

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112124\
 Data File : VV038240.D
 Acq On : 21 Nov 2024 14:46
 Operator : SY/MD
 Sample : P4883-04DL 10X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 22 01:47:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 01:41:27 2024
 Response via : Initial Calibration

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

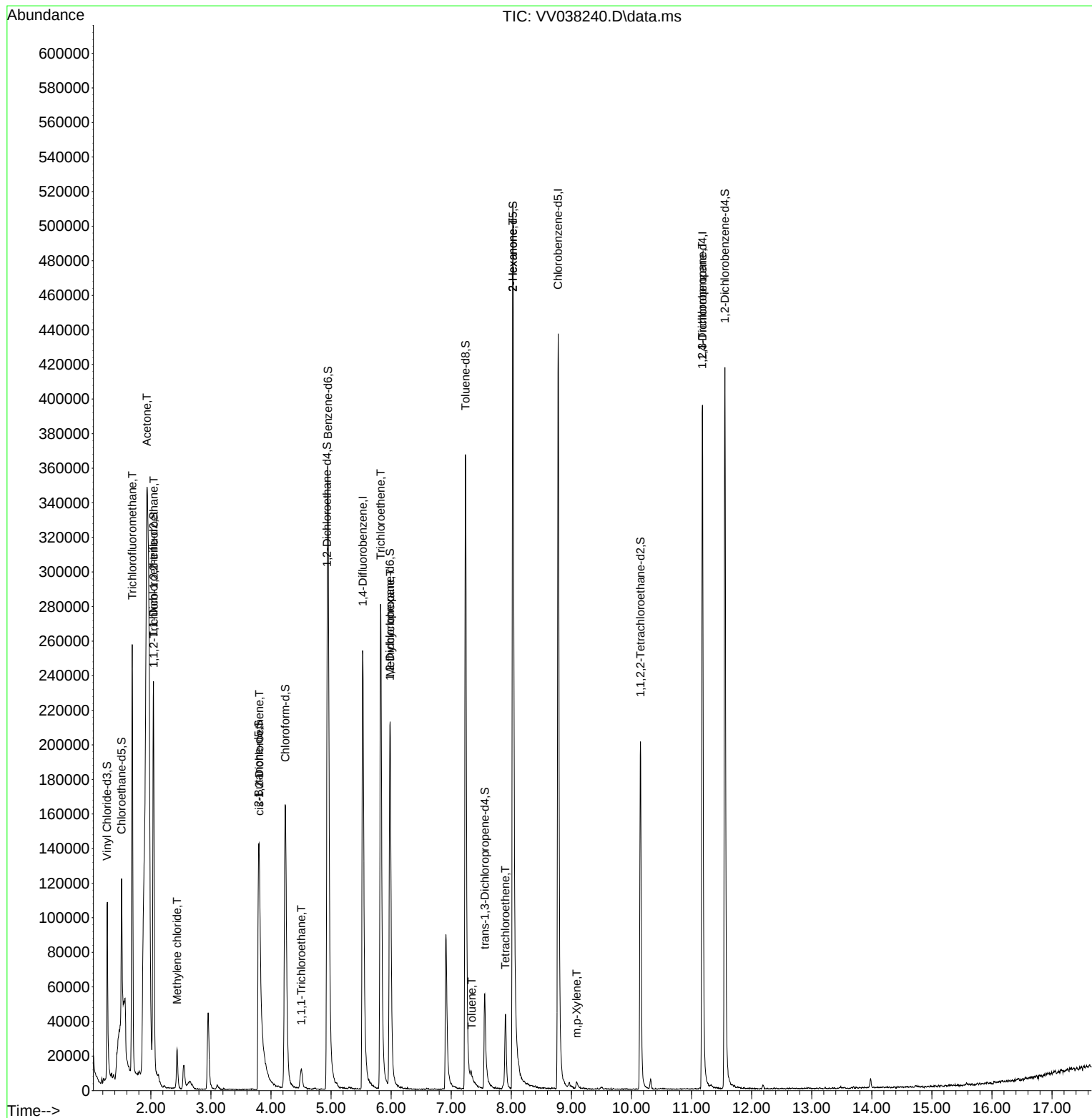
Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	246049	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	262725	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	114384	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	76568	4.060	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.200%
7) Chloroethane-d5	1.513	69	46986	3.080	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	61.600%#
11) 1,1-Dichloroethene-d2	2.043	65	36993	4.558	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.200%
20) 2-Butanone-d5	3.793	46	236409	62.663	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.320%
24) Chloroform-d	4.240	84	188249	5.143	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	4.934	65	96256	5.861	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.200%
32) Benzene-d6	4.950	84	339170	4.995	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
36) 1,2-Dichloropropane-d6	5.979	67	110915	5.308	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.200%
41) Toluene-d8	7.236	98	270046	4.298	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	7.558	79	38744	4.987	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.800%
46) 2-Hexanone-d5	8.027	63	209623	69.418	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	138.840%#
56) 1,1,2,2-Tetrachloroeth...	10.149	84	105241	5.933	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	117645	6.037	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.800%#
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.690	101	145501	4.501	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.047	101	3673	0.199	ug/L #	76
13) Acetone	1.934	43	207435	74.342	ug/L	41
16) Methylene chloride	2.436	84	10180	0.508	ug/L	97
22) cis-1,2-Dichloroethene	3.805	96	28761	1.502	ug/L	97
29) 1,1,1-Trichloroethane	4.503	97	10130	0.321	ug/L	98
34) Trichloroethene	5.825	95	109095	5.423	ug/L	97
35) Methylcyclohexane	5.982	83	29829	1.048	ug/L #	19
42) Toluene	7.339	91	6797	0.087	ug/L	93
47) Tetrachloroethene	7.902	164	11476	0.710	ug/L	88
48) 2-Hexanone	8.024	43	22504	3.208	ug/L #	67
53) m,p-Xylene	9.088	106	1640	0.052	ug/L	100
61) 1,2,3-Trichloropropane	11.178	75	12335	1.260	ug/L #	64

