

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121323\
 Data File : VW033318.D
 Acq On : 14 Dec 2023 08:19
 Operator : SY/MD
 Sample : 05770-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EOY90

Quant Time: Dec 14 11:18:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 14 01:07:25 2023
 Response via : Initial Calibration

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

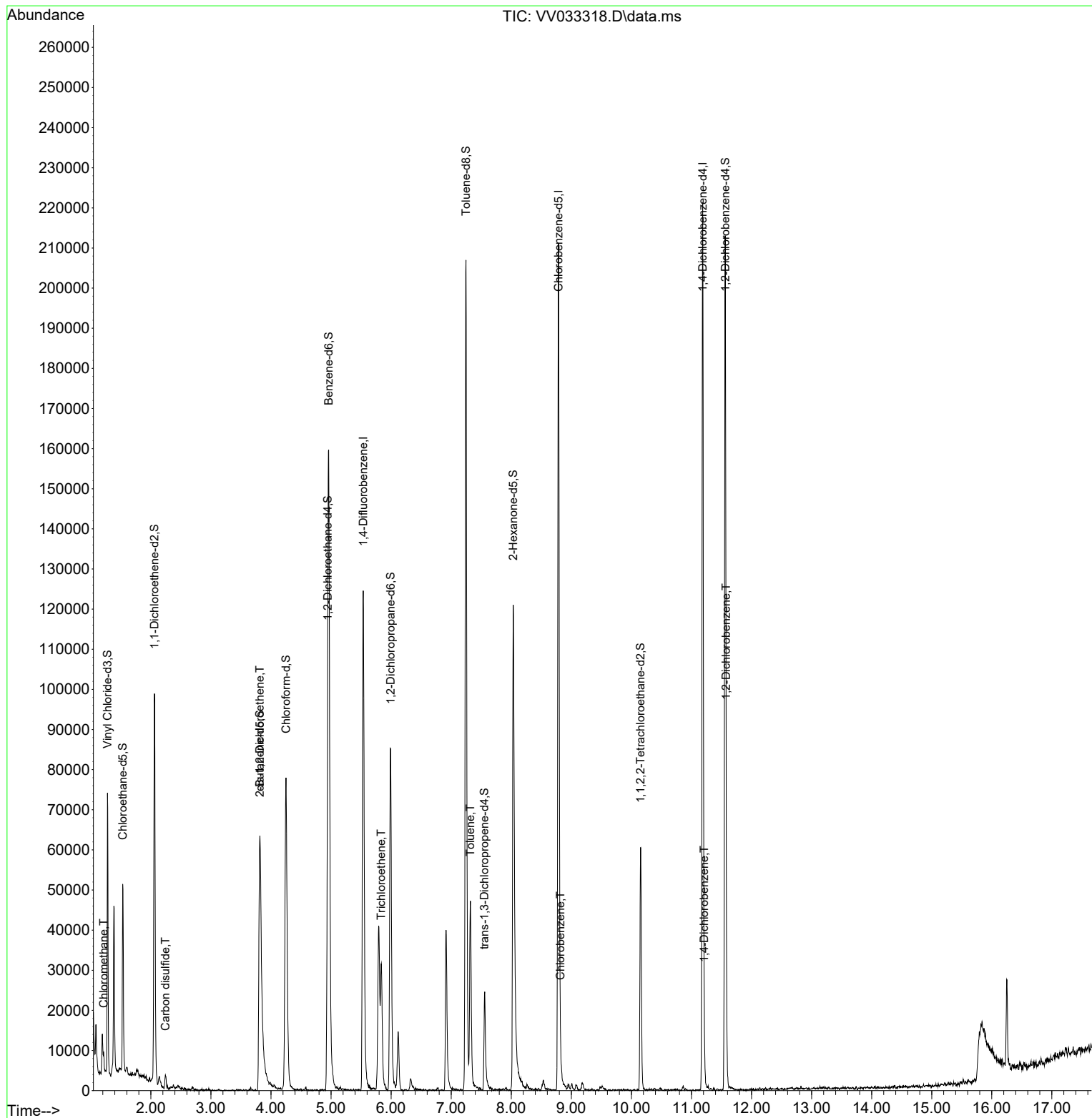
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	124425	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	128702	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	65231	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	38257	4.796	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.000%
7) Chloroethane-d5	1.532	69	28805	4.856	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.059	65	14787	4.658	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.200%
20) 2-Butanone-d5	3.812	46	48941	51.848	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.700%
24) Chloroform-d	4.249	84	83618	5.026	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	4.944	65	40085	5.545	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.800%
32) Benzene-d6	4.960	84	156413	4.698	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	5.992	67	38237	5.046	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	7.246	98	148715	4.584	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	7.554	79	15519	4.489	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.800%
46) 2-Hexanone-d5	8.034	63	53081	54.999	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.000%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	27568	5.379	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.600%
66) 1,2-Dichlorobenzene-d4	11.564	152	63547	5.531	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.600%
Target Compounds						Qvalue
3) Chloromethane	1.214	50	1740	0.196	ug/L	99
14) Carbon disulfide	2.243	76	4307	0.186	ug/L	98
22) cis-1,2-Dichloroethene	3.815	96	25421	2.853	ug/L	99
34) Trichloroethene	5.834	95	9791	0.974	ug/L	80
42) Toluene	7.320	91	36235	0.917	ug/L	99
51) Chlorobenzene	8.818	112	3135	0.116	ug/L	90
65) 1,4-Dichlorobenzene	11.213	146	1687	0.077	ug/L	89
67) 1,2-Dichlorobenzene	11.577	146	2751	0.146	ug/L #	85

