

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082622\
 Data File : VV027544.D
 Acq On : 26 Aug 2022 19:19
 Operator : SY/MD
 Sample : N4368-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 27 03:17:14 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)

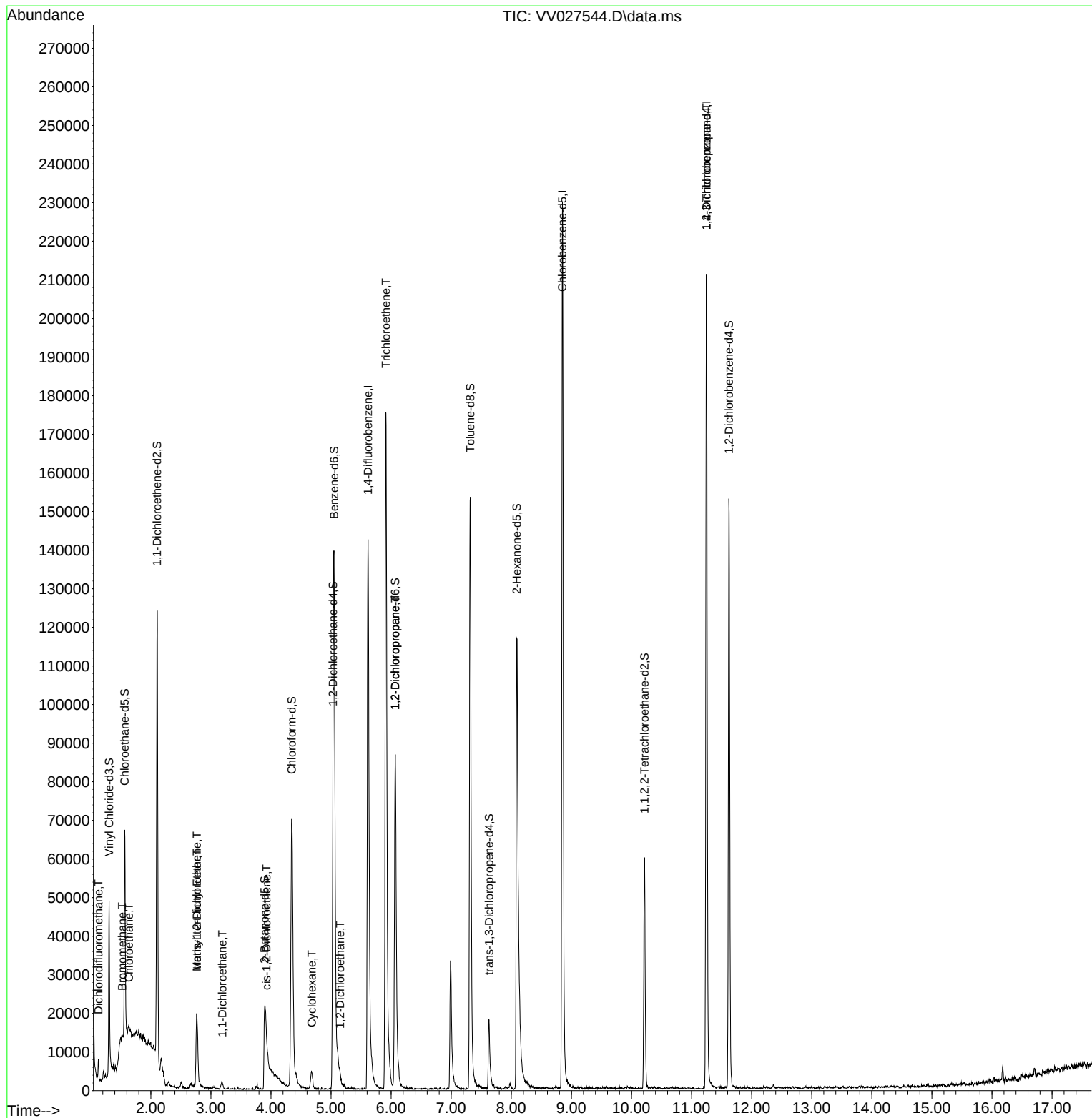
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	130369	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	132863	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55713	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	31196	3.362	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.200%
7) Chloroethane-d5	1.565	69	34045	5.014	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.105	63	63322	2.927	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.600%#
20) 2-Butanone-d5	3.892	46	39633	34.323	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.640%
24) Chloroform-d	4.346	84	73655	3.970	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.400%
26) 1,2-Dichloroethane-d4	5.031	65	36035	4.490	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
32) Benzene-d6	5.050	84	132894	3.611	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.200%
36) 1,2-Dichloropropane-d6	6.069	67	42324	3.956	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.200%
41) Toluene-d8	7.317	98	109687	3.301	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.000%#
43) trans-1,3-Dichloroprop...	7.629	79	12512	3.415	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.400%
46) 2-Hexanone-d5	8.092	63	49251	40.841	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.680%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28294	4.153	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	39205	4.747	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	2816	0.204	ug/L	97
6) Bromomethane	1.523	94	359	0.060	ug/L	86
8) Chloroethane	1.635	64	537	0.076	ug/L #	51
17) Methyl tert-butyl Ether	2.767	73	10326	0.506	ug/L #	86
18) trans-1,2-Dichloroethene	2.764	96	3615	0.356	ug/L	91
19) 1,1-Dichloroethane	3.188	63	1073	0.051	ug/L #	86
22) cis-1,2-Dichloroethene	3.925	96	2451	0.226	ug/L	91
27) 1,2-Dichloroethane	5.150	62	1315	0.113	ug/L #	74
30) Cyclohexane	4.677	56	2302	0.147	ug/L #	81
34) Trichloroethene	5.912	95	65165	5.606	ug/L	98
37) 1,2-Dichloropropane	6.069	63	5515	0.468	ug/L #	85
61) 1,2,3-Trichloropropane	11.249	75	6440	1.318	ug/L #	63

