

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100523\
 Data File : VW032264.D
 Acq On : 05 Oct 2023 18:36
 Operator : SY/MD
 Sample : 04748-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 06 01:31:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 06 01:20:04 2023
 Response via : Initial Calibration

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

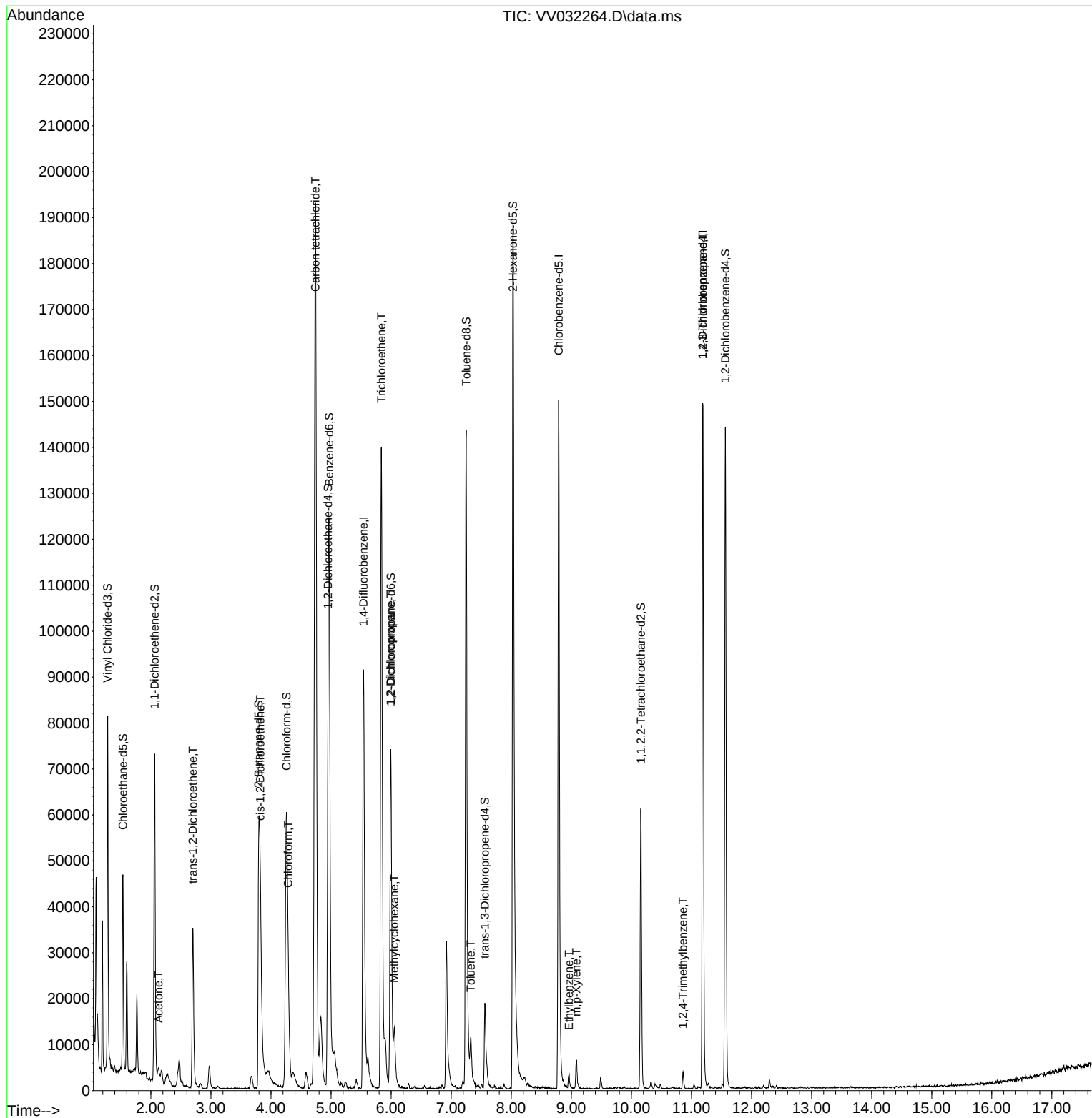
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	81570	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	85286	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	38499	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	29815	4.494	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.800%
7) Chloroethane-d5	1.535	69	27820	5.166	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.400%
11) 1,1-Dichloroethene-d2	2.063	65	12405	4.434	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	3.796	46	90939	54.189	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.380%
24) Chloroform-d	4.256	84	60356	5.157	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
26) 1,2-Dichloroethane-d4	4.950	65	30092	5.428	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.600%
32) Benzene-d6	4.966	84	115052	4.585	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	5.995	67	39278	4.724	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.249	98	101961	4.443	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	7.561	79	13431	4.559	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.030	63	71613	51.659	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.320%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	30811	5.298	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.000%
66) 1,2-Dichlorobenzene-d4	11.564	152	37740	5.283	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						
					Qvalue	
13) Acetone	2.127	43	2226	1.721	ug/L	90
18) trans-1,2-Dichloroethene	2.699	96	12248	1.787	ug/L	97
22) cis-1,2-Dichloroethene	3.822	96	12373	1.677	ug/L	95
25) Chloroform	4.285	83	21307	1.685	ug/L	97
31) Carbon tetrachloride	4.738	117	151329	15.424	ug/L	98
34) Trichloroethene	5.838	95	50375	6.145	ug/L	98
35) Methylcyclohexane	6.053	83	3908	0.308	ug/L #	73
37) 1,2-Dichloropropane	5.992	63	4340	0.540	ug/L #	87
42) Toluene	7.326	91	8162	0.255	ug/L	99
52) Ethylbenzene	8.960	91	2682	0.075	ug/L	98
53) m,p-Xylene	9.085	106	1960	0.148	ug/L	91
61) 1,2,3-Trichloropropane	11.188	75	4814	1.175	ug/L #	67
63) 1,2,4-Trimethylbenzene	10.857	105	2253	0.093	ug/L	98

