

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW093022\
 Data File : VW028260.D
 Acq On : 01 Oct 2022 05:33
 Operator : SY/MD
 Sample : N4856-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5H43

Quant Time: Oct 03 01:28:29 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	175880	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	178609	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	79731	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	61800	3.389	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.800%
7) Chloroethane-d5	1.561	69	58439	4.031	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.098	63	92039	2.910	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.200%#
20) 2-Butanone-d5	3.902	46	131024	42.563	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.120%
24) Chloroform-d	4.339	84	129856	4.463	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.027	65	61981	4.477	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	5.043	84	258053	4.406	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.063	67	76933	4.214	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.200%
41) Toluene-d8	7.310	98	208665	3.936	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.800%
43) trans-1,3-Dichloroprop...	7.622	79	22664	3.437	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.800%
46) 2-Hexanone-d5	8.085	63	122803	44.614	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.220%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	56034	4.490	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	78137	4.996	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.124	85	7665	0.584	ug/L #	83
6) Bromomethane	1.519	94	415	0.047	ug/L	74
8) Chloroethane	1.394	64	343018	37.505	ug/L #	51
9) Trichlorofluoromethane	1.748	101	4234	0.196	ug/L	100
12) 1,1-Dichloroethene	2.101	96	1047	0.086	ug/L #	1
14) Carbon disulfide	2.288	76	2965	0.127	ug/L #	93
17) Methyl tert-butyl Ether	2.764	73	5210	0.199	ug/L #	94
27) 1,2-Dichloroethane	5.137	62	1456	0.110	ug/L #	76
33) Benzene	5.098	78	4382	0.088	ug/L	100
34) Trichloroethene	5.918	95	3466	0.281	ug/L	92
35) Methylcyclohexane	6.066	83	19023	1.124	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	7942	0.571	ug/L #	87
38) Bromodichloromethane	6.510	83	1436	0.084	ug/L #	69
47) Tetrachloroethene	7.969	164	208875	21.195	ug/L	97
49) Dibromochloromethane	7.969	129	183194	16.347	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	8416	1.259	ug/L #	69

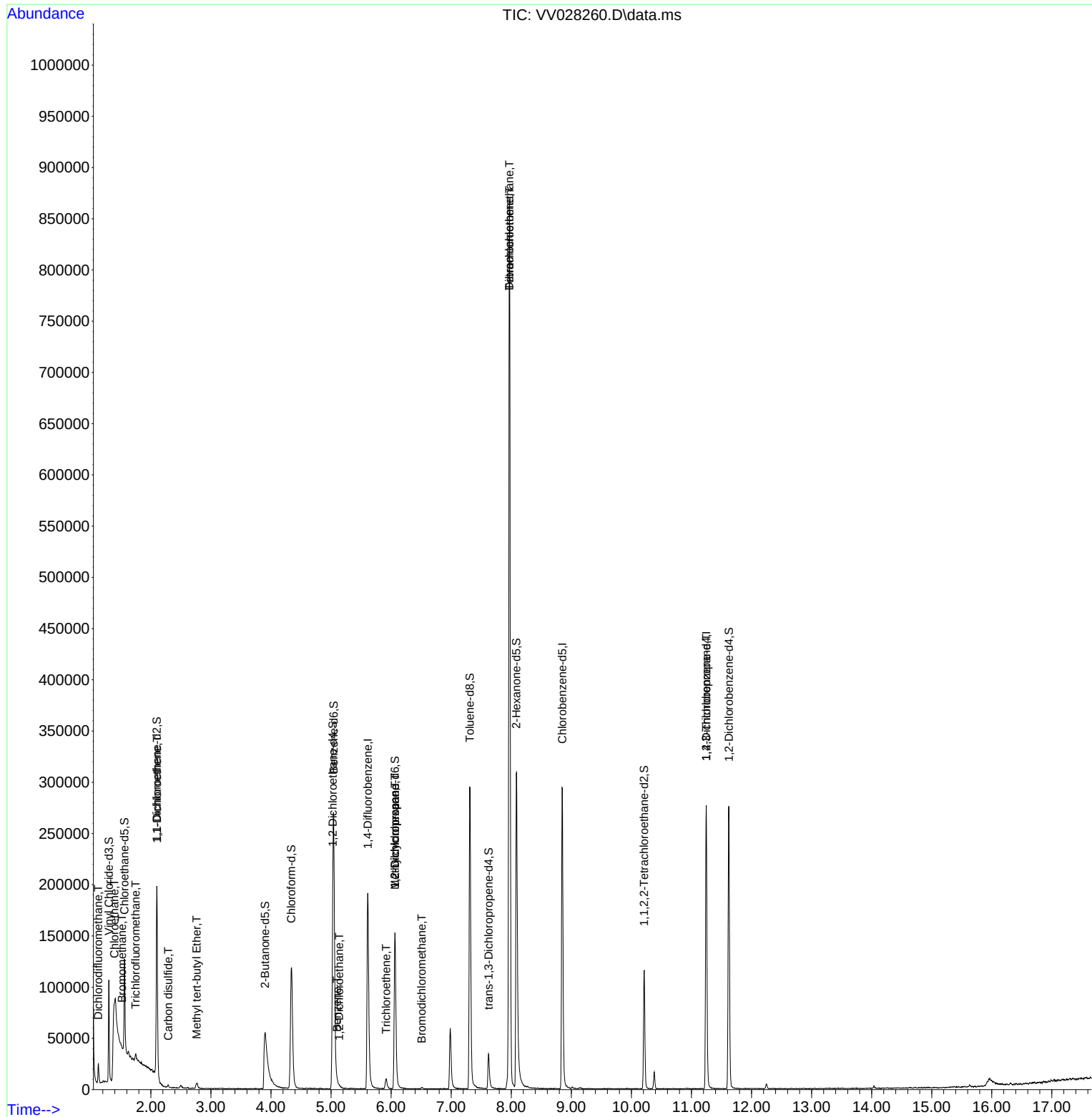
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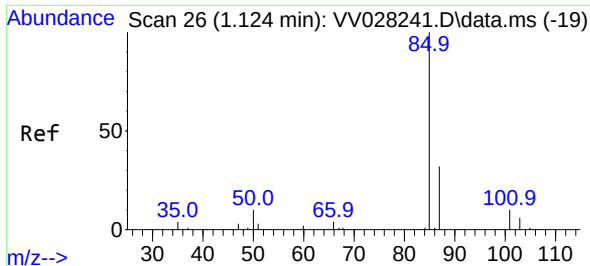
Instrument :
MSVOA_V
ClientSampleId :
F5H43

