

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111422\
 Data File : VV028962.D
 Acq On : 15 Nov 2022 01:21
 Operator : SY/MD
 Sample : N5604-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46C2

Quant Time: Nov 15 05:37:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 15 01:23:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	275205	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	255270	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	123258	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	73509	4.381	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.600%
7) Chloroethane-d5	1.568	69	68252	4.627	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.108	63	96847	3.167	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.400%
20) 2-Butanone-d5	3.889	46	189959	67.636	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	135.280%#
24) Chloroform-d	4.342	84	171509	4.979	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.027	65	80472	5.192	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.043	84	349791	4.591	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.066	67	102986	4.840	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.310	98	306105	4.463	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	7.622	79	25919	3.735	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.800%
46) 2-Hexanone-d5	8.085	63	149471	50.463	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.920%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	76198	5.165	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	11.615	152	113883	5.164	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%

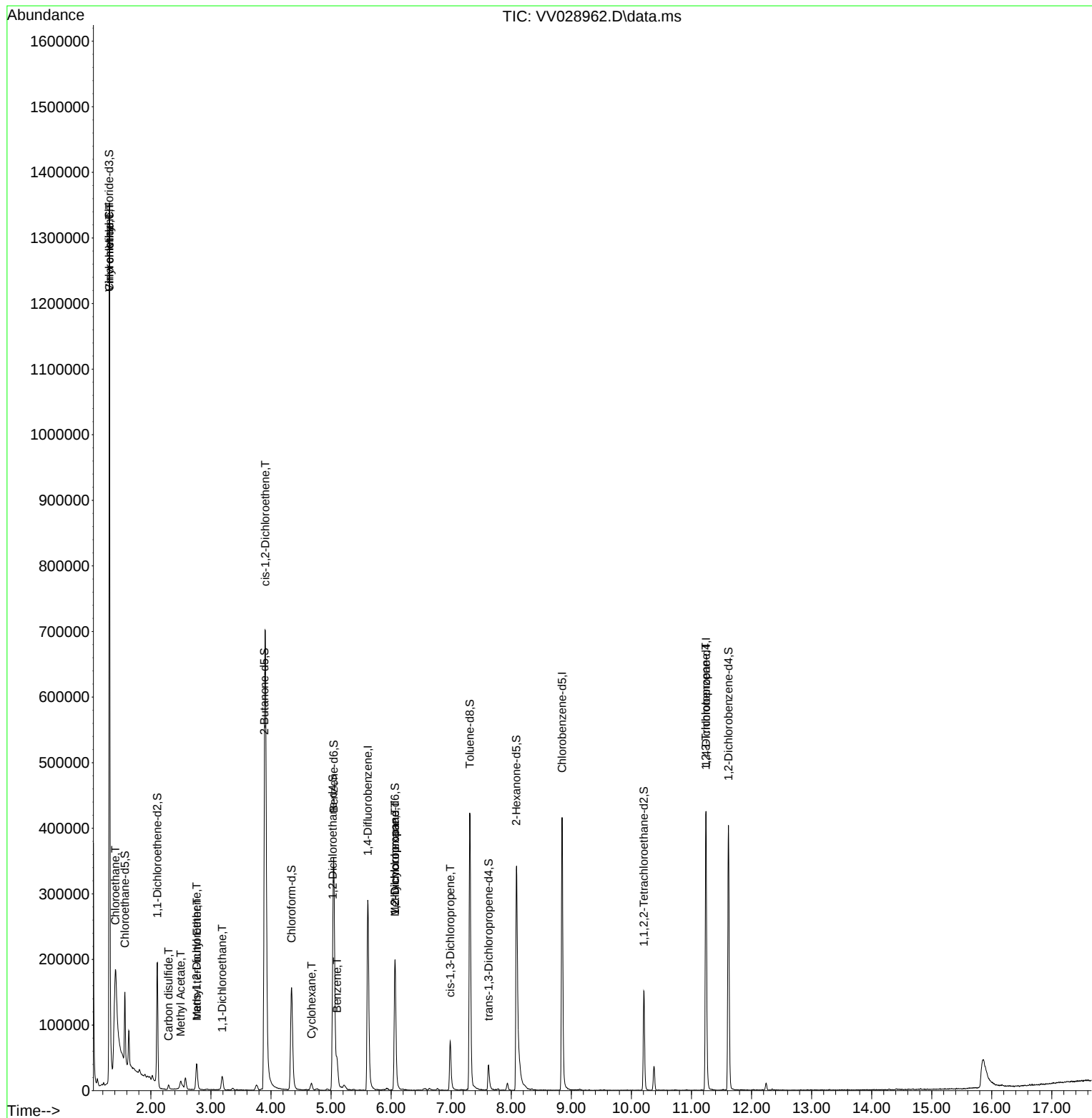
Target Compounds					Qvalue
3) Chloromethane	1.310	50	5810	0.305 ug/L #	45
5) Vinyl chloride	1.310	62	835500	38.470 ug/L	99
8) Chloroethane	1.410	64	562001	44.037 ug/L #	52
14) Carbon disulfide	2.294	76	10866	0.184 ug/L #	94
15) Methyl Acetate	2.497	43	9089	2.073 ug/L #	44
17) Methyl tert-butyl Ether	2.767	73	19101	0.535 ug/L #	47
18) trans-1,2-Dichloroethene	2.760	96	4901	0.254 ug/L	98
19) 1,1-Dichloroethane	3.188	63	22084	0.699 ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	392594	19.986 ug/L	98
30) Cyclohexane	4.674	56	5115	0.168 ug/L #	81
33) Benzene	5.098	78	50243	0.644 ug/L	100
35) Methylcyclohexane	6.063	83	26540	0.756 ug/L #	21
37) 1,2-Dichloropropane	6.066	63	11064	0.615 ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	2073	0.083 ug/L	84
61) 1,2,3-Trichloropropane	11.239	75	13005	1.544 ug/L #	66

