

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101823\
 Data File : VW032473.D
 Acq On : 18 Oct 2023 15:57
 Operator : SY/MD
 Sample : 04944-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 19 04:33:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 19 04:26:22 2023
 Response via : Initial Calibration

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

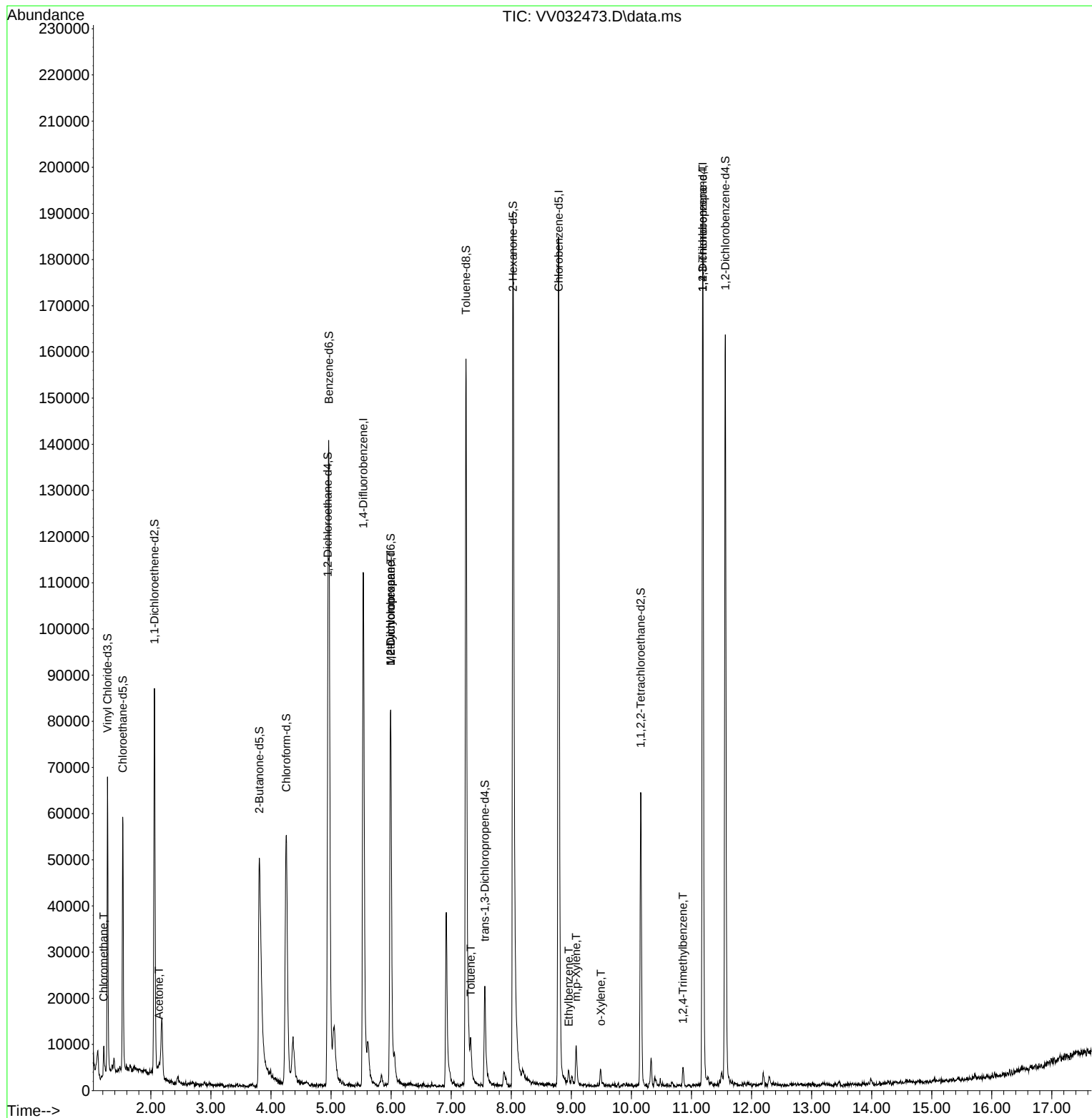
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	94459	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	106796	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	47792	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	40465	5.267	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.400%
7) Chloroethane-d5	1.532	69	34164	5.479	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.600%
11) 1,1-Dichloroethene-d2	2.060	65	14262	4.402	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.000%
20) 2-Butanone-d5	3.805	46	83862	43.153	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.300%
24) Chloroform-d	4.252	84	58897	4.346	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	4.947	65	29820	4.645	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	4.963	84	126574	4.028	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
36) 1,2-Dichloropropane-d6	5.992	67	40584	3.898	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.000%
41) Toluene-d8	7.246	98	113105	3.936	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.800%
43) trans-1,3-Dichloroprop...	7.561	79	13917	3.772	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.400%
46) 2-Hexanone-d5	8.030	63	71835	41.382	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.760%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	31275	4.295	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	40018	4.512	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%
Target Compounds						
3) Chloromethane	1.217	50	3958	0.373	ug/L	98
13) Acetone	2.137	43	3452	2.305	ug/L	75
35) Methylcyclohexane	5.992	83	10739	0.676	ug/L #	17
37) 1,2-Dichloropropane	5.992	63	4793	0.477	ug/L #	89
42) Toluene	7.326	91	5296	0.132	ug/L	93
52) Ethylbenzene	8.956	91	1991	0.045	ug/L	98
53) m,p-Xylene	9.082	106	2341	0.141	ug/L	99
54) o-Xylene	9.490	106	986	0.062	ug/L	99
61) 1,2,3-Trichloropropane	11.188	75	6245	1.228	ug/L #	68
63) 1,2,4-Trimethylbenzene	10.860	105	2143	0.071	ug/L	99

