

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093022\
 Data File : VV028220.D
 Acq On : 30 Sep 2022 12:28
 Operator : SY/MD
 Sample : N4730-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFR9

Quant Time: Sep 30 22:56:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 29 01:25:35 2022
 Response via : Initial Calibration

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

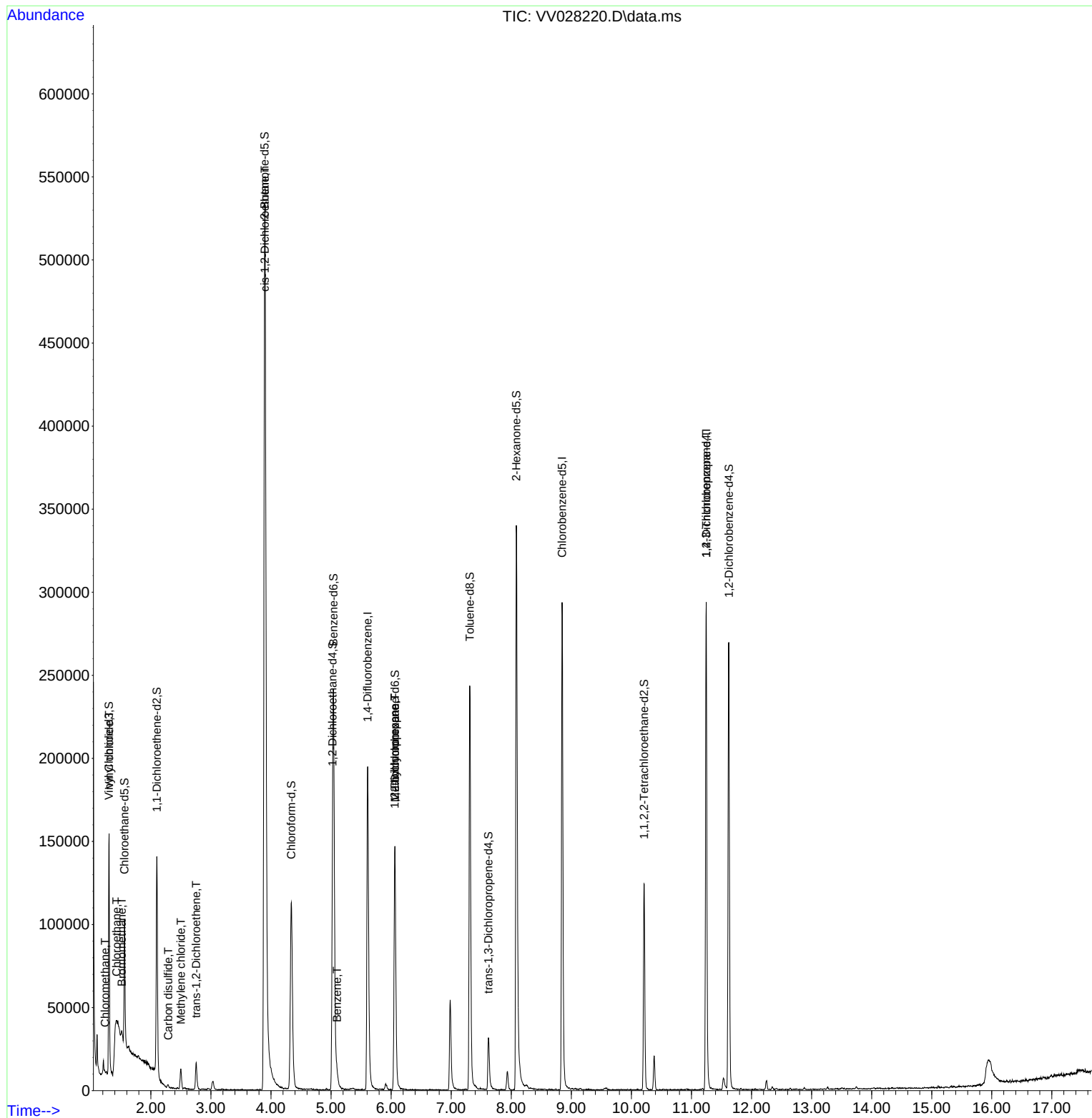
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	181846	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	176792	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	81730	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	46824	2.484	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	49.600%
7) Chloroethane-d5	1.561	69	48901	3.262	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.200%
11) 1,1-Dichloroethene-d2	2.098	63	66748	2.041	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	40.800%#
20) 2-Butanone-d5	3.892	46	154086	48.413	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.820%
24) Chloroform-d	4.336	84	123344	4.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
26) 1,2-Dichloroethane-d4	5.024	65	61695	4.310	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
32) Benzene-d6	5.040	84	225501	3.890	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.800%
36) 1,2-Dichloropropane-d6	6.063	67	74800	4.139	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.800%
41) Toluene-d8	7.310	98	170487	3.249	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.000%#
43) trans-1,3-Dichloroprop...	7.619	79	20259	3.103	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.000%
46) 2-Hexanone-d5	8.085	63	130953	48.064	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.120%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	60254	4.878	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	76066	4.745	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						Qvalue
3) Chloromethane	1.236	50	754	0.042	ug/L	90
5) Vinyl chloride	1.304	62	51391	3.644	ug/L	98
6) Bromomethane	1.516	94	1397	0.152	ug/L	86
8) Chloroethane	1.429	64	64075	6.776	ug/L #	51
14) Carbon disulfide	2.288	76	2414	0.100	ug/L #	86
16) Methylene chloride	2.500	84	4983	0.355	ug/L	84
18) trans-1,2-Dichloroethene	2.754	96	6251	0.568	ug/L	92
22) cis-1,2-Dichloroethene	3.899	96	283724	19.655	ug/L	95
33) Benzene	5.098	78	8725	0.178	ug/L	100
35) Methylcyclohexane	6.063	83	18147	1.083	ug/L #	16
37) 1,2-Dichloropropane	6.059	63	8148	0.592	ug/L #	87
61) 1,2,3-Trichloropropane	11.246	75	7544	1.101	ug/L #	66

