

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093022\
 Data File : VV028224.D
 Acq On : 30 Sep 2022 14:05
 Operator : SY/MD
 Sample : N4866-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFQ1

Quant Time: Sep 30 22:57:57 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	5.612	114	106275	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	108156	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	50229	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	35014	3.178	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.600%
7) Chloroethane-d5	1.561	69	30171	3.444	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.800%
11) 1,1-Dichloroethene-d2	2.101	63	42285	2.213	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	44.200%#
20) 2-Butanone-d5	3.886	46	163801	88.061	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	176.120%#
24) Chloroform-d	4.339	84	78454	4.462	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.027	65	44942	5.372	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.400%
32) Benzene-d6	5.043	84	136738	3.856	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.200%
36) 1,2-Dichloropropane-d6	6.063	67	48391	4.377	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.313	98	101264	3.155	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.000%#
43) trans-1,3-Dichloroprop...	7.622	79	14651	3.669	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.400%
46) 2-Hexanone-d5	8.085	63	137421	82.447	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	164.900%#
56) 1,1,2,2-Tetrachloroeth...	10.214	84	52427	6.937	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	138.800%#
66) 1,2-Dichlorobenzene-d4	11.622	152	51884	5.266	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	558	0.053	ug/L	96
5) Vinyl chloride	1.304	62	914716	110.994	ug/L	99
6) Bromomethane	1.519	94	1089	0.203	ug/L	91
8) Chloroethane	1.455	64	39369	7.124	ug/L #	50
12) 1,1-Dichloroethene	2.111	96	1878	0.256	ug/L #	1
14) Carbon disulfide	2.288	76	3003	0.213	ug/L #	92
18) trans-1,2-Dichloroethene	2.754	96	8410	1.308	ug/L	99
19) 1,1-Dichloroethane	3.178	63	1924	0.137	ug/L #	85
22) cis-1,2-Dichloroethene	3.899	96	821025	97.322	ug/L	94
27) 1,2-Dichloroethane	5.140	62	1397	0.174	ug/L #	76
33) Benzene	5.095	78	22114	0.736	ug/L	100
34) Trichloroethene	5.915	95	7060	0.944	ug/L	83
35) Methylcyclohexane	6.066	83	11963	1.167	ug/L #	16
37) 1,2-Dichloropropane	6.059	63	4964	0.590	ug/L #	87
39) cis-1,3-Dichloropropene	6.976	75	734	0.070	ug/L	88
45) 1,1,2-Trichloroethane	7.702	97	726	0.129	ug/L #	16
52) Ethylbenzene	9.021	91	2707	0.082	ug/L	91
61) 1,2,3-Trichloropropane	11.246	75	4762	1.130	ug/L #	64

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093022\
Data File : VV028224.D
Acq On : 30 Sep 2022 14:05
Operator : SY/MD
Sample : N4866-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXFQ1

Quant Time: Sep 30 22:57:57 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

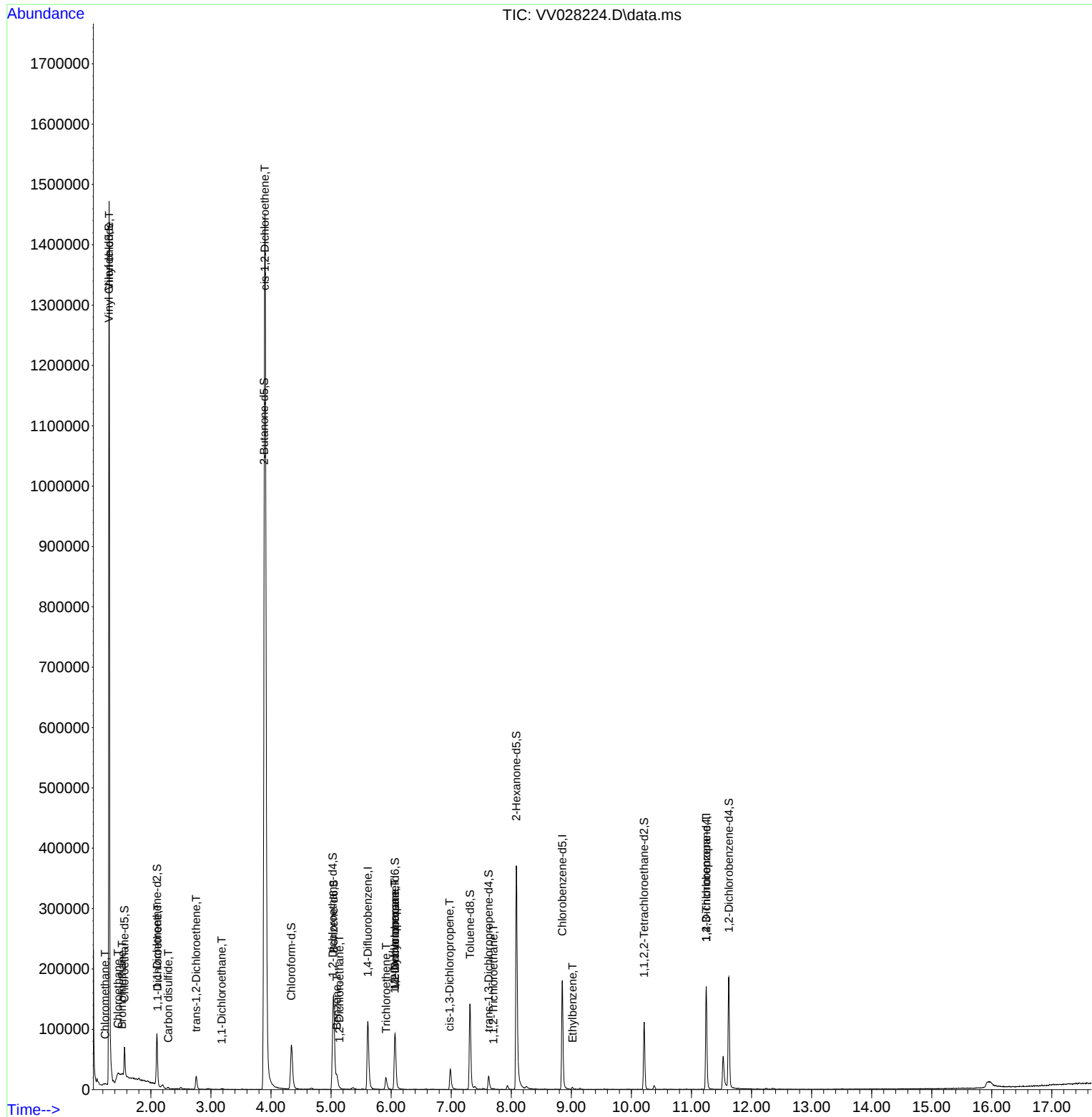
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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

