

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100523\
 Data File : VV032272.D
 Acq On : 05 Oct 2023 22:12
 Operator : SY/MD
 Sample : 04741-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 06 05:26:40 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)

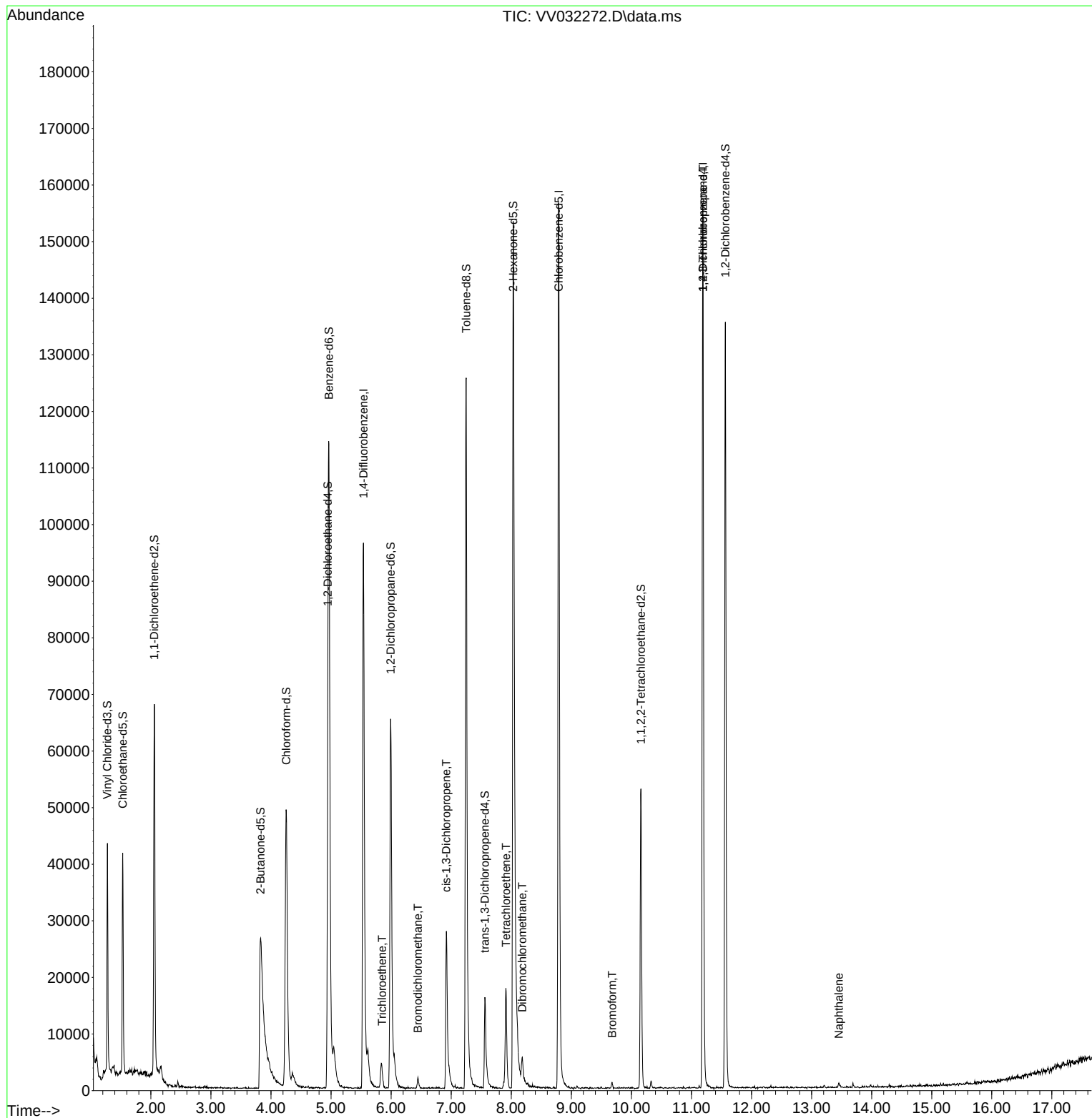
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	86131	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	90359	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	41378	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	26051	3.719	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.400%
7) Chloroethane-d5	1.532	69	25329	4.455	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.056	65	11276	3.817	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.400%
20) 2-Butanone-d5	3.825	46	84057	47.436	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.880%
24) Chloroform-d	4.252	84	54797	4.434	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	4.947	65	26862	4.589	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	4.963	84	104026	3.913	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.200%
36) 1,2-Dichloropropane-d6	5.992	67	38087	4.324	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.249	98	91717	3.772	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.400%
43) trans-1,3-Dichloroprop...	7.561	79	11676	3.740	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.800%
46) 2-Hexanone-d5	8.034	63	60359	41.096	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.200%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	27445	4.454	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.000%
66) 1,2-Dichlorobenzene-d4	11.564	152	35002	4.559	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.200%
Target Compounds						Qvalue
34) Trichloroethene	5.850	95	808	0.093	ug/L	85
38) Bromodichloromethane	6.445	83	1583	0.157	ug/L #	92
39) cis-1,3-Dichloropropene	6.918	75	799	0.066	ug/L #	61
47) Tetrachloroethene	7.915	164	4380	0.665	ug/L	96
49) Dibromochloromethane	8.185	129	2562	0.410	ug/L	82
59) Bromoform	9.677	173	535	0.178	ug/L #	91
61) 1,2,3-Trichloropropane	11.191	75	5354	1.216	ug/L #	65
71) Naphthalene	13.455	128	1231	0.073	ug/L #	71

