

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100522\
 Data File : VW028371.D
 Acq On : 05 Oct 2022 16:14
 Operator : SY/MD
 Sample : N4866-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFQ1

Quant Time: Oct 06 02:33:19 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	5.616	114	118178	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	121627	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	59869	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	42081	4.739	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.800%
7) Chloroethane-d5	1.564	69	35030	4.660	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.105	63	53760	3.212	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.200%
20) 2-Butanone-d5	3.902	46	177159	117.916	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	235.840%#
24) Chloroform-d	4.346	84	84951	5.281	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.600%
26) 1,2-Dichloroethane-d4	5.034	65	50061	6.713	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	134.200%#
32) Benzene-d6	5.047	84	162420	4.868	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	6.069	67	55987	5.850	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	117.000%
41) Toluene-d8	7.313	98	127287	4.148	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	7.625	79	20020	5.492	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.800%
46) 2-Hexanone-d5	8.088	63	140382	94.086	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	188.180%#
56) 1,1,2,2-Tetrachloroeth...	10.214	84	58734	8.096	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	162.000%#
66) 1,2-Dichlorobenzene-d4	11.622	152	59800	5.804	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	428	0.048	ug/L	91
5) Vinyl chloride	1.307	62	1056510	104.151	ug/L	99
8) Chloroethane	1.510	64	131822	19.498	ug/L #	50
12) 1,1-Dichloroethene	2.117	96	2020	0.238	ug/L #	1
14) Carbon disulfide	2.294	76	2404	0.091	ug/L #	88
18) trans-1,2-Dichloroethene	2.757	96	9835	1.114	ug/L	98
19) 1,1-Dichloroethane	3.185	63	2147	0.143	ug/L #	85
22) cis-1,2-Dichloroethene	3.905	96	921456	103.631	ug/L	96
25) Chloroform	4.375	83	1658	0.101	ug/L	94
27) 1,2-Dichloroethane	5.146	62	2022	0.229	ug/L #	70
33) Benzene	5.101	78	24574	0.679	ug/L	100
34) Trichloroethene	5.921	95	7868	0.868	ug/L	97
35) Methylcyclohexane	6.069	83	13878	0.938	ug/L #	17
37) 1,2-Dichloropropane	6.066	63	5680	0.677	ug/L #	87
48) 2-Hexanone	8.091	43	15691	5.815	ug/L #	69
52) Ethylbenzene	9.017	91	3181	0.079	ug/L	92
53) m,p-Xylene	9.152	106	789	0.049	ug/L	66
61) 1,2,3-Trichloropropane	11.191	75	478	0.103	ug/L #	55

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 04 02:28:45 2022
Response via : Initial Calibration

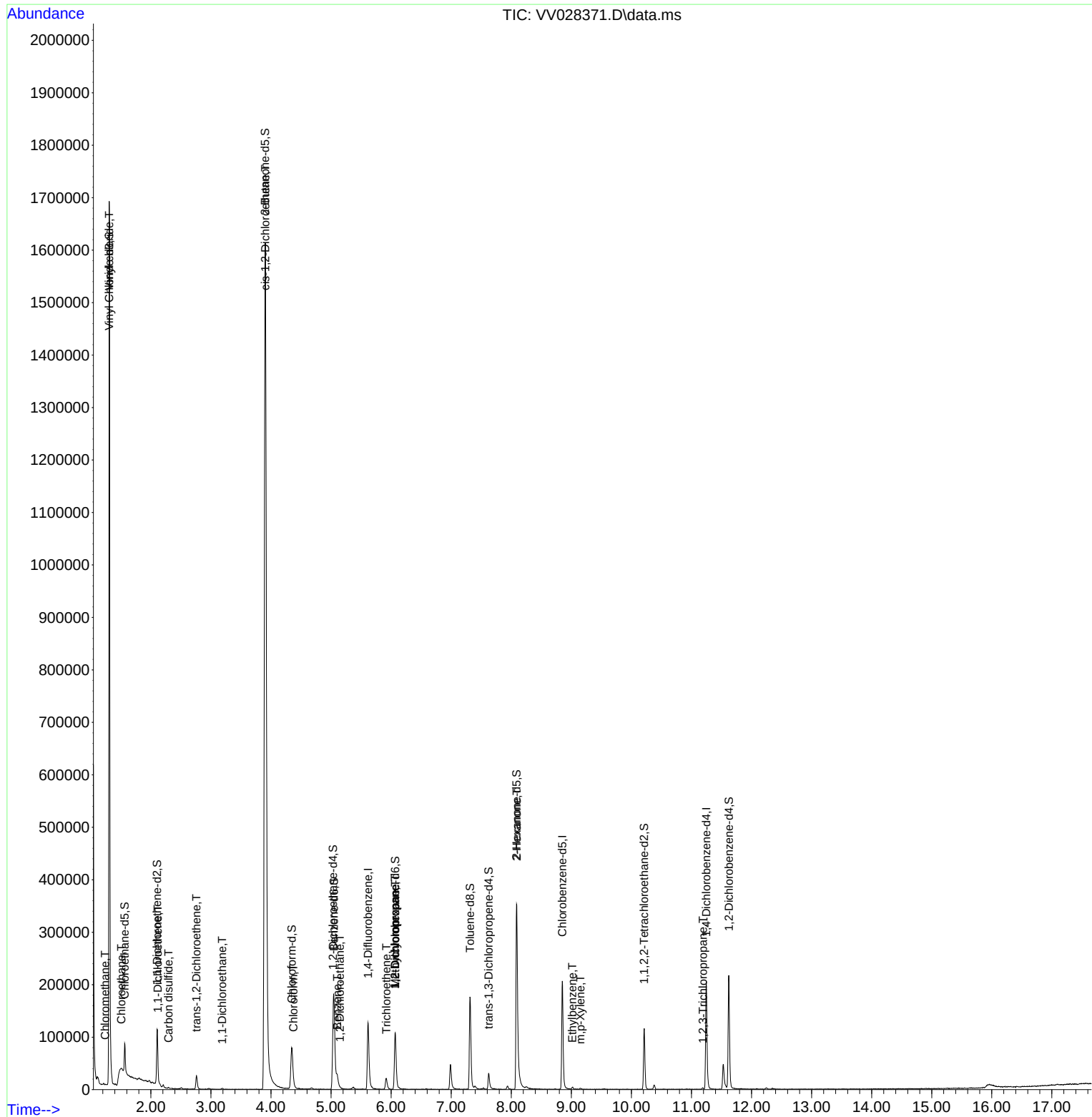
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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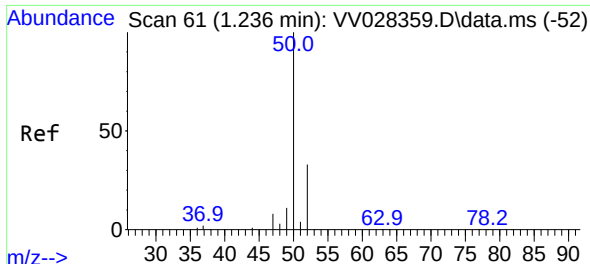
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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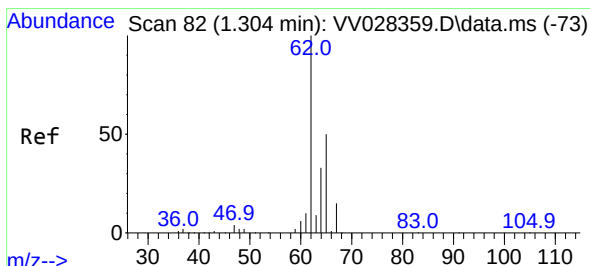
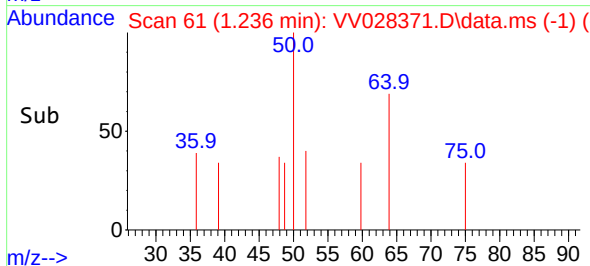
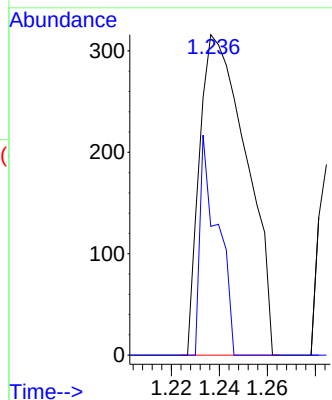
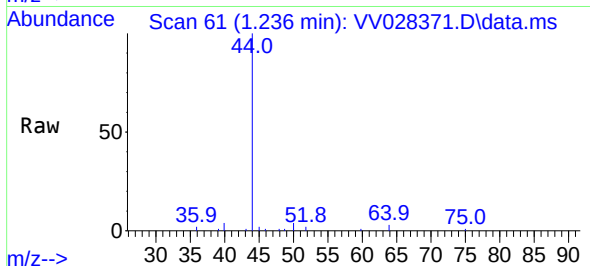