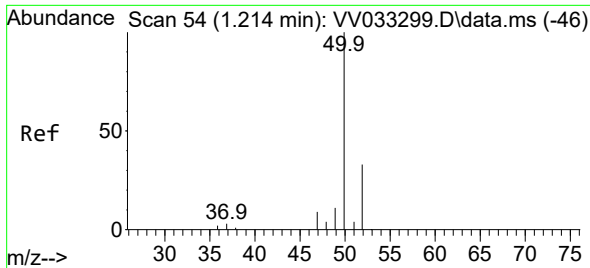
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033318.D
Acq On : 14 Dec 2023 08:19
Operator : SY/MD
Sample : 05770-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 53 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y90

Quant Time: Dec 14 11:18:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 14 01:07:25 2023
Response via : Initial Calibration

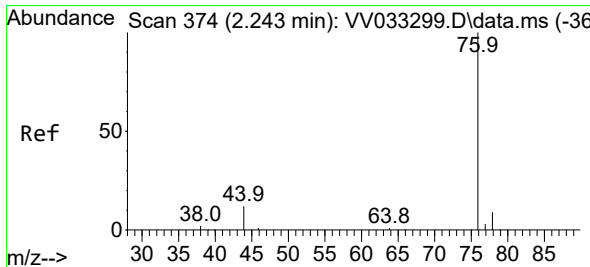
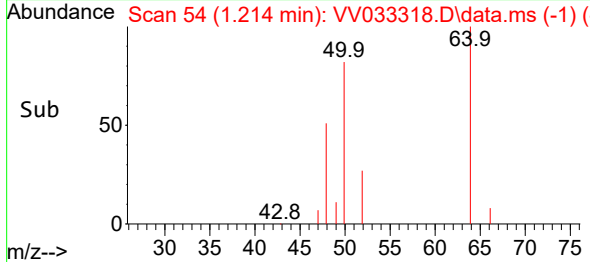
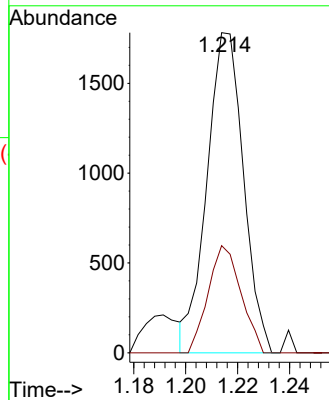
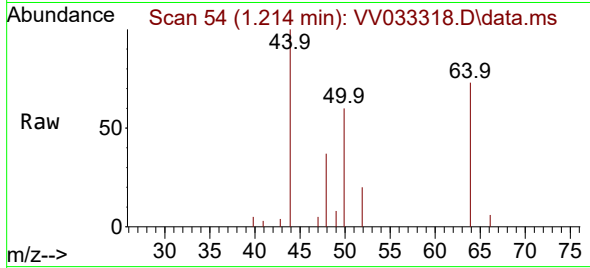




