

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112222\
 Data File : VW029284.D
 Acq On : 23 Nov 2022 00:13
 Operator : SY/MD
 Sample : N5651-13DL 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 23 04:48:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 23 01:46:18 2022
 Response via : Initial Calibration

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

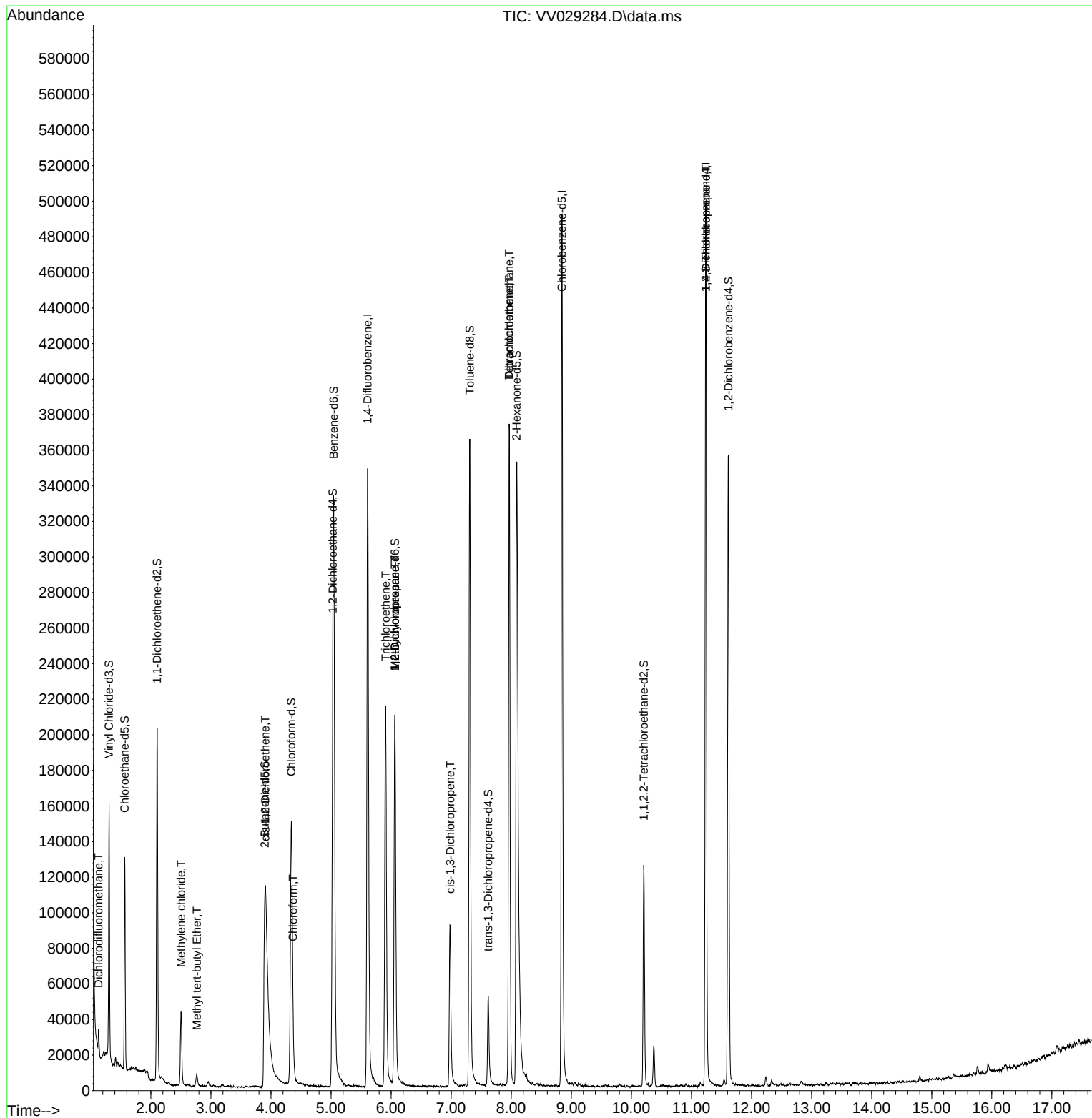
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	294768	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	264637	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	122020	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	86119	3.063	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.200%
7) Chloroethane-d5	1.565	69	76567	3.479	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.600%
11) 1,1-Dichloroethene-d2	2.105	63	109038	2.277	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	45.600%#
20) 2-Butanone-d5	3.899	46	221282	53.314	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.620%
24) Chloroform-d	4.339	84	153583	3.852	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.000%
26) 1,2-Dichloroethane-d4	5.027	65	80206	4.253	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
32) Benzene-d6	5.044	84	309873	3.591	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.800%
36) 1,2-Dichloropropane-d6	6.063	67	109212	4.006	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.200%
41) Toluene-d8	7.310	98	244831	3.149	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.000%#
43) trans-1,3-Dichloroprop...	7.616	79	31398	3.459	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.200%
46) 2-Hexanone-d5	8.088	63	90060	55.347	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.700%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	63212	4.664	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	11.616	152	89378	3.797	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	76.000%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	1987	0.081	ug/L	100
16) Methylene chloride	2.503	84	16743	0.489	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	5238	0.110	ug/L #	87
22) cis-1,2-Dichloroethene	3.905	96	5806	0.241	ug/L	85
25) Chloroform	4.365	83	6019	0.142	ug/L	97
34) Trichloroethene	5.908	95	77649	3.062	ug/L	97
35) Methylcyclohexane	6.063	83	23590	0.576	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	11786	0.472	ug/L #	88
39) cis-1,3-Dichloropropene	6.986	75	2702	0.084	ug/L #	39
47) Tetrachloroethene	7.966	164	78777	4.731	ug/L	94
49) Dibromochloromethane	7.966	129	75155	4.850	ug/L #	11
61) 1,2,3-Trichloropropane	11.239	75	17667	1.513	ug/L #	68

