

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100423\
 Data File : VV032240.D
 Acq On : 04 Oct 2023 19:31
 Operator : SY/MD
 Sample : 04708-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 05 01:44:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 05 01:37:52 2023
 Response via : Initial Calibration

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

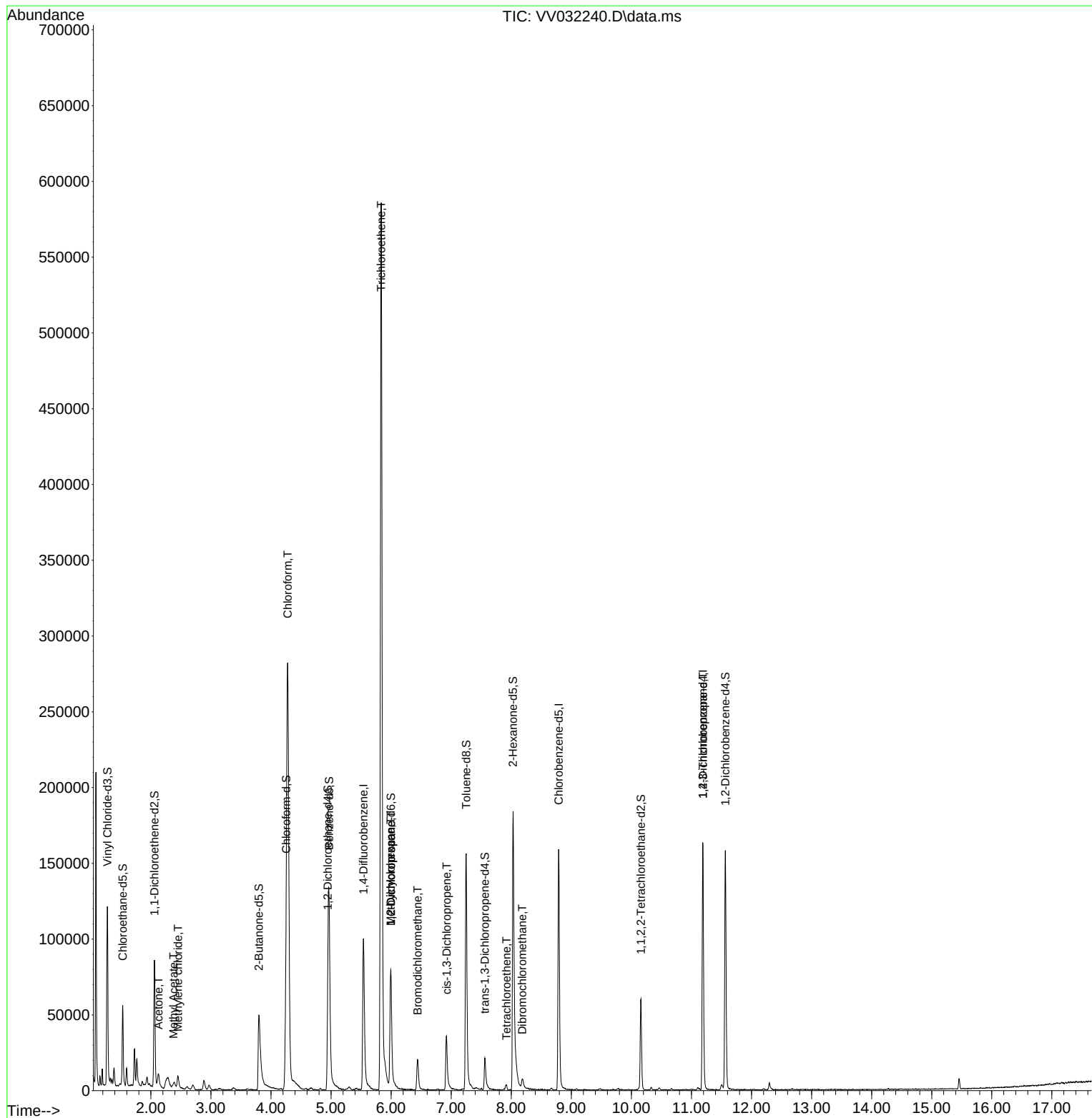
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	93989	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	88284	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	42427	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	34197	4.474	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.400%
7) Chloroethane-d5	1.532	69	30860	4.973	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	2.060	65	14186	4.400	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.000%
20) 2-Butanone-d5	3.799	46	90935	47.027	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.060%
24) Chloroform-d	4.253	84	74620	5.534	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.600%
26) 1,2-Dichloroethane-d4	4.947	65	31907	4.995	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	4.966	84	127311	4.901	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	5.995	67	43220	5.022	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.249	98	109423	4.606	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	7.561	79	14169	4.646	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.031	63	67949	47.351	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.700%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	30169	5.011	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	40300	5.119	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds	Qvalue					
13) Acetone	2.127	43	9069	6.085	ug/L	100
15) Methyl Acetate	2.378	43	1362	0.406	ug/L #	53
16) Methylene chloride	2.452	84	3304	0.368	ug/L	96
25) Chloroform	4.278	83	279080	19.151	ug/L	99
34) Trichloroethene	5.834	95	217830	25.672	ug/L	98
35) Methylcyclohexane	5.992	83	9677	0.737	ug/L #	19
37) 1,2-Dichloropropane	5.995	63	4560	0.549	ug/L #	87
38) Bromodichloromethane	6.439	83	15610	1.580	ug/L	99
39) cis-1,3-Dichloropropene	6.924	75	950	0.080	ug/L #	62
47) Tetrachloroethene	7.921	164	911	0.142	ug/L	89
49) Dibromochloromethane	8.185	129	2654	0.435	ug/L	100
61) 1,2,3-Trichloropropane	11.191	75	5638	1.249	ug/L #	65