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Data File : VV028260.D
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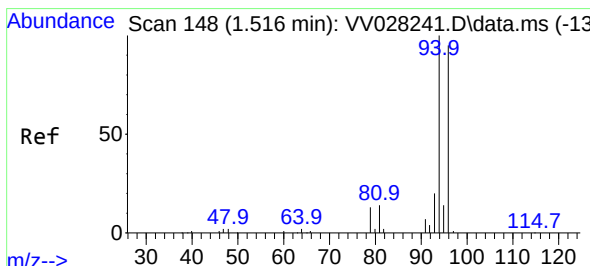
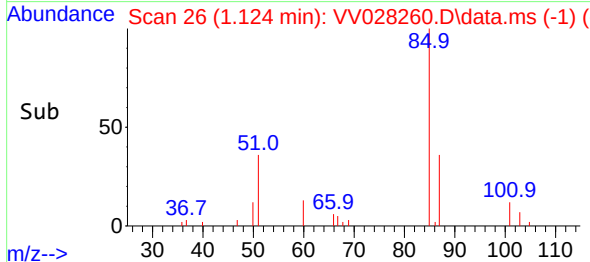
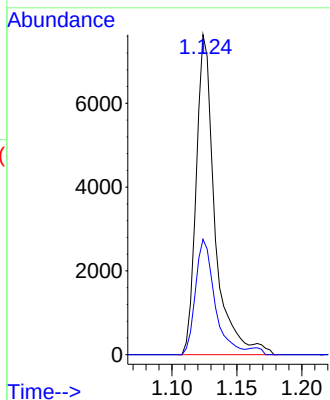
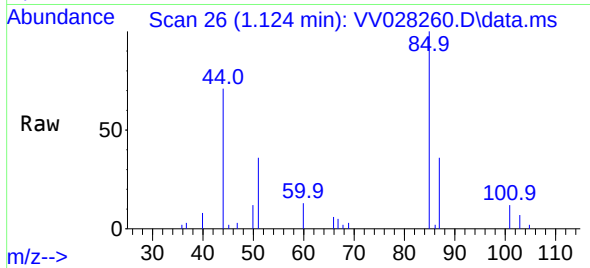




#2
 Dichlorodifluoromethane
 Concen: 0.584 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV028260.D
 Acq: 01 Oct 2022 05:33

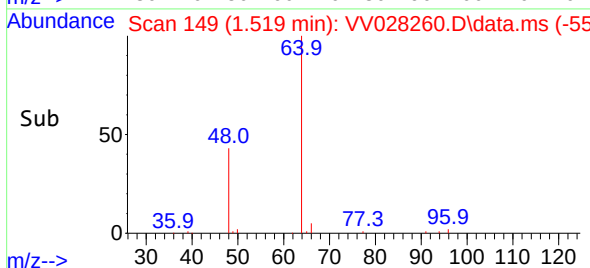
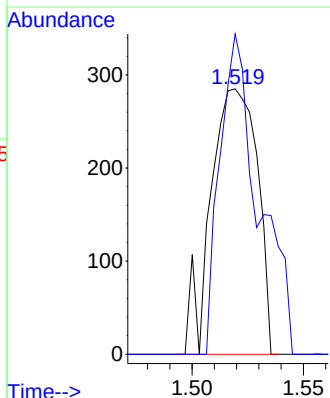
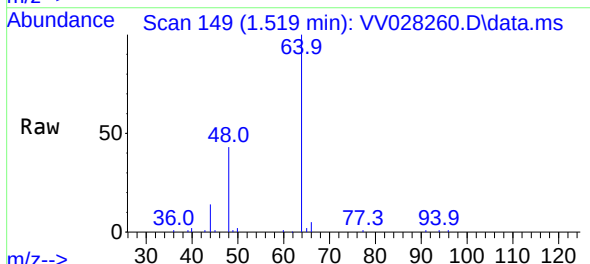
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 ClientSampleId :
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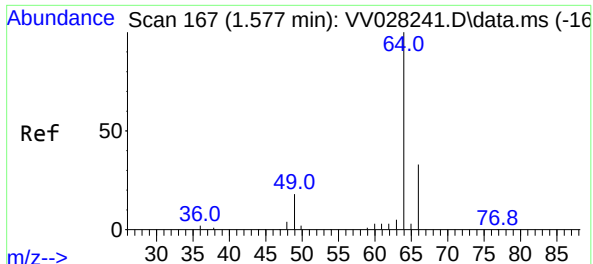
Tgt Ion: 85 Resp: 7665
 Ion Ratio Lower Upper
 85 100
 87 37.4 22.8 34.2#



