

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112224\
 Data File : VV038294.D
 Acq On : 23 Nov 2024 01:56
 Operator : SY/MD
 Sample : P4884-15
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 23 04:06:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 23 02:01:29 2024
 Response via : Initial Calibration

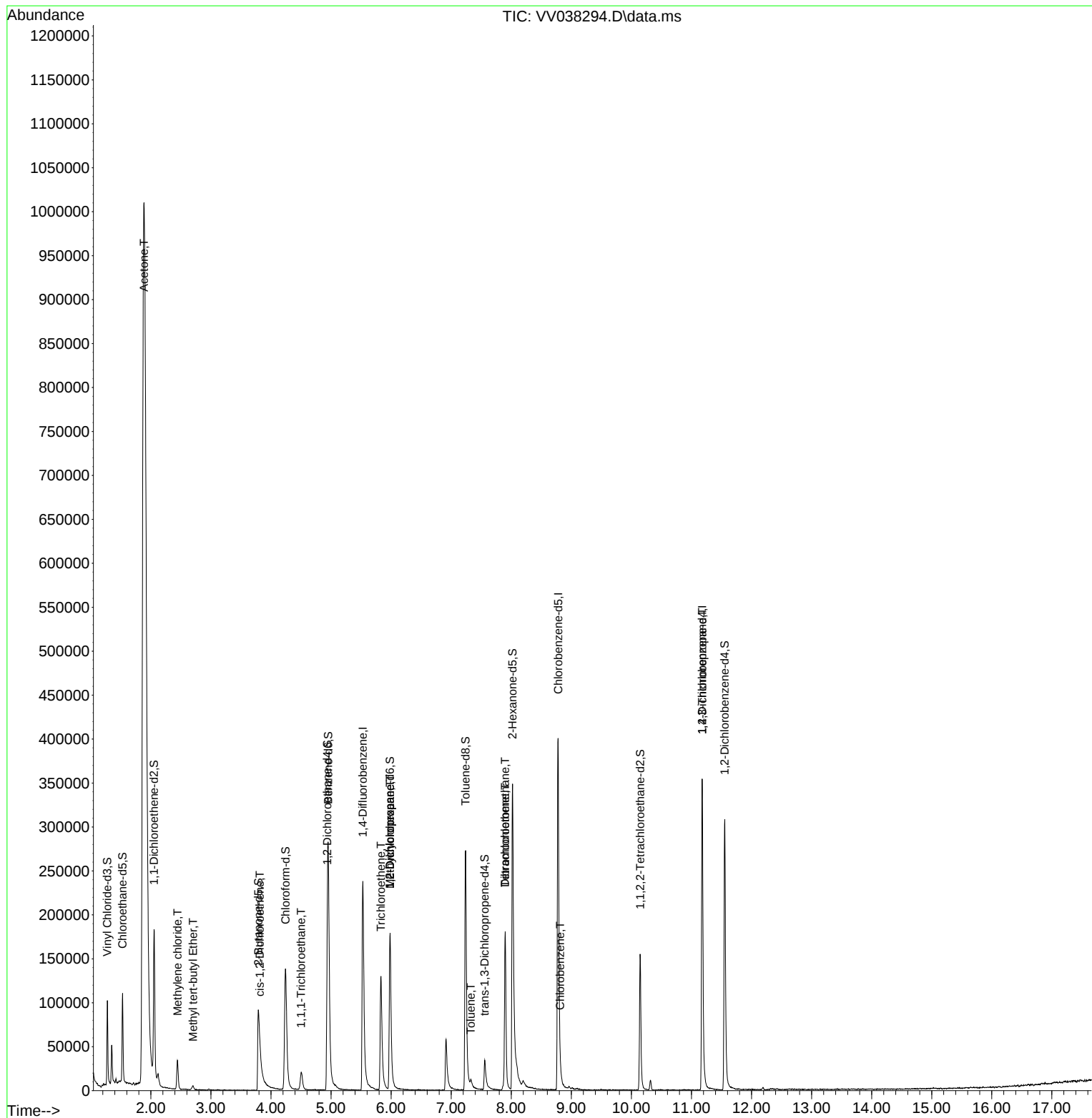
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	233705	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	248632	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	102611	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	62688	3.500	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.000%
7) Chloroethane-d5	1.529	69	64469	4.449	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.053	65	26965	3.498	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.000%
20) 2-Butanone-d5	3.789	46	157942	44.075	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.160%
24) Chloroform-d	4.243	84	159557	4.590	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	4.937	65	78454	5.029	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	4.953	84	267531	4.163	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	5.982	67	96324	4.871	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.239	98	207134	3.484	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.600%#
43) trans-1,3-Dichloroprop...	7.558	79	24302	3.306	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.200%
46) 2-Hexanone-d5	8.021	63	133670	46.775	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.540%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	80175	4.776	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	89392	5.113	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.200%
Target Compounds						
					Qvalue	
13) Acetone	1.886	43	528608	199.453	ug/L	41
16) Methylene chloride	2.442	84	14877	0.782	ug/L	96
17) Methyl tert-butyl Ether	2.703	73	3355	0.089	ug/L #	90
22) cis-1,2-Dichloroethene	3.815	96	3573	0.197	ug/L	90
29) 1,1,1-Trichloroethane	4.503	97	17796	0.597	ug/L	98
34) Trichloroethene	5.831	95	50598	2.658	ug/L	96
35) Methylcyclohexane	5.982	83	22469	0.834	ug/L #	20
37) 1,2-Dichloropropane	5.982	63	10404	0.595	ug/L #	86
42) Toluene	7.326	91	8698	0.118	ug/L	90
47) Tetrachloroethene	7.899	164	43797	2.863	ug/L	95
49) Dibromochloromethane	7.899	129	37724	2.439	ug/L #	11
51) Chlorobenzene	8.815	112	7681	0.151	ug/L	97
61) 1,2,3-Trichloropropane	11.178	75	11065	1.260	ug/L #	64