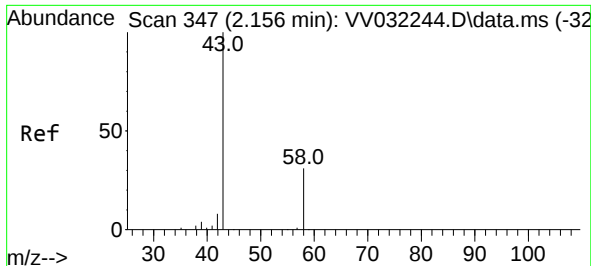
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 06 01:20:04 2023
Response via : Initial Calibration





#13

Acetone

Concen: 1.721 ug/L

RT: 2.127 min Scan# 31

Delta R.T. -0.029 min

Lab File: VV032264.D

Acq: 05 Oct 2023 18:36

Instrument :

MSVOA_V

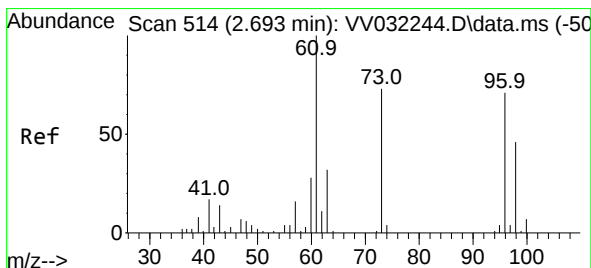
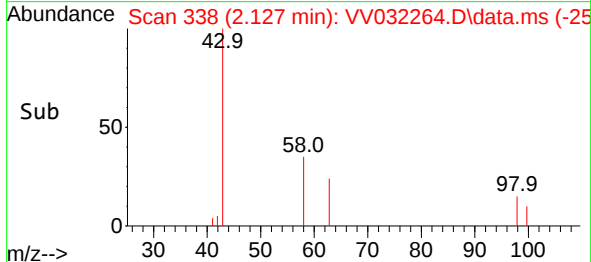
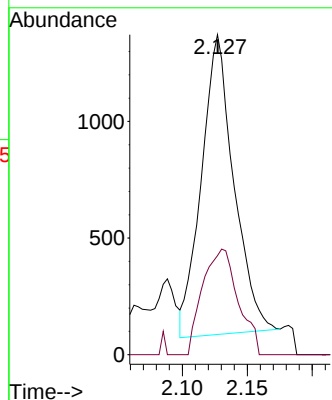
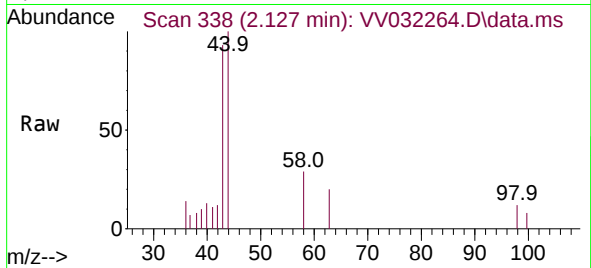
ClientSampleId :