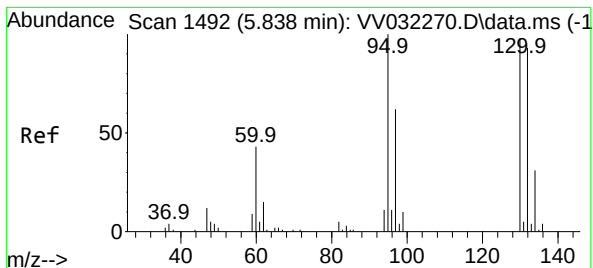
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#34

Trichloroethene

Concen: 0.093 ug/L

RT: 5.850 min Scan# 1496

Delta R.T. 0.013 min

Lab File: VV032272.D

Acq: 05 Oct 2023 22:12

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 808

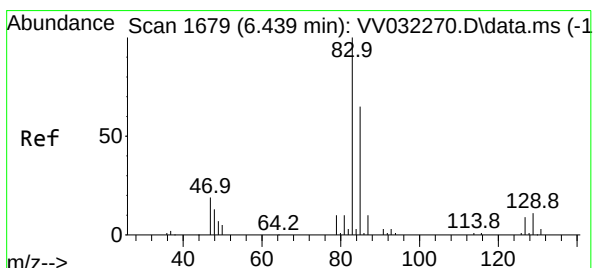
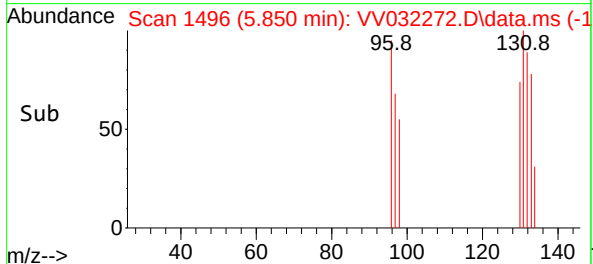
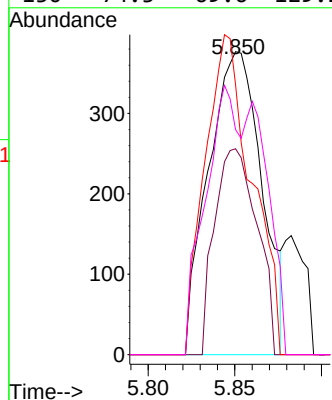
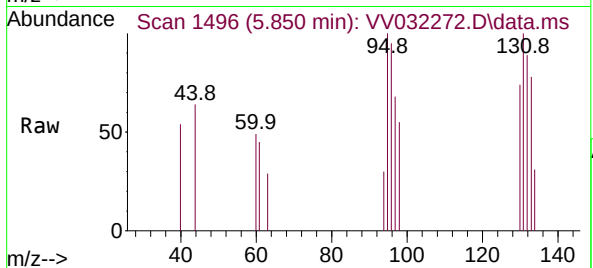
Ion Ratio Lower Upper