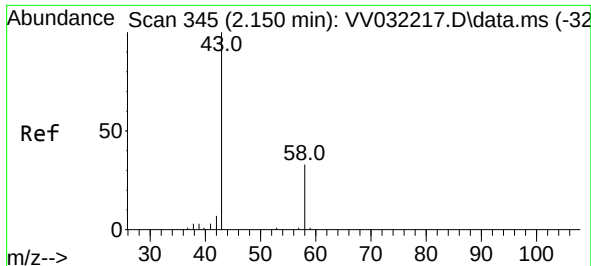
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.085 ug/L

RT: 2.127 min Scan# 31

Delta R.T. -0.022 min

Lab File: VV032240.D

Acq: 04 Oct 2023 19:31

Instrument :

MSVOA_V

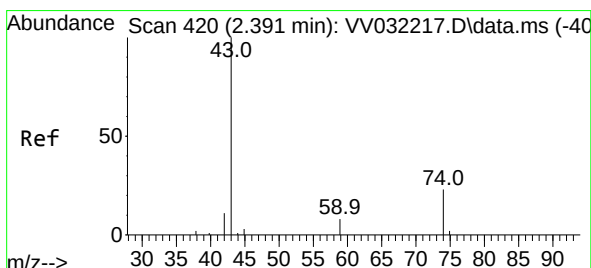
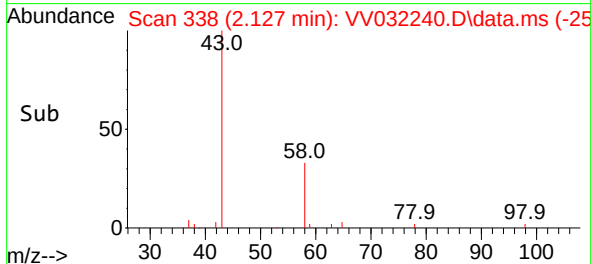
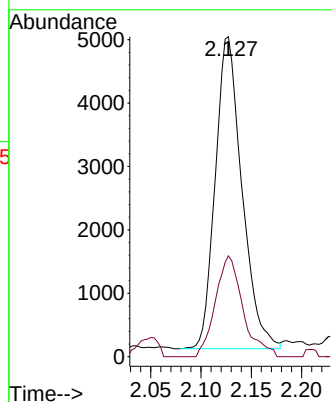
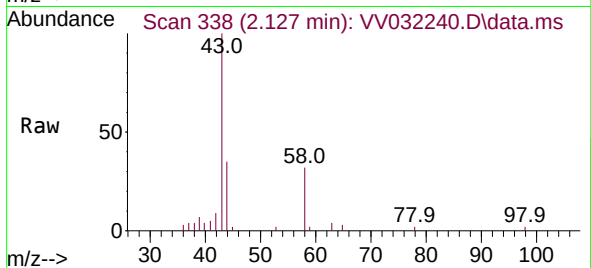
ClientSampleId :