#6
 Bromomethane
 Concen: 0.047 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.003 min
 Lab File: VV028260.D
 Acq: 01 Oct 2022 05:33

Tgt Ion: 94 Resp: 415
 Ion Ratio Lower Upper
 94 100
 96 120.7 66.7 123.9

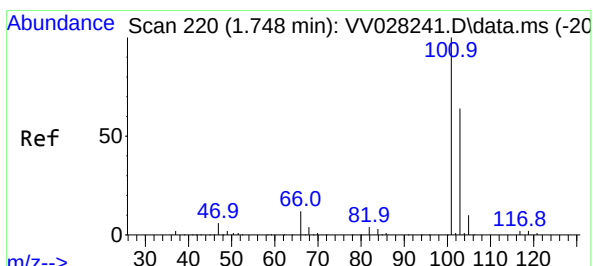
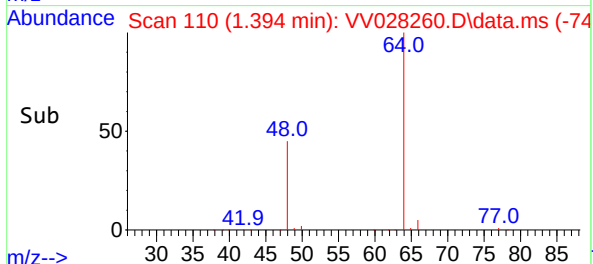
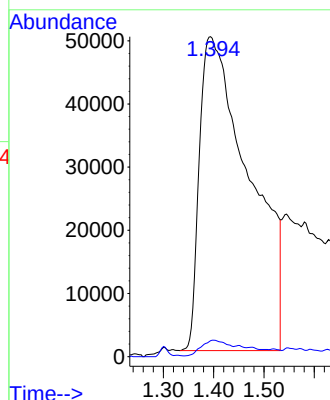
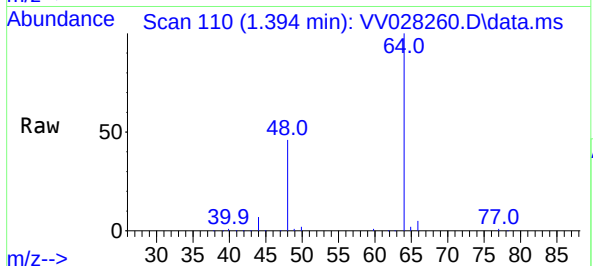




#8
Chloroethane
Concen: 37.505 ug/L
RT: 1.394 min Scan# 11
Delta R.T. -0.183 min
Lab File: VV028260.D
Acq: 01 Oct 2022 05:33

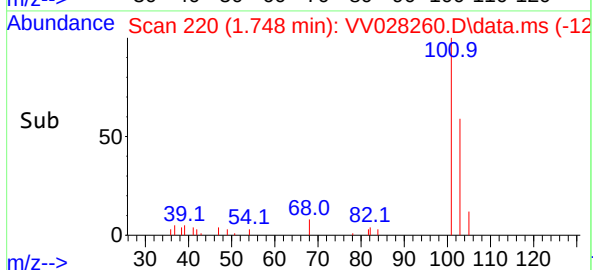
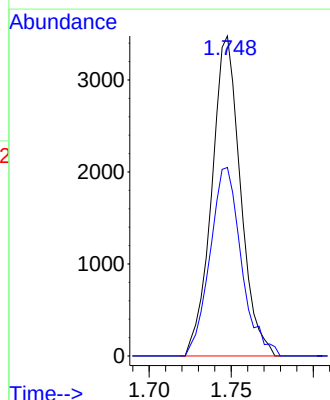
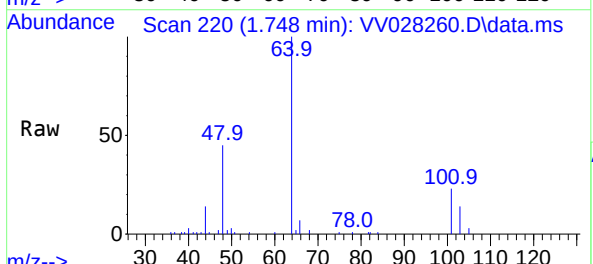
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ClientSampleId :
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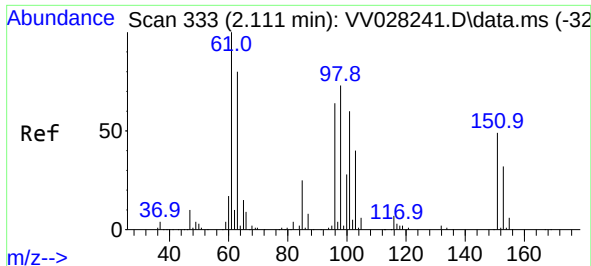
Tgt Ion: 64 Resp: 343018
Ion Ratio Lower Upper
64 100
66 5.0 23.0 42.8#



#9
Trichlorofluoromethane
Concen: 0.196 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.003 min
Lab File: VV028260.D
Acq: 01 Oct 2022 05:33