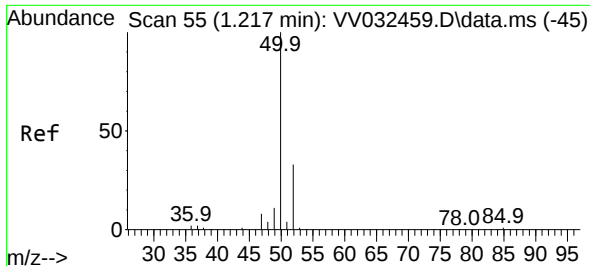
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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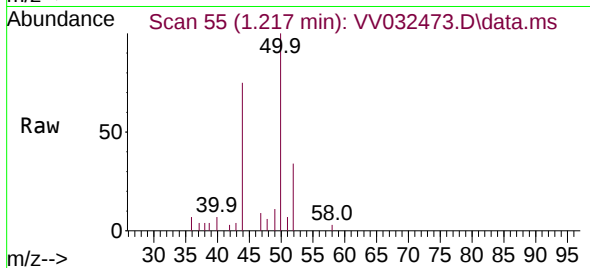
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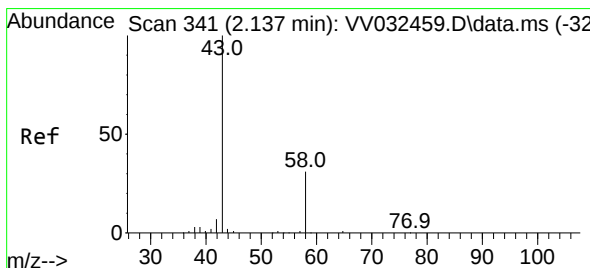
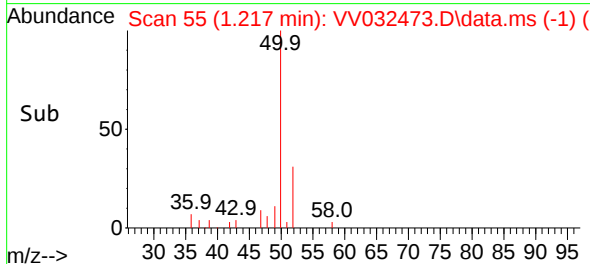
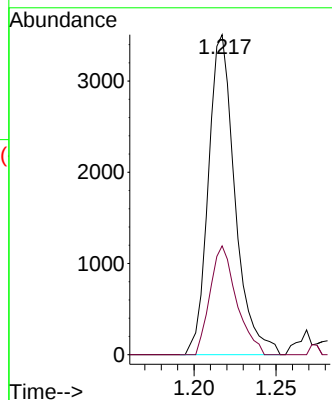


