

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111622\
 Data File : VW025063.D
 Acq On : 16 Nov 2022 17:15
 Operator : SY/VA
 Sample : N5658-03MSD
 Misc : 5.76g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ESQT3MSD

Quant Time: Nov 17 00:41:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 17 00:39:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	440678	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	408557	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	199417	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	108183	21.872	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.480%
7) Chloroethane-d5	2.885	69	81603	28.163	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.640%
11) 1,1-Dichloroethene-d2	4.025	63	250709	20.348	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.400%
21) 2-Butanone-d5	7.080	46	121626	72.857	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	145.720%#
24) Chloroform-d	7.647	84	315055	23.558	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.240%
26) 1,2-Dichloroethane-d4	8.305	65	174804	23.350	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	8.275	84	613602	23.432	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.720%
36) 1,2-Dichloropropane-d6	9.274	67	194339	25.328	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.320%
41) Toluene-d8	10.323	98	543013	22.273	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.080%
43) trans-1,3-Dichloroprop...	10.579	79	81642	23.996	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.000%
47) 2-Hexanone-d5	10.921	63	97808	73.793	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	147.580%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	194726	31.784	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	127.120%#
66) 1,2-Dichlorobenzene-d4	13.853	152	184639	24.093	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	35890	24.418	ug/L	90
3) Chloromethane	2.215	50	93606	26.478	ug/L	96
5) Vinyl chloride	2.361	62	138039	28.259	ug/L	92
6) Bromomethane	2.782	94	66705	27.364	ug/L	97
8) Chloroethane	2.922	64	63077	30.956	ug/L	98
9) Trichlorofluoromethane	3.257	101	76227	18.602	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	138762	23.913	ug/L	97
12) 1,1-Dichloroethene	4.044	96	130315	23.839	ug/L	86
13) Acetone	4.123	43	73268	61.781	ug/L	100
14) Carbon disulfide	4.385	76	346325	21.688	ug/L	98
15) Methyl Acetate	4.678	43	79286	33.580	ug/L	97
16) Methylene chloride	4.922	84	165453	21.146	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	138250	23.619	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	254711	25.941	ug/L	98
19) 1,1-Dichloroethane	6.220	63	272998	25.191	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	158752	24.883	ug/L	95
22) 2-Butanone	7.171	43	110388	62.127	ug/L	98
23) Bromochloromethane	7.513	128	72486	26.208	ug/L	95
25) Chloroform	7.677	83	277581	24.270	ug/L	95

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 Response via : Initial Calibration

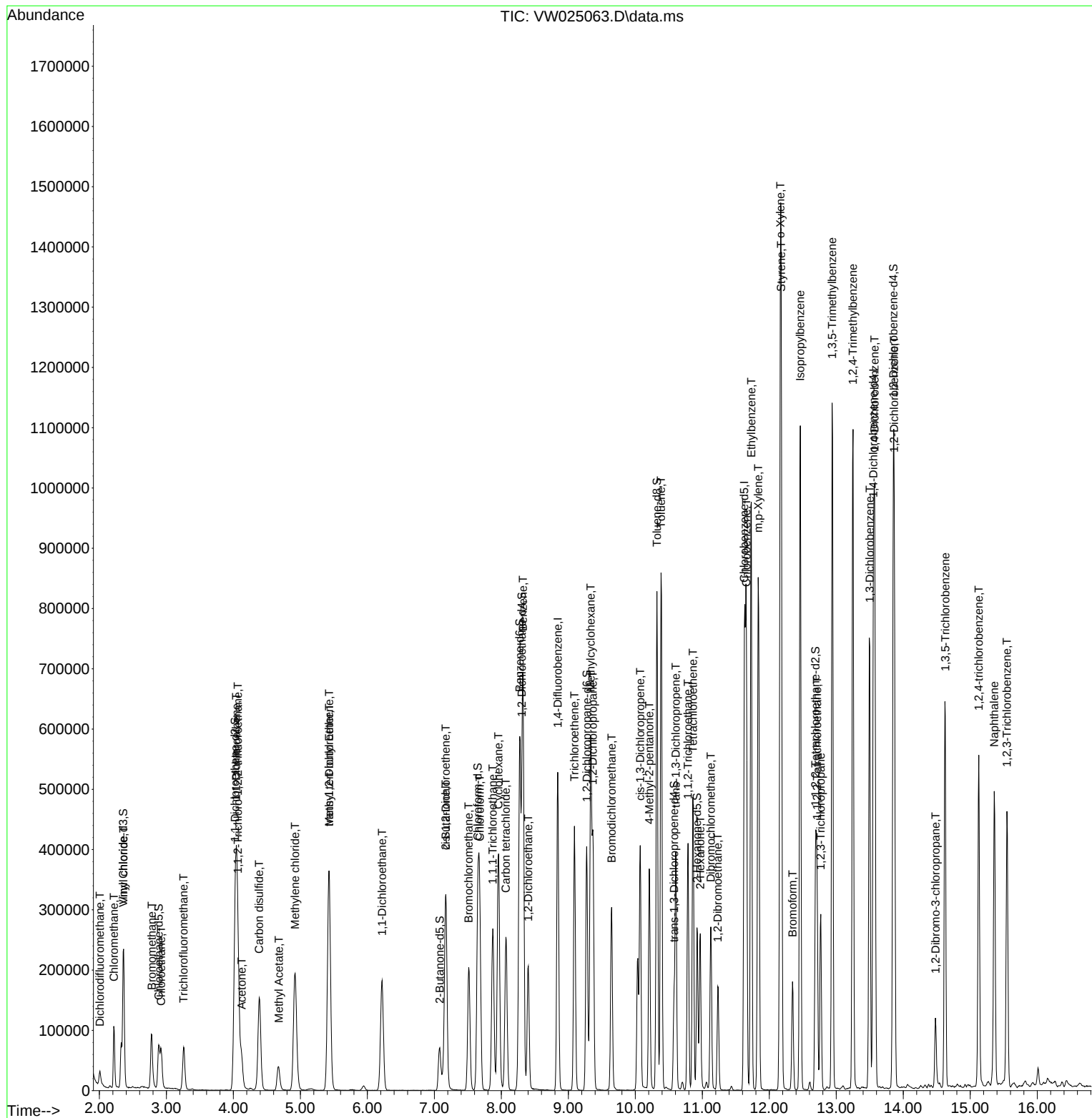
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	185642	23.929	ug/L	96
29) Cyclohexane	7.958	56	232523	24.103	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	221269	22.131	ug/L	98
31) Carbon tetrachloride	8.067	117	198401	22.207	ug/L	96
33) Benzene	8.323	78	602615	24.493	ug/L	100
34) Trichloroethene	9.092	95	152730	23.450	ug/L	97
35) Methylcyclohexane	9.335	83	242597	21.921	ug/L	99
37) 1,2-Dichloropropane	9.366	63	159268	26.672	ug/L	100
38) Bromodichloromethane	9.646	83	208247	24.987	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	249294	26.408	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	232914	66.467	ug/L	98
42) Toluene	10.384	91	629874	24.115	ug/L	93
44) trans-1,3-Dichloropropene	10.603	75	218062	25.983	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	127842	28.355	ug/L	99
46) Tetrachloroethene	10.860	164	104670	22.472	ug/L	89
48) 2-Hexanone	10.969	43	160919	66.401	ug/L	99
49) Dibromochloromethane	11.128	129	147018	26.751	ug/L	99
50) 1,2-Dibromoethane	11.231	107	120687	28.303	ug/L	99
51) Chlorobenzene	11.658	112	403675	23.843	ug/L	99
52) Ethylbenzene	11.731	91	718258	23.823	ug/L	98
53) m,p-Xylene	11.835	106	273246	23.413	ug/L	98
54) o-Xylene	12.164	106	269832	24.507	ug/L	100
55) Styrene	12.176	104	467961	24.470	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	168877	31.223	ug/L	98
59) Bromoform	12.347	173	79899	28.328	ug/L #	97
60) Isopropylbenzene	12.463	105	708763	23.640	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	123020	30.706	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	616177	23.676	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	614865	24.093	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	302820	24.217	ug/L	97
65) 1,4-Dichlorobenzene	13.572	146	298088	23.891	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	283832	25.245	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	29159	31.494	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	185808	22.435	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	157564	24.477	ug/L	97
71) Naphthalene	15.359	128	421075	31.008	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	147293	26.260	ug/L	100

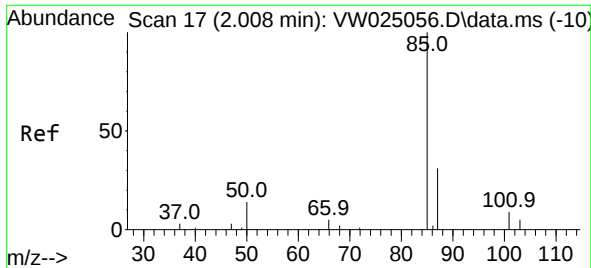
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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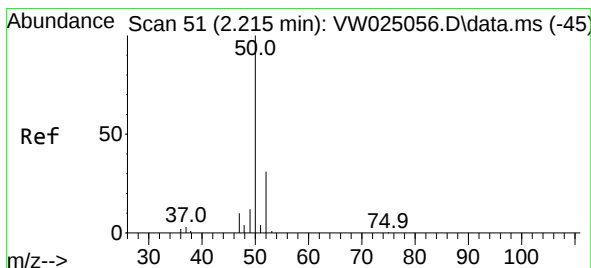
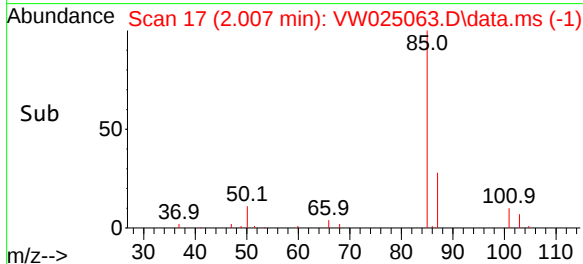
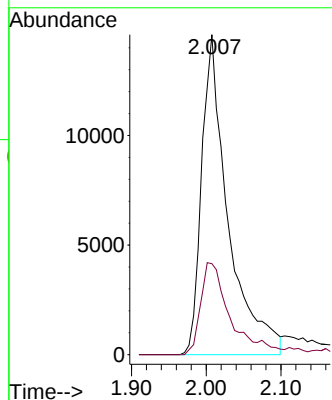
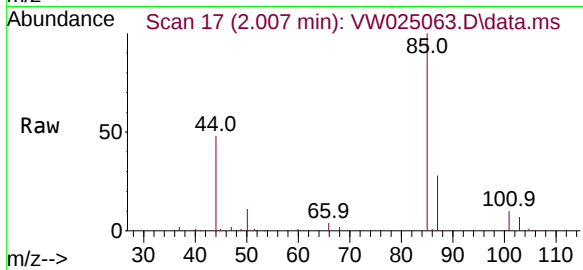




#2
 Dichlorodifluoromethane
 Concen: 24.418 ug/L
 RT: 2.007 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VW025063.D
 Acq: 16 Nov 2022 17:15

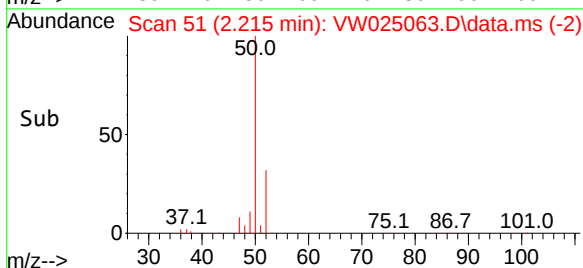
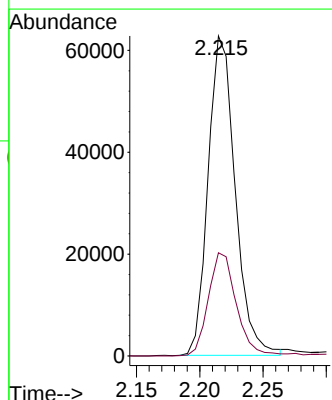
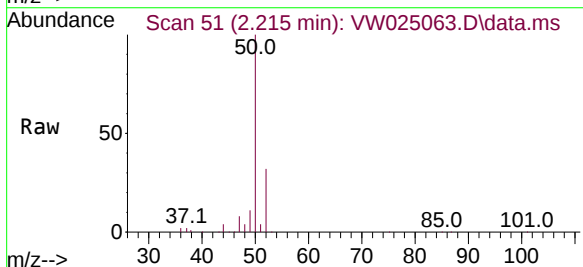
Instrument :
 MSVOA_W
 ClientSampleId :
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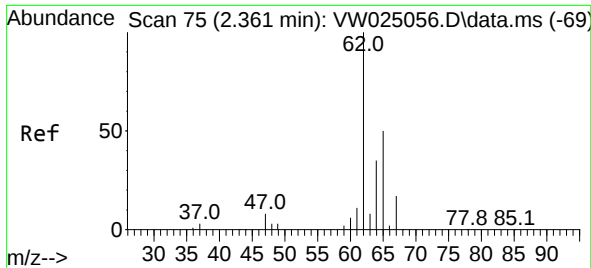
Tgt Ion: 85 Resp: 35890
 Ion Ratio Lower Upper
 85 100
 87 26.9 25.9 38.9



#3
 Chloromethane
 Concen: 26.478 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW025063.D
 Acq: 16 Nov 2022 17:15

Tgt Ion: 50 Resp: 93606
 Ion Ratio Lower Upper
 50 100
 52 32.2 24.1 44.8

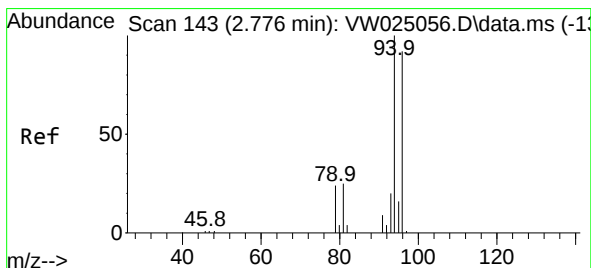
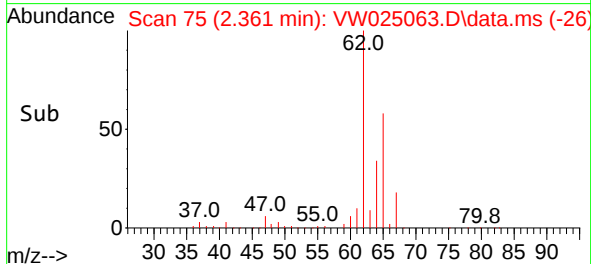
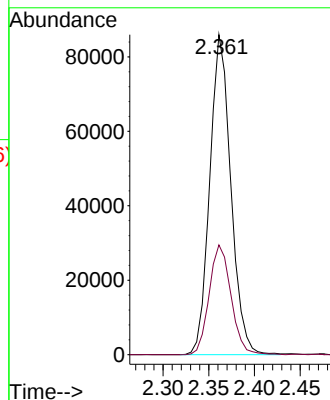
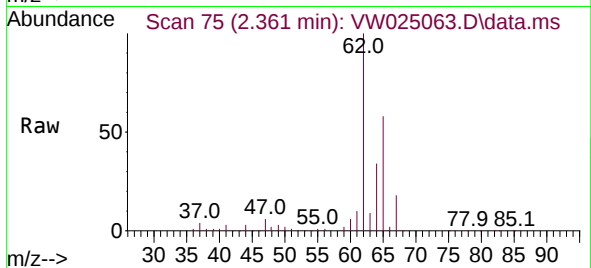




#5
 Vinyl chloride
 Concen: 28.259 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW025063.D
 Acq: 16 Nov 2022 17:15

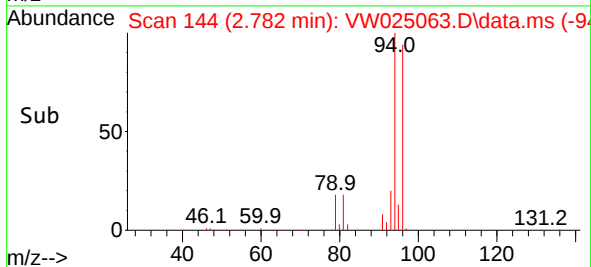
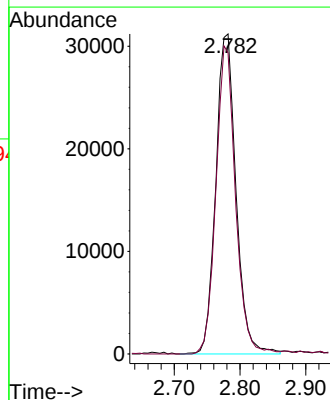
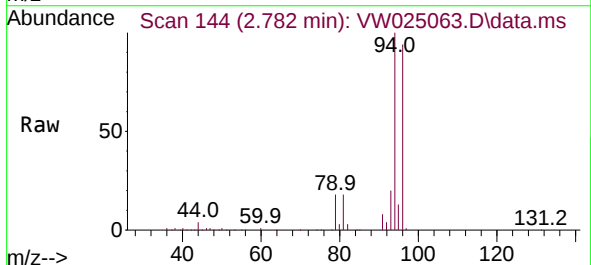
Instrument :
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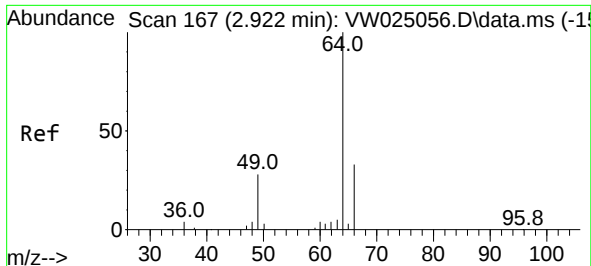
Tgt Ion: 62 Resp: 138039
 Ion Ratio Lower Upper
 62 100
 64 34.3 27.2 50.6