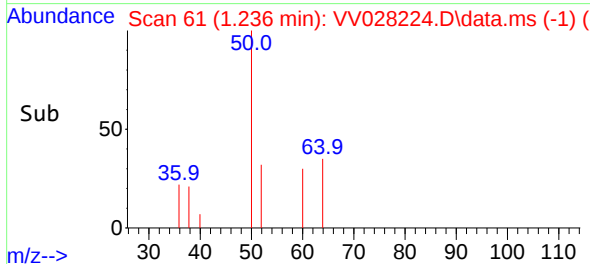
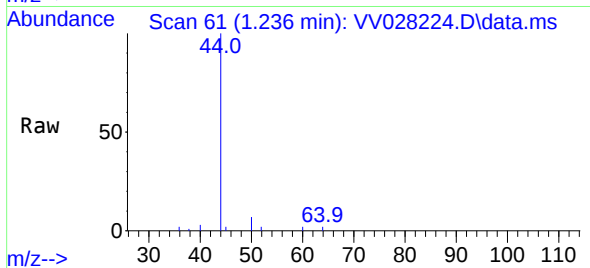
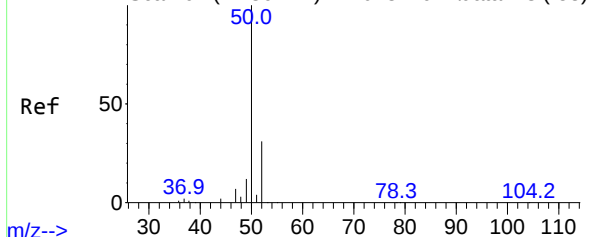
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093022\
Data File : VV028224.D
Acq On : 30 Sep 2022 14:05
Operator : SY/MD
Sample : N4866-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXFQ1

Quant Time: Sep 30 22:57:57 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



Abundance Scan 61 (1.236 min): VV028129.D\data.ms (-53)



#3

Chloromethane

Concen: 0.053 ug/L

RT: 1.236 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV028224.D

Acq: 30 Sep 2022 14:05

Instrument :

MSVOA_V

ClientSampleId :

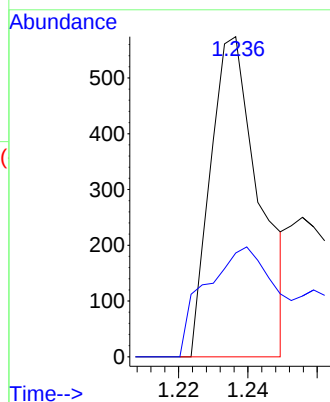
EXFQ1

Tgt Ion: 50 Resp: 558

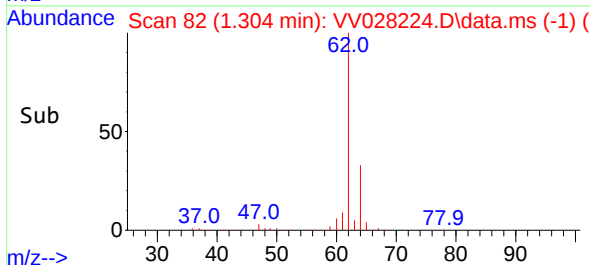
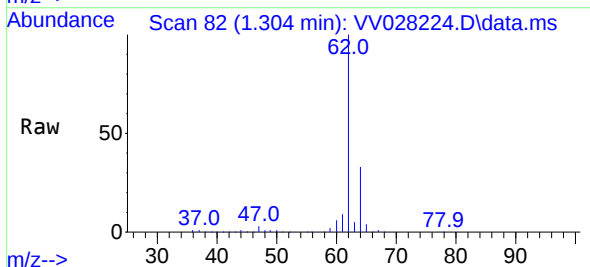
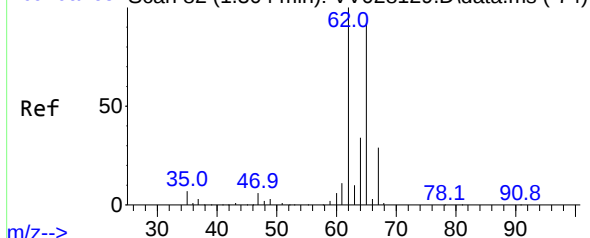
Ion Ratio Lower Upper

50 100

52 32.4 24.4 45.2



Abundance Scan 82 (1.304 min): VV028129.D\data.ms (-74)