#3
Chloromethane
Concen: 0.196 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.000 min
Lab File: VV033318.D
Acq: 14 Dec 2023 08:19

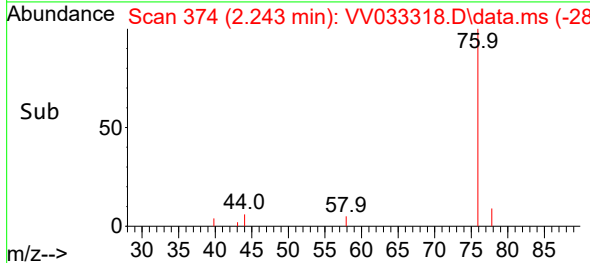
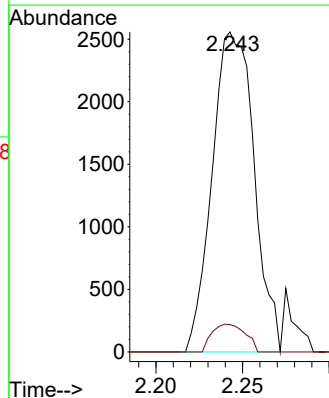
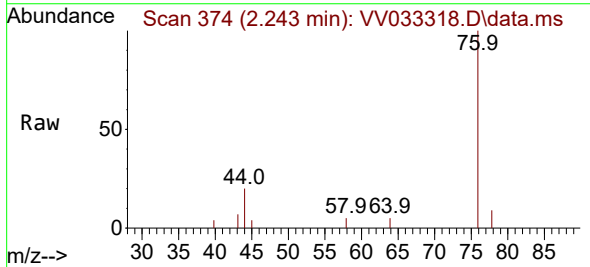
Instrument :
MSVOA_V
ClientSampleId :
E0Y90

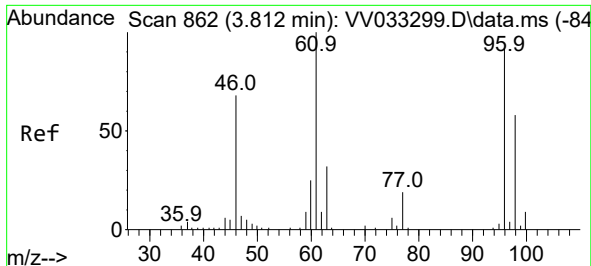
Tgt Ion: 50 Resp: 1740
Ion Ratio Lower Upper
50 100
52 33.4 23.8 44.2



#14
Carbon disulfide
Concen: 0.186 ug/L
RT: 2.243 min Scan# 374
Delta R.T. -0.000 min
Lab File: VV033318.D
Acq: 14 Dec 2023 08:19

Tgt Ion: 76 Resp: 4307
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0





#22

cis-1,2-Dichloroethene

Concen: 2.853 ug/L

RT: 3.815 min Scan# 862

Delta R.T. 0.003 min

Lab File: VV033318.D

Acq: 14 Dec 2023 08:19

Instrument :

MSVOA_V

ClientSampleId :