#6
 Bromomethane
 Concen: 27.364 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW025063.D
 Acq: 16 Nov 2022 17:15

Tgt Ion: 94 Resp: 66705
 Ion Ratio Lower Upper
 94 100
 96 94.1 63.8 118.6

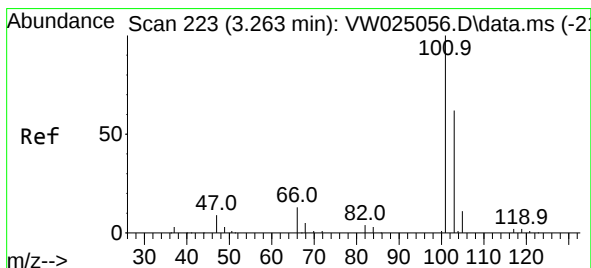
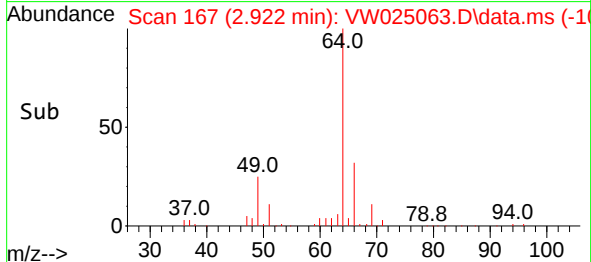
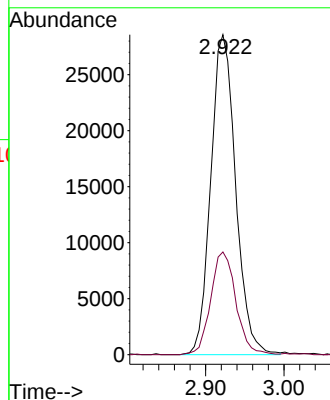
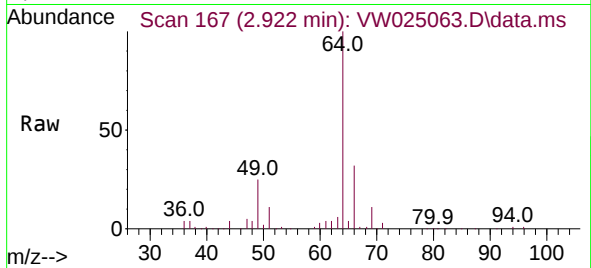




#8
Chloroethane
Concen: 30.956 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW025063.D
Acq: 16 Nov 2022 17:15

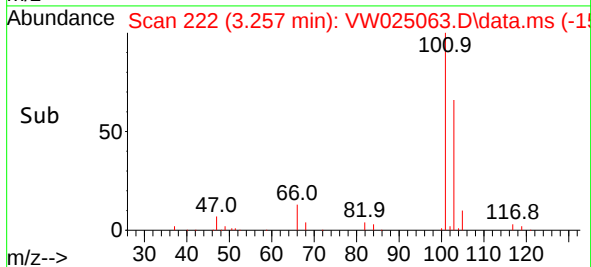
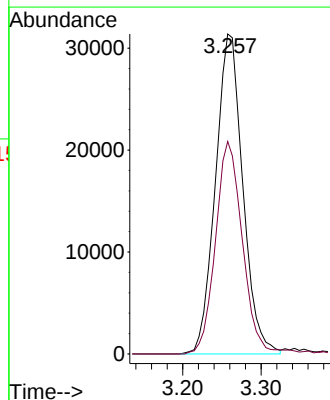
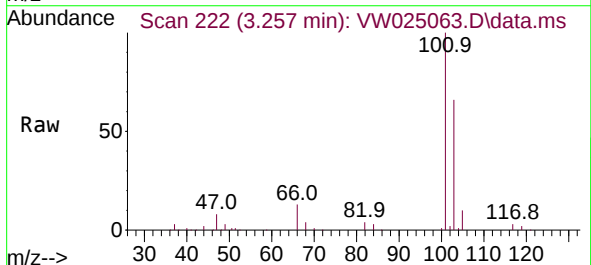
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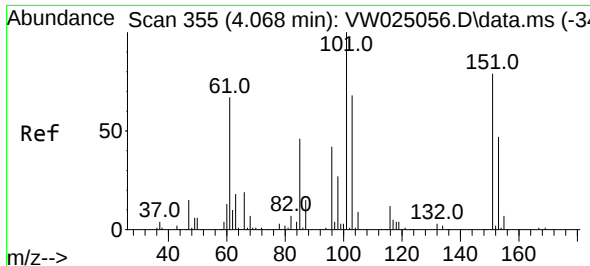
Tgt Ion: 64 Resp: 63077
Ion Ratio Lower Upper
64 100
66 32.1 21.6 40.2



#9
Trichlorofluoromethane
Concen: 18.602 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW025063.D
Acq: 16 Nov 2022 17:15

Tgt Ion:101 Resp: 76227
Ion Ratio Lower Upper
101 100
103 65.5 51.4 77.0

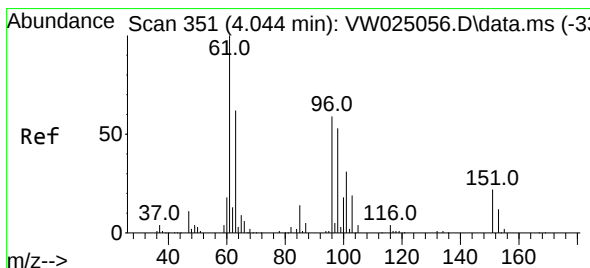
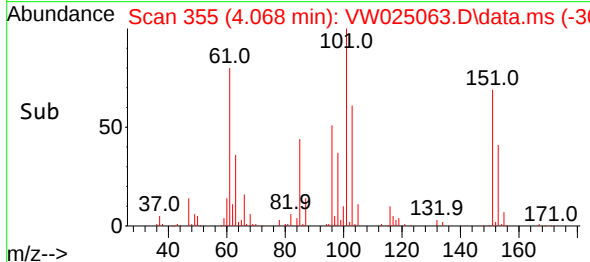
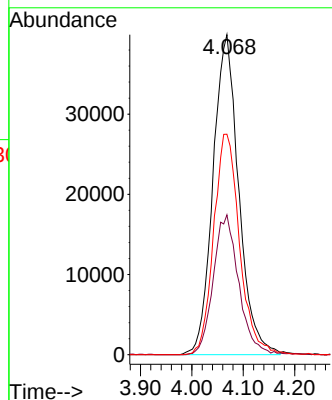
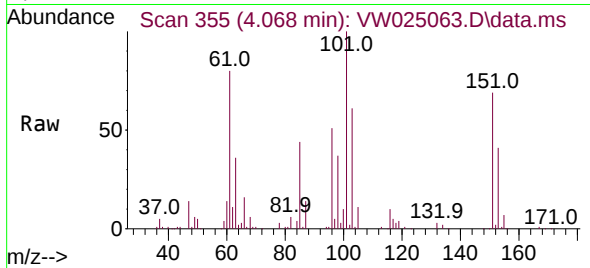




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.913 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. -0.000 min
 Lab File: VW025063.D
 Acq: 16 Nov 2022 17:15

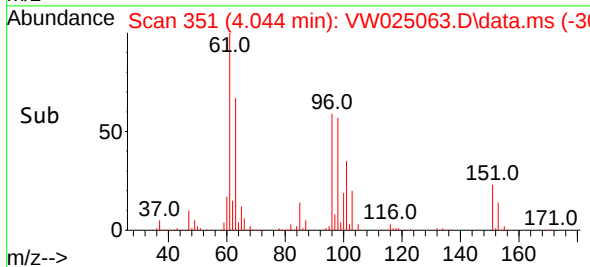
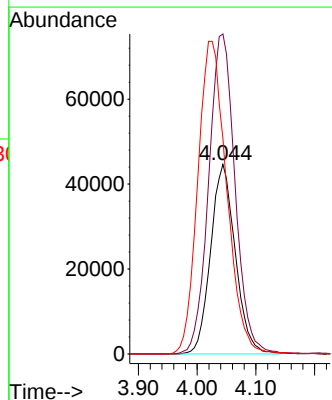
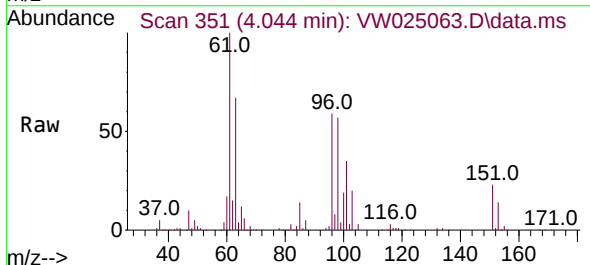
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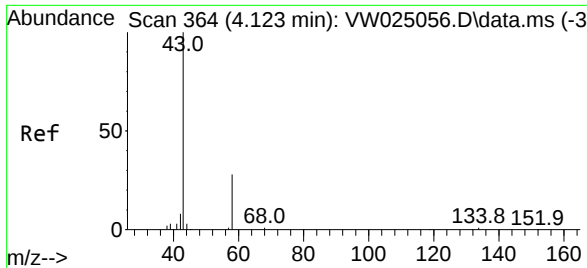
Tgt Ion:101 Resp: 138762
 Ion Ratio Lower Upper
 101 100
 85 42.9 36.5 54.7
 151 69.1 57.3 85.9



#12
 1,1-Dichloroethene
 Concen: 23.839 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW025063.D
 Acq: 16 Nov 2022 17:15

Tgt Ion: 96 Resp: 130315
 Ion Ratio Lower Upper
 96 100
 61 168.8 126.2 234.4
 63 113.7 98.3 182.7





#13

Acetone

Concen: 61.781 ug/L

RT: 4.123 min Scan# 364

Delta R.T. -0.000 min

Lab File: VW025063.D

Acq: 16 Nov 2022 17:15

Instrument :

MSVOA_W

ClientSampleId :

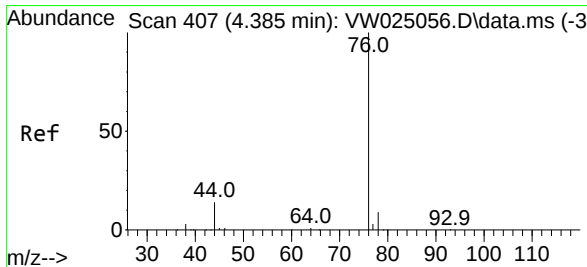
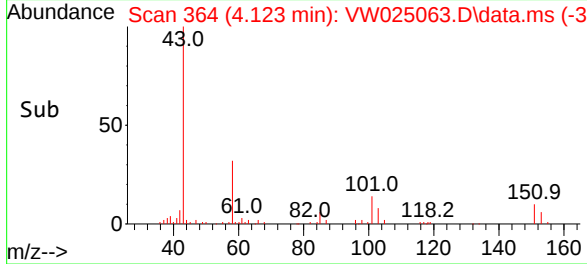
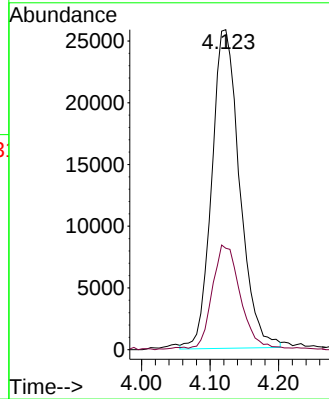
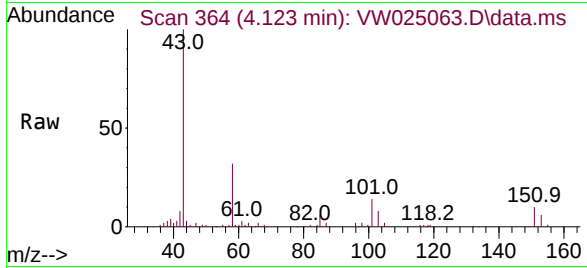
ESQT3MSD

Tgt Ion: 43 Resp: 73268

Ion Ratio Lower Upper

43 100

58 32.6 0.0 65.4



#14

Carbon disulfide

Concen: 21.688 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.000 min

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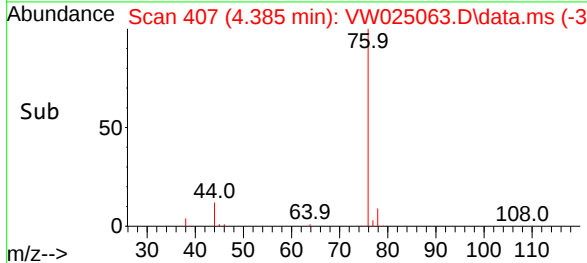
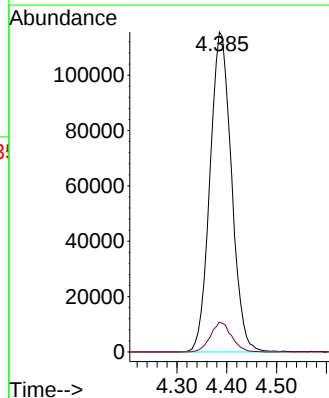
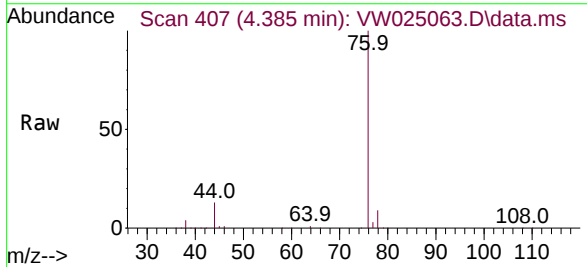
Acq: 16 Nov 2022 17:15

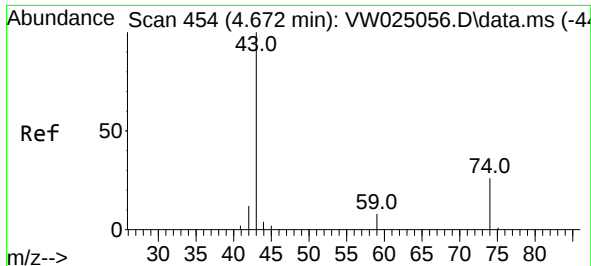
Tgt Ion: 76 Resp: 346325

Ion Ratio Lower Upper

76 100

78 9.3 6.8 10.2

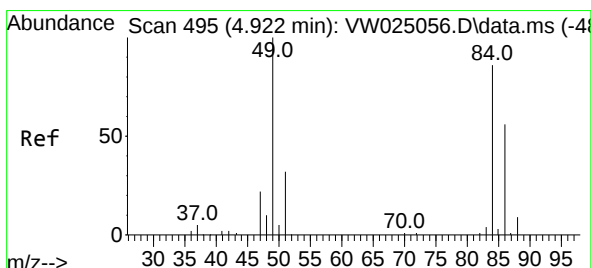
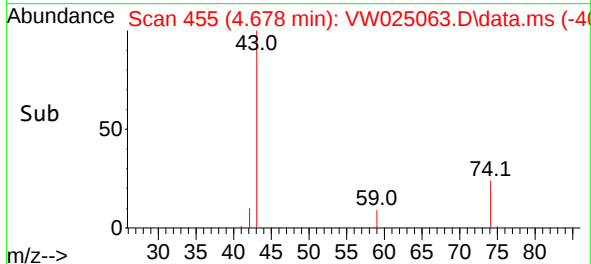
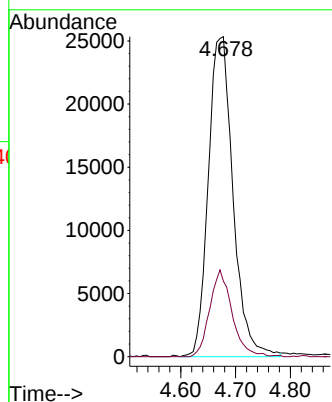
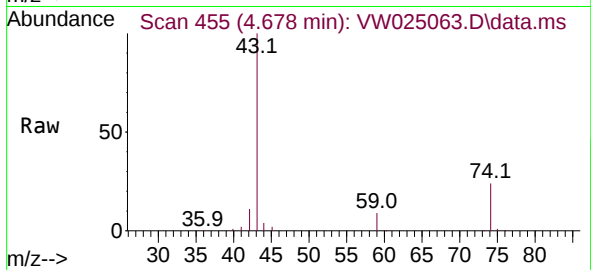




#15
Methyl Acetate
Concen: 33.580 ug/L
RT: 4.678 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW025063.D
Acq: 16 Nov 2022 17:15