Tgt Ion: 43 Resp: 9069

Ion Ratio Lower Upper

43 100

58 33.2 0.0 66.0



#15

Methyl Acetate

Concen: 0.406 ug/L

RT: 2.378 min Scan# 416

Delta R.T. -0.013 min

Lab File: VV032240.D

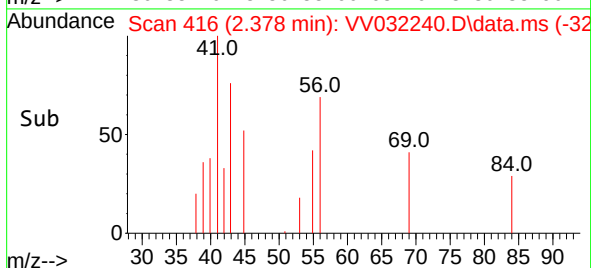
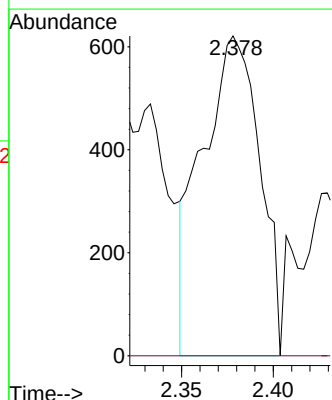
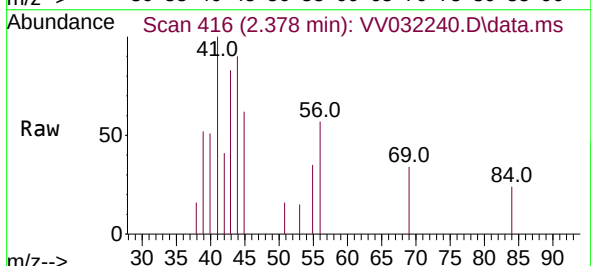
Acq: 04 Oct 2023 19:31

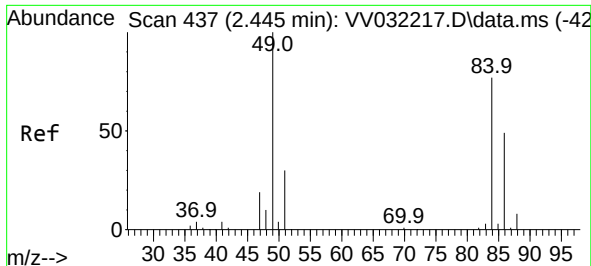
Tgt Ion: 43 Resp: 1362

Ion Ratio Lower Upper

43 100

74 0.0 18.0 27.0#

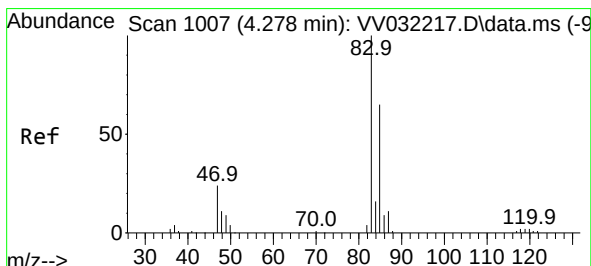
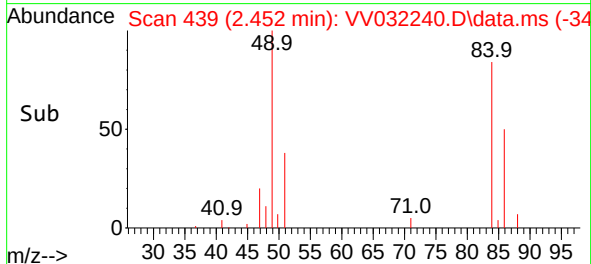
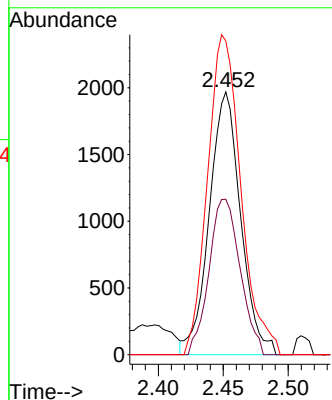
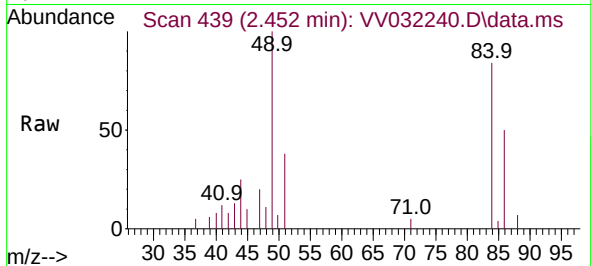




