

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020724\
 Data File : VW034031.D
 Acq On : 07 Feb 2024 15:18
 Operator : SY/MD
 Sample : P1383-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 08 04:50:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 08 04:46:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	82412	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	79441	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	39989	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	22920	3.591	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.800%
7) Chloroethane-d5	1.532	69	21584	3.861	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.200%
11) 1,1-Dichloroethene-d2	2.060	65	12509	4.064	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.200%
20) 2-Butanone-d5	3.796	46	51994	48.505	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.000%
24) Chloroform-d	4.252	84	51459	4.437	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	4.947	65	26815	4.947	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	4.963	84	96814	4.062	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.200%
36) 1,2-Dichloropropane-d6	5.992	67	29449	4.420	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.246	98	89698	4.095	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	7.561	79	10063	4.000	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.000%
46) 2-Hexanone-d5	8.024	63	47059	52.401	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.800%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	18897	4.679	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	32946	4.530	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.600%
Target Compounds						
					Qvalue	
13) Acetone	2.127	43	4663	5.734	ug/L #	52
15) Methyl Acetate	2.474	43	8351	4.339	ug/L #	53
18) trans-1,2-Dichloroethene	2.699	96	2479	0.423	ug/L	97
22) cis-1,2-Dichloroethene	3.818	96	14861	2.234	ug/L	96
30) Cyclohexane	4.590	56	5343	0.515	ug/L	96
33) Benzene	5.014	78	16793	0.705	ug/L	100
34) Trichloroethene	5.841	95	7136	1.035	ug/L	98
35) Methylcyclohexane	6.050	83	6520	0.602	ug/L	98
37) 1,2-Dichloropropane	5.995	63	3590	0.622	ug/L #	87
42) Toluene	7.320	91	60860	2.390	ug/L	96
44) trans-1,3-Dichloropropene	7.561	75	564	0.084	ug/L	97
49) Dibromochloromethane	7.915	129	427	0.101	ug/L #	11
52) Ethylbenzene	8.953	91	12782	0.436	ug/L	96
53) m,p-Xylene	9.079	106	5575	0.503	ug/L	94
54) o-Xylene	9.487	106	2734	0.256	ug/L	89
61) 1,2,3-Trichloropropane	11.185	75	4871	1.772	ug/L #	60
63) 1,2,4-Trimethylbenzene	10.857	105	5837	0.240	ug/L	98

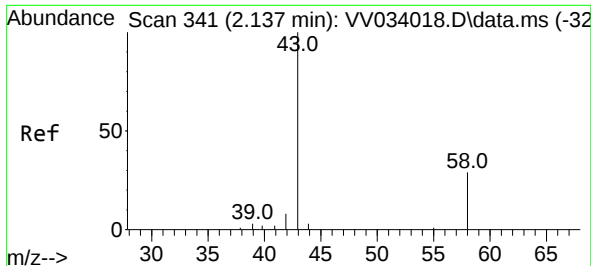
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020724\
Data File : VV034031.D
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Feb 08 04:46:29 2024
Response via : Initial Calibration

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

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



#13

Acetone

Concen: 5.734 ug/L

RT: 2.127 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV034031.D

Acq: 07 Feb 2024 15:18

Instrument :

MSVOA_V

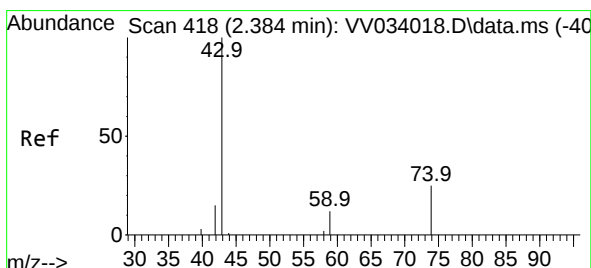
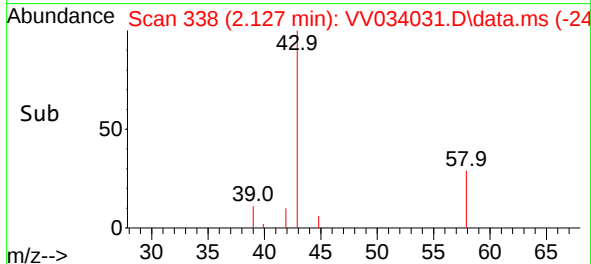
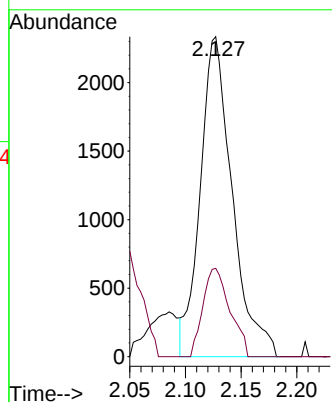
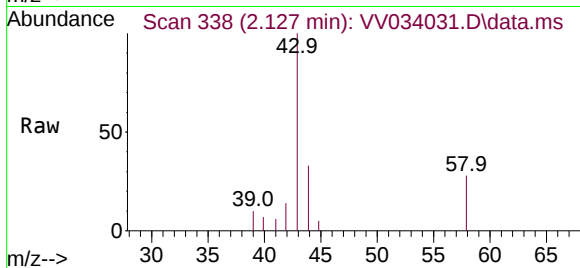
ClientSampleId :