Tgt Ion: 43 Resp: 2226

Ion Ratio Lower Upper

43 100

58 38.7 0.0 66.0



#18

trans-1,2-Dichloroethene

Concen: 1.787 ug/L

RT: 2.699 min Scan# 516

Delta R.T. 0.006 min

Lab File: VV032264.D

Acq: 05 Oct 2023 18:36

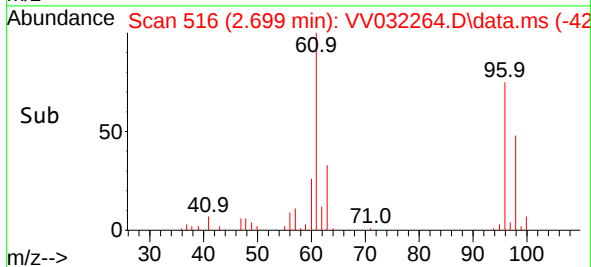
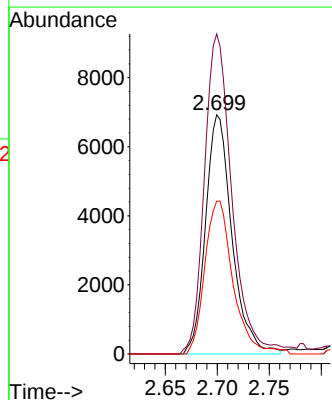
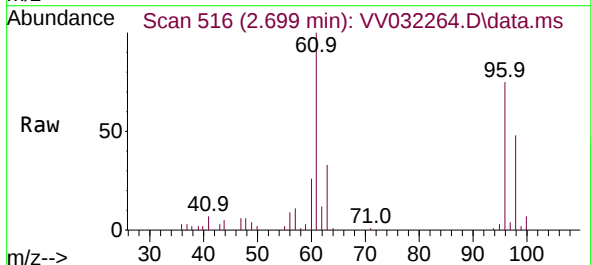
Tgt Ion: 96 Resp: 12248

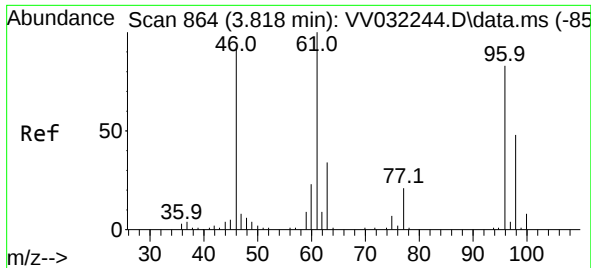
Ion Ratio Lower Upper

96 100

61 133.8 96.9 180.1

98 63.9 45.3 84.1





#22

cis-1,2-Dichloroethene

Concen: 1.677 ug/L

RT: 3.822 min Scan# 865

Delta R.T. 0.003 min

Lab File: VV032264.D

Acq: 05 Oct 2023 18:36

Instrument :

MSVOA_V

ClientSampleId :

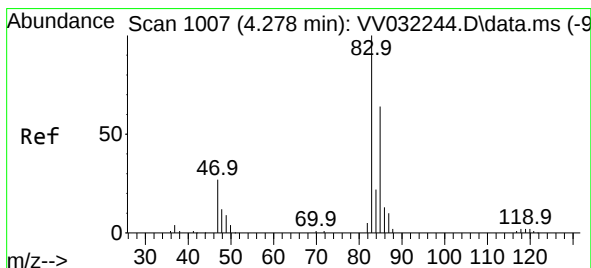
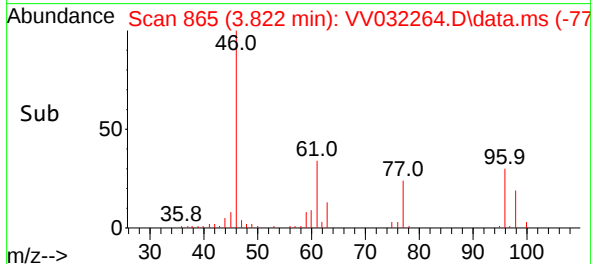
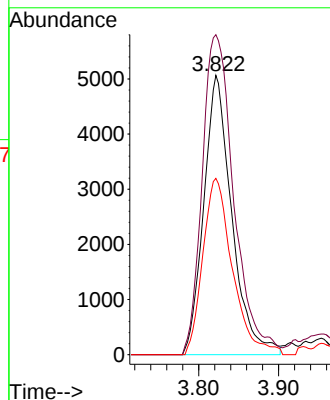
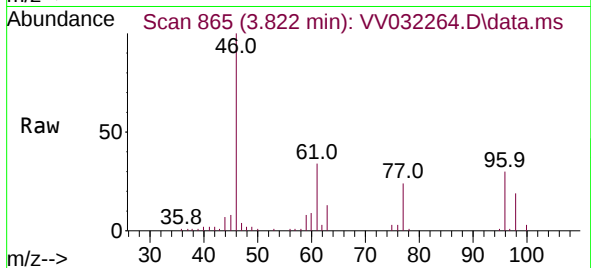
Tgt Ion: 96 Resp: 12373

