

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100322\
 Data File : VW028305.D
 Acq On : 04 Oct 2022 02:05
 Operator : SY/MD
 Sample : N4866-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 06:18:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

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

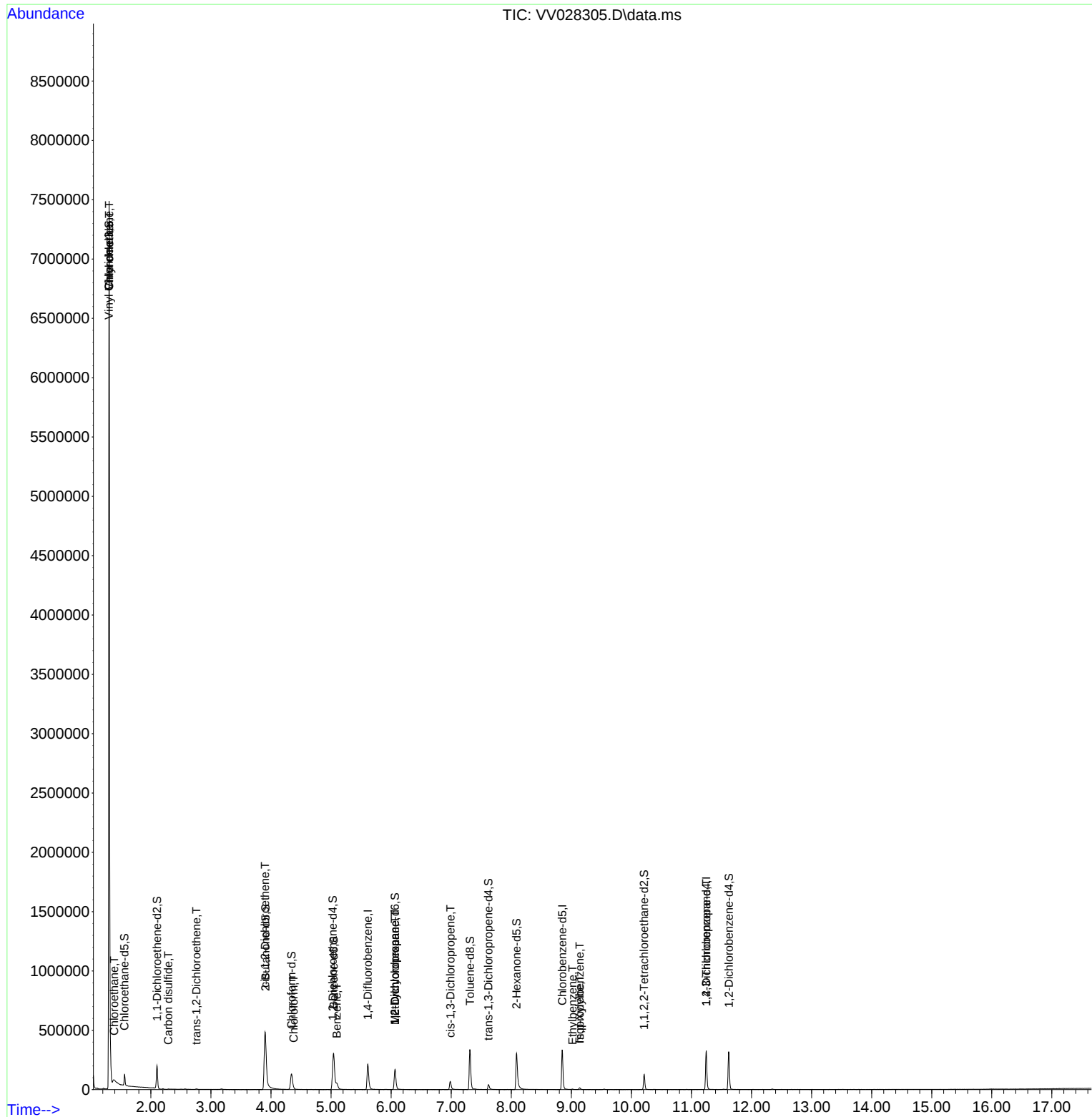
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	194882	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	198499	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	92210	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	107456	7.338	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	146.800%#	
7) Chloroethane-d5	1.561	69	60927	4.915	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.400%	
11) 1,1-Dichloroethene-d2	2.101	63	98738	3.578	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	71.600%	
20) 2-Butanone-d5	3.908	46	144873	58.474	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	116.940%	
24) Chloroform-d	4.343	84	144270	5.439	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	108.800%	
26) 1,2-Dichloroethane-d4	5.027	65	67814	5.514	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	110.200%	
32) Benzene-d6	5.043	84	290478	5.335	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.600%	
36) 1,2-Dichloropropane-d6	6.066	67	89049	5.701	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	114.000%	
41) Toluene-d8	7.313	98	241315	4.819	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.400%	
43) trans-1,3-Dichloroprop...	7.619	79	28116	4.726	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.600%	
46) 2-Hexanone-d5	8.088	63	122905	50.473	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.940%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	62467	5.276	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	105.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	89350	5.630	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	112.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.304	50	25715	1.731	ug/L #	42
5) Vinyl chloride	1.304	62	4722780	282.327	ug/L	98
8) Chloroethane	1.388	64	162202	14.549	ug/L #	50
14) Carbon disulfide	2.291	76	4811	0.110	ug/L	100
18) trans-1,2-Dichloroethene	2.757	96	1894	0.130	ug/L	88
22) cis-1,2-Dichloroethene	3.902	96	265904	18.135	ug/L	95
25) Chloroform	4.378	83	3015	0.111	ug/L	80
33) Benzene	5.095	78	58638	0.992	ug/L	100
35) Methylcyclohexane	6.066	83	20518	0.849	ug/L #	17
37) 1,2-Dichloropropane	6.066	63	9261	0.677	ug/L #	87
39) cis-1,3-Dichloropropene	6.989	75	1843	0.094	ug/L #	60
52) Ethylbenzene	9.021	91	2614	0.040	ug/L	94
53) m,p-Xylene	9.140	106	5036	0.193	ug/L	83
60) Isopropylbenzene	9.140	105	2410	0.043	ug/L #	29
61) 1,2,3-Trichloropropane	11.246	75	9178	1.290	ug/L #	68