Tgt Ion: 43 Resp: 4663

Ion Ratio Lower Upper

43 100

58 23.3 0.0 13.8#



#15

Methyl Acetate

Concen: 4.339 ug/L

RT: 2.474 min Scan# 446

Delta R.T. 0.090 min

Lab File: VV034031.D

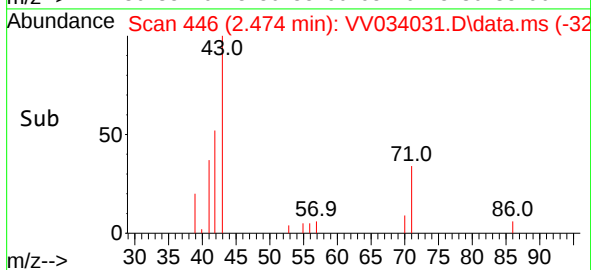
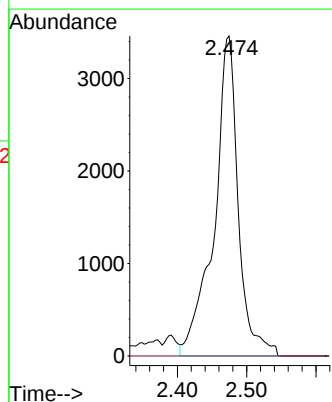
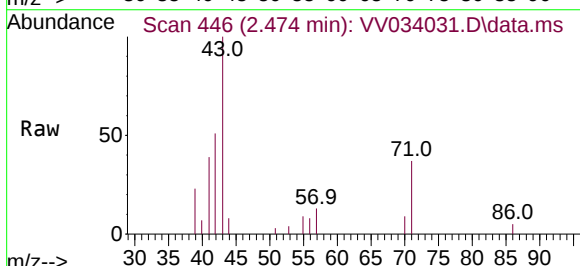
Acq: 07 Feb 2024 15:18

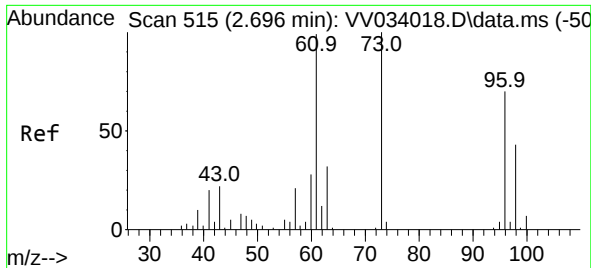
Tgt Ion: 43 Resp: 8351

Ion Ratio Lower Upper

43 100

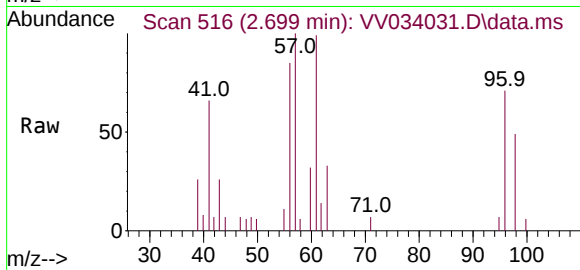
74 0.0 18.2 27.4#





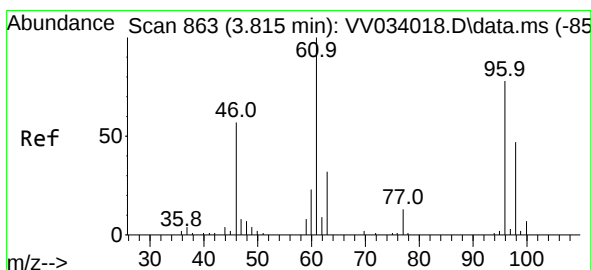
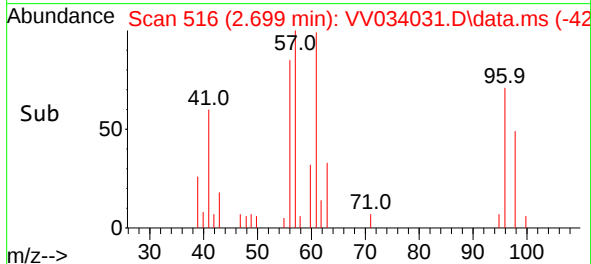
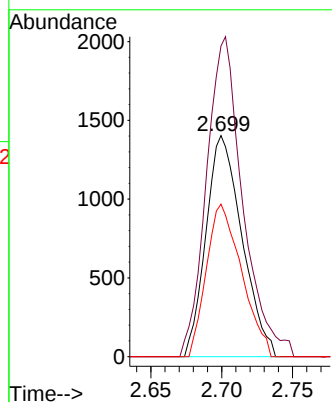
#18
trans-1,2-Dichloroethene
Concen: 0.423 ug/L
RT: 2.699 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV034031.D
Acq: 07 Feb 2024 15:18