Ion Ratio Lower Upper

96 100

61 114.6 85.8 159.4

98 63.1 44.0 81.6



#25

Chloroform

Concen: 1.685 ug/L

RT: 4.285 min Scan# 1009

Delta R.T. 0.006 min

Lab File: VV032264.D

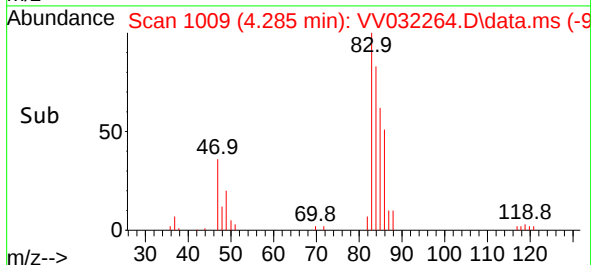
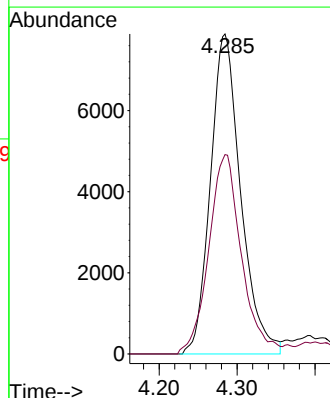
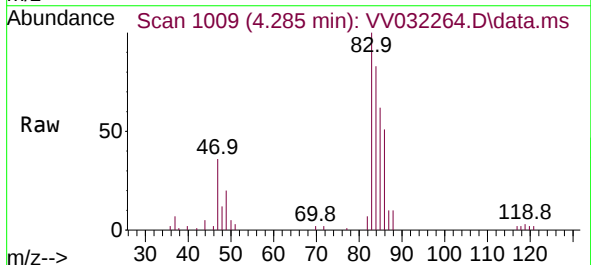
Acq: 05 Oct 2023 18:36

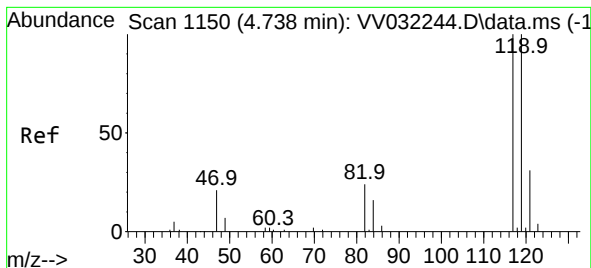
Tgt Ion: 83 Resp: 21307

Ion Ratio Lower Upper

83 100

85 62.3 45.4 84.4





#31

Carbon tetrachloride

Concen: 15.424 ug/L

RT: 4.738 min Scan# 1150

Delta R.T. 0.000 min

Lab File: VV032264.D

Acq: 05 Oct 2023 18:36

Instrument :

MSVOA_V

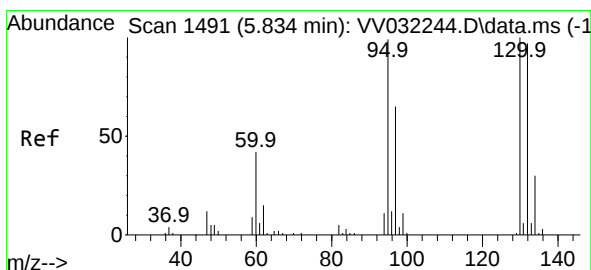
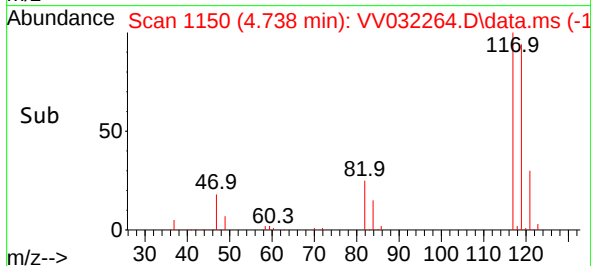
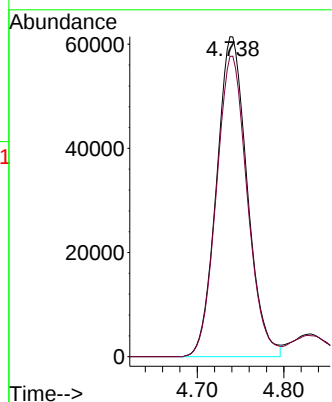
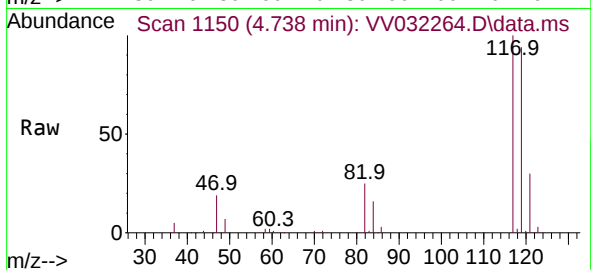
ClientSampleId :