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

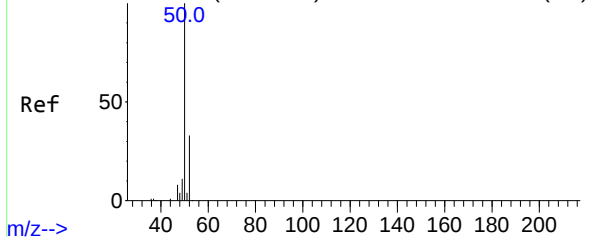
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100322\
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QLast Update : Tue Oct 04 02:28:45 2022
Response via : Initial Calibration



Abundance Scan 61 (1.237 min): VV028271.D\data.ms (-52)



#3

Chloromethane

Concen: 1.731 ug/L

RT: 1.304 min Scan# 81

Delta R.T. 0.068 min

Lab File: VV028305.D

Acq: 04 Oct 2022 02:05

Instrument :

MSVOA_V

ClientSampleId :

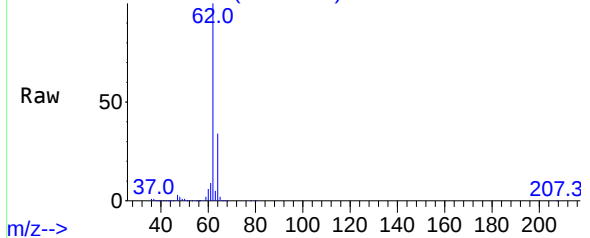
Tgt Ion: 50 Resp: 25715

Ion Ratio Lower Upper

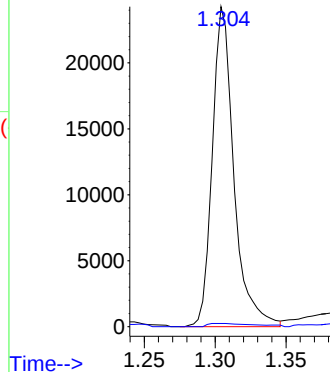
50 100

52 1.0 24.4 45.2#

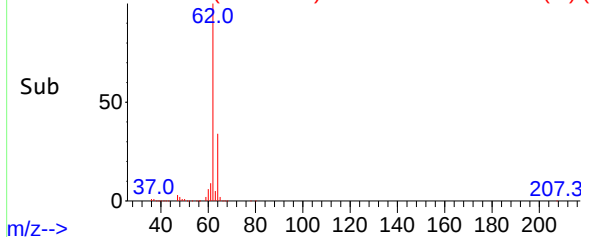
Abundance Scan 82 (1.304 min): VV028305.D\data.ms



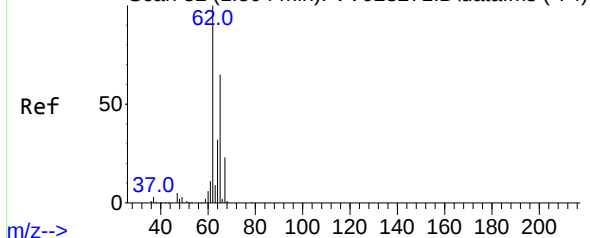
Abundance



Abundance Scan 82 (1.304 min): VV028305.D\data.ms (-1) (



Abundance Scan 82 (1.304 min): VV028271.D\data.ms (-74)