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 2479

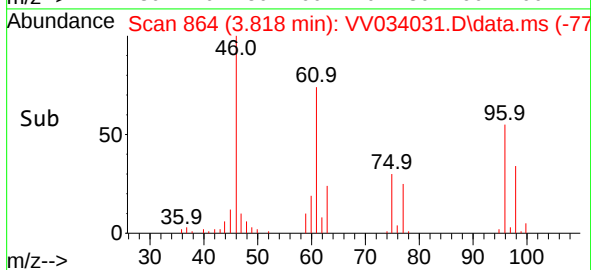
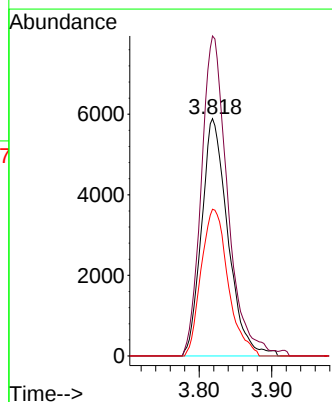
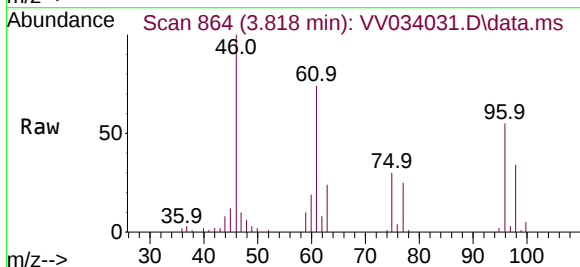
Ion	Ratio	Lower	Upper
96	100		
61	140.6	97.6	181.4
98	69.0	44.4	82.5

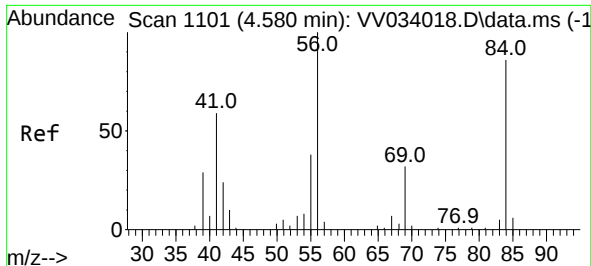


#22
cis-1,2-Dichloroethene
Concen: 2.234 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.003 min
Lab File: VV034031.D
Acq: 07 Feb 2024 15:18

Tgt Ion: 96 Resp: 14861

Ion	Ratio	Lower	Upper
96	100		
61	134.9	90.3	167.7
98	61.8	43.2	80.2





#30

Cyclohexane

Concen: 0.515 ug/L

RT: 4.590 min Scan# 1101

Delta R.T. 0.010 min

Lab File: VV034031.D

Acq: 07 Feb 2024 15:18

Instrument :

MSVOA_V

ClientSampleId :

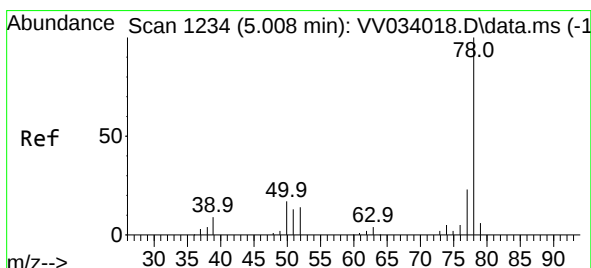
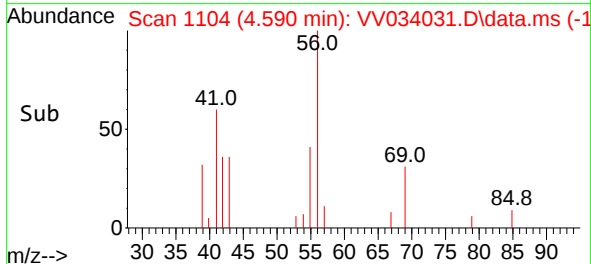
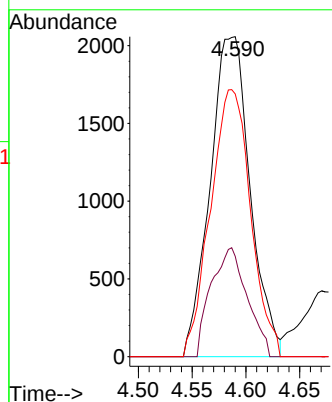
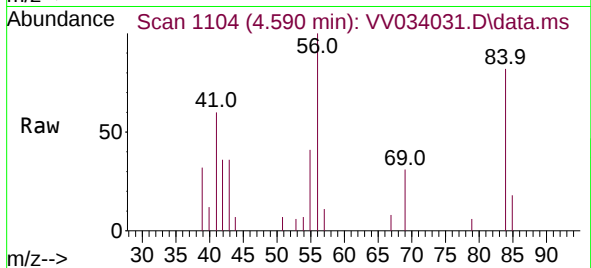
Tgt Ion: 56 Resp: 5343