Tgt Ion:117 Resp: 151329

Ion Ratio Lower Upper

117 100

119 94.8 77.6 116.4



#34

Trichloroethene

Concen: 6.145 ug/L

RT: 5.838 min Scan# 1492

Delta R.T. 0.003 min

Lab File: VV032264.D

Acq: 05 Oct 2023 18:36

Tgt Ion: 95 Resp: 50375

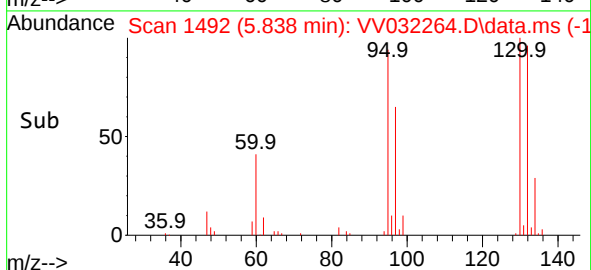
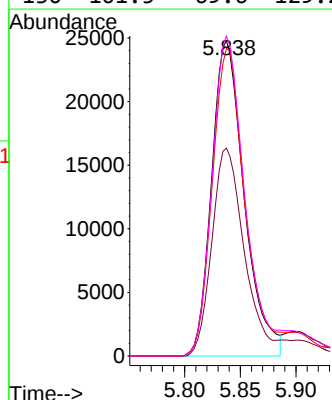
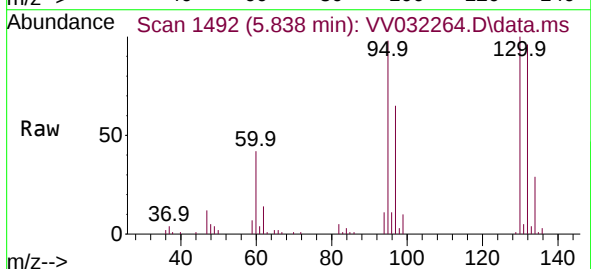
Ion Ratio Lower Upper

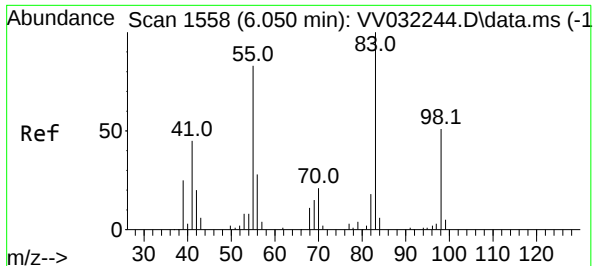
95 100

97 66.0 45.7 84.9

132 97.6 70.3 130.5

130 101.5 69.6 129.2





#35

Methylcyclohexane

Concen: 0.308 ug/L

RT: 6.053 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV032264.D

Acq: 05 Oct 2023 18:36

Instrument :

MSVOA_V

ClientSampleId :

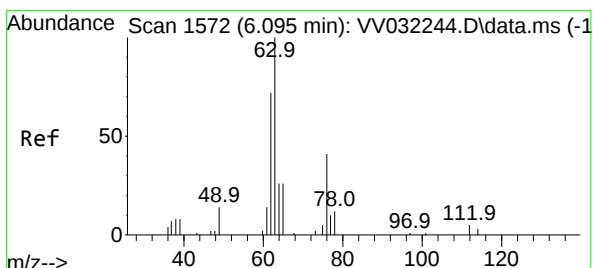
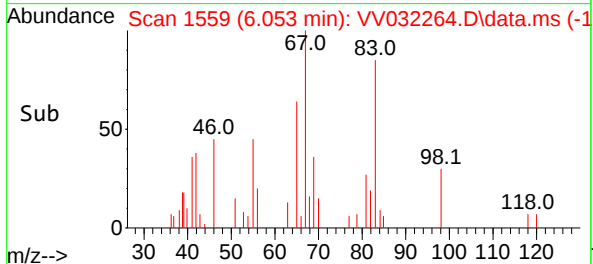
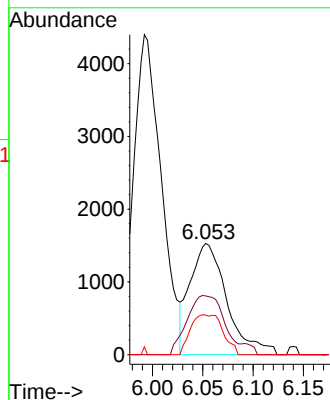
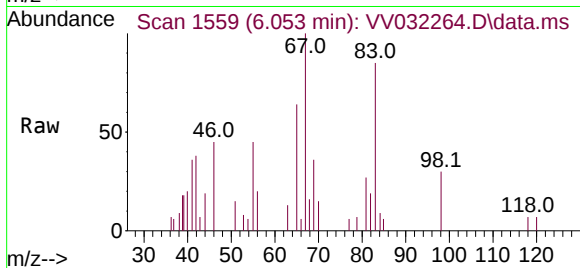
Tgt Ion: 83 Resp: 3908