#3
Chloromethane
Concen: 0.048 ug/L
RT: 1.236 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV028371.D
Acq: 05 Oct 2022 16:14

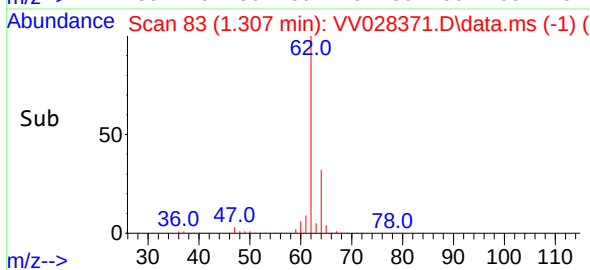
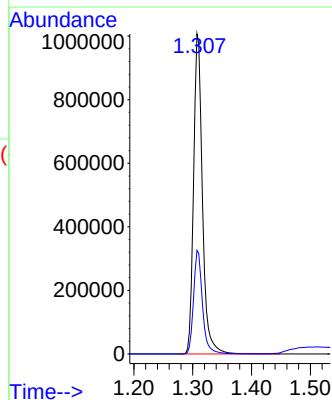
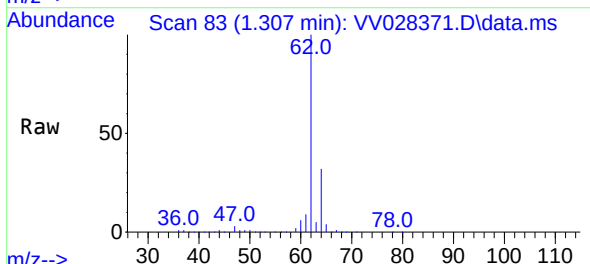
Instrument :
MSVOA_V
ClientSampleId :
EXFQ1

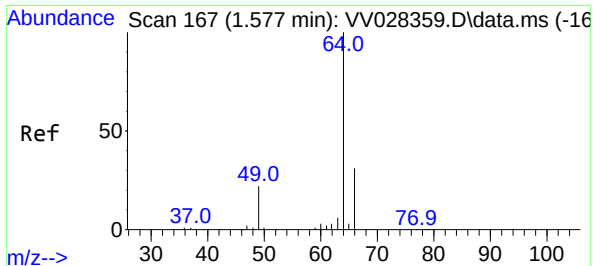
Tgt Ion: 50 Resp: 428
Ion Ratio Lower Upper
50 100
52 40.2 24.4 45.2



#5
Vinyl chloride
Concen: 104.151 ug/L
RT: 1.307 min Scan# 83
Delta R.T. 0.003 min
Lab File: VV028371.D
Acq: 05 Oct 2022 16:14