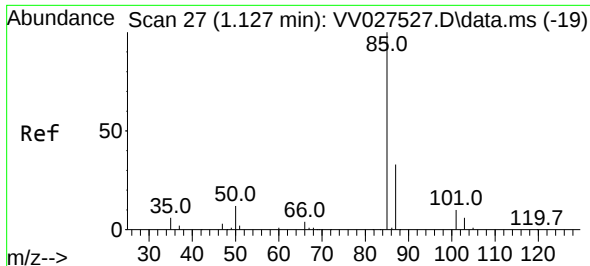
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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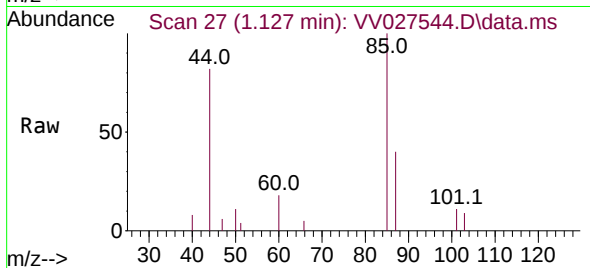
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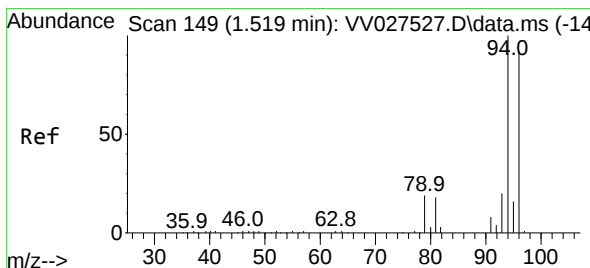
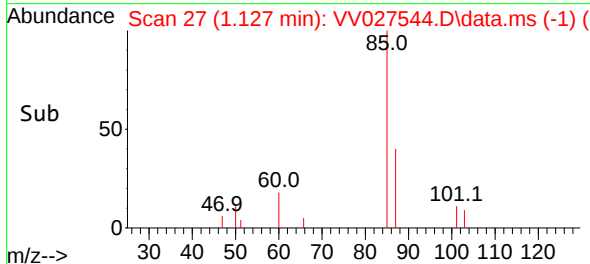
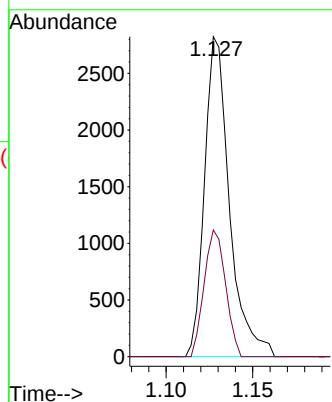