#5

Vinyl chloride

Concen: 282.327 ug/L

RT: 1.304 min Scan# 82

Delta R.T. 0.000 min

Lab File: VV028305.D

Acq: 04 Oct 2022 02:05

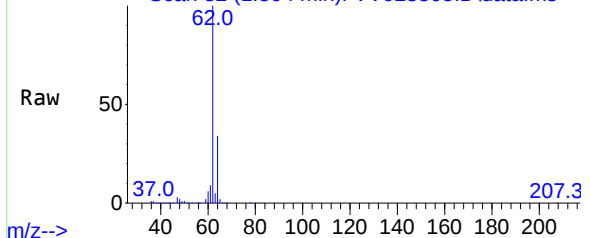
Tgt Ion: 62 Resp: 4722780

Ion Ratio Lower Upper

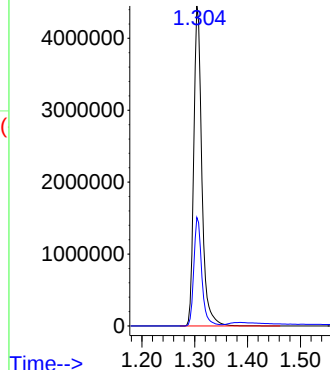
62 100

64 33.9 23.0 42.8

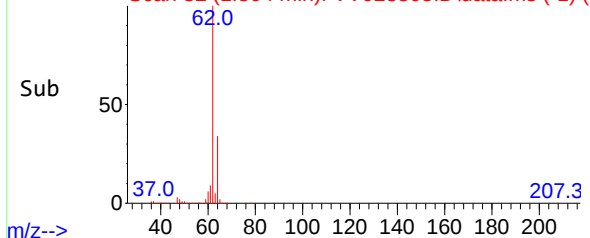
Abundance Scan 82 (1.304 min): VV028305.D\data.ms

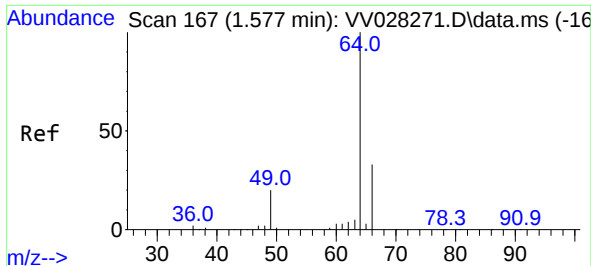


Abundance



Abundance Scan 82 (1.304 min): VV028305.D\data.ms (-1) (

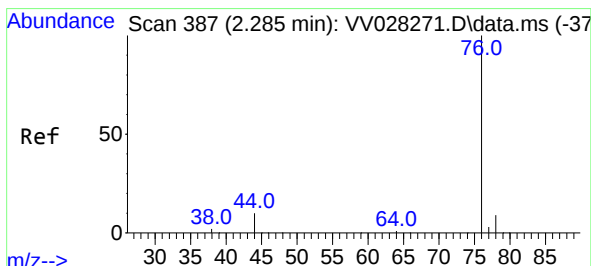
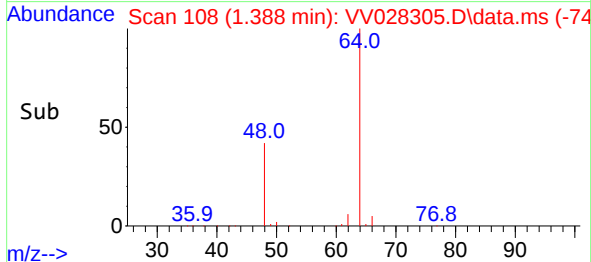
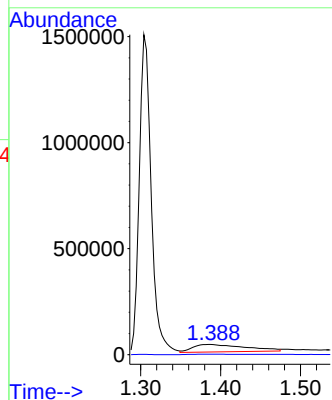
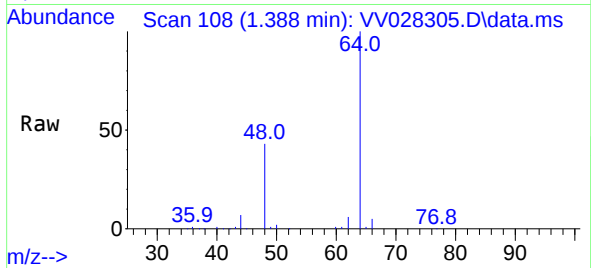




#8
Chloroethane
Concen: 14.549 ug/L
RT: 1.388 min Scan# 108
Delta R.T. -0.190 min
Lab File: VV028305.D
Acq: 04 Oct 2022 02:05

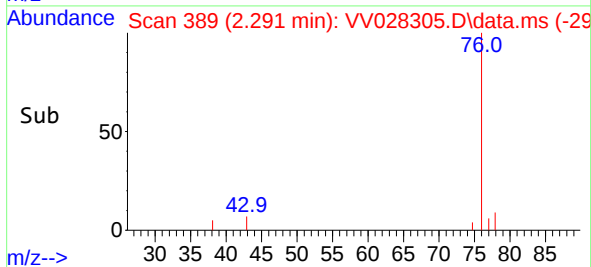
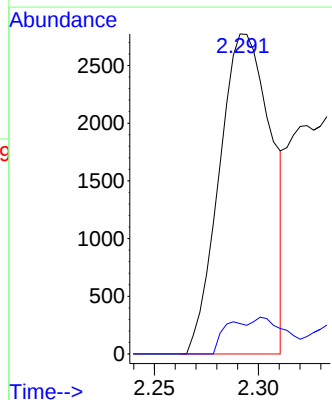
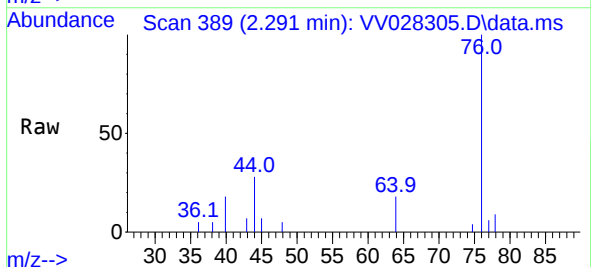
Instrument :
MSVOA_V
ClientSampleId :