Tgt Ion: 62 Resp: 1056510
Ion Ratio Lower Upper
62 100
64 32.4 23.0 42.8

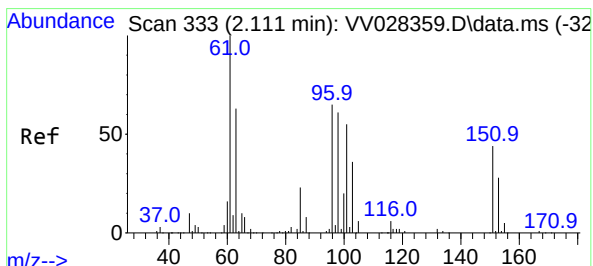
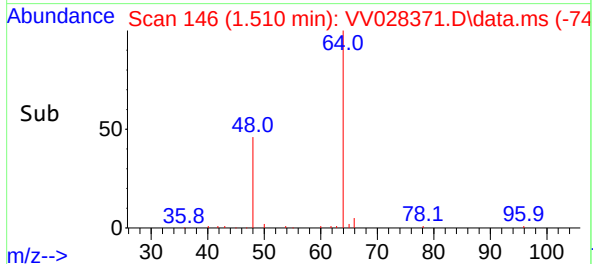
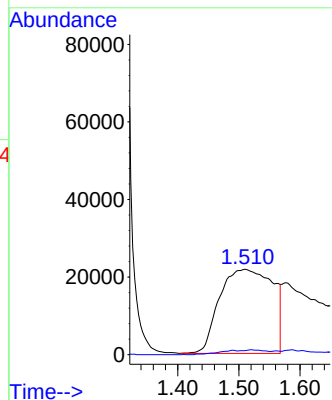
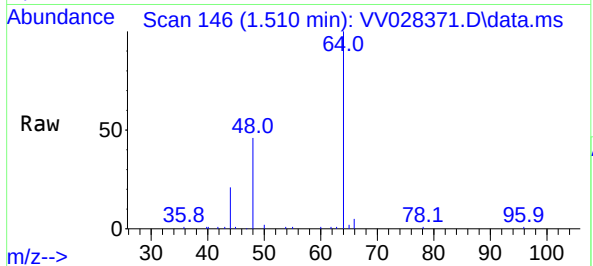




#8
Chloroethane
Concen: 19.498 ug/L
RT: 1.510 min Scan# 146
Delta R.T. -0.067 min
Lab File: VV028371.D
Acq: 05 Oct 2022 16:14

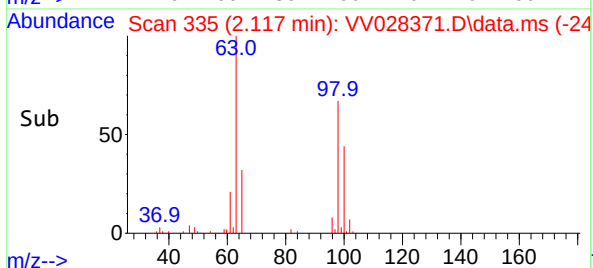
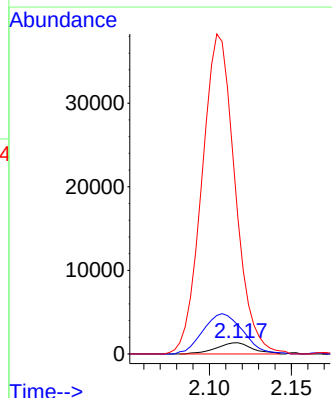
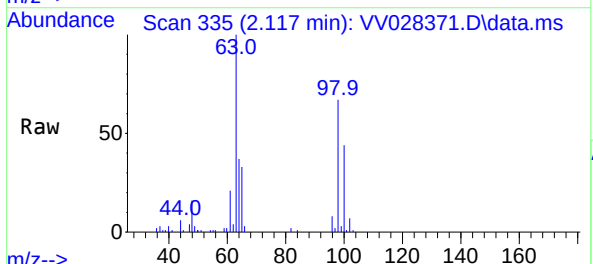
Instrument :
MSVOA_V
ClientSampleId :
EXFQ1

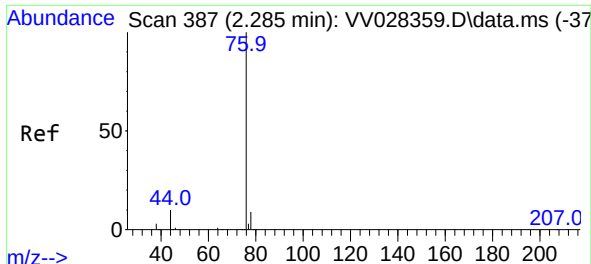
Tgt Ion: 64 Resp: 131822
Ion Ratio Lower Upper
64 100
66 4.7 23.0 42.8#



#12
1,1-Dichloroethene
Concen: 0.238 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.006 min
Lab File: VV028371.D
Acq: 05 Oct 2022 16:14

Tgt Ion: 96 Resp: 2020
Ion Ratio Lower Upper
96 100
61 259.2 128.3 238.3#
63 1216.6 112.7 209.3#

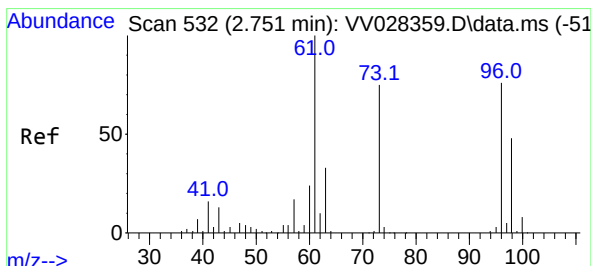
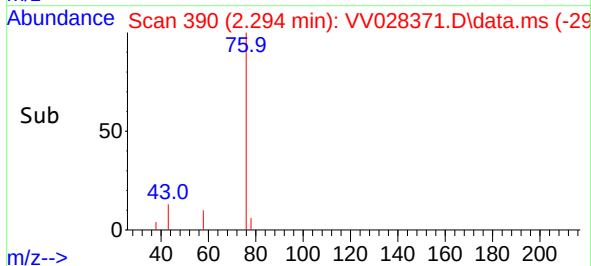
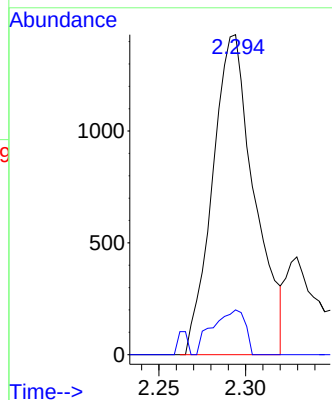
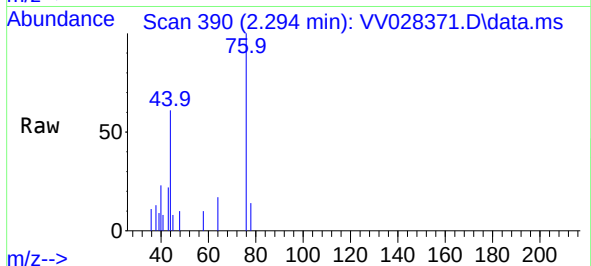