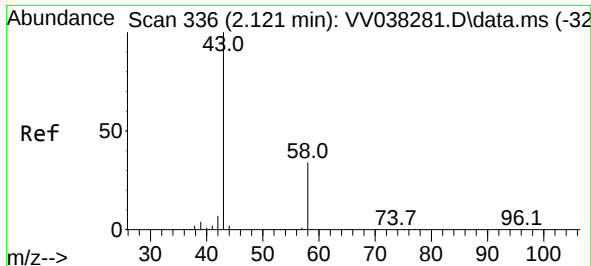
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 199.453 ug/L

RT: 1.886 min Scan# 2

Delta R.T. -0.235 min

Lab File: VV038294.D

Acq: 23 Nov 2024 01:56

Instrument :

MSVOA_V

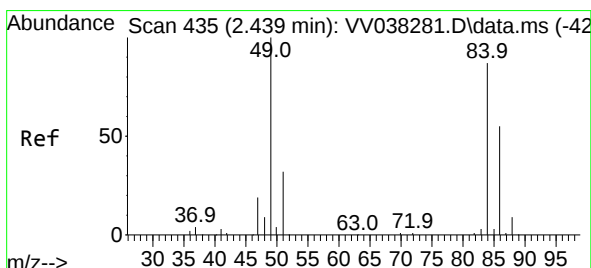
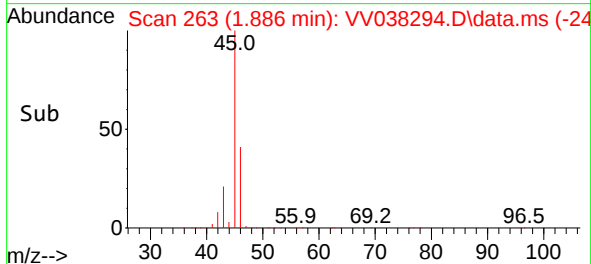
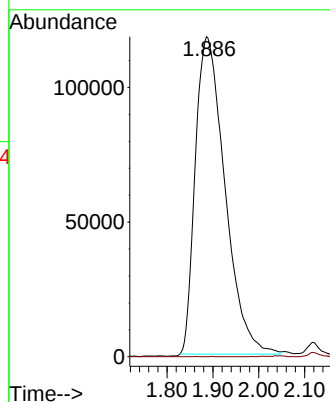
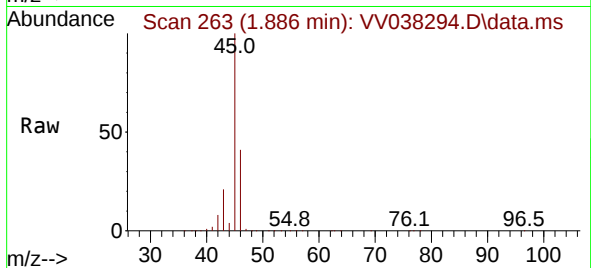
ClientSampleId :