Ion Ratio Lower Upper

83 100

55 55.8 64.2 96.2#

98 31.4 39.6 59.4#



#37

1,2-Dichloropropane

Concen: 0.540 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.103 min

Lab File: VV032264.D

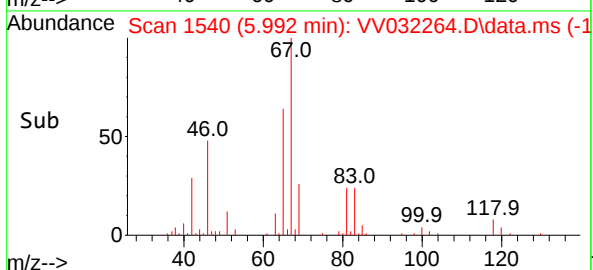
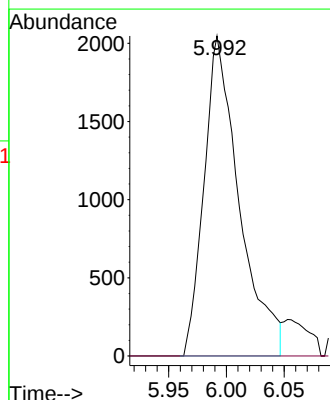
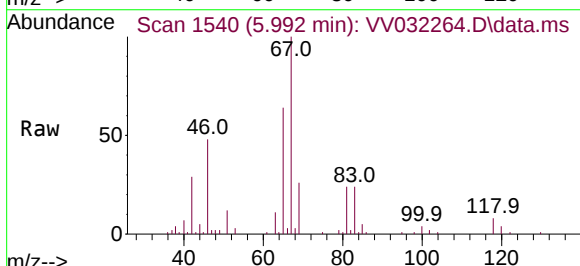
Acq: 05 Oct 2023 18:36

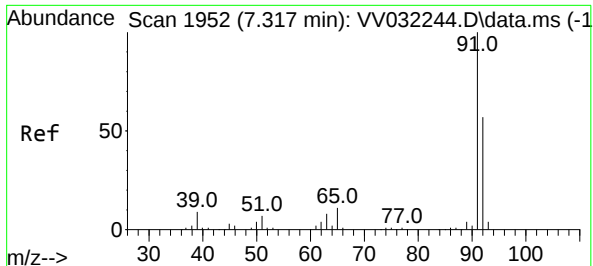
Tgt Ion: 63 Resp: 4340

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#





#42

Toluene

Concen: 0.255 ug/L

RT: 7.326 min Scan# 1955

Delta R.T. 0.010 min

Lab File: VV032264.D

Acq: 05 Oct 2023 18:36

Instrument :

MSVOA_V

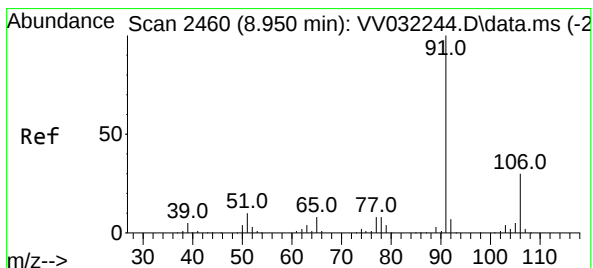
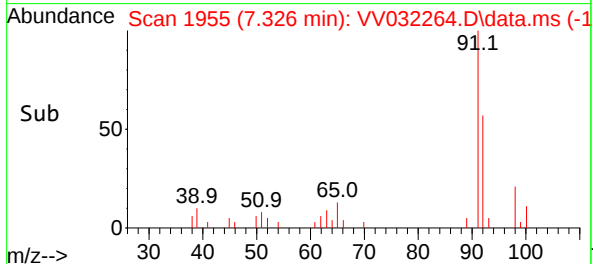
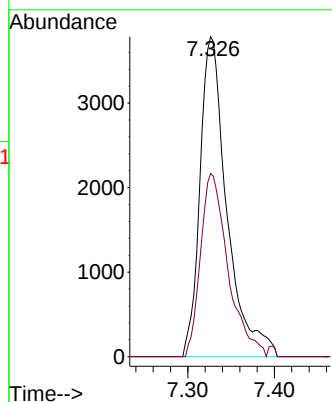
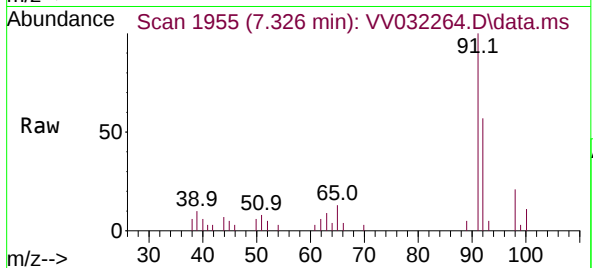
ClientSampleId :