#2
 Dichlorodifluoromethane
 Concen: 0.204 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV027544.D
 Acq: 26 Aug 2022 19:19

Instrument :
 MSVOA_V
 ClientSampleId :

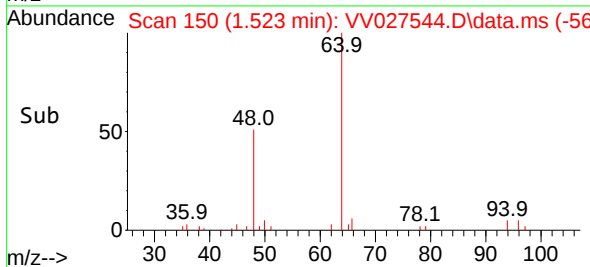
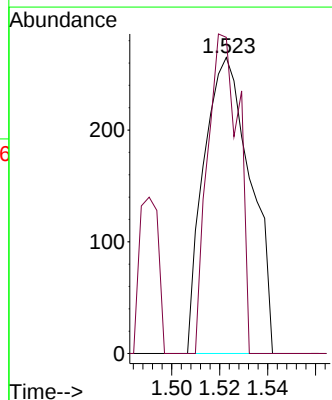
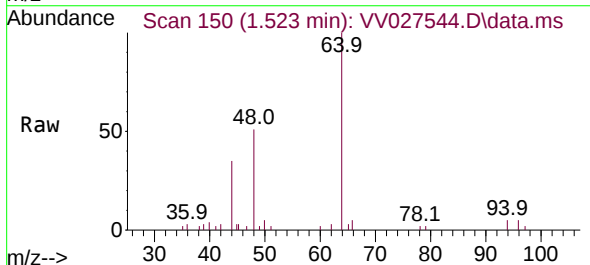


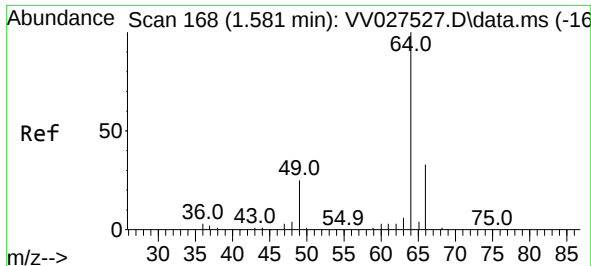
Tgt Ion: 85 Resp: 2816
 Ion Ratio Lower Upper
 85 100
 87 33.9 26.0 39.0



#6
 Bromomethane
 Concen: 0.060 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV027544.D
 Acq: 26 Aug 2022 19:19

Tgt Ion: 94 Resp: 359
 Ion Ratio Lower Upper
 94 100
 96 106.8 65.2 121.0

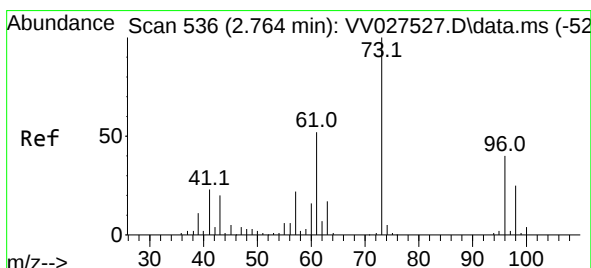
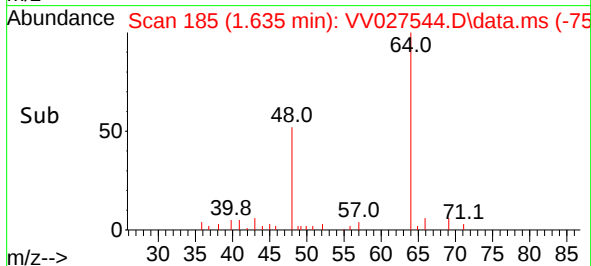
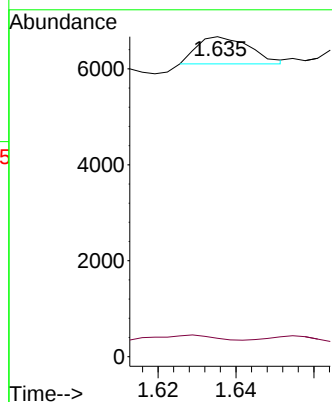
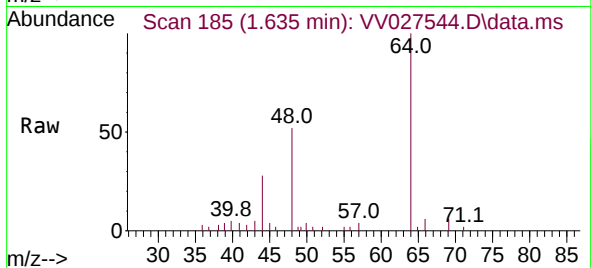