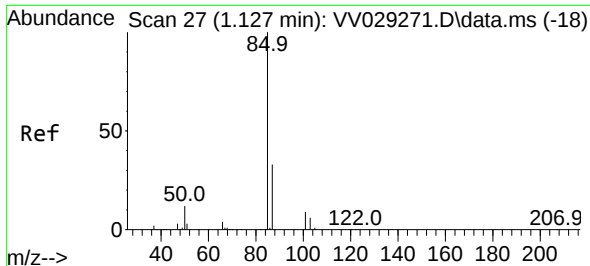
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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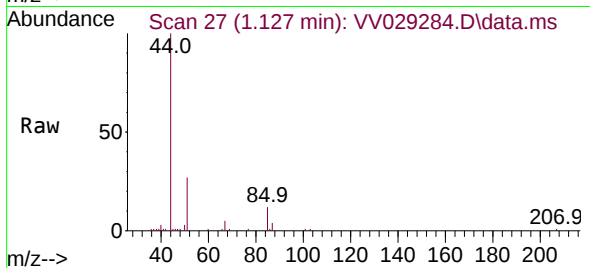
Quant Time: Nov 23 04:48:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112222WMA.M
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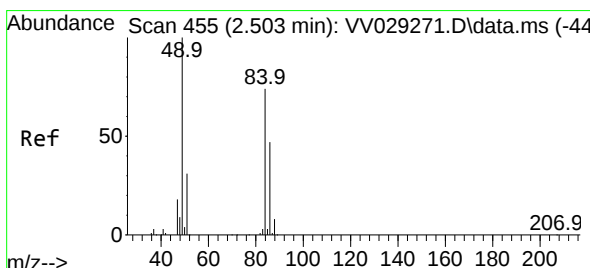
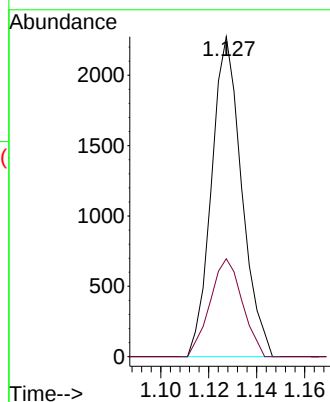
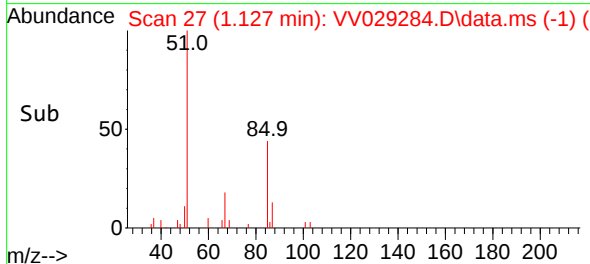