#14
Carbon disulfide
Concen: 0.091 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.010 min
Lab File: VV028371.D
Acq: 05 Oct 2022 16:14

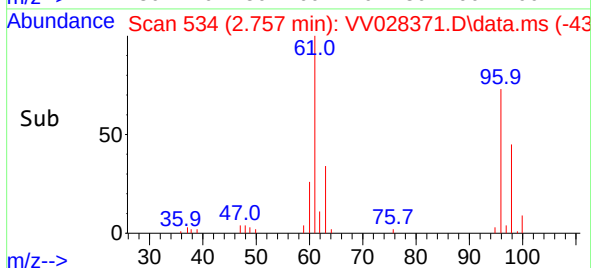
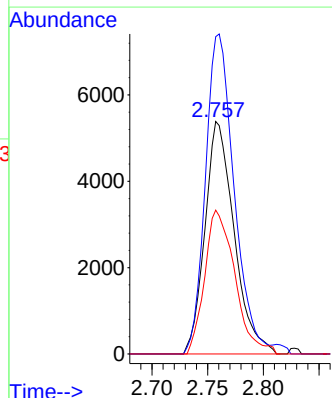
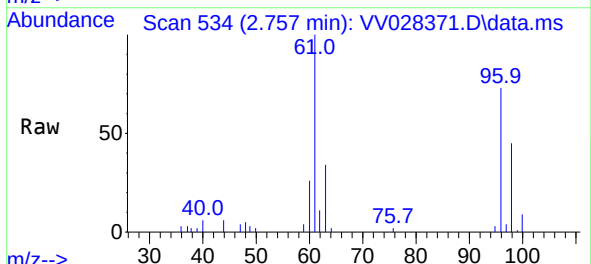
Instrument :
MSVOA_V
ClientSampleId :
EXFQ1

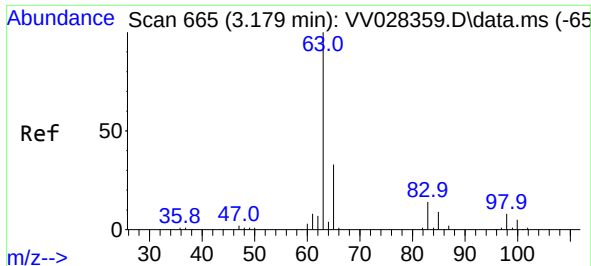
Tgt Ion: 76 Resp: 2404
Ion Ratio Lower Upper
76 100
78 14.0 7.6 11.4#



#18
trans-1,2-Dichloroethene
Concen: 1.114 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.006 min
Lab File: VV028371.D
Acq: 05 Oct 2022 16:14

Tgt Ion: 96 Resp: 9835
Ion Ratio Lower Upper
96 100
61 136.5 96.2 178.6
98 61.9 45.7 84.9





#19

1,1-Dichloroethane

Concen: 0.143 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV028371.D

Acq: 05 Oct 2022 16:14

Instrument :

MSVOA_V

ClientSampleId :

EXFQ1

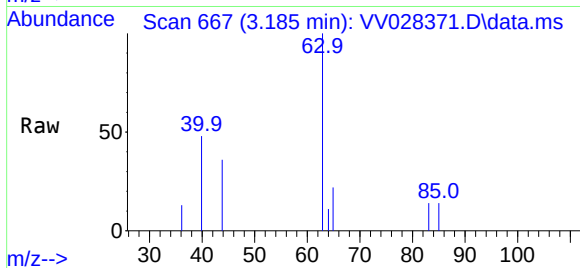
Tgt Ion: 63 Resp: 2147

Ion Ratio Lower Upper

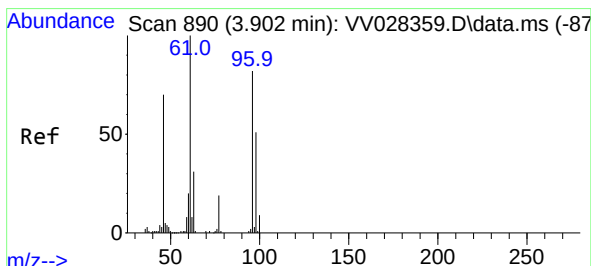
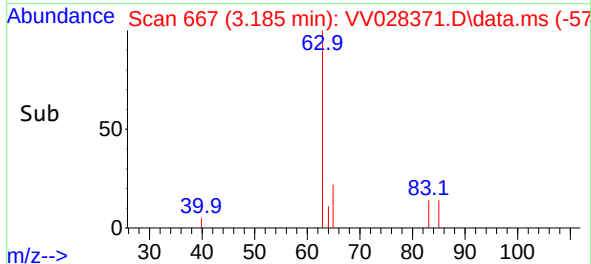
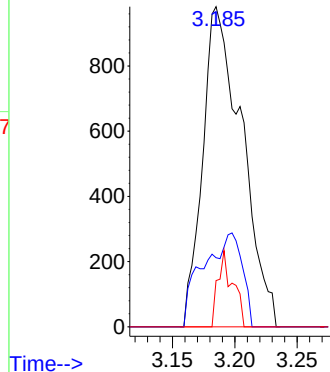
63 100