#16
Methylene chloride
Concen: 0.368 ug/L
RT: 2.452 min Scan# 41
Delta R.T. 0.007 min
Lab File: VV032240.D
Acq: 04 Oct 2023 19:31

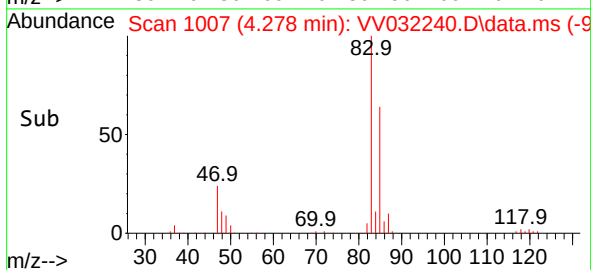
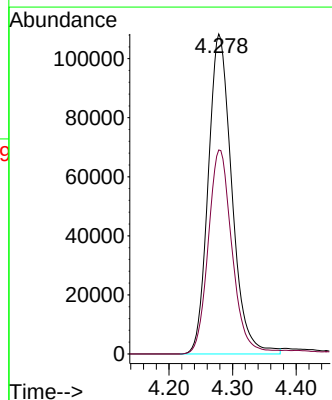
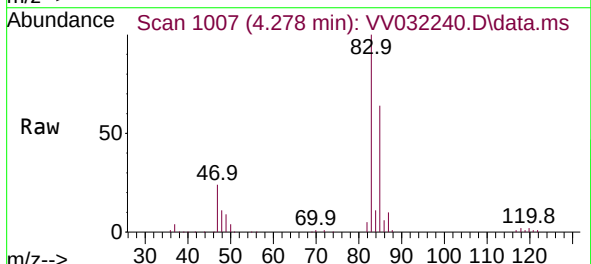
Instrument :
MSVOA_V
ClientSampleId :

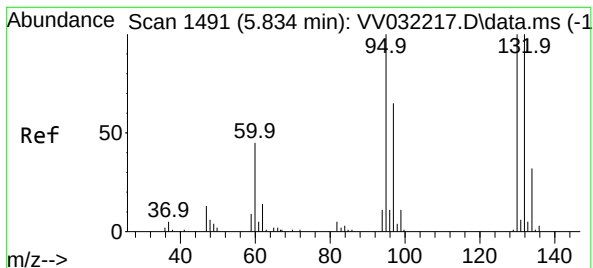
Tgt Ion: 84 Resp: 3304
Ion Ratio Lower Upper
84 100
86 59.1 43.2 80.2
49 127.8 86.3 160.3



#25
Chloroform
Concen: 19.151 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. 0.000 min
Lab File: VV032240.D
Acq: 04 Oct 2023 19:31