#2
Dichlorodifluoromethane
Concen: 0.081 ug/L
RT: 1.127 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029284.D
Acq: 23 Nov 2022 00:13

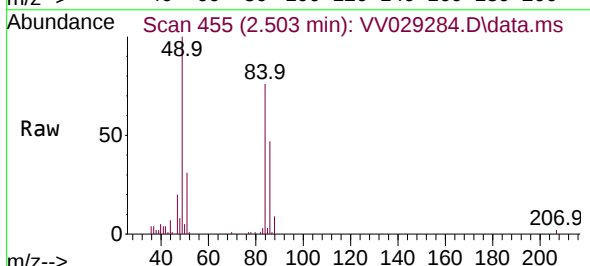
Instrument :
MSVOA_V
ClientSampleId :



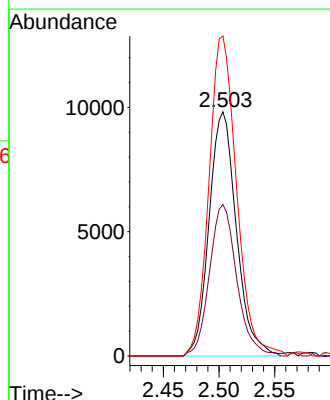
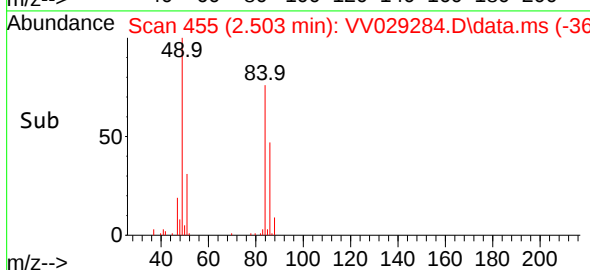
Tgt Ion: 85 Resp: 1987
Ion Ratio Lower Upper
85 100
87 32.7 26.3 39.5

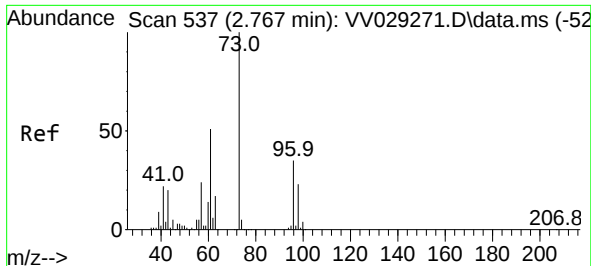


#16
Methylene chloride
Concen: 0.489 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV029284.D
Acq: 23 Nov 2022 00:13



Tgt Ion: 84 Resp: 16743
Ion Ratio Lower Upper
84 100
86 62.0 44.2 82.2
49 131.1 91.9 170.7