#3
Chloromethane
Concen: 0.373 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV032473.D
Acq: 18 Oct 2023 15:57

Instrument :
MSVOA_V
ClientSampleId :

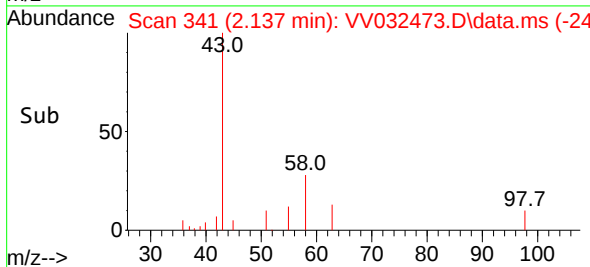
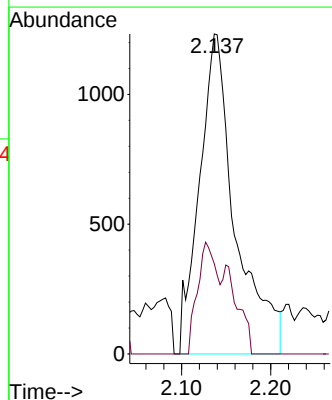
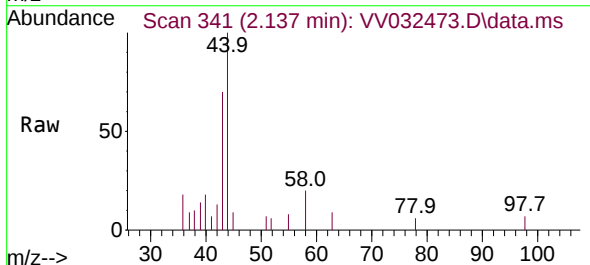


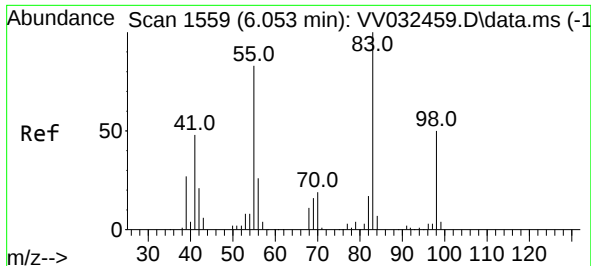
Tgt Ion: 50 Resp: 3958
Ion Ratio Lower Upper
50 100
52 34.0 23.0 42.6



#13
Acetone
Concen: 2.305 ug/L
RT: 2.137 min Scan# 341
Delta R.T. 0.000 min
Lab File: VV032473.D
Acq: 18 Oct 2023 15:57

Tgt Ion: 43 Resp: 3452
Ion Ratio Lower Upper
43 100
58 18.9 0.0 66.0





#35

Methylcyclohexane

Concen: 0.676 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.061 min

Lab File: VV032473.D

Acq: 18 Oct 2023 15:57

Instrument :

MSVOA_V

ClientSampleId :