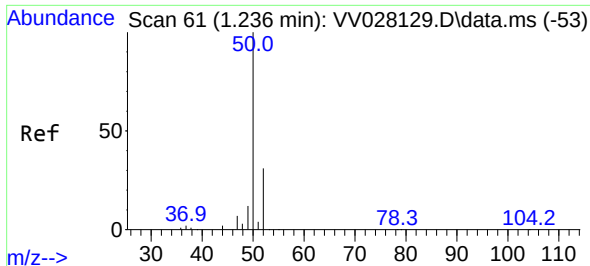
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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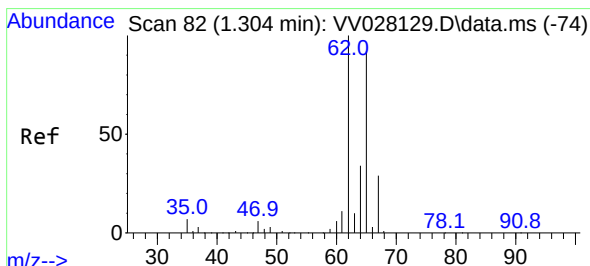
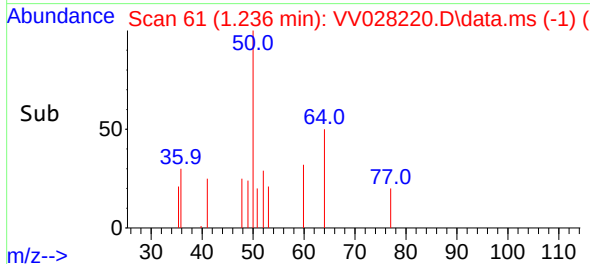
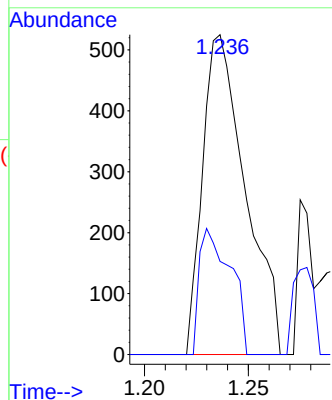
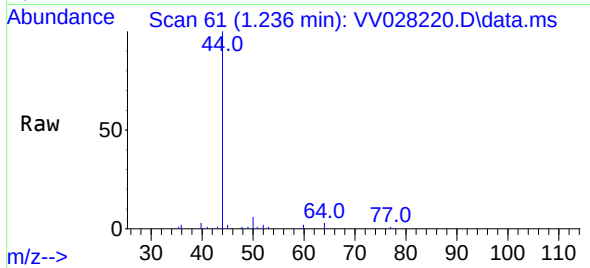




