

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW082622\
 Data File : VW027535.D
 Acq On : 26 Aug 2022 15:12
 Operator : SY/MD
 Sample : N4368-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 27 03:15:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 27 03:12:26 2022
 Response via : Initial Calibration

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

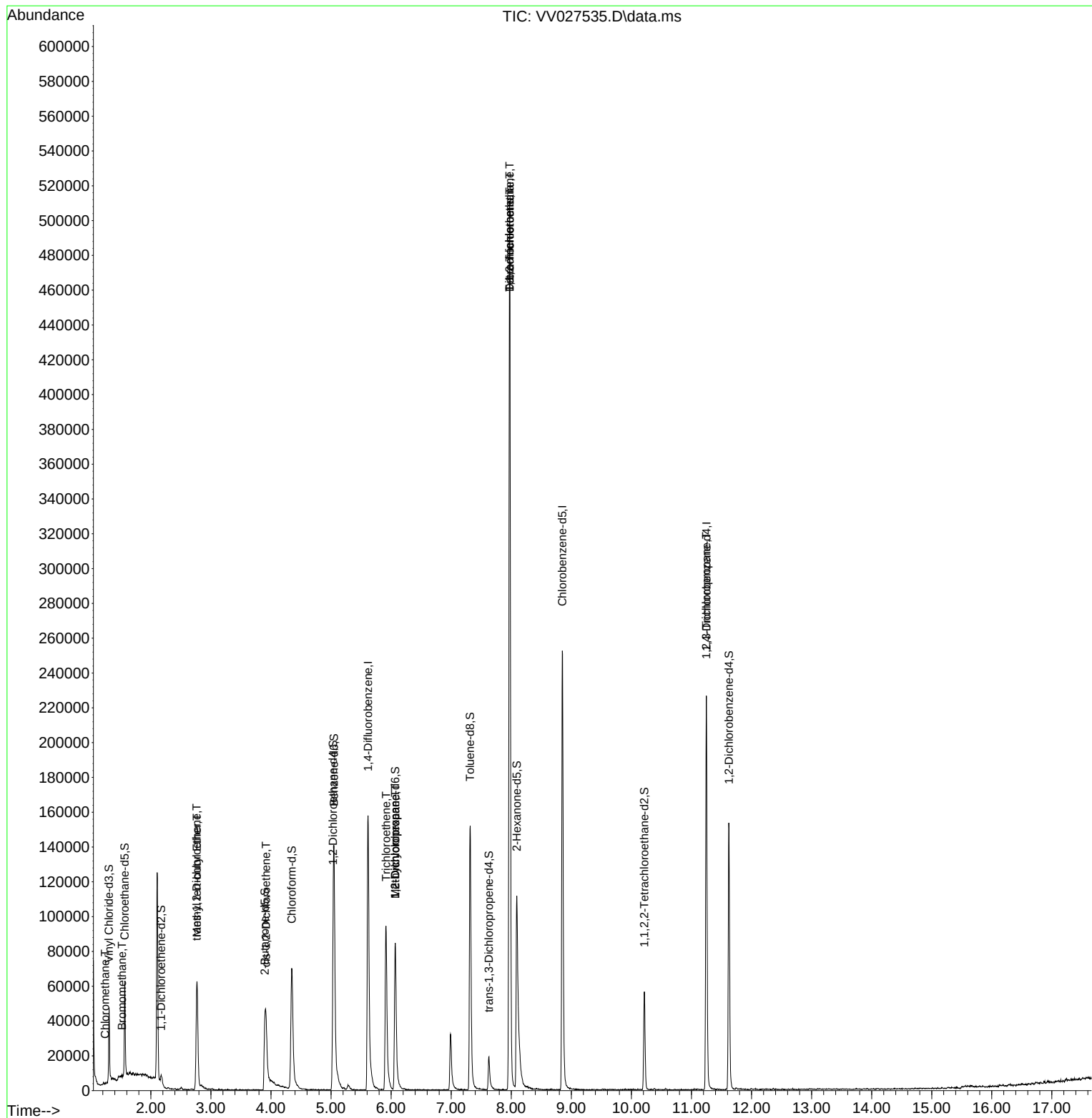
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	147212	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	142852	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60872	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	31593	3.015	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.400%
7) Chloroethane-d5	1.564	69	34157	4.455	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.172	63	3806	0.156	ug/L	0.07
Spiked Amount	5.000	Range	60 - 125	Recovery	=	3.200%#
20) 2-Butanone-d5	3.896	46	40199	30.830	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	61.660%
24) Chloroform-d	4.346	84	74992	3.580	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.600%
26) 1,2-Dichloroethane-d4	5.034	65	33697	3.718	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.400%
32) Benzene-d6	5.050	84	133690	3.379	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	67.600%#
36) 1,2-Dichloropropane-d6	6.069	67	42236	3.671	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.400%
41) Toluene-d8	7.317	98	107795	3.017	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	60.400%#
43) trans-1,3-Dichloroprop...	7.629	79	11963	3.037	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	60.800%
46) 2-Hexanone-d5	8.092	63	47185	36.392	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.780%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26933	3.676	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	39761	4.406	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	647	0.047	ug/L #	79
6) Bromomethane	1.519	94	367	0.054	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	56298	2.443	ug/L	96
18) trans-1,2-Dichloroethene	2.764	96	1623	0.141	ug/L	95
22) cis-1,2-Dichloroethene	3.915	96	19439	1.590	ug/L	89
34) Trichloroethene	5.915	95	36019	2.882	ug/L	95
35) Methylcyclohexane	6.069	83	9806	0.558	ug/L #	15
37) 1,2-Dichloropropane	6.069	63	4639	0.366	ug/L #	85
45) 1,1,2-Trichloroethane	7.973	97	1138	0.141	ug/L #	15
47) Tetrachloroethene	7.973	164	114592	11.768	ug/L	98
49) Dibromochloromethane	7.973	129	105744	10.621	ug/L #	9
61) 1,2,3-Trichloropropane	11.246	75	6649	1.245	ug/L #	69

