

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071522\
 Data File : VW026802.D
 Acq On : 15 Jul 2022 19:52
 Operator : SY/MD
 Sample : N3739-03MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0B39MSD

Quant Time: Jul 16 00:58:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 16 00:49:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	280284	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	271041	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	144077	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	60389	2.362	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	47.200%
7) Chloroethane-d5	1.561	69	61851	2.799	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	56.000%#
11) 1,1-Dichloroethene-d2	2.104	63	136533	2.781	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.600%#
20) 2-Butanone-d5	3.905	46	208927	52.352	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.700%
24) Chloroform-d	4.346	84	165376	3.699	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.000%
26) 1,2-Dichloroethane-d4	5.030	65	74591	3.819	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.400%
32) Benzene-d6	5.047	84	266468	3.235	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	64.800%#
36) 1,2-Dichloropropane-d6	6.066	67	92982	3.765	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.400%
41) Toluene-d8	7.313	98	223057	3.051	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	61.000%#
43) trans-1,3-Dichloroprop...	7.622	79	28628	3.543	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.800%
46) 2-Hexanone-d5	8.088	63	172690	49.369	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.740%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	84433	4.389	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	87569	3.488	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	69.800%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	156527	4.393	ug/L	99
3) Chloromethane	1.236	50	140999	4.124	ug/L	99
5) Vinyl chloride	1.304	62	148134	4.255	ug/L	100
6) Bromomethane	1.516	94	72021	3.456	ug/L	98
8) Chloroethane	1.580	64	90855	4.429	ug/L	98
9) Trichlorofluoromethane	1.748	101	199080	4.499	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	111352	4.393	ug/L	99
12) 1,1-Dichloroethene	2.111	96	104863	4.267	ug/L	91
13) Acetone	2.195	43	173500	51.672	ug/L #	41
14) Carbon disulfide	2.285	76	316702	4.374	ug/L	99
15) Methyl Acetate	2.439	43	34486	5.078	ug/L	99
16) Methylene chloride	2.500	84	114091	3.897	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	203597	4.809	ug/L	100
18) trans-1,2-Dichloroethene	2.754	96	106543	4.717	ug/L	96
19) 1,1-Dichloroethane	3.185	63	201434	4.884	ug/L	99
21) 2-Butanone	3.985	43	211468	54.003	ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	109666	4.814	ug/L	99
23) Bromochloromethane	4.243	128	50851	4.845	ug/L	96
25) Chloroform	4.371	83	223026	5.162	ug/L	100

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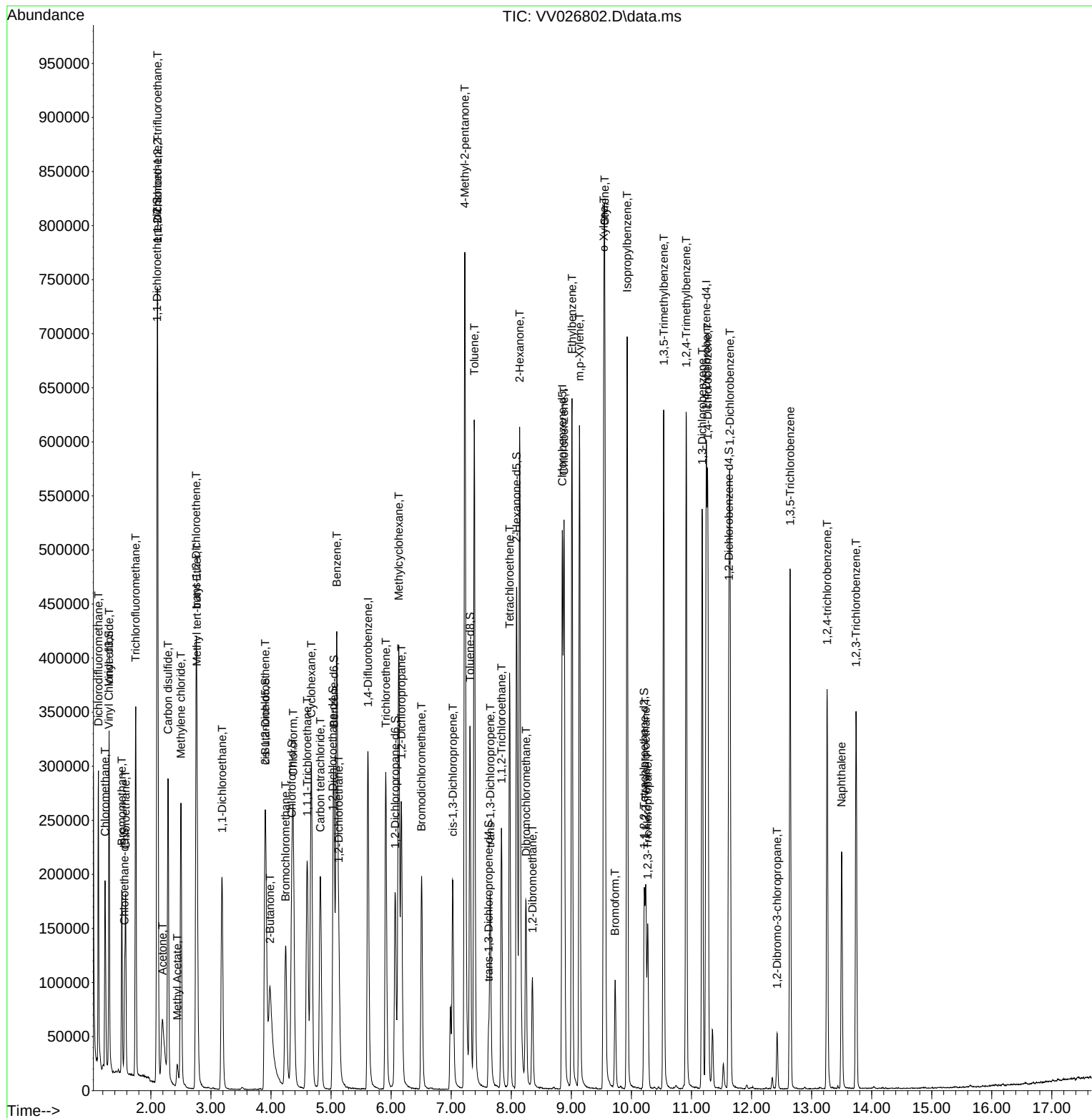
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	107296	4.610	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	177009	4.846	ug/L	99
30) Cyclohexane	4.670	56	146614	4.711	ug/L	98
31) Carbon tetrachloride	4.821	117	151703	4.703	ug/L	97
33) Benzene	5.095	78	445555	4.917	ug/L	100
34) Trichloroethene	5.911	95	105790	4.750	ug/L	97
35) Methylcyclohexane	6.127	83	160929	4.734	ug/L	99
37) 1,2-Dichloropropane	6.172	63	110524	5.101	ug/L	99
38) Bromodichloromethane	6.506	83	139390	4.934	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	126666	4.704	ug/L	96
40) 4-Methyl-2-pentanone	7.226	43	529892	52.942	ug/L	100
42) Toluene	7.384	91	462464	5.053	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	109760	4.964	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	77474	4.891	ug/L	96
47) Tetrachloroethene	7.972	164	85603	4.901	ug/L	98
48) 2-Hexanone	8.140	43	387762	53.529	ug/L	99
49) Dibromochloromethane	8.246	129	87267	4.781	ug/L	98
50) 1,2-Dibromoethane	8.352	107	69816	4.981	ug/L	93
51) Chlorobenzene	8.879	112	285331	4.931	ug/L	99
52) Ethylbenzene	9.011	91	434934	4.802	ug/L	100
53) m,p-Xylene	9.136	106	171801	4.878	ug/L	100
54) o-Xylene	9.541	106	164591	4.918	ug/L	98
55) Styrene	9.558	104	294949	5.029	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	91513	4.881	ug/L	98
59) Bromoform	9.728	173	43501	4.706	ug/L	96
60) Isopropylbenzene	9.931	105	428865	4.772	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	62879	4.732	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	325065	4.547	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	331788	4.570	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	216598	4.920	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	214862	4.799	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	196030	4.768	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	12897	4.579	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	143119	4.599	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	106781	4.512	ug/L	98
71) Naphthalene	13.500	128	175818	4.484	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	102079	4.635	ug/L	99