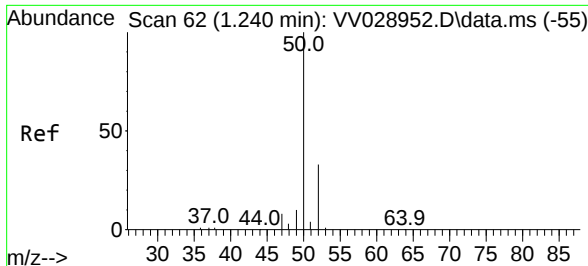
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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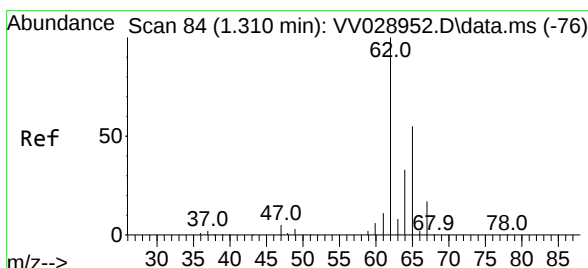
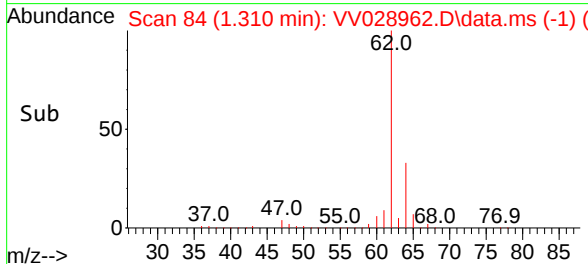
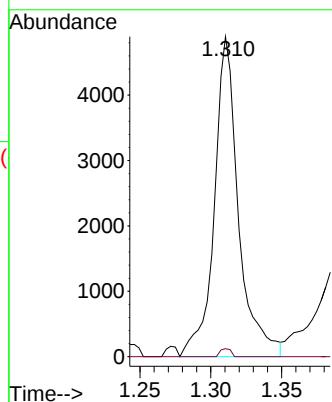
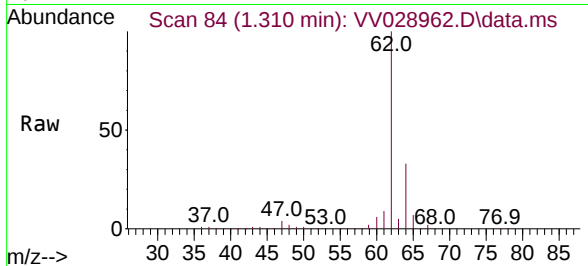




#3
Chloromethane
Concen: 0.305 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.071 min
Lab File: VV028962.D
Acq: 15 Nov 2022 01:21

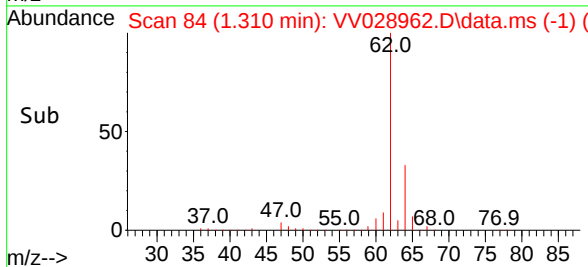
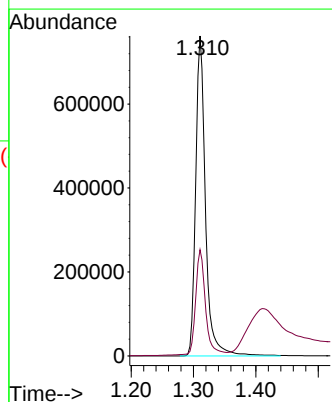
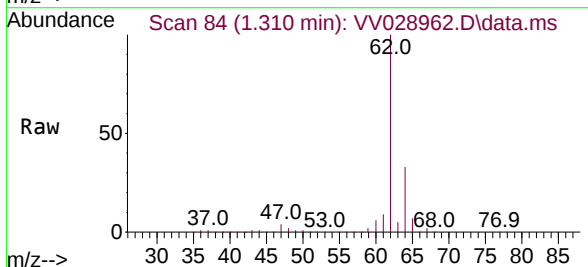
Instrument :
MSVOA_V
ClientSampleId :
H46C2

