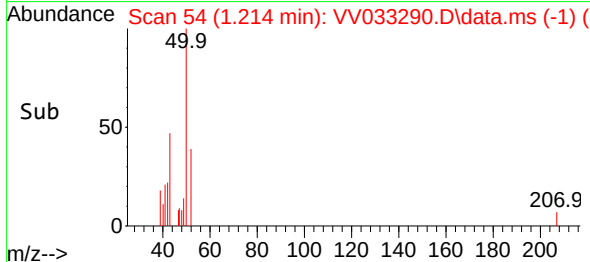
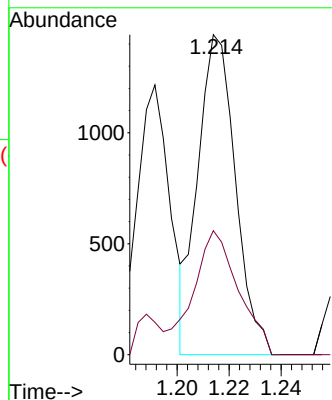
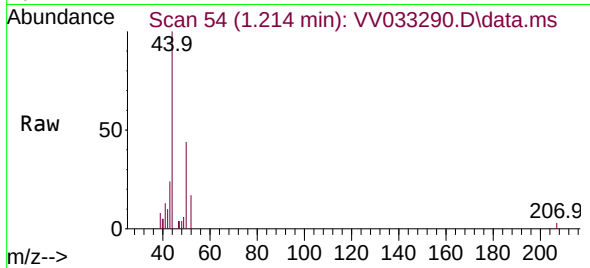




#3
Chloromethane
Concen: 0.164 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV033290.D
Acq: 13 Dec 2023 20:45

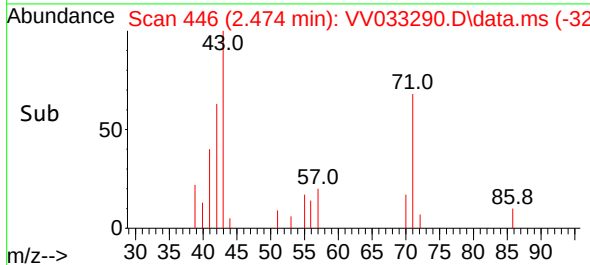
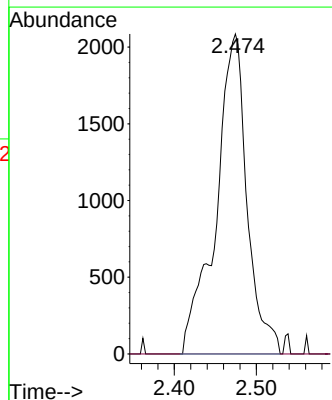
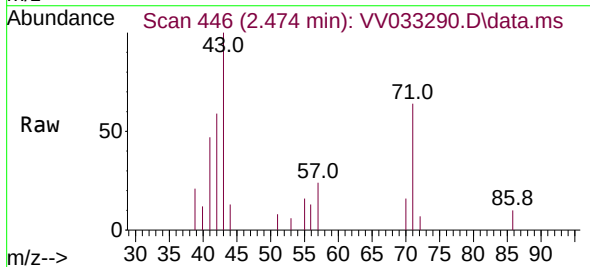
Instrument :
MSVOA_V
ClientSampleId :
E0Y62

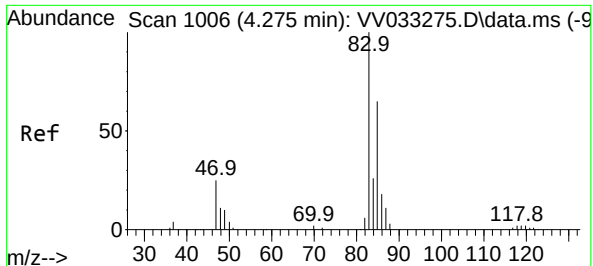
Tgt Ion: 50 Resp: 1450
Ion Ratio Lower Upper
50 100
52 38.8 23.8 44.2



#15
Methyl Acetate
Concen: 3.126 ug/L
RT: 2.474 min Scan# 446
Delta R.T. 0.087 min
Lab File: VV033290.D
Acq: 13 Dec 2023 20:45

Tgt Ion: 43 Resp: 5511
Ion Ratio Lower Upper
43 100
74 0.0 21.0 31.6#





#25

Chloroform

Concen: 0.664 ug/L

RT: 4.285 min Scan# 1100

Delta R.T. 0.010 min

Lab File: VV033290.D

Acq: 13 Dec 2023 20:45

Instrument :

MSVOA_V

ClientSampleId :