#5

Vinyl chloride

Concen: 110.994 ug/L

RT: 1.304 min Scan# 82

Delta R.T. -0.000 min

Lab File: VV028224.D

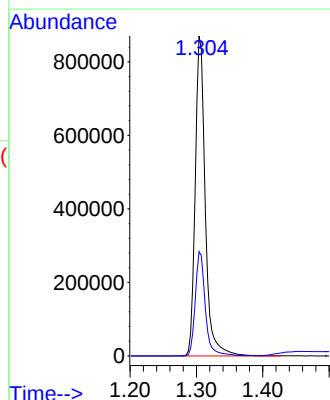
Acq: 30 Sep 2022 14:05

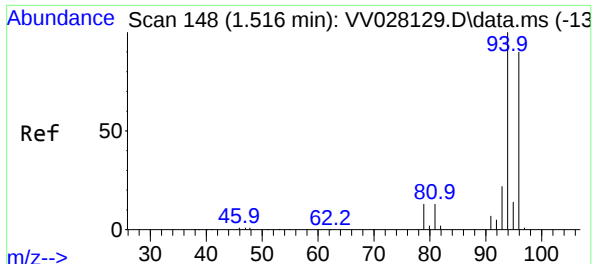
Tgt Ion: 62 Resp: 914716

Ion Ratio Lower Upper

62 100

64 32.6 23.0 42.8

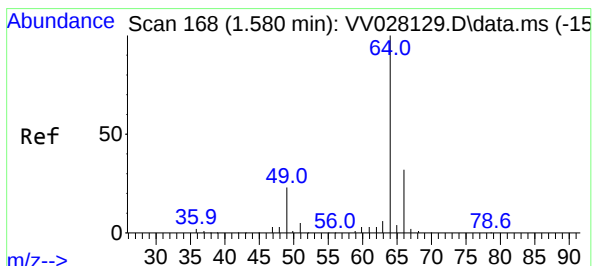
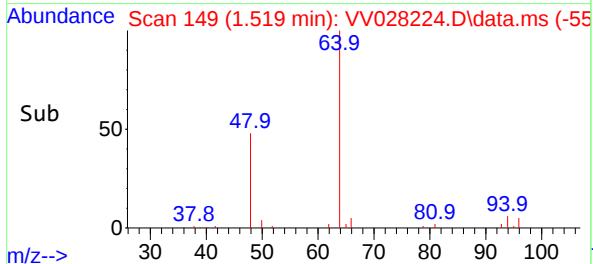
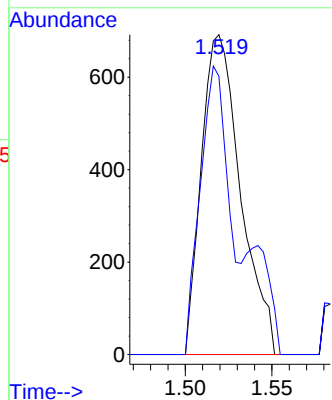
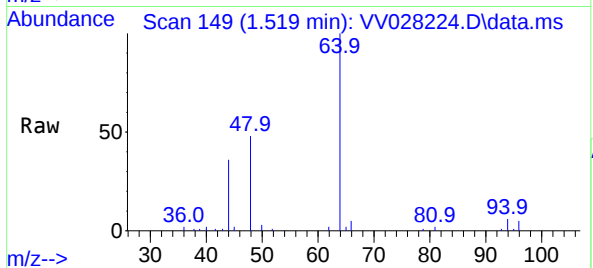




#6
Bromomethane
Concen: 0.203 ug/L
RT: 1.519 min Scan# 14
Delta R.T. 0.003 min
Lab File: VV028224.D
Acq: 30 Sep 2022 14:05

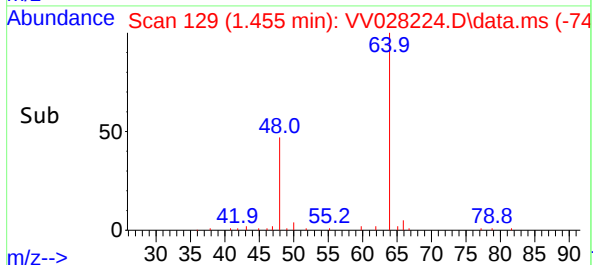
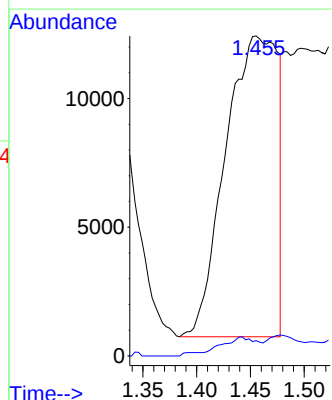
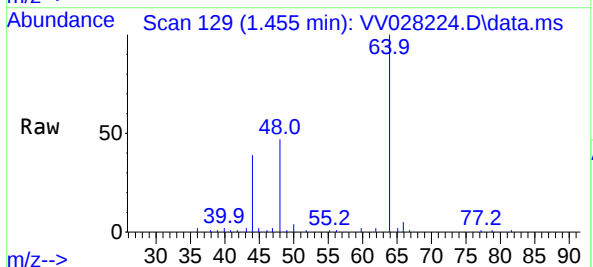
Instrument :
MSVOA_V
ClientSampleId :
EXFQ1

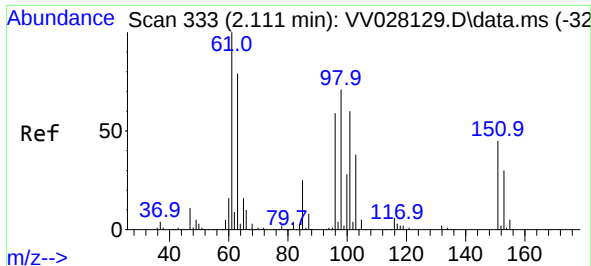
Tgt Ion: 94 Resp: 1089
Ion Ratio Lower Upper
94 100
96 87.0 66.7 123.9



#8
Chloroethane
Concen: 7.124 ug/L
RT: 1.455 min Scan# 129
Delta R.T. -0.122 min
Lab File: VV028224.D
Acq: 30 Sep 2022 14:05

Tgt Ion: 64 Resp: 39369
Ion Ratio Lower Upper
64 100
66 4.8 23.0 42.8#

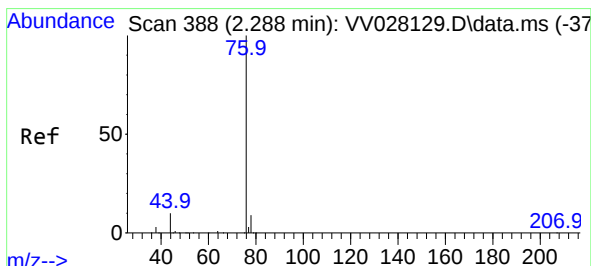
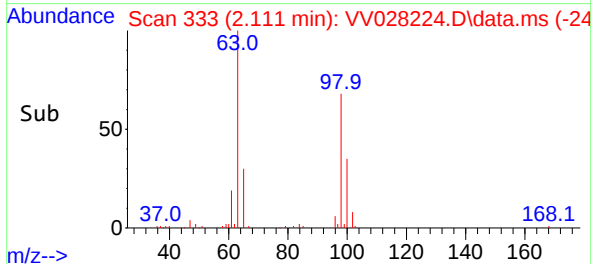
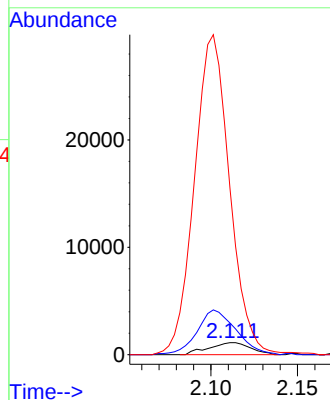
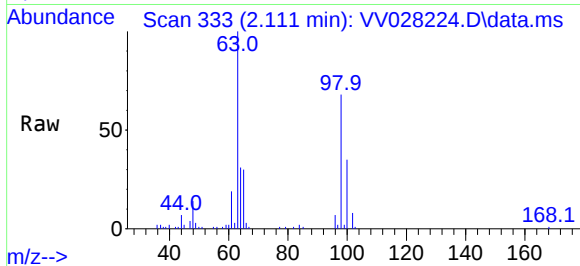