#17

Methyl tert-butyl Ether

Concen: 0.110 ug/L

RT: 2.767 min Scan# 51

Delta R.T. 0.000 min

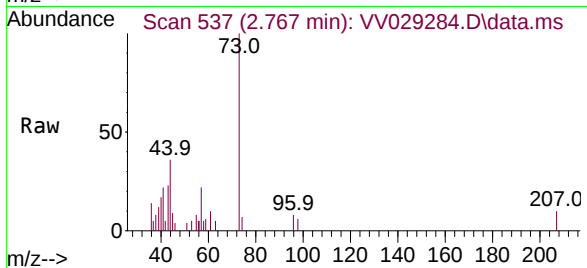
Lab File: VV029284.D

Acq: 23 Nov 2022 00:13

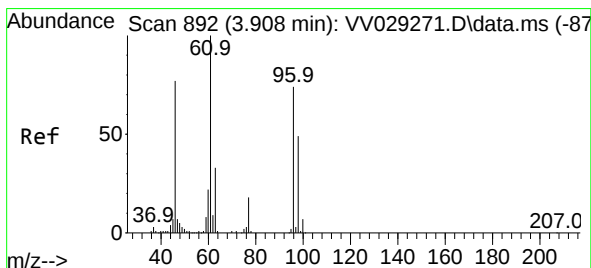
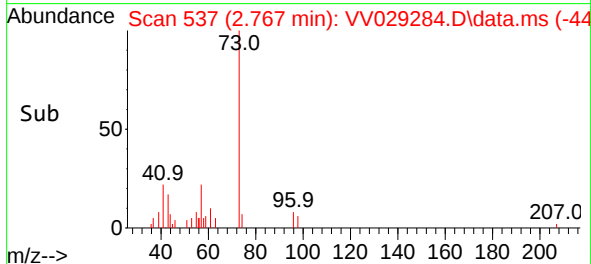
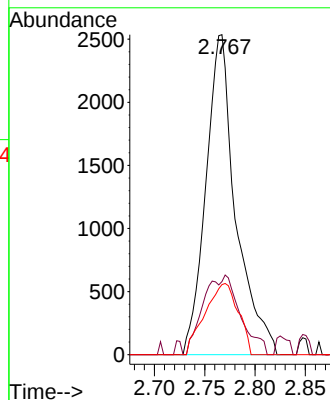
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 73	Resp: 5238
Ion Ratio	Lower Upper
73	100
43	31.0 15.4 23.2#
57	24.8 18.9 28.3



#22

cis-1,2-Dichloroethene

Concen: 0.241 ug/L

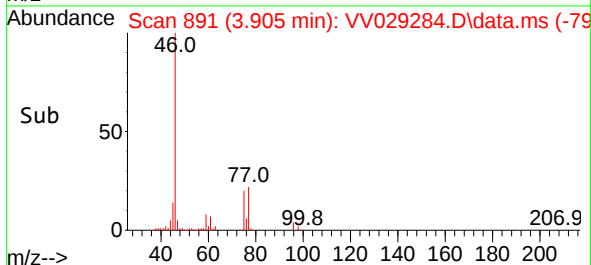
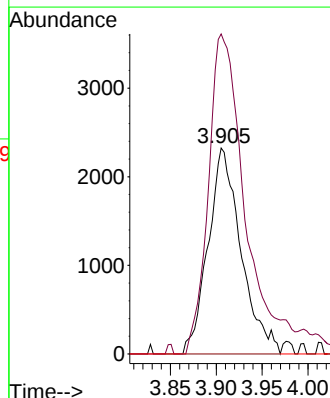
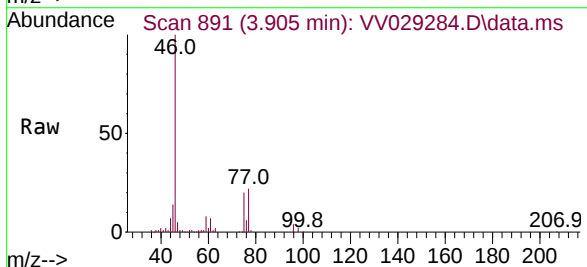
RT: 3.905 min Scan# 891

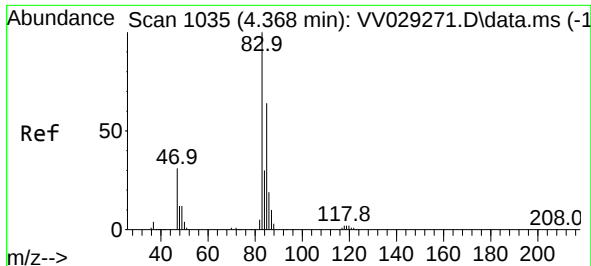
Delta R.T. -0.003 min

Lab File: VV029284.D

Acq: 23 Nov 2022 00:13

Tgt Ion: 96	Resp: 5806
Ion Ratio	Lower Upper
96	100
61	155.4 95.8 178.0
68	0.0 0.0 0.0





#25

Chloroform

Concen: 0.142 ug/L

RT: 4.365 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VV029284.D

Acq: 23 Nov 2022 00:13

Instrument :