#8
Chloroethane
Concen: 0.076 ug/L
RT: 1.635 min Scan# 11
Delta R.T. 0.055 min
Lab File: VV027544.D
Acq: 26 Aug 2022 19:19

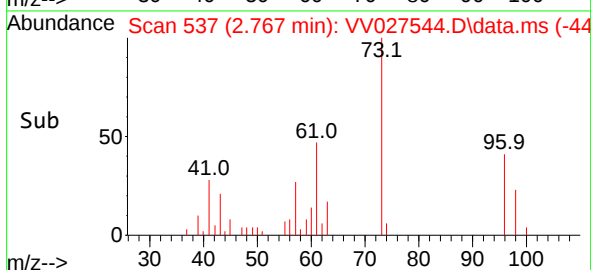
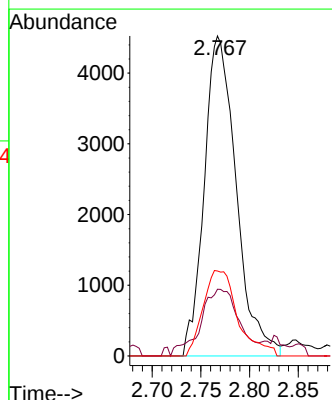
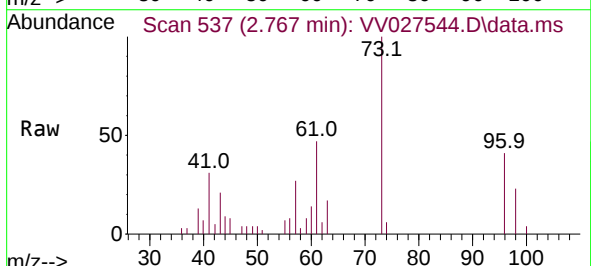
Instrument :
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ClientSampleId :

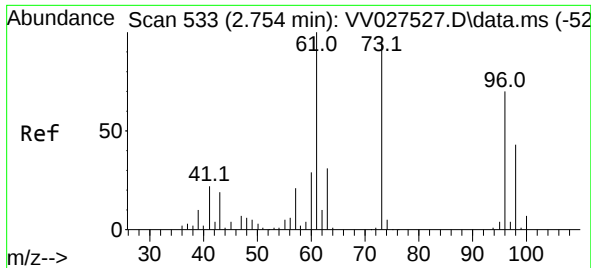
Tgt Ion: 64 Resp: 537
Ion Ratio Lower Upper
64 100
66 5.8 23.3 43.3#



#17
Methyl tert-butyl Ether
Concen: 0.506 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV027544.D
Acq: 26 Aug 2022 19:19

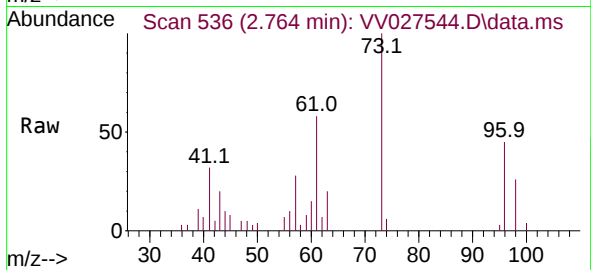
Tgt Ion: 73 Resp: 10326
Ion Ratio Lower Upper
73 100
43 25.1 15.6 23.4#
57 28.8 17.0 25.6#