Ion Ratio Lower Upper

56 100

69 30.6 24.2 36.2

84 83.3 70.0 105.0



#33

Benzene

Concen: 0.705 ug/L

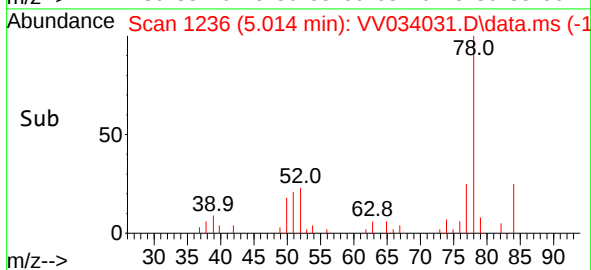
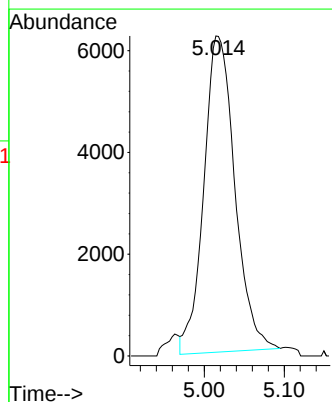
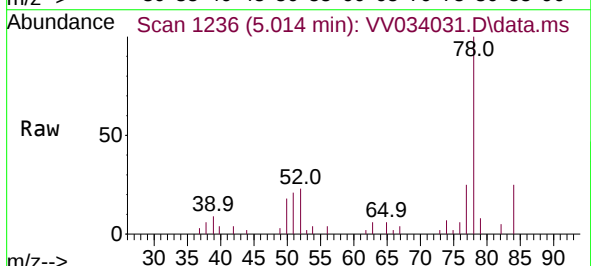
RT: 5.014 min Scan# 1236

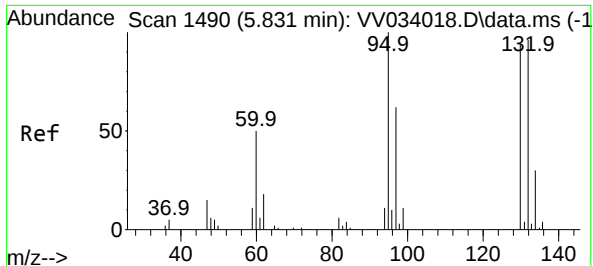
Delta R.T. 0.007 min

Lab File: VV034031.D

Acq: 07 Feb 2024 15:18

Tgt Ion: 78 Resp: 16793





#34

Trichloroethene

Concen: 1.035 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.010 min

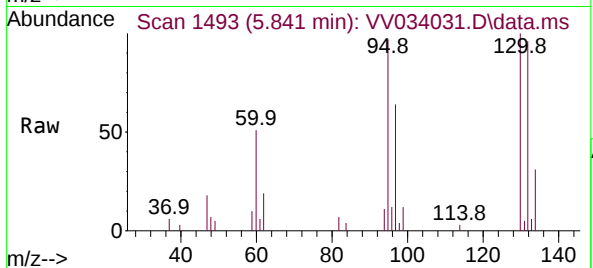
Lab File: VV034031.D

Acq: 07 Feb 2024 15:18

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 7136

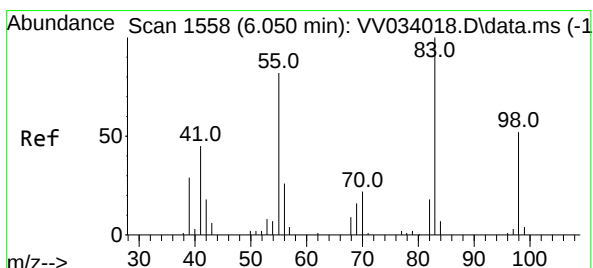
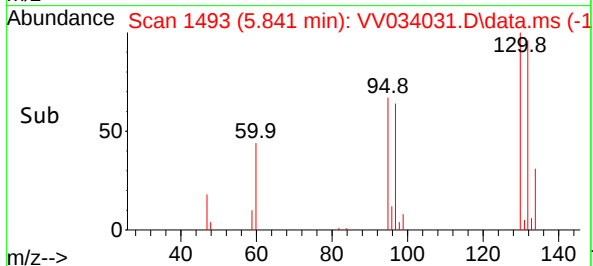
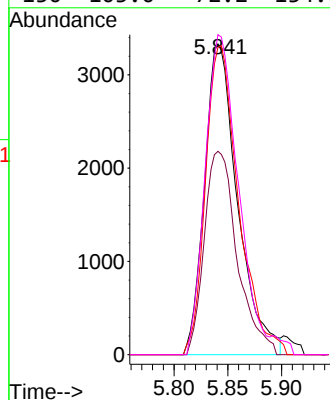
Ion Ratio Lower Upper

95 100

97 65.4 45.1 83.7

132 98.9 66.0 122.6

130 103.0 72.2 134.0



#35

Methylcyclohexane

Concen: 0.602 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.000 min

Lab File: VV034031.D

Acq: 07 Feb 2024 15:18

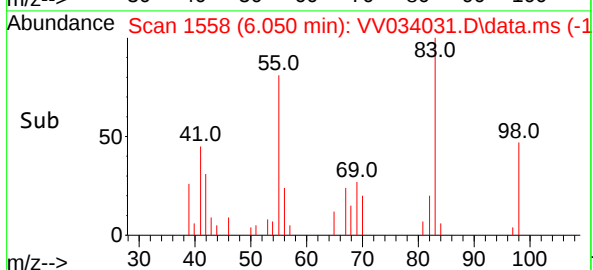
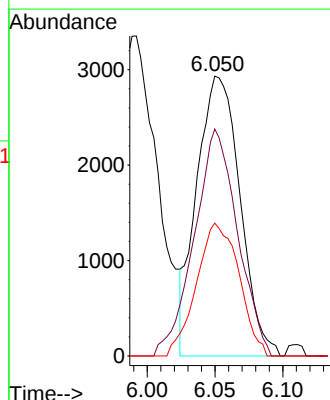
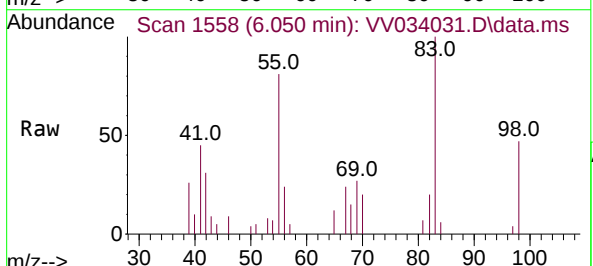
Tgt Ion: 83 Resp: 6520