Tgt Ion:101 Resp: 4234
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.0

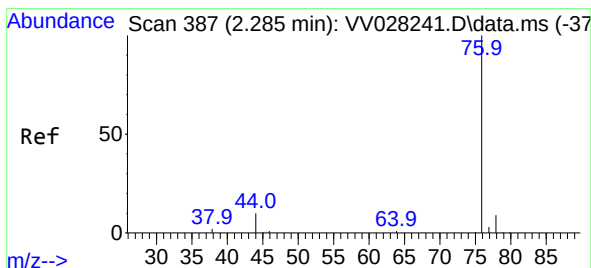
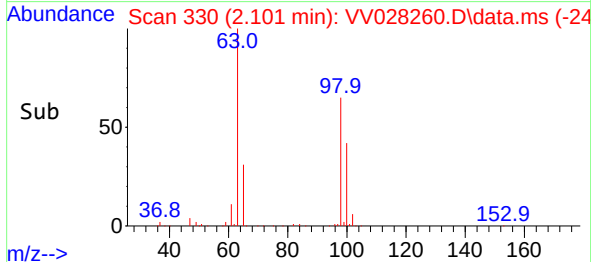
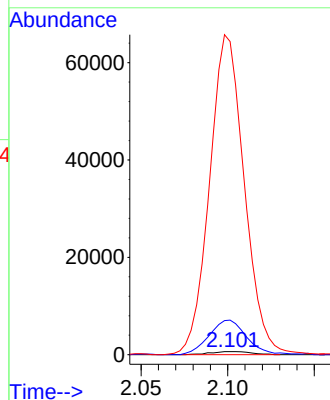
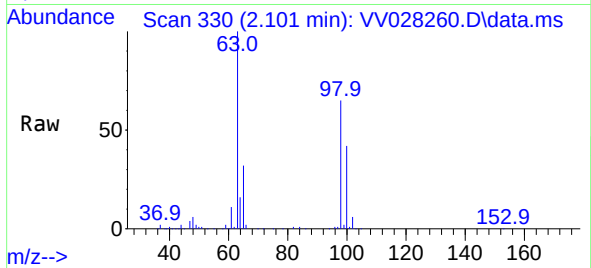




#12
1,1-Dichloroethene
Concen: 0.086 ug/L
RT: 2.101 min Scan# 311
Delta R.T. -0.010 min
Lab File: VV028260.D
Acq: 01 Oct 2022 05:33

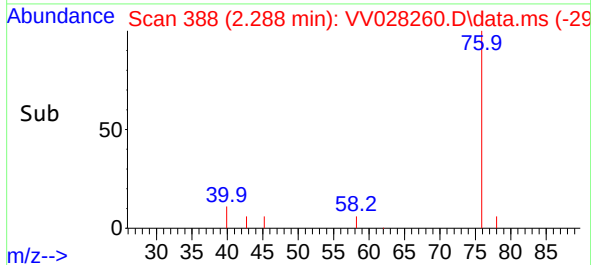
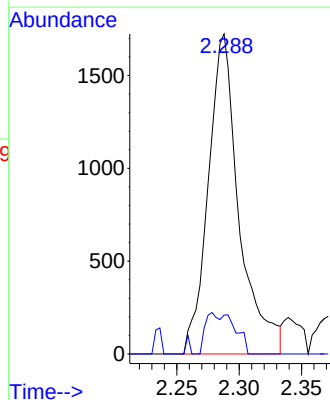
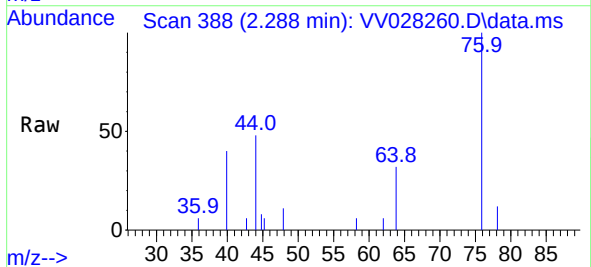
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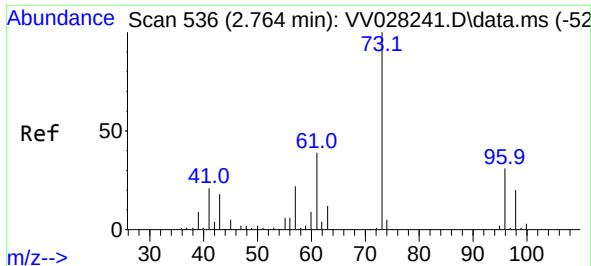
Tgt Ion: 96 Resp: 1047
Ion Ratio Lower Upper
96 100
61 1134.6 128.3 238.3#
63 10293.8 112.7 209.3#



#14
Carbon disulfide
Concen: 0.127 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.003 min
Lab File: VV028260.D
Acq: 01 Oct 2022 05:33

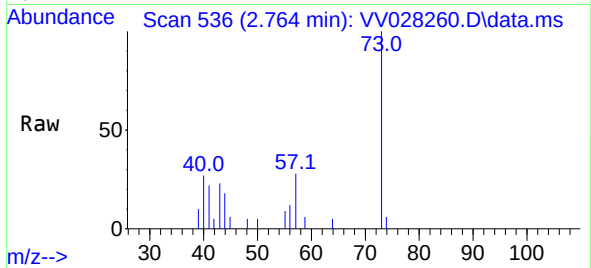
Tgt Ion: 76 Resp: 2965
Ion Ratio Lower Upper
76 100
78 12.1 7.6 11.4#