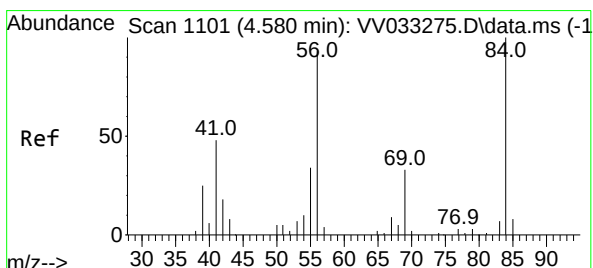
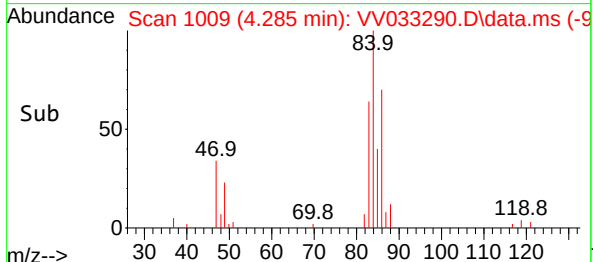
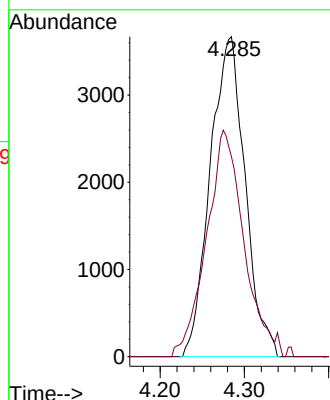
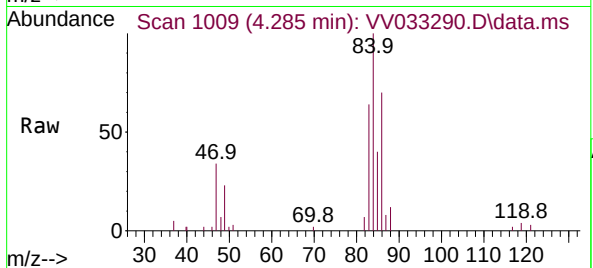
E0Y62

Tgt Ion: 83 Resp: 10548

Ion Ratio Lower Upper

83 100

85 62.6 45.3 84.1



#30

Cyclohexane

Concen: 0.357 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. -0.003 min

Lab File: VV033290.D

Acq: 13 Dec 2023 20:45

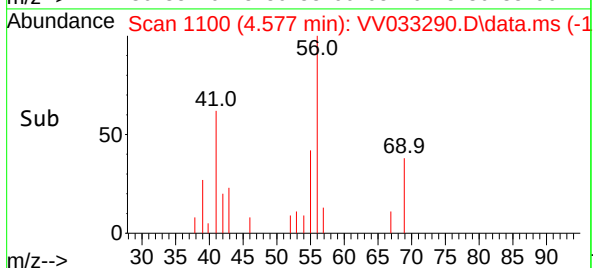
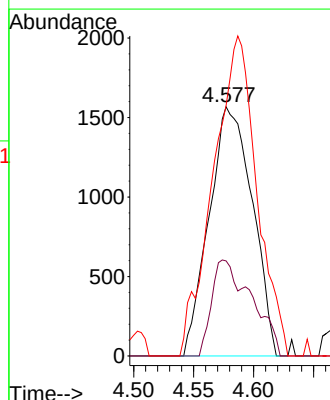
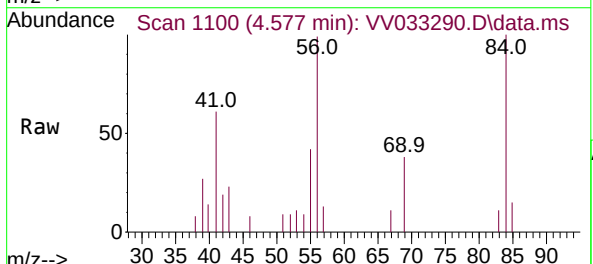
Tgt Ion: 56 Resp: 3937