E0Y90

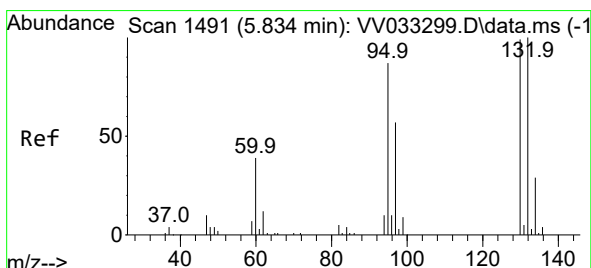
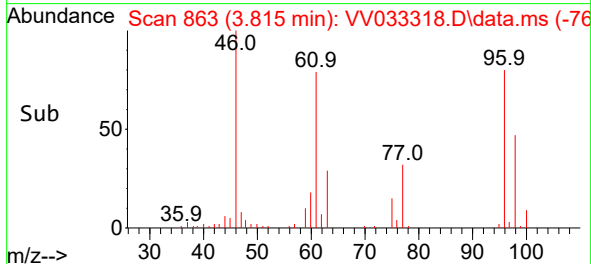
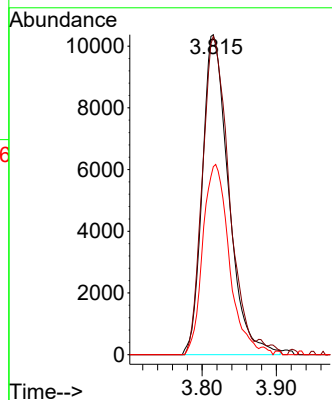
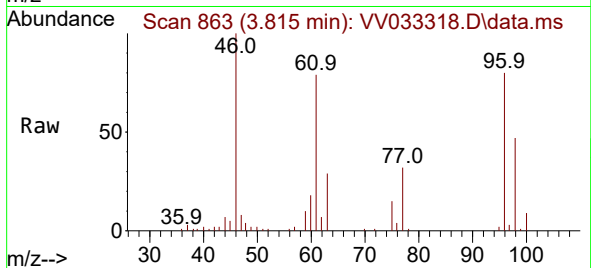
Tgt Ion: 96 Resp: 25421

Ion Ratio Lower Upper

96 100

61 99.5 69.9 129.9

98 58.7 42.4 78.8



#34

Trichloroethene

Concen: 0.974 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VV033318.D

Acq: 14 Dec 2023 08:19

Tgt Ion: 95 Resp: 9791

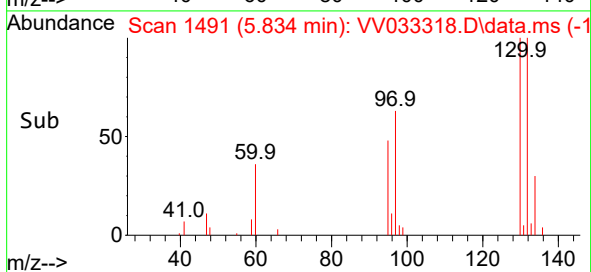
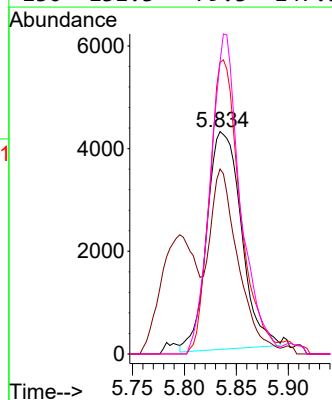
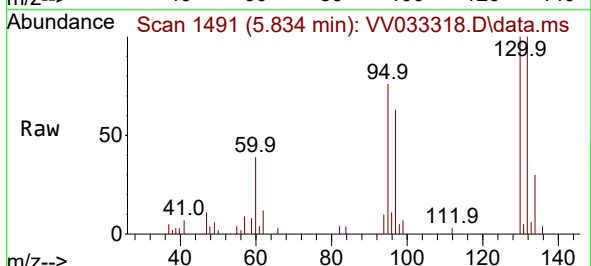
Ion Ratio Lower Upper