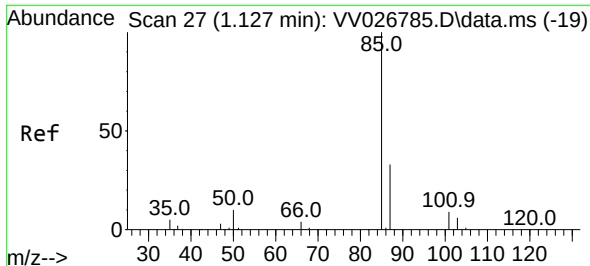
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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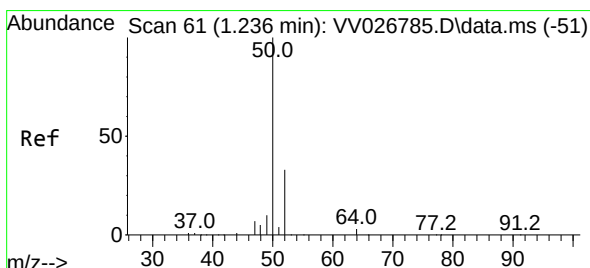
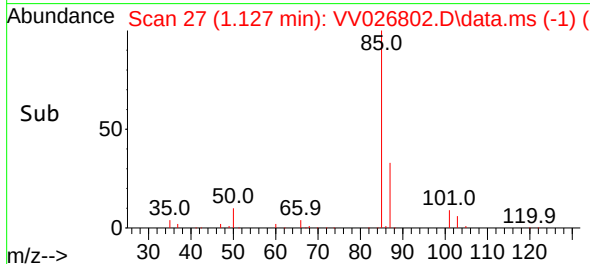
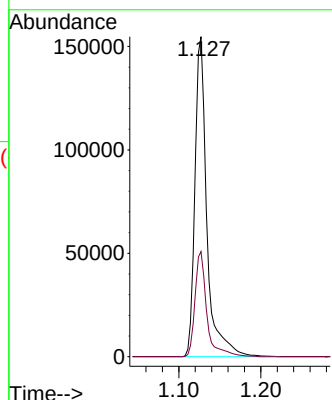
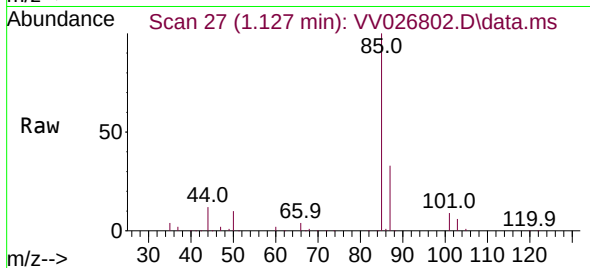




#2
 Dichlorodifluoromethane
 Concen: 4.393 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV026802.D
 Acq: 15 Jul 2022 19:52

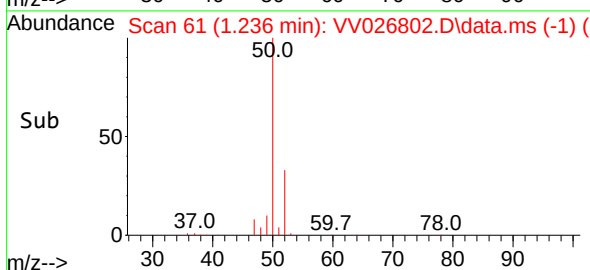
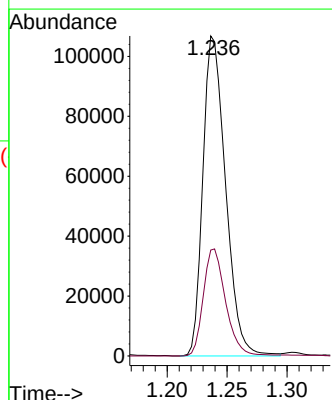
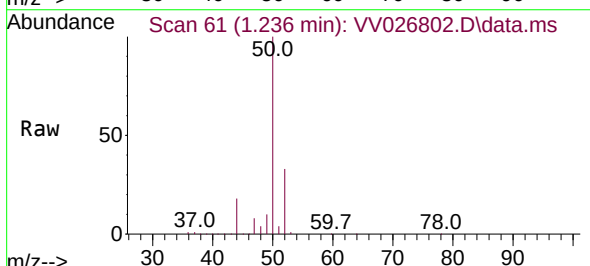
Instrument :
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 ClientSampleId :
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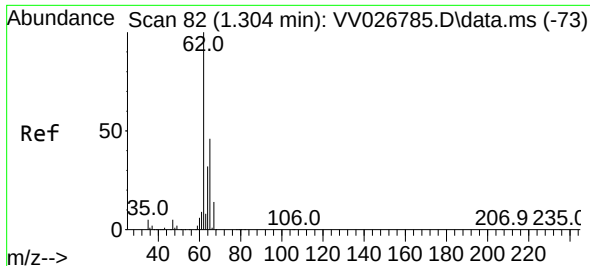
Tgt Ion: 85 Resp: 156527
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.8 38.8