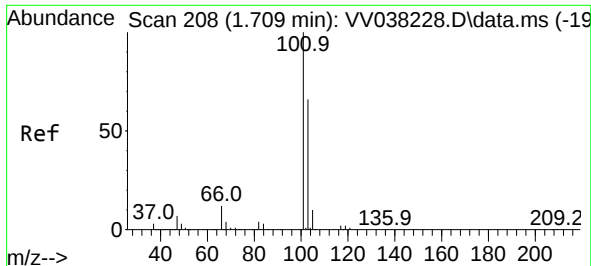
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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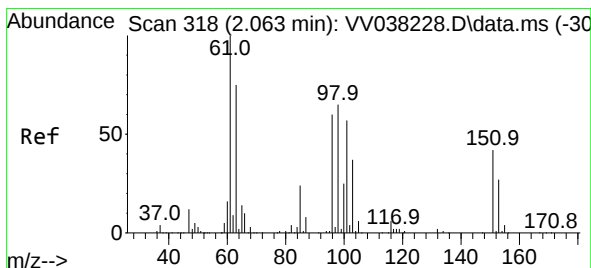
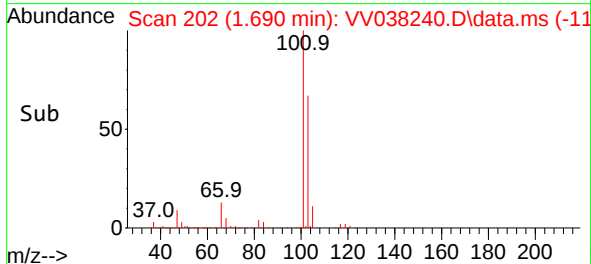
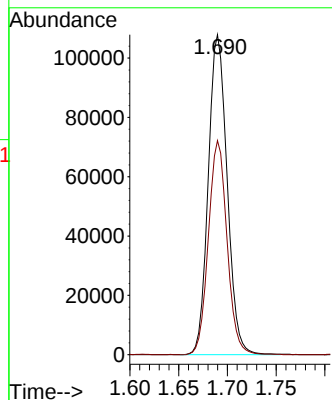
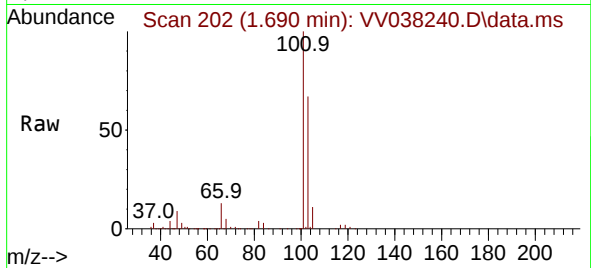




#9
 Trichlorofluoromethane
 Concen: 4.501 ug/L
 RT: 1.690 min Scan# 208
 Delta R.T. -0.019 min
 Lab File: VV038240.D
 Acq: 21 Nov 2024 14:46