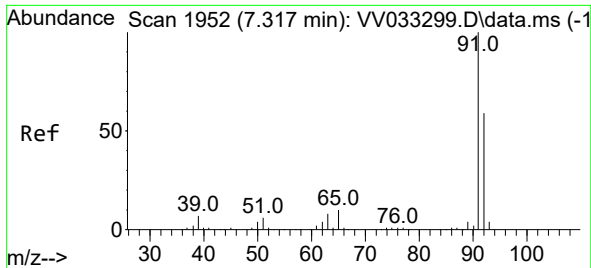
95 100

97 83.1 46.5 86.5

132 131.2 75.1 139.5

130 131.3 79.3 147.3





#42

Toluene

Concen: 0.917 ug/L

RT: 7.320 min Scan# 1952

Delta R.T. 0.003 min

Lab File: VV033318.D

Acq: 14 Dec 2023 08:19

Instrument :

MSVOA_V

ClientSampleId :

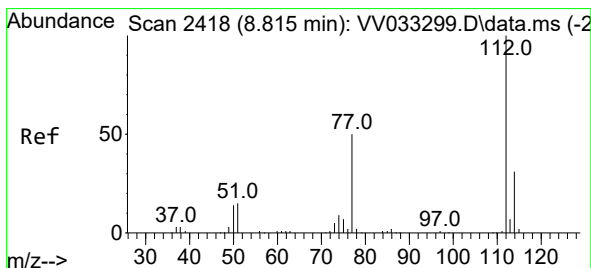
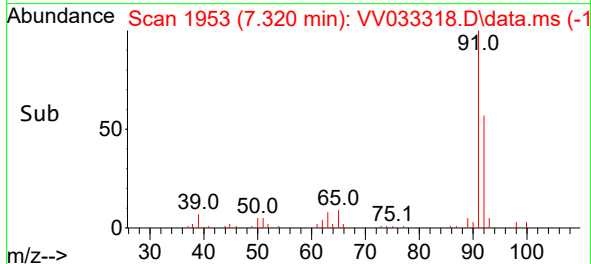
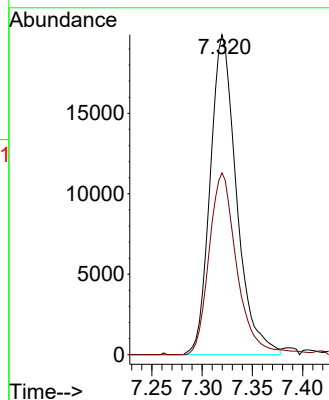
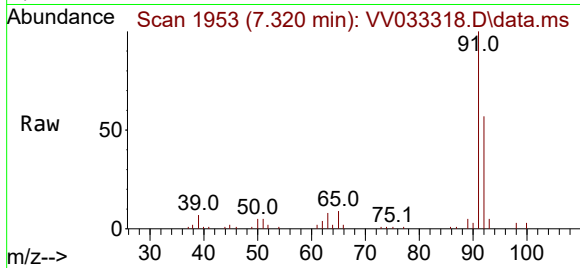
E0Y90

Tgt Ion: 91 Resp: 36235

Ion Ratio Lower Upper

91 100

92 56.8 40.2 74.6



#51

Chlorobenzene

Concen: 0.116 ug/L

RT: 8.818 min Scan# 2419

Delta R.T. 0.003 min

Lab File: VV033318.D

Acq: 14 Dec 2023 08:19

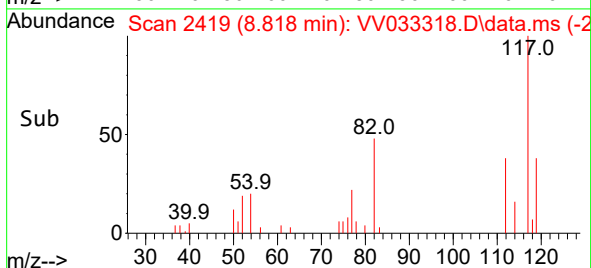
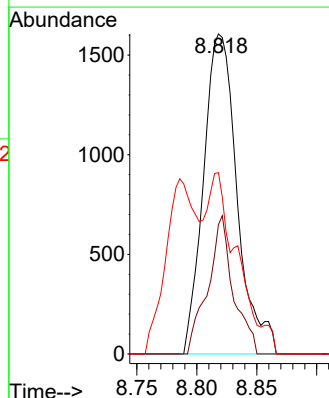
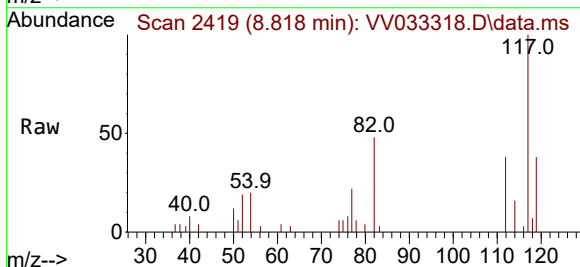
Tgt Ion: 112 Resp: 3135