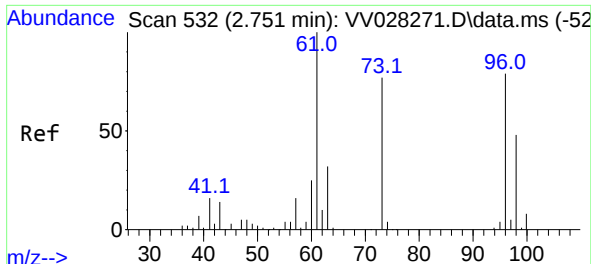
Tgt Ion: 64 Resp: 162202
Ion Ratio Lower Upper
64 100
66 4.9 23.0 42.8#



#14
Carbon disulfide
Concen: 0.110 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.007 min
Lab File: VV028305.D
Acq: 04 Oct 2022 02:05

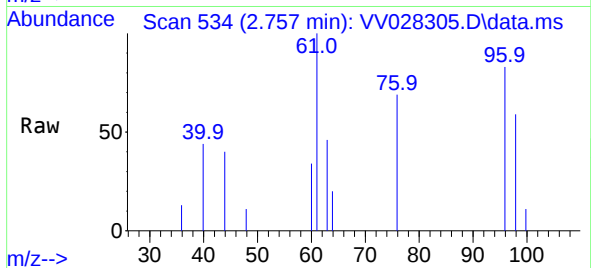
Tgt Ion: 76 Resp: 4811
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4



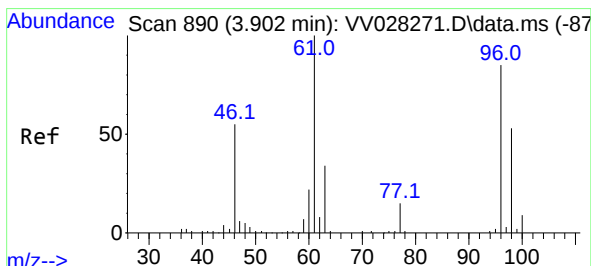
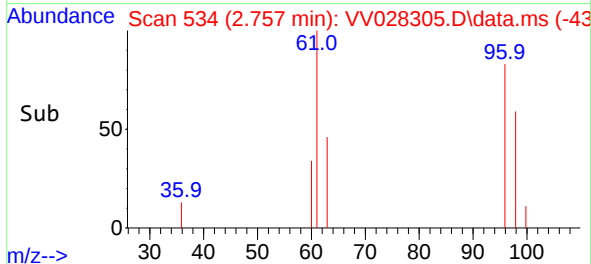
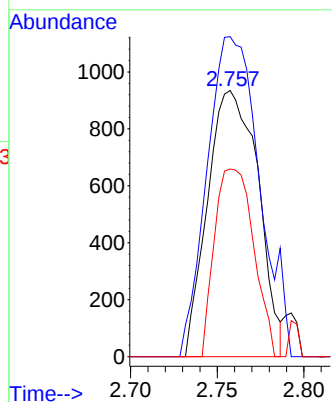


#18
trans-1,2-Dichloroethene
Concen: 0.130 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.007 min
Lab File: VV028305.D
Acq: 04 Oct 2022 02:05

Instrument :
MSVOA_V
ClientSampleId :

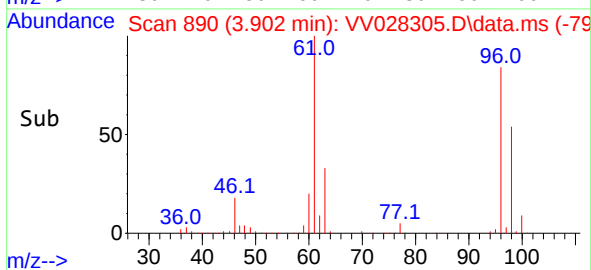
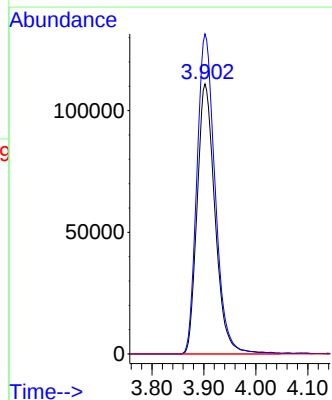
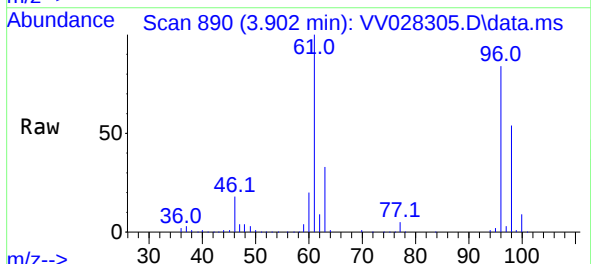