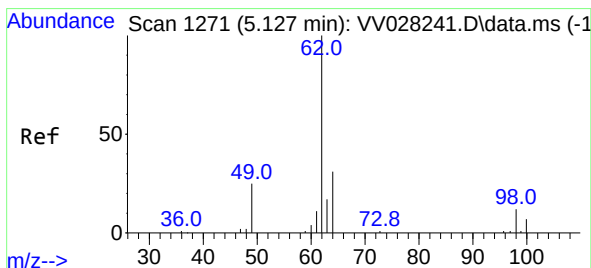
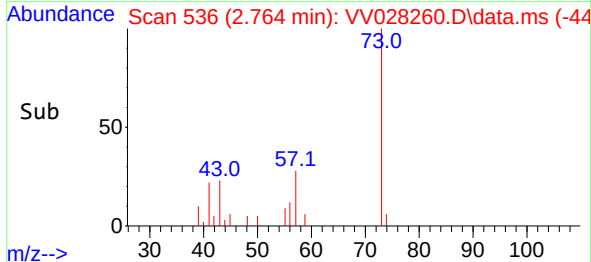
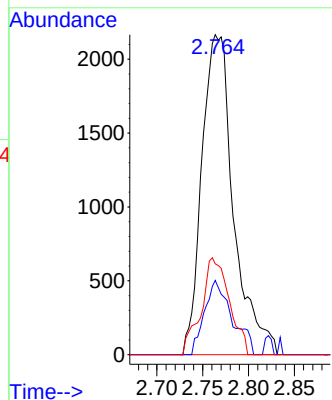


#17
Methyl tert-butyl Ether
Concen: 0.199 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV028260.D
Acq: 01 Oct 2022 05:33

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ClientSampleId :
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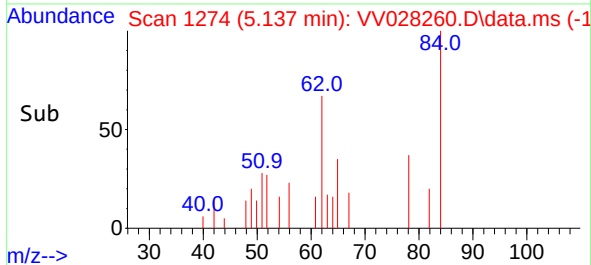
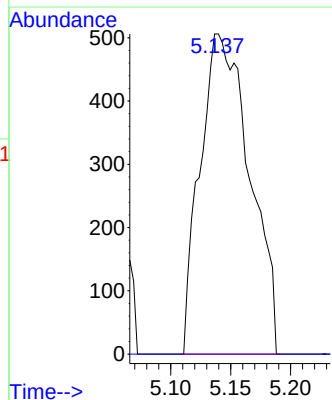
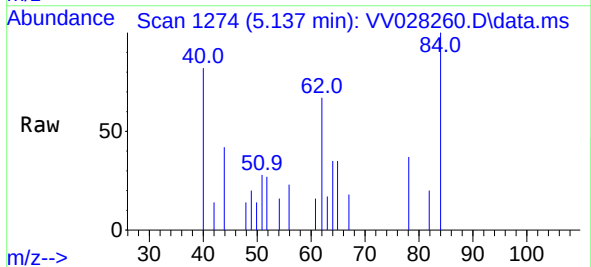


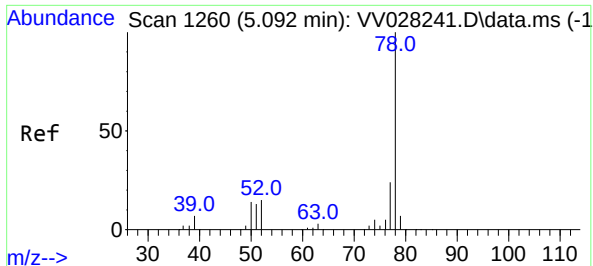
Tgt Ion: 73 Resp: 5210
Ion Ratio Lower Upper
73 100
43 20.1 15.7 23.5
57 26.8 17.8 26.8#



#27
1,2-Dichloroethane
Concen: 0.110 ug/L
RT: 5.137 min Scan# 1274
Delta R.T. 0.013 min
Lab File: VV028260.D
Acq: 01 Oct 2022 05:33

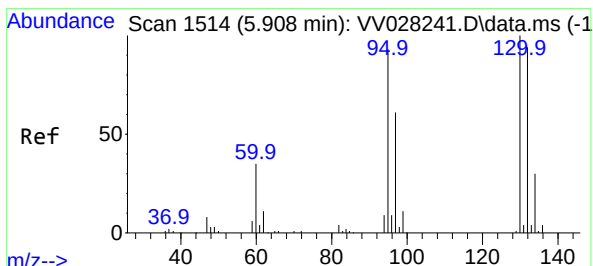
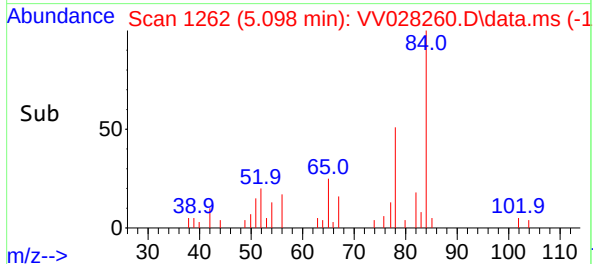
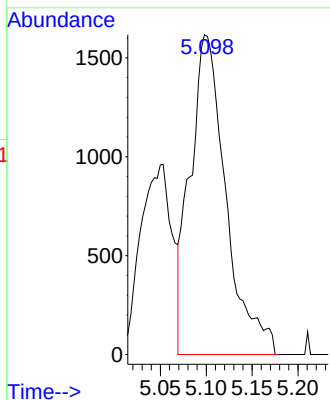
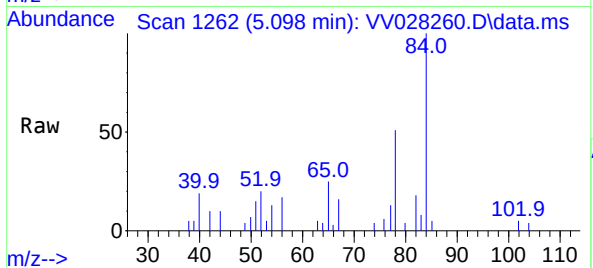
Tgt Ion: 62 Resp: 1456
Ion Ratio Lower Upper
62 100
98 0.0 6.7 10.1#