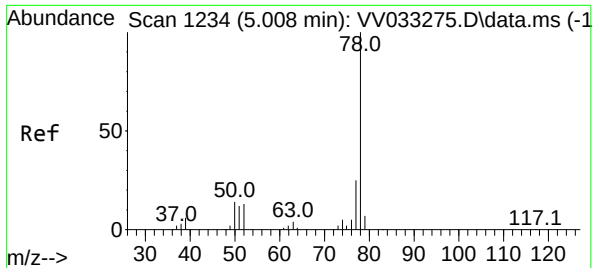
Ion Ratio Lower Upper

56 100

69 35.5 28.8 43.2

84 129.2 86.2 129.4

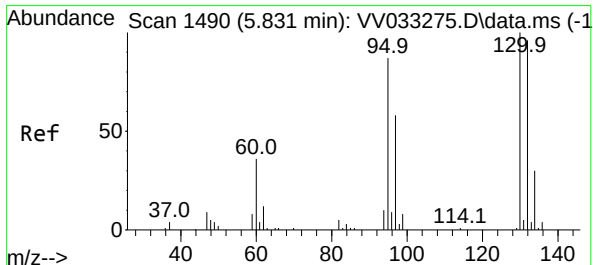
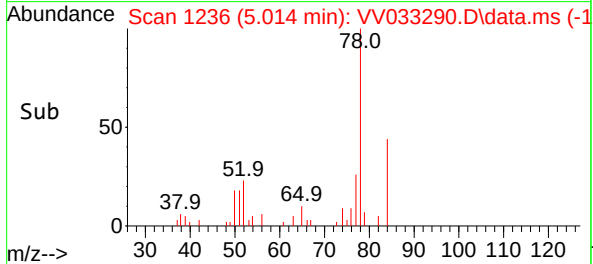
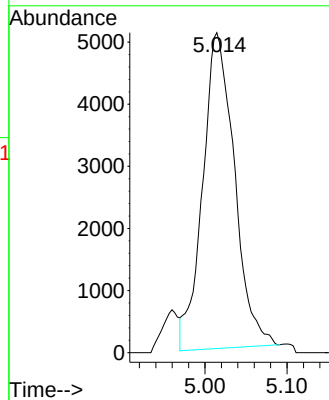
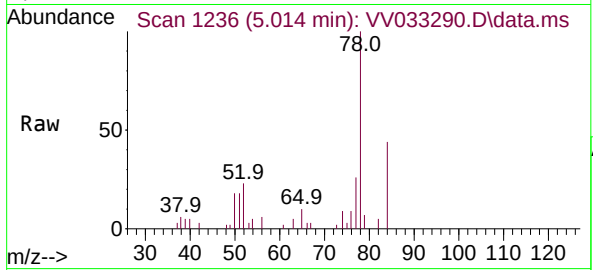




#33
Benzene
Concen: 0.409 ug/L
RT: 5.014 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV033290.D
Acq: 13 Dec 2023 20:45

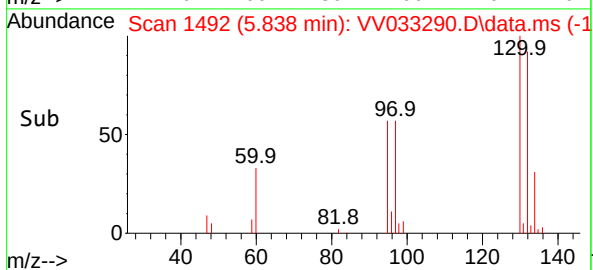
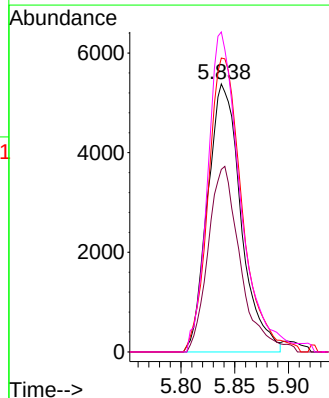
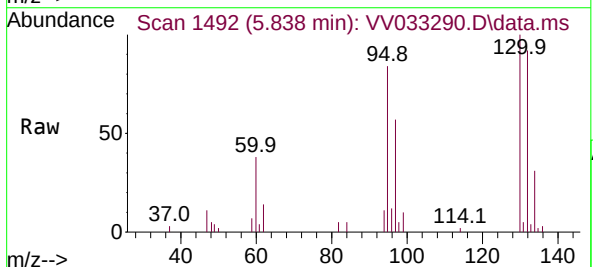
Instrument :
MSVOA_V
ClientSampleId :
E0Y62

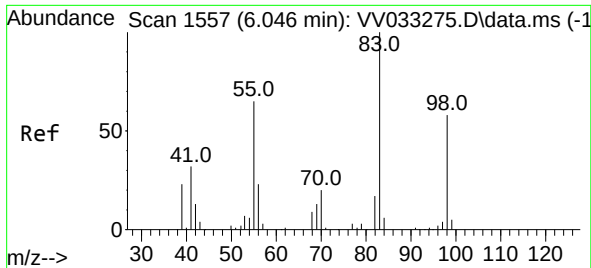
Tgt Ion: 78 Resp: 13672



#34
Trichloroethene
Concen: 1.190 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.006 min
Lab File: VV033290.D
Acq: 13 Dec 2023 20:45

Tgt Ion: 95 Resp: 11597
Ion Ratio Lower Upper
95 100
97 68.1 46.5 86.5
132 109.6 75.1 139.5
130 119.4 79.3 147.3