MSVOA_V

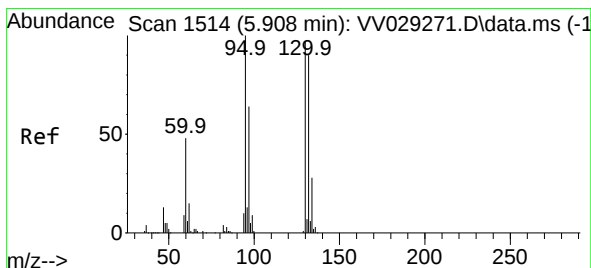
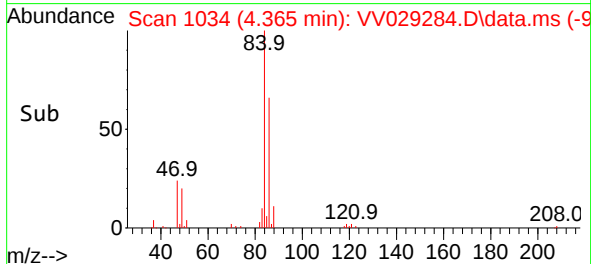
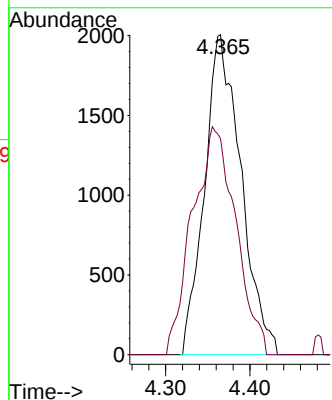
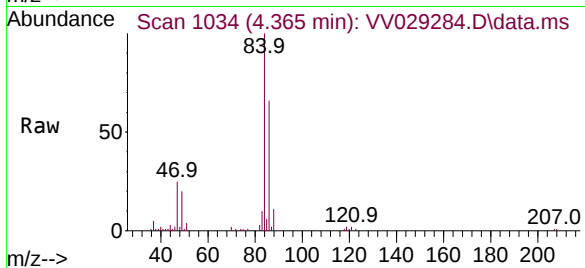
ClientSampleId :

Tgt Ion: 83 Resp: 6019

Ion Ratio Lower Upper

83 100

85 67.5 45.6 84.6



#34

Trichloroethene

Concen: 3.062 ug/L

RT: 5.908 min Scan# 1514

Delta R.T. 0.000 min

Lab File: VV029284.D

Acq: 23 Nov 2022 00:13

Tgt Ion: 95 Resp: 77649

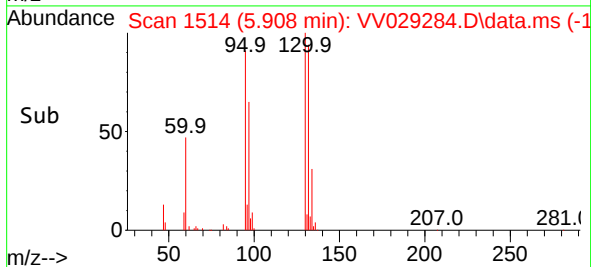
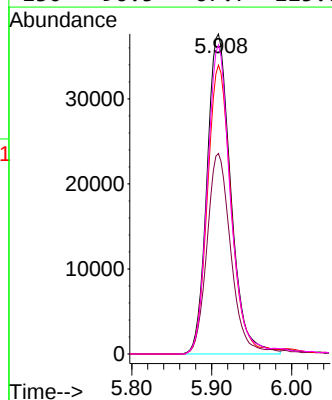
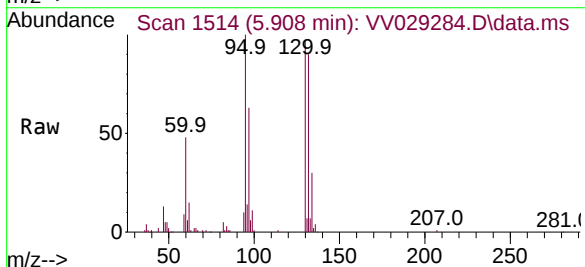
Ion Ratio Lower Upper