#3
 Chloromethane
 Concen: 4.124 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV026802.D
 Acq: 15 Jul 2022 19:52

Tgt Ion: 50 Resp: 140999
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.8 42.4

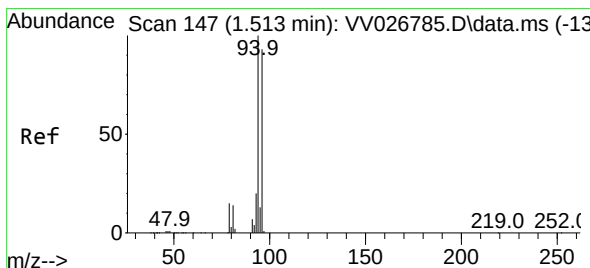
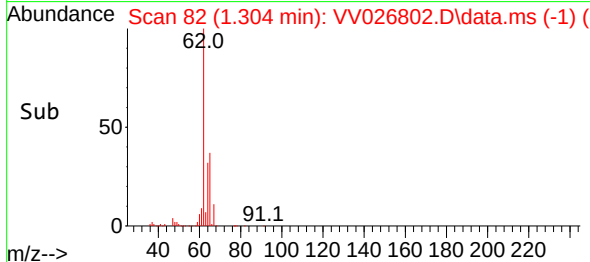
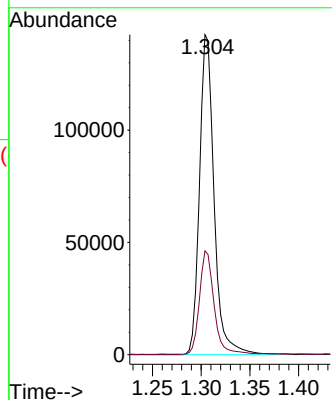
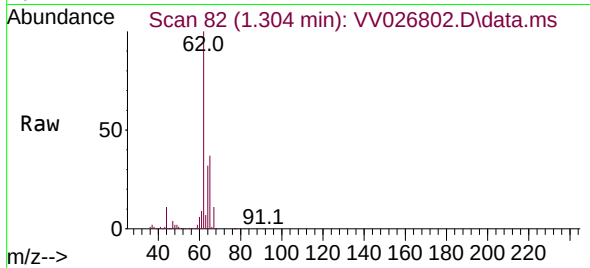




#5
 Vinyl chloride
 Concen: 4.255 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV026802.D
 Acq: 15 Jul 2022 19:52

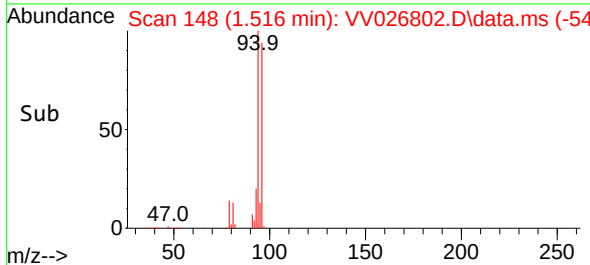
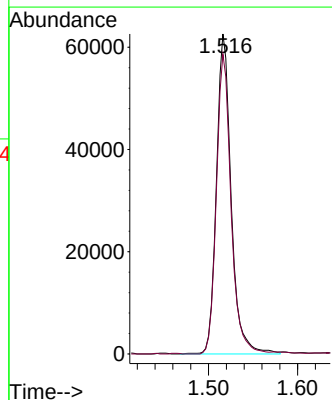
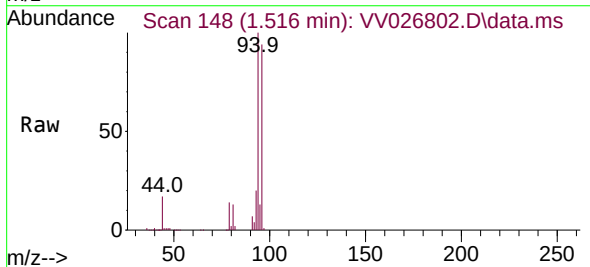
Instrument :
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 ClientSampleId :
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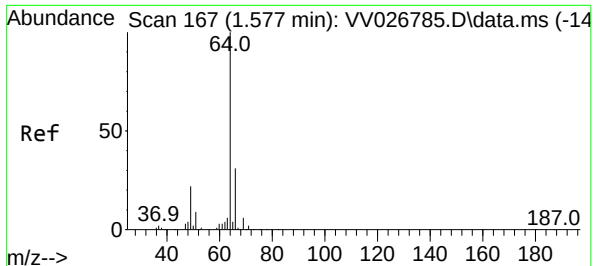
Tgt Ion: 62 Resp: 148134
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.9 42.5



#6
 Bromomethane
 Concen: 3.456 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.003 min
 Lab File: VV026802.D
 Acq: 15 Jul 2022 19:52

Tgt Ion: 94 Resp: 72021
 Ion Ratio Lower Upper
 94 100
 96 93.7 67.1 124.7

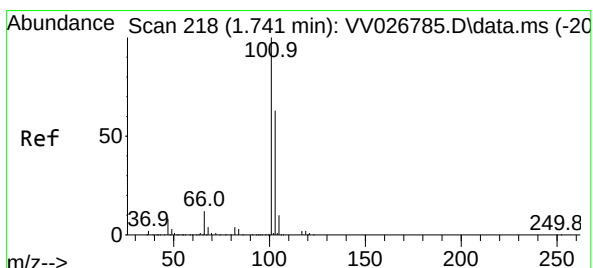
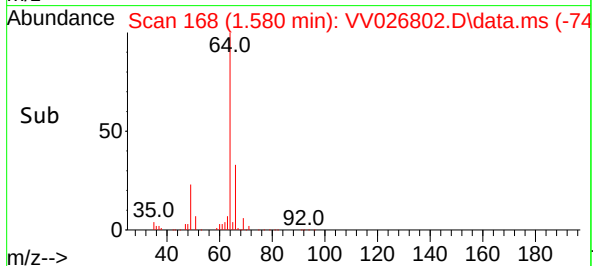
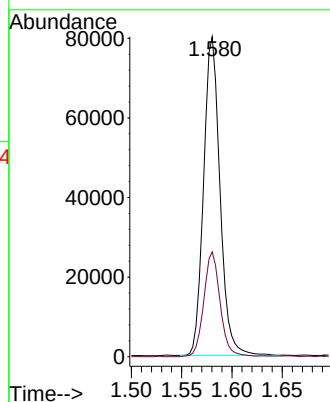
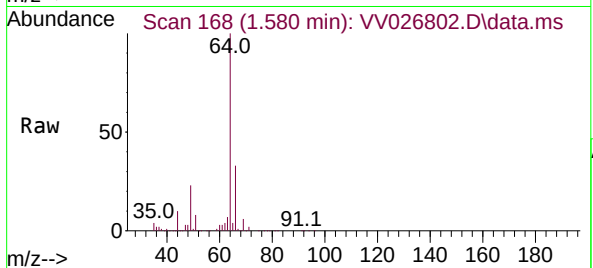