Tgt Ion: 83 Resp: 279080
Ion Ratio Lower Upper
83 100
85 63.7 45.4 84.4





#34

Trichloroethene

Concen: 25.672 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VV032240.D

Acq: 04 Oct 2023 19:31

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 217830

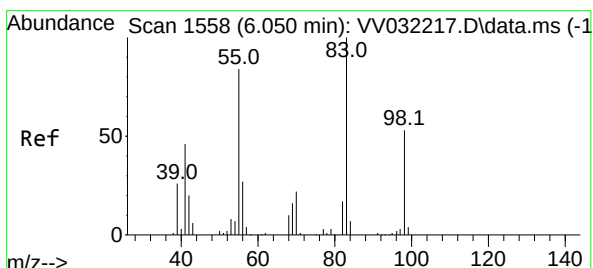
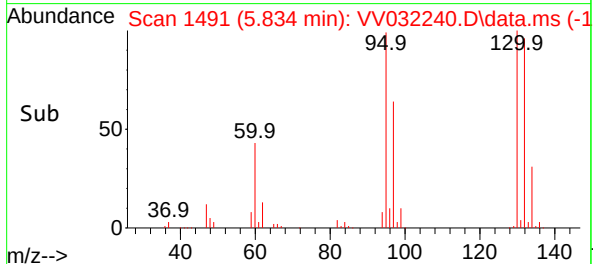
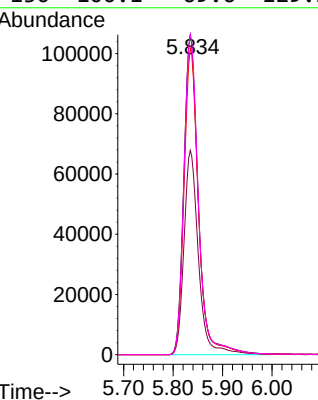
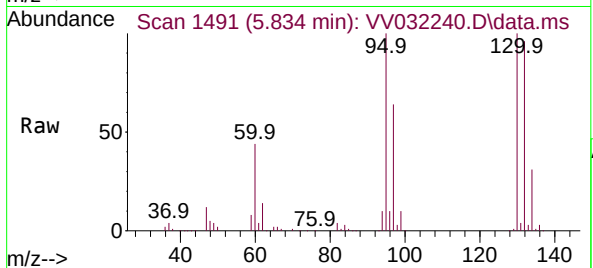
Ion Ratio Lower Upper

95 100

97 63.9 45.7 84.9

132 95.9 70.3 130.5

130 100.1 69.6 129.2



#35

Methylcyclohexane

Concen: 0.737 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.058 min

Lab File: VV032240.D

Acq: 04 Oct 2023 19:31

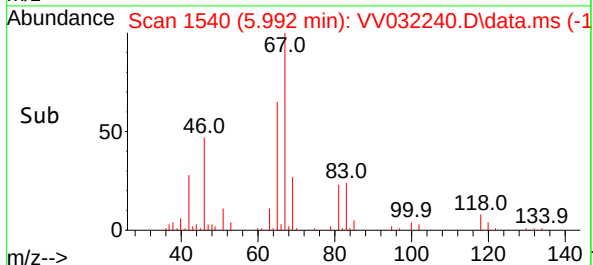
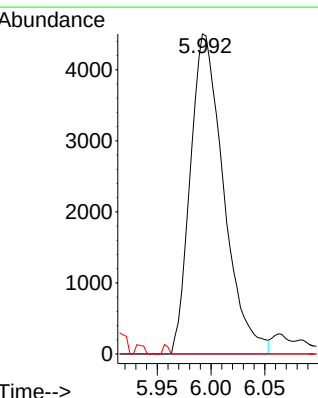
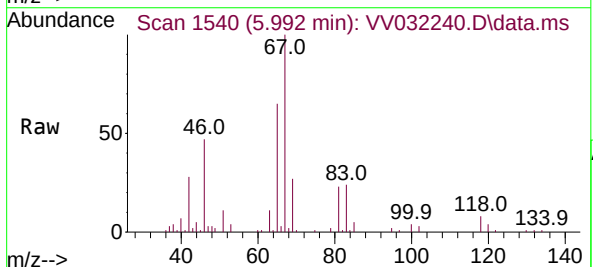
Tgt Ion: 83 Resp: 9677