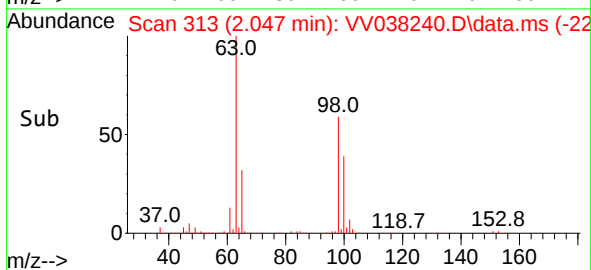
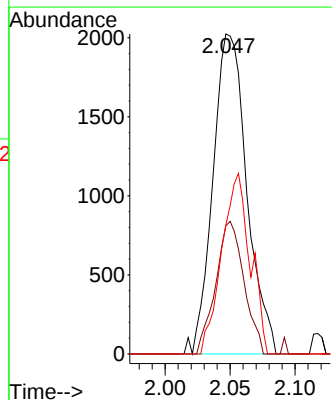
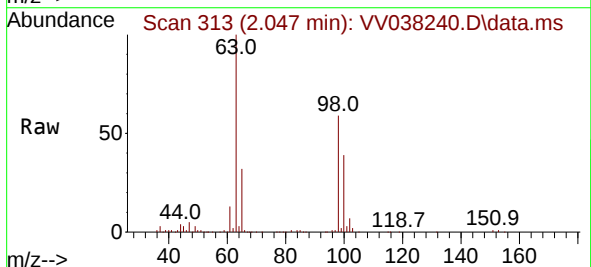
Instrument :
 MSVOA_V
 ClientSampleId :

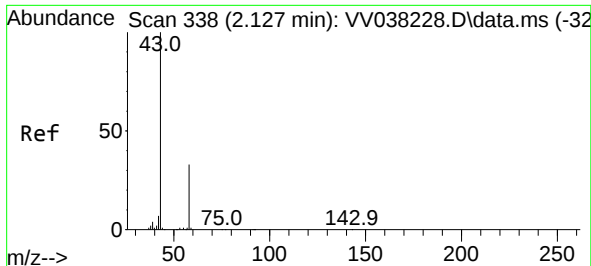
Tgt Ion:101 Resp: 145501
 Ion Ratio Lower Upper
 101 100
 103 66.1 51.5 77.3



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.199 ug/L
 RT: 2.047 min Scan# 313
 Delta R.T. -0.016 min
 Lab File: VV038240.D
 Acq: 21 Nov 2024 14:46

Tgt Ion:101 Resp: 3673
 Ion Ratio Lower Upper
 101 100
 85 34.5 33.4 50.0
 151 47.5 58.8 88.2#

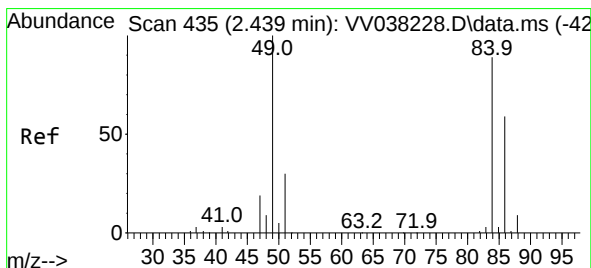
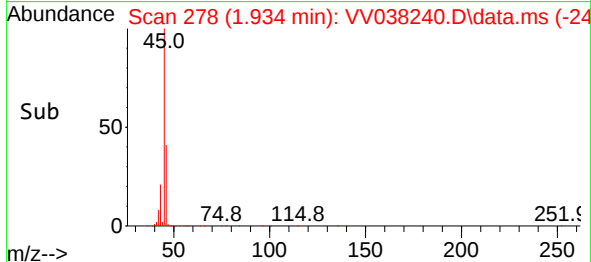
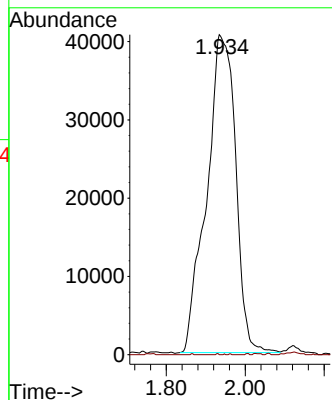
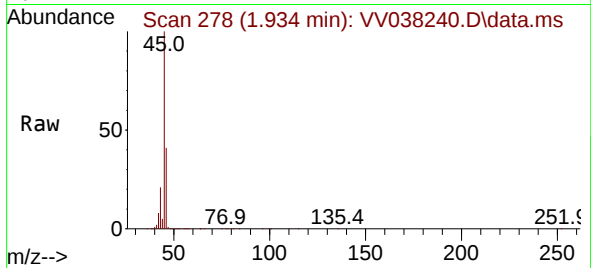




#13
Acetone
Concen: 74.342 ug/L
RT: 1.934 min Scan# 21
Delta R.T. -0.193 min
Lab File: VV038240.D
Acq: 21 Nov 2024 14:46