#3
Chloromethane
Concen: 0.042 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV028220.D
Acq: 30 Sep 2022 12:28

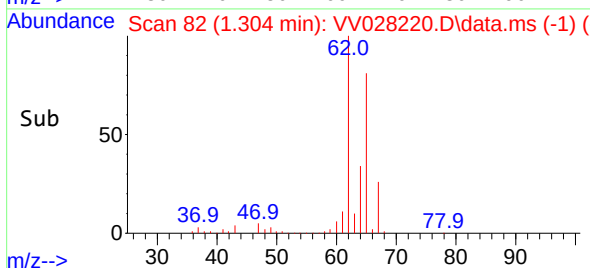
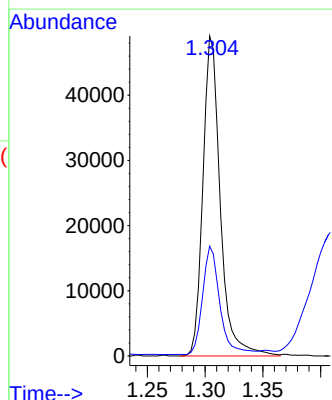
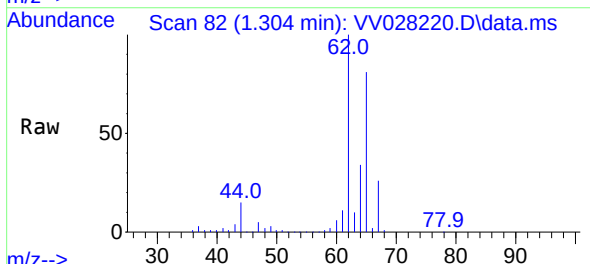
Instrument :
MSVOA_V
ClientSampleId :
EXFR9

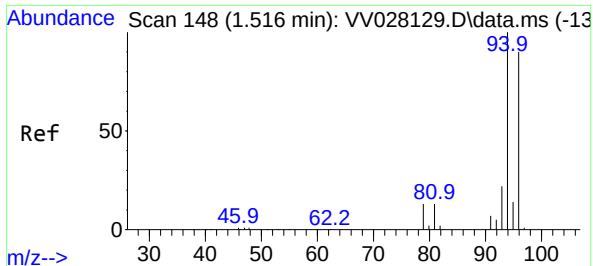
Tgt Ion: 50 Resp: 754
Ion Ratio Lower Upper
50 100
52 29.1 24.4 45.2



#5
Vinyl chloride
Concen: 3.644 ug/L
RT: 1.304 min Scan# 82
Delta R.T. -0.000 min
Lab File: VV028220.D
Acq: 30 Sep 2022 12:28

Tgt Ion: 62 Resp: 51391
Ion Ratio Lower Upper
62 100
64 34.3 23.0 42.8

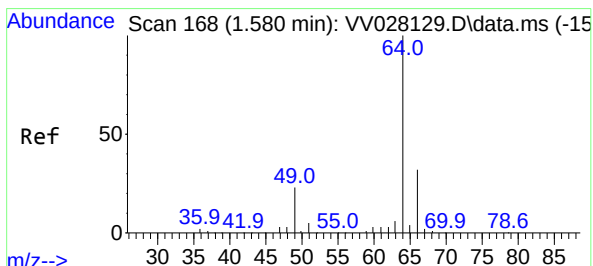
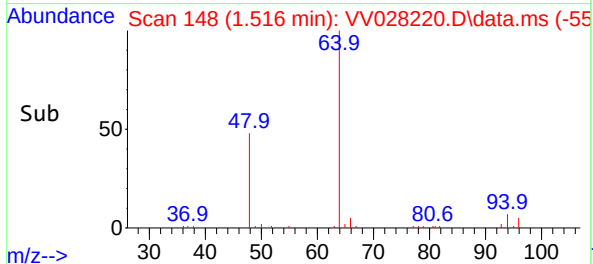
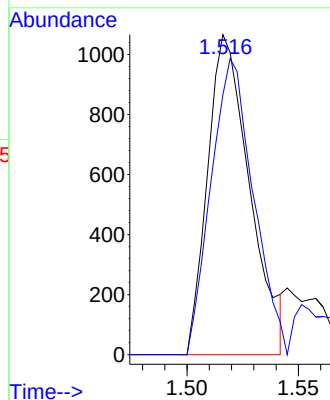
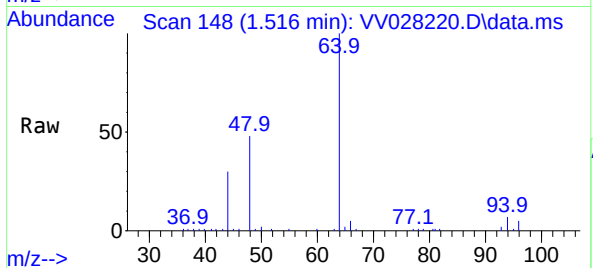