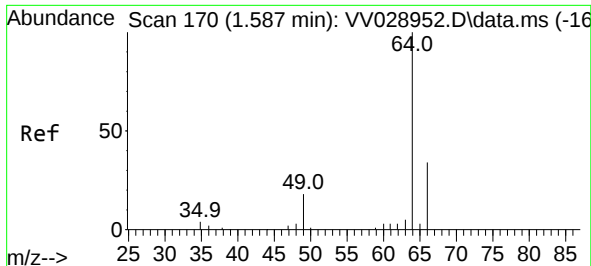
Tgt Ion: 50 Resp: 5810
Ion Ratio Lower Upper
50 100
52 2.5 23.7 43.9#



#5
Vinyl chloride
Concen: 38.470 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV028962.D
Acq: 15 Nov 2022 01:21

Tgt Ion: 62 Resp: 835500
Ion Ratio Lower Upper
62 100
64 33.2 22.8 42.4





#8

Chloroethane

Concen: 44.037 ug/L

RT: 1.410 min Scan# 115

Delta R.T. -0.177 min

Lab File: VV028962.D

Acq: 15 Nov 2022 01:21

Instrument :

MSVOA_V

ClientSampleId :

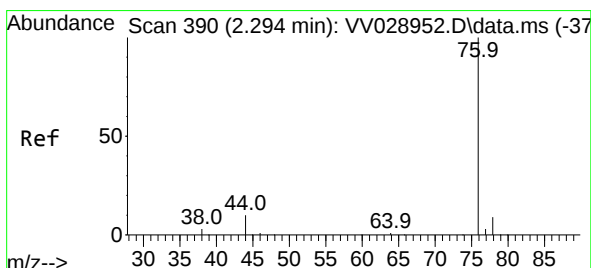
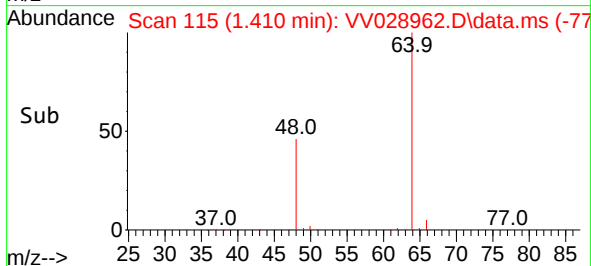
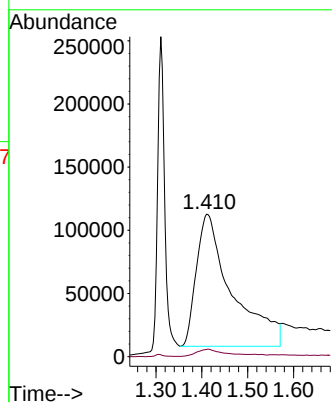
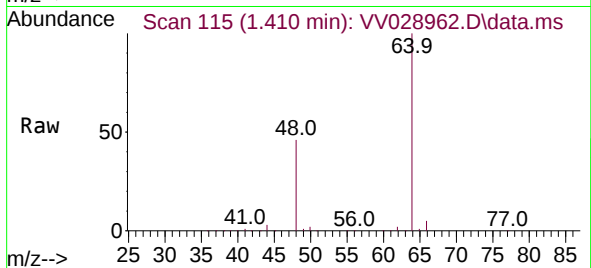
H46C2

Tgt Ion: 64 Resp: 562001

Ion Ratio Lower Upper

64 100

66 5.1 22.0 40.8#



#14

Carbon disulfide

Concen: 0.184 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV028962.D

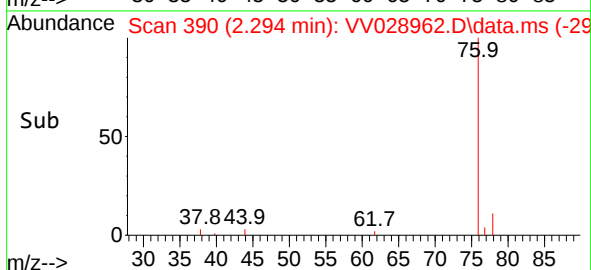
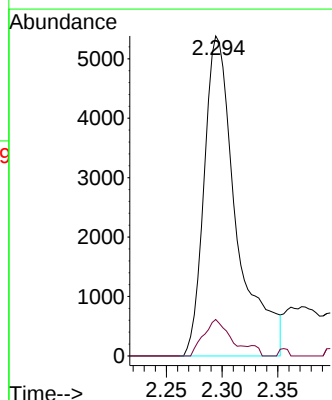
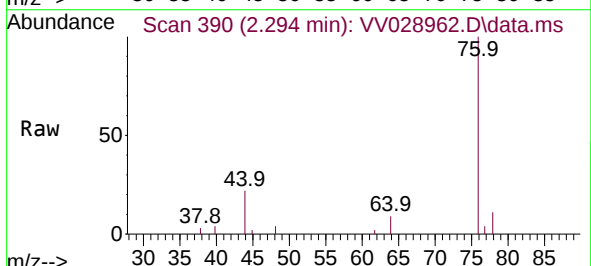
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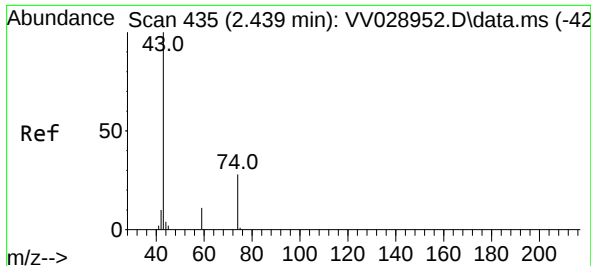
Tgt Ion: 76 Resp: 10866