#8
Chloroethane
Concen: 4.429 ug/L
RT: 1.580 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026802.D
Acq: 15 Jul 2022 19:52

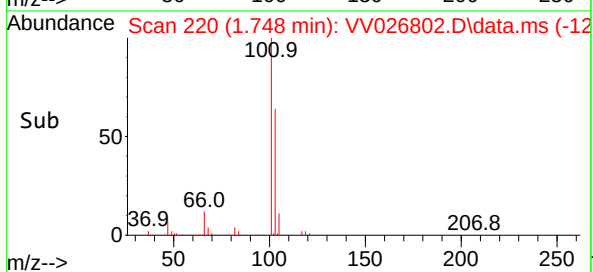
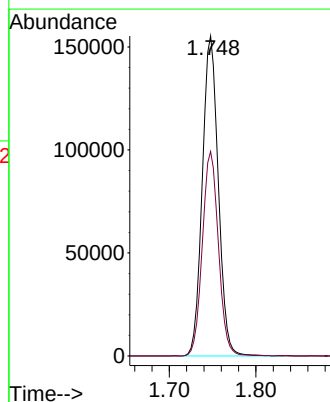
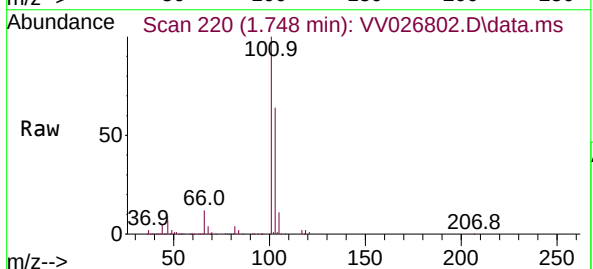
Instrument :
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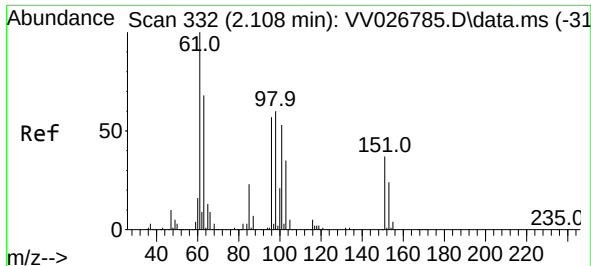
Tgt Ion: 64 Resp: 90855
Ion Ratio Lower Upper
64 100
66 32.8 23.9 44.5



#9
Trichlorofluoromethane
Concen: 4.499 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.006 min
Lab File: VV026802.D
Acq: 15 Jul 2022 19:52

Tgt Ion: 101 Resp: 199080
Ion Ratio Lower Upper
101 100
103 64.2 51.6 77.4

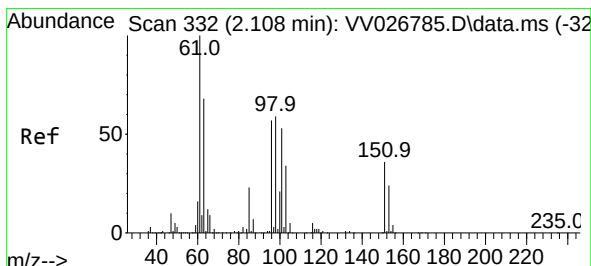
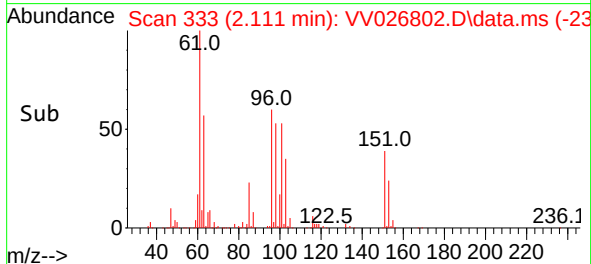
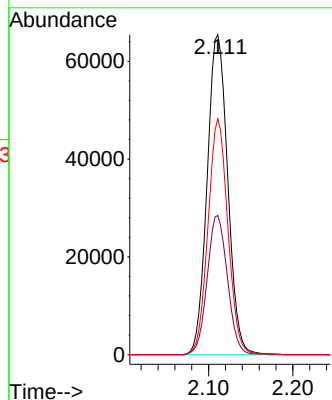
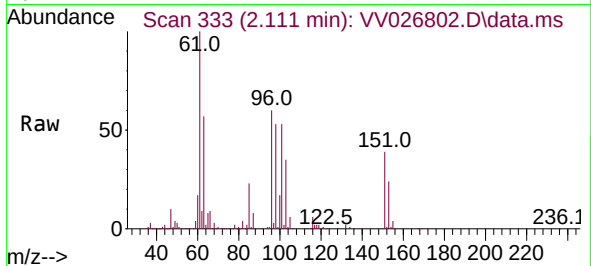




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.393 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.003 min
Lab File: VV026802.D
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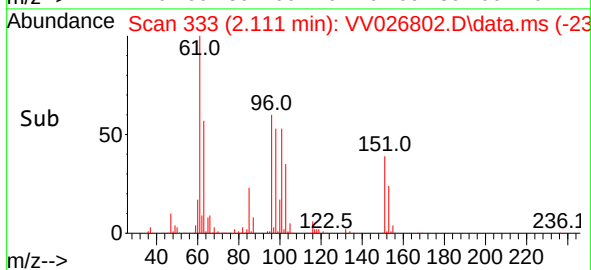
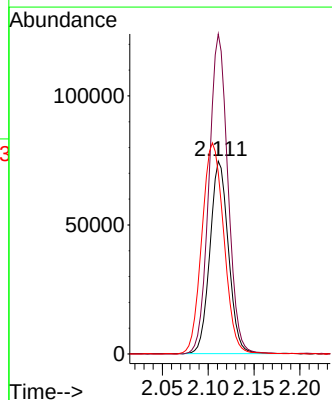
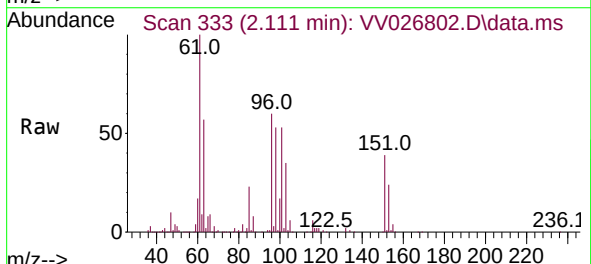
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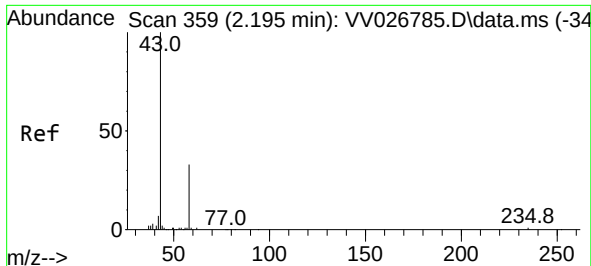
Tgt Ion:101 Resp: 111352
Ion Ratio Lower Upper
101 100
85 42.7 35.0 52.4
151 71.1 56.7 85.1