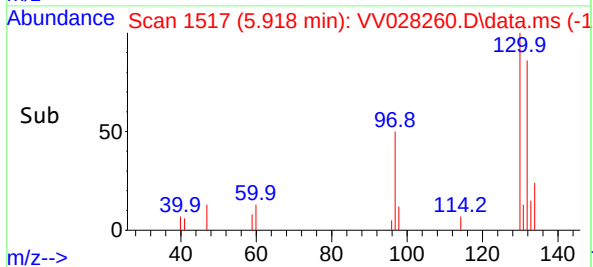
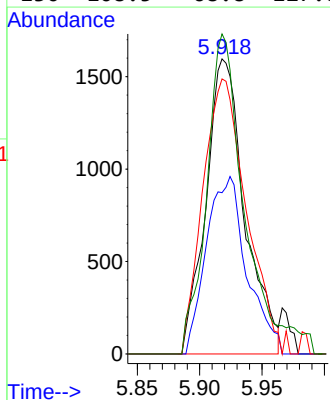
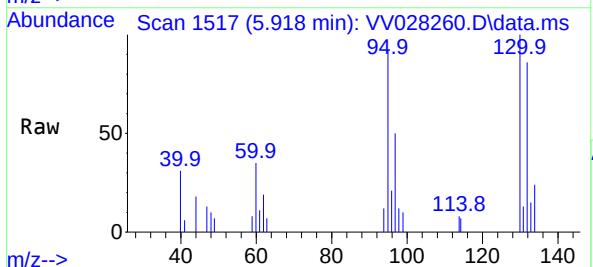
#33
Benzene
Concen: 0.088 ug/L
RT: 5.098 min Scan# 1517
Delta R.T. 0.010 min
Lab File: VV028260.D
Acq: 01 Oct 2022 05:33
Tgt Ion: 78 Resp: 4382

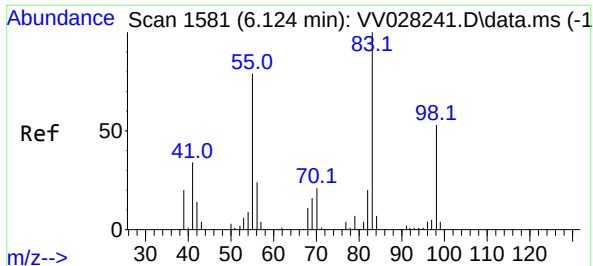
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#34
Trichloroethene
Concen: 0.281 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.013 min
Lab File: VV028260.D
Acq: 01 Oct 2022 05:33

Tgt Ion: 95 Resp: 3466
Ion Ratio Lower Upper
95 100
97 54.6 44.2 82.0
132 93.2 67.8 126.0
130 108.5 68.8 127.8





#35

Methylcyclohexane

Concen: 1.124 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.055 min

Lab File: VV028260.D

Acq: 01 Oct 2022 05:33

Instrument :

MSVOA_V

ClientSampleId :

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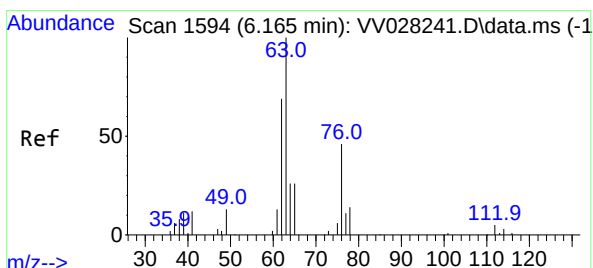
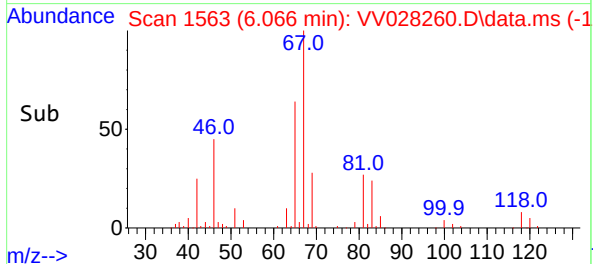
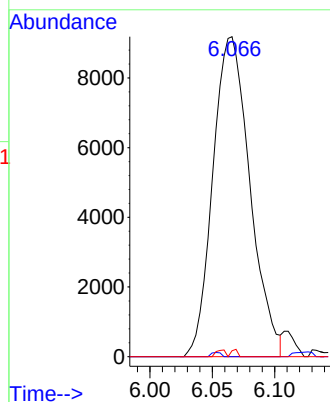
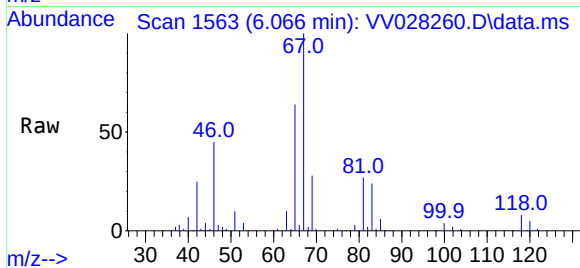
Tgt Ion: 83 Resp: 19023