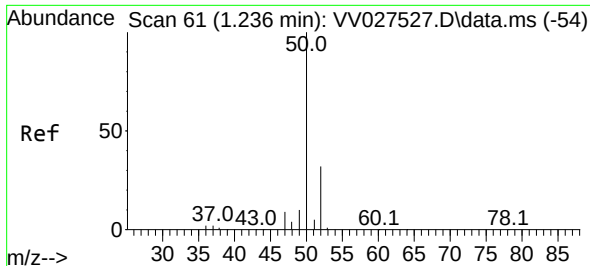
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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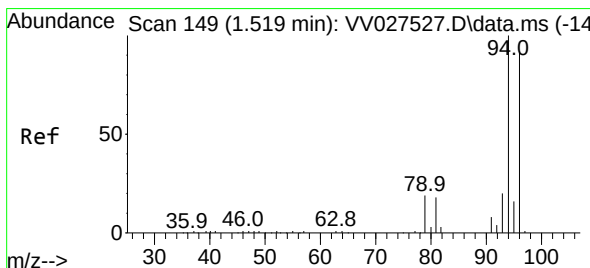
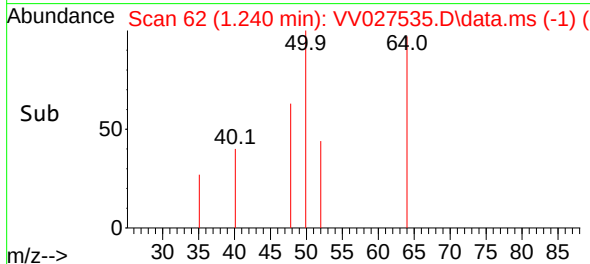
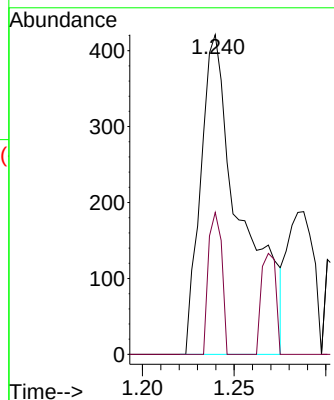
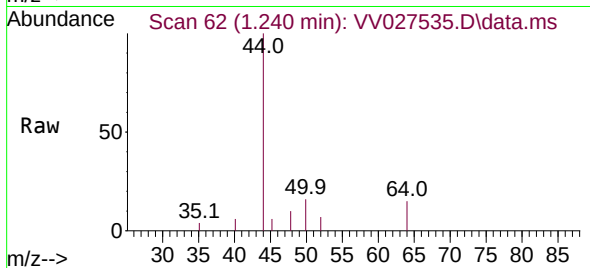