95 100

97 67.9 45.7 84.9

132 89.1 70.3 130.5

130 74.3 69.6 129.2



#38

Bromodichloromethane

Concen: 0.157 ug/L

RT: 6.445 min Scan# 1681

Delta R.T. 0.006 min

Lab File: VV032272.D

Acq: 05 Oct 2023 22:12

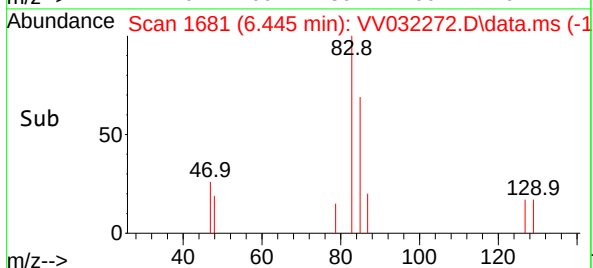
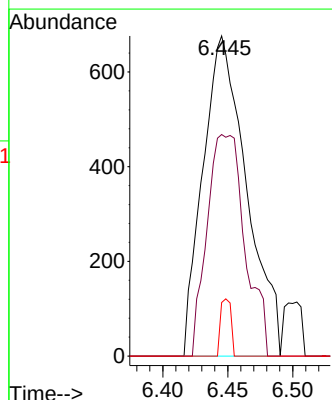
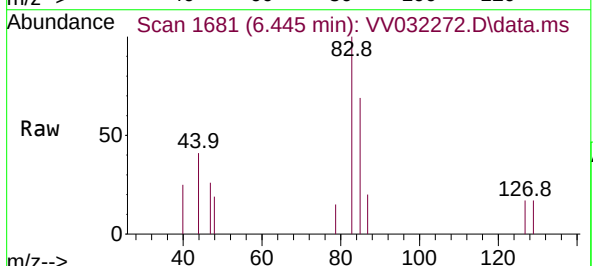
Tgt Ion: 83 Resp: 1583

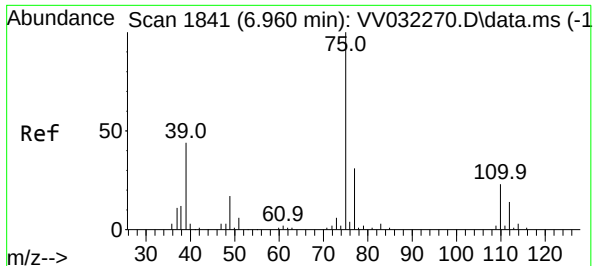
Ion Ratio Lower Upper

83 100

85 69.2 44.9 83.3

127 16.7 6.9 10.3#





#39

cis-1,3-Dichloropropene

Concen: 0.066 ug/L

RT: 6.918 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV032272.D

Acq: 05 Oct 2023 22:12

Instrument :