Ion Ratio Lower Upper

83 100

55 0.7 64.7 97.1#

98 0.4 39.5 59.3#



#37

1,2-Dichloropropane

Concen: 0.571 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.103 min

Lab File: VV028260.D

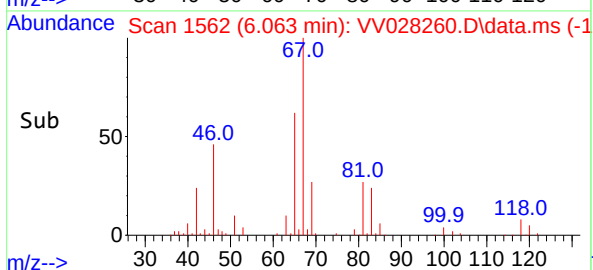
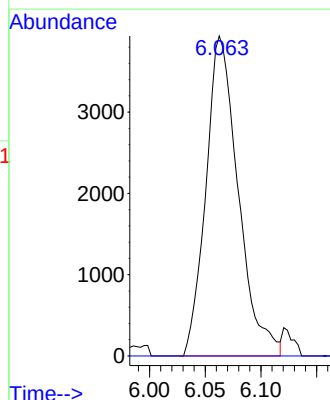
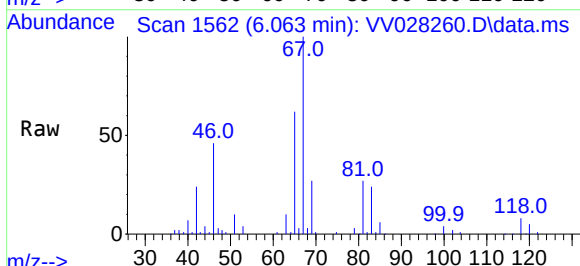
Acq: 01 Oct 2022 05:33

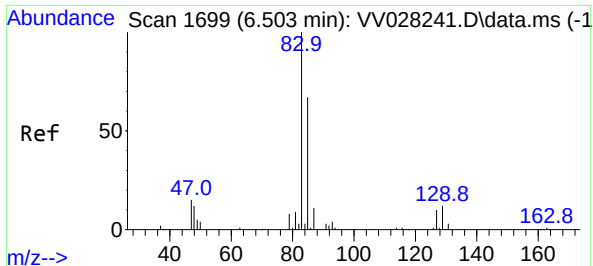
Tgt Ion: 63 Resp: 7942

Ion Ratio Lower Upper

63 100

112 0.3 3.5 5.3#

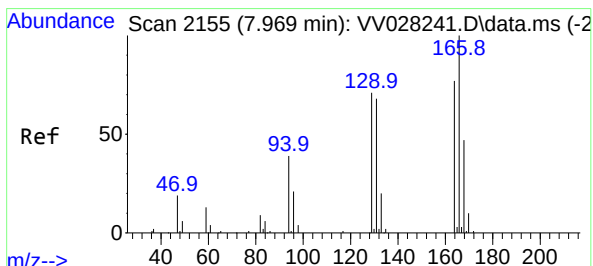
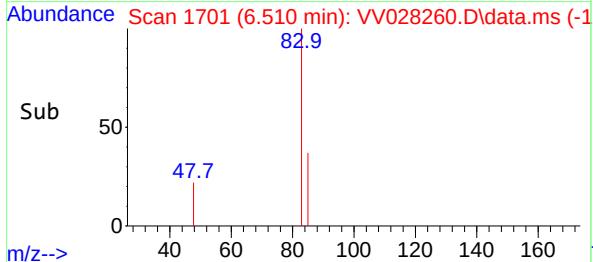
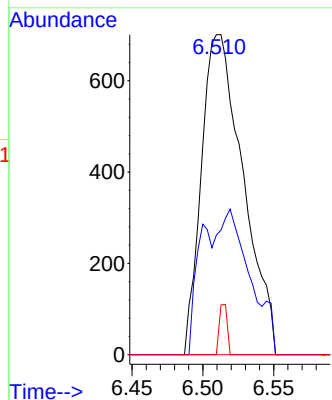
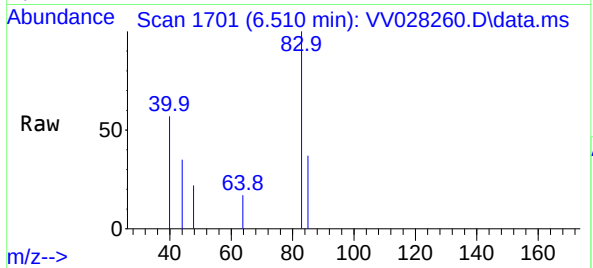




#38
Bromodichloromethane
Concen: 0.084 ug/L
RT: 6.510 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV028260.D
Acq: 01 Oct 2022 05:33