#12
1,1-Dichloroethene
Concen: 0.256 ug/L
RT: 2.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV028224.D
Acq: 30 Sep 2022 14:05

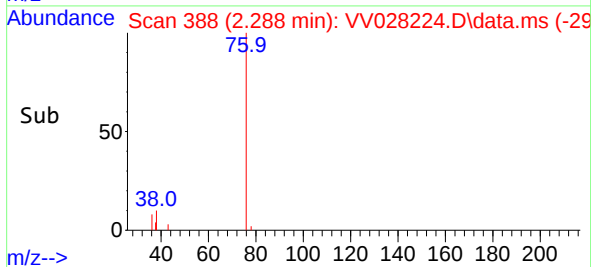
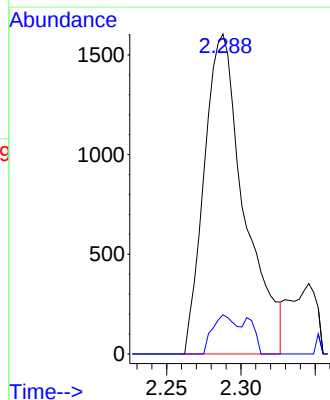
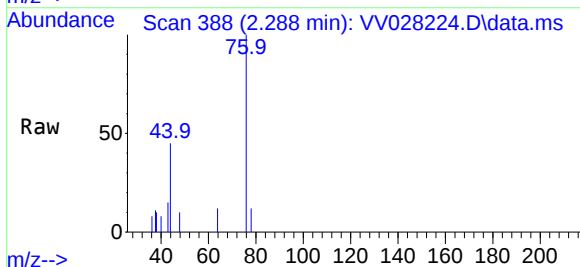
Instrument :
MSVOA_V
ClientSampleId :
EXFQ1

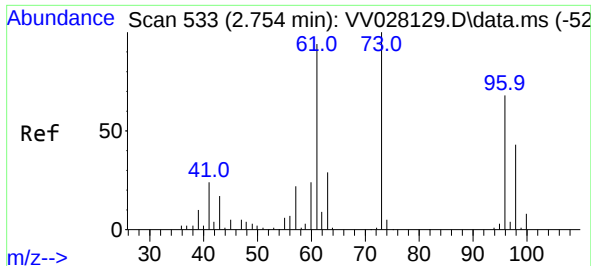
Tgt Ion: 96 Resp: 1878
Ion Ratio Lower Upper
96 100
61 262.9 128.3 238.3#
63 1381.8 112.7 209.3#



#14
Carbon disulfide
Concen: 0.213 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.003 min
Lab File: VV028224.D
Acq: 30 Sep 2022 14:05

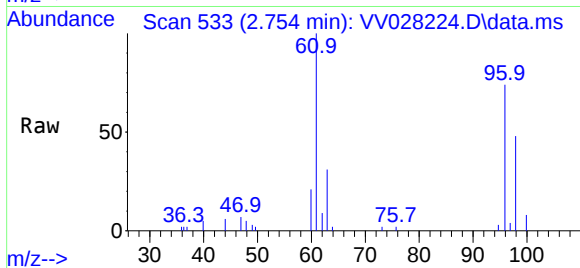
Tgt Ion: 76 Resp: 3003
Ion Ratio Lower Upper
76 100
78 12.3 7.6 11.4#





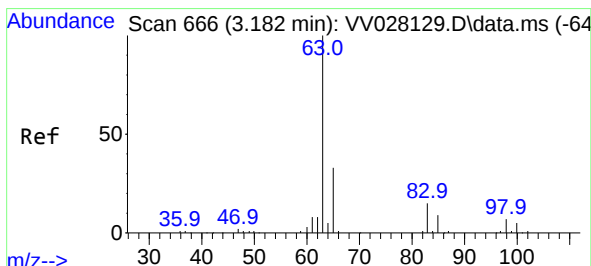
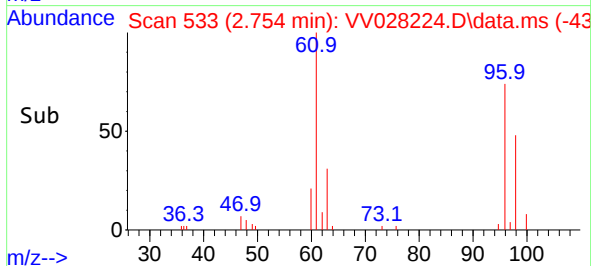
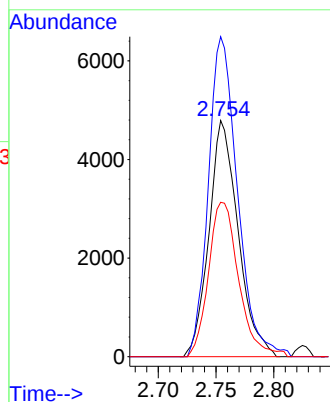
#18
trans-1,2-Dichloroethene
Concen: 1.308 ug/L
RT: 2.754 min Scan# 511
Delta R.T. 0.003 min
Lab File: VV028224.D
Acq: 30 Sep 2022 14:05