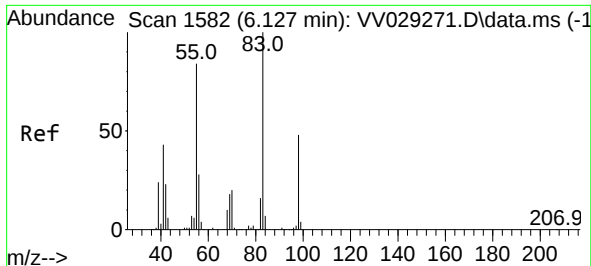
95 100

97 62.6 46.7 86.7

132 90.3 65.7 122.1

130 96.5 67.7 125.7

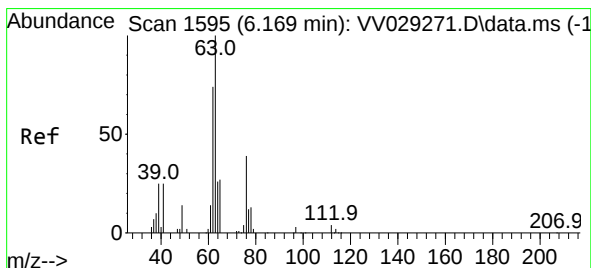
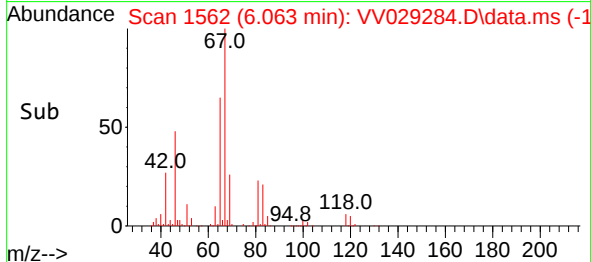
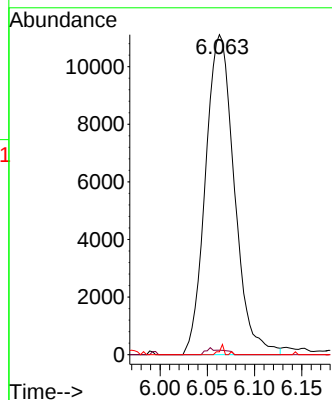
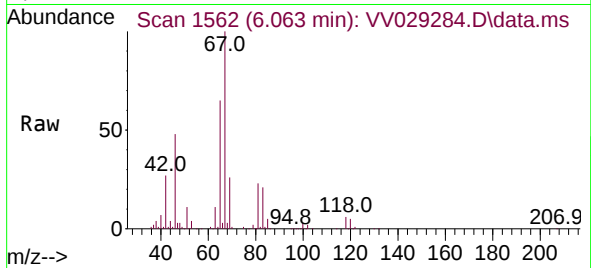




#35
Methylcyclohexane
Concen: 0.576 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.064 min
Lab File: VV029284.D
Acq: 23 Nov 2022 00:13

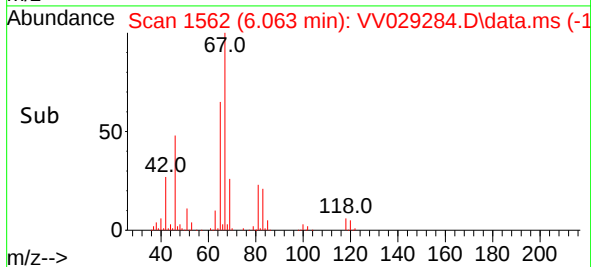
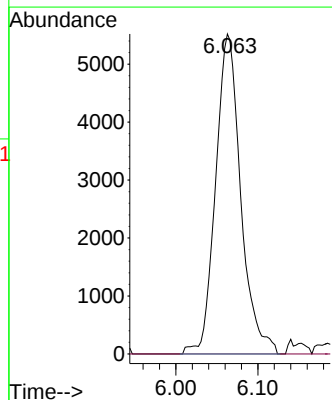
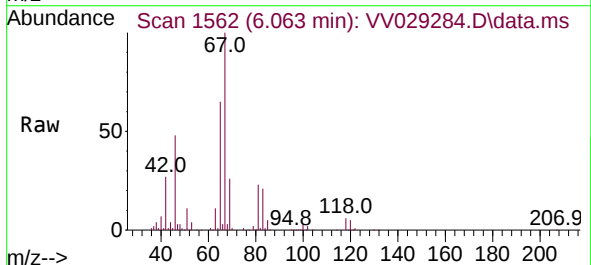
Instrument :
MSVOA_V
ClientSampleId :