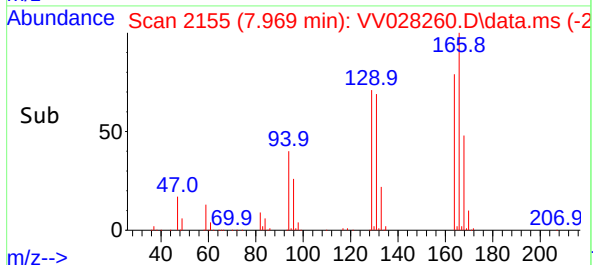
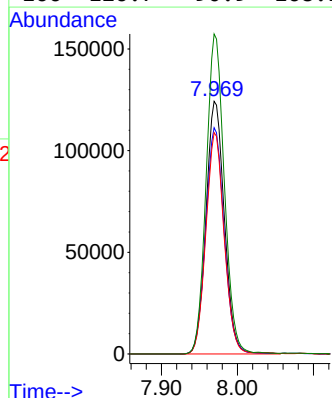
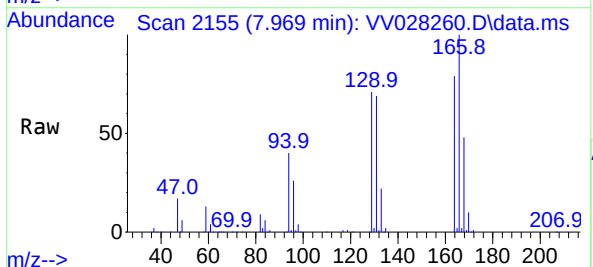
Instrument :
MSVOA_V
ClientSampleId :
F5H43

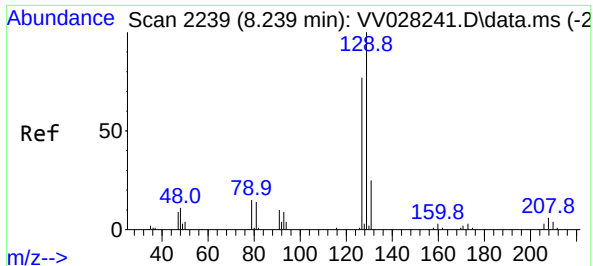
Tgt Ion: 83 Resp: 1436
Ion Ratio Lower Upper
83 100
85 37.4 43.8 81.4#
127 0.0 6.3 9.5#



#47
Tetrachloroethene
Concen: 21.195 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.000 min
Lab File: VV028260.D
Acq: 01 Oct 2022 05:33

Tgt Ion: 164 Resp: 208875
Ion Ratio Lower Upper
164 100
129 89.6 66.7 123.9
131 87.6 61.7 114.5
166 126.7 90.9 168.9





#49

Dibromochloromethane

Concen: 16.347 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.270 min

Lab File: VV028260.D

Acq: 01 Oct 2022 05:33

Instrument :

MSVOA_V

ClientSampleId :

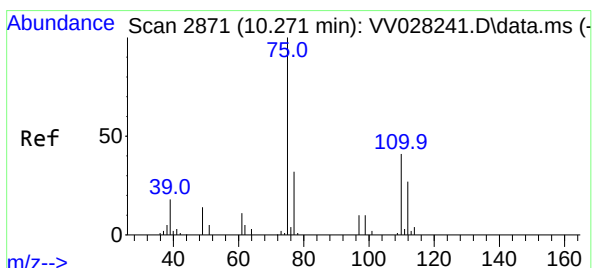
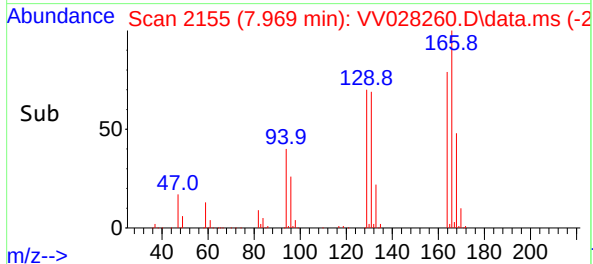
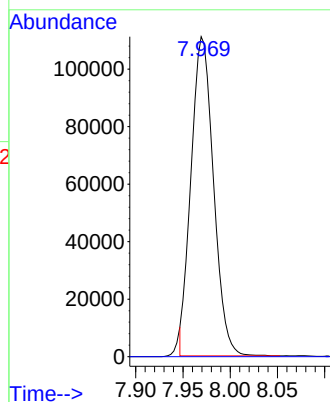
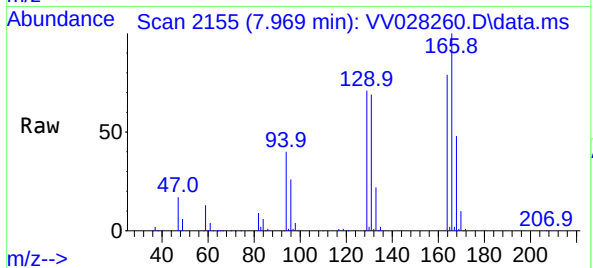
F5H43

Tgt Ion:129 Resp: 183194

Ion Ratio Lower Upper

129 100

127 0.0 54.3 100.9#



#61

1,2,3-Trichloropropane

Concen: 1.259 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.977 min

Lab File: VV028260.D

Acq: 01 Oct 2022 05:33

Tgt Ion: 75 Resp: 8416

Ion Ratio Lower Upper

75 100

77 32.5 26.7 40.1

110 3.1 30.1 45.1#