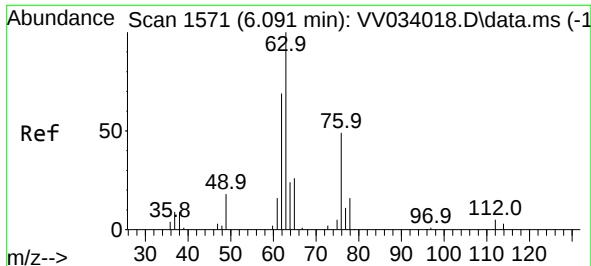
Ion Ratio Lower Upper

83 100

55 80.9 63.5 95.3

98 46.5 39.0 58.4





#37

1,2-Dichloropropane

Concen: 0.622 ug/L

RT: 5.995 min Scan# 11

Delta R.T. -0.096 min

Lab File: VV034031.D

Acq: 07 Feb 2024 15:18

Instrument :

MSVOA_V

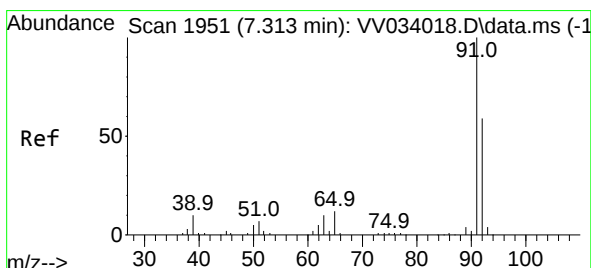
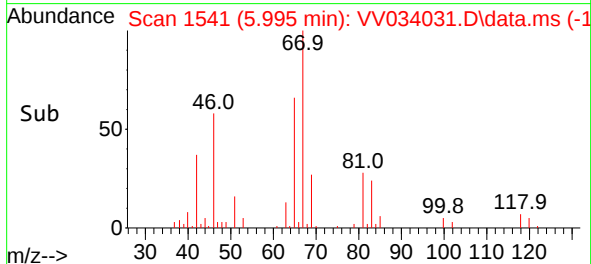
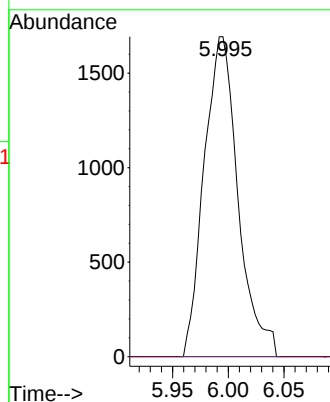
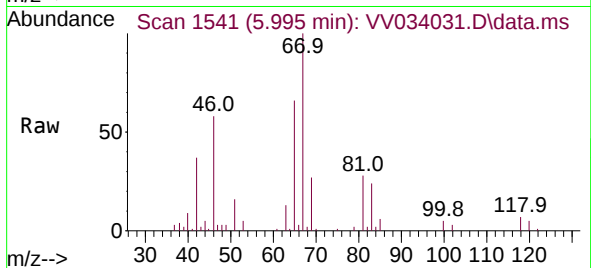
ClientSampleId :

Tgt Ion: 63 Resp: 3590

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#42

Toluene

Concen: 2.390 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. 0.007 min

Lab File: VV034031.D

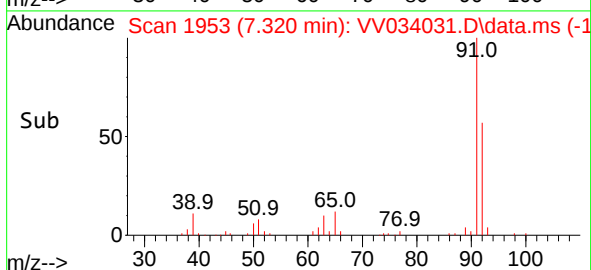
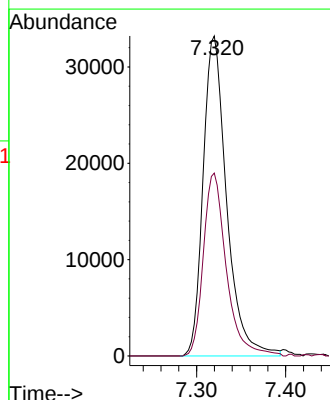
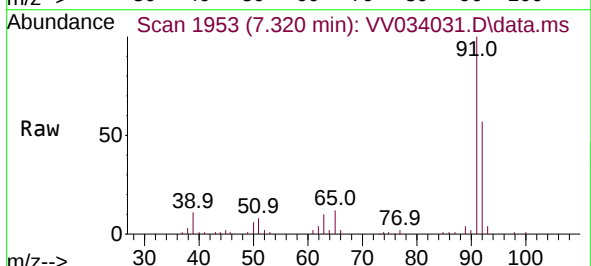
Acq: 07 Feb 2024 15:18