#3
Chloromethane
Concen: 0.047 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV027535.D
Acq: 26 Aug 2022 15:12

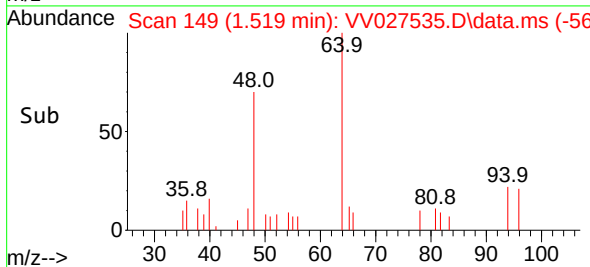
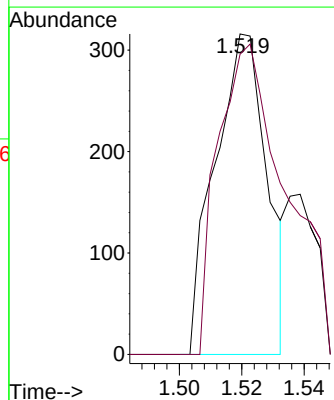
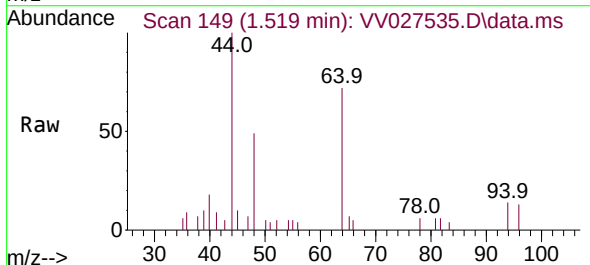
Instrument :
MSVOA_V
ClientSampleId :

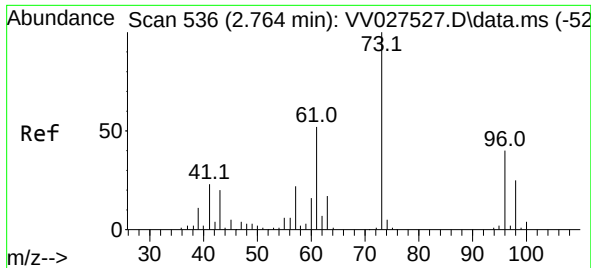
Tgt Ion: 50 Resp: 647
Ion Ratio Lower Upper
50 100
52 44.4 22.8 42.4#



#6
Bromomethane
Concen: 0.054 ug/L
RT: 1.519 min Scan# 149
Delta R.T. 0.000 min
Lab File: VV027535.D
Acq: 26 Aug 2022 15:12

Tgt Ion: 94 Resp: 367
Ion Ratio Lower Upper
94 100
96 93.7 65.2 121.0

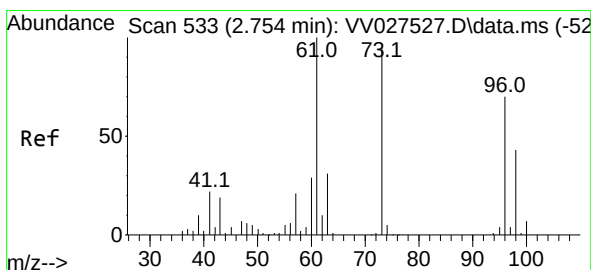
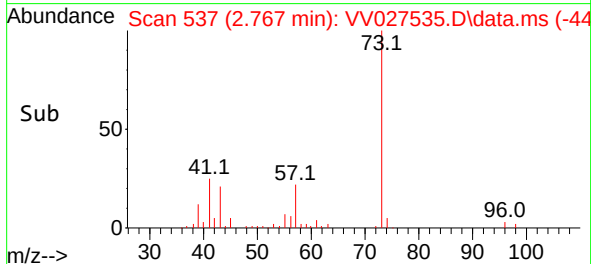
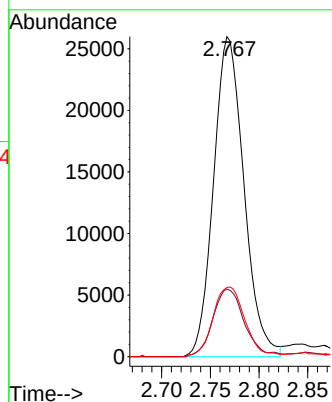
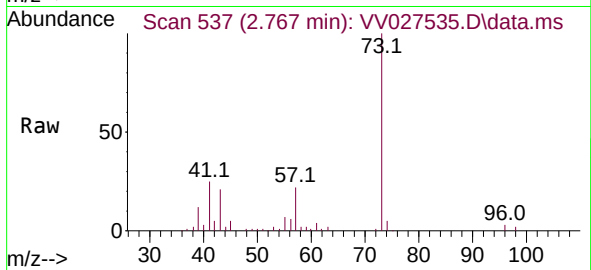