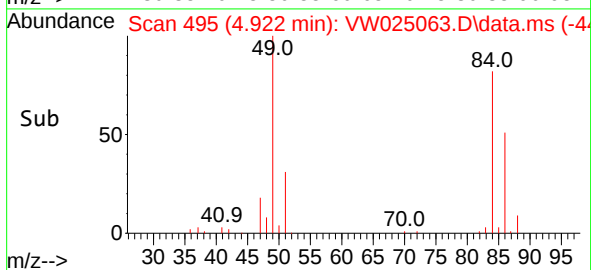
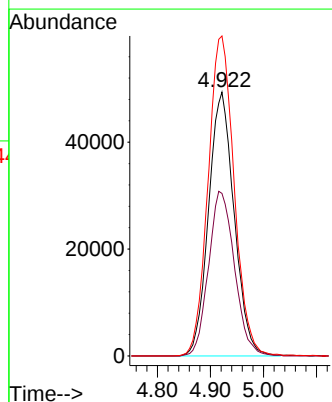
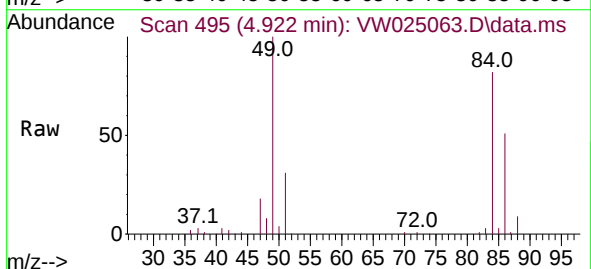
Instrument :
MSVOA_W
ClientSampleId :
ESQT3MSD

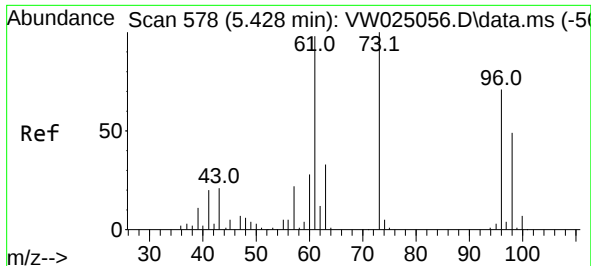
Tgt Ion: 43 Resp: 79286
Ion Ratio Lower Upper
43 100
74 24.2 20.6 30.8



#16
Methylene chloride
Concen: 21.146 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW025063.D
Acq: 16 Nov 2022 17:15

Tgt Ion: 84 Resp: 165453
Ion Ratio Lower Upper
84 100
86 61.6 42.6 79.0
49 121.3 81.9 152.1





#17

trans-1,2-Dichloroethene

Concen: 23.619 ug/L

RT: 5.428 min Scan# 578

Delta R.T. -0.000 min

Lab File: VW025063.D

Acq: 16 Nov 2022 17:15

Instrument :

MSVOA_W

ClientSampleId :

ESQT3MSD

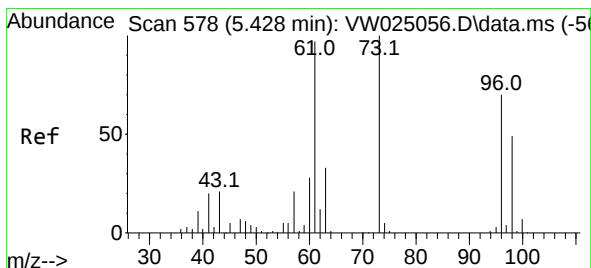
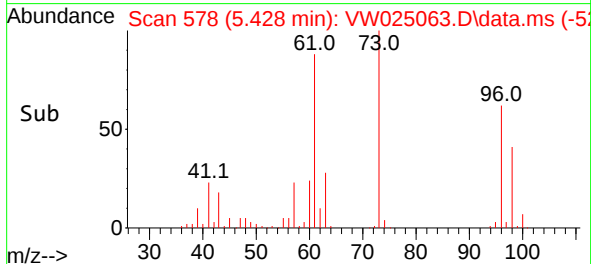
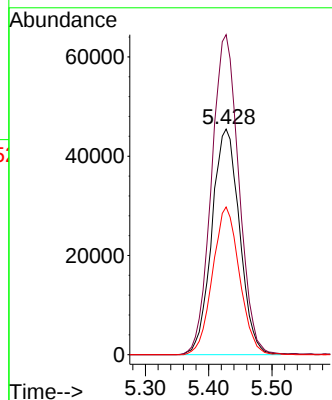
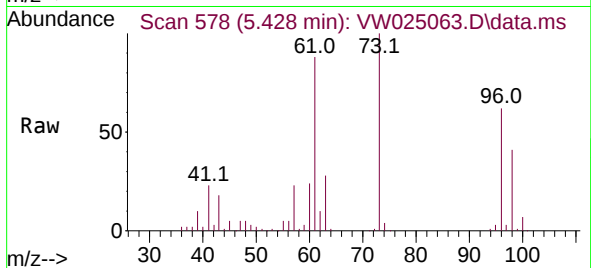
Tgt Ion: 96 Resp: 138250

Ion Ratio Lower Upper

96 100

61 141.9 97.6 181.2

98 65.5 46.8 86.8



#18

Methyl tert-butyl Ether

Concen: 25.941 ug/L

RT: 5.428 min Scan# 578

Delta R.T. -0.000 min

Lab File: VW025063.D

Acq: 16 Nov 2022 17:15

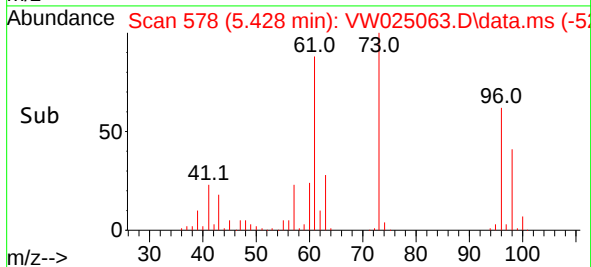
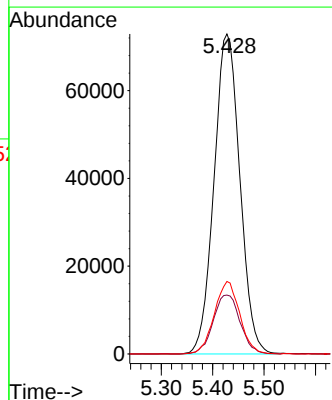
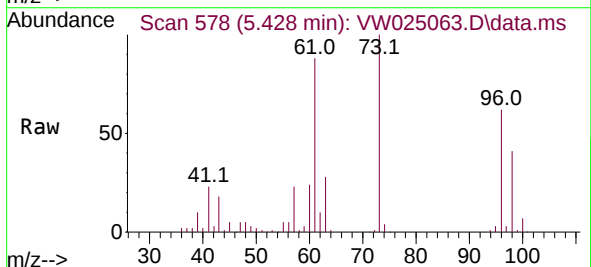
Tgt Ion: 73 Resp: 254711

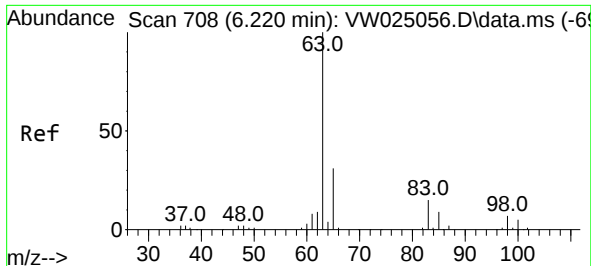
Ion Ratio Lower Upper

73 100

43 19.2 16.6 24.8

57 22.2 17.1 25.7

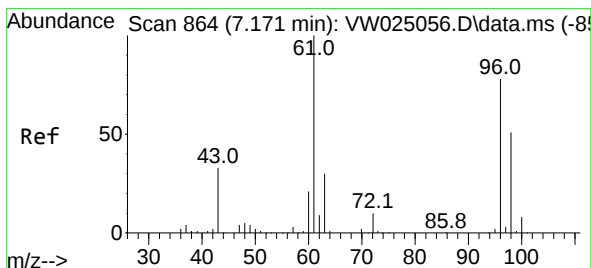
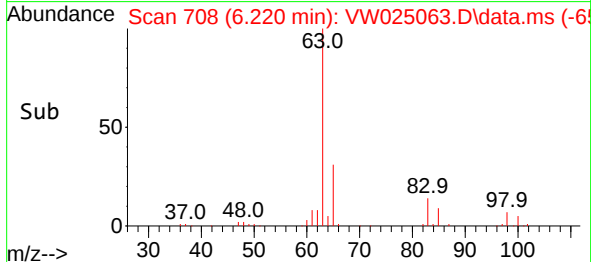
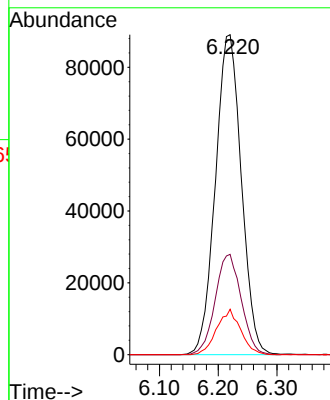
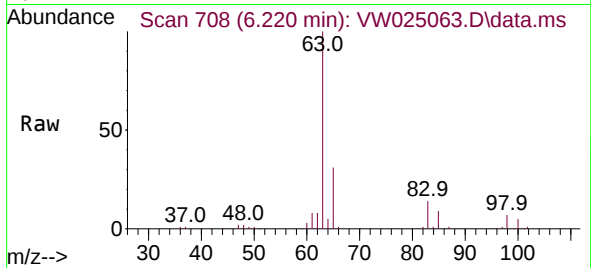




#19
1,1-Dichloroethane
Concen: 25.191 ug/L
RT: 6.220 min Scan# 708
Delta R.T. -0.000 min
Lab File: VW025063.D
Acq: 16 Nov 2022 17:15

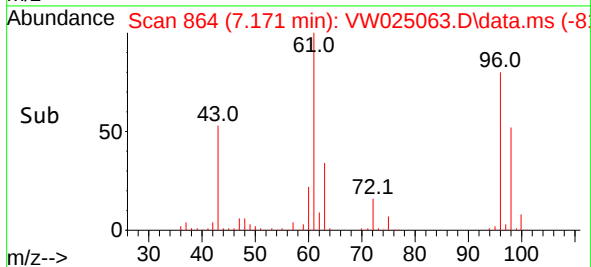
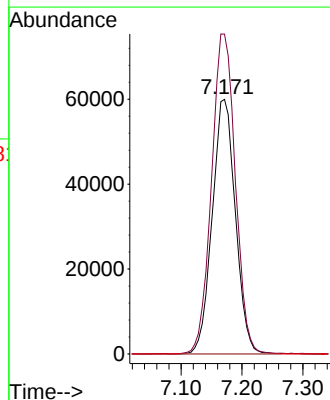
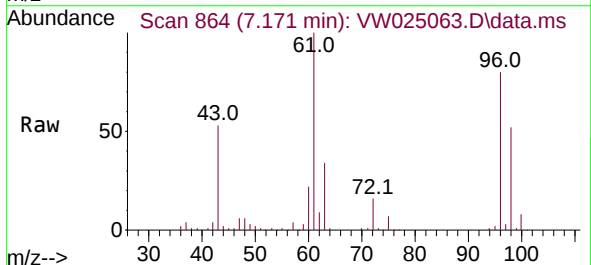
Instrument :
MSVOA_W
ClientSampleId :
ESQT3MSD

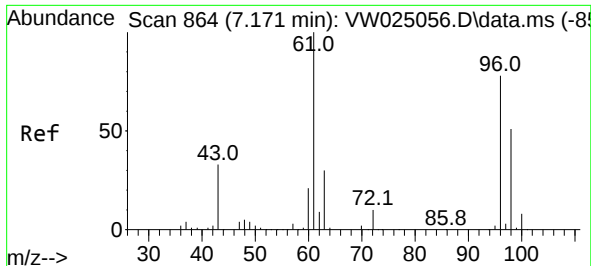
Tgt Ion: 63 Resp: 272998
Ion Ratio Lower Upper
63 100
65 31.4 22.2 41.2
83 14.2 9.7 17.9



#20
cis-1,2-Dichloroethene
Concen: 24.883 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW025063.D
Acq: 16 Nov 2022 17:15

Tgt Ion: 96 Resp: 158752
Ion Ratio Lower Upper
96 100
61 125.6 91.8 170.6
68 0.0 0.0 0.0





#22

2-Butanone

Concen: 62.127 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW025063.D

Acq: 16 Nov 2022 17:15

Instrument :

MSVOA_W

ClientSampleId :

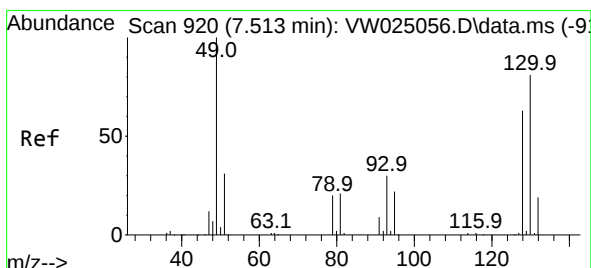
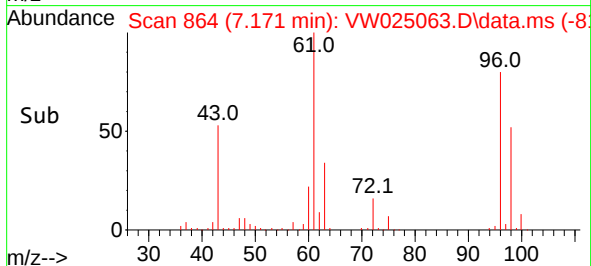
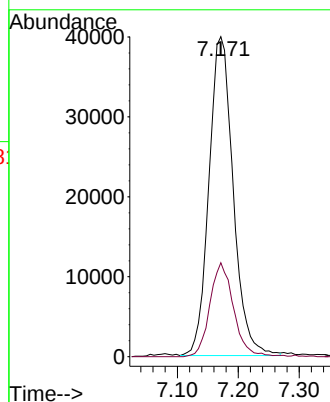
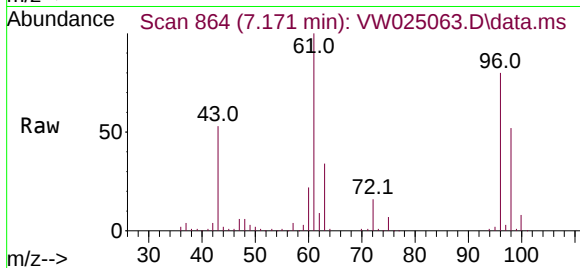
ESQT3MSD

Tgt Ion: 43 Resp: 110388

Ion Ratio Lower Upper

43 100

72 28.2 14.6 44.0



#23

Bromochloromethane

Concen: 26.208 ug/L

RT: 7.513 min Scan# 920

Delta R.T. -0.000 min

Lab File: VW025063.D

Acq: 16 Nov 2022 17:15

Tgt Ion: 128 Resp: 72486

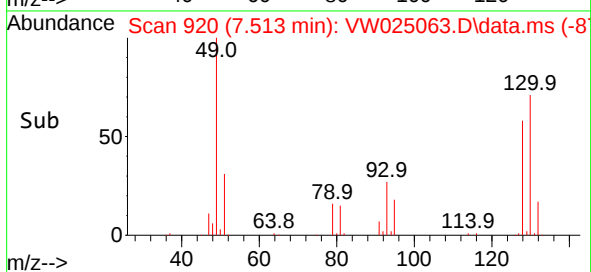
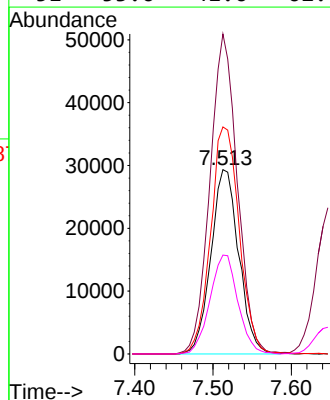
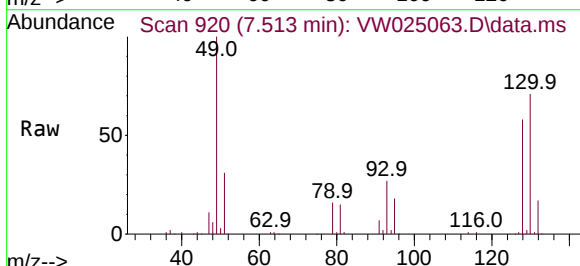
Ion Ratio Lower Upper