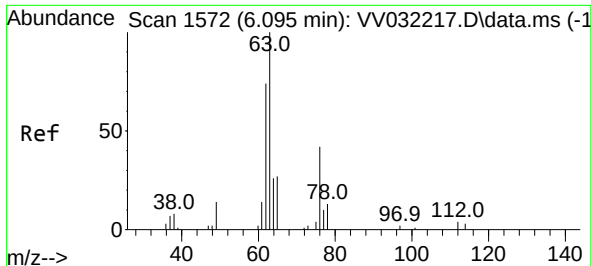
Ion Ratio Lower Upper

83 100

55 0.0 64.2 96.2#

98 4.9 39.6 59.4#

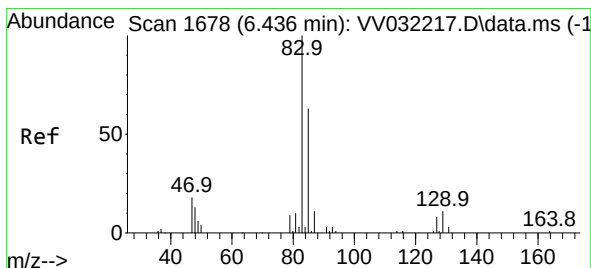
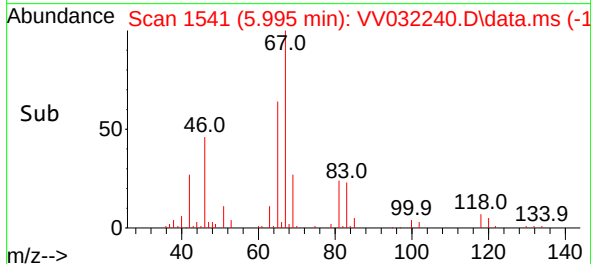
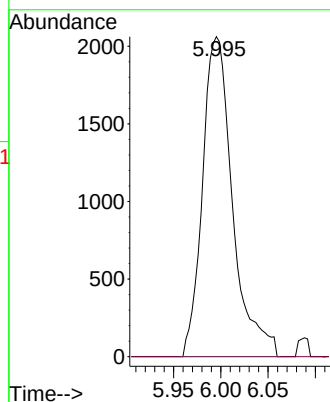
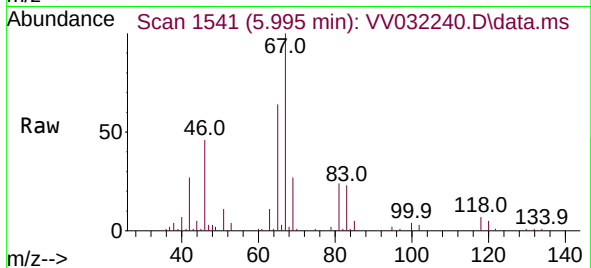




#37
1,2-Dichloropropane
Concen: 0.549 ug/L
RT: 5.995 min Scan# 11
Delta R.T. -0.100 min
Lab File: VV032240.D
Acq: 04 Oct 2023 19:31

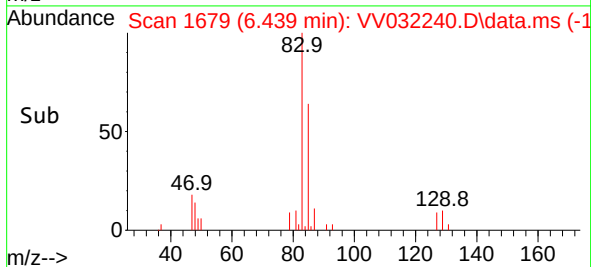
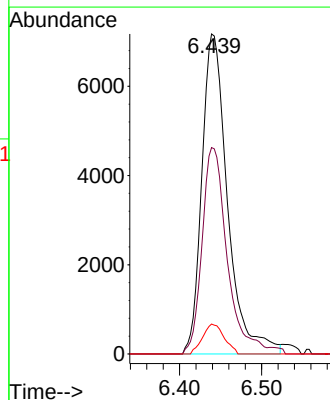
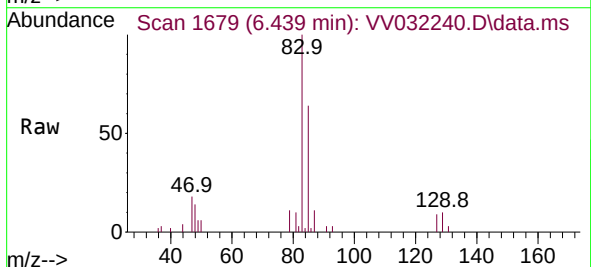
Instrument :
MSVOA_V
ClientSampleId :

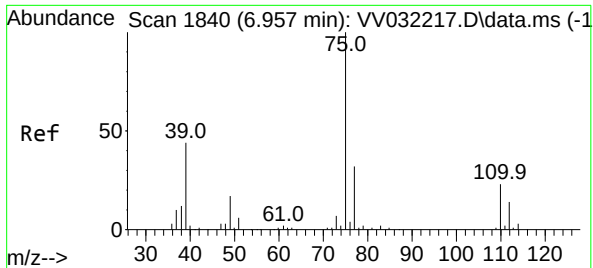
Tgt Ion: 63 Resp: 4560
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