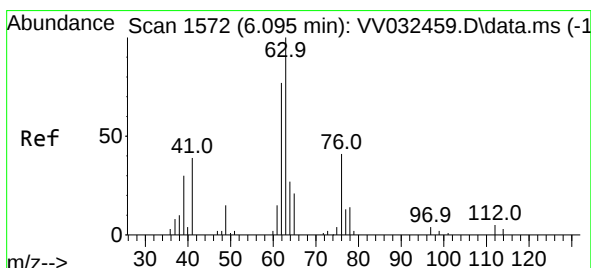
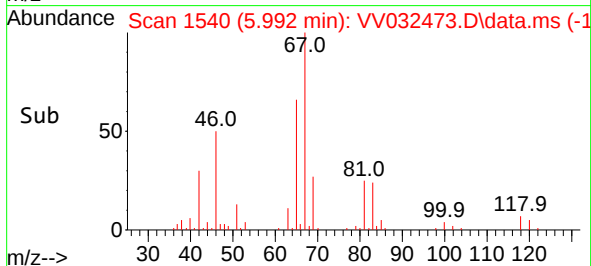
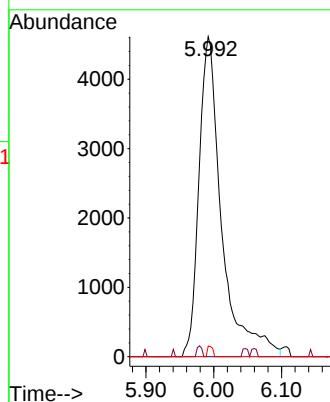
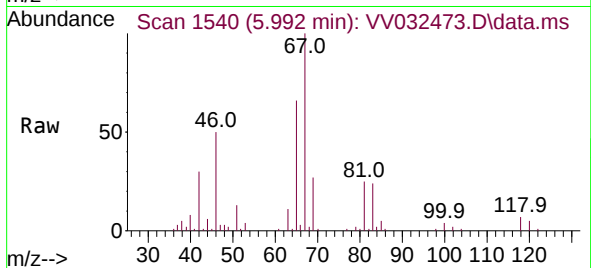
Tgt Ion: 83 Resp: 10739

Ion Ratio Lower Upper

83 100

55 0.7 64.2 96.2#

98 0.8 39.6 59.4#



#37

1,2-Dichloropropane

Concen: 0.477 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.103 min

Lab File: VV032473.D

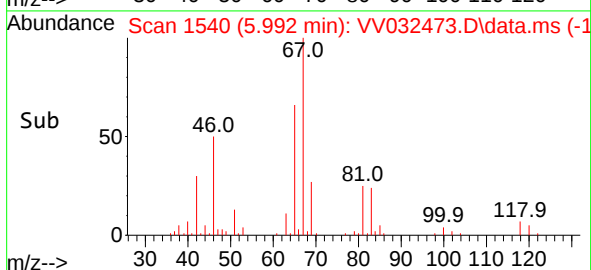
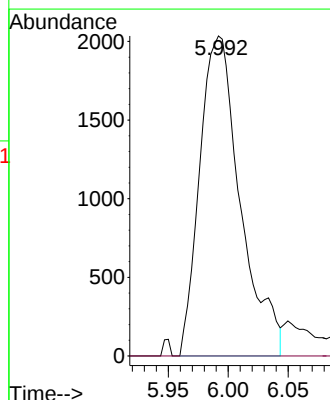
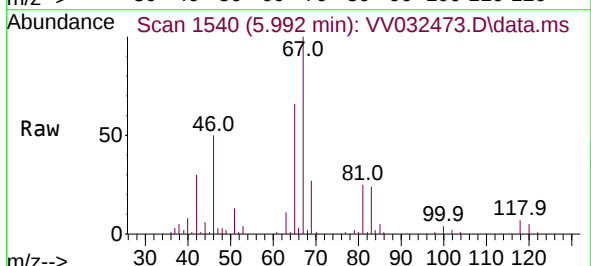
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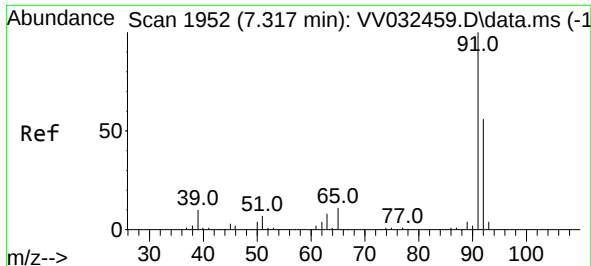
Tgt Ion: 63 Resp: 4793

Ion Ratio Lower Upper

63 100

112 0.8 3.4 5.2#





#42

Toluene

Concen: 0.132 ug/L

RT: 7.326 min Scan# 1955

Delta R.T. 0.010 min

Lab File: VV032473.D

Acq: 18 Oct 2023 15:57

Instrument :