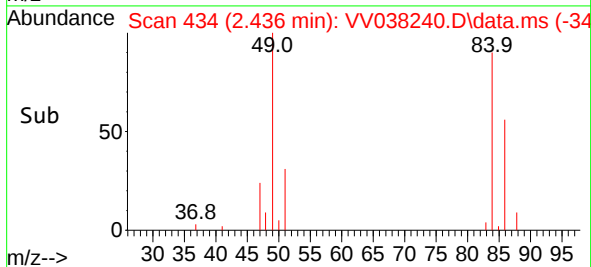
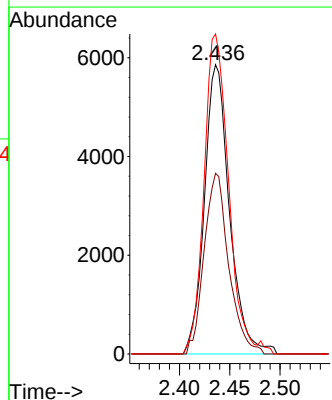
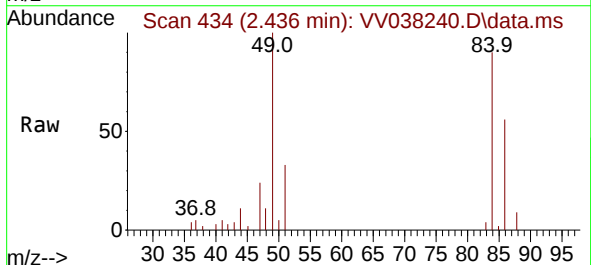
Instrument :
MSVOA_V
ClientSampleId :

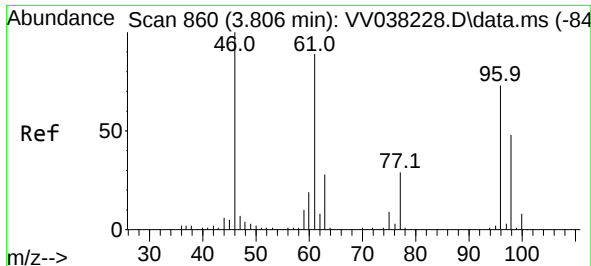
Tgt Ion: 43 Resp: 207435
Ion Ratio Lower Upper
43 100
58 0.0 0.0 67.2



#16
Methylene chloride
Concen: 0.508 ug/L
RT: 2.436 min Scan# 434
Delta R.T. -0.003 min
Lab File: VV038240.D
Acq: 21 Nov 2024 14:46

Tgt Ion: 84 Resp: 10180
Ion Ratio Lower Upper
84 100
86 62.4 44.2 82.2
49 110.6 74.9 139.1





#22

cis-1,2-Dichloroethene

Concen: 1.502 ug/L

RT: 3.805 min Scan# 80

Delta R.T. -0.000 min

Lab File: VV038240.D

Acq: 21 Nov 2024 14:46

Instrument :

MSVOA_V

ClientSampleId :

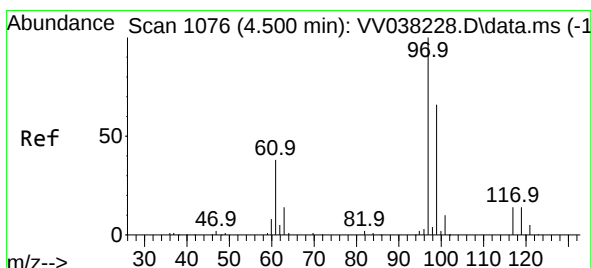
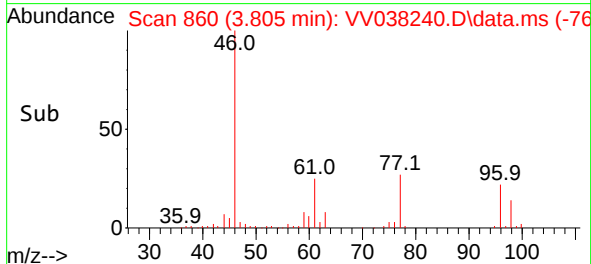
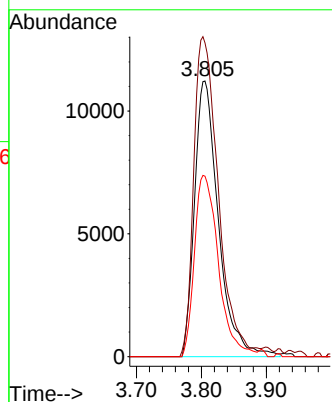
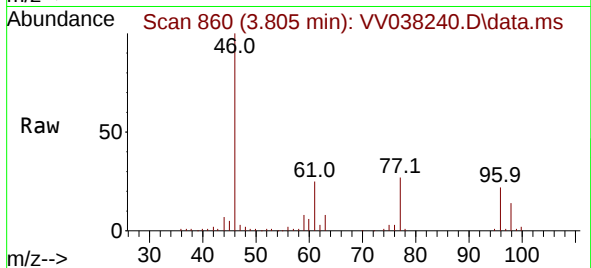
Tgt Ion: 96 Resp: 28761