Tgt Ion: 43 Resp: 528608

Ion Ratio Lower Upper

43 100

58 0.0 0.0 67.2



#16

Methylene chloride

Concen: 0.782 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

Lab File: VV038294.D

Acq: 23 Nov 2024 01:56

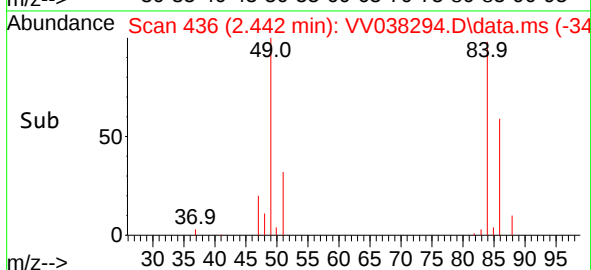
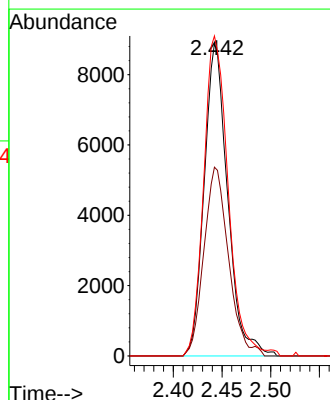
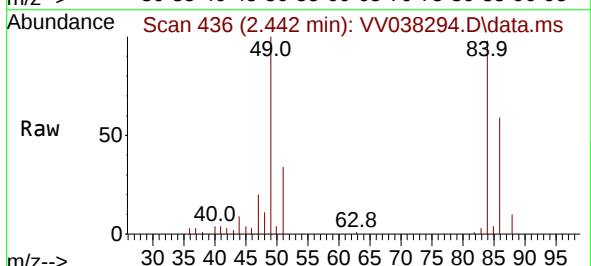
Tgt Ion: 84 Resp: 14877

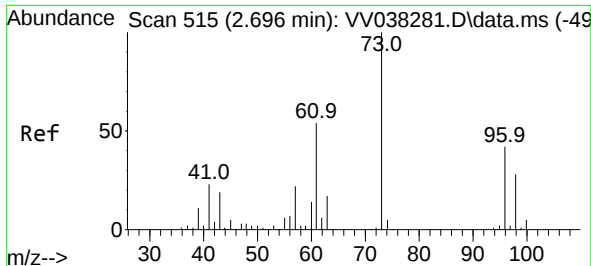
Ion Ratio Lower Upper

84 100

86 60.5 44.2 82.2

49 102.5 74.9 139.1





#17

Methyl tert-butyl Ether

Concen: 0.089 ug/L

RT: 2.703 min Scan# 515

Delta R.T. 0.006 min

Lab File: VV038294.D

Acq: 23 Nov 2024 01:56

Instrument :

MSVOA_V

ClientSampleId :

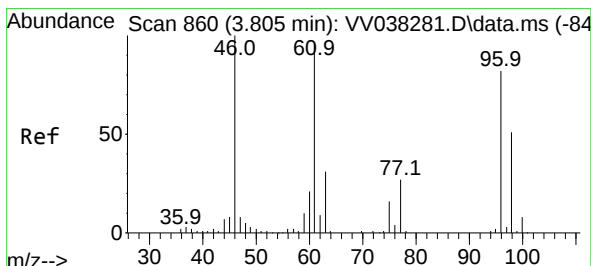
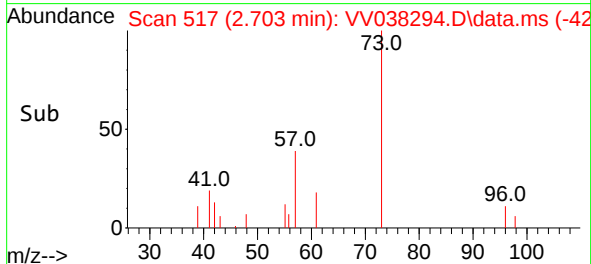
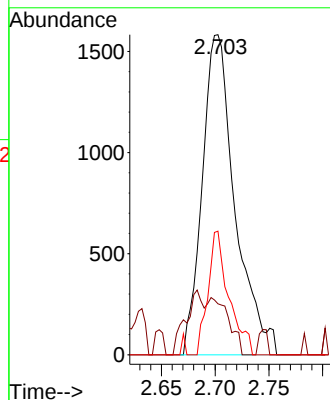
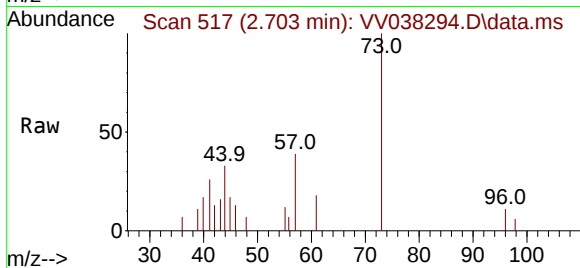
Tgt Ion: 73 Resp: 3355