Ion Ratio Lower Upper

76 100

78 11.4 7.4 11.2#

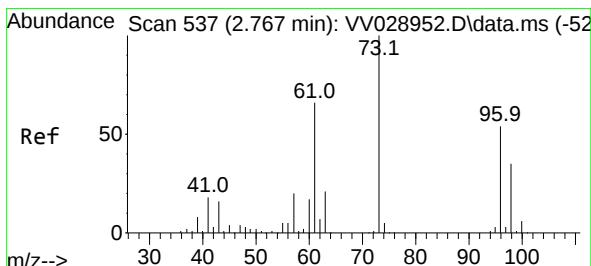
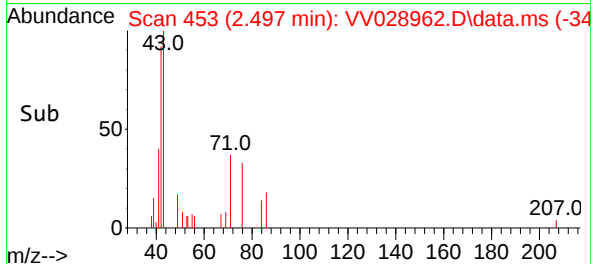
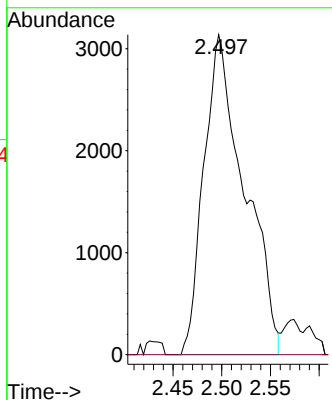
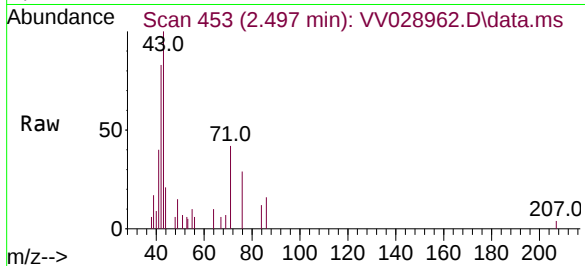




#15
Methyl Acetate
Concen: 2.073 ug/L
RT: 2.497 min Scan# 41
Delta R.T. 0.058 min
Lab File: VV028962.D
Acq: 15 Nov 2022 01:21

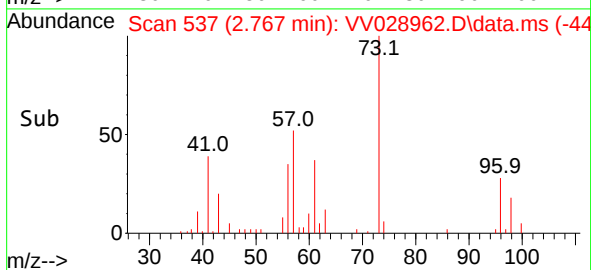
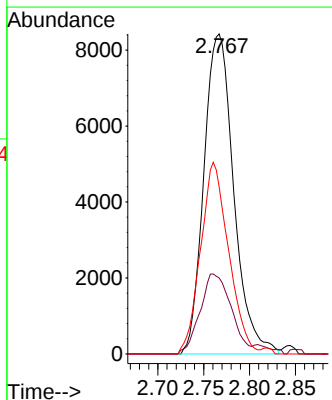
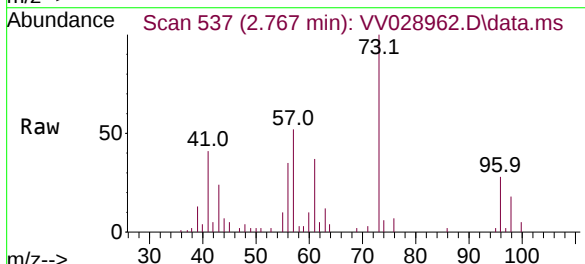
Instrument :
MSVOA_V
ClientSampleId :
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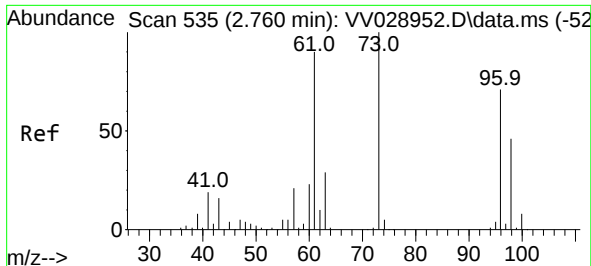
Tgt Ion: 43 Resp: 9089
Ion Ratio Lower Upper
43 100
74 0.0 24.6 37.0#