Ion Ratio Lower Upper

96 100

61 113.8 82.7 153.5

98 65.5 46.3 85.9



#29

1,1,1-Trichloroethane

Concen: 0.321 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VV038240.D

Acq: 21 Nov 2024 14:46

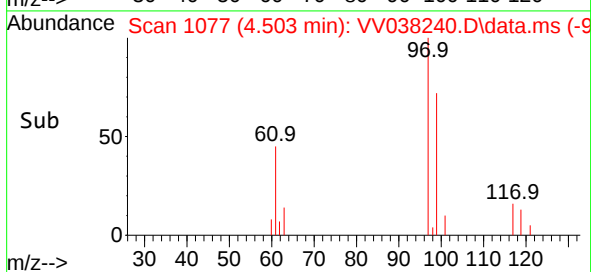
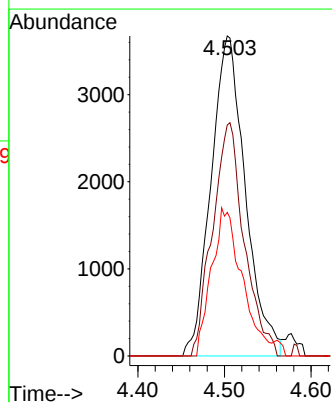
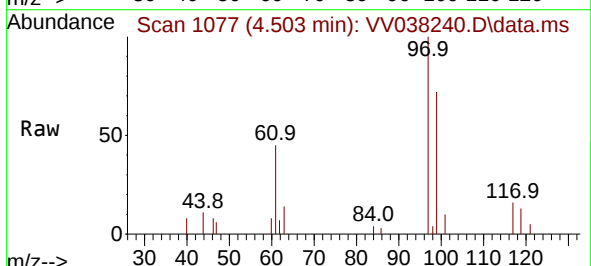
Tgt Ion: 97 Resp: 10130

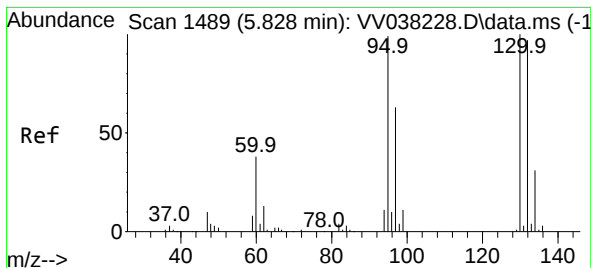
Ion Ratio Lower Upper

97 100

99 67.1 51.8 77.8

61 41.2 32.2 48.2





#34

Trichloroethene

Concen: 5.423 ug/L

RT: 5.825 min Scan# 14

Delta R.T. -0.003 min

Lab File: VV038240.D

Acq: 21 Nov 2024 14:46

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 109095

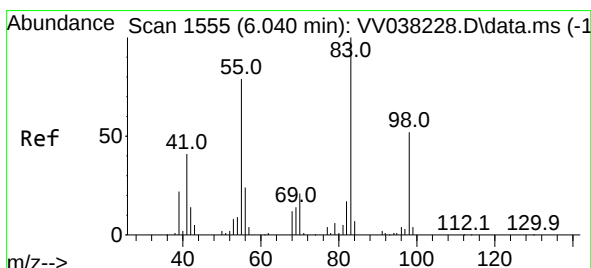
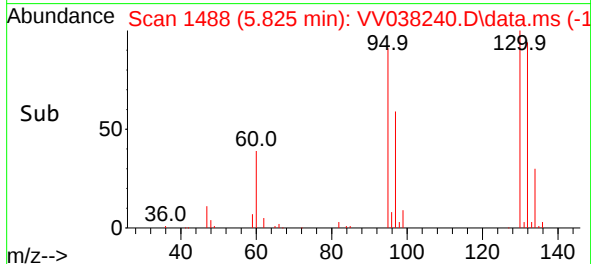
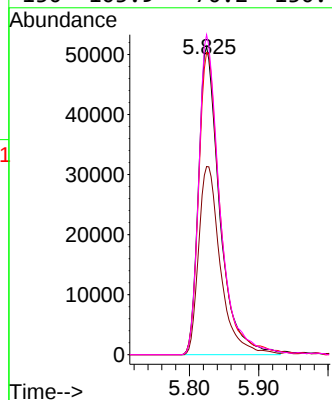
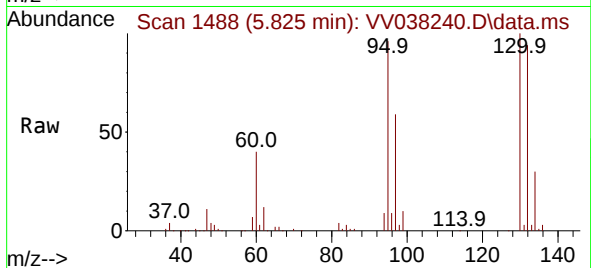
Ion Ratio Lower Upper