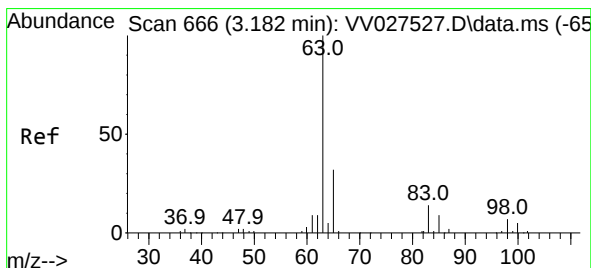
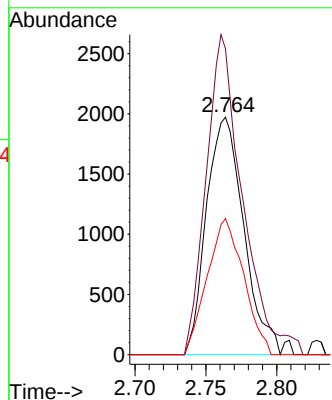
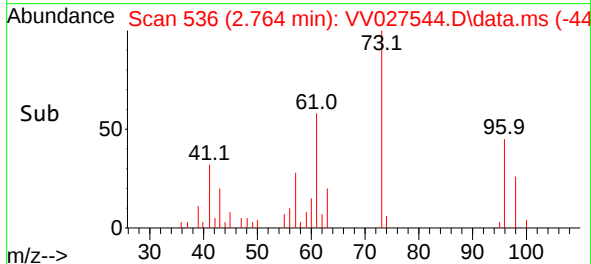


#18
 trans-1,2-Dichloroethene
 Concen: 0.356 ug/L
 RT: 2.764 min Scan# 51
 Delta R.T. 0.010 min
 Lab File: VV027544.D
 Acq: 26 Aug 2022 19:19

Instrument :
 MSVOA_V
 ClientSampleId :

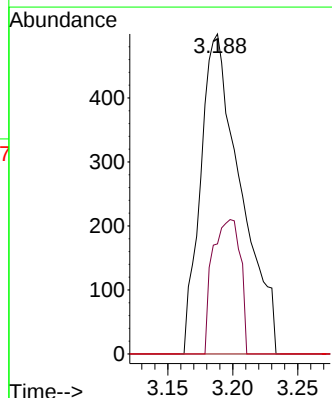
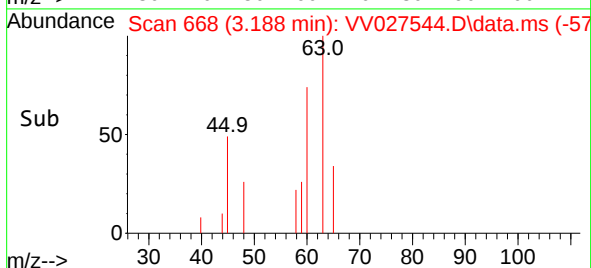
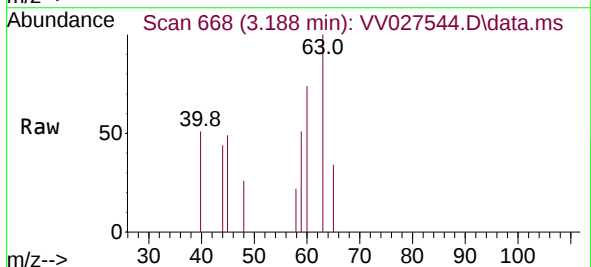


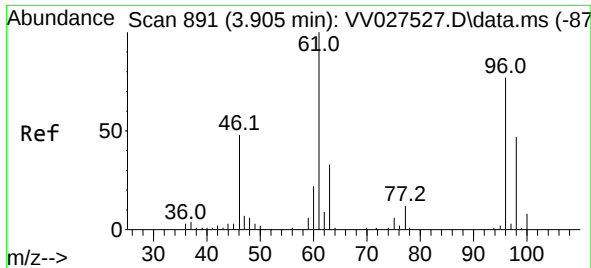
Tgt Ion: 96 Resp: 3615
 Ion Ratio Lower Upper
 96 100
 61 128.9 97.6 181.4
 98 57.3 45.9 85.3



#19
 1,1-Dichloroethane
 Concen: 0.051 ug/L
 RT: 3.188 min Scan# 668
 Delta R.T. 0.007 min
 Lab File: VV027544.D
 Acq: 26 Aug 2022 19:19