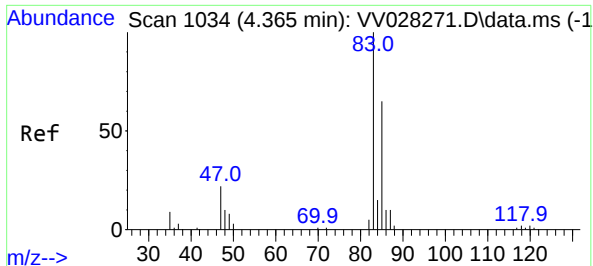
Tgt Ion: 96 Resp: 1894
Ion Ratio Lower Upper
96 100
61 120.2 96.2 178.6
98 70.5 45.7 84.9



#22
cis-1,2-Dichloroethene
Concen: 18.135 ug/L
RT: 3.902 min Scan# 890
Delta R.T. -0.003 min
Lab File: VV028305.D
Acq: 04 Oct 2022 02:05

Tgt Ion: 96 Resp: 265904
Ion Ratio Lower Upper
96 100
61 118.5 87.2 161.9
68 0.0 0.0 0.0

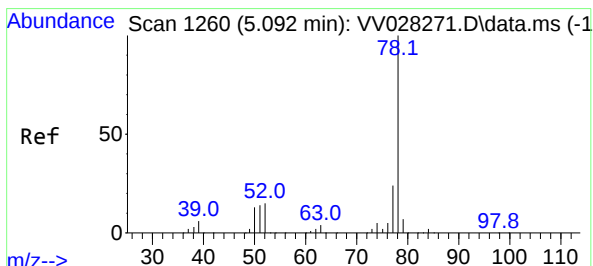
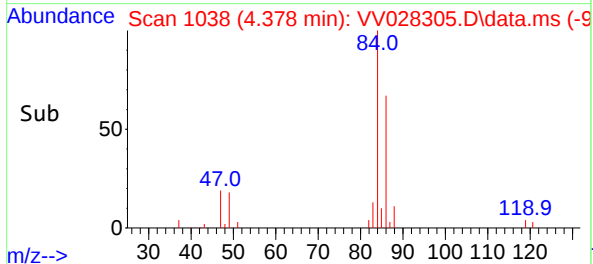
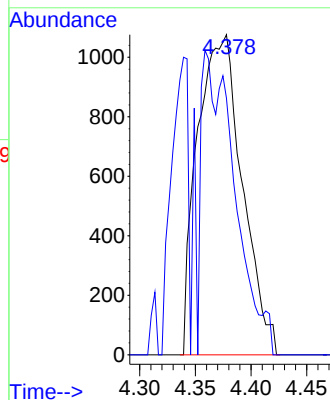
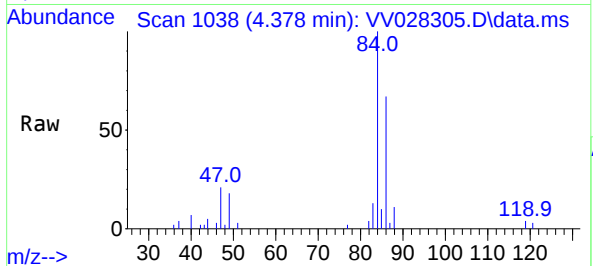




#25
Chloroform
Concen: 0.111 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.010 min
Lab File: VV028305.D
Acq: 04 Oct 2022 02:05

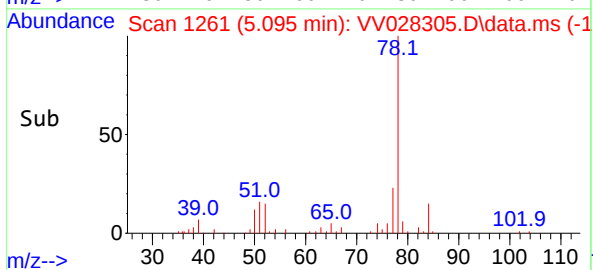
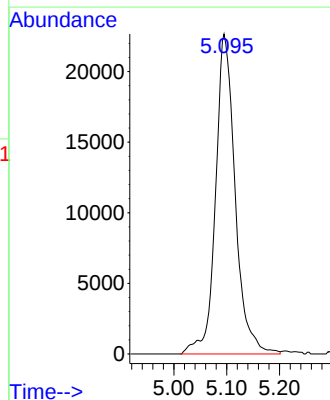
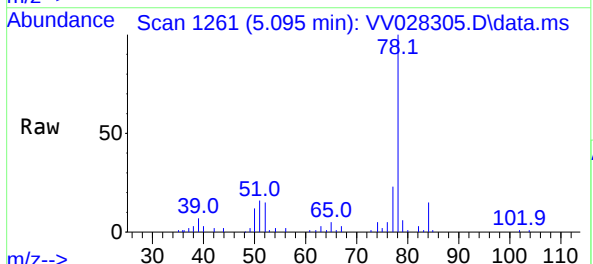
Instrument :
MSVOA_V
ClientSampleId :

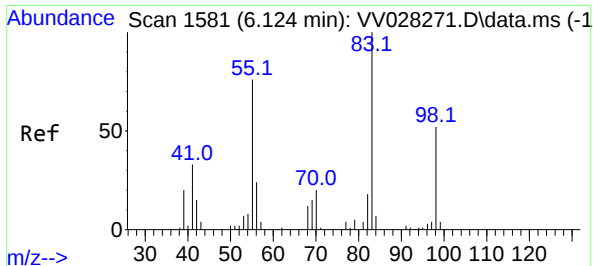
Tgt Ion: 83 Resp: 3015
Ion Ratio Lower Upper
83 100
85 80.2 45.1 83.7