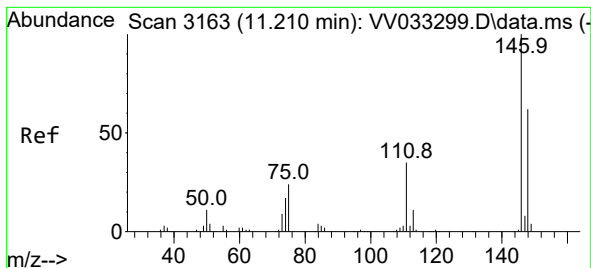
Ion Ratio Lower Upper

112 100

114 40.4 22.8 42.4

77 56.7 41.3 61.9





#65

1,4-Dichlorobenzene

Concen: 0.077 ug/L

RT: 11.213 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VV033318.D

Acq: 14 Dec 2023 08:19

Instrument :

MSVOA_V

ClientSampleId :

E0Y90

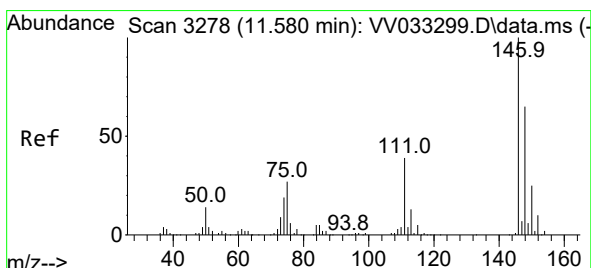
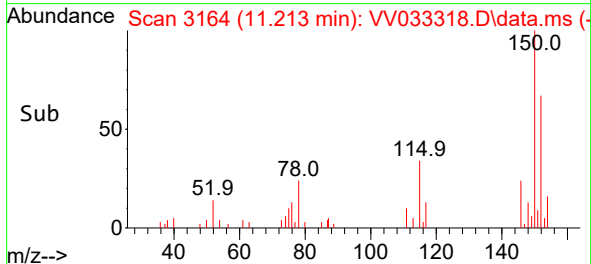
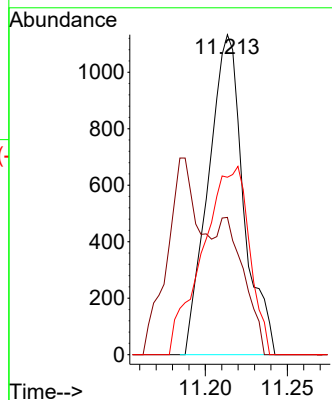
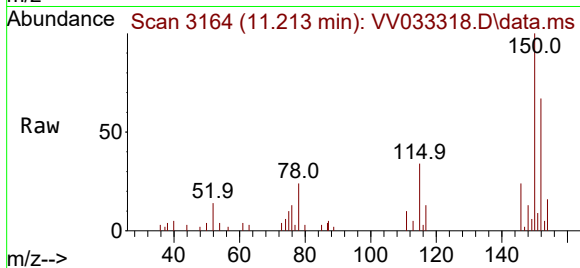
Tgt Ion:146 Resp: 1687

Ion Ratio Lower Upper

146 100

111 42.9 25.6 47.4

148 55.4 44.7 82.9



#67

1,2-Dichlorobenzene

Concen: 0.146 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. -0.003 min

Lab File: VV033318.D

Acq: 14 Dec 2023 08:19

Tgt Ion:146 Resp: 2751

Ion Ratio Lower Upper

146 100

111 51.3 31.0 46.4#

148 75.5 52.6 79.0