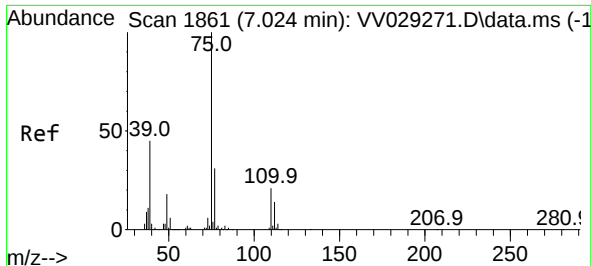
Tgt Ion	Ratio	Lower	Upper
83	100		
55	1.2	65.7	98.5#
98	0.0	37.7	56.5#



#37
1,2-Dichloropropane
Concen: 0.472 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.106 min
Lab File: VV029284.D
Acq: 23 Nov 2022 00:13

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#

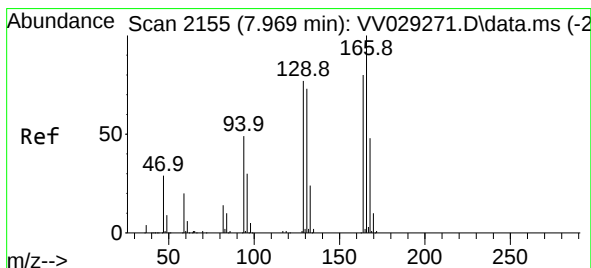
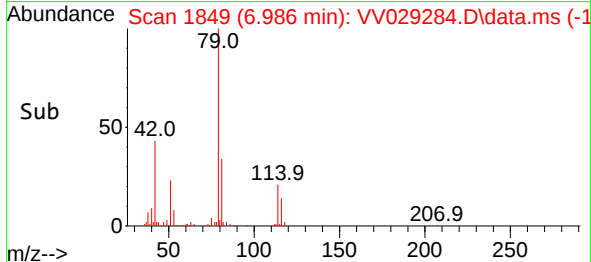
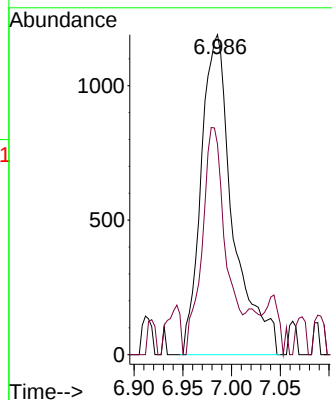
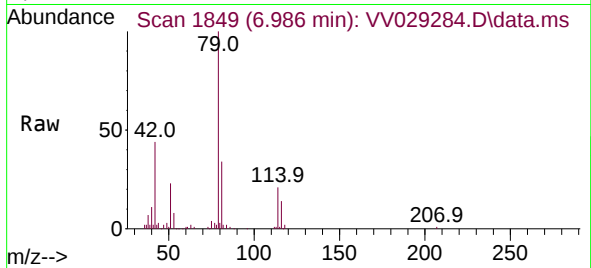




#39
cis-1,3-Dichloropropene
Concen: 0.084 ug/L
RT: 6.986 min Scan# 11
Delta R.T. -0.038 min
Lab File: VV029284.D
Acq: 23 Nov 2022 00:13

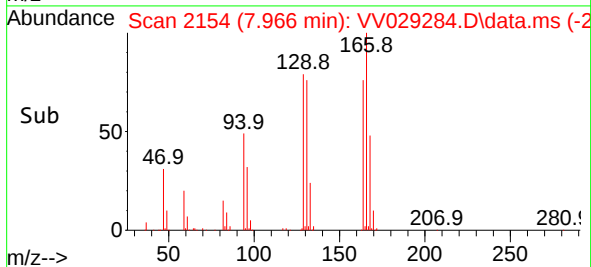
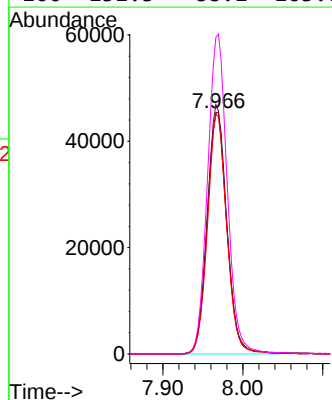
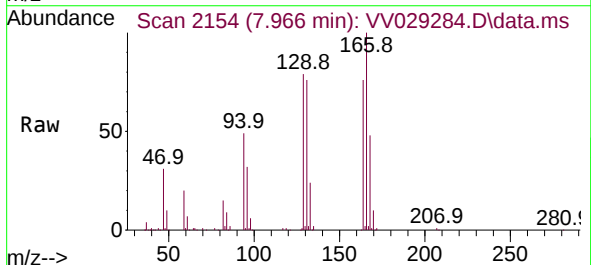
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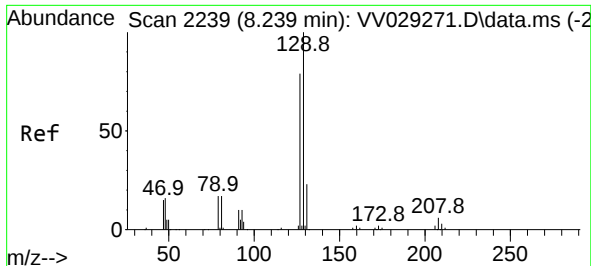
Tgt Ion: 75 Resp: 2702
Ion Ratio Lower Upper
75 100
77 65.8 22.3 41.5#