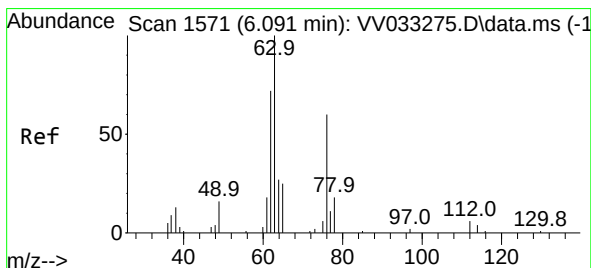
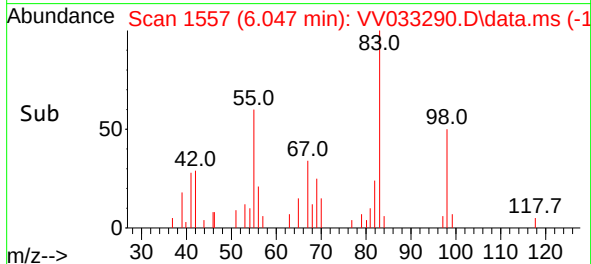
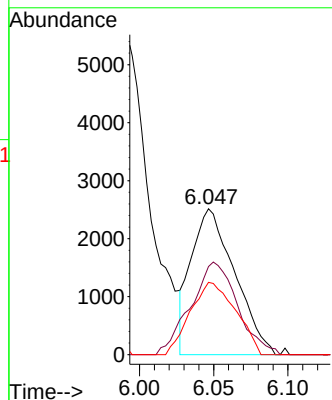
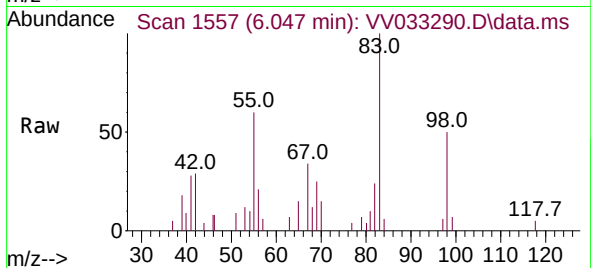




#35
Methylcyclohexane
Concen: 0.355 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VV033290.D
Acq: 13 Dec 2023 20:45

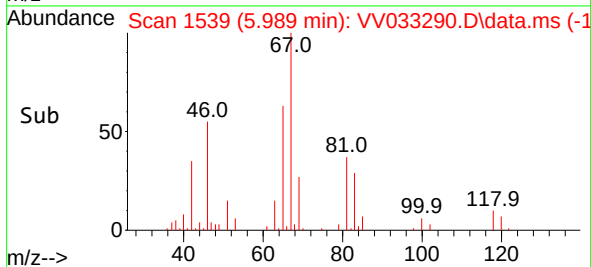
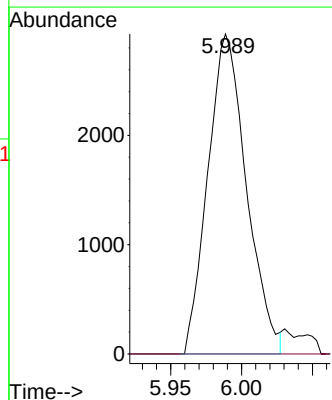
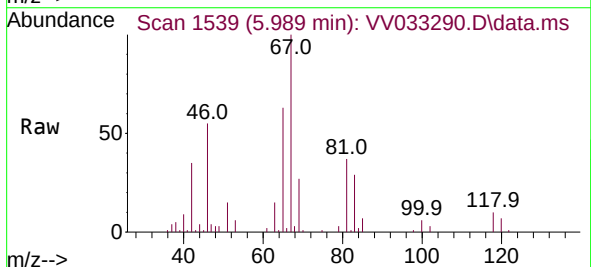
Instrument :
MSVOA_V
ClientSampleId :
E0Y62

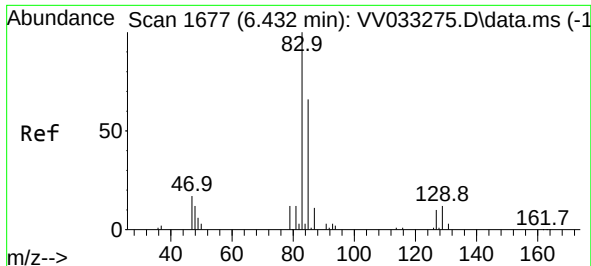
Tgt Ion:	83	Resp:	5128
Ion	Ratio	Lower	Upper
83	100		
55	67.9	50.7	76.1
98	51.6	42.4	63.6



#37
1,2-Dichloropropane
Concen: 0.825 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.103 min
Lab File: VV033290.D
Acq: 13 Dec 2023 20:45