#6
Bromomethane
Concen: 0.152 ug/L
RT: 1.516 min Scan# 148
Delta R.T. -0.000 min
Lab File: VV028220.D
Acq: 30 Sep 2022 12:28

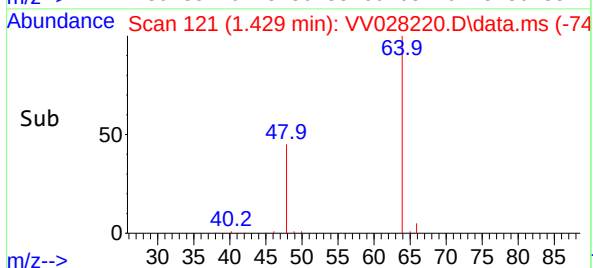
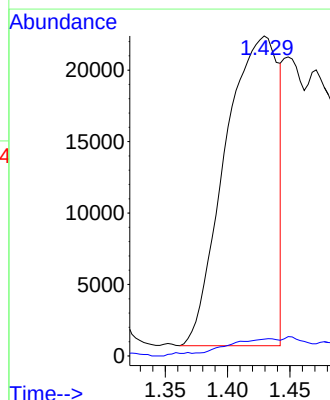
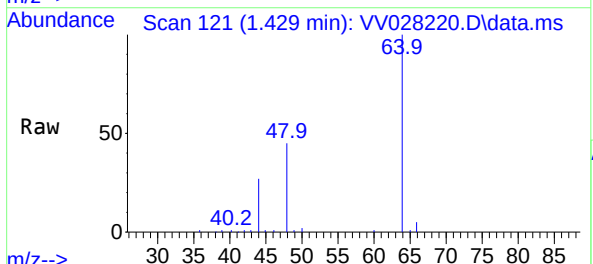
Instrument :
MSVOA_V
ClientSampleId :
EXFR9

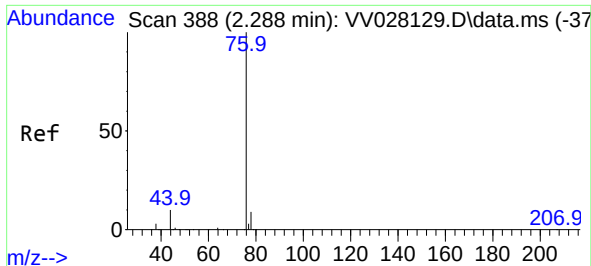
Tgt Ion: 94 Resp: 1397
Ion Ratio Lower Upper
94 100
96 81.2 66.7 123.9



#8
Chloroethane
Concen: 6.776 ug/L
RT: 1.429 min Scan# 121
Delta R.T. -0.148 min
Lab File: VV028220.D
Acq: 30 Sep 2022 12:28