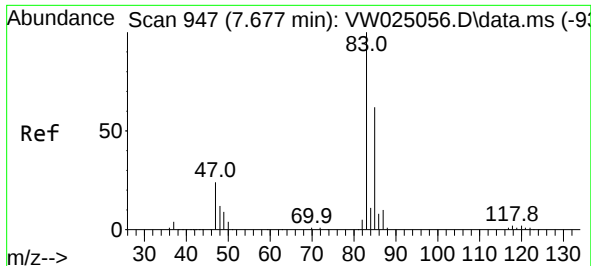
128 100

49 173.5 112.8 209.4

130 123.1 86.2 160.2

51 53.6 41.6 62.4

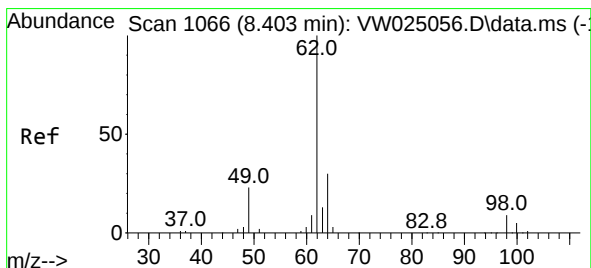
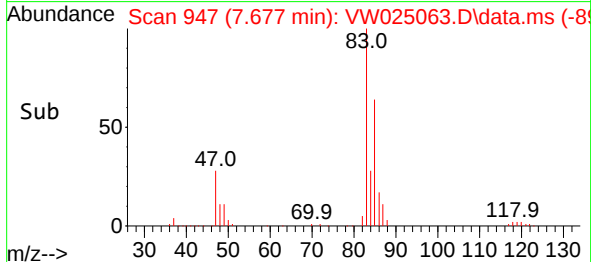
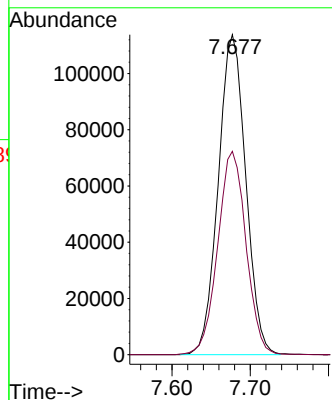
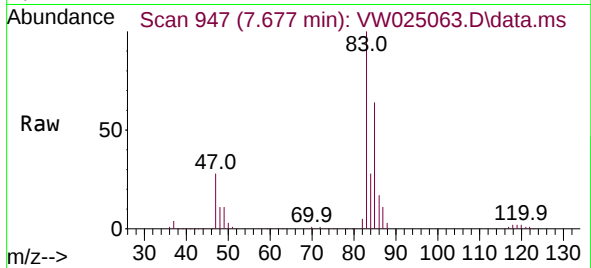




#25
Chloroform
Concen: 24.270 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW025063.D
Acq: 16 Nov 2022 17:15

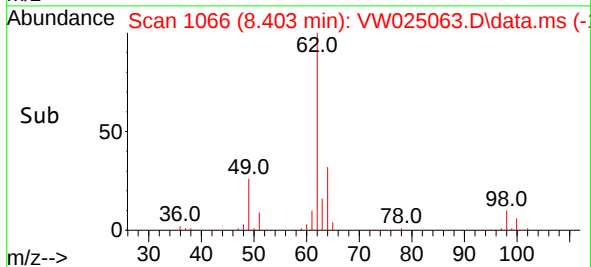
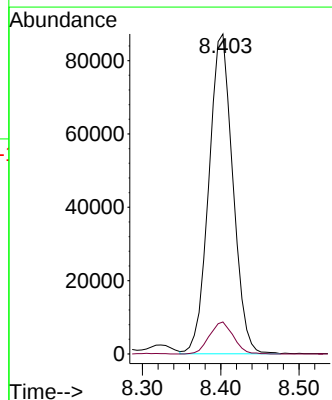
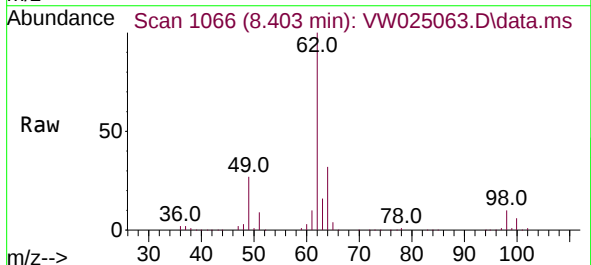
Instrument :
MSVOA_W
ClientSampleId :
ESQT3MSD

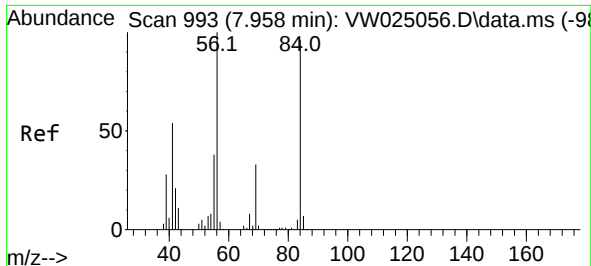
Tgt Ion: 83 Resp: 277581
Ion Ratio Lower Upper
83 100
85 63.5 47.5 88.3



#27
1,2-Dichloroethane
Concen: 23.929 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW025063.D
Acq: 16 Nov 2022 17:15

Tgt Ion: 62 Resp: 185642
Ion Ratio Lower Upper
62 100
98 10.0 7.0 10.4





#29

Cyclohexane

Concen: 24.103 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW025063.D

Acq: 16 Nov 2022 17:15

Instrument :

MSVOA_W

ClientSampleId :

ESQT3MSD

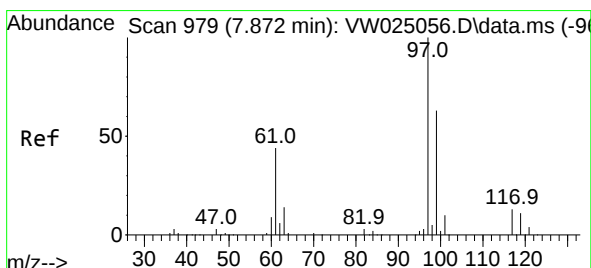
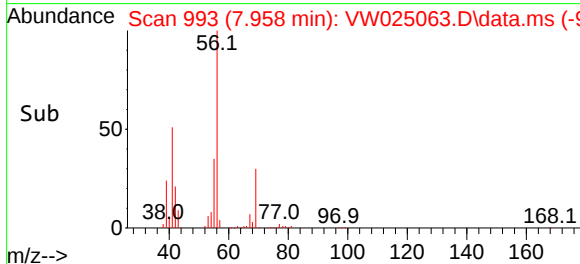
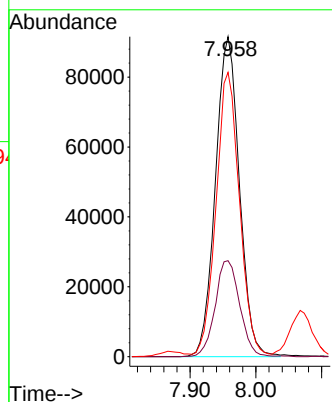
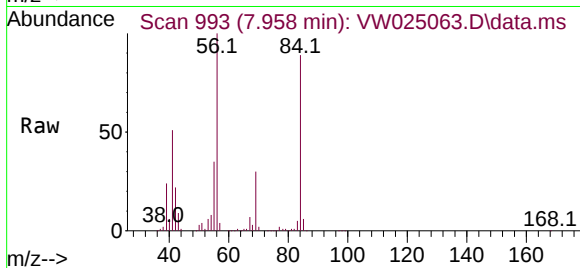
Tgt Ion: 56 Resp: 232523

Ion Ratio Lower Upper

56 100

69 30.7 25.0 37.4

84 87.1 72.6 108.8



#30

1,1,1-Trichloroethane

Concen: 22.131 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW025063.D

Acq: 16 Nov 2022 17:15

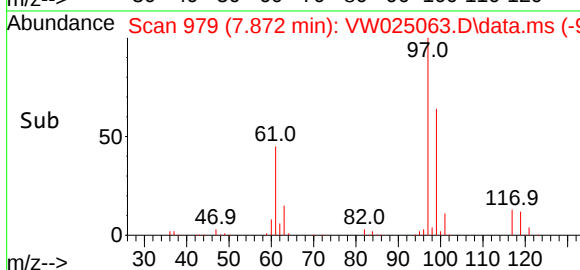
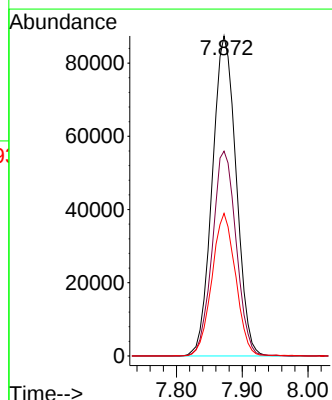
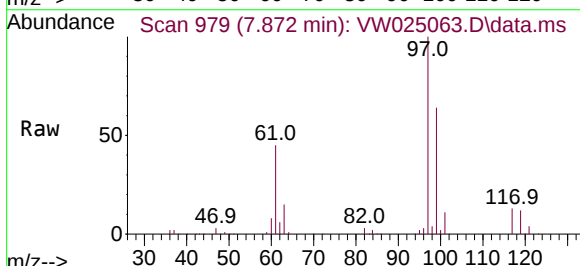
Tgt Ion: 97 Resp: 221269

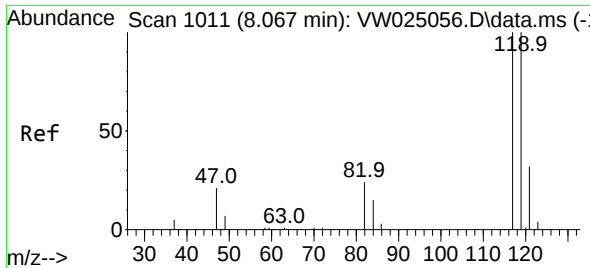
Ion Ratio Lower Upper

97 100

99 63.8 51.8 77.8

61 44.1 36.6 54.8

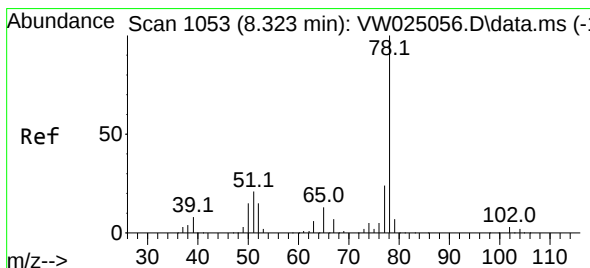
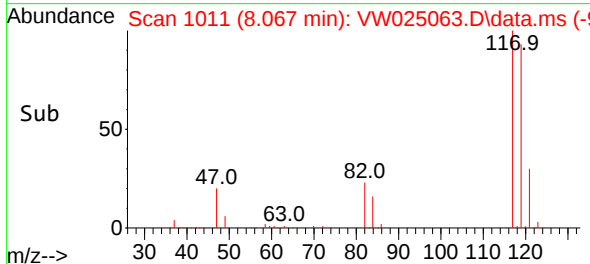
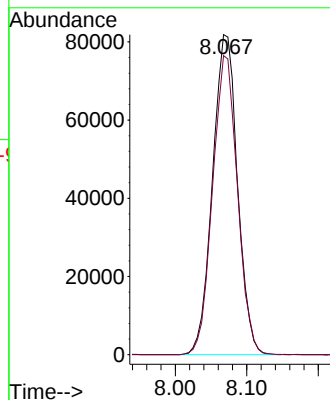
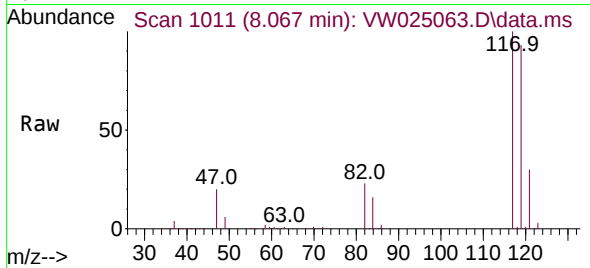




#31
Carbon tetrachloride
Concen: 22.207 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW025063.D
Acq: 16 Nov 2022 17:15

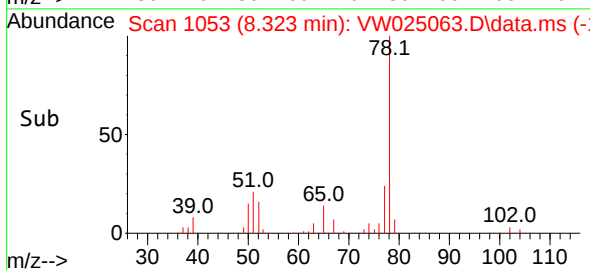
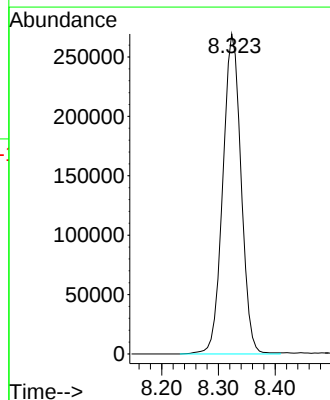
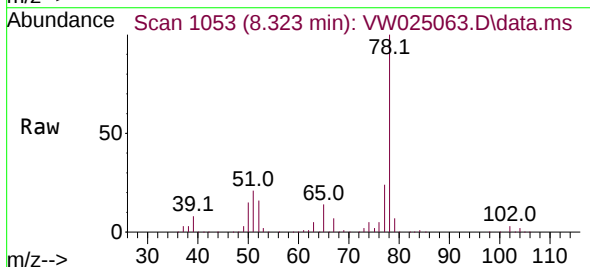
Instrument :
MSVOA_W
ClientSampleId :
ESQT3MSD

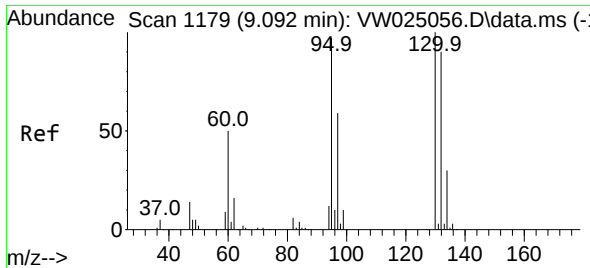
Tgt Ion:117 Resp: 198401
Ion Ratio Lower Upper
117 100
119 93.1 77.7 116.5



#33
Benzene
Concen: 24.493 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW025063.D
Acq: 16 Nov 2022 17:15

Tgt Ion: 78 Resp: 602615

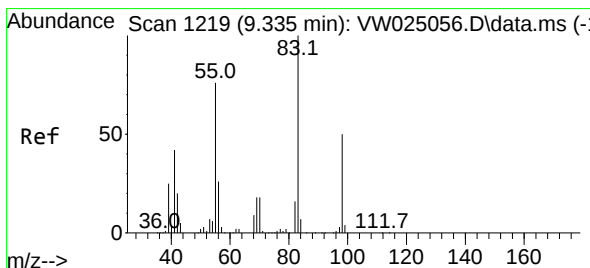
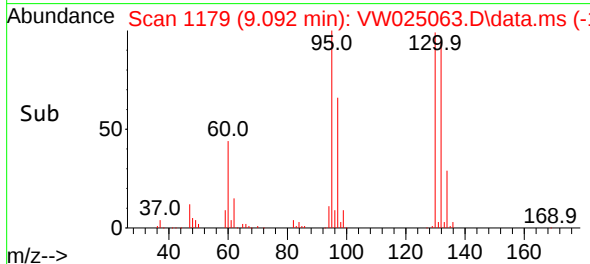
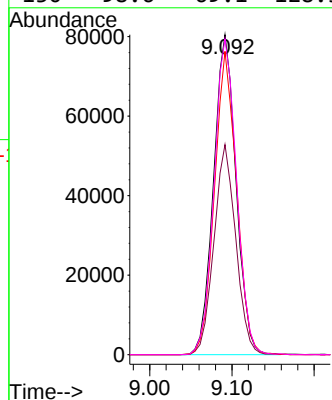
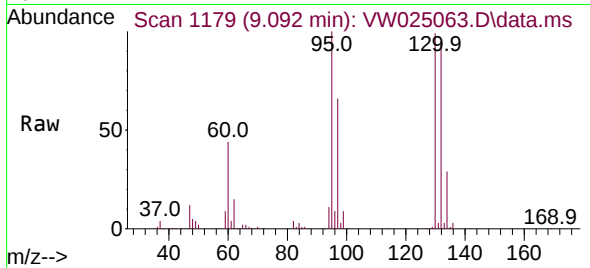




#34
Trichloroethene
Concen: 23.450 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW025063.D
Acq: 16 Nov 2022 17:15

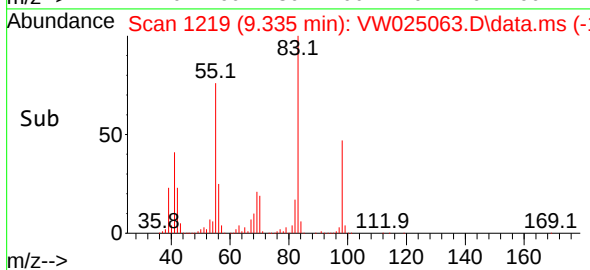
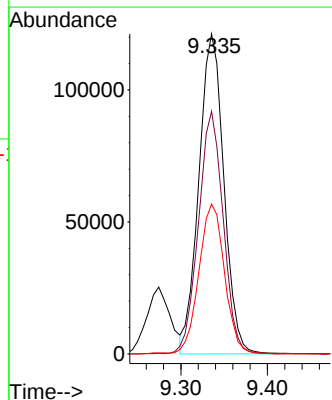
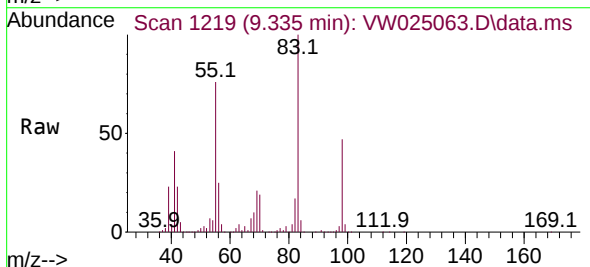
Instrument :
MSVOA_W
ClientSampleId :
ESQT3MSD