Tgt Ion: 91 Resp: 8162

Ion Ratio Lower Upper

91 100

92 57.2 40.8 75.8



#52

Ethylbenzene

Concen: 0.075 ug/L

RT: 8.960 min Scan# 2463

Delta R.T. 0.010 min

Lab File: VV032264.D

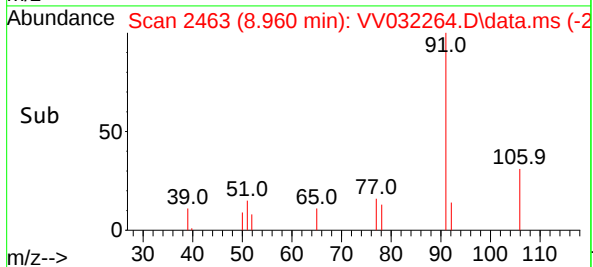
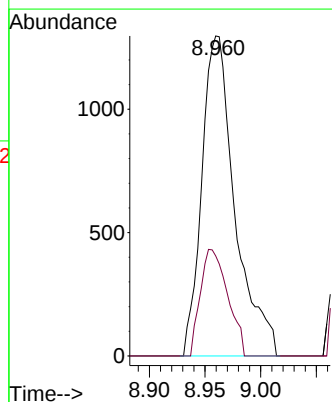
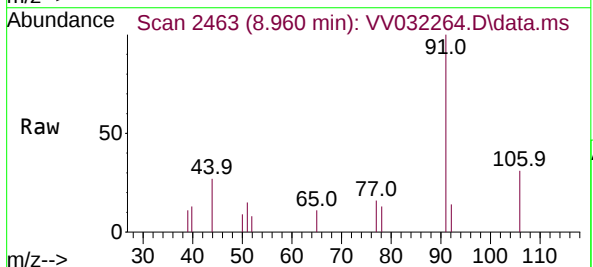
Acq: 05 Oct 2023 18:36

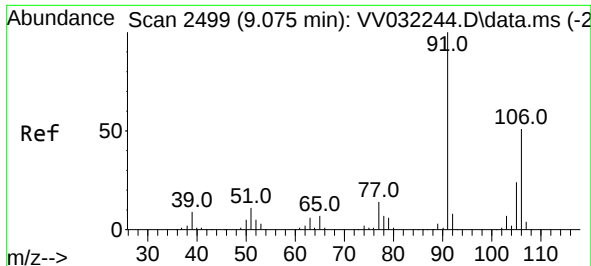
Tgt Ion: 91 Resp: 2682

Ion Ratio Lower Upper

91 100

106 31.2 21.3 39.5

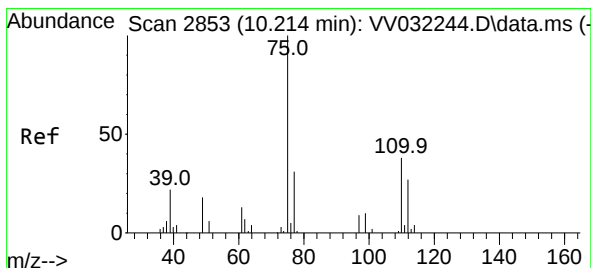
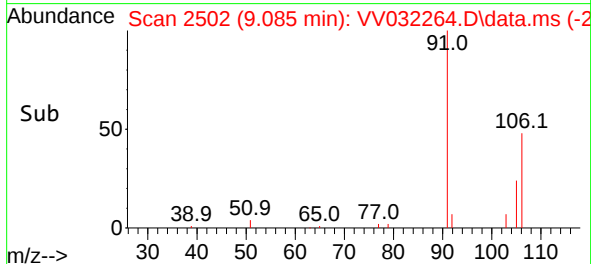
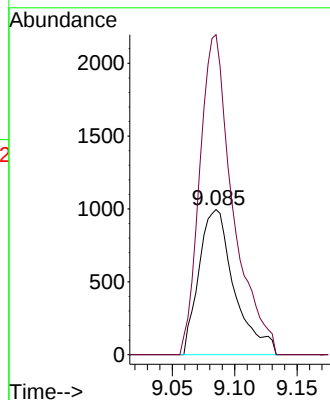
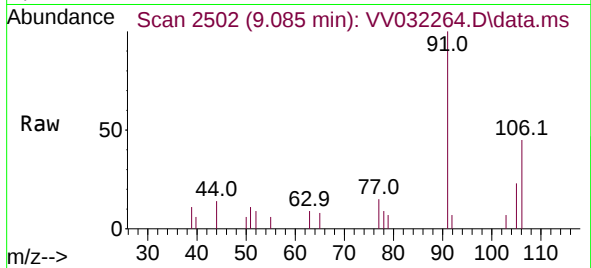