#17
Methyl tert-butyl Ether
Concen: 2.443 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV027535.D
Acq: 26 Aug 2022 15:12

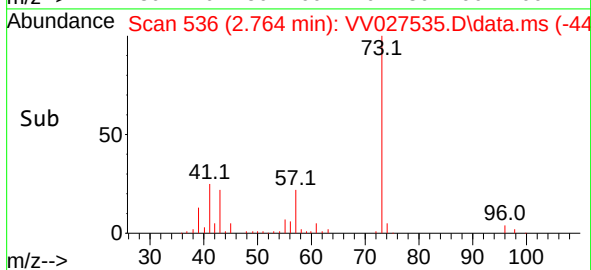
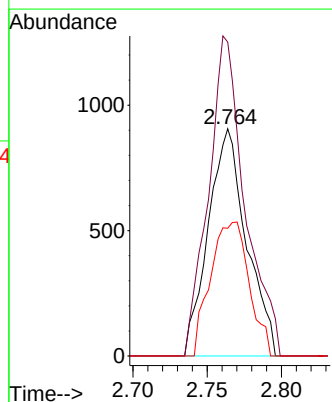
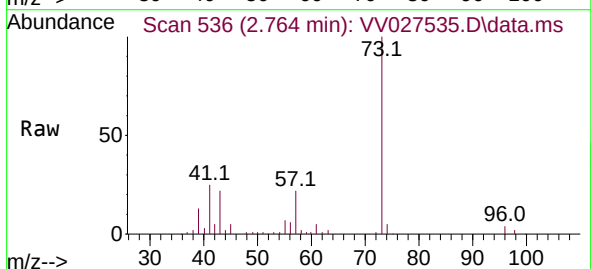
Instrument :
MSVOA_V
ClientSampleId :

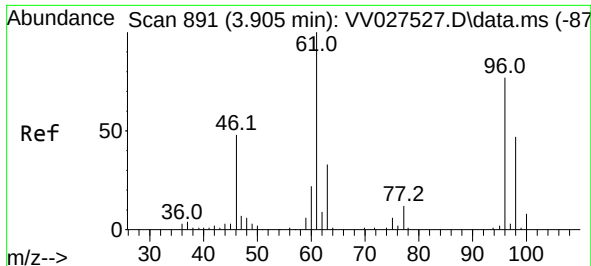
Tgt Ion: 73 Resp: 56298
Ion Ratio Lower Upper
73 100
43 22.0 15.6 23.4
57 22.8 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 0.141 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.010 min
Lab File: VV027535.D
Acq: 26 Aug 2022 15:12

Tgt Ion: 96 Resp: 1623
Ion Ratio Lower Upper
96 100
61 138.2 97.6 181.4
98 56.2 45.9 85.3





#22

cis-1,2-Dichloroethene

Concen: 1.590 ug/L

RT: 3.915 min Scan# 891

Delta R.T. 0.010 min

Lab File: VV027535.D

Acq: 26 Aug 2022 15:12

Instrument :

MSVOA_V

ClientSampleId :