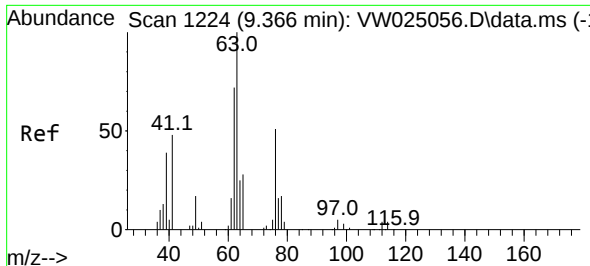
Tgt Ion: 95 Resp: 152730
Ion Ratio Lower Upper
95 100
97 65.7 44.7 83.1
132 94.8 62.6 116.2
130 98.6 69.1 128.3



#35
Methylcyclohexane
Concen: 21.921 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW025063.D
Acq: 16 Nov 2022 17:15

Tgt Ion: 83 Resp: 242597
Ion Ratio Lower Upper
83 100
55 74.9 60.4 90.6
98 48.2 39.5 59.3





#37

1,2-Dichloropropane

Concen: 26.672 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025063.D

Acq: 16 Nov 2022 17:15

Instrument :

MSVOA_W

ClientSampleId :

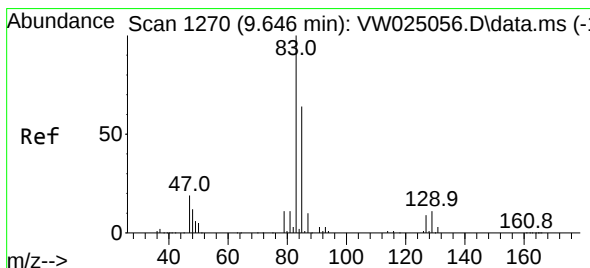
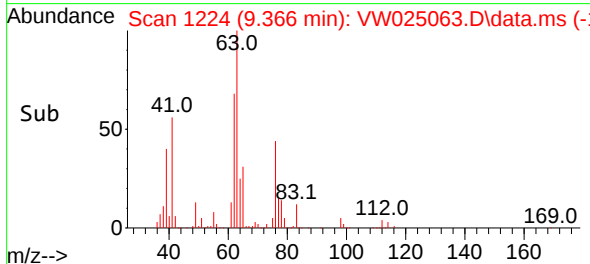
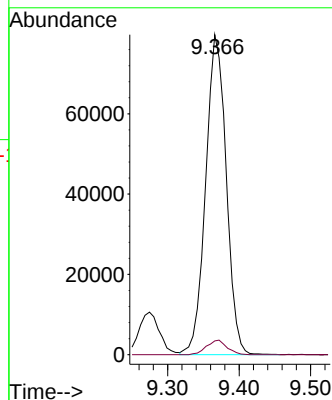
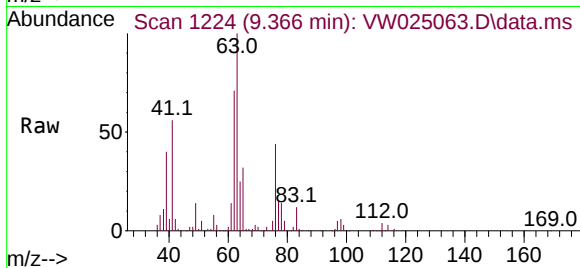
ESQT3MSD

Tgt Ion: 63 Resp: 159268

Ion Ratio Lower Upper

63 100

112 4.5 3.6 5.4



#38

Bromodichloromethane

Concen: 24.987 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW025063.D

Acq: 16 Nov 2022 17:15

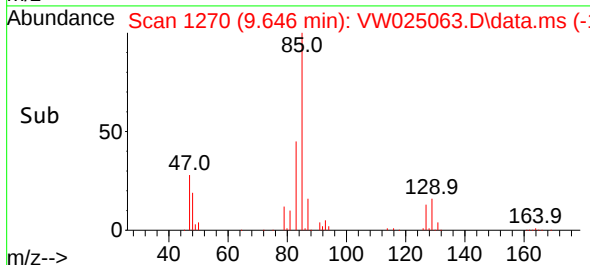
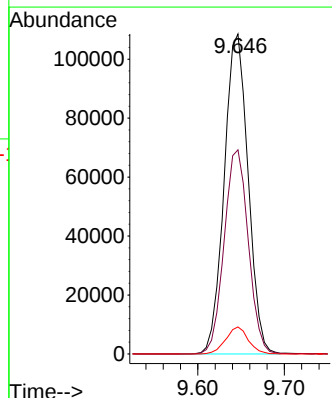
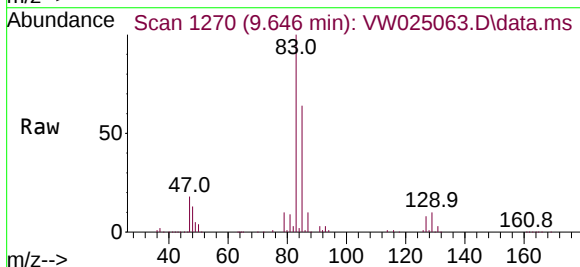
Tgt Ion: 83 Resp: 208247

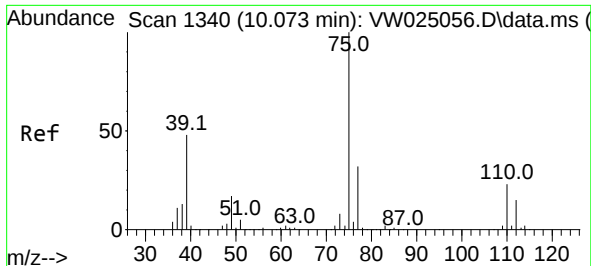
Ion Ratio Lower Upper

83 100

85 63.8 45.8 85.0

127 8.5 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 26.408 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025063.D

Acq: 16 Nov 2022 17:15

Instrument :

MSVOA_W

ClientSampleId :

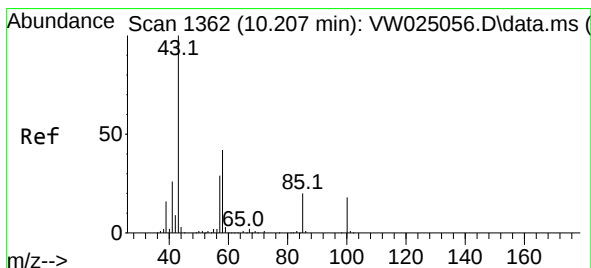
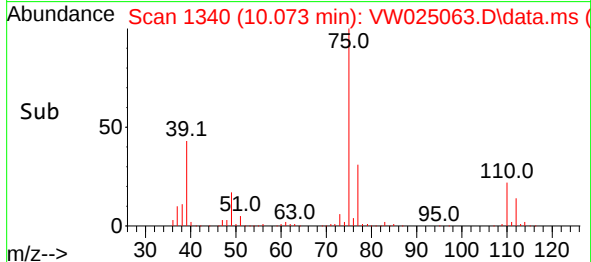
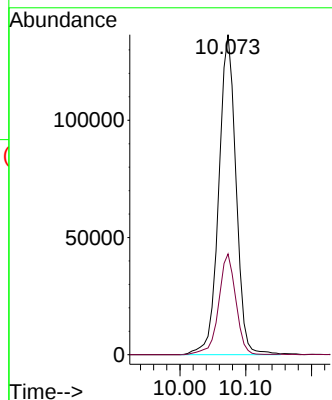
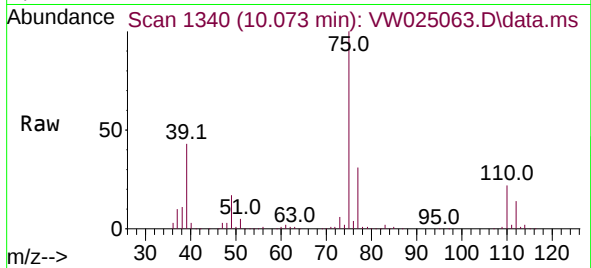
ESQT3MSD

Tgt Ion: 75 Resp: 249294

Ion Ratio Lower Upper

75 100

77 31.5 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 66.467 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW025063.D

Acq: 16 Nov 2022 17:15

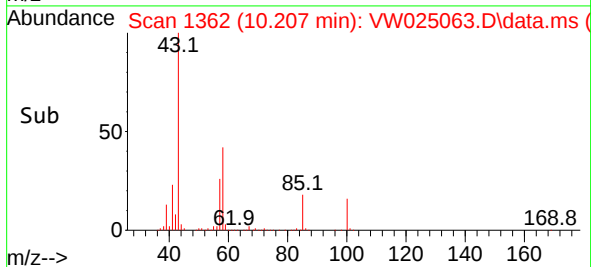
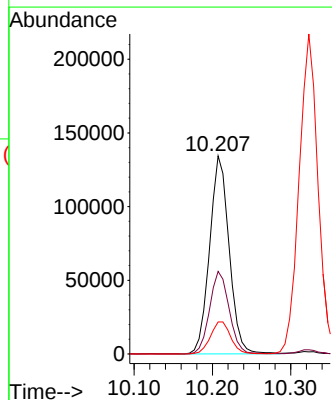
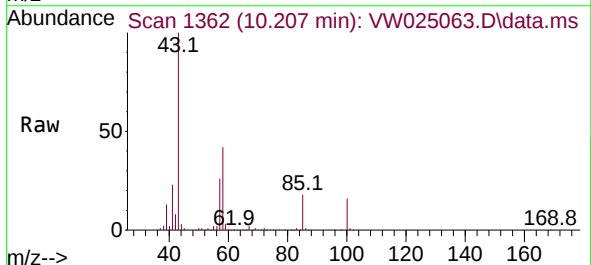
Tgt Ion: 43 Resp: 232914

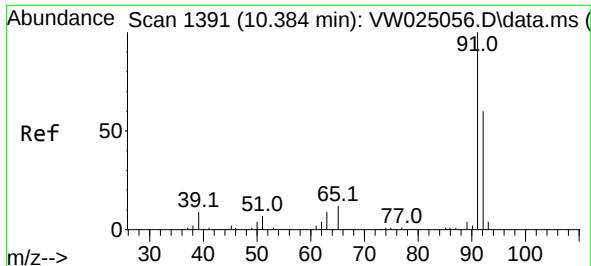
Ion Ratio Lower Upper

43 100

58 41.7 32.6 48.8

100 16.9 14.0 21.0





#42

Toluene

Concen: 24.115 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW025063.D

Acq: 16 Nov 2022 17:15

Instrument :

MSVOA_W

ClientSampleId :

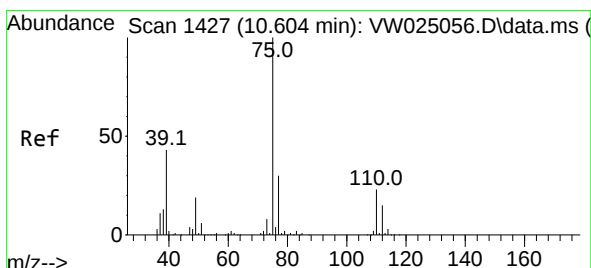
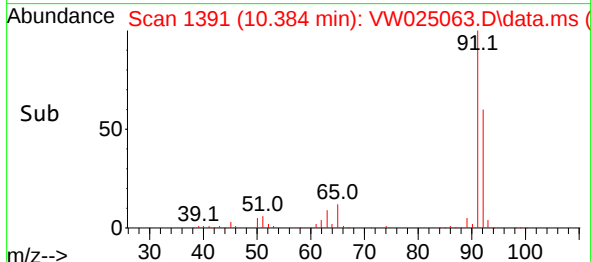
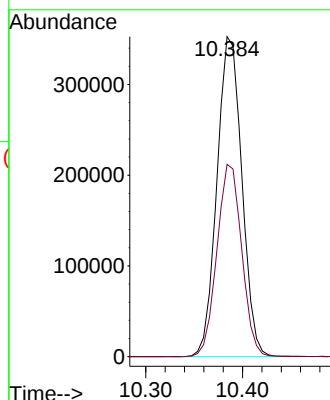
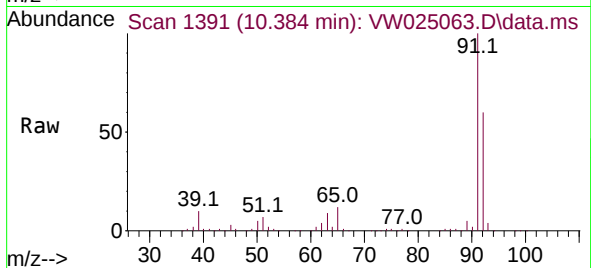
ESQT3MSD

Tgt Ion: 91 Resp: 629874

Ion Ratio Lower Upper

91 100

92 60.1 38.6 71.8



#44

trans-1,3-Dichloropropene

Concen: 25.983 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW025063.D

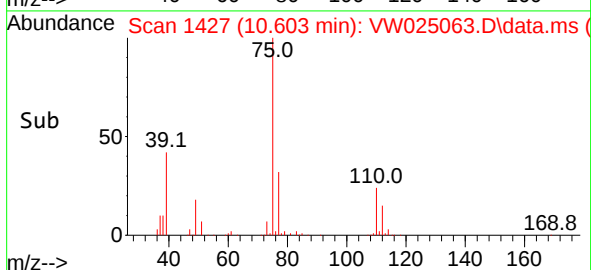
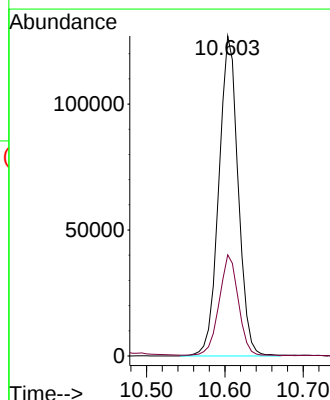
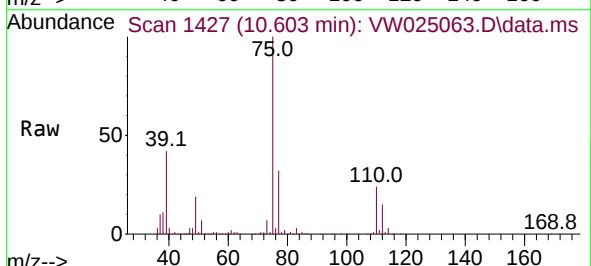
Acq: 16 Nov 2022 17:15

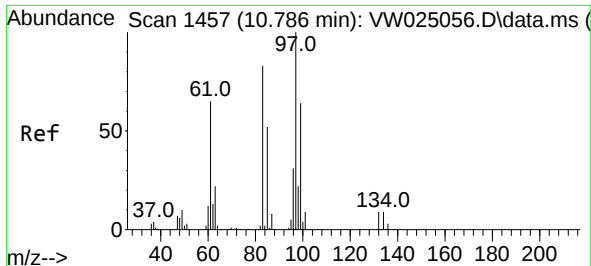
Tgt Ion: 75 Resp: 218062

Ion Ratio Lower Upper

75 100

77 31.6 22.3 41.5



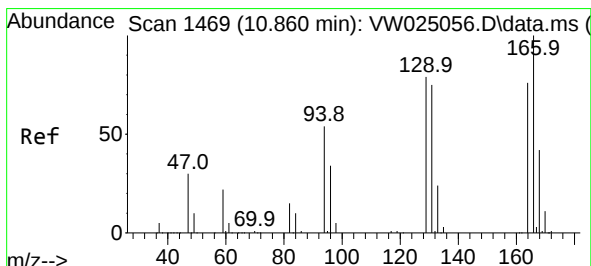
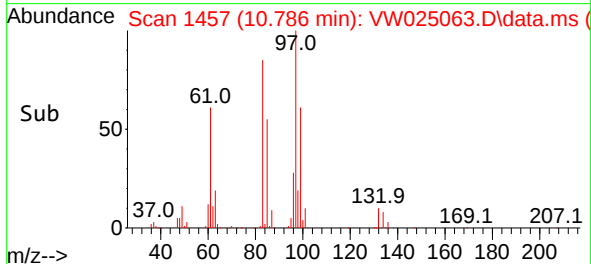
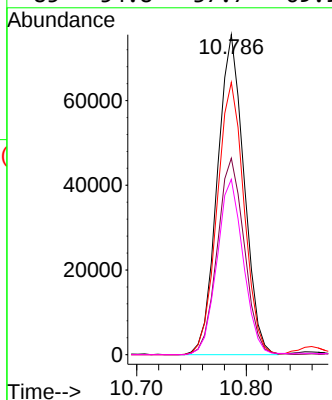
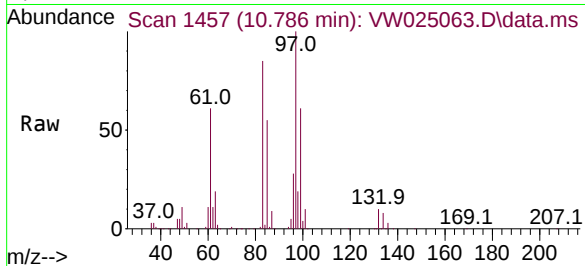


#45
1,1,2-Trichloroethane
Concen: 28.355 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW025063.D
Acq: 16 Nov 2022 17:15