Ion Ratio Lower Upper

73 100

43 10.4 14.2 21.2#

57 24.5 17.6 26.4



#22

cis-1,2-Dichloroethene

Concen: 0.197 ug/L

RT: 3.815 min Scan# 863

Delta R.T. 0.010 min

Lab File: VV038294.D

Acq: 23 Nov 2024 01:56

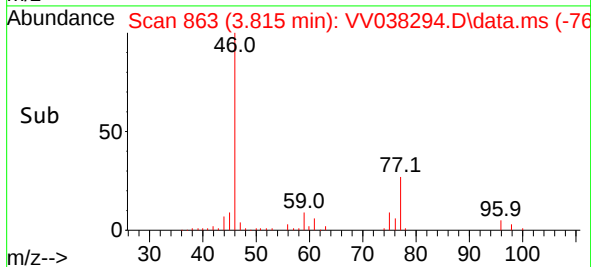
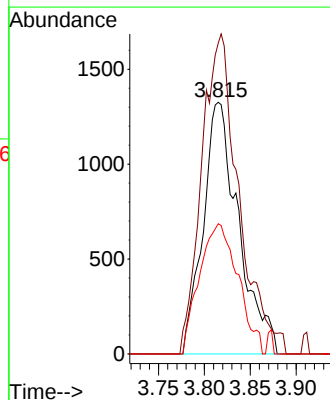
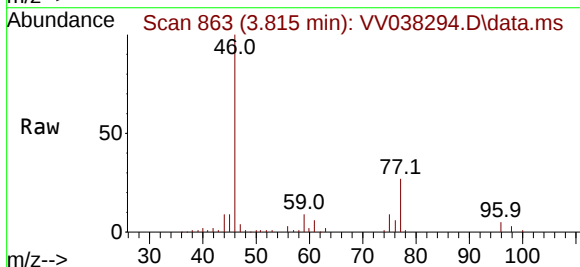
Tgt Ion: 96 Resp: 3573

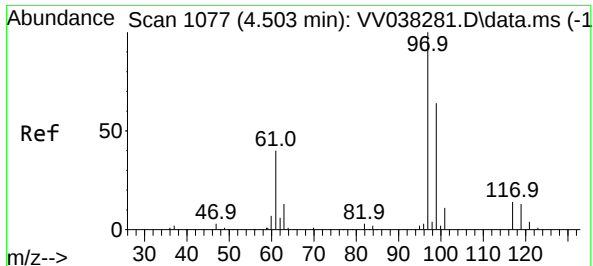
Ion Ratio Lower Upper

96 100

61 123.5 82.7 153.5

98 51.7 46.3 85.9





#29

1,1,1-Trichloroethane

Concen: 0.597 ug/L

RT: 4.503 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038294.D

Acq: 23 Nov 2024 01:56

Instrument :

MSVOA_V

ClientSampleId :

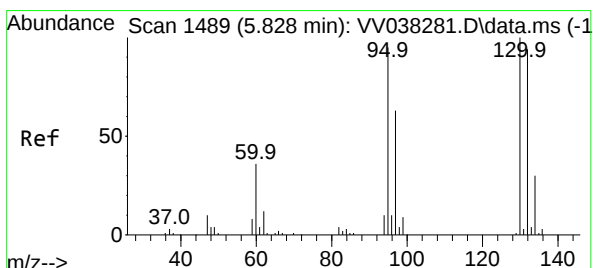
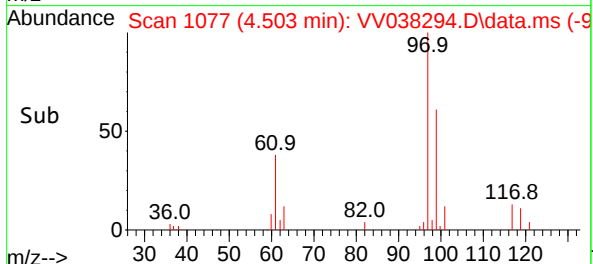
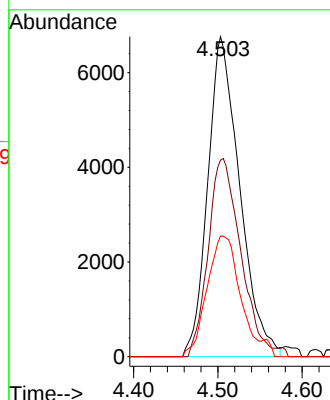
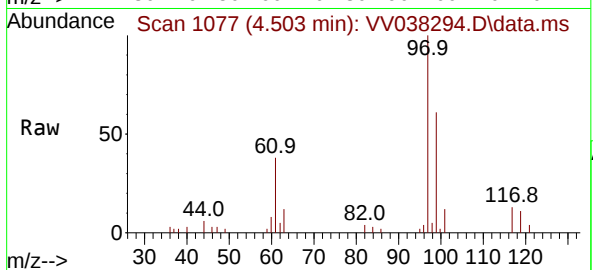
Tgt Ion: 97 Resp: 17796