MSVOA_V

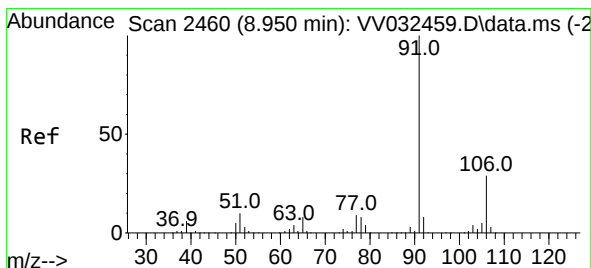
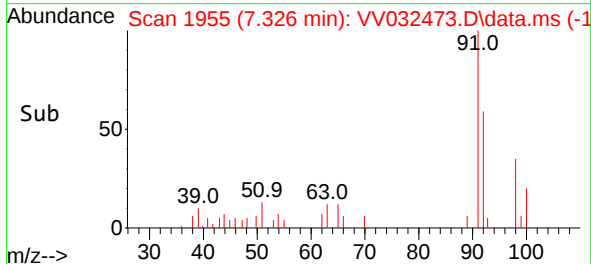
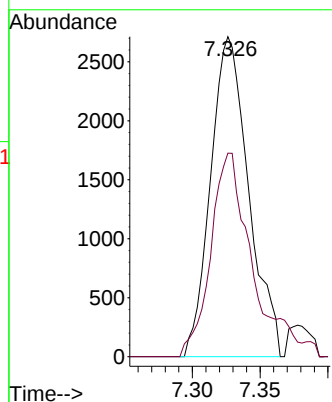
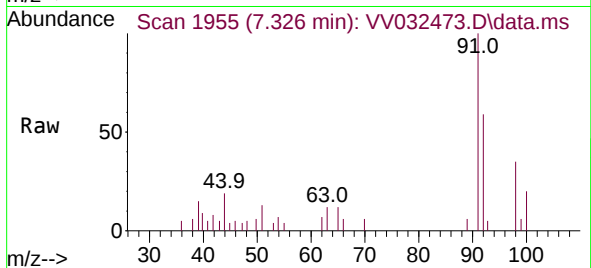
ClientSampleId :

Tgt Ion: 91 Resp: 5296

Ion Ratio Lower Upper

91 100

92 63.6 40.8 75.8



#52

Ethylbenzene

Concen: 0.045 ug/L

RT: 8.956 min Scan# 2462

Delta R.T. 0.006 min

Lab File: VV032473.D

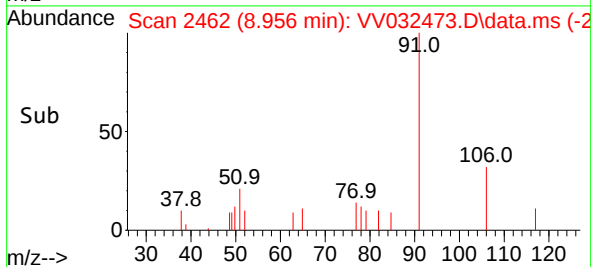
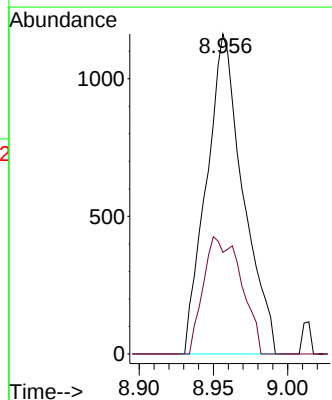
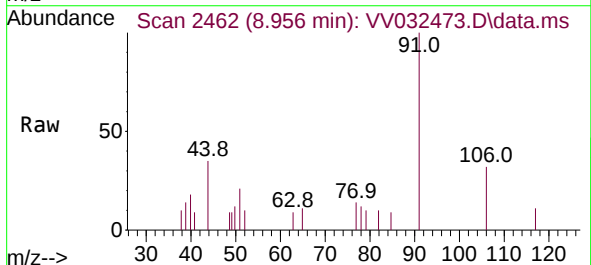
Acq: 18 Oct 2023 15:57