#33
Benzene
Concen: 0.992 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VV028305.D
Acq: 04 Oct 2022 02:05

Tgt Ion: 78 Resp: 58638





#35

Methylcyclohexane

Concen: 0.849 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.058 min

Lab File: VV028305.D

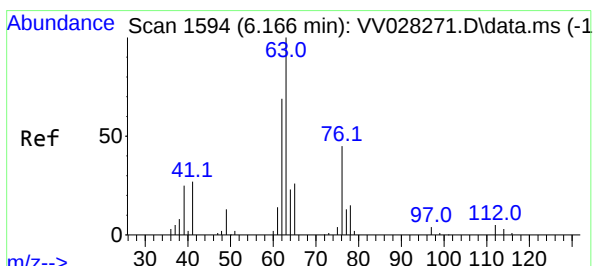
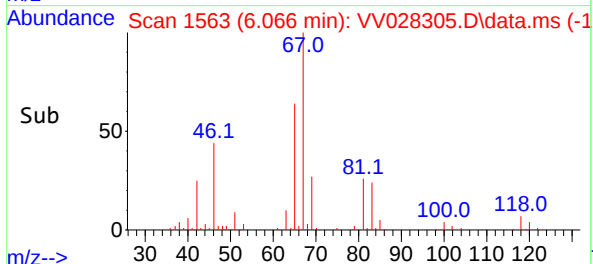
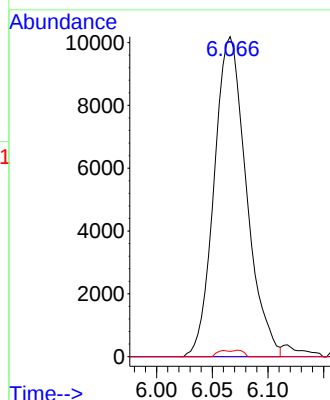
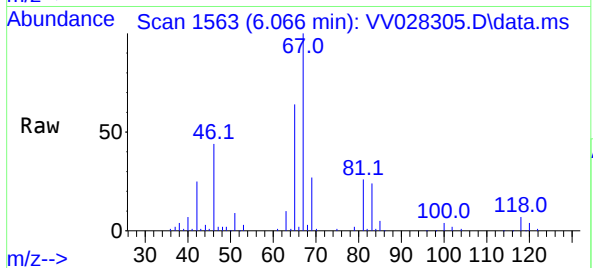
Acq: 04 Oct 2022 02:05

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 20518
Ion Ratio	Lower Upper
83 100	
55 0.2	64.7 97.1#
98 0.7	39.5 59.3#



#37

1,2-Dichloropropane

Concen: 0.677 ug/L

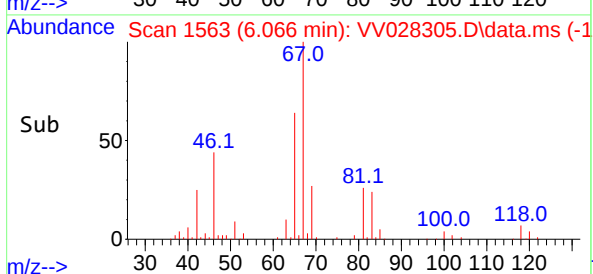
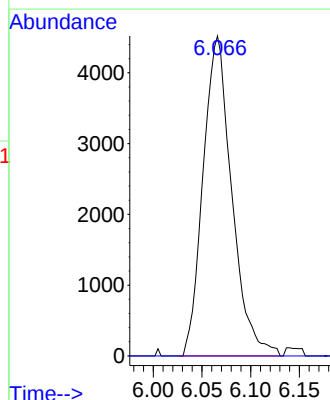
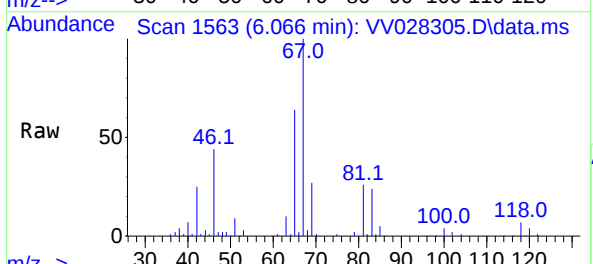
RT: 6.066 min Scan# 1563

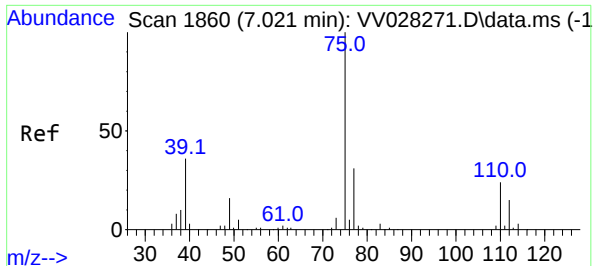
Delta R.T. -0.103 min

Lab File: VV028305.D

Acq: 04 Oct 2022 02:05

Tgt Ion: 63	Resp: 9261
Ion Ratio	Lower Upper
63 100	
112 0.0	3.5 5.3#





#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV028305.D

Acq: 04 Oct 2022 02:05

Instrument :