Ion Ratio Lower Upper

97 100

99 63.1 51.8 77.8

61 38.8 32.2 48.2



#34

Trichloroethene

Concen: 2.658 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. 0.003 min

Lab File: VV038294.D

Acq: 23 Nov 2024 01:56

Tgt Ion: 95 Resp: 50598

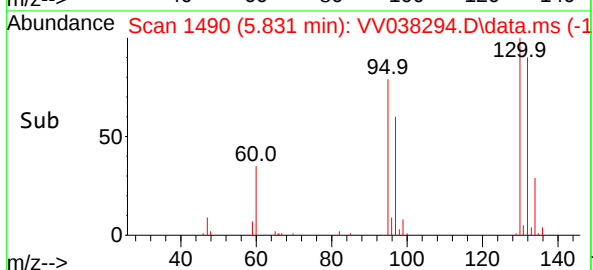
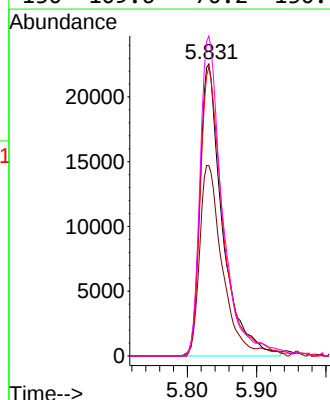
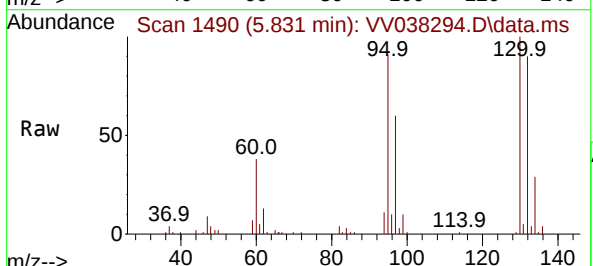
Ion Ratio Lower Upper

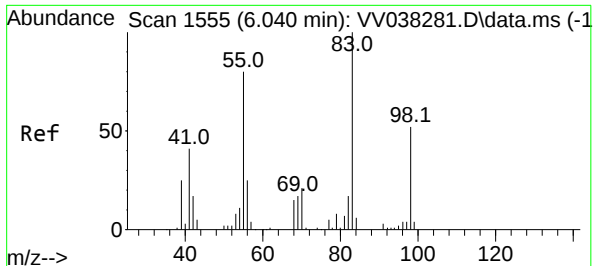
95 100

97 65.2 44.8 83.2

132 98.8 68.3 126.8

130 109.6 70.2 130.4





#35

Methylcyclohexane

Concen: 0.834 ug/L

RT: 5.982 min Scan# 1537

Delta R.T. -0.058 min

Lab File: VV038294.D

Acq: 23 Nov 2024 01:56

Instrument :

MSVOA_V

ClientSampleId :

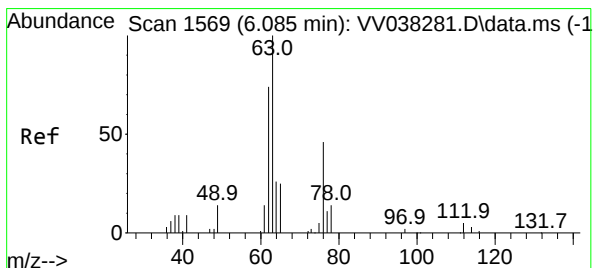
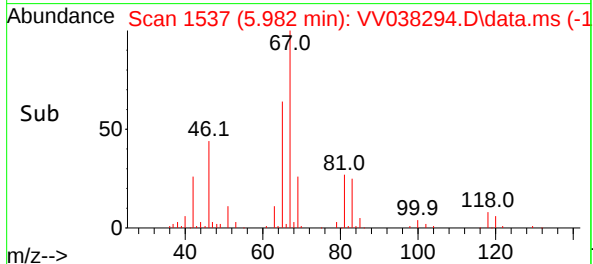
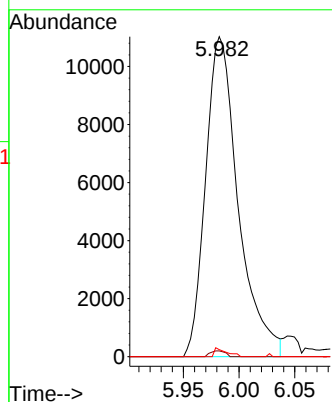
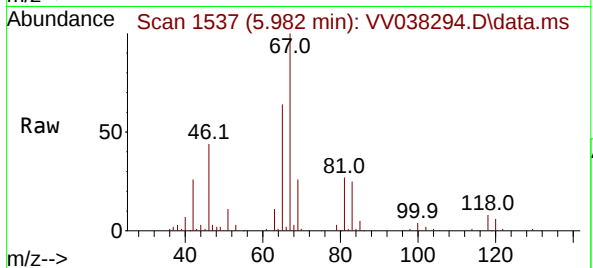
Tgt Ion: 83 Resp: 22469