#12
1,1-Dichloroethene
Concen: 4.267 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.003 min
Lab File: VV026802.D
Acq: 15 Jul 2022 19:52

Tgt Ion: 96 Resp: 104863
Ion Ratio Lower Upper
96 100
61 166.0 118.3 219.7
63 94.0 79.9 148.3

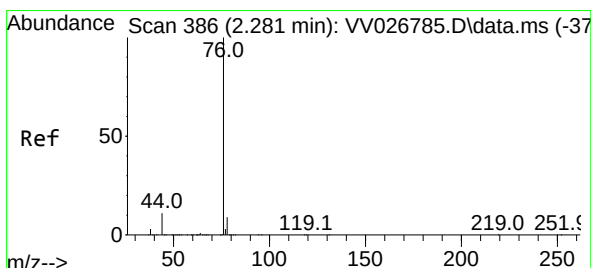
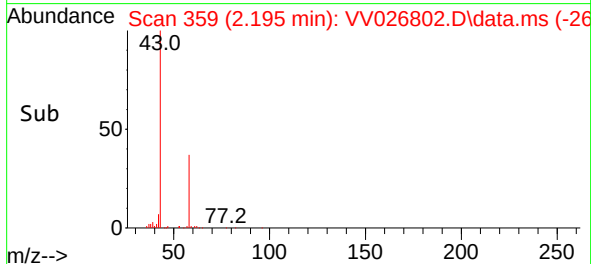
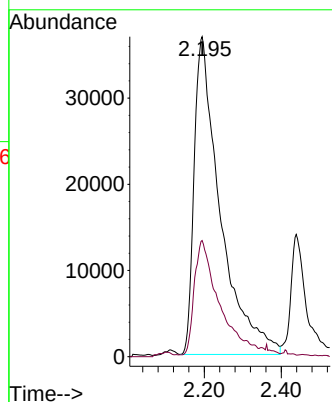
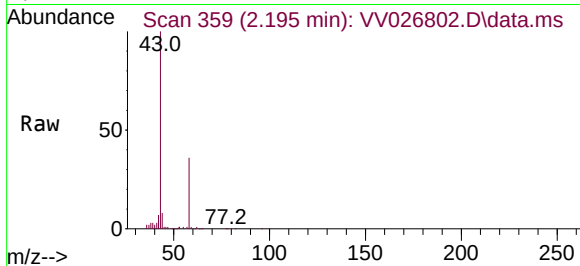




#13
Acetone
Concen: 51.672 ug/L
RT: 2.195 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV026802.D
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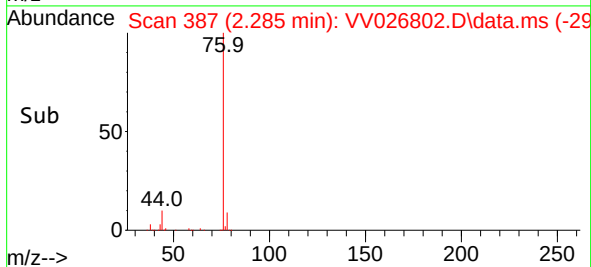
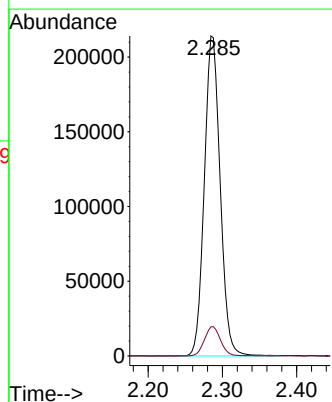
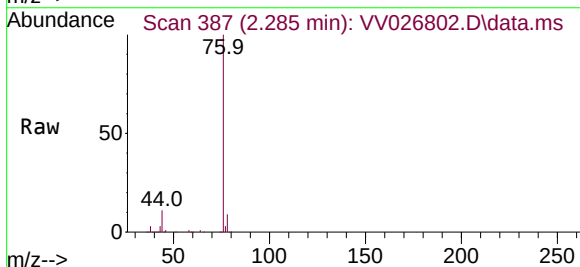
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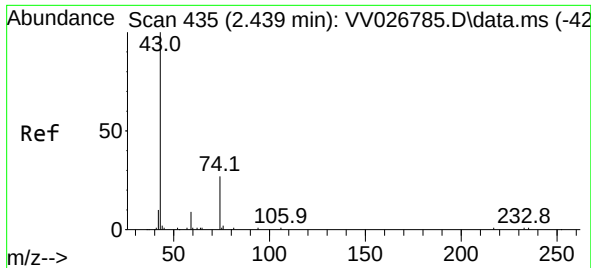
Tgt Ion: 43 Resp: 173500
Ion Ratio Lower Upper
43 100
58 32.4 0.0 20.6#



#14
Carbon disulfide
Concen: 4.374 ug/L
RT: 2.285 min Scan# 387
Delta R.T. 0.003 min
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Tgt Ion: 76 Resp: 316702
Ion Ratio Lower Upper
76 100
78 9.1 7.7 11.5