Instrument :
MSVOA_W
ClientSampleId :
ESQT3MSD

Tgt Ion: 97 Resp: 127842

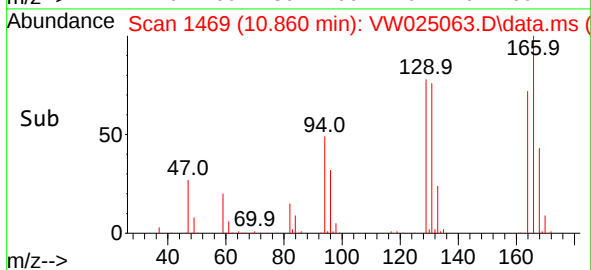
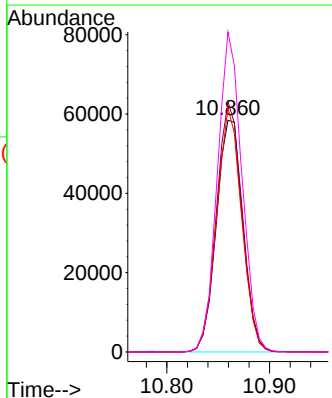
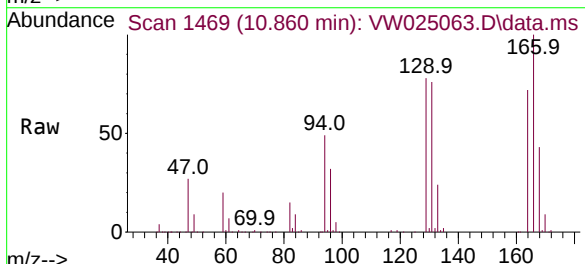
Ion	Ratio	Lower	Upper
97	100		
99	61.4	44.0	81.6
83	85.1	59.9	111.3
85	54.8	37.7	69.9

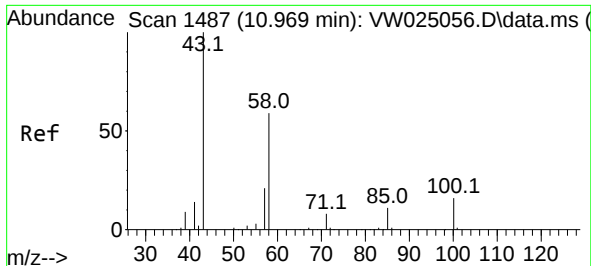


#46
Tetrachloroethene
Concen: 22.472 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW025063.D
Acq: 16 Nov 2022 17:15

Tgt Ion: 164 Resp: 104670

Ion	Ratio	Lower	Upper
164	100		
129	108.0	72.9	135.5
131	105.3	70.1	130.3
166	138.1	80.2	148.9

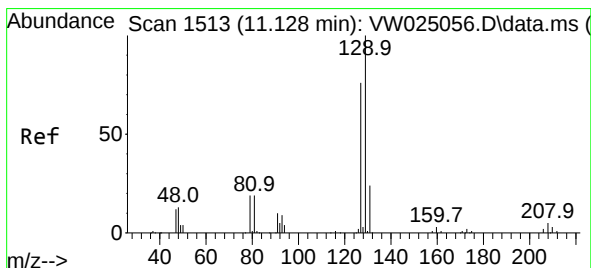
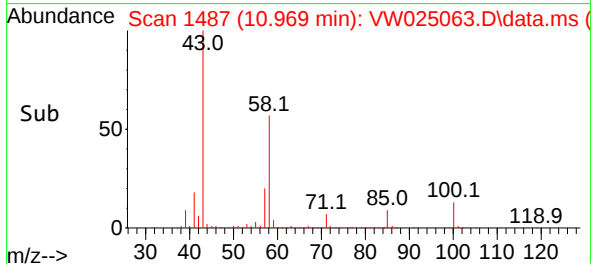
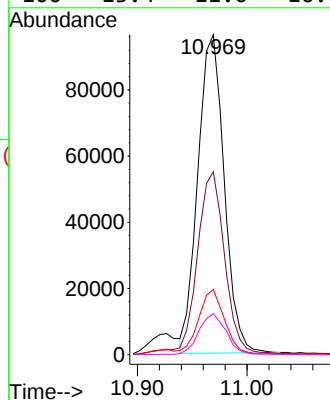
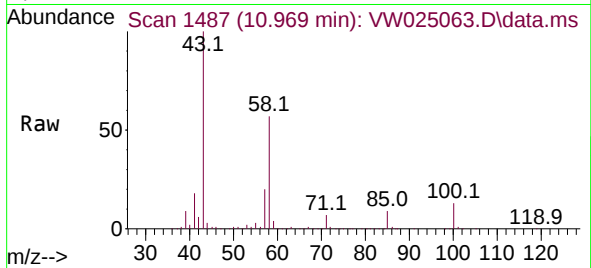




#48
2-Hexanone
Concen: 66.401 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW025063.D
Acq: 16 Nov 2022 17:15

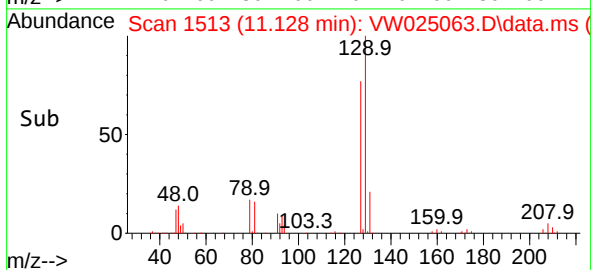
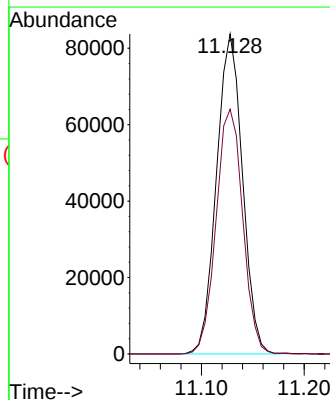
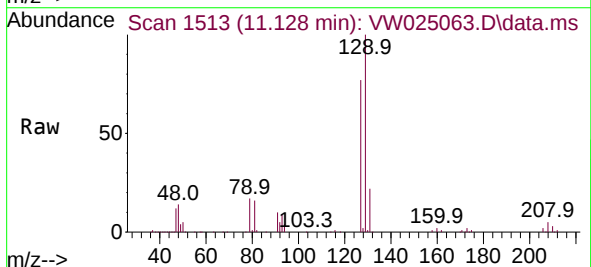
Instrument :
MSVOA_W
ClientSampleId :
ESQT3MSD

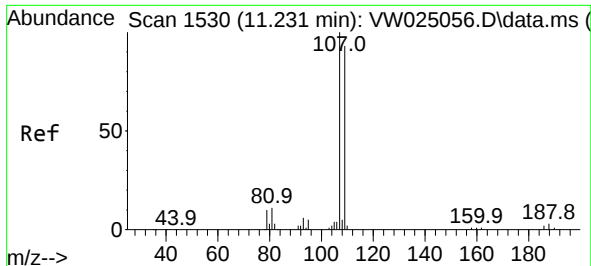
Tgt Ion:	43	Resp:	160919
Ion	Ratio	Lower	Upper
43	100		
58	58.0	46.1	69.1
57	20.5	16.2	24.2
100	13.4	11.0	16.6



#49
Dibromochloromethane
Concen: 26.751 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW025063.D
Acq: 16 Nov 2022 17:15

Tgt Ion:	129	Resp:	147018
Ion	Ratio	Lower	Upper
129	100		
127	76.5	53.2	98.8





#50

1,2-Dibromoethane

Concen: 28.303 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025063.D

Acq: 16 Nov 2022 17:15

Instrument :

MSVOA_W

ClientSampleId :

ESQT3MSD

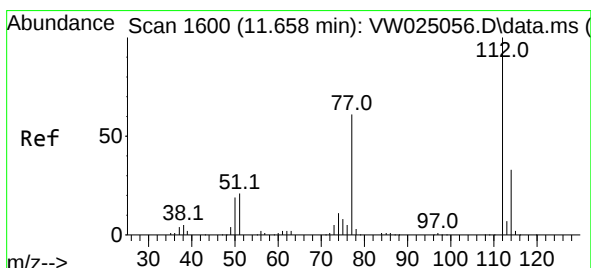
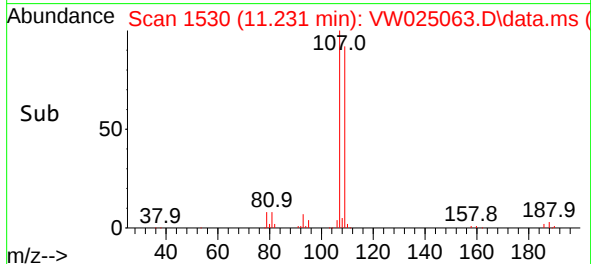
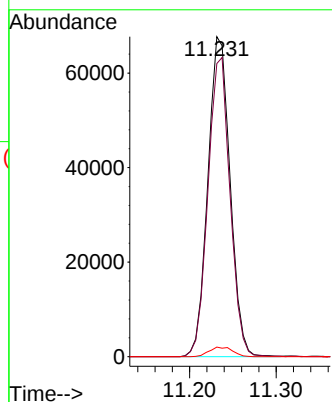
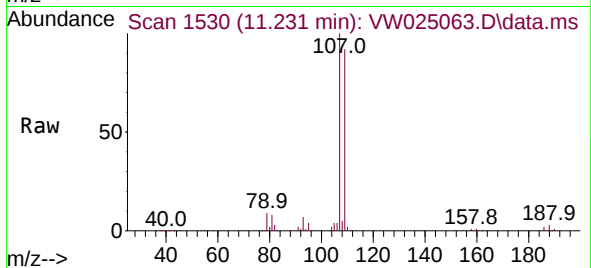
Tgt Ion:107 Resp: 120687

Ion Ratio Lower Upper

107 100

109 91.6 64.5 119.7

188 3.0 2.9 4.3



#51

Chlorobenzene

Concen: 23.843 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW025063.D

Acq: 16 Nov 2022 17:15

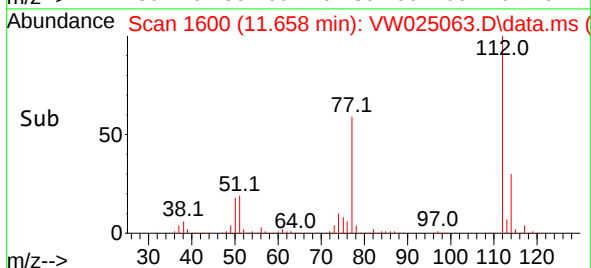
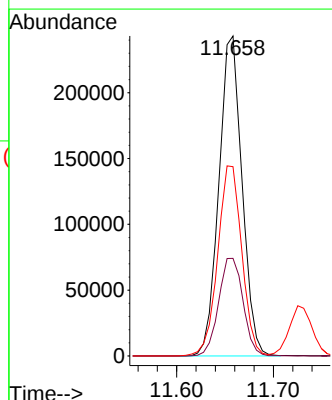
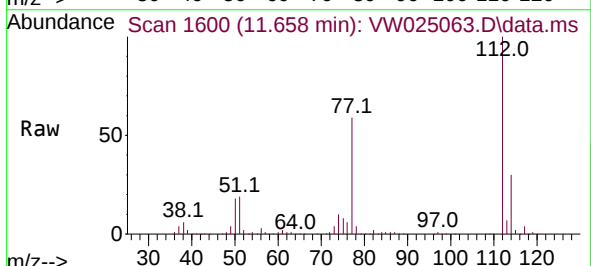
Tgt Ion:112 Resp: 403675

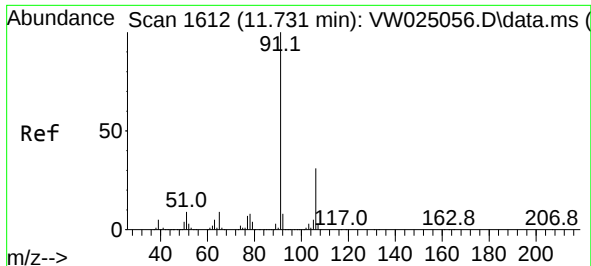
Ion Ratio Lower Upper

112 100

114 30.5 20.8 38.6

77 59.2 48.2 72.2

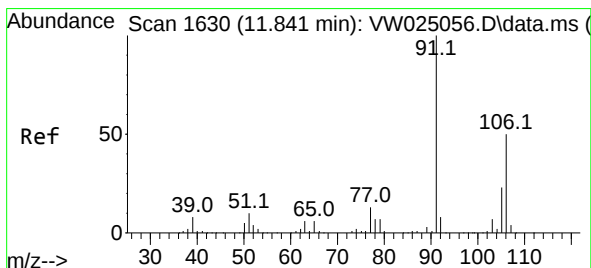
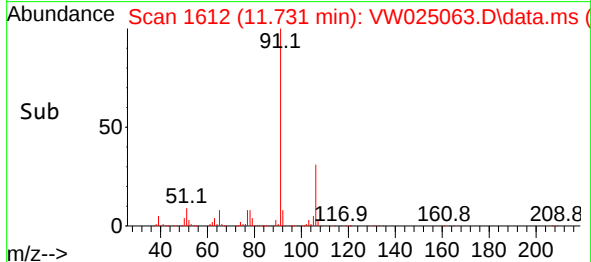
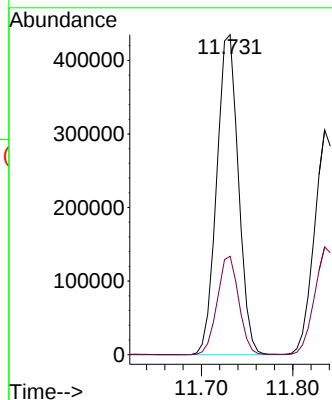
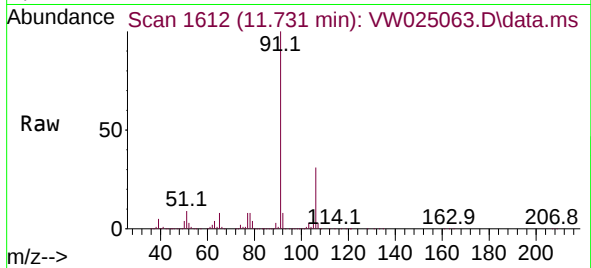




#52
Ethylbenzene
Concen: 23.823 ug/L
RT: 11.731 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW025063.D
Acq: 16 Nov 2022 17:15

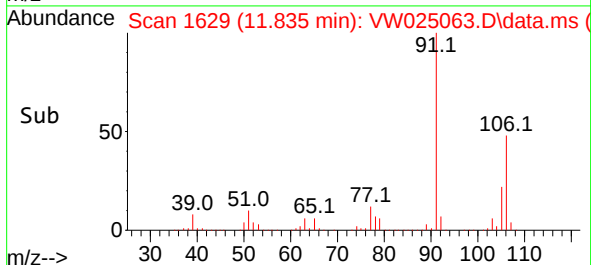
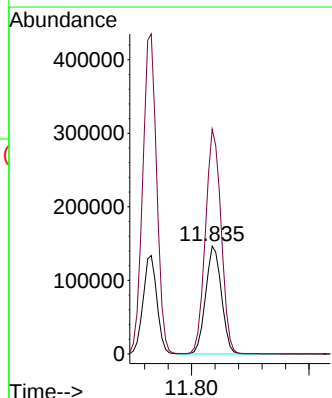
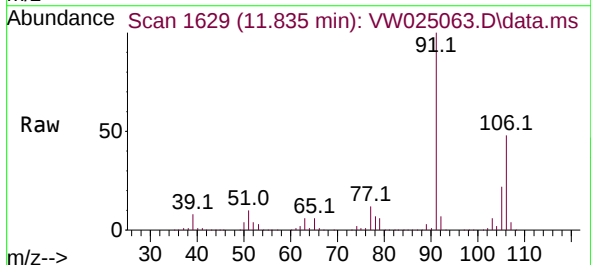
Instrument :
MSVOA_W
ClientSampleId :
ESQT3MSD

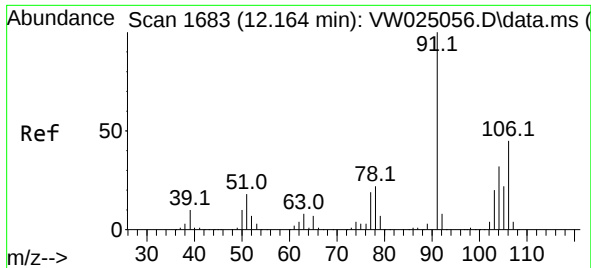
Tgt Ion: 91 Resp: 718258
Ion Ratio Lower Upper
91 100
106 30.8 22.3 41.5



#53
m,p-Xylene
Concen: 23.413 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW025063.D
Acq: 16 Nov 2022 17:15