#17
Methyl tert-butyl Ether
Concen: 0.535 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV028962.D
Acq: 15 Nov 2022 01:21

Tgt Ion: 73 Resp: 19101
Ion Ratio Lower Upper
73 100
43 26.0 13.0 19.4#
57 56.3 16.6 24.8#

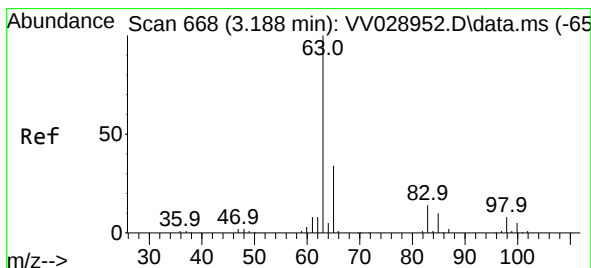
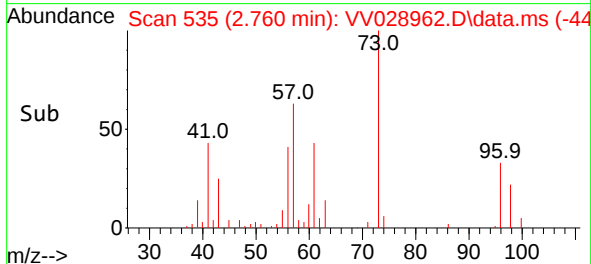
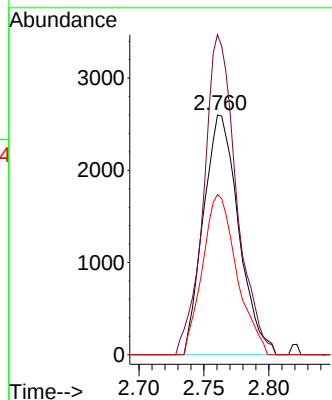
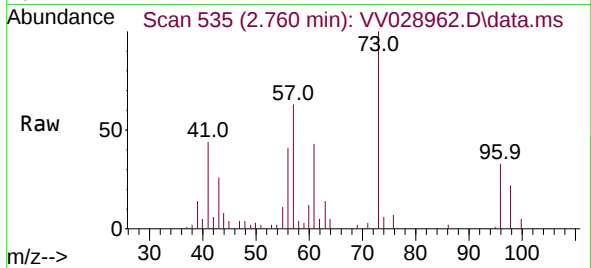




#18
trans-1,2-Dichloroethene
Concen: 0.254 ug/L
RT: 2.760 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV028962.D
Acq: 15 Nov 2022 01:21

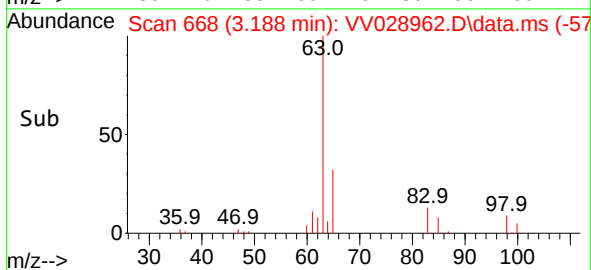
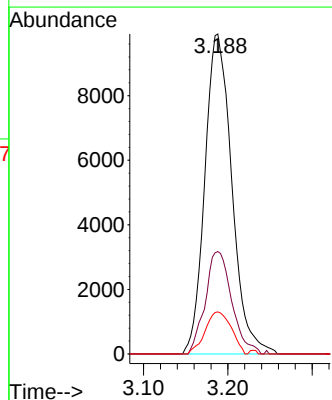
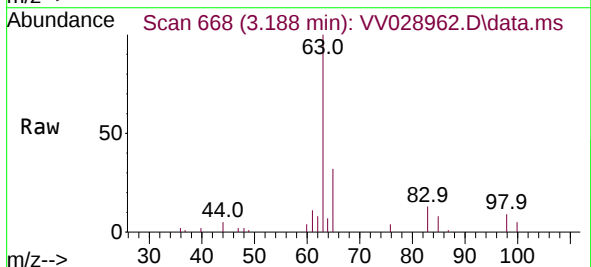
Instrument :
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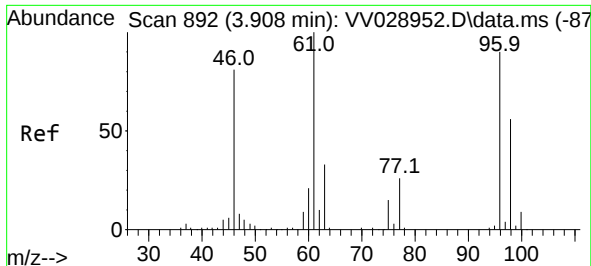
Tgt Ion: 96 Resp: 4901
Ion Ratio Lower Upper
96 100
61 133.5 91.8 170.6
98 66.8 46.4 86.2



#19
1,1-Dichloroethane
Concen: 0.699 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.000 min
Lab File: VV028962.D
Acq: 15 Nov 2022 01:21