#38
Bromodichloromethane
Concen: 1.580 ug/L
RT: 6.439 min Scan# 1679
Delta R.T. 0.003 min
Lab File: VV032240.D
Acq: 04 Oct 2023 19:31

Tgt Ion: 83 Resp: 15610
Ion Ratio Lower Upper
83 100
85 64.5 44.9 83.3
127 9.4 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 6.924 min Scan# 11

Delta R.T. -0.032 min

Lab File: VV032240.D

Acq: 04 Oct 2023 19:31

Instrument :

MSVOA_V

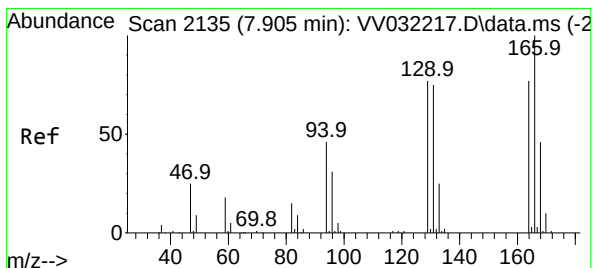
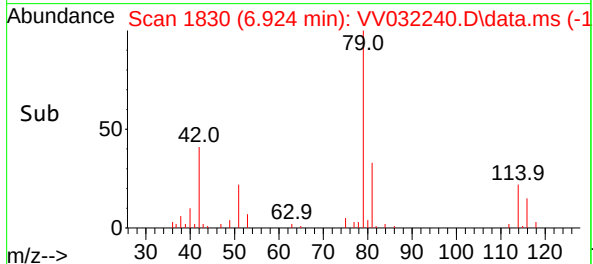
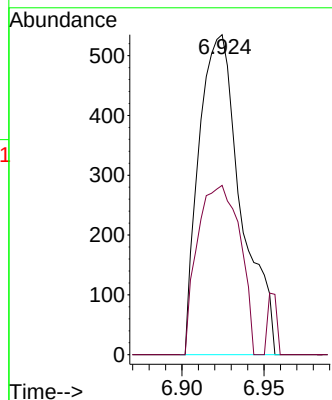
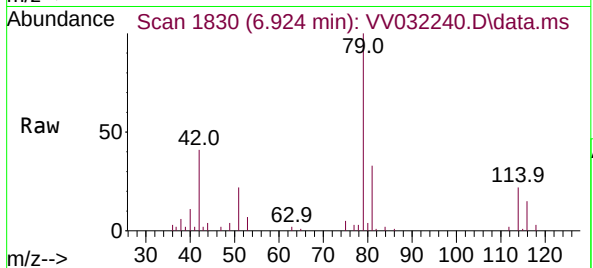
ClientSampleId :

Tgt Ion: 75 Resp: 950

Ion Ratio Lower Upper

75 100

77 52.9 22.2 41.2#



#47

Tetrachloroethene

Concen: 0.142 ug/L

RT: 7.921 min Scan# 2140

Delta R.T. 0.016 min

Lab File: VV032240.D

Acq: 04 Oct 2023 19:31

Tgt Ion: 164 Resp: 911

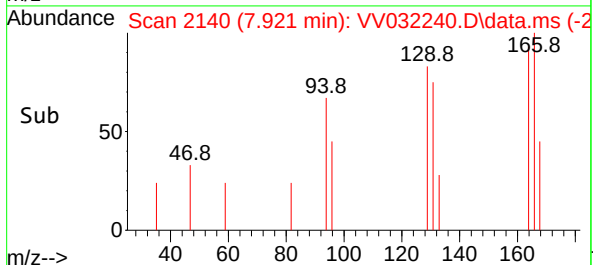
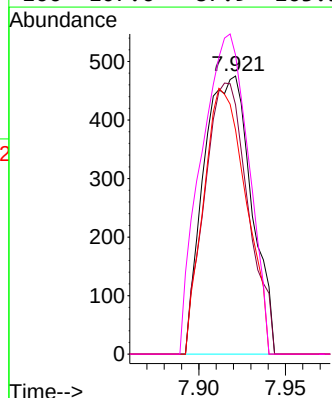
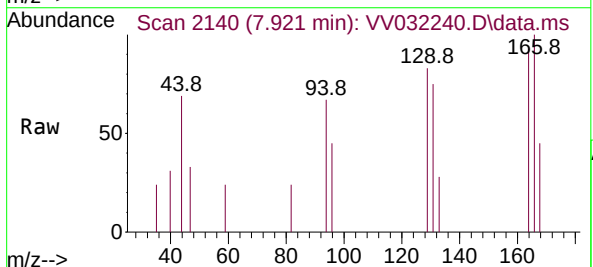
Ion Ratio Lower Upper