MSVOA_V

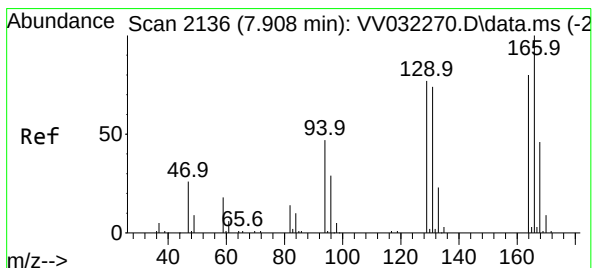
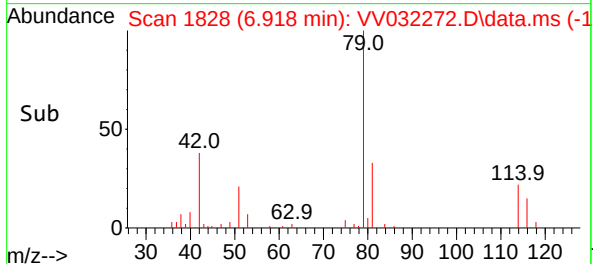
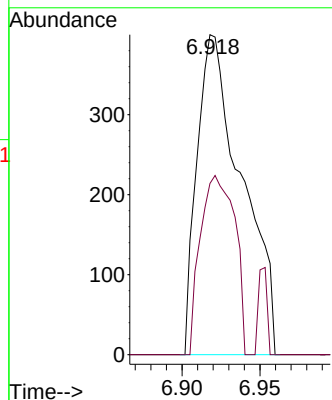
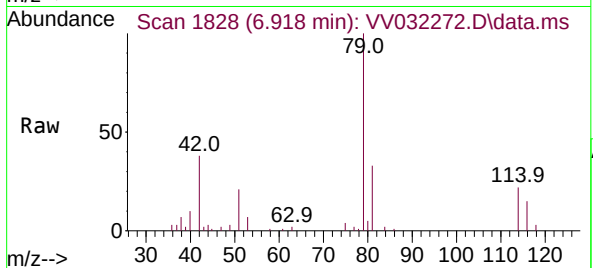
ClientSampleId :

Tgt Ion: 75 Resp: 799

Ion Ratio Lower Upper

75 100

77 53.5 22.2 41.2#



#47

Tetrachloroethene

Concen: 0.665 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.006 min

Lab File: VV032272.D

Acq: 05 Oct 2023 22:12

Tgt Ion: 164 Resp: 4380

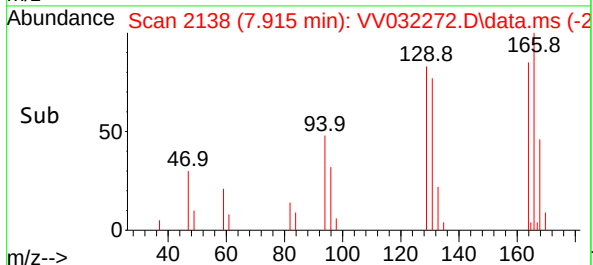
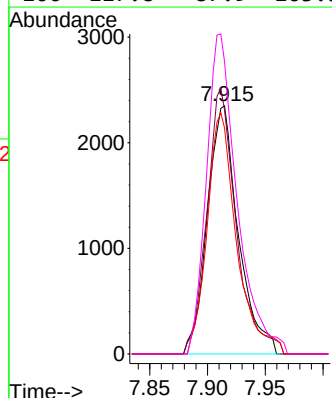
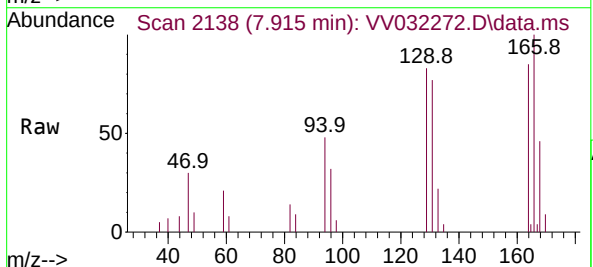
Ion Ratio Lower Upper

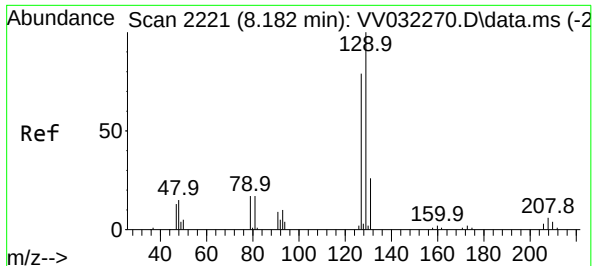
164 100

129 98.3 66.4 123.4

131 91.1 63.7 118.3

166 117.8 87.9 163.3





#49

Dibromochloromethane

Concen: 0.410 ug/L

RT: 8.185 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV032272.D

Acq: 05 Oct 2023 22:12

Instrument :