Tgt Ion:	63	Resp:	5547
Ion	Ratio	Lower	Upper
63	100		
112	0.0	5.0	7.6#

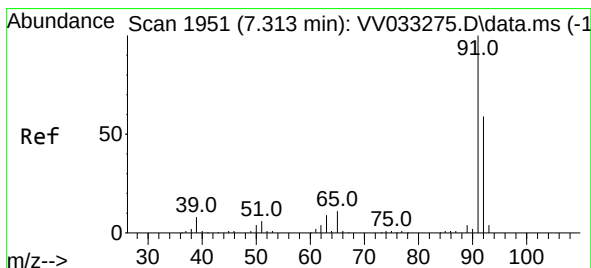
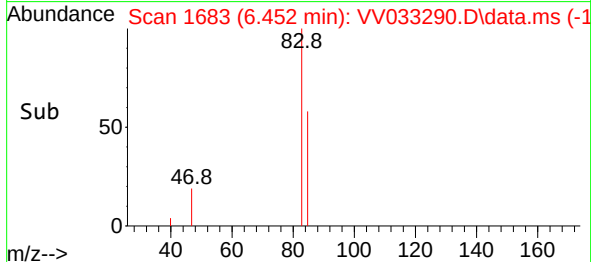
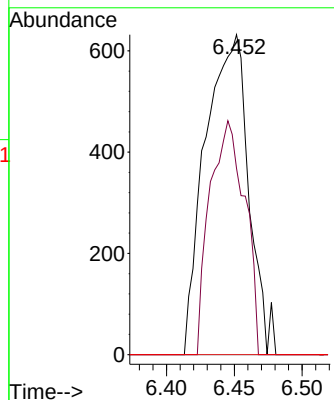
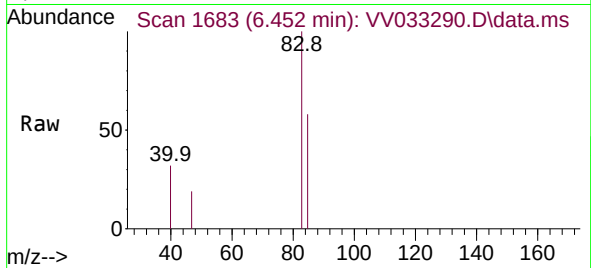




#38
Bromodichloromethane
Concen: 0.130 ug/L
RT: 6.452 min Scan# 1
Delta R.T. 0.019 min
Lab File: VV033290.D
Acq: 13 Dec 2023 20:45

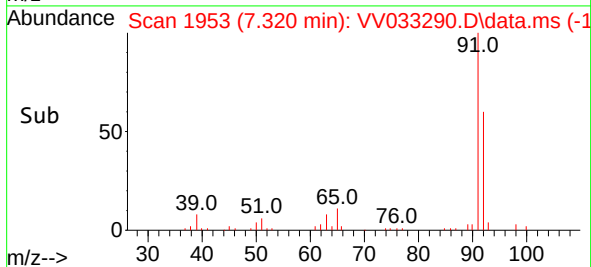
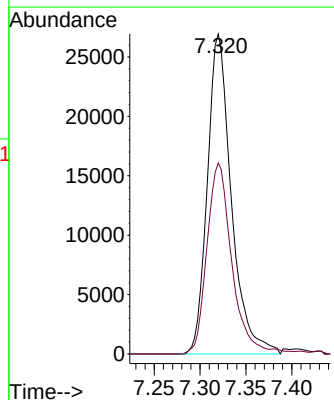
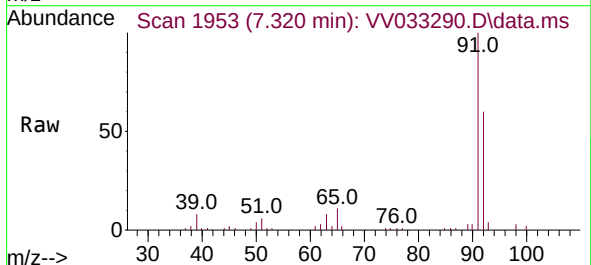
Instrument :
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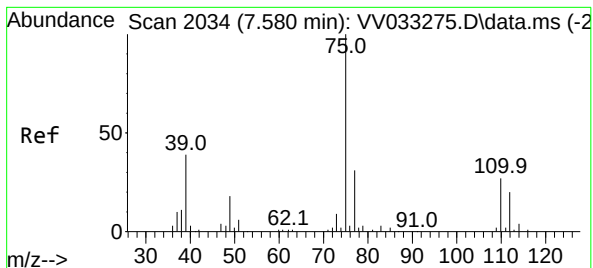
Tgt Ion: 83 Resp: 1402
Ion Ratio Lower Upper
83 100
85 58.2 46.6 86.6
127 0.0 8.6 13.0#



#42
Toluene
Concen: 1.280 ug/L
RT: 7.320 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VV033290.D
Acq: 13 Dec 2023 20:45

Tgt Ion: 91 Resp: 49011
Ion Ratio Lower Upper
91 100
92 59.7 40.2 74.6





#44

trans-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 7.561 min Scan# 2034

Delta R.T. -0.019 min

Lab File: VV033290.D

Acq: 13 Dec 2023 20:45

Instrument :

MSVOA_V

ClientSampleId :