Tgt Ion: 63 Resp: 1073
 Ion Ratio Lower Upper
 63 100
 65 34.4 22.1 41.1
 83 0.0 9.6 17.8#

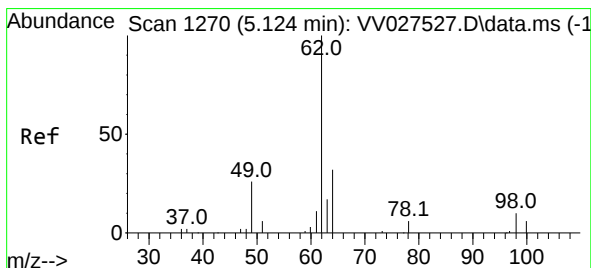
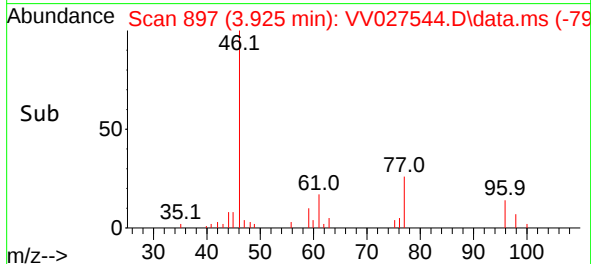
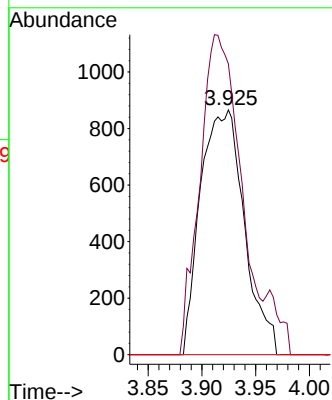
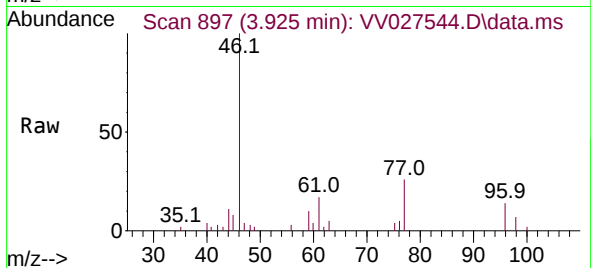




#22
 cis-1,2-Dichloroethene
 Concen: 0.226 ug/L
 RT: 3.925 min Scan# 891
 Delta R.T. 0.019 min
 Lab File: VV027544.D
 Acq: 26 Aug 2022 19:19

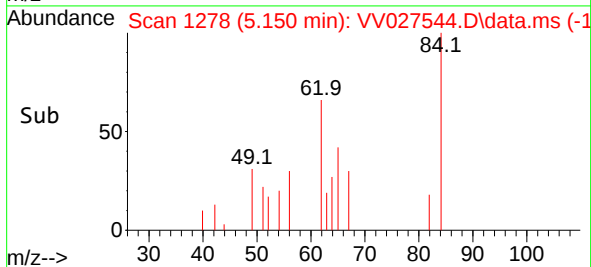
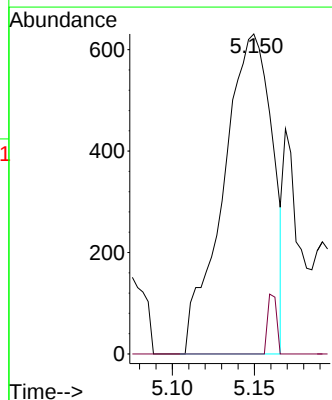
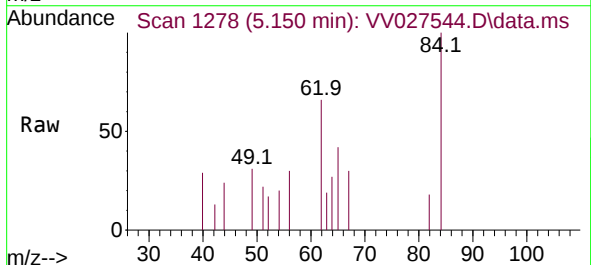
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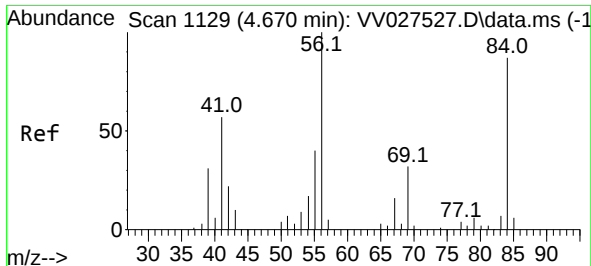
Tgt Ion: 96 Resp: 2451
 Ion Ratio Lower Upper
 96 100
 61 118.8 90.6 168.2
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.113 ug/L
 RT: 5.150 min Scan# 1278
 Delta R.T. 0.026 min
 Lab File: VV027544.D
 Acq: 26 Aug 2022 19:19