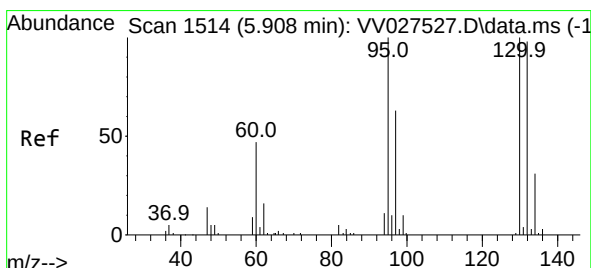
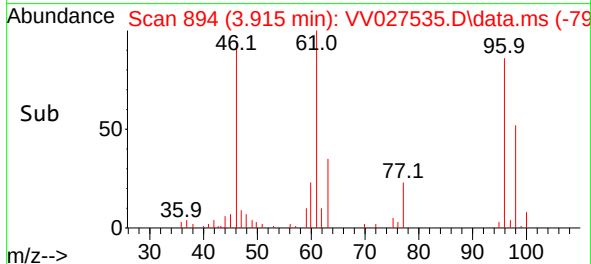
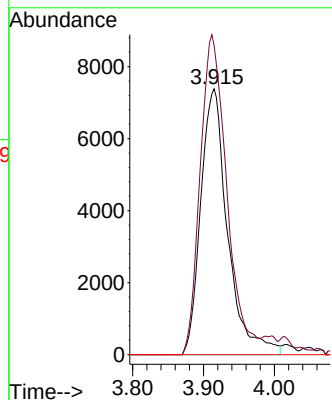
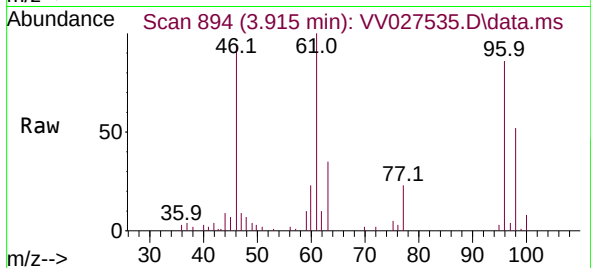
Tgt Ion: 96 Resp: 19439

Ion Ratio Lower Upper

96 100

61 116.3 90.6 168.2

68 0.0 0.0 0.0



#34

Trichloroethene

Concen: 2.882 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VV027535.D

Acq: 26 Aug 2022 15:12

Tgt Ion: 95 Resp: 36019

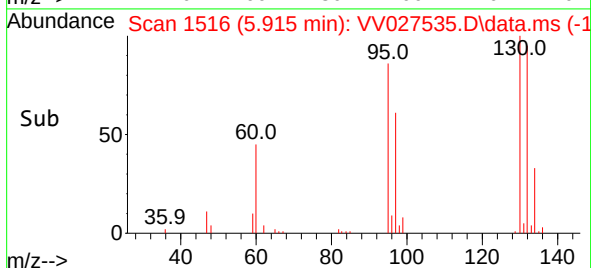
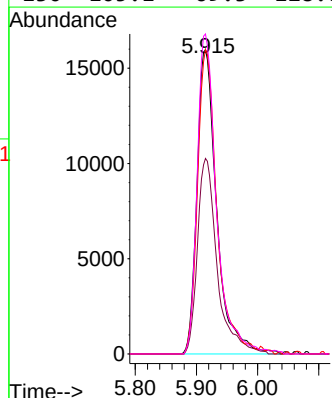
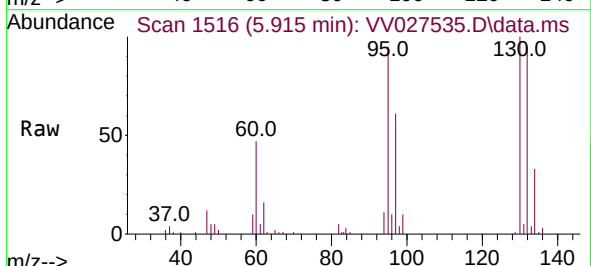
Ion Ratio Lower Upper

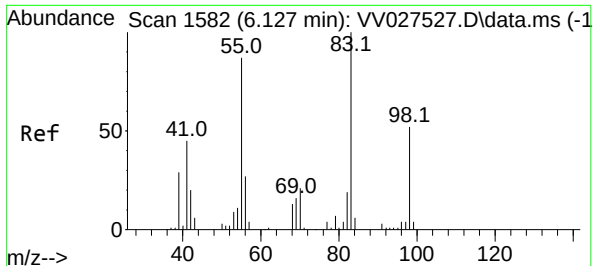
95 100

97 64.2 45.0 83.6

132 100.0 65.7 121.9

130 105.1 69.3 128.7





#35

Methylcyclohexane

Concen: 0.558 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV027535.D

Acq: 26 Aug 2022 15:12

Instrument :