Tgt Ion: 63 Resp: 22084
Ion Ratio Lower Upper
63 100
65 32.0 23.0 42.6
83 13.2 9.4 17.6





#22

cis-1,2-Dichloroethene

Concen: 19.986 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.003 min

Lab File: VV028962.D

Acq: 15 Nov 2022 01:21

Instrument :

MSVOA_V

ClientSampleId :

H46C2

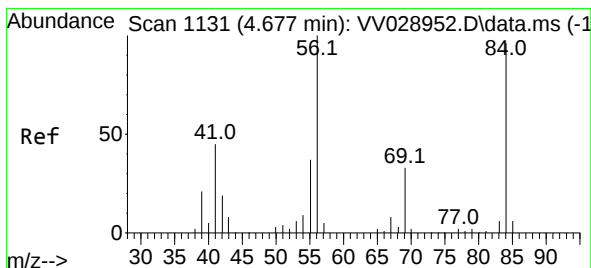
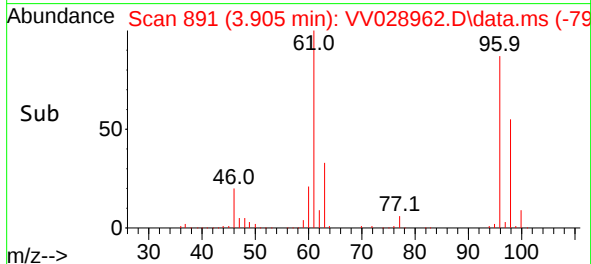
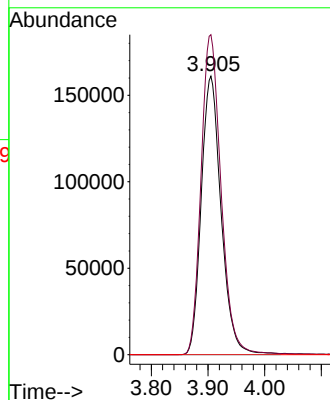
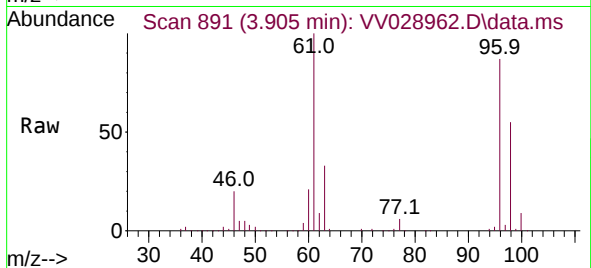
Tgt Ion: 96 Resp: 392594

Ion Ratio Lower Upper

96 100

61 114.9 82.3 152.9

68 0.0 0.0 0.0



#30

Cyclohexane

Concen: 0.168 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. -0.003 min

Lab File: VV028962.D

Acq: 15 Nov 2022 01:21

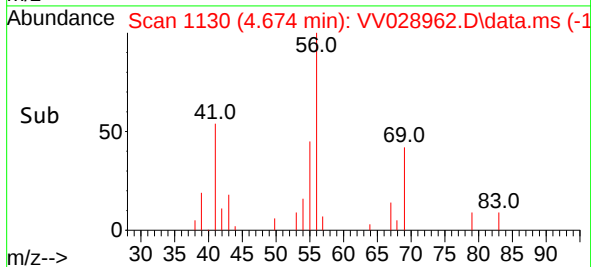
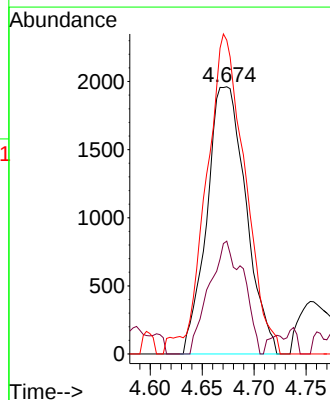
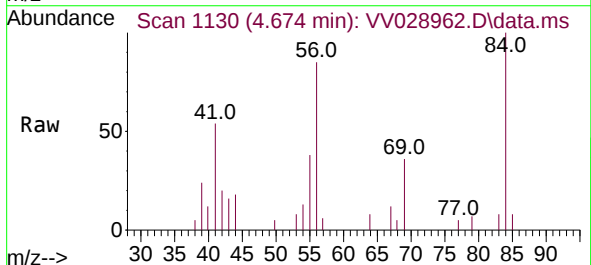
Tgt Ion: 56 Resp: 5115