Tgt Ion: 64 Resp: 64075
Ion Ratio Lower Upper
64 100
66 5.3 23.0 42.8#

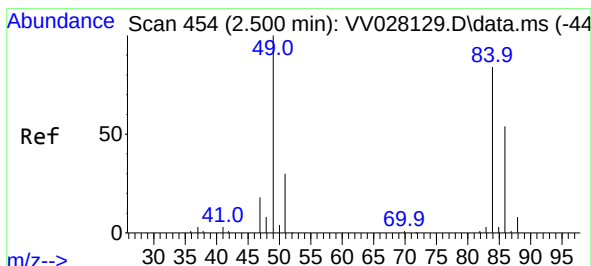
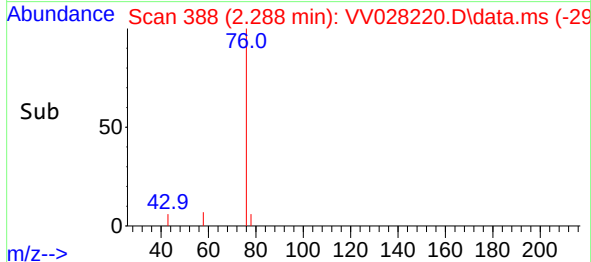
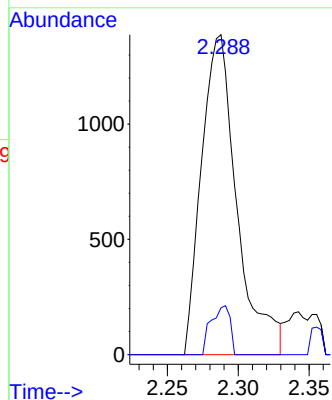
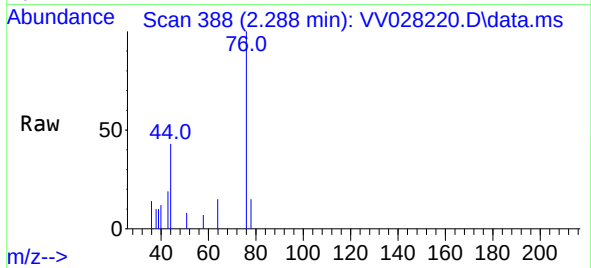




#14
Carbon disulfide
Concen: 0.100 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.003 min
Lab File: VV028220.D
Acq: 30 Sep 2022 12:28

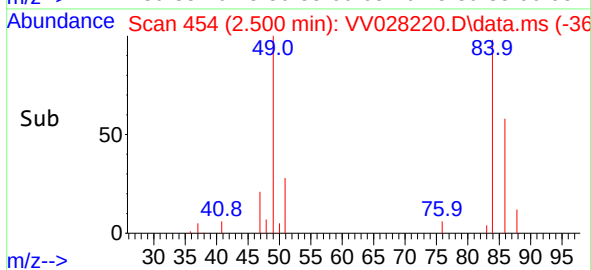
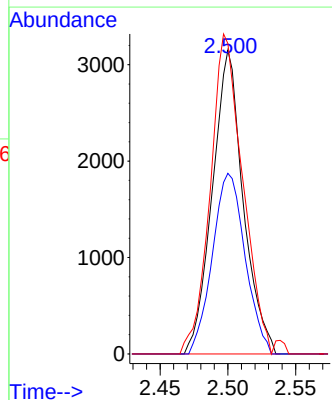
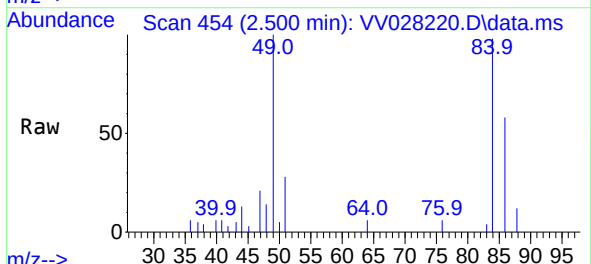
Instrument :
MSVOA_V
ClientSampleId :
EXFR9

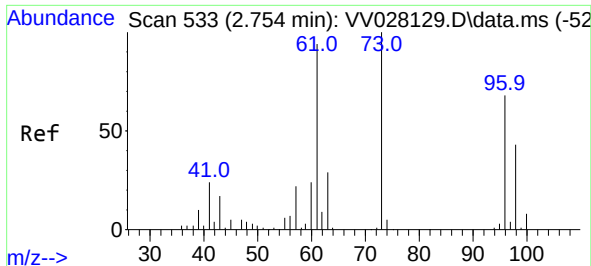
Tgt Ion: 76 Resp: 2414
Ion Ratio Lower Upper
76 100
78 14.6 7.6 11.4#



#16
Methylene chloride
Concen: 0.355 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV028220.D
Acq: 30 Sep 2022 12:28