Ion Ratio Lower Upper

83 100

55 0.8 59.7 89.5#

98 1.0 39.0 58.4#



#37

1,2-Dichloropropane

Concen: 0.595 ug/L

RT: 5.982 min Scan# 1537

Delta R.T. -0.103 min

Lab File: VV038294.D

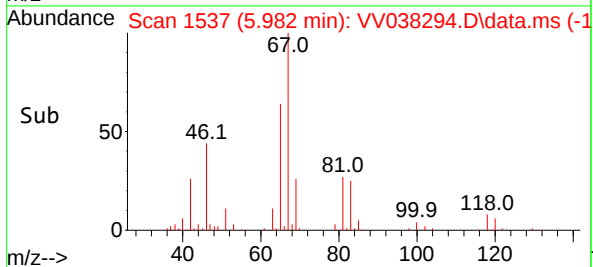
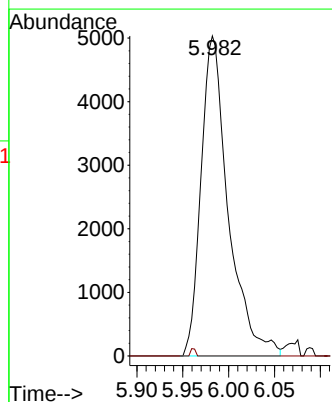
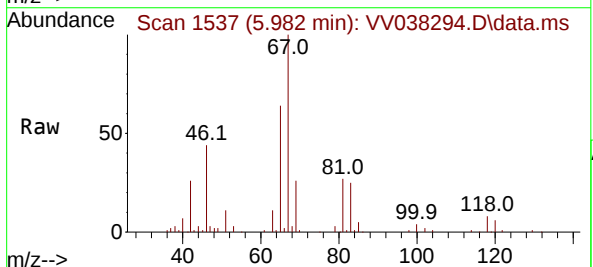
Acq: 23 Nov 2024 01:56

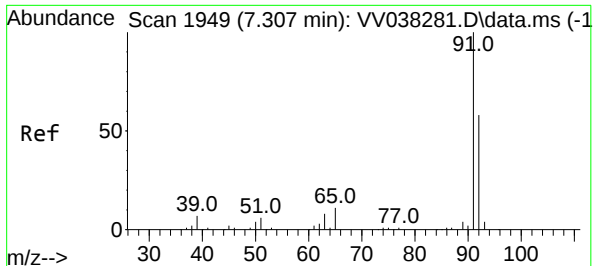
Tgt Ion: 63 Resp: 10404

Ion Ratio Lower Upper

63 100

112 0.4 3.9 5.9#





#42

Toluene

Concen: 0.118 ug/L

RT: 7.326 min Scan# 1949

Delta R.T. 0.019 min

Lab File: VV038294.D

Acq: 23 Nov 2024 01:56

Instrument :

MSVOA_V

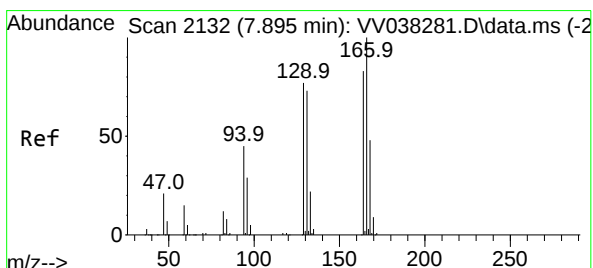
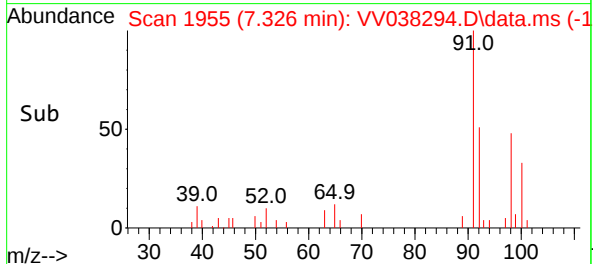
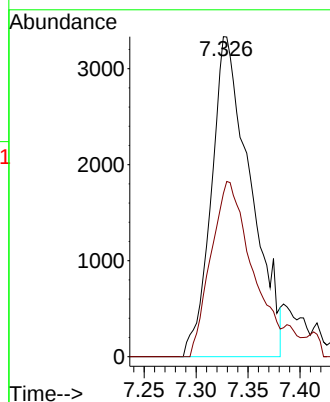
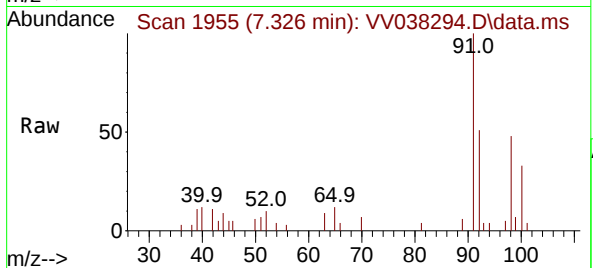
ClientSampleId :