MSVOA_V

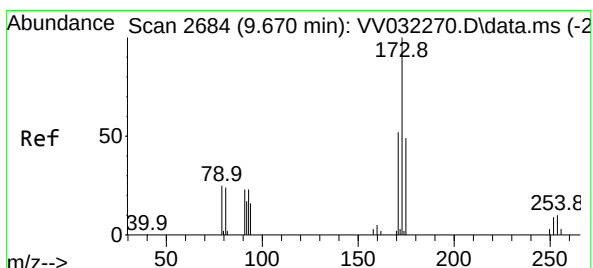
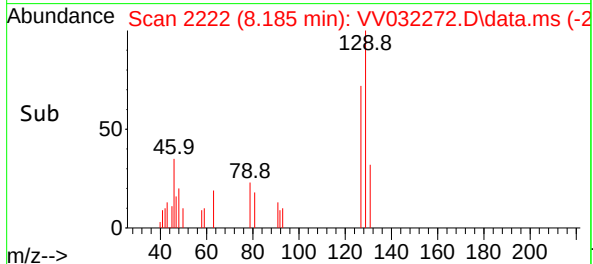
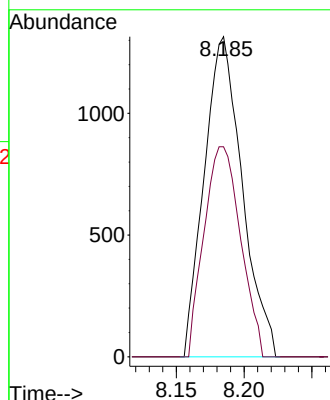
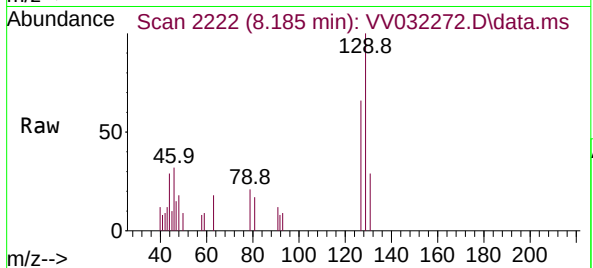
ClientSampleId :

Tgt Ion:129 Resp: 2562

Ion Ratio Lower Upper

129 100

127 65.6 57.2 106.2



#59

Bromoform

Concen: 0.178 ug/L

RT: 9.677 min Scan# 2686

Delta R.T. 0.006 min

Lab File: VV032272.D

Acq: 05 Oct 2023 22:12

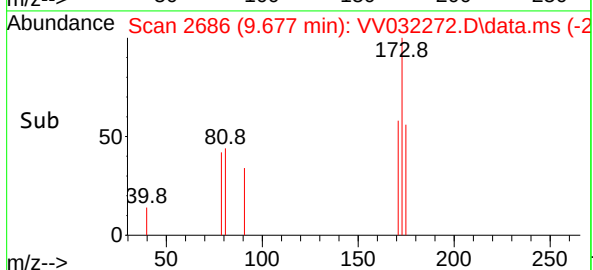
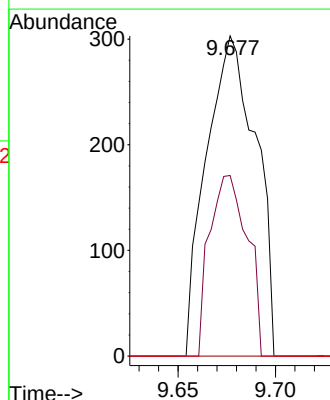
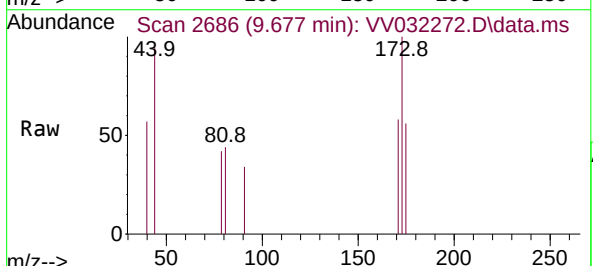
Tgt Ion:173 Resp: 535