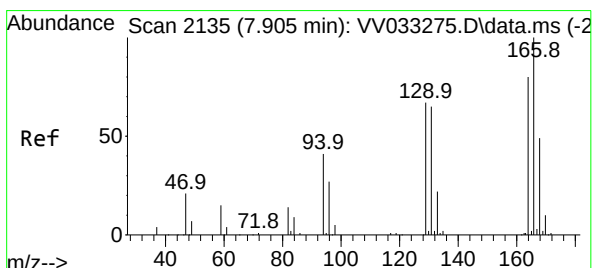
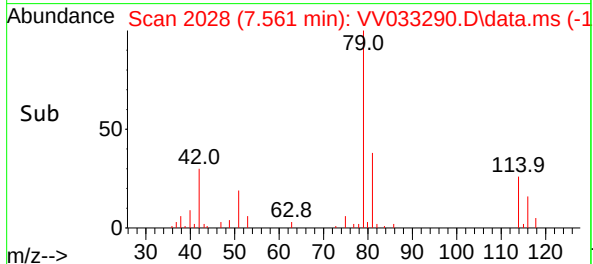
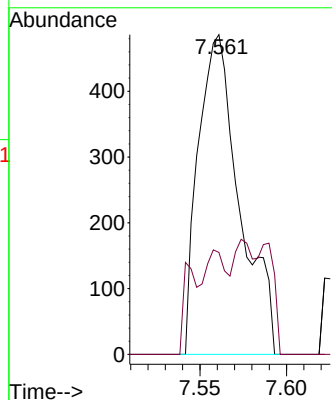
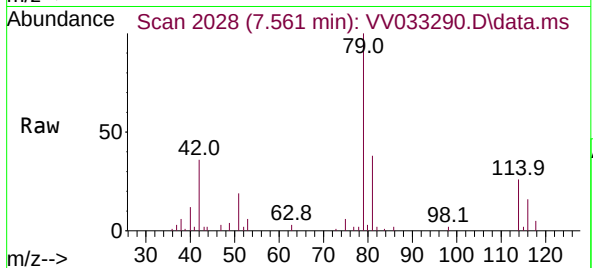
E0Y62

Tgt Ion: 75 Resp: 804

Ion Ratio Lower Upper

75 100

77 31.9 21.7 40.3



#47

Tetrachloroethene

Concen: 0.268 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. 0.006 min

Lab File: VV033290.D

Acq: 13 Dec 2023 20:45

Tgt Ion:164 Resp: 2475

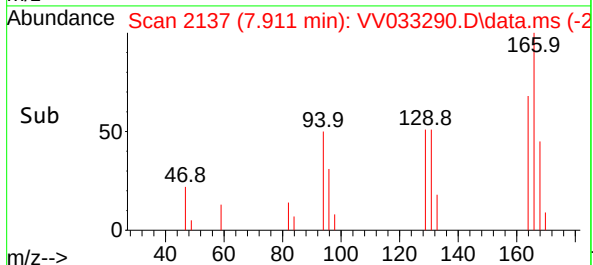
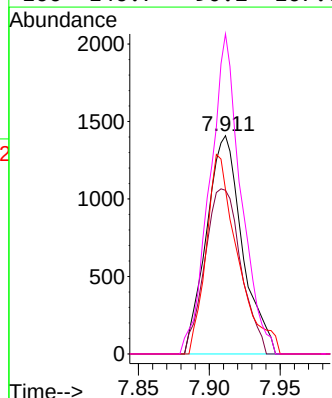
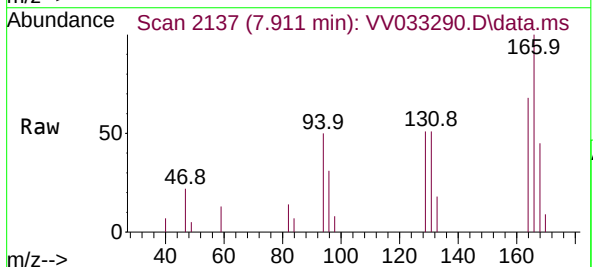
Ion Ratio Lower Upper