65 21.6 23.0 42.8#

83 14.5 9.2 17.2



Abundance



#22

cis-1,2-Dichloroethene

Concen: 103.631 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.000 min

Lab File: VV028371.D

Acq: 05 Oct 2022 16:14

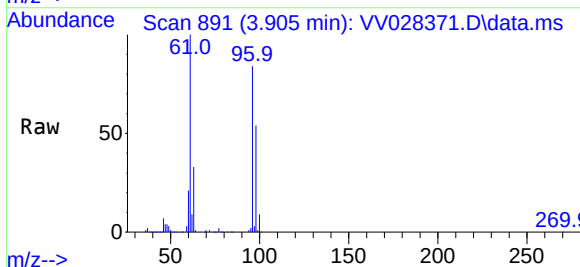
Tgt Ion: 96 Resp: 921456

Ion Ratio Lower Upper

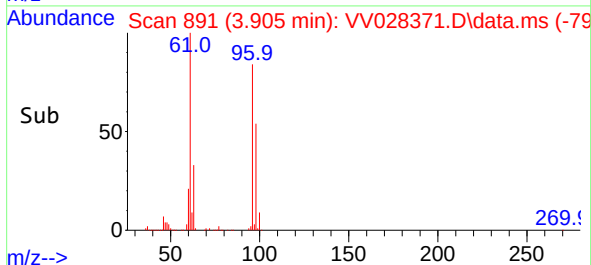
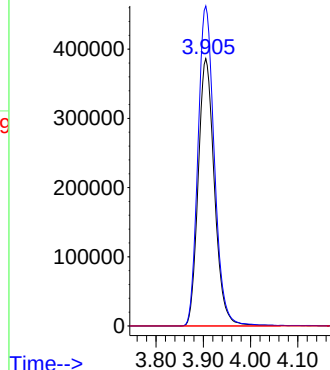
96 100

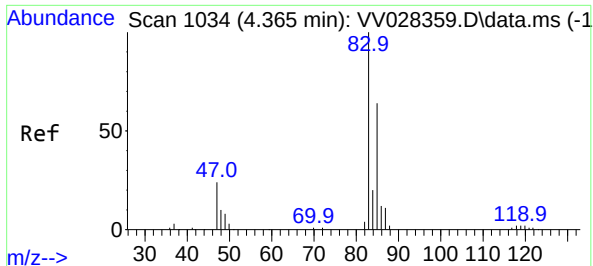
61 119.7 87.2 161.9

68 0.0 0.0 0.0



Abundance





#25

Chloroform

Concen: 0.101 ug/L

RT: 4.375 min Scan# 1034

Delta R.T. 0.006 min

Lab File: VV028371.D

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MSVOA_V

ClientSampleId :

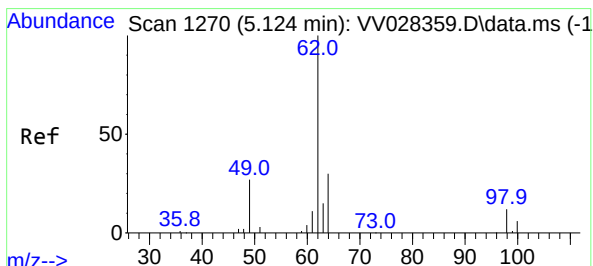
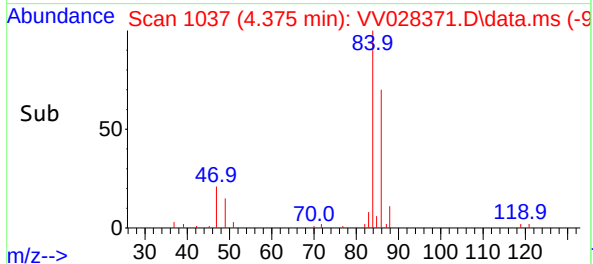
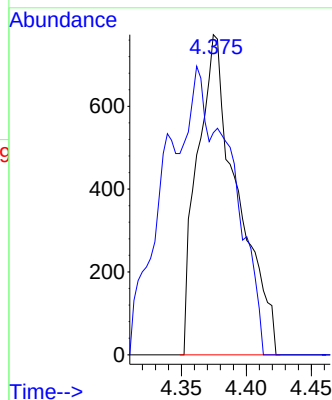
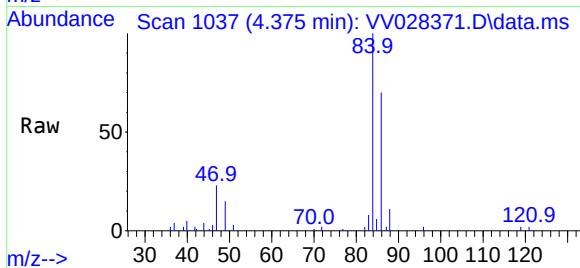
EXFQ1

Tgt Ion: 83 Resp: 1658

Ion Ratio Lower Upper

83 100

85 69.3 45.1 83.7



#27

1,2-Dichloroethane

Concen: 0.229 ug/L

RT: 5.146 min Scan# 1277

Delta R.T. 0.019 min

Lab File: VV028371.D

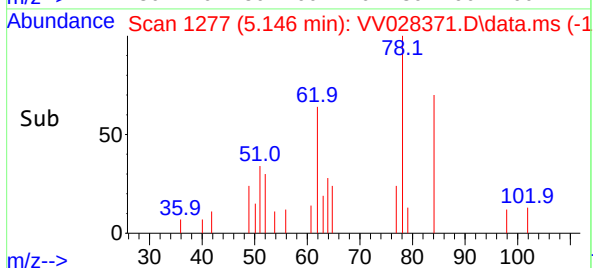
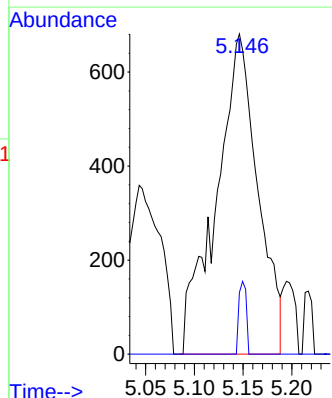
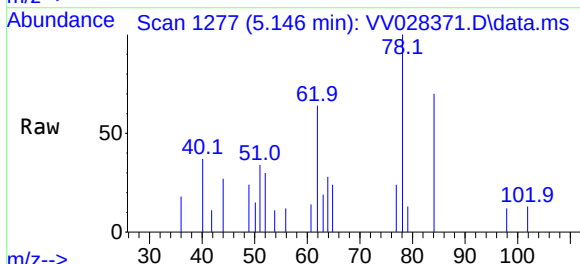
Acq: 05 Oct 2022 16:14