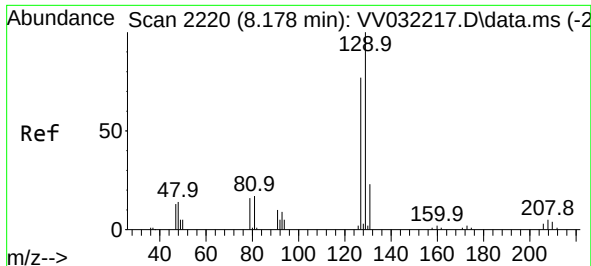
164 100

129 89.7 66.4 123.4

131 80.6 63.7 118.3

166 107.6 87.9 163.3





#49

Dibromochloromethane

Concen: 0.435 ug/L

RT: 8.185 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV032240.D

Acq: 04 Oct 2023 19:31

Instrument :

MSVOA_V

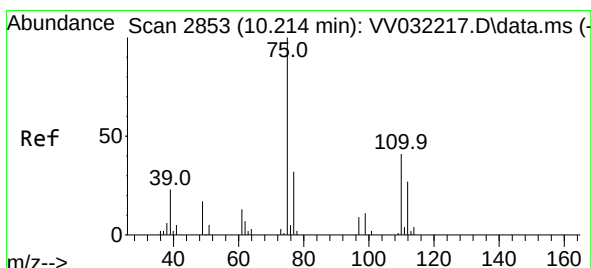
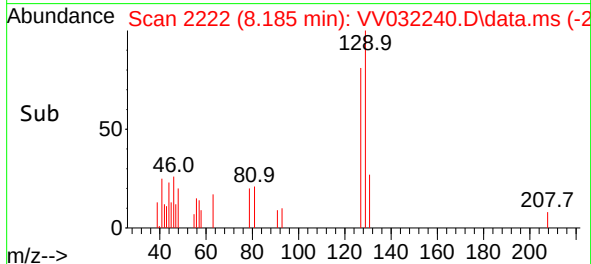
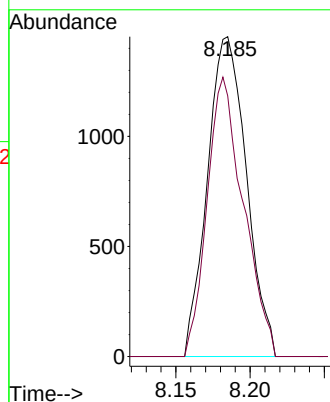
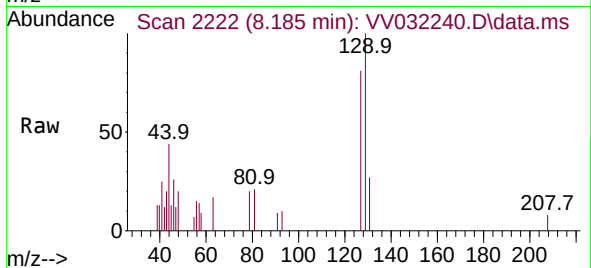
ClientSampleId :

Tgt Ion:129 Resp: 2654

Ion Ratio Lower Upper

129 100

127 81.5 57.2 106.2



#61

1,2,3-Trichloropropane

Concen: 1.249 ug/L

RT: 11.191 min Scan# 3157

Delta R.T. 0.978 min

Lab File: VV032240.D

Acq: 04 Oct 2023 19:31

Tgt Ion: 75 Resp: 5638

Ion Ratio Lower Upper

75 100

77 31.4 26.2 39.2

110 0.7 30.6 46.0#