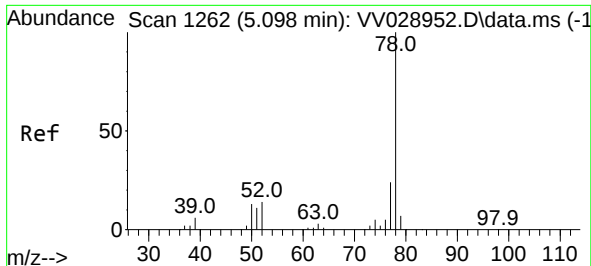
Ion Ratio Lower Upper

56 100

69 37.4 26.1 39.1

84 119.1 77.9 116.9#

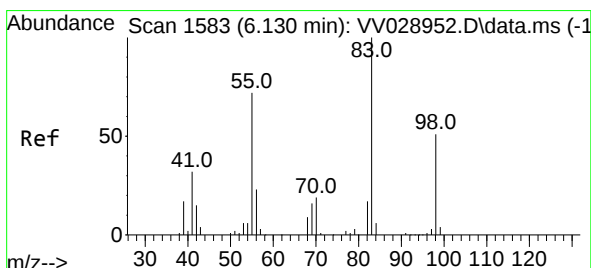
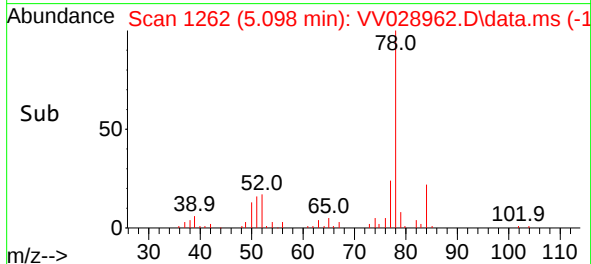
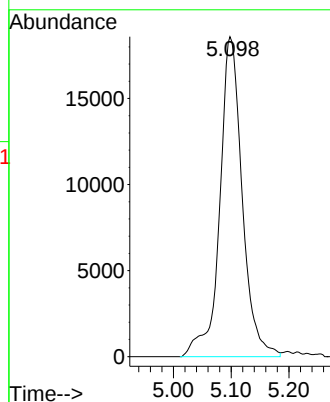
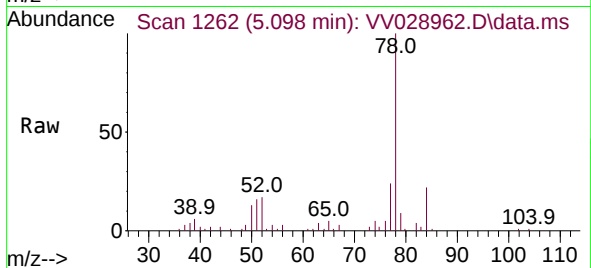




#33
Benzene
Concen: 0.644 ug/L
RT: 5.098 min Scan# 11
Delta R.T. 0.000 min
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Acq: 15 Nov 2022 01:21

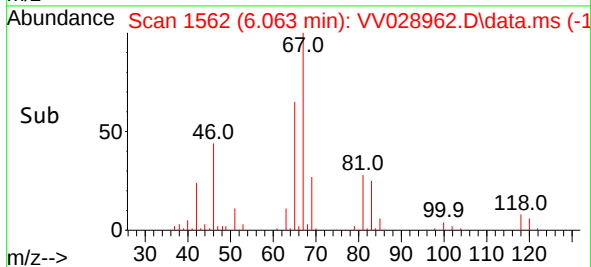
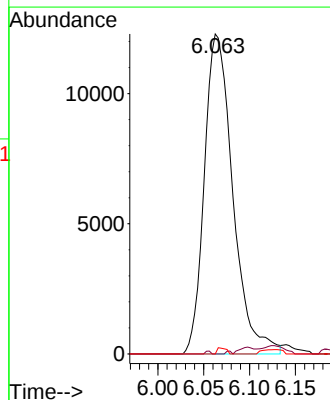
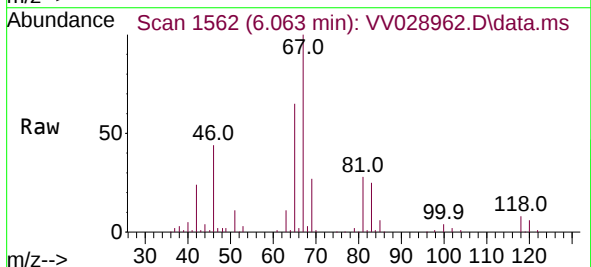
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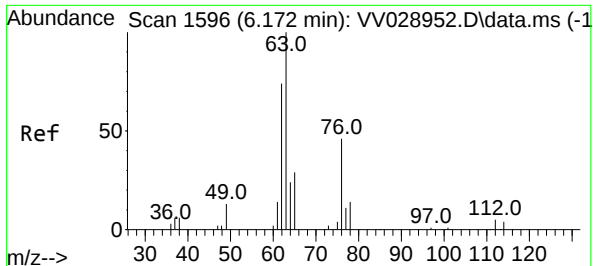
Tgt Ion: 78 Resp: 50243



#35
Methylcyclohexane
Concen: 0.756 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.067 min
Lab File: VV028962.D
Acq: 15 Nov 2022 01:21

Tgt Ion: 83 Resp: 26540
Ion Ratio Lower Upper
83 100
55 0.2 55.8 83.6#
98 0.6 38.2 57.2#