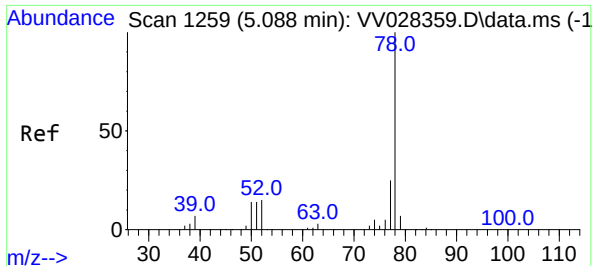
Tgt Ion: 62 Resp: 2022

Ion Ratio Lower Upper

62 100

98 19.2 6.7 10.1#

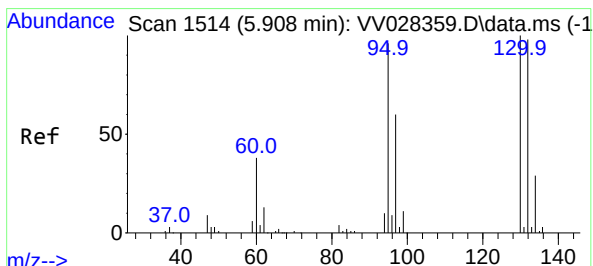
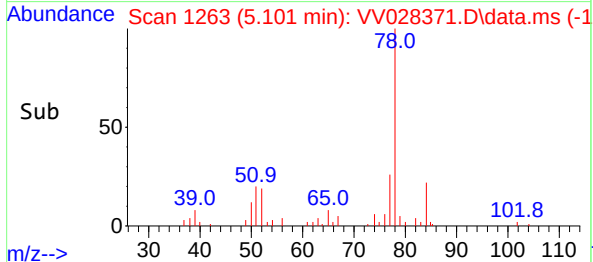
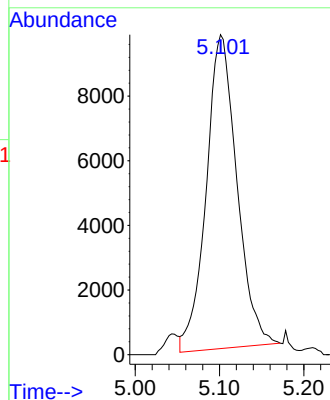
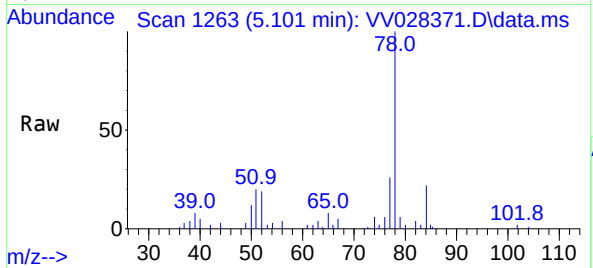




#33
Benzene
Concen: 0.679 ug/L
RT: 5.101 min Scan# 11
Delta R.T. 0.010 min
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Acq: 05 Oct 2022 16:14

Instrument : MSVOA_V
ClientSampleId : EXFQ1

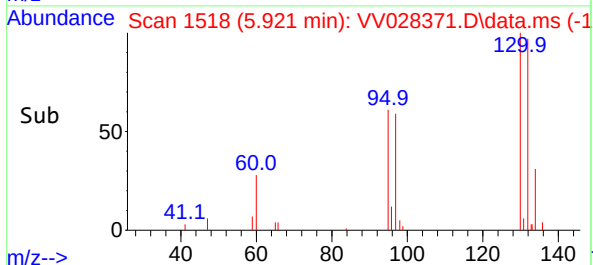
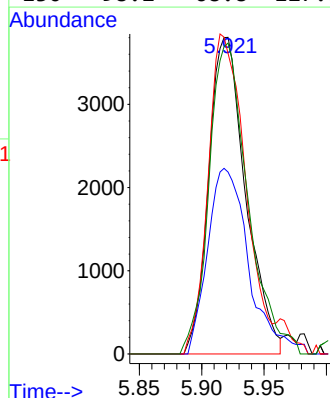
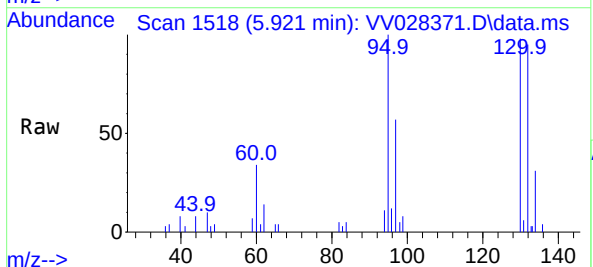
Tgt Ion: 78 Resp: 24574

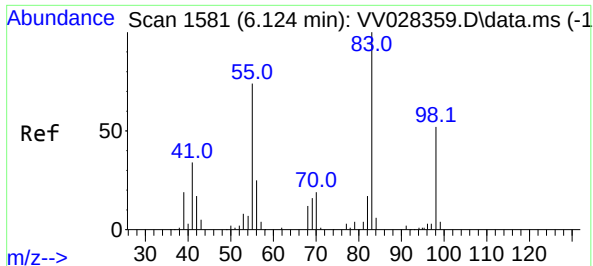


#34
Trichloroethene
Concen: 0.868 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.013 min
Lab File: VV028371.D
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Tgt Ion: 95 Resp: 7868

Ion	Ratio	Lower	Upper
95	100		
97	57.5	44.2	82.0
132	95.0	67.8	126.0
130	98.2	68.8	127.8