MSVOA_V

ClientSampleId :

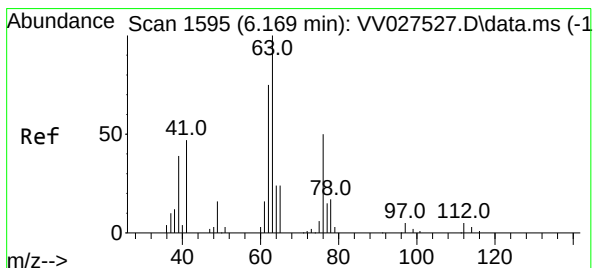
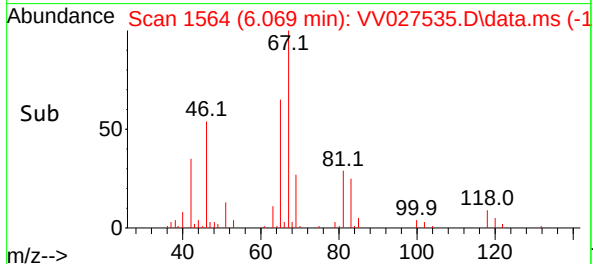
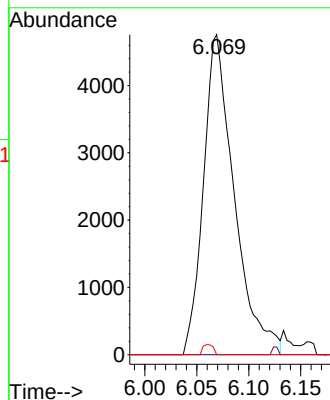
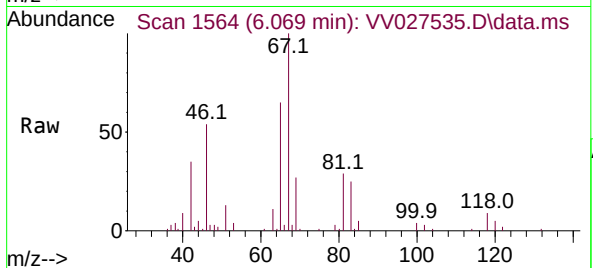
Tgt Ion: 83 Resp: 9806

Ion Ratio Lower Upper

83 100

55 0.4 68.2 102.4#

98 1.1 39.0 58.4#



#37

1,2-Dichloropropane

Concen: 0.366 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.100 min

Lab File: VV027535.D

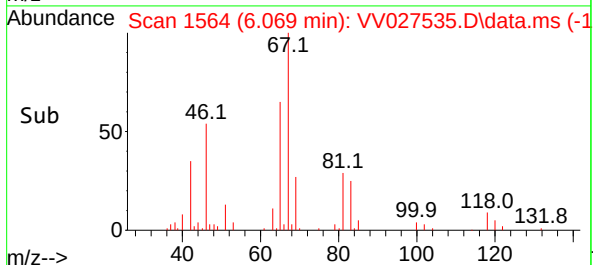
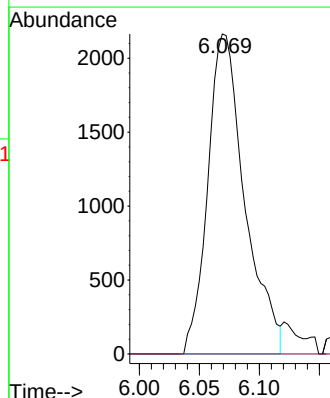
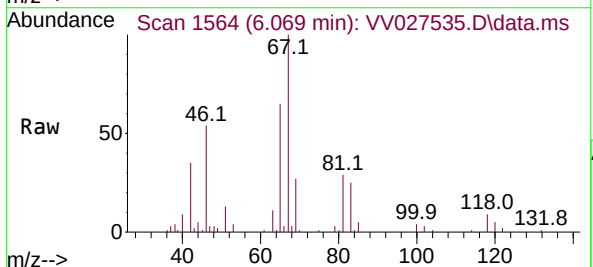
Acq: 26 Aug 2022 15:12