95 100

97 61.1 44.8 83.2

132 98.1 68.3 126.8

130 103.9 70.2 130.4



#35

Methylcyclohexane

Concen: 1.048 ug/L

RT: 5.982 min Scan# 1537

Delta R.T. -0.058 min

Lab File: VV038240.D

Acq: 21 Nov 2024 14:46

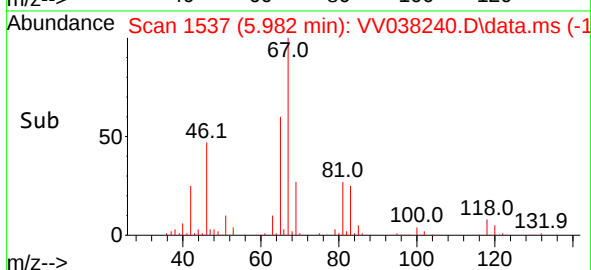
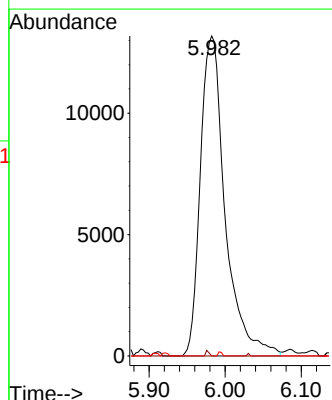
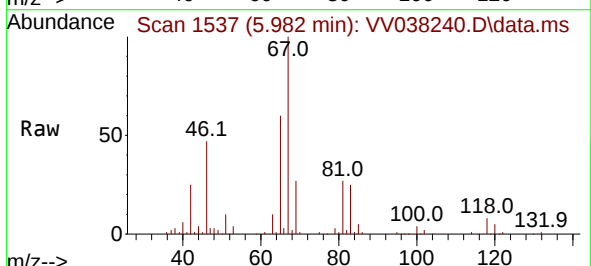
Tgt Ion: 83 Resp: 29829

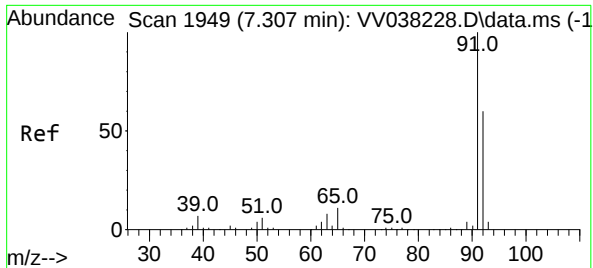
Ion Ratio Lower Upper

83 100

55 0.2 59.7 89.5#

98 0.0 39.0 58.4#

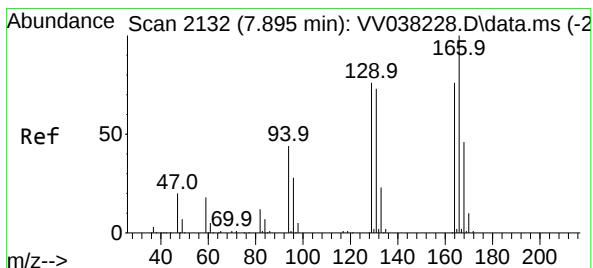
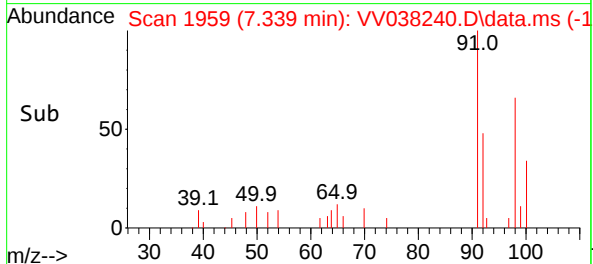
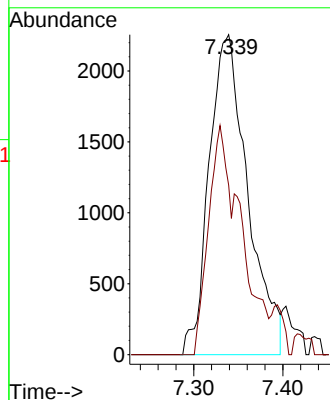
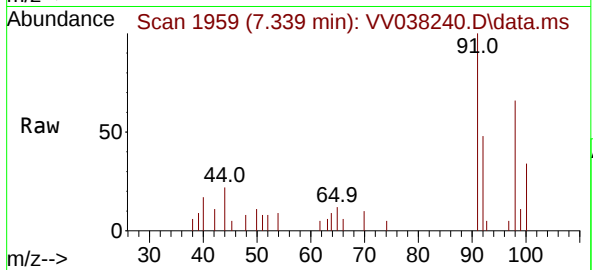