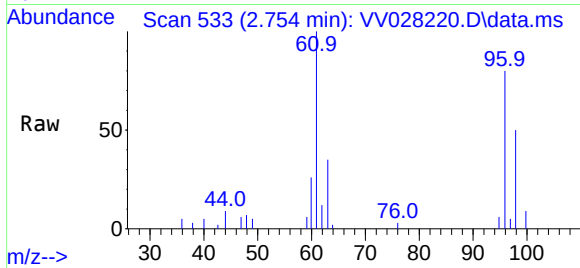
Tgt Ion: 84 Resp: 4983
Ion Ratio Lower Upper
84 100
86 59.5 46.8 86.8
49 102.2 87.5 162.5



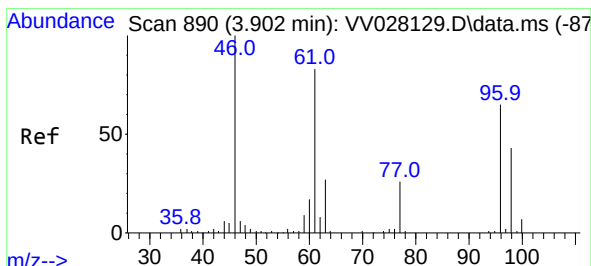
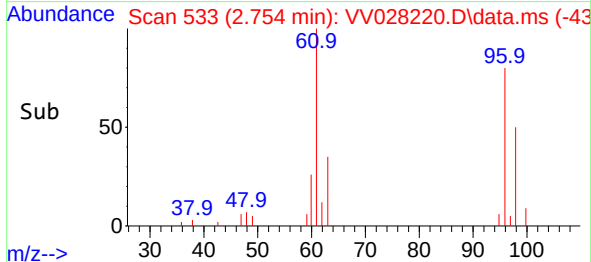
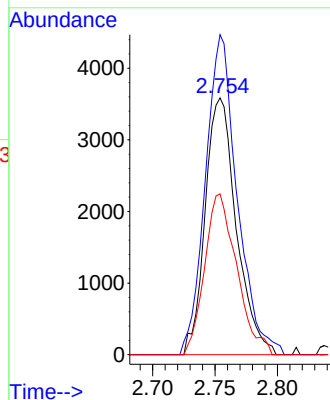


#18
trans-1,2-Dichloroethene
Concen: 0.568 ug/L
RT: 2.754 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV028220.D
Acq: 30 Sep 2022 12:28

Instrument :
MSVOA_V
ClientSampleId :
EXFR9

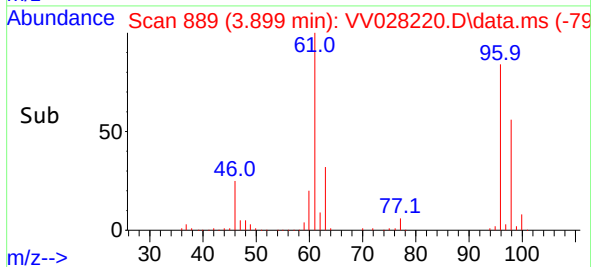
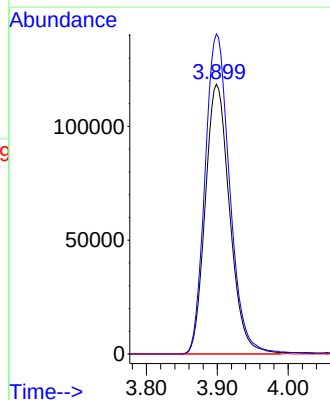
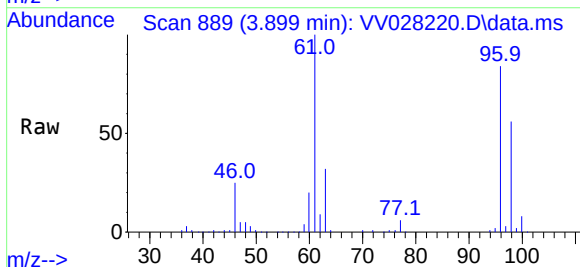