MSVOA_V

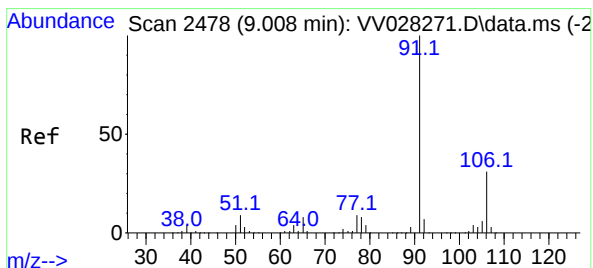
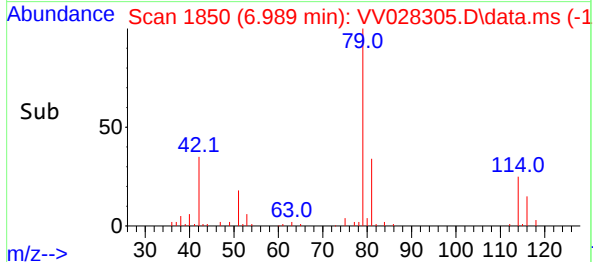
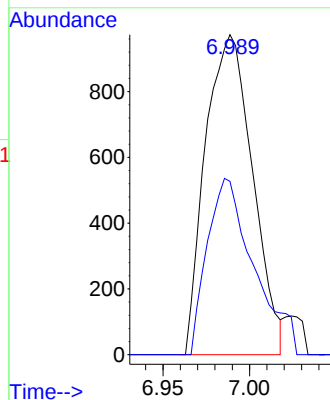
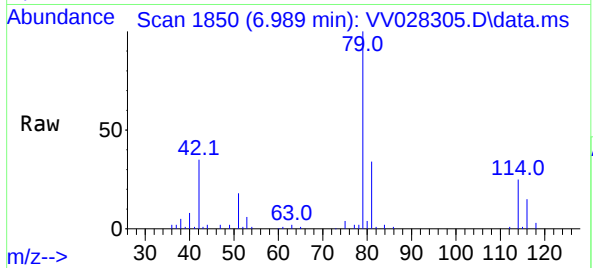
ClientSampleId :

Tgt Ion: 75 Resp: 1843

Ion Ratio Lower Upper

75 100

77 54.2 22.4 41.6#



#52

Ethylbenzene

Concen: 0.040 ug/L

RT: 9.021 min Scan# 2482

Delta R.T. 0.013 min

Lab File: VV028305.D

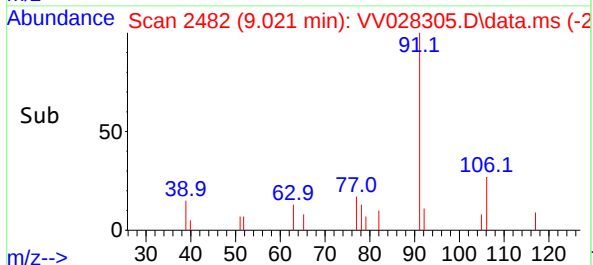
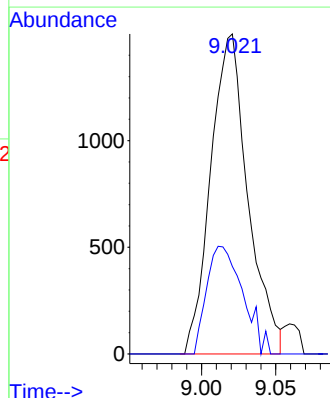
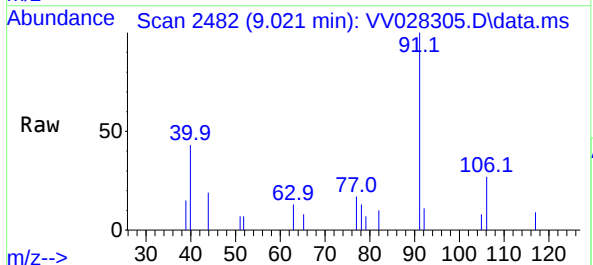
Acq: 04 Oct 2022 02:05