#42
Toluene
Concen: 0.087 ug/L
RT: 7.339 min Scan# 1949
Delta R.T. 0.032 min
Lab File: VV038240.D
Acq: 21 Nov 2024 14:46

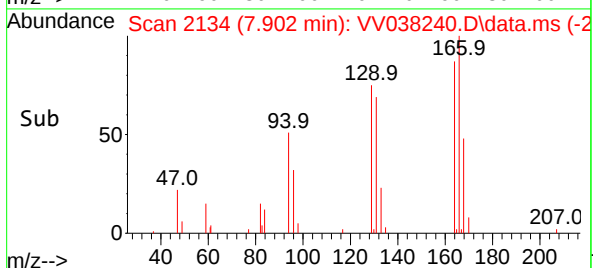
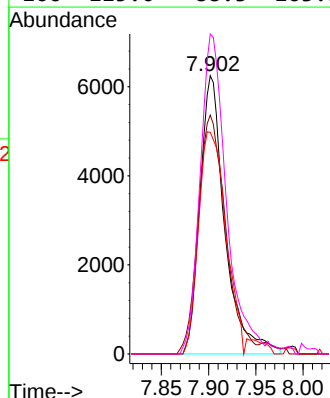
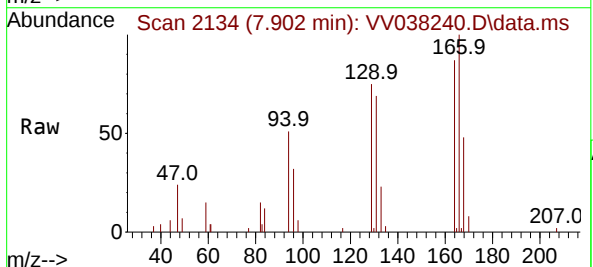
Instrument :
MSVOA_V
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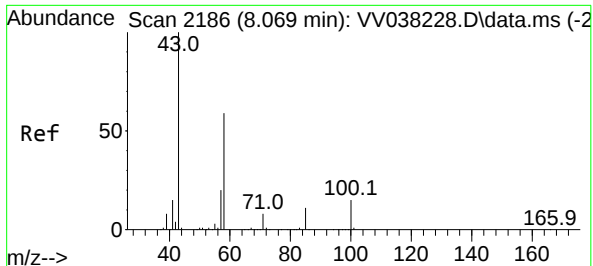
Tgt Ion: 91 Resp: 6797
Ion Ratio Lower Upper
91 100
92 53.0 40.8 75.8



#47
Tetrachloroethene
Concen: 0.710 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.006 min
Lab File: VV038240.D
Acq: 21 Nov 2024 14:46

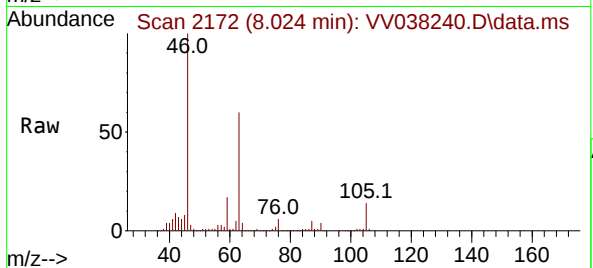
Tgt Ion: 164 Resp: 11476
Ion Ratio Lower Upper
164 100
129 85.8 68.5 127.1
131 79.6 64.8 120.4
166 115.0 88.3 163.9