Instrument :
MSVOA_V
ClientSampleId :
EXFQ1



Tgt Ion: 96 Resp: 8410

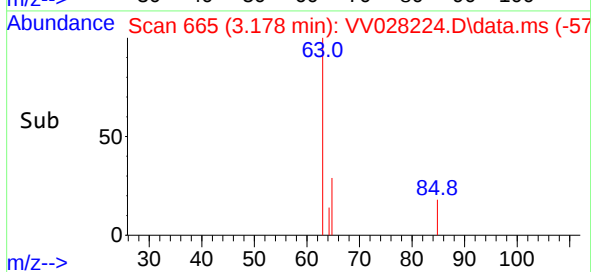
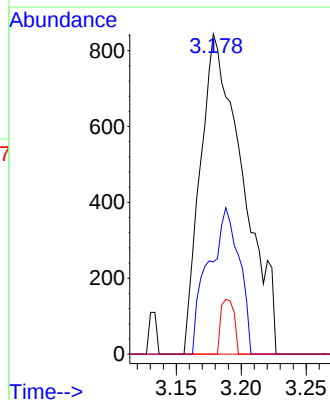
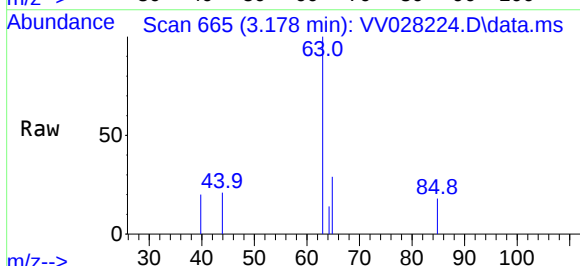
Ion	Ratio	Lower	Upper
96	100		
61	135.5	96.2	178.6
98	65.4	45.7	84.9

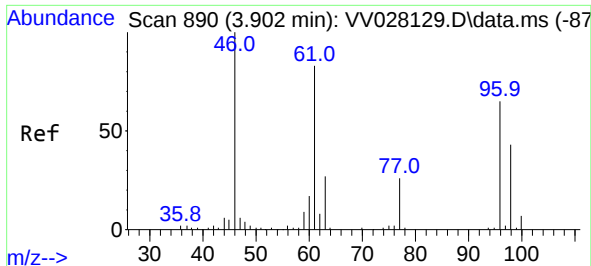


#19
1,1-Dichloroethane
Concen: 0.137 ug/L
RT: 3.178 min Scan# 665
Delta R.T. -0.003 min
Lab File: VV028224.D
Acq: 30 Sep 2022 14:05

Tgt Ion: 63 Resp: 1924

Ion	Ratio	Lower	Upper
63	100		
65	28.8	23.0	42.8
83	0.0	9.2	17.2

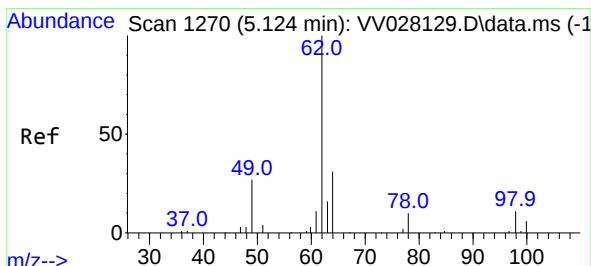
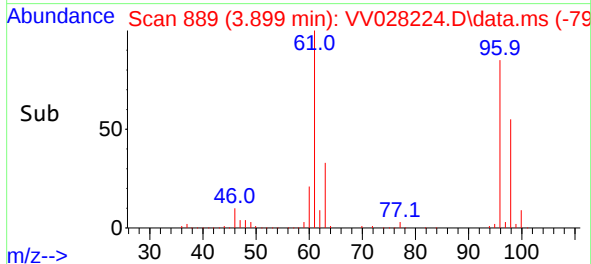
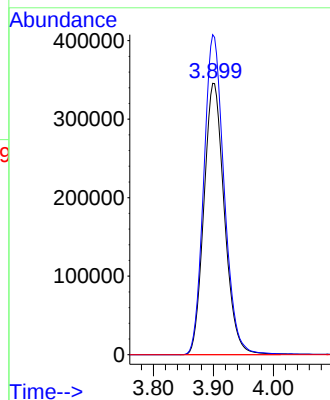
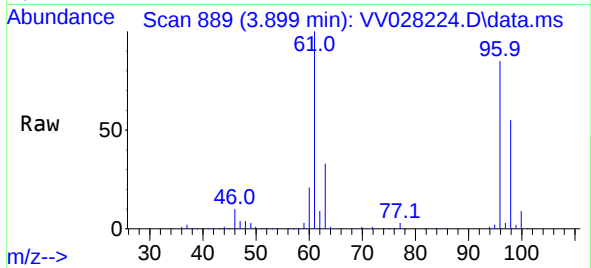




#22
 cis-1,2-Dichloroethene
 Concen: 97.322 ug/L
 RT: 3.899 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV028224.D
 Acq: 30 Sep 2022 14:05

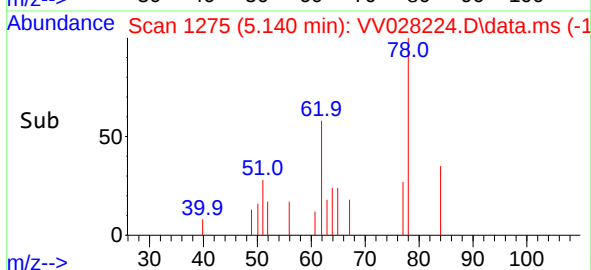
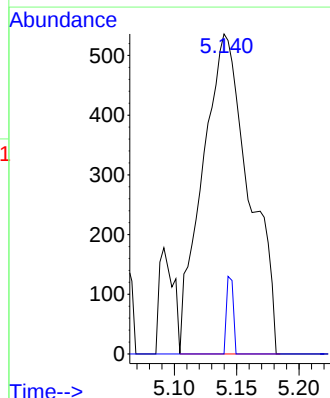
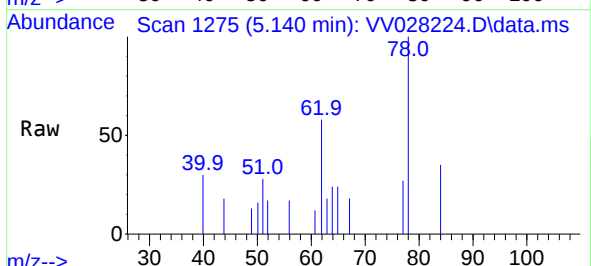
Instrument :
 MSVOA_V
 ClientSampleId :
 EXFQ1