Tgt Ion:106 Resp: 273246
Ion Ratio Lower Upper
106 100
91 208.3 143.9 267.2

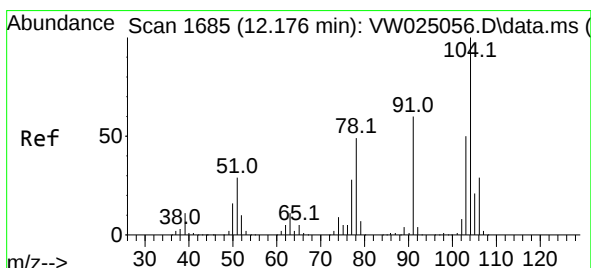
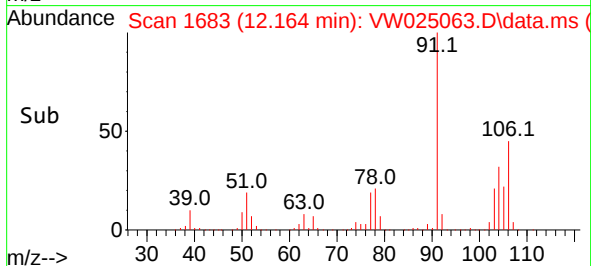
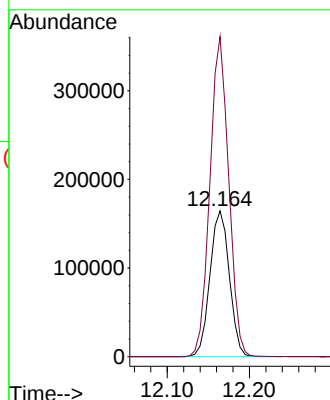
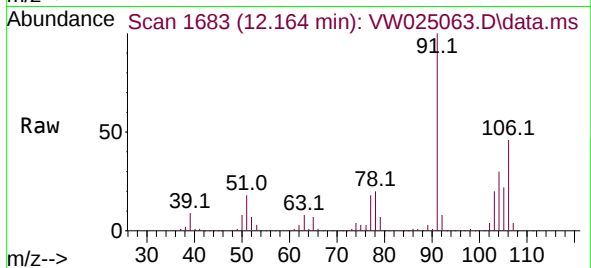




#54
o-Xylene
Concen: 24.507 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW025063.D
Acq: 16 Nov 2022 17:15

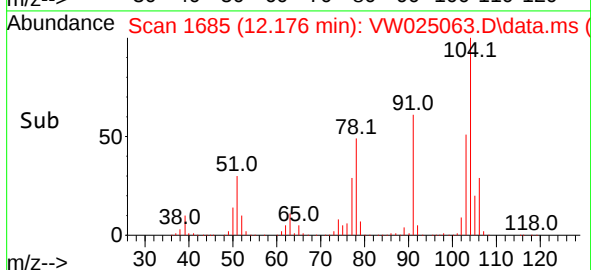
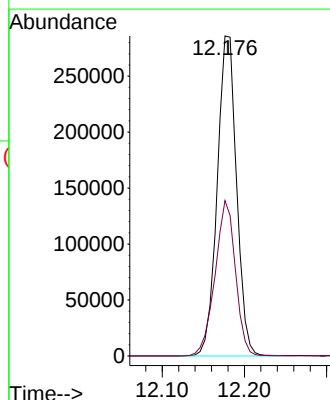
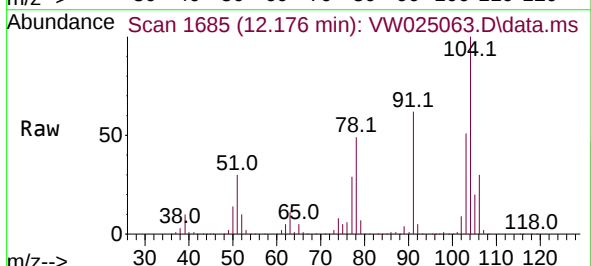
Instrument :
MSVOA_W
ClientSampleId :
ESQT3MSD

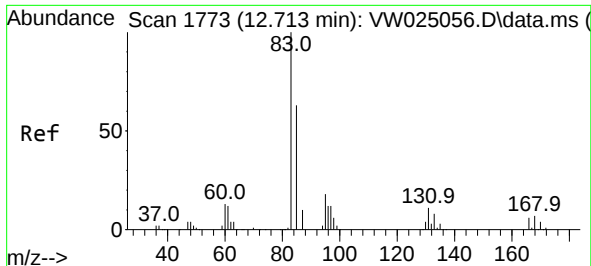
Tgt Ion:106 Resp: 269832
Ion Ratio Lower Upper
106 100
91 219.5 153.5 285.1



#55
Styrene
Concen: 24.470 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW025063.D
Acq: 16 Nov 2022 17:15

Tgt Ion:104 Resp: 467961
Ion Ratio Lower Upper
104 100
78 48.6 31.3 58.1





#57

1,1,2,2-Tetrachloroethane

Concen: 31.223 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025063.D

Acq: 16 Nov 2022 17:15

Instrument :

MSVOA_W

ClientSampleId :

ESQT3MSD

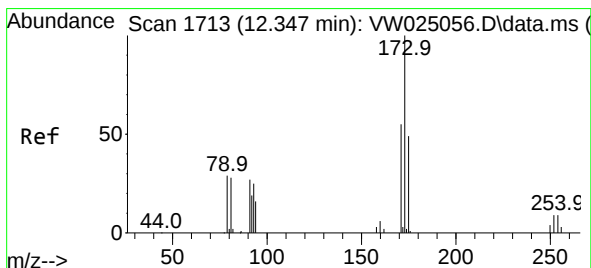
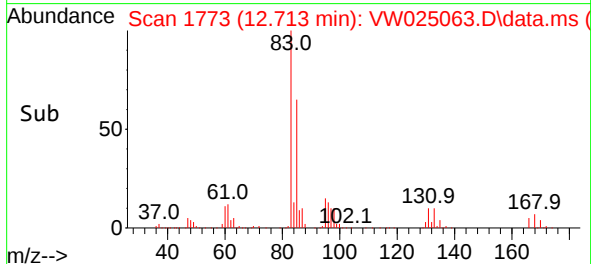
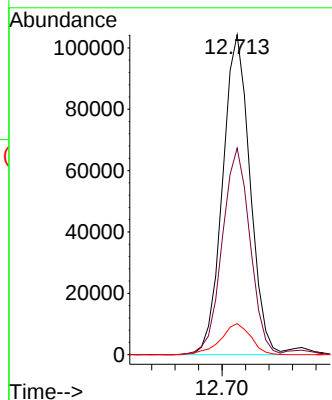
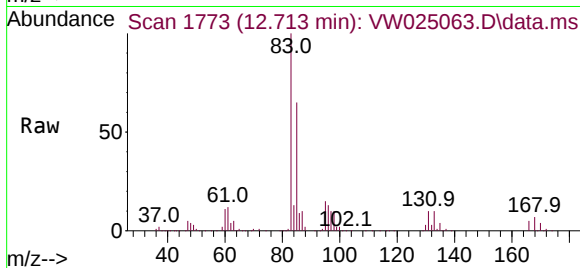
Tgt Ion: 83 Resp: 168877

Ion Ratio Lower Upper

83 100

85 64.6 46.4 86.2

131 9.7 8.2 12.4



#59

Bromoform

Concen: 28.328 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW025063.D

Acq: 16 Nov 2022 17:15

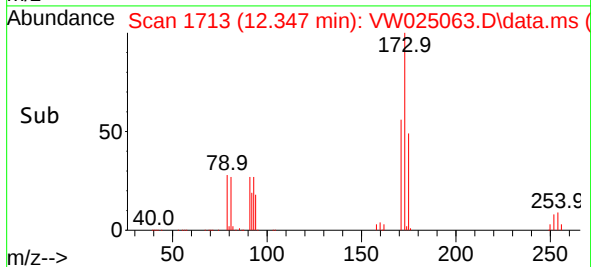
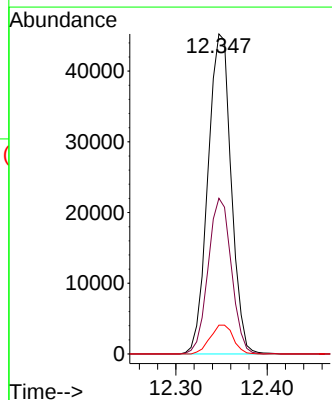
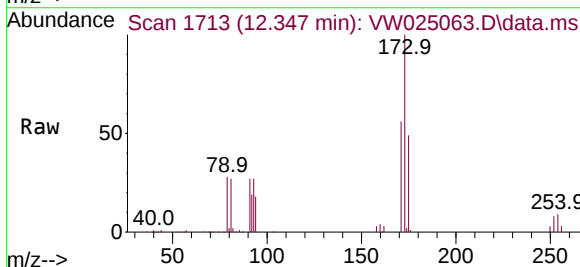
Tgt Ion:173 Resp: 79899

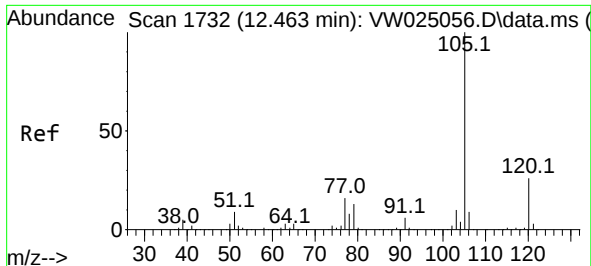
Ion Ratio Lower Upper

173 100

175 48.6 37.4 56.2

254 9.0 5.8 8.8#

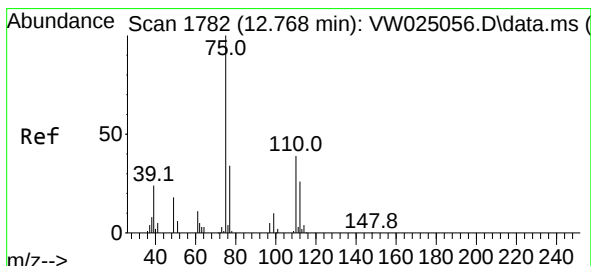
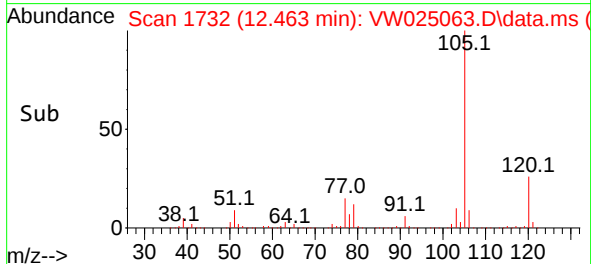
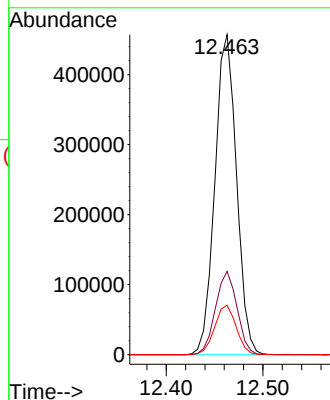
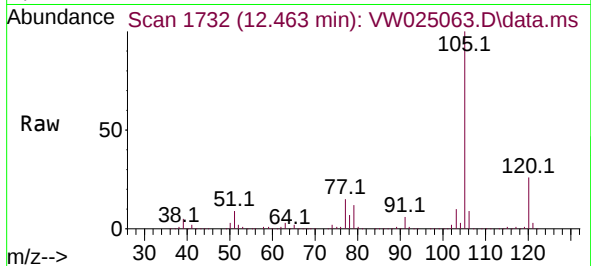




#60
Isopropylbenzene
Concen: 23.640 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW025063.D
Acq: 16 Nov 2022 17:15

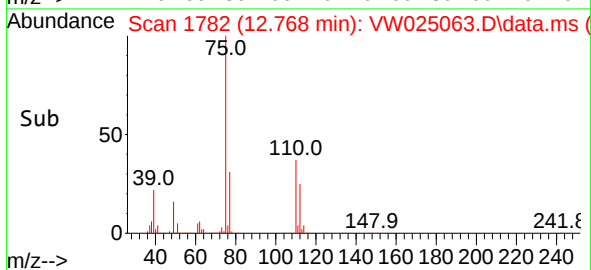
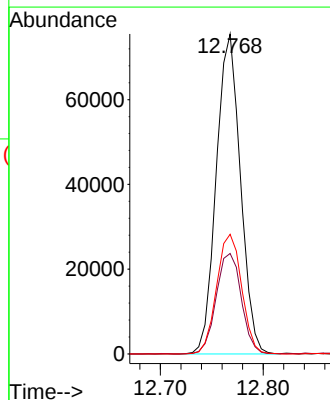
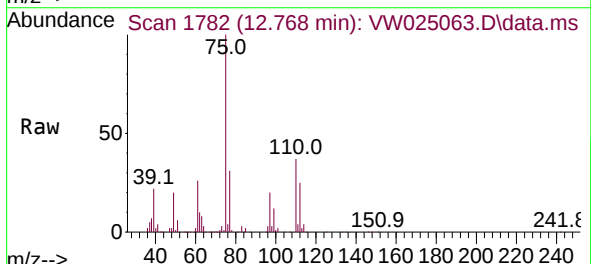
Instrument :
MSVOA_W
ClientSampleId :
ESQT3MSD

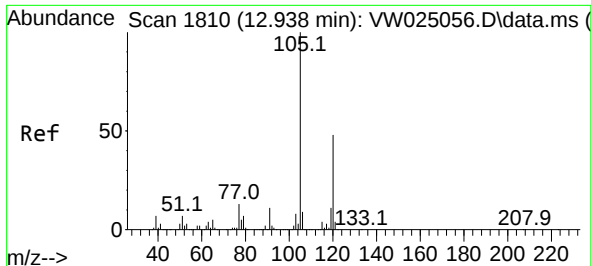
Tgt Ion:105 Resp: 708763
Ion Ratio Lower Upper
105 100
120 25.9 20.8 31.2
77 15.5 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 30.706 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW025063.D
Acq: 16 Nov 2022 17:15

Tgt Ion: 75 Resp: 123020
Ion Ratio Lower Upper
75 100
77 32.8 25.7 38.5
110 38.8 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 23.676 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW025063.D

Acq: 16 Nov 2022 17:15

Instrument :

MSVOA_W

ClientSampleId :

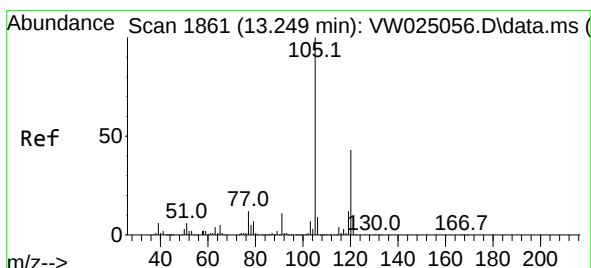
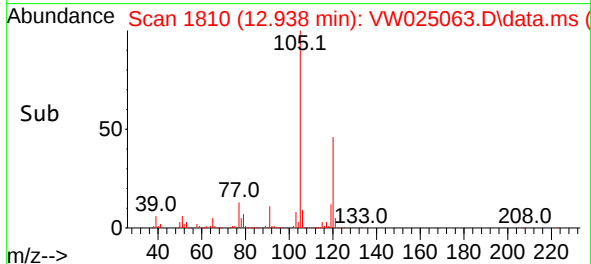
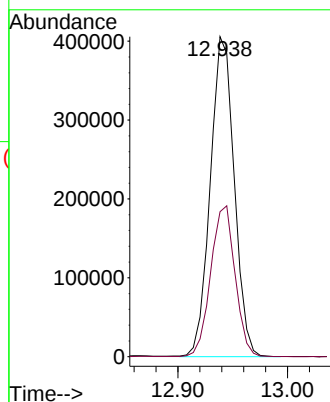
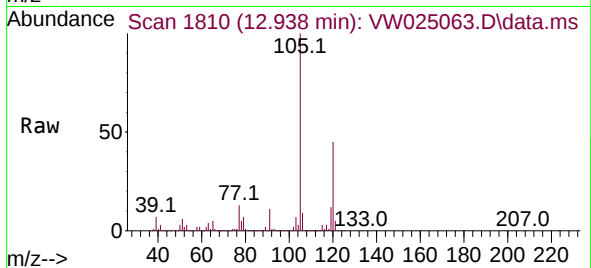
ESQT3MSD

Tgt Ion:105 Resp: 616177

Ion Ratio Lower Upper

105 100

120 47.9 37.6 56.4



#63

1,2,4-Trimethylbenzene

Concen: 24.093 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW025063.D

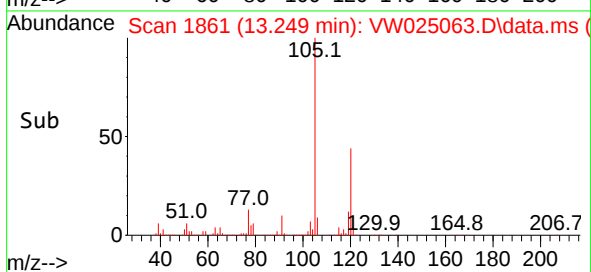
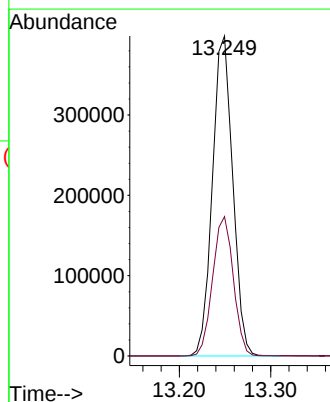
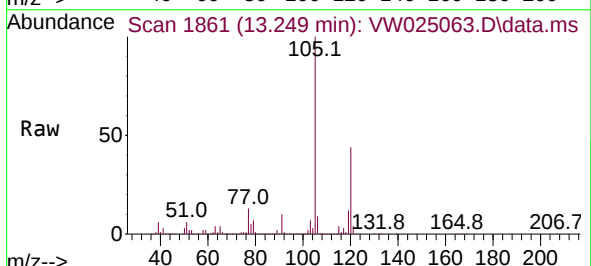
Acq: 16 Nov 2022 17:15