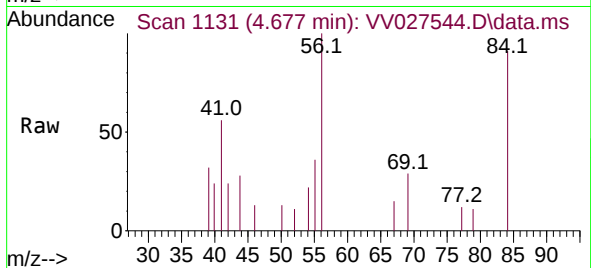
Tgt Ion: 62 Resp: 1315
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.4 11.2#



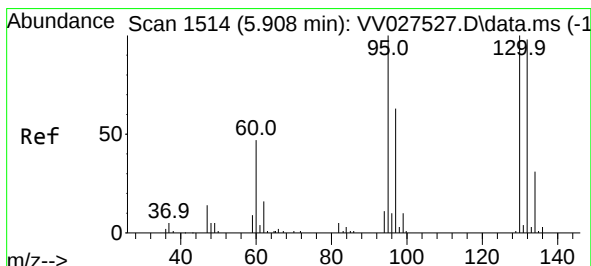
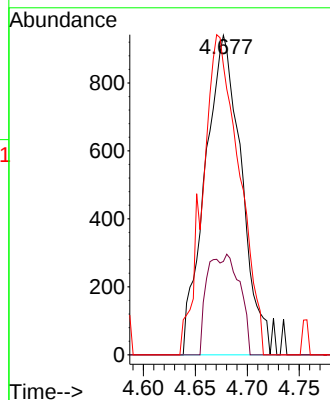
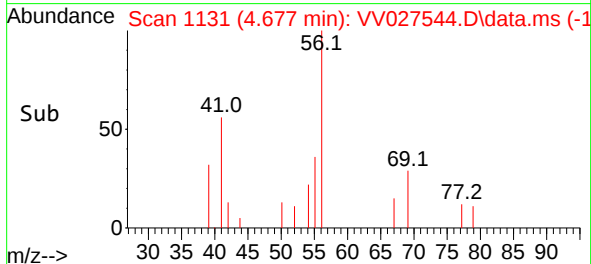


#30
Cyclohexane
Concen: 0.147 ug/L
RT: 4.677 min Scan# 1129
Delta R.T. 0.007 min
Lab File: VV027544.D
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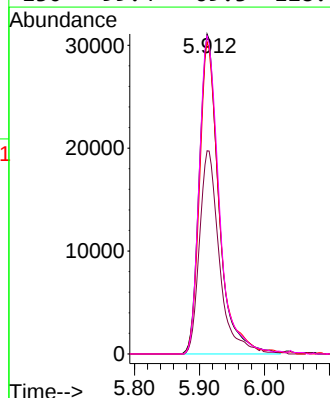
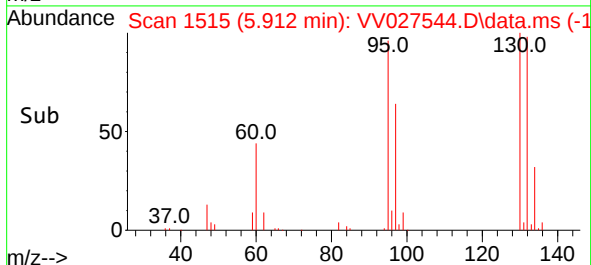
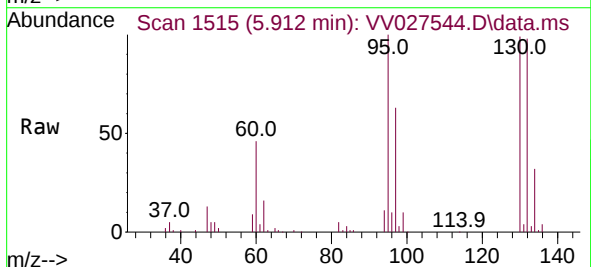