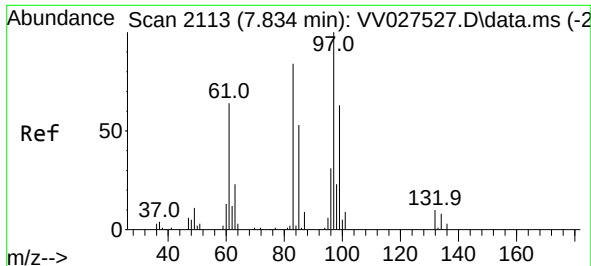
Tgt Ion: 63 Resp: 4639

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#





#45

1,1,2-Trichloroethane

Concen: 0.141 ug/L

RT: 7.973 min Scan# 2113

Delta R.T. 0.138 min

Lab File: VV027535.D

Acq: 26 Aug 2022 15:12

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 1138

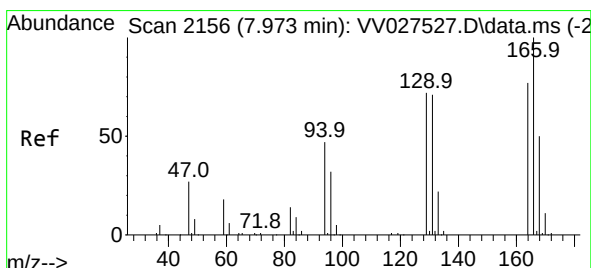
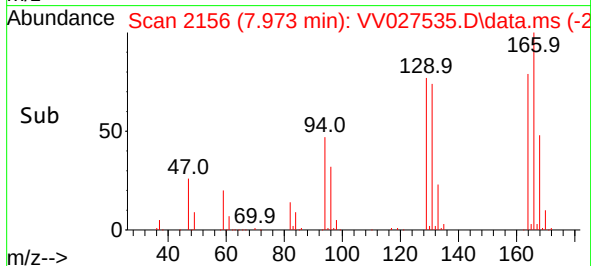
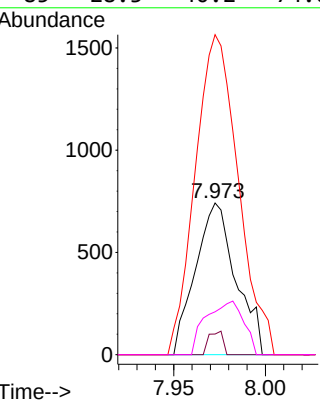
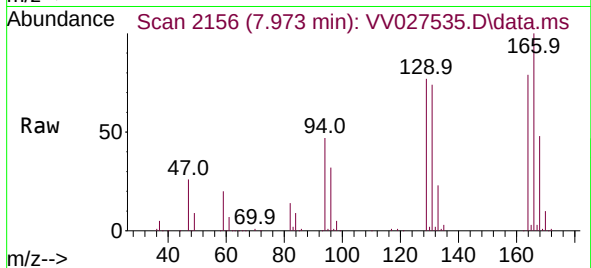
Ion Ratio Lower Upper