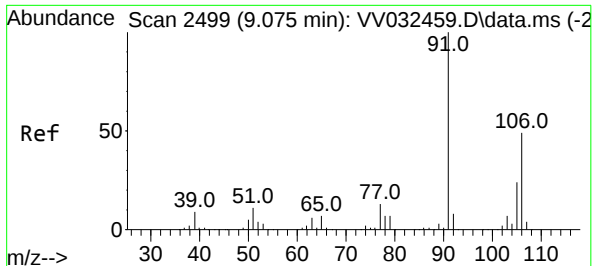
Tgt Ion: 91 Resp: 1991

Ion Ratio Lower Upper

91 100

106 31.7 21.3 39.5





#53

m,p-Xylene

Concen: 0.141 ug/L

RT: 9.082 min Scan# 2

Delta R.T. 0.006 min

Lab File: VV032473.D

Acq: 18 Oct 2023 15:57

Instrument :

MSVOA_V

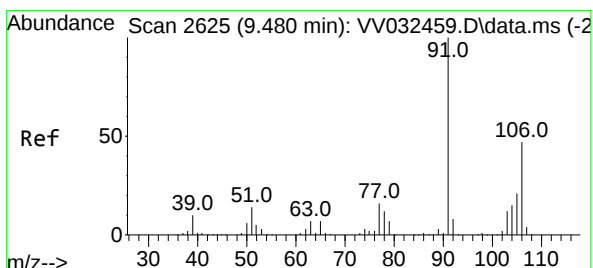
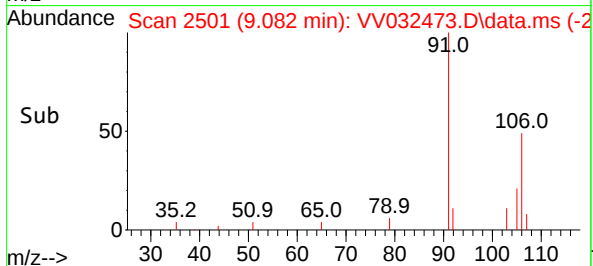
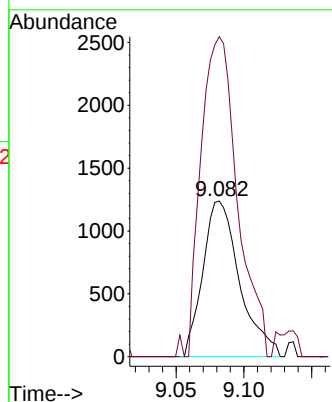
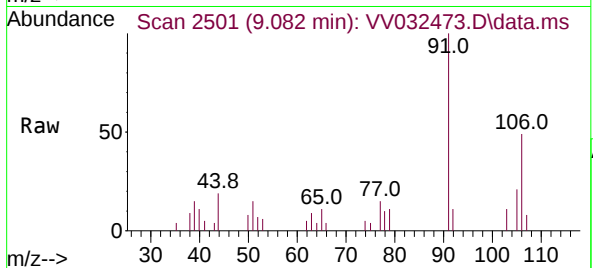
ClientSampleId :

Tgt Ion:106 Resp: 2341

Ion Ratio Lower Upper

106 100

91 205.5 144.5 268.3



#54

o-Xylene

Concen: 0.062 ug/L

RT: 9.490 min Scan# 2628

Delta R.T. 0.010 min

Lab File: VV032473.D

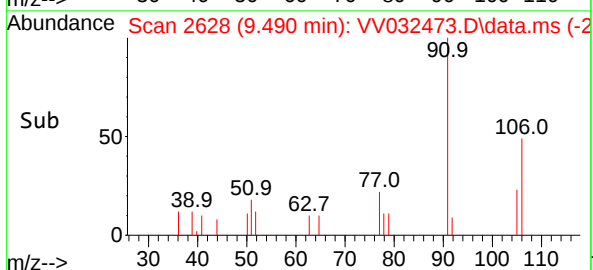
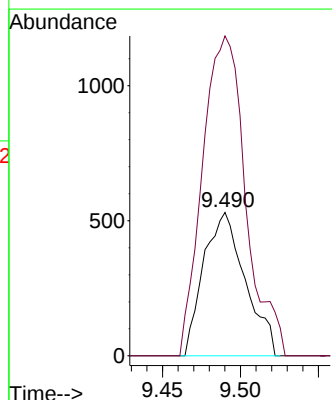
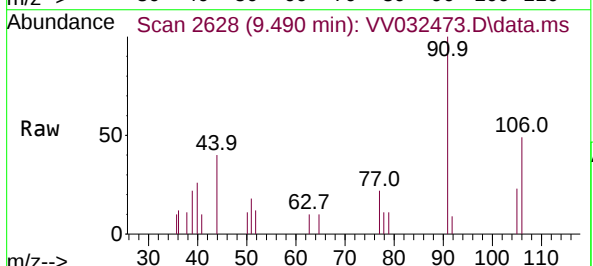
Acq: 18 Oct 2023 15:57