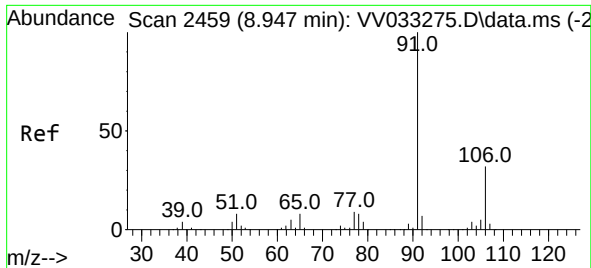
164 100

129 75.0 62.6 116.3

131 75.4 62.6 116.3

166 146.7 90.2 167.6

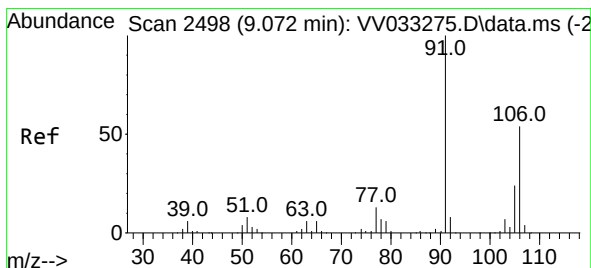
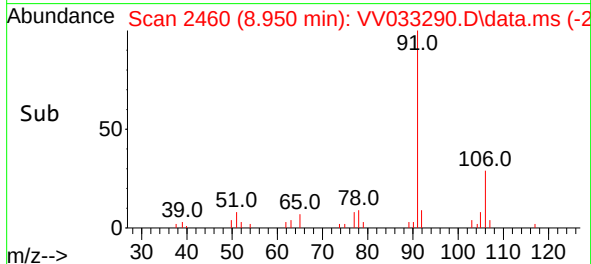
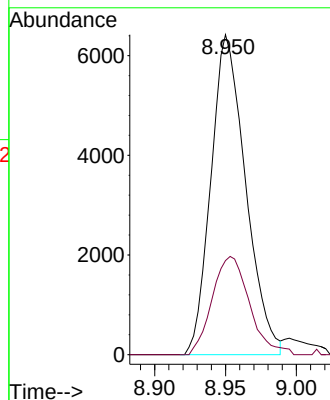
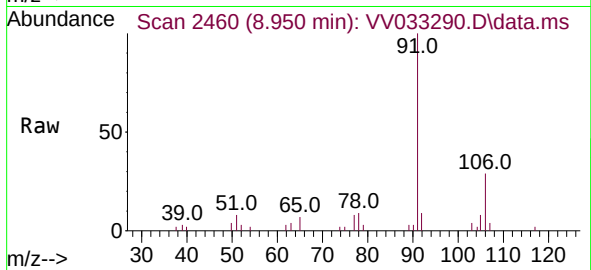




#52
Ethylbenzene
Concen: 0.255 ug/L
RT: 8.950 min Scan# 2459
Delta R.T. 0.003 min
Lab File: VV033290.D
Acq: 13 Dec 2023 20:45

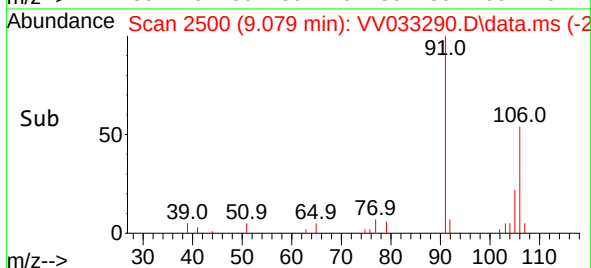
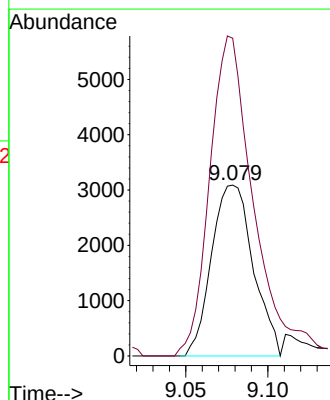
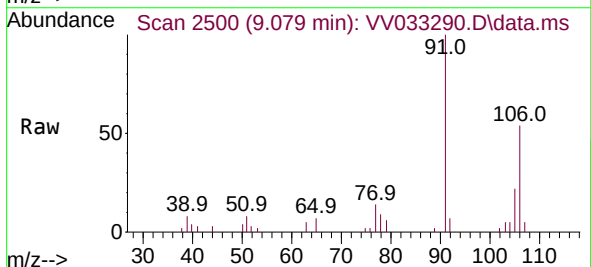
Instrument :
MSVOA_V
ClientSampleId :
E0Y62

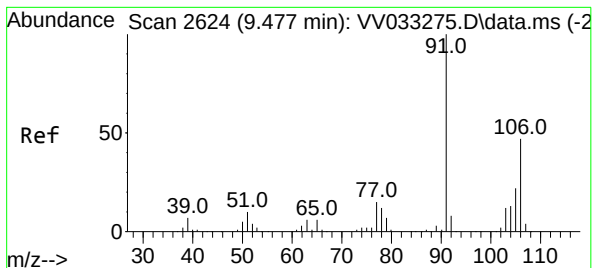
Tgt Ion: 91 Resp: 10932
Ion Ratio Lower Upper
91 100
106 29.4 22.7 42.3



#53
m,p-Xylene
Concen: 0.308 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.006 min
Lab File: VV033290.D
Acq: 13 Dec 2023 20:45

Tgt Ion: 106 Resp: 5447
Ion Ratio Lower Upper
106 100
91 185.9 136.8 254.0





#54

o-Xylene

Concen: 0.166 ug/L

RT: 9.487 min Scan# 2

Delta R.T. 0.010 min

Lab File: VV033290.D

Acq: 13 Dec 2023 20:45

Instrument :

MSVOA_V

ClientSampleId :