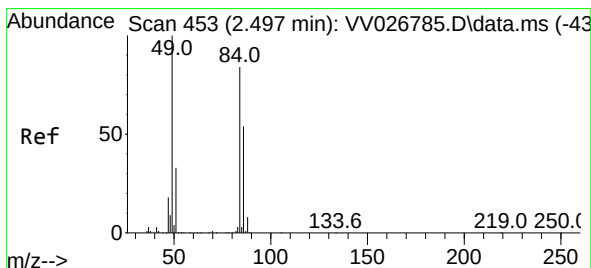
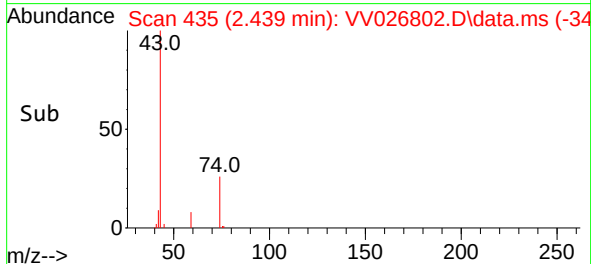
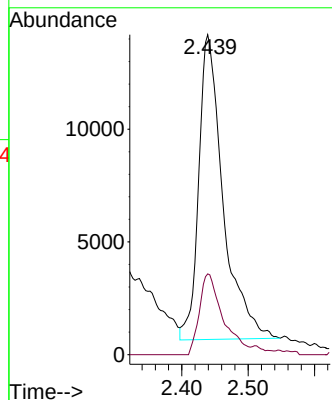
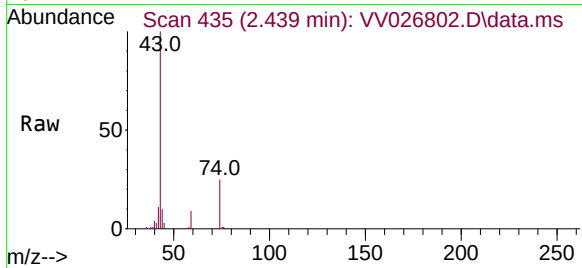




#15
Methyl Acetate
Concen: 5.078 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV026802.D
Acq: 15 Jul 2022 19:52

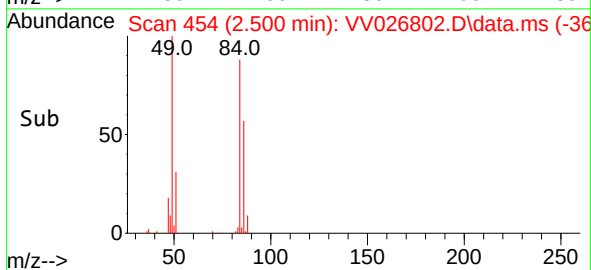
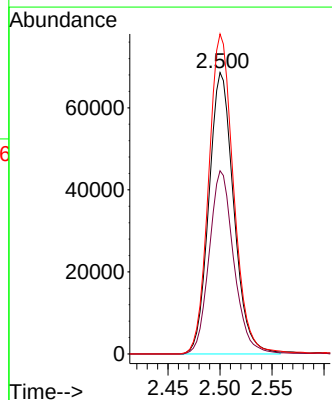
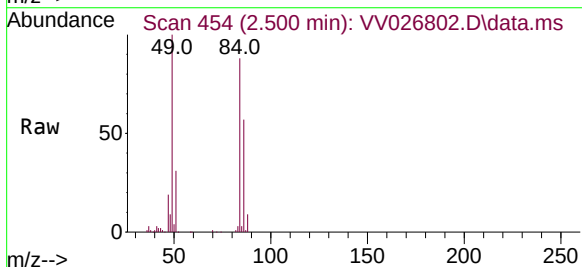
Instrument :
MSVOA_V
ClientSampleId :
H0B39MSD

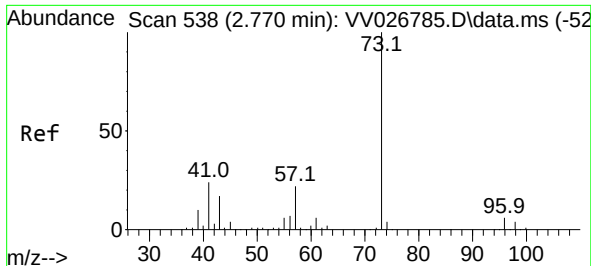
Tgt Ion: 43 Resp: 34486
Ion Ratio Lower Upper
43 100
74 25.6 20.1 30.1



#16
Methylene chloride
Concen: 3.897 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV026802.D
Acq: 15 Jul 2022 19:52

Tgt Ion: 84 Resp: 114091
Ion Ratio Lower Upper
84 100
86 65.1 44.8 83.2
49 113.7 78.7 146.1

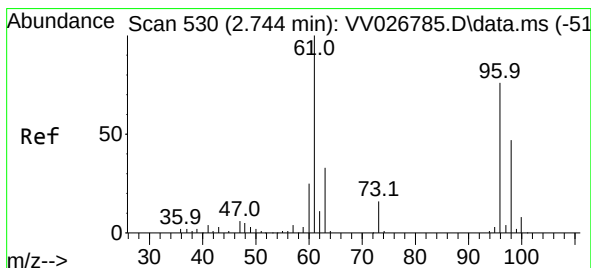
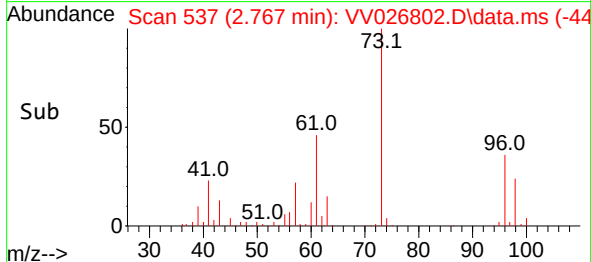
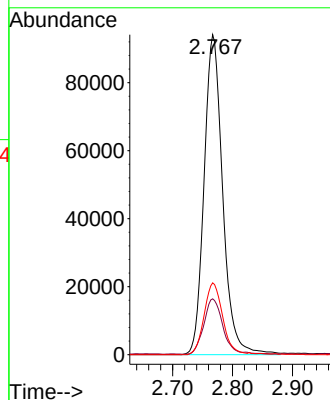
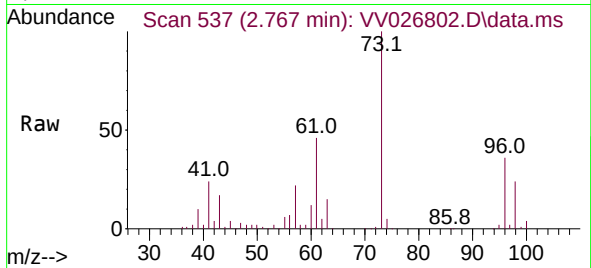




#17
Methyl tert-butyl Ether
Concen: 4.809 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV026802.D
Acq: 15 Jul 2022 19:52