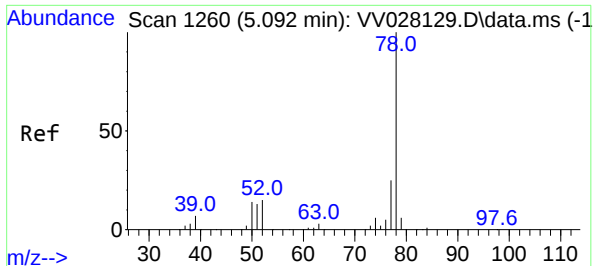
Tgt Ion: 96 Resp: 821025
 Ion Ratio Lower Upper
 96 100
 61 117.9 87.2 161.9
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.174 ug/L
 RT: 5.140 min Scan# 1275
 Delta R.T. 0.016 min
 Lab File: VV028224.D
 Acq: 30 Sep 2022 14:05

Tgt Ion: 62 Resp: 1397
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.7 10.1#

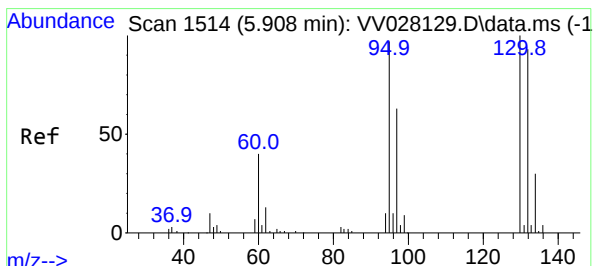
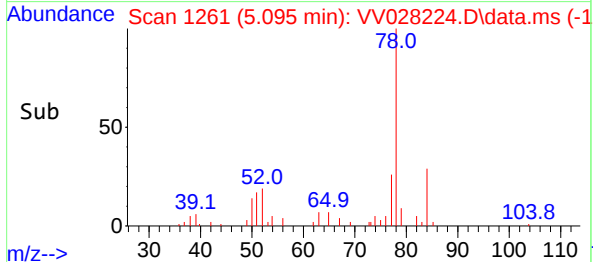
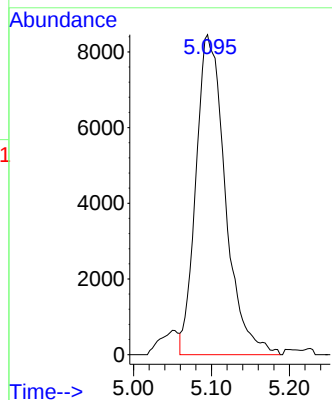
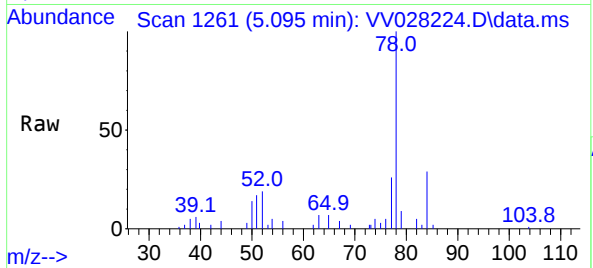




#33
Benzene
Concen: 0.736 ug/L
RT: 5.095 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VV028224.D
Acq: 30 Sep 2022 14:05

Instrument : MSVOA_V
ClientSampleId : EXFQ1

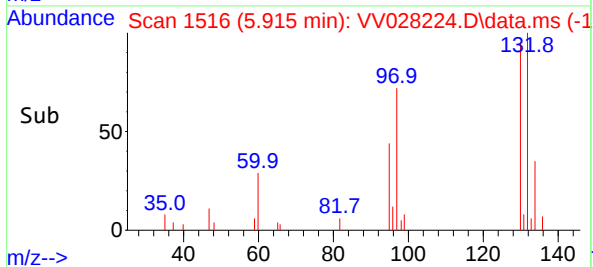
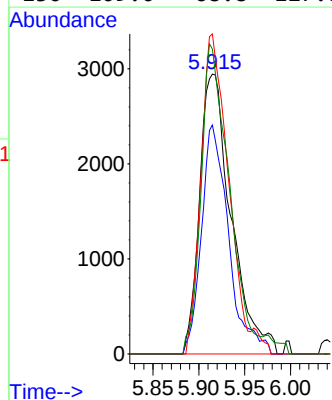
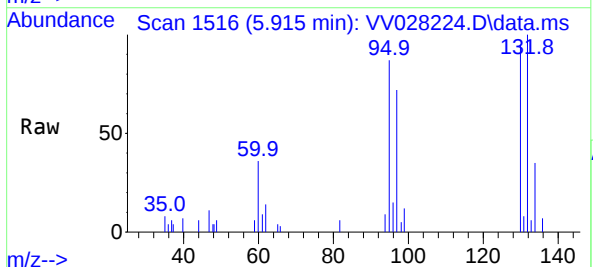
Tgt Ion: 78 Resp: 22114

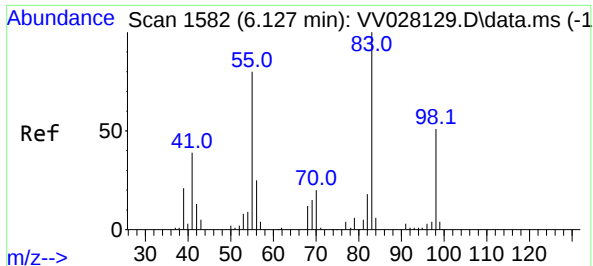


#34
Trichloroethene
Concen: 0.944 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.010 min
Lab File: VV028224.D
Acq: 30 Sep 2022 14:05

Tgt Ion: 95 Resp: 7060

Ion	Ratio	Lower	Upper
95	100		
97	81.8	44.2	82.0
132	114.3	67.8	126.0
130	109.0	68.8	127.8





#35

Methylcyclohexane

Concen: 1.167 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.055 min

Lab File: VV028224.D

Acq: 30 Sep 2022 14:05

Instrument :

MSVOA_V

ClientSampleId :