#47
Tetrachloroethene
Concen: 4.731 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. -0.003 min
Lab File: VV029284.D
Acq: 23 Nov 2022 00:13

Tgt Ion: 164 Resp: 78777
Ion Ratio Lower Upper
164 100
129 103.3 68.3 126.8
131 99.4 65.2 121.0
166 131.3 88.1 163.7





#49

Dibromochloromethane

Concen: 4.850 ug/L

RT: 7.966 min Scan# 2154

Delta R.T. -0.273 min

Lab File: VV029284.D

Acq: 23 Nov 2022 00:13

Instrument :

MSVOA_V

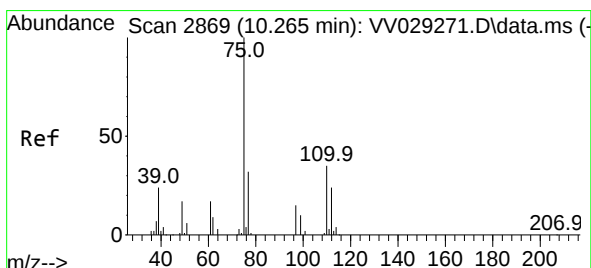
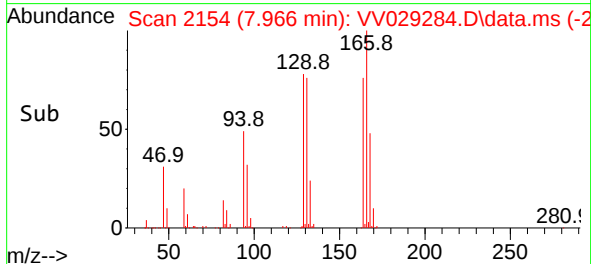
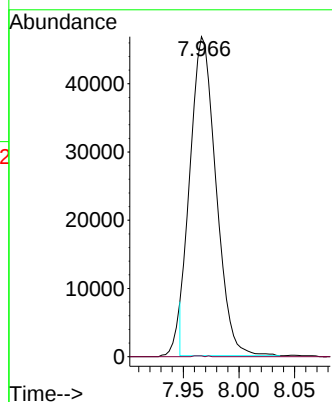
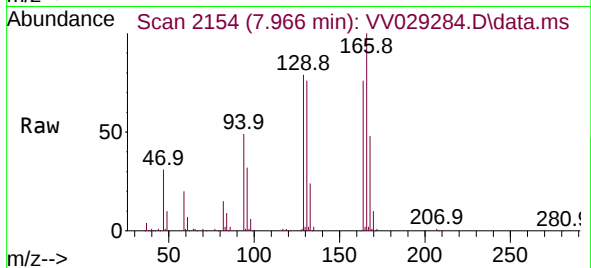
ClientSampleId :

Tgt Ion:129 Resp: 75155

Ion Ratio Lower Upper

129 100

127 0.2 54.7 101.5#



#61

1,2,3-Trichloropropane

Concen: 1.513 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.974 min

Lab File: VV029284.D

Acq: 23 Nov 2022 00:13

Tgt Ion: 75 Resp: 17667

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0

110 2.1 29.6 44.4#