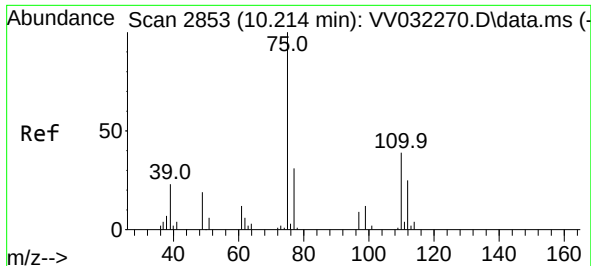
Ion Ratio Lower Upper

173 100

175 43.2 38.2 57.2

254 0.0 7.0 10.4#





#61

1,2,3-Trichloropropane

Concen: 1.216 ug/L

RT: 11.191 min Scan# 3157

Delta R.T. 0.977 min

Lab File: VV032272.D

Acq: 05 Oct 2023 22:12

Instrument :

MSVOA_V

ClientSampleId :

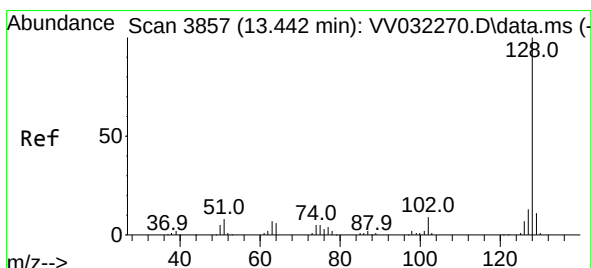
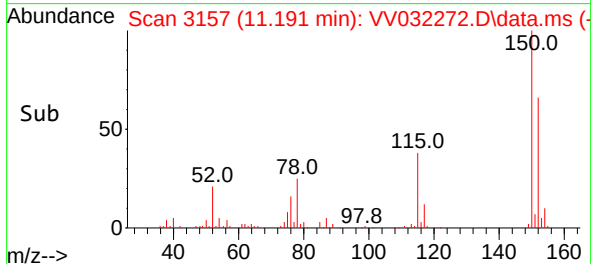
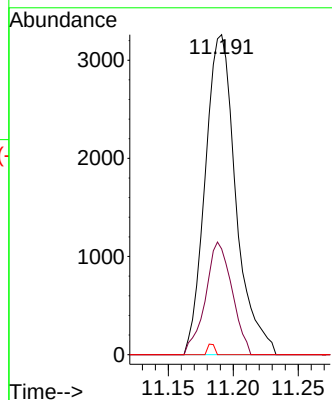
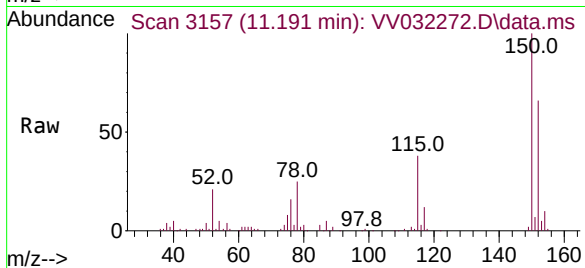
Tgt Ion: 75 Resp: 5354

Ion Ratio Lower Upper

75 100

77 30.5 26.2 39.2

110 0.7 30.6 46.0#



#71

Naphthalene

Concen: 0.073 ug/L

RT: 13.455 min Scan# 3861

Delta R.T. 0.013 min

Lab File: VV032272.D

Acq: 05 Oct 2023 22:12

Tgt Ion:128 Resp: 1231

Ion Ratio Lower Upper

128 100

129 0.0 9.0 13.4#

127 1.7 10.2 15.2#