#53
 m,p-Xylene
 Concen: 0.148 ug/L
 RT: 9.085 min Scan# 21
 Delta R.T. 0.010 min
 Lab File: VV032264.D
 Acq: 05 Oct 2023 18:36

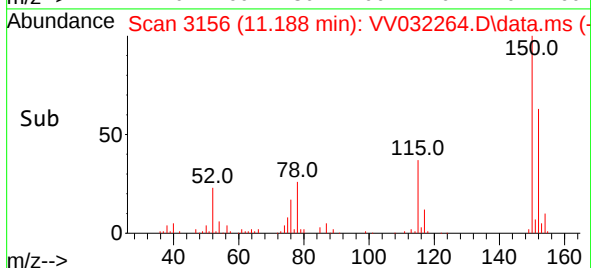
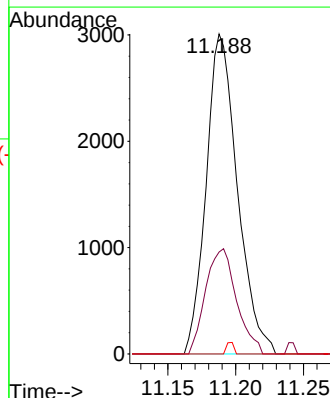
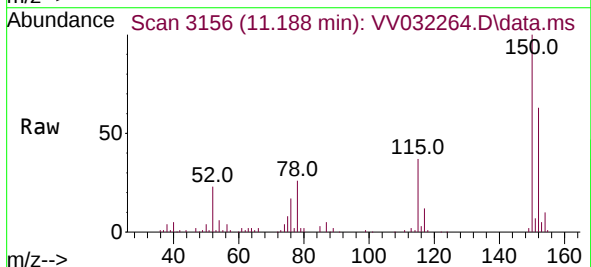
Instrument :
 MSVOA_V
 ClientSampleId :

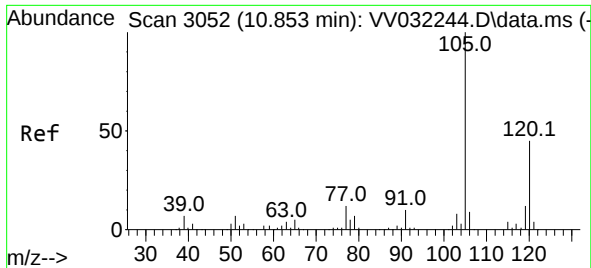
Tgt Ion:106 Resp: 1960
 Ion Ratio Lower Upper
 106 100
 91 220.5 144.5 268.3



#61
 1,2,3-Trichloropropane
 Concen: 1.175 ug/L
 RT: 11.188 min Scan# 3156
 Delta R.T. 0.974 min
 Lab File: VV032264.D
 Acq: 05 Oct 2023 18:36

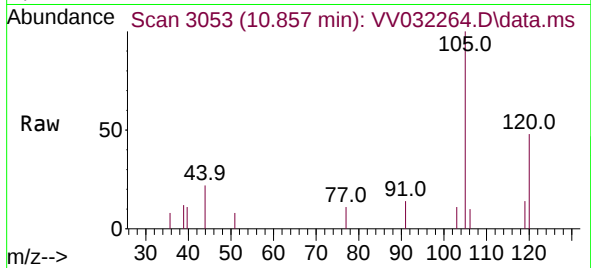
Tgt Ion: 75 Resp: 4814
 Ion Ratio Lower Upper
 75 100
 77 32.6 26.2 39.2
 110 0.9 30.6 46.0#





#63
 1,2,4-Trimethylbenzene
 Concen: 0.093 ug/L
 RT: 10.857 min Scan# 3053
 Delta R.T. 0.003 min
 Lab File: VV032264.D
 Acq: 05 Oct 2023 18:36

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:105 Resp: 2253
 Ion Ratio Lower Upper
 105 100
 120 46.9 36.2 54.4