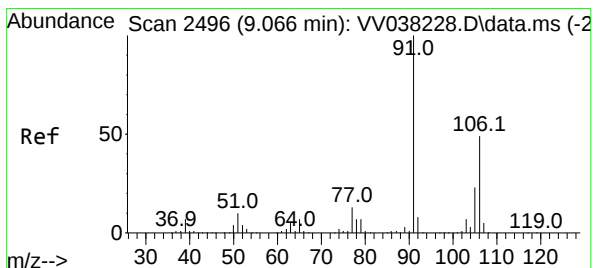
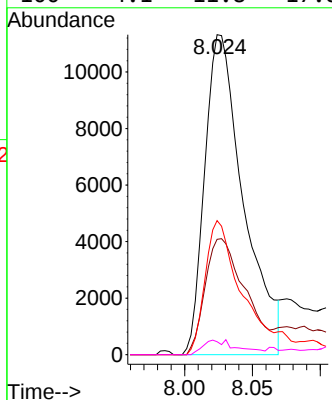
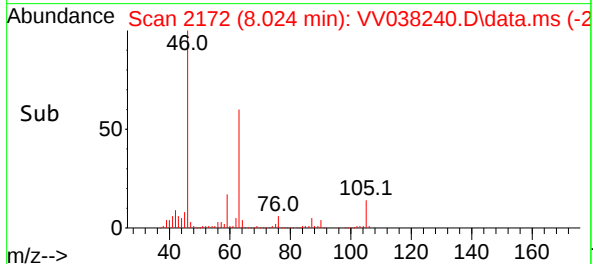


#48
2-Hexanone
Concen: 3.208 ug/L
RT: 8.024 min Scan# 2186
Delta R.T. -0.045 min
Lab File: VV038240.D
Acq: 21 Nov 2024 14:46

Instrument :
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ClientSampleId :

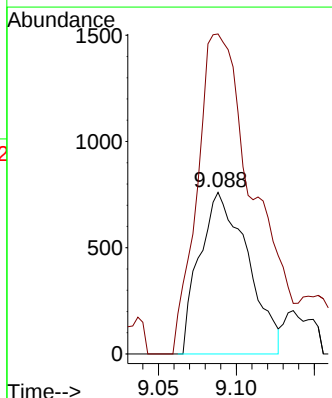
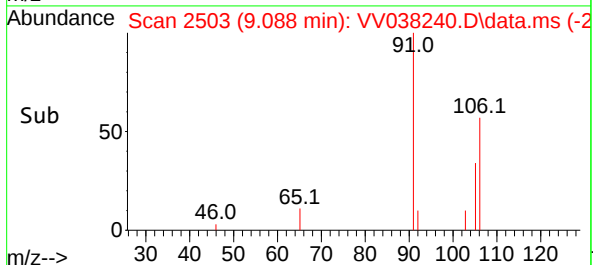
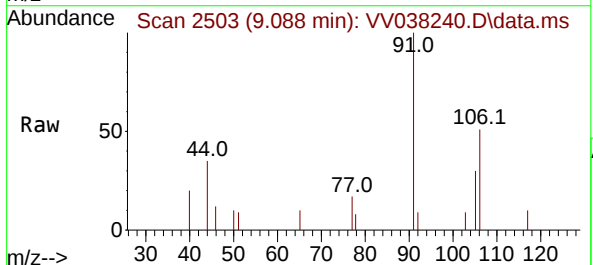


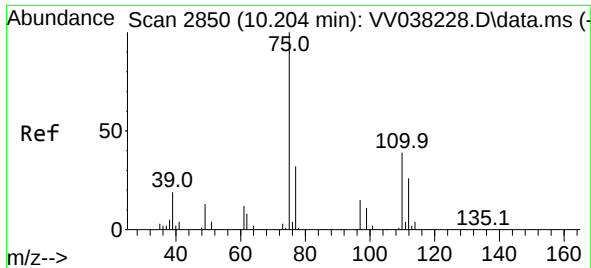
Tgt Ion: 43	Resp: 22504
Ion Ratio	Lower Upper
43	100
58	37.5 49.2 73.8#
57	41.3 16.9 25.3#
100	4.1 11.8 17.8#



#53
m,p-Xylene
Concen: 0.052 ug/L
RT: 9.088 min Scan# 2503
Delta R.T. 0.022 min
Lab File: VV038240.D
Acq: 21 Nov 2024 14:46

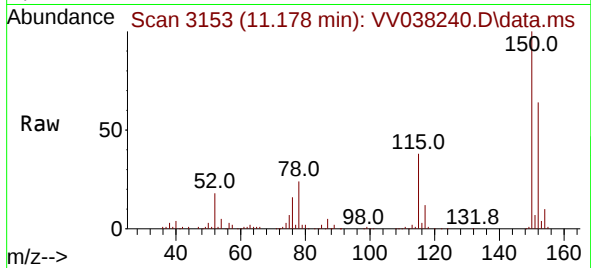
Tgt Ion: 106	Resp: 1640
Ion Ratio	Lower Upper
106	100
91	197.9 138.7 257.5





#61
 1,2,3-Trichloropropane
 Concen: 1.260 ug/L
 RT: 11.178 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV038240.D
 Acq: 21 Nov 2024 14:46

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	75	Resp:	12335
Ion	Ratio	Lower	Upper
75	100		
77	36.9	26.4	39.6
110	2.8	32.3	48.5#