EXFQ1

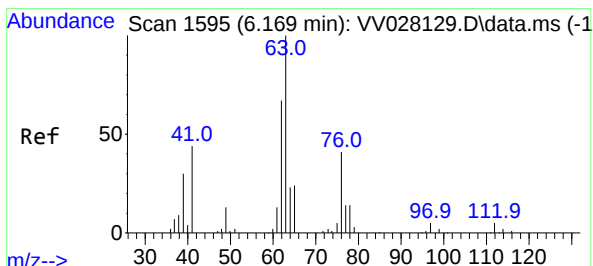
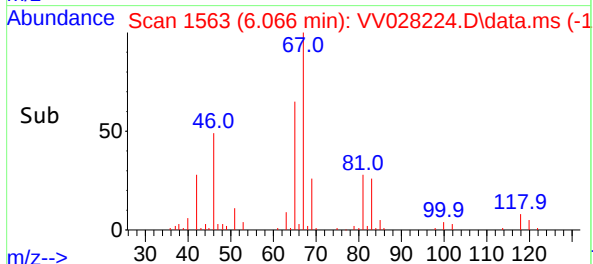
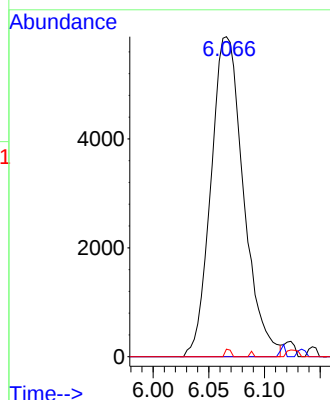
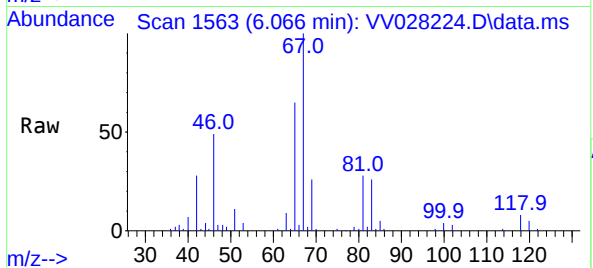
Tgt Ion: 83 Resp: 11963

Ion Ratio Lower Upper

83 100

55 0.0 64.7 97.1#

98 0.4 39.5 59.3#



#37

1,2-Dichloropropane

Concen: 0.590 ug/L

RT: 6.059 min Scan# 1561

Delta R.T. -0.106 min

Lab File: VV028224.D

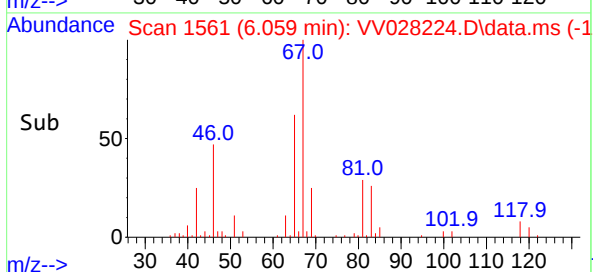
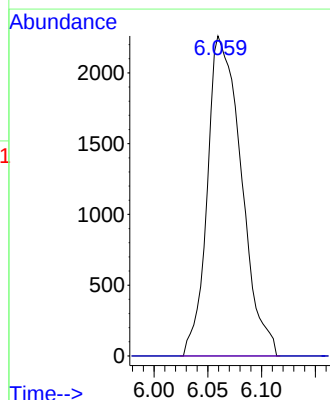
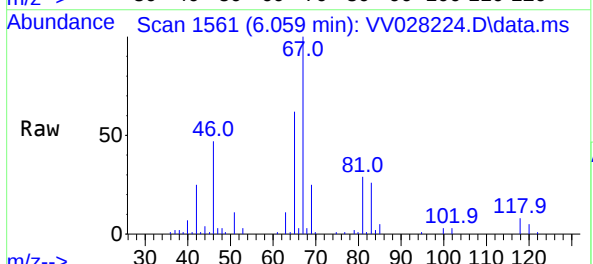
Acq: 30 Sep 2022 14:05

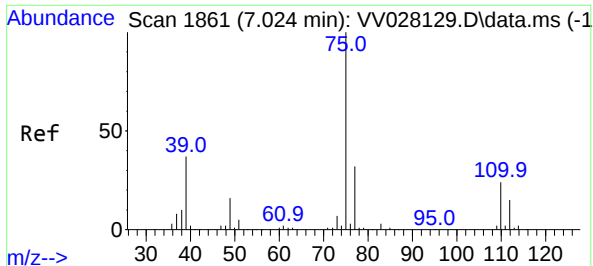
Tgt Ion: 63 Resp: 4964

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#





#39

cis-1,3-Dichloropropene

Concen: 0.070 ug/L

RT: 6.976 min Scan# 11

Delta R.T. -0.045 min

Lab File: VV028224.D

Acq: 30 Sep 2022 14:05

Instrument :

MSVOA_V

ClientSampleId :

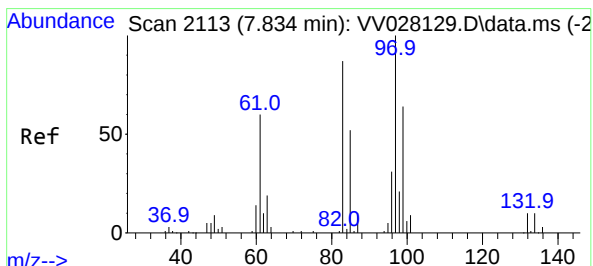
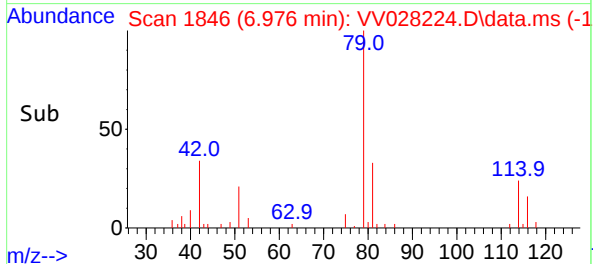
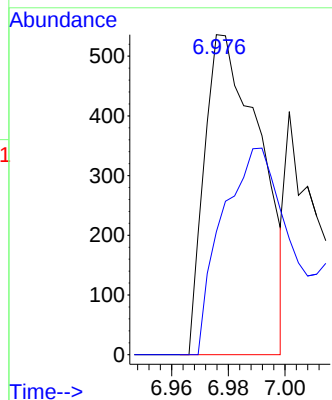
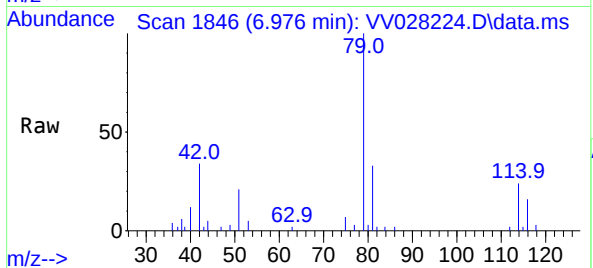
EXFQ1