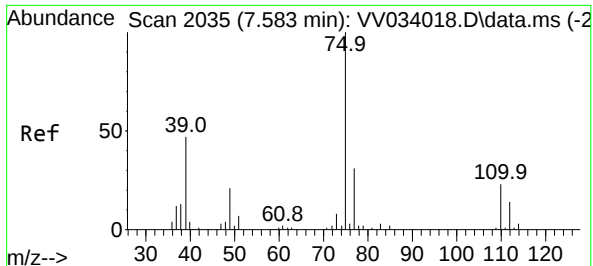
Tgt Ion: 91 Resp: 60860

Ion Ratio Lower Upper

91 100

92 57.1 42.1 78.3

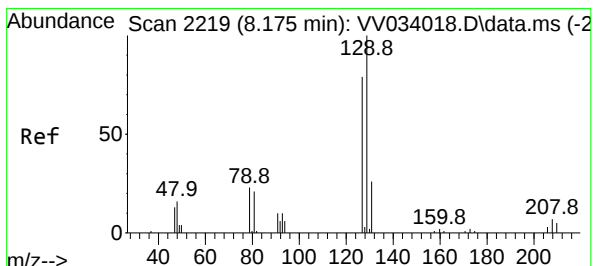
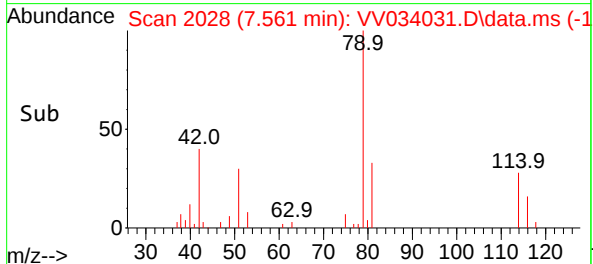
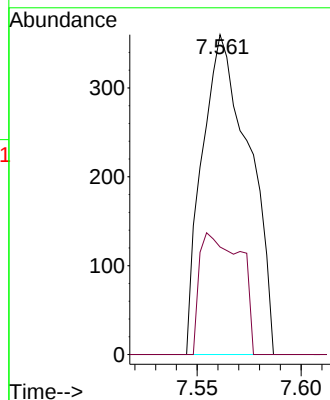
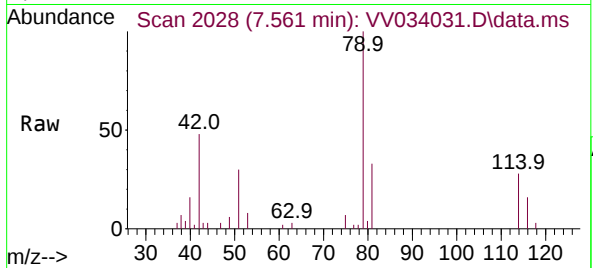




#44
trans-1,3-Dichloropropene
Concen: 0.084 ug/L
RT: 7.561 min Scan# 2138
Delta R.T. -0.022 min
Lab File: VV034031.D
Acq: 07 Feb 2024 15:18

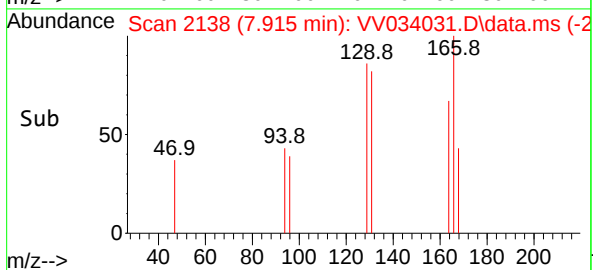
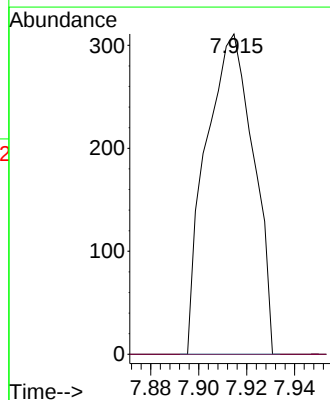
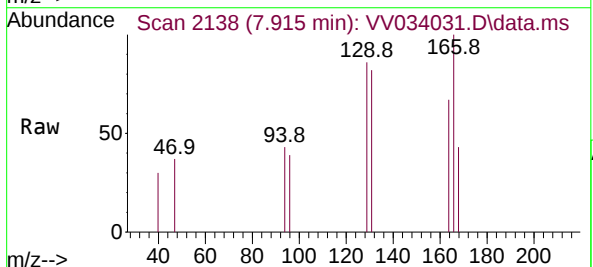
Instrument :
MSVOA_V
ClientSampleId :

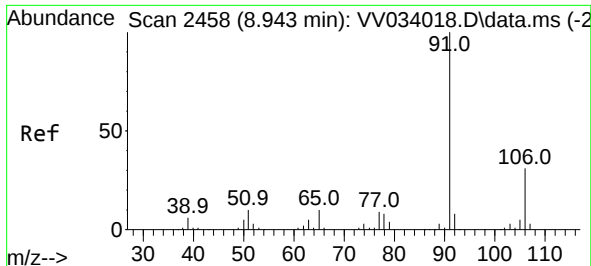
Tgt Ion: 75 Resp: 564
Ion Ratio Lower Upper
75 100
77 33.6 22.2 41.2



#49
Dibromochloromethane
Concen: 0.101 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. -0.260 min
Lab File: VV034031.D
Acq: 07 Feb 2024 15:18