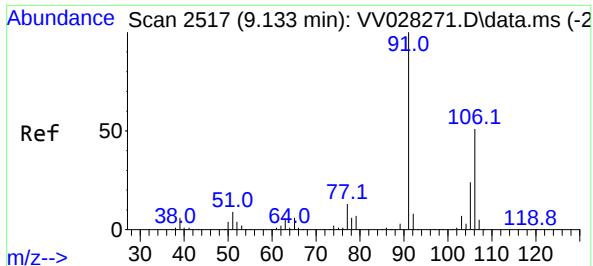
Tgt Ion: 91 Resp: 2614

Ion Ratio Lower Upper

91 100

106 27.3 21.5 39.9

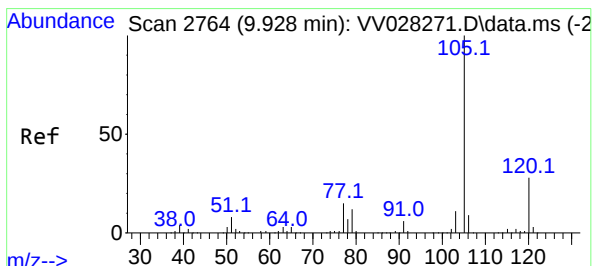
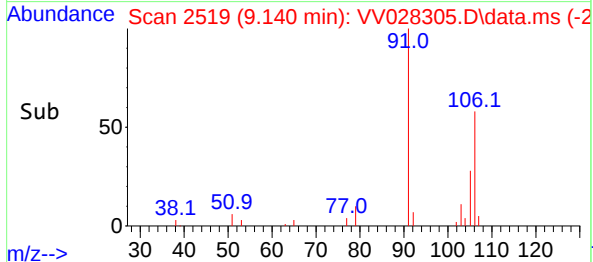
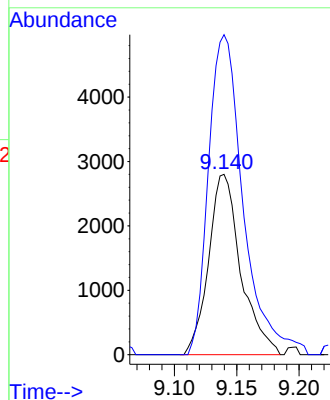
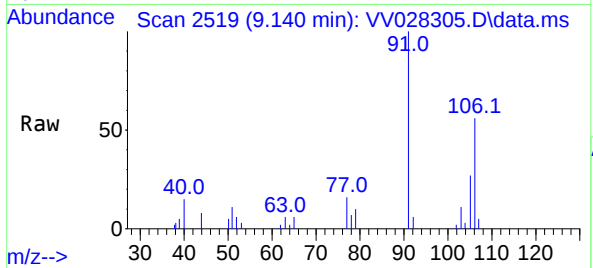




#53
m,p-Xylene
Concen: 0.193 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.007 min
Lab File: VV028305.D
Acq: 04 Oct 2022 02:05

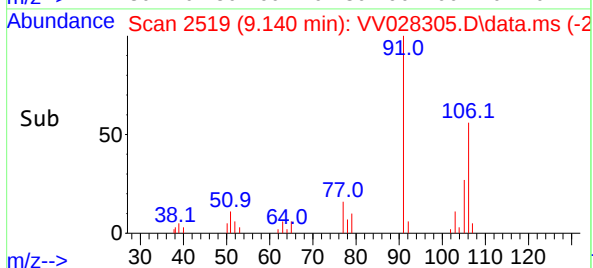
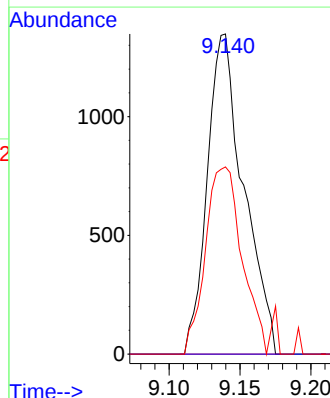
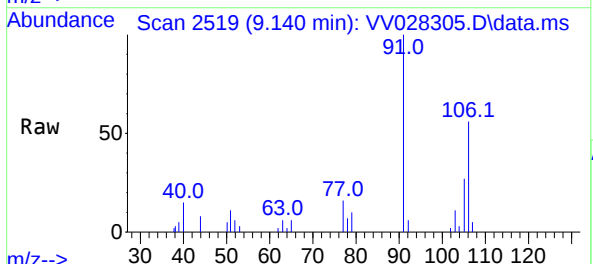
Instrument :
MSVOA_V
ClientSampleId :

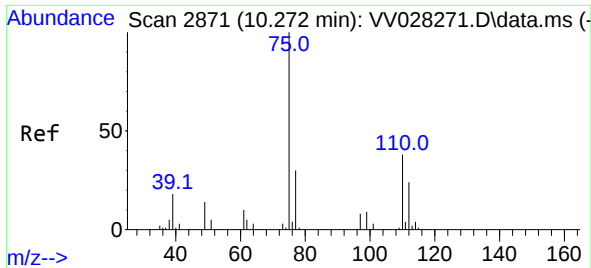
Tgt Ion:106 Resp: 5036
Ion Ratio Lower Upper
106 100
91 177.4 141.9 263.5



#60
Isopropylbenzene
Concen: 0.043 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.788 min
Lab File: VV028305.D
Acq: 04 Oct 2022 02:05

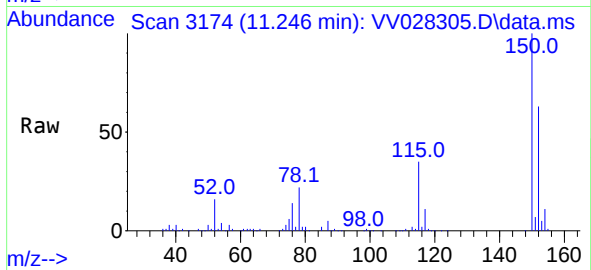
Tgt Ion:105 Resp: 2410
Ion Ratio Lower Upper
105 100
120 0.0 21.4 32.0#
77 58.7 12.2 18.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.290 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.975 min
 Lab File: VV028305.D
 Acq: 04 Oct 2022 02:05

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 9178
 Ion Ratio Lower Upper
 75 100
 77 33.5 26.7 40.1
 110 1.5 30.1 45.1#