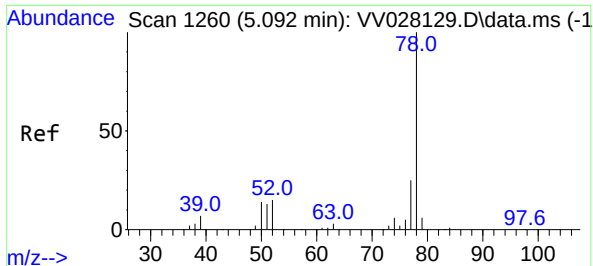
Tgt Ion: 96 Resp: 6251
Ion Ratio Lower Upper
96 100
61 124.6 96.2 178.6
98 62.6 45.7 84.9



#22
cis-1,2-Dichloroethene
Concen: 19.655 ug/L
RT: 3.899 min Scan# 889
Delta R.T. -0.000 min
Lab File: VV028220.D
Acq: 30 Sep 2022 12:28

Tgt Ion: 96 Resp: 283724
Ion Ratio Lower Upper
96 100
61 118.6 87.2 161.9
68 0.0 0.0 0.0

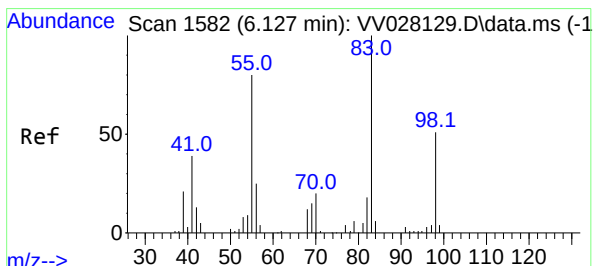
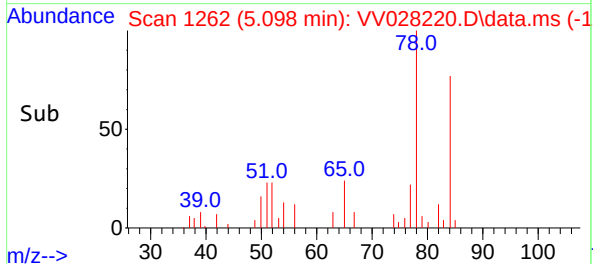
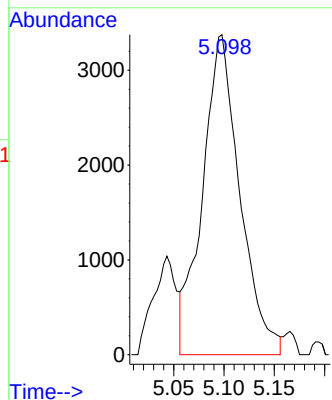
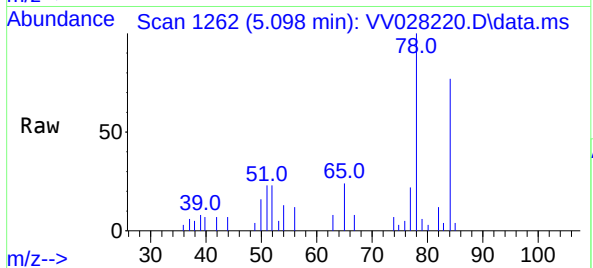




#33
Benzene
Concen: 0.178 ug/L
RT: 5.098 min Scan# 11
Delta R.T. 0.009 min
Lab File: VV028220.D
Acq: 30 Sep 2022 12:28