Tgt Ion: 129 Resp: 427
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#

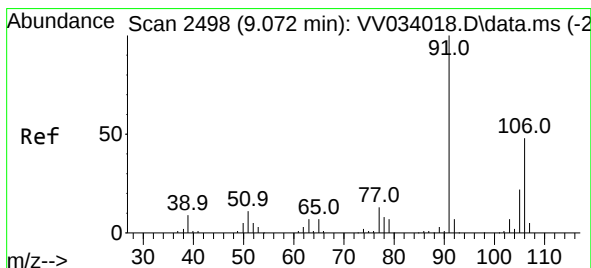
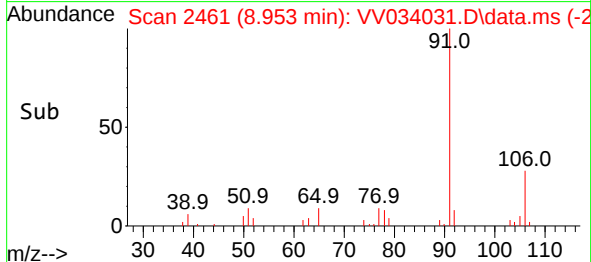
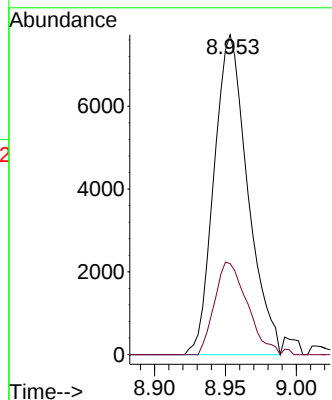
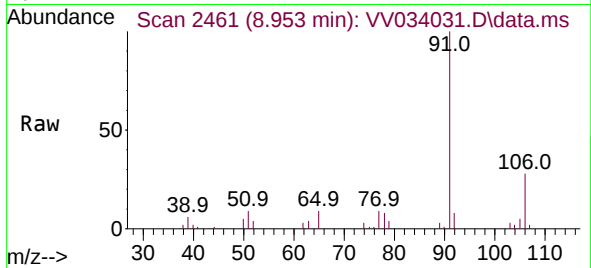




#52
Ethylbenzene
Concen: 0.436 ug/L
RT: 8.953 min Scan# 2458
Delta R.T. 0.010 min
Lab File: VV034031.D
Acq: 07 Feb 2024 15:18

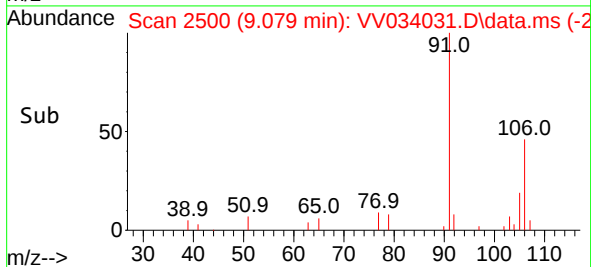
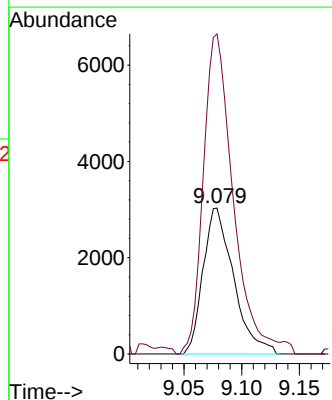
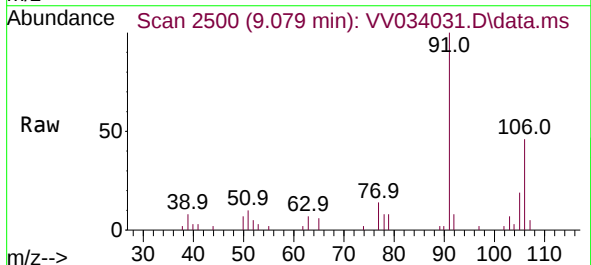
Instrument :
MSVOA_V
ClientSampleId :

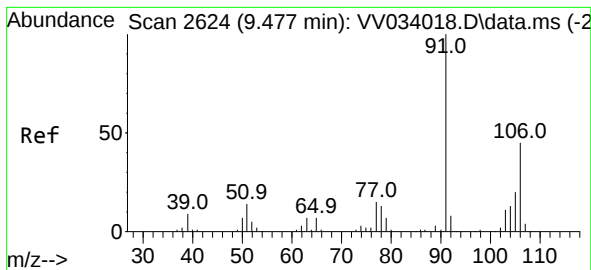
Tgt Ion: 91 Resp: 12782
Ion Ratio Lower Upper
91 100
106 28.4 21.4 39.8



#53
m,p-Xylene
Concen: 0.503 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.007 min
Lab File: VV034031.D
Acq: 07 Feb 2024 15:18

Tgt Ion: 106 Resp: 5575
Ion Ratio Lower Upper
106 100
91 219.4 147.5 273.9





#54

o-Xylene

Concen: 0.256 ug/L

RT: 9.487 min Scan# 2

Delta R.T. 0.010 min

Lab File: VV034031.D

Acq: 07 Feb 2024 15:18

Instrument :