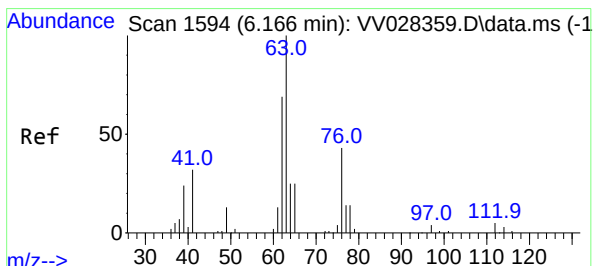
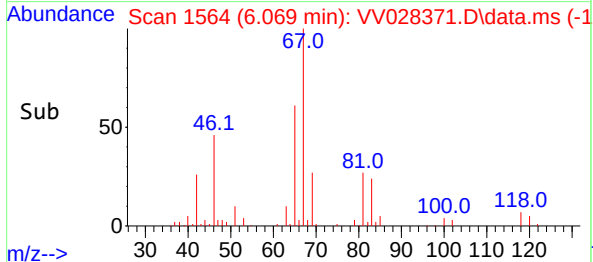
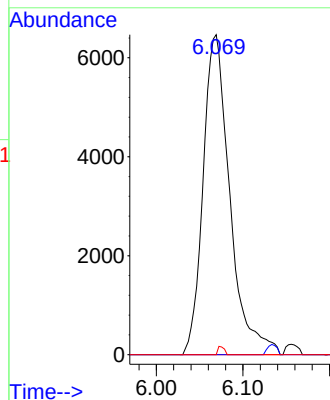
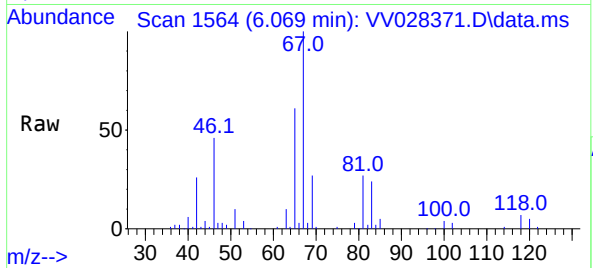




#35
Methylcyclohexane
Concen: 0.938 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.055 min
Lab File: VV028371.D
Acq: 05 Oct 2022 16:14

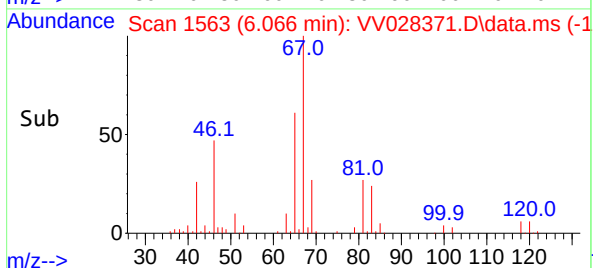
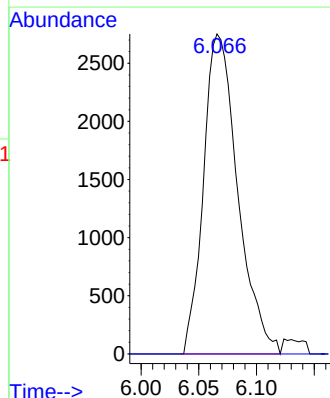
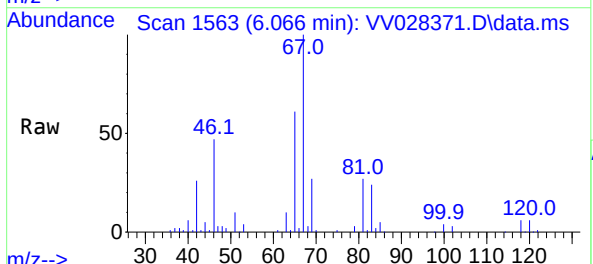
Instrument :
MSVOA_V
ClientSampleId :
EXFQ1

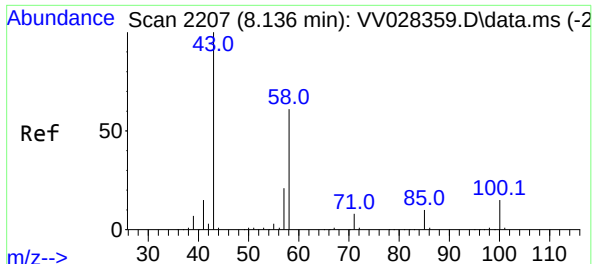
Tgt Ion: 83 Resp: 13878
Ion Ratio Lower Upper
83 100
55 1.1 64.7 97.1#
98 0.6 39.5 59.3#



#37
1,2-Dichloropropane
Concen: 0.677 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.103 min
Lab File: VV028371.D
Acq: 05 Oct 2022 16:14

Tgt Ion: 63 Resp: 5680
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#





#48

2-Hexanone

Concen: 5.815 ug/L

RT: 8.091 min Scan# 2193

Delta R.T. -0.045 min

Lab File: VV028371.D

Acq: 05 Oct 2022 16:14

Instrument :

MSVOA_V

ClientSampleId :

EXFQ1

Tgt Ion: 43 Resp: 15691

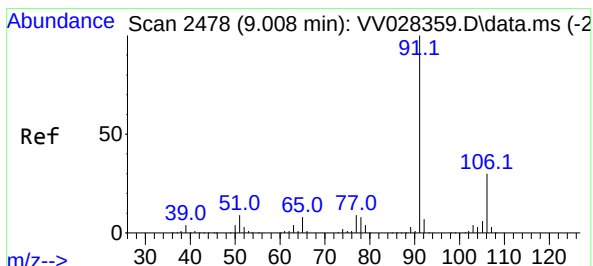
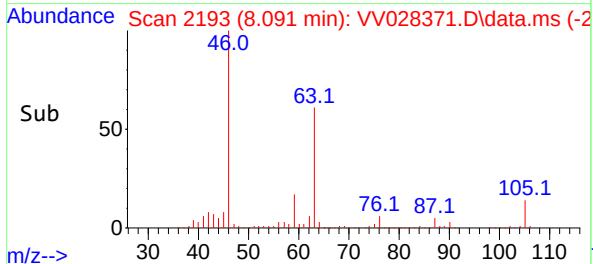
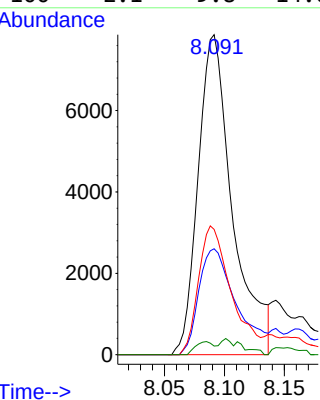
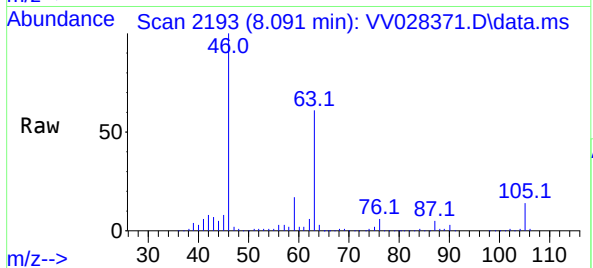
Ion Ratio Lower Upper