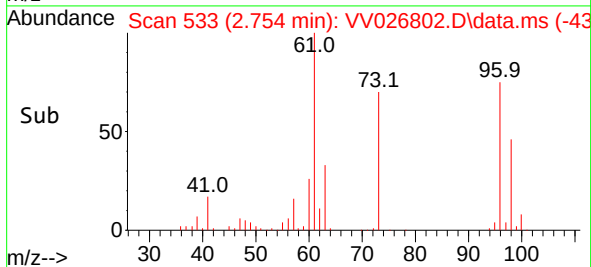
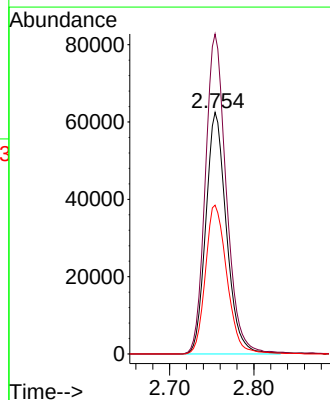
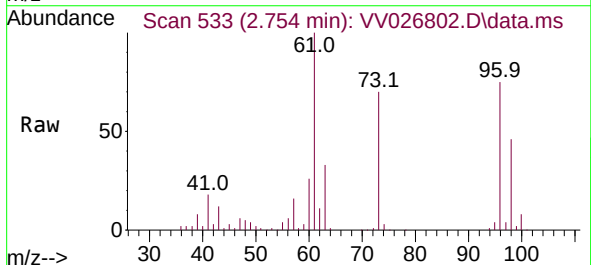
Instrument :
MSVOA_V
ClientSampleId :
H0B39MSD

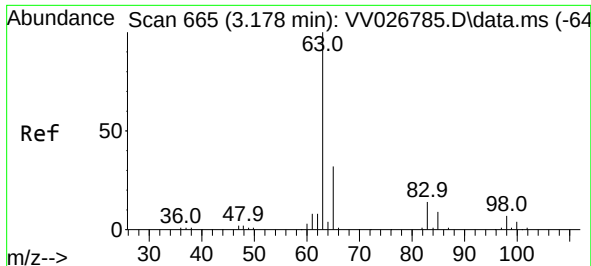
Tgt Ion: 73 Resp: 203597
Ion Ratio Lower Upper
73 100
43 17.4 14.0 21.0
57 22.3 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 4.717 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.010 min
Lab File: VV026802.D
Acq: 15 Jul 2022 19:52

Tgt Ion: 96 Resp: 106543
Ion Ratio Lower Upper
96 100
61 132.5 94.7 175.9
98 61.6 47.4 88.0





#19

1,1-Dichloroethane

Concen: 4.884 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV026802.D

Acq: 15 Jul 2022 19:52

Instrument :

MSVOA_V

ClientSampleId :

H0B39MSD

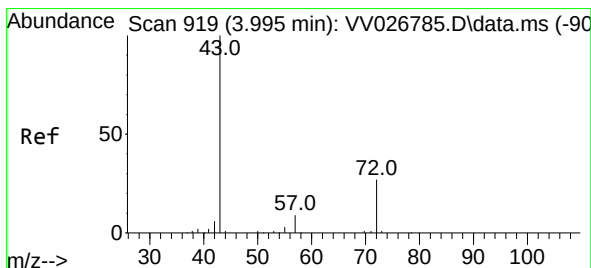
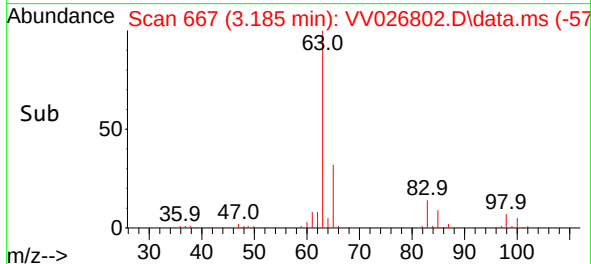
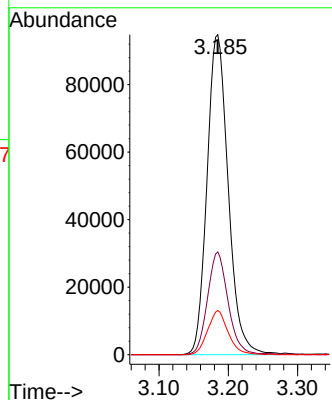
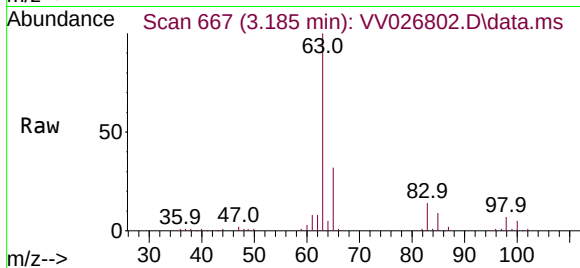
Tgt Ion: 63 Resp: 201434

Ion Ratio Lower Upper

63 100

65 32.1 22.3 41.3

83 13.8 9.9 18.5



#21

2-Butanone

Concen: 54.003 ug/L

RT: 3.985 min Scan# 916

Delta R.T. -0.010 min

Lab File: VV026802.D

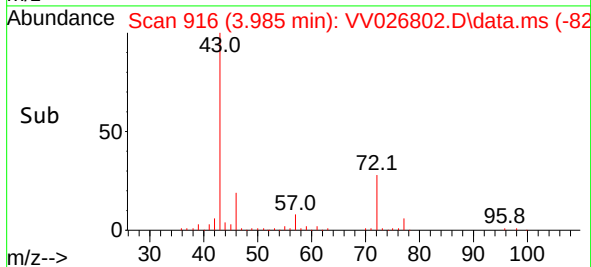
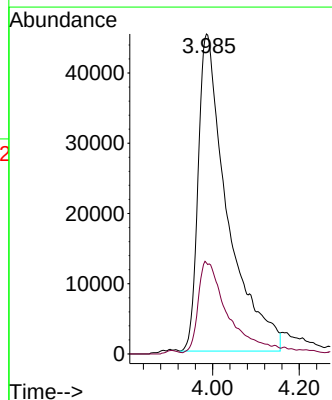
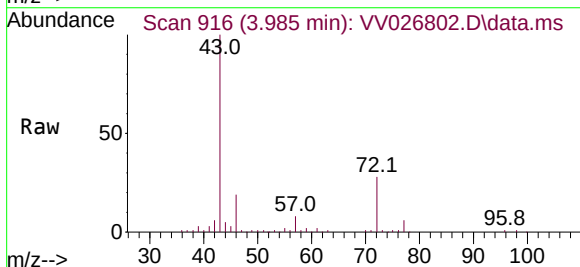
Acq: 15 Jul 2022 19:52