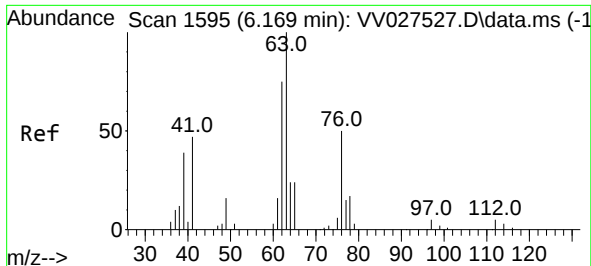
Tgt Ion: 56 Resp: 2302
Ion Ratio Lower Upper
56 100
69 12.4 25.4 38.0#
84 99.3 69.7 104.5



#34
Trichloroethene
Concen: 5.606 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV027544.D
Acq: 26 Aug 2022 19:19

Tgt Ion: 95 Resp: 65165
Ion Ratio Lower Upper
95 100
97 63.5 45.0 83.6
132 97.5 65.7 121.9
130 99.4 69.3 128.7





#37

1,2-Dichloropropane

Concen: 0.468 ug/L

RT: 6.069 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV027544.D

Acq: 26 Aug 2022 19:19

Instrument :

MSVOA_V

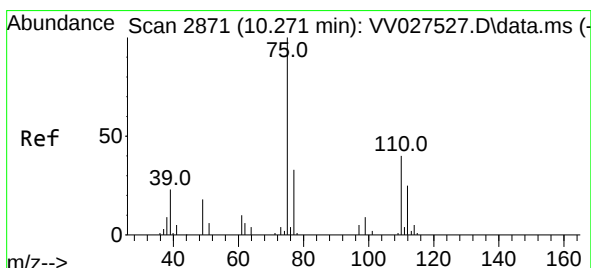
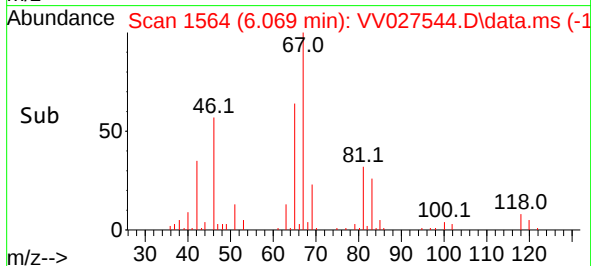
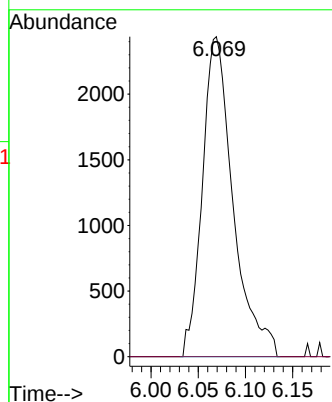
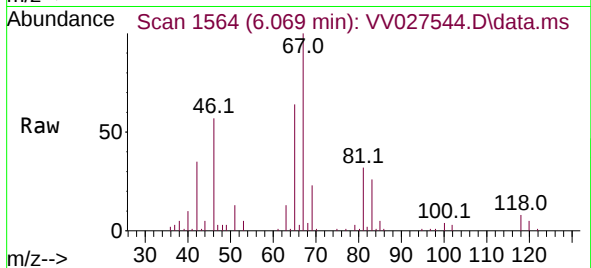
ClientSampleId :

Tgt Ion: 63 Resp: 5515

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#61

1,2,3-Trichloropropane

Concen: 1.318 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.978 min

Lab File: VV027544.D

Acq: 26 Aug 2022 19:19

Tgt Ion: 75 Resp: 6440

Ion Ratio Lower Upper

75 100

77 37.9 26.2 39.2

110 1.2 29.9 44.9#