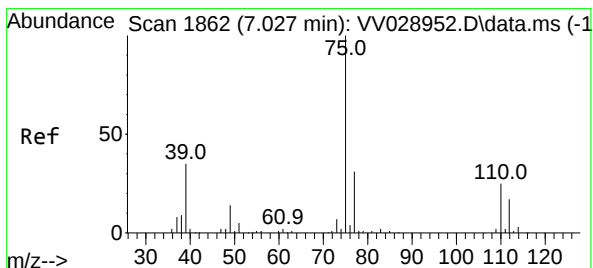
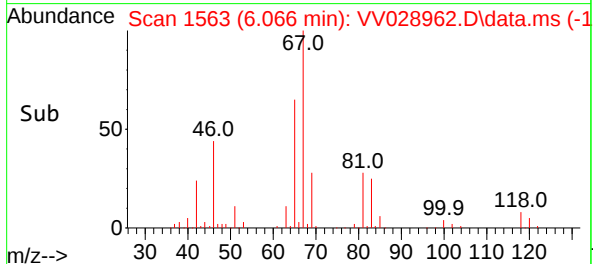
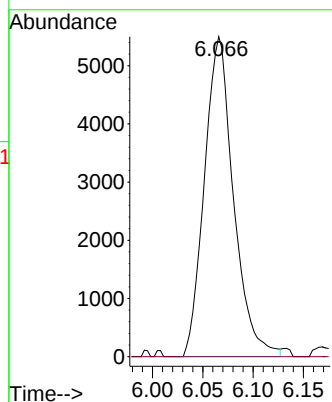
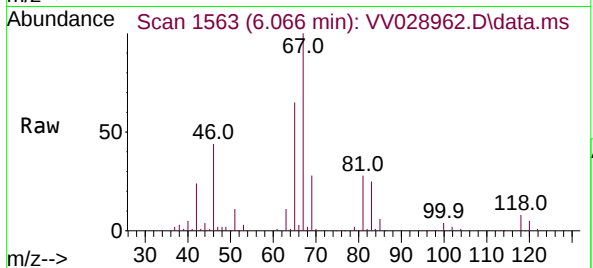




#37
 1,2-Dichloropropane
 Concen: 0.615 ug/L
 RT: 6.066 min Scan# 11064
 Delta R.T. -0.106 min
 Lab File: VV028962.D
 Acq: 15 Nov 2022 01:21

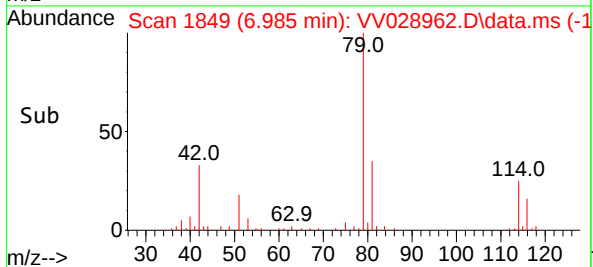
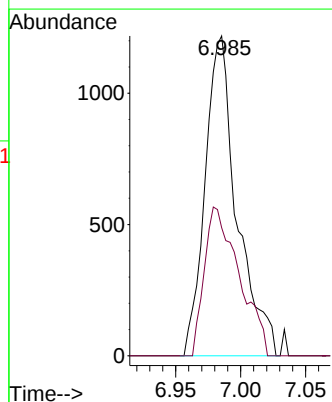
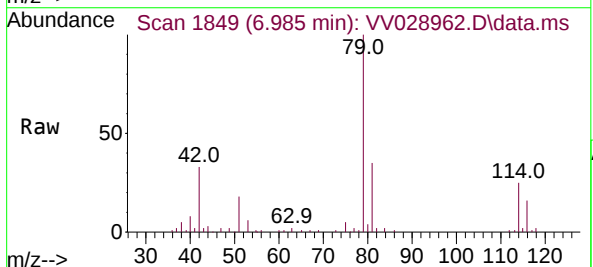
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 MSVOA_V
 ClientSampleId :
 H46C2

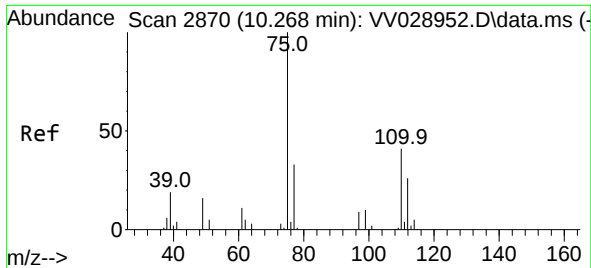
Tgt Ion: 63 Resp: 11064
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.0 6.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.083 ug/L
 RT: 6.985 min Scan# 1849
 Delta R.T. -0.042 min
 Lab File: VV028962.D
 Acq: 15 Nov 2022 01:21

Tgt Ion: 75 Resp: 2073
 Ion Ratio Lower Upper
 75 100
 77 40.1 21.8 40.6





#61
 1,2,3-Trichloropropane
 Concen: 1.544 ug/L
 RT: 11.239 min Scan# 31
 Delta R.T. 0.971 min
 Lab File: VV028962.D
 Acq: 15 Nov 2022 01:21

Instrument :
 MSVOA_V
 ClientSampleId :
 H46C2

Tgt Ion: 75 Resp: 13005
 Ion Ratio Lower Upper
 75 100
 77 32.9 26.2 39.2
 110 2.2 32.6 48.8#