97 100

99 13.6 46.1 85.7#

83 210.9 63.0 117.0#

85 28.3 40.2 74.6#



#47

Tetrachloroethene

Concen: 11.768 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV027535.D

Acq: 26 Aug 2022 15:12

Tgt Ion:164 Resp: 114592

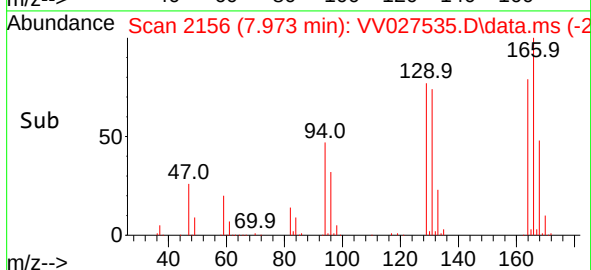
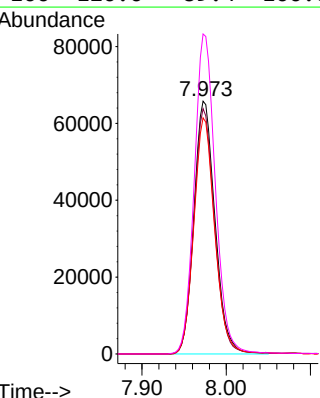
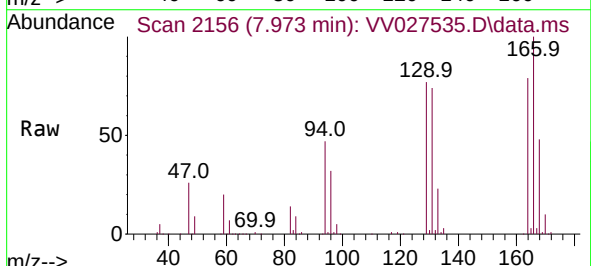
Ion Ratio Lower Upper

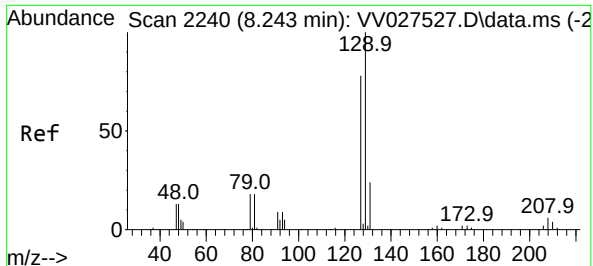
164 100

129 97.0 71.1 132.1

131 93.4 64.5 119.9

166 126.6 89.4 166.0





#49

Dibromochloromethane

Concen: 10.621 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV027535.D

Acq: 26 Aug 2022 15:12

Instrument :

MSVOA_V

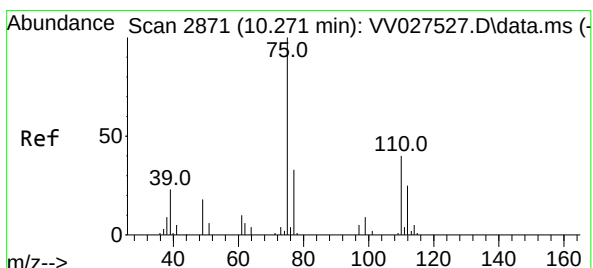
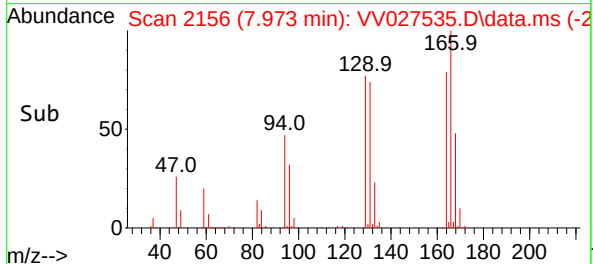
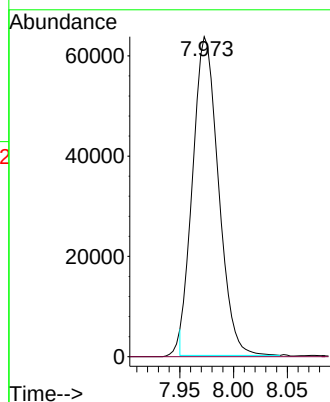
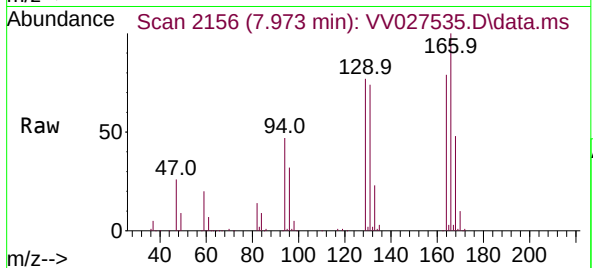
ClientSampleId :

Tgt Ion:129 Resp: 105744

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#



#61

1,2,3-Trichloropropane

Concen: 1.245 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV027535.D

Acq: 26 Aug 2022 15:12

Tgt Ion: 75 Resp: 6649

Ion Ratio Lower Upper

75 100

77 32.7 26.2 39.2

110 2.5 29.9 44.9#