Tgt Ion: 75 Resp: 734

Ion Ratio Lower Upper

75 100

77 38.4 22.4 41.6



#45

1,1,2-Trichloroethane

Concen: 0.129 ug/L

RT: 7.702 min Scan# 2072

Delta R.T. -0.132 min

Lab File: VV028224.D

Acq: 30 Sep 2022 14:05

Tgt Ion: 97 Resp: 726

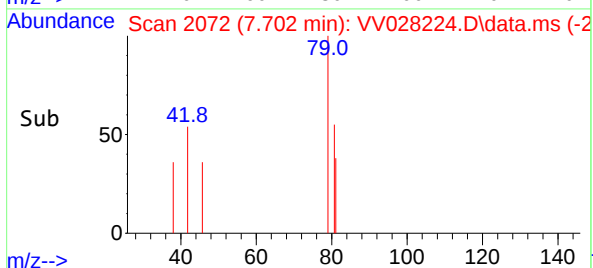
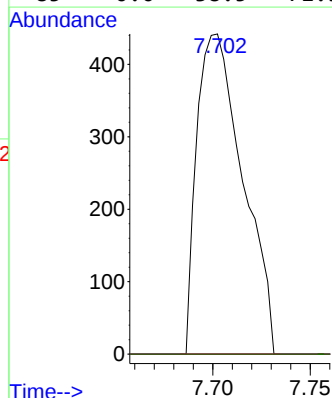
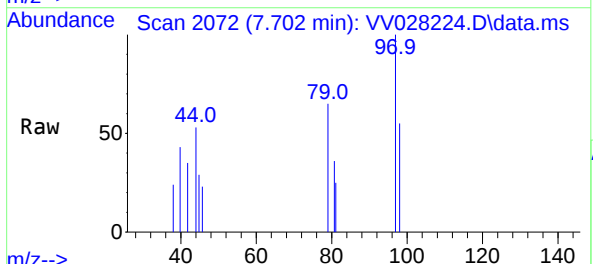
Ion Ratio Lower Upper

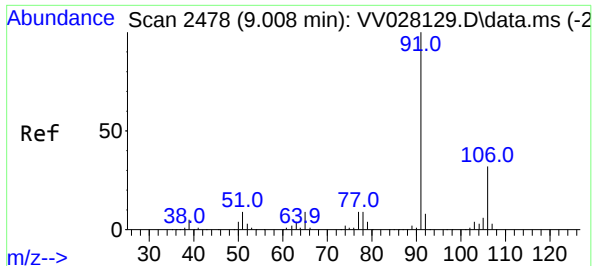
97 100

99 0.0 43.2 80.2#

83 0.0 59.1 109.9#

85 0.0 38.5 71.5#

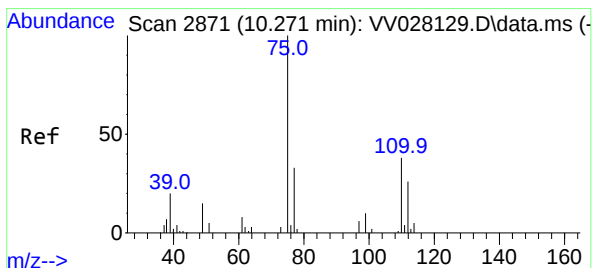
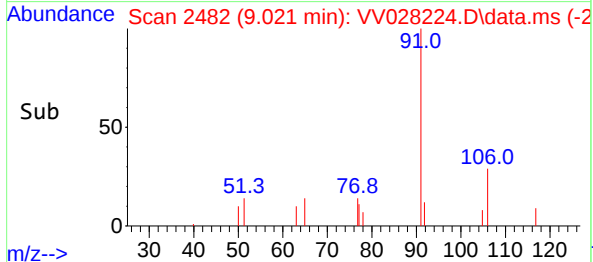
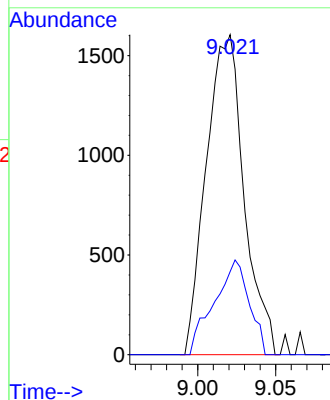
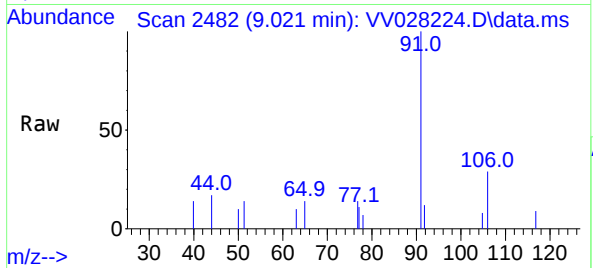




#52
Ethylbenzene
Concen: 0.082 ug/L
RT: 9.021 min Scan# 2478
Delta R.T. 0.013 min
Lab File: VV028224.D
Acq: 30 Sep 2022 14:05

Instrument :
MSVOA_V
ClientSampleId :
EXFQ1

Tgt Ion: 91 Resp: 2707
Ion Ratio Lower Upper
91 100
106 26.0 21.5 39.9



#61
1,2,3-Trichloropropane
Concen: 1.130 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.977 min
Lab File: VV028224.D
Acq: 30 Sep 2022 14:05

Tgt Ion: 75 Resp: 4762
Ion Ratio Lower Upper
75 100
77 30.0 26.7 40.1
110 0.0 30.1 45.1#