Tgt Ion: 91 Resp: 8698

Ion Ratio Lower Upper

91 100

92 51.0 40.8 75.8



#47

Tetrachloroethene

Concen: 2.863 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. 0.003 min

Lab File: VV038294.D

Acq: 23 Nov 2024 01:56

Tgt Ion: 164 Resp: 43797

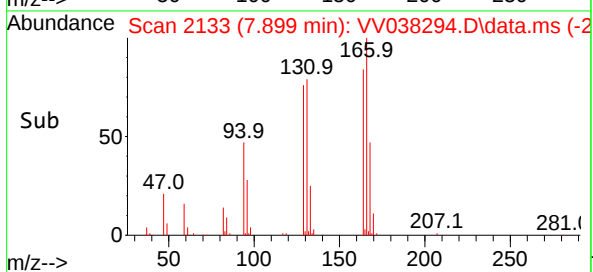
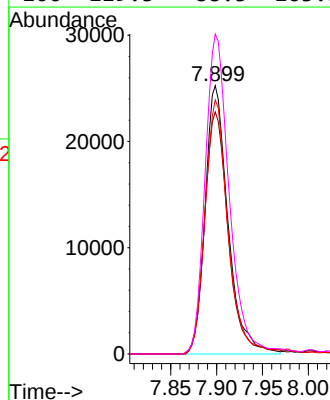
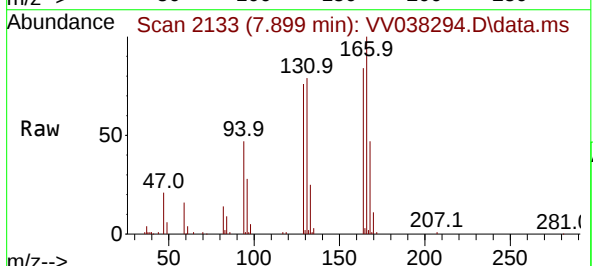
Ion Ratio Lower Upper

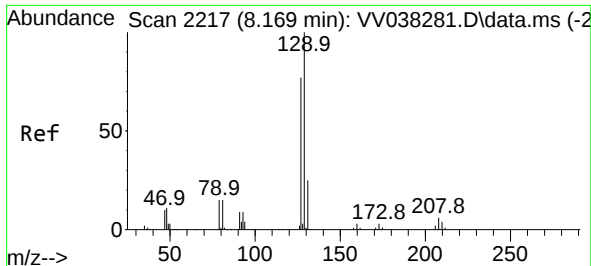
164 100

129 90.2 68.5 127.1

131 94.7 64.8 120.4

166 119.3 88.3 163.9

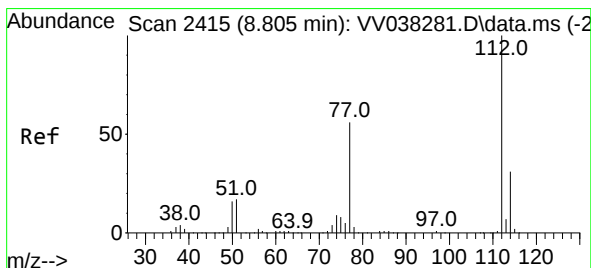
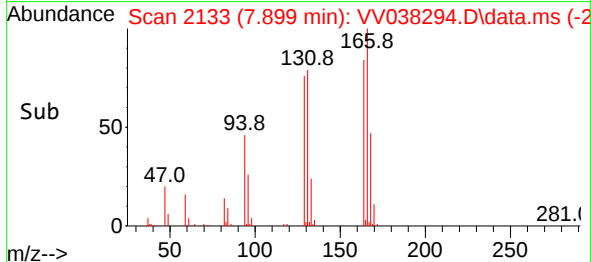
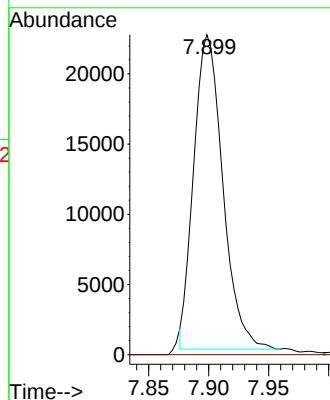
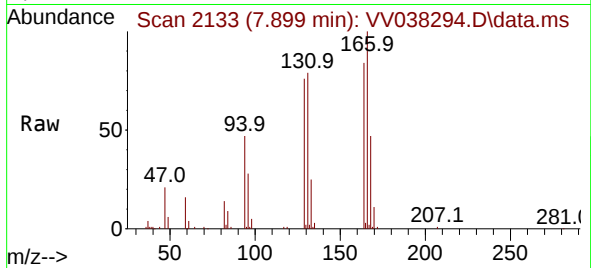