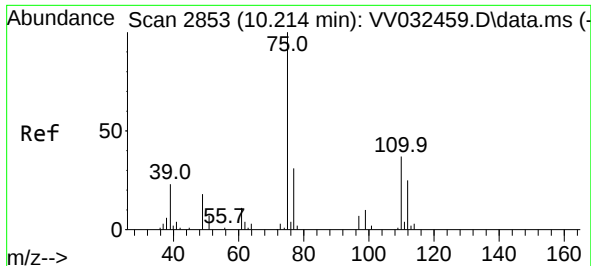
Tgt Ion:106 Resp: 986

Ion Ratio Lower Upper

106 100

91 223.0 154.8 287.4





#61

1,2,3-Trichloropropane

Concen: 1.228 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.974 min

Lab File: VV032473.D

Acq: 18 Oct 2023 15:57

Instrument :

MSVOA_V

ClientSampleId :

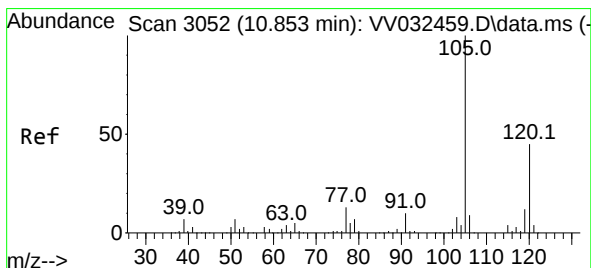
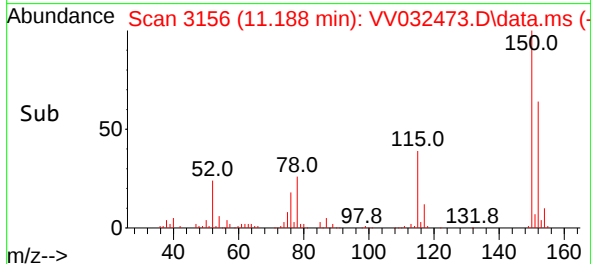
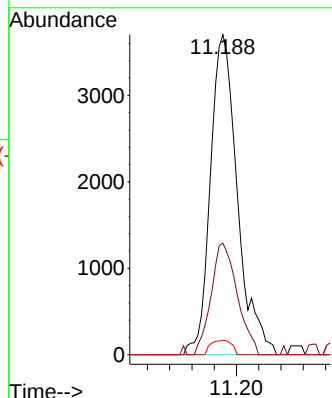
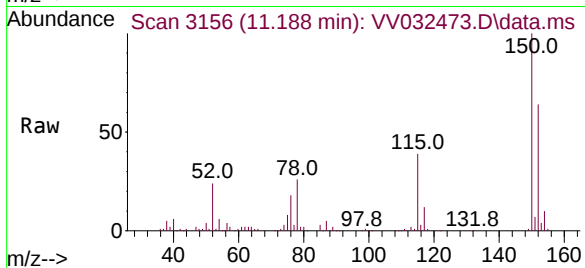
Tgt Ion: 75 Resp: 6245

Ion Ratio Lower Upper

75 100

77 33.8 26.2 39.2

110 3.5 30.6 46.0#



#63

1,2,4-Trimethylbenzene

Concen: 0.071 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. 0.006 min

Lab File: VV032473.D

Acq: 18 Oct 2023 15:57

Tgt Ion: 105 Resp: 2143

Ion Ratio Lower Upper

105 100

120 46.2 36.2 54.4