43 100

58 36.4 45.7 68.5#

57 38.2 15.5 23.3#

100 2.1 9.8 14.6#



#52

Ethylbenzene

Concen: 0.079 ug/L

RT: 9.017 min Scan# 2481

Delta R.T. 0.010 min

Lab File: VV028371.D

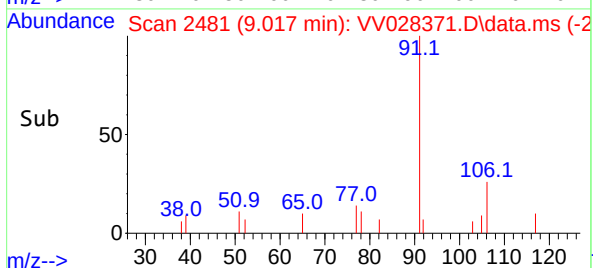
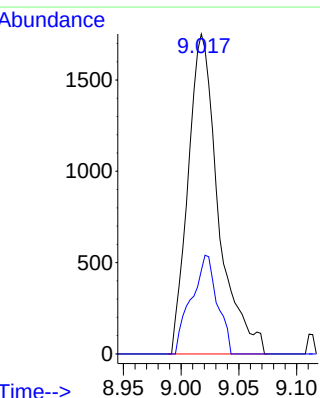
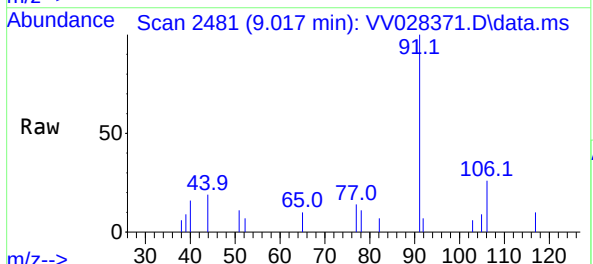
Acq: 05 Oct 2022 16:14

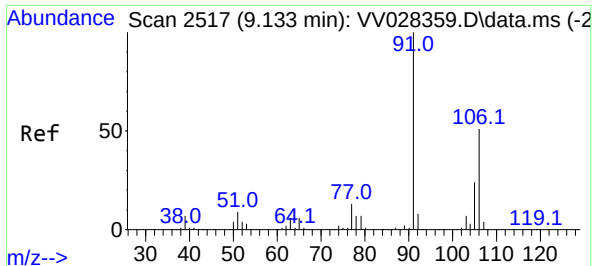
Tgt Ion: 91 Resp: 3181

Ion Ratio Lower Upper

91 100

106 26.1 21.5 39.9

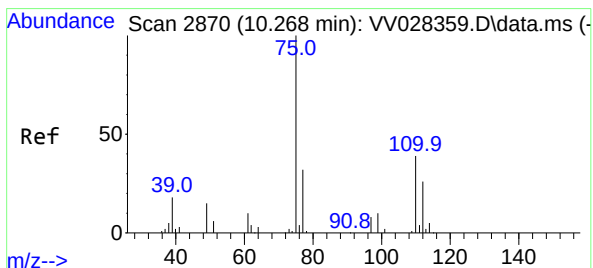
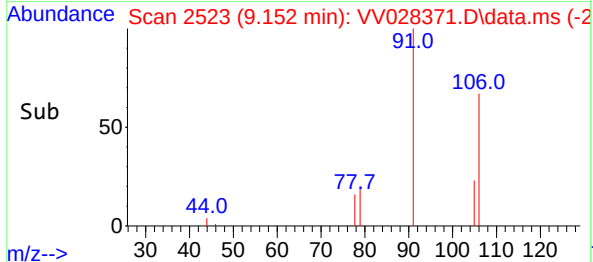
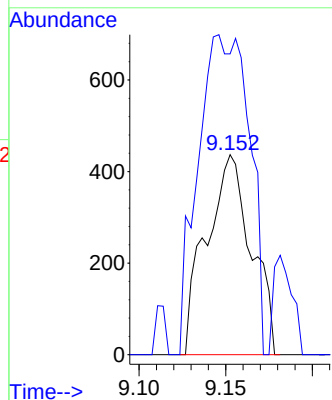
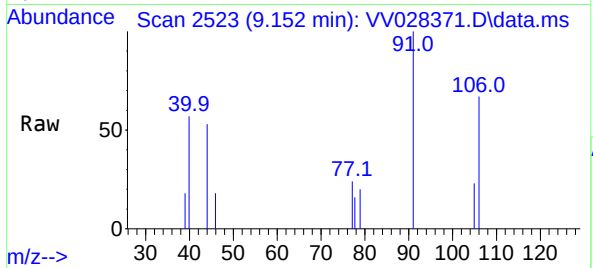




#53
 m,p-Xylene
 Concen: 0.049 ug/L
 RT: 9.152 min Scan# 21
 Delta R.T. 0.019 min
 Lab File: VV028371.D
 Acq: 05 Oct 2022 16:14

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFQ1

Tgt Ion:106 Resp: 789
 Ion Ratio Lower Upper
 106 100
 91 150.3 141.9 263.5



#61
 1,2,3-Trichloropropane
 Concen: 0.103 ug/L
 RT: 11.191 min Scan# 3157
 Delta R.T. 0.920 min
 Lab File: VV028371.D
 Acq: 05 Oct 2022 16:14

Tgt Ion: 75 Resp: 478
 Ion Ratio Lower Upper
 75 100
 77 18.8 26.7 40.1#
 110 0.0 30.1 45.1#