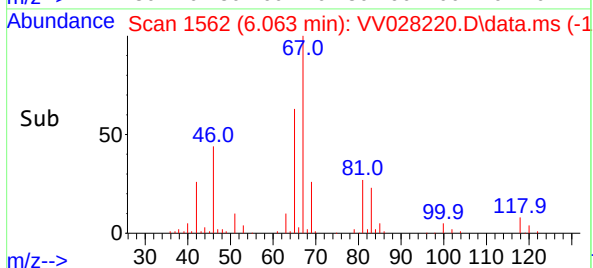
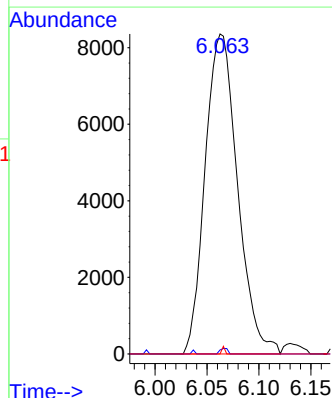
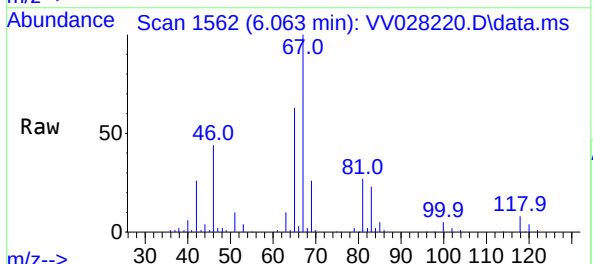
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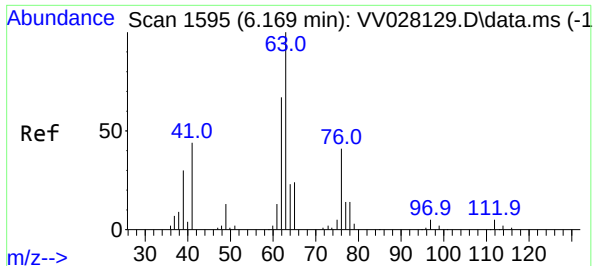
Tgt Ion: 78 Resp: 8725



#35
Methylcyclohexane
Concen: 1.083 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.058 min
Lab File: VV028220.D
Acq: 30 Sep 2022 12:28

Tgt Ion: 83 Resp: 18147
Ion Ratio Lower Upper
83 100
55 0.4 64.7 97.1#
98 0.2 39.5 59.3#

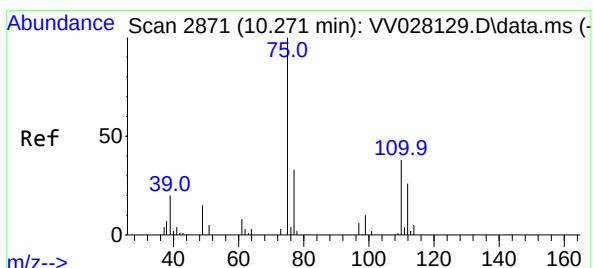
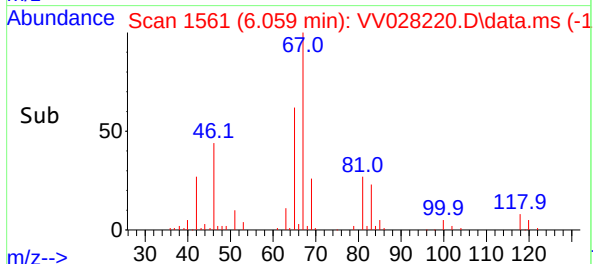
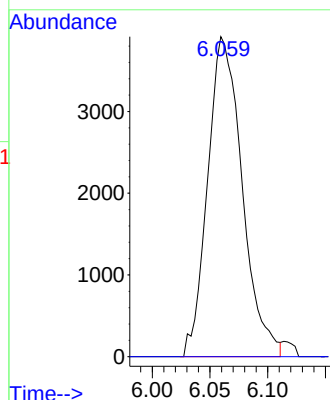
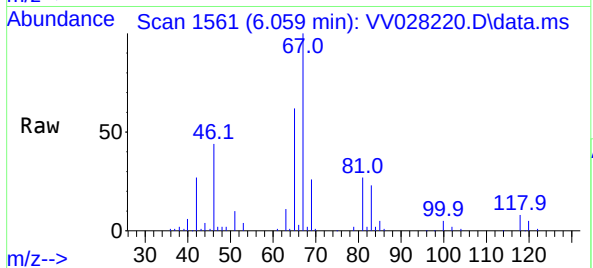




#37
1,2-Dichloropropane
Concen: 0.592 ug/L
RT: 6.059 min Scan# 11
Delta R.T. -0.106 min
Lab File: VV028220.D
Acq: 30 Sep 2022 12:28

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Tgt Ion: 63 Resp: 8148
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#61
1,2,3-Trichloropropane
Concen: 1.101 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.977 min
Lab File: VV028220.D
Acq: 30 Sep 2022 12:28

Tgt Ion: 75 Resp: 7544
Ion Ratio Lower Upper
75 100
77 30.2 26.7 40.1
110 1.9 30.1 45.1#