#49
Dibromochloromethane
Concen: 2.439 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. -0.270 min
Lab File: VV038294.D
Acq: 23 Nov 2024 01:56

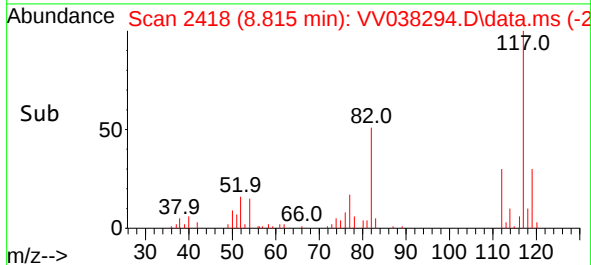
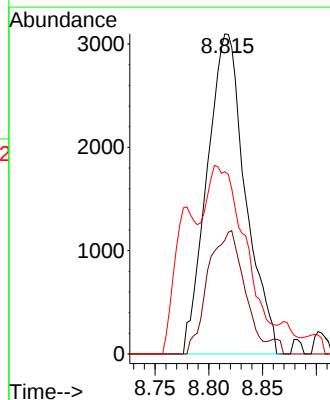
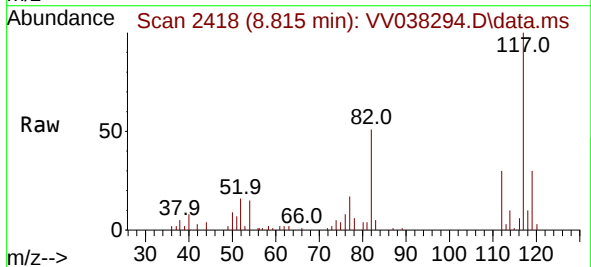
Instrument :
MSVOA_V
ClientSampleId :

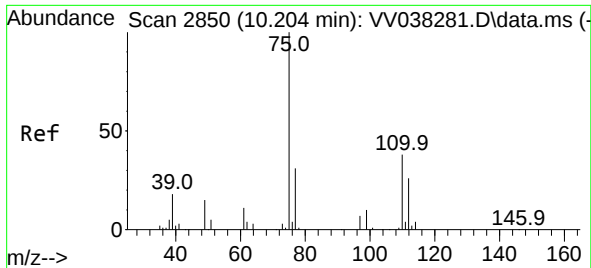
Tgt Ion:129 Resp: 37724
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#



#51
Chlorobenzene
Concen: 0.151 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.010 min
Lab File: VV038294.D
Acq: 23 Nov 2024 01:56

Tgt Ion:112 Resp: 7681
Ion Ratio Lower Upper
112 100
114 35.5 22.0 40.8
77 57.0 45.0 67.4





#61

1,2,3-Trichloropropane

Concen: 1.260 ug/L

RT: 11.178 min Scan# 31

Delta R.T. 0.974 min

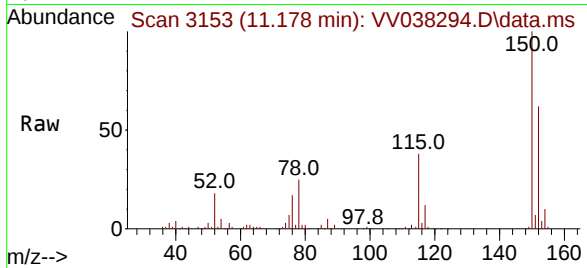
Lab File: VV038294.D

Acq: 23 Nov 2024 01:56

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	75	Resp:	11065
Ion	Ratio	Lower	Upper
75	100		
77	34.1	26.4	39.6
110	0.5	32.3	48.5#