MSVOA_V

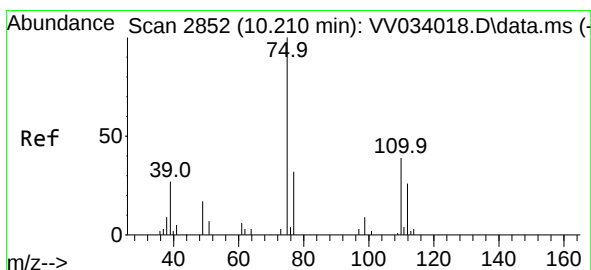
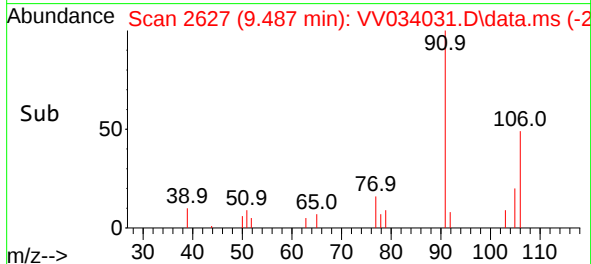
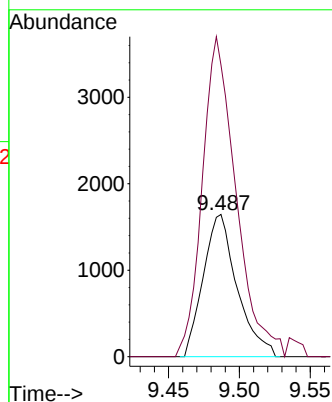
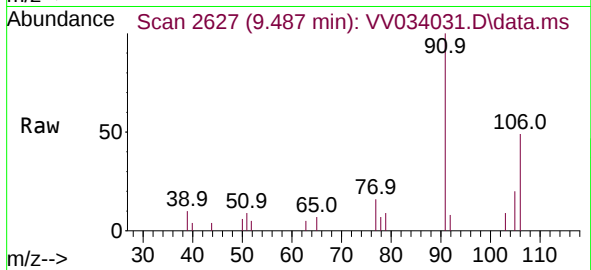
ClientSampleId :

Tgt Ion:106 Resp: 2734

Ion Ratio Lower Upper

106 100

91 204.9 156.2 290.0



#61

1,2,3-Trichloropropane

Concen: 1.772 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.974 min

Lab File: VV034031.D

Acq: 07 Feb 2024 15:18

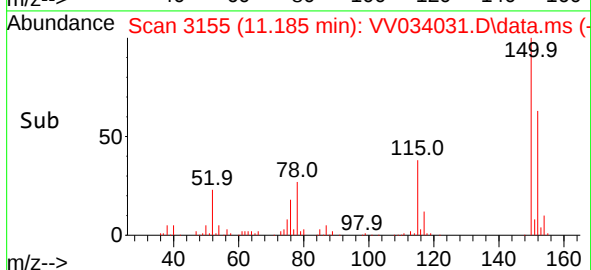
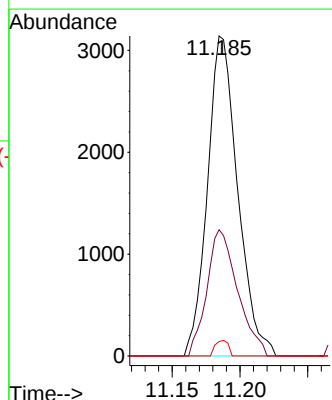
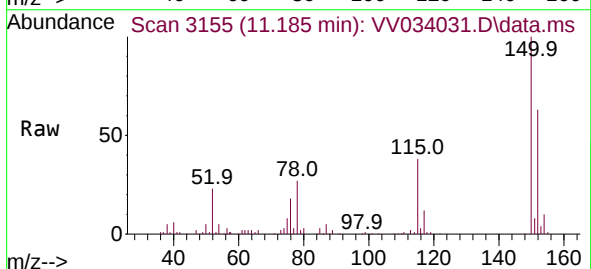
Tgt Ion: 75 Resp: 4871

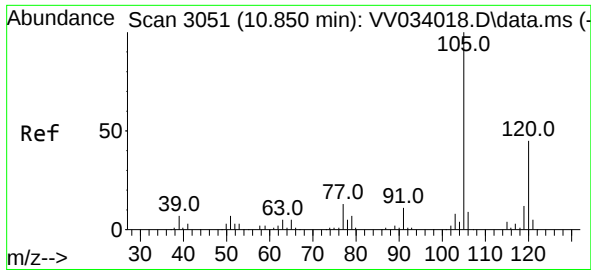
Ion Ratio Lower Upper

75 100

77 40.1 26.9 40.3

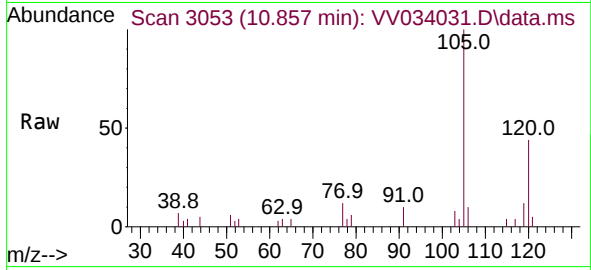
110 2.1 33.3 49.9#





#63
 1,2,4-Trimethylbenzene
 Concen: 0.240 ug/L
 RT: 10.857 min Scan# 3053
 Delta R.T. 0.007 min
 Lab File: VV034031.D
 Acq: 07 Feb 2024 15:18

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:105 Resp: 5837
 Ion Ratio Lower Upper
 105 100
 120 46.7 36.2 54.2