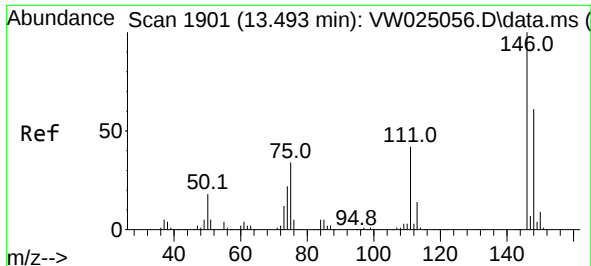
Tgt Ion:105 Resp: 614865

Ion Ratio Lower Upper

105 100

120 44.4 35.7 53.5

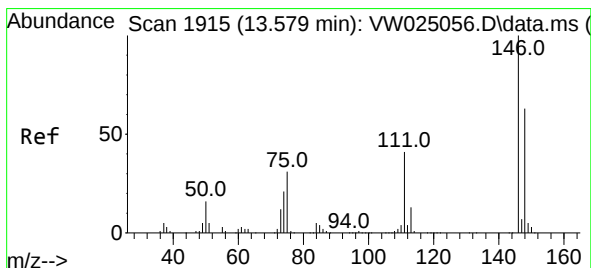
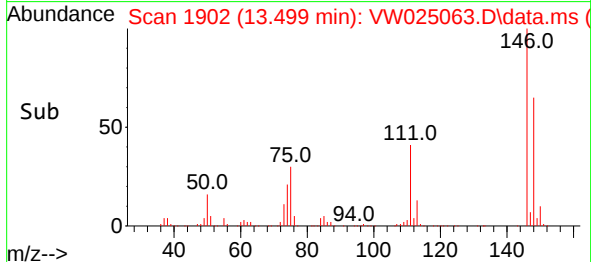
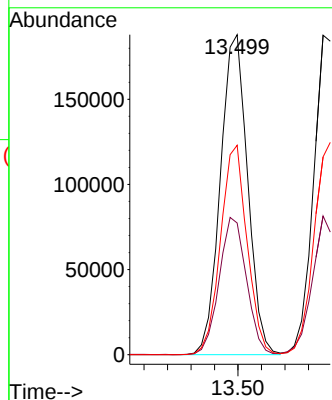
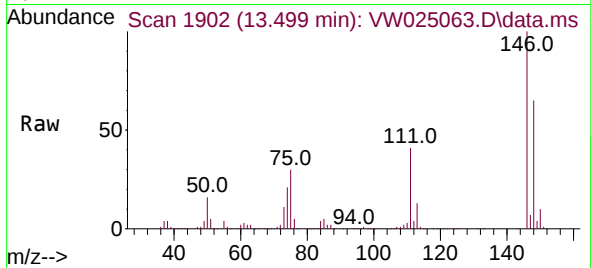




#64
1,3-Dichlorobenzene
Concen: 24.217 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW025063.D
Acq: 16 Nov 2022 17:15

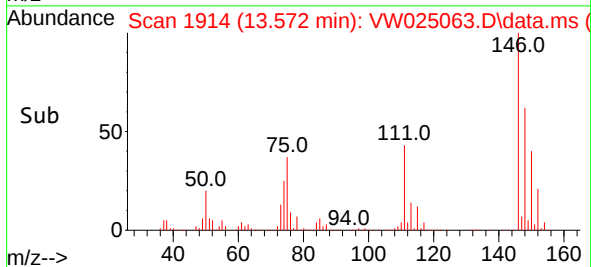
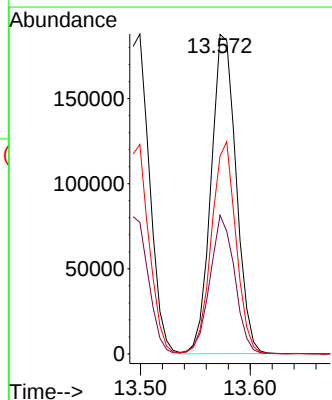
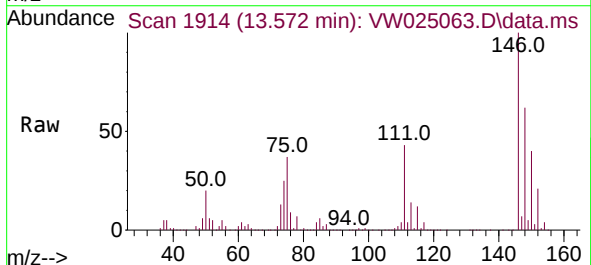
Instrument :
MSVOA_W
ClientSampleId :
ESQT3MSD

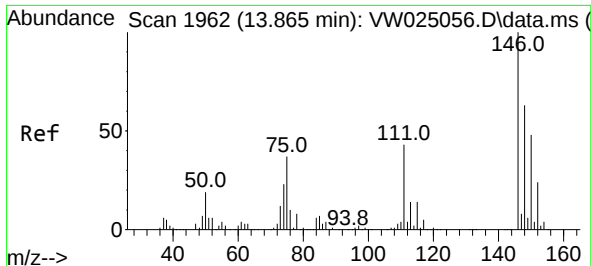
Tgt Ion:146 Resp: 302820
Ion Ratio Lower Upper
146 100
111 41.1 31.1 57.7
148 65.4 47.2 87.6



#65
1,4-Dichlorobenzene
Concen: 23.891 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW025063.D
Acq: 16 Nov 2022 17:15

Tgt Ion:146 Resp: 298088
Ion Ratio Lower Upper
146 100
111 43.4 28.8 53.6
148 61.9 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 25.245 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW025063.D

Acq: 16 Nov 2022 17:15

Instrument :

MSVOA_W

ClientSampleId :

ESQT3MSD

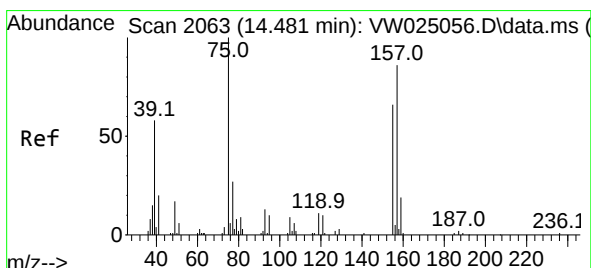
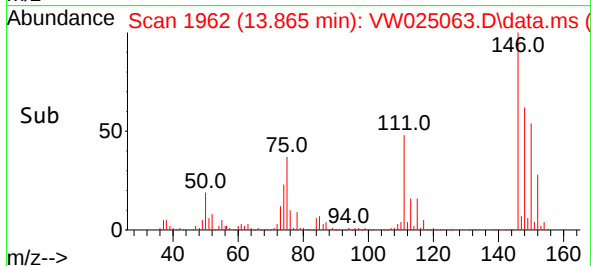
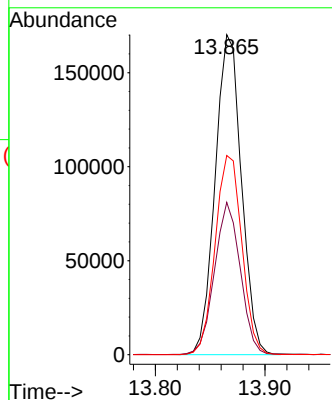
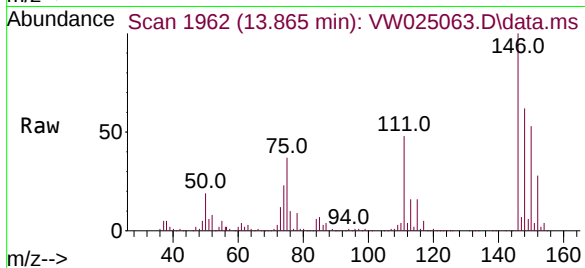
Tgt Ion:146 Resp: 283832

Ion Ratio Lower Upper

146 100

111 47.6 34.2 51.4

148 62.2 47.1 70.7



#68

1,2-Dibromo-3-chloropropane

Concen: 31.494 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW025063.D

Acq: 16 Nov 2022 17:15

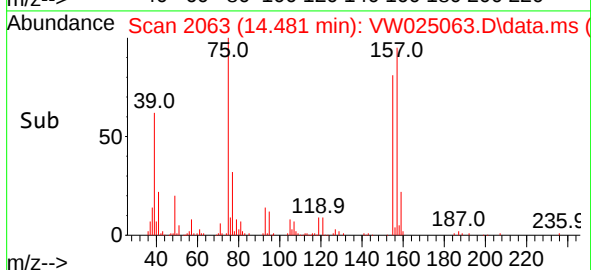
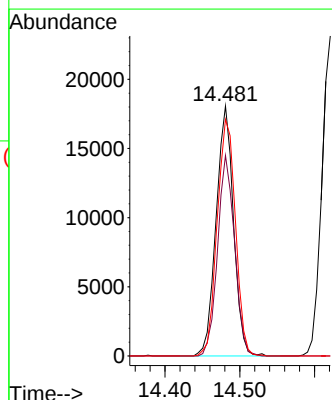
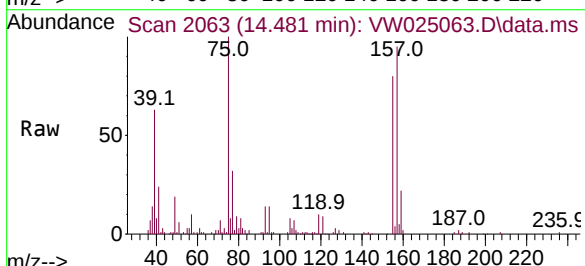
Tgt Ion: 75 Resp: 29159

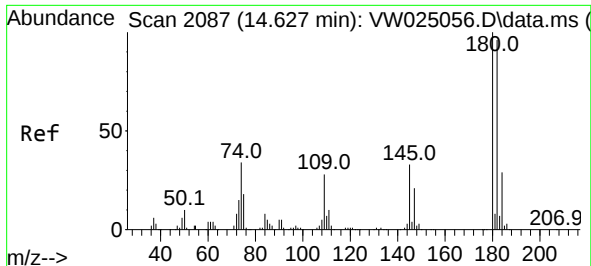
Ion Ratio Lower Upper

75 100

155 80.2 61.2 91.8

157 94.7 72.4 108.6

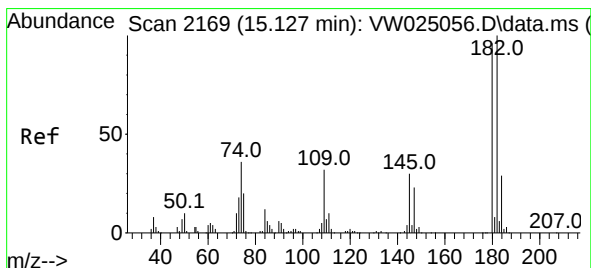
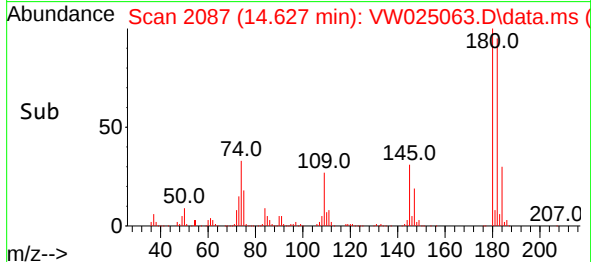
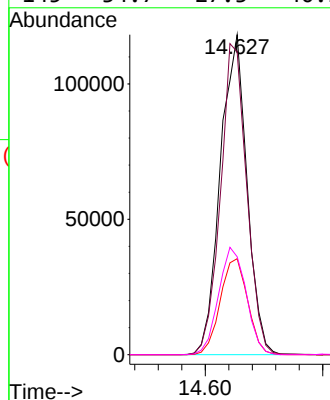
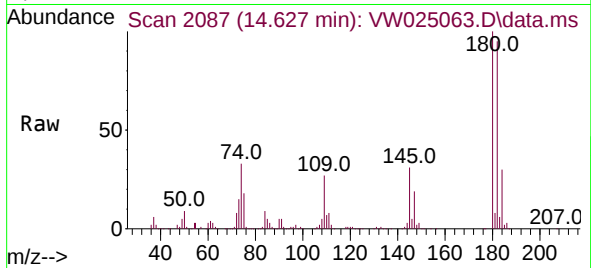




#69
1,3,5-Trichlorobenzene
Concen: 22.435 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW025063.D
Acq: 16 Nov 2022 17:15

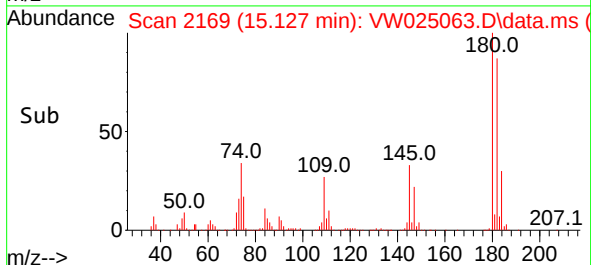
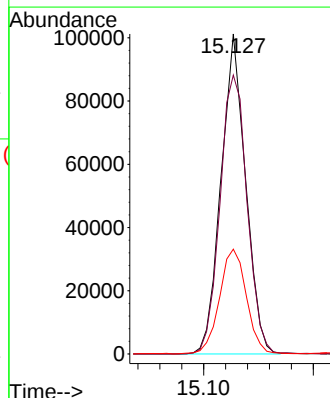
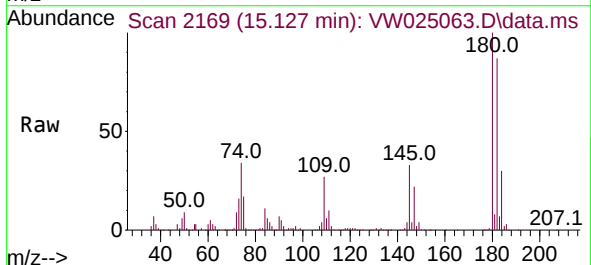
Instrument :
MSVOA_W
ClientSampleId :
ESQT3MSD

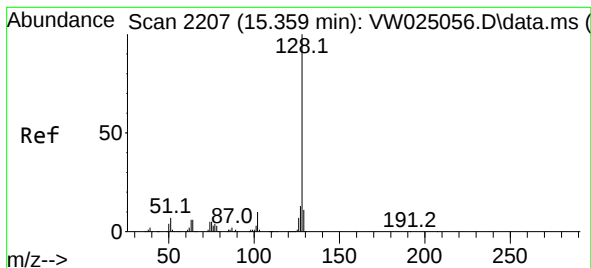
Tgt Ion:180 Resp: 185808
Ion Ratio Lower Upper
180 100
182 95.5 75.7 113.5
184 31.0 23.4 35.2
145 34.7 27.3 40.9



#70
1,2,4-trichlorobenzene
Concen: 24.477 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW025063.D
Acq: 16 Nov 2022 17:15

Tgt Ion:180 Resp: 157564
Ion Ratio Lower Upper
180 100
182 96.0 74.9 112.3
145 36.0 27.0 40.4





#71

Naphthalene

Concen: 31.008 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW025063.D

Acq: 16 Nov 2022 17:15

Instrument :

MSVOA_W

ClientSampleId :

ESQT3MSD

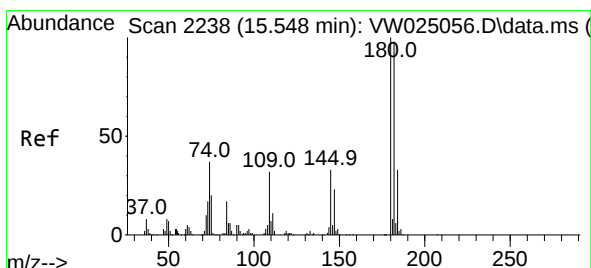
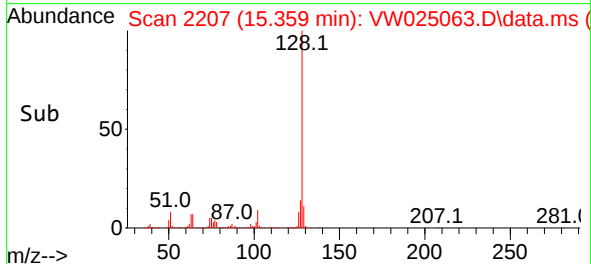
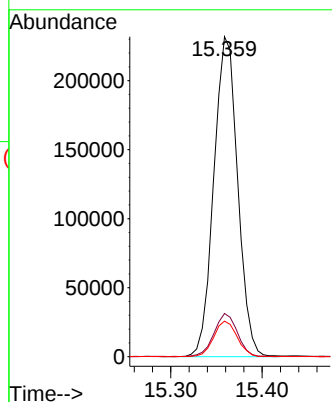
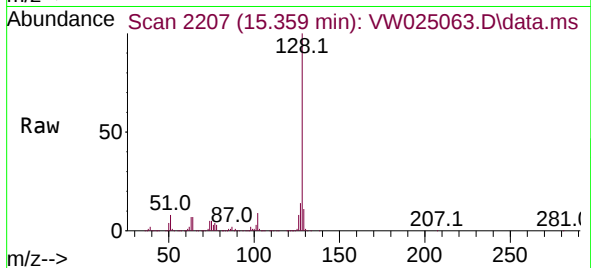
Tgt Ion:128 Resp: 421075

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 11.0 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 26.260 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW025063.D

Acq: 16 Nov 2022 17:15

Tgt Ion:180 Resp: 147293

Ion Ratio Lower Upper

180 100

182 92.6 74.1 111.1

145 36.0 28.2 42.2