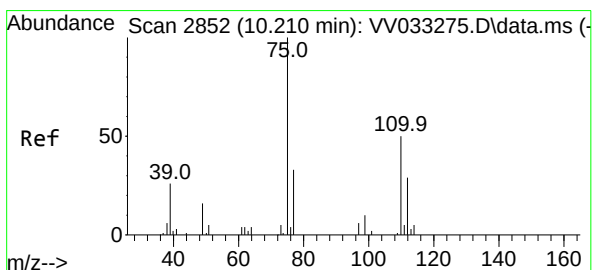
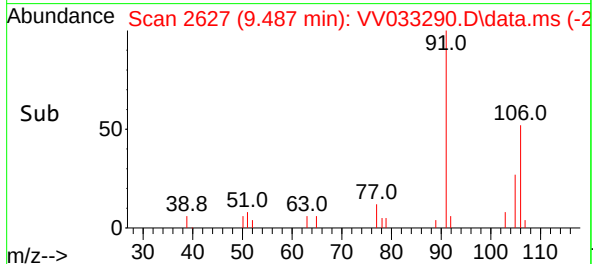
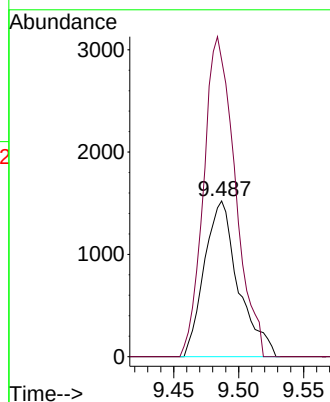
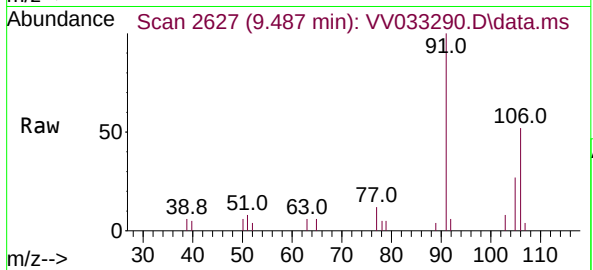
E0Y62

Tgt Ion:106 Resp: 2772

Ion Ratio Lower Upper

106 100

91 190.7 149.9 278.5



#61

1,2,3-Trichloropropane

Concen: 1.521 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.974 min

Lab File: VV033290.D

Acq: 13 Dec 2023 20:45

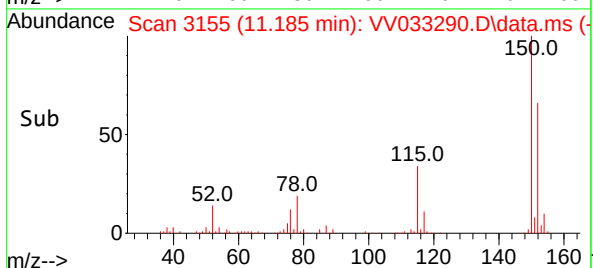
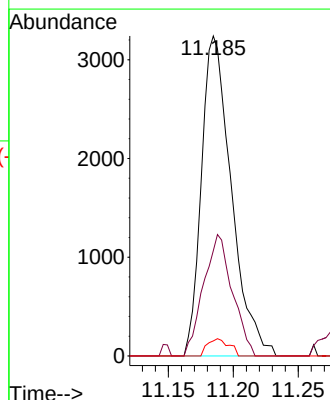
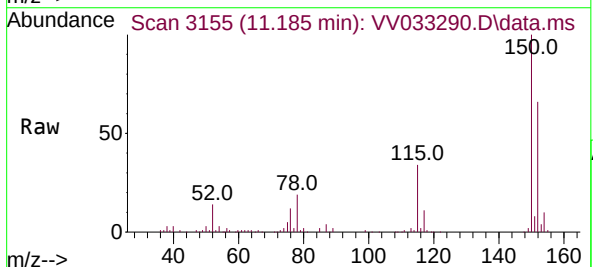
Tgt Ion: 75 Resp: 5190

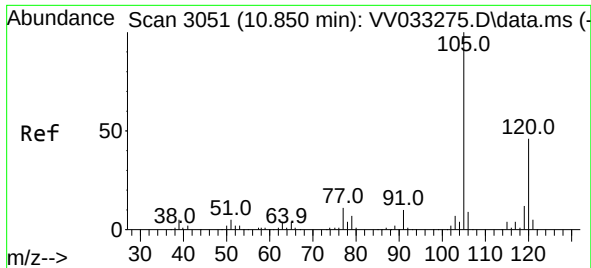
Ion Ratio Lower Upper

75 100

77 36.6 27.4 41.2

110 3.9 39.4 59.2#





#63
 1,2,4-Trimethylbenzene
 Concen: 0.116 ug/L
 RT: 10.853 min Scan# 3052
 Delta R.T. 0.003 min
 Lab File: VV033290.D
 Acq: 13 Dec 2023 20:45

Instrument :
 MSVOA_V
 ClientSampleId :
 E0Y62

Tgt Ion:105 Resp: 4012
 Ion Ratio Lower Upper
 105 100
 120 44.4 38.1 57.1