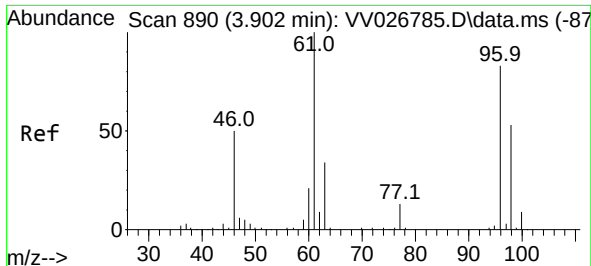
Tgt Ion: 43 Resp: 211468

Ion Ratio Lower Upper

43 100

72 28.4 13.9 41.7

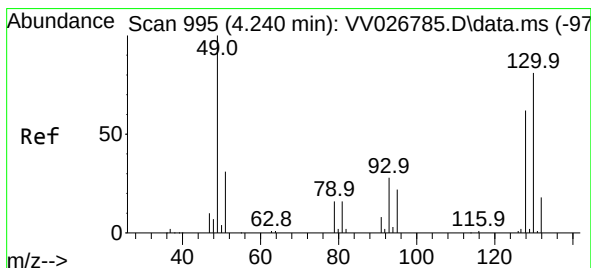
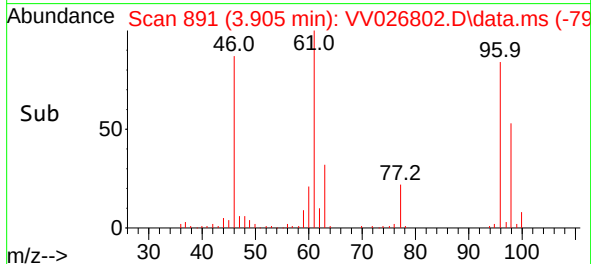
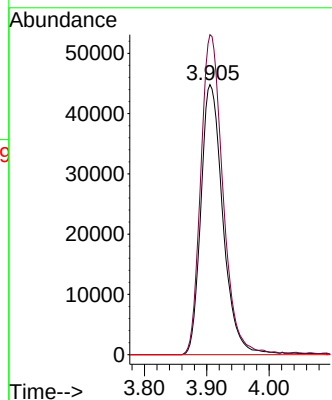
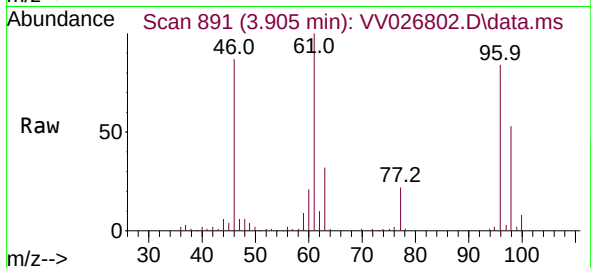




#22
 cis-1,2-Dichloroethene
 Concen: 4.814 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV026802.D
 Acq: 15 Jul 2022 19:52

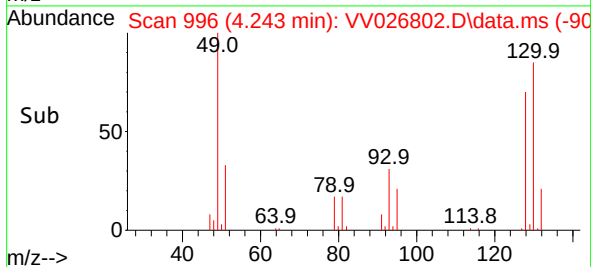
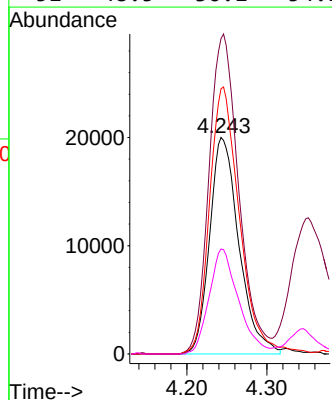
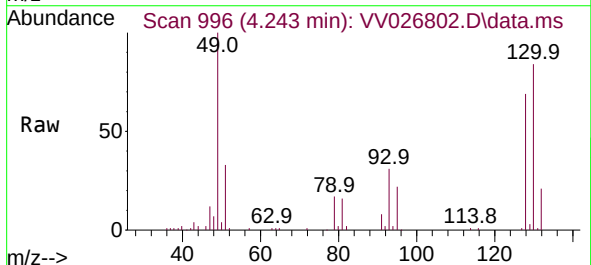
Instrument :
 MSVOA_V
 ClientSampleId :
 H0B39MSD

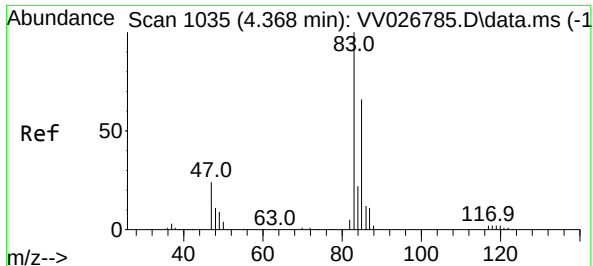
Tgt Ion: 96 Resp: 109666
 Ion Ratio Lower Upper
 96 100
 61 118.5 83.9 155.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.845 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. 0.003 min
 Lab File: VV026802.D
 Acq: 15 Jul 2022 19:52

Tgt Ion: 128 Resp: 50851
 Ion Ratio Lower Upper
 128 100
 49 145.7 107.2 199.2
 130 122.4 87.1 161.7
 51 48.5 36.1 54.1





#25

Chloroform

Concen: 5.162 ug/L

RT: 4.371 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VV026802.D

Acq: 15 Jul 2022 19:52

Instrument :

MSVOA_V

ClientSampleId :

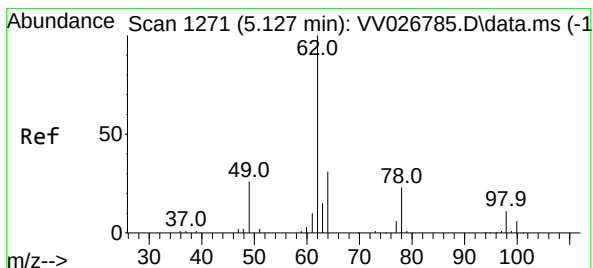
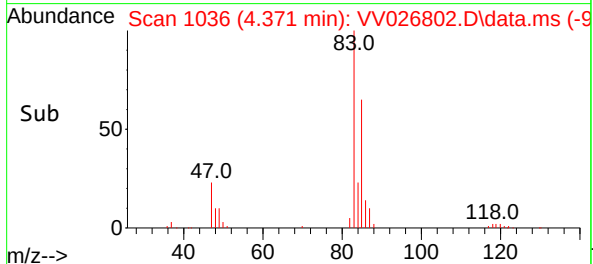
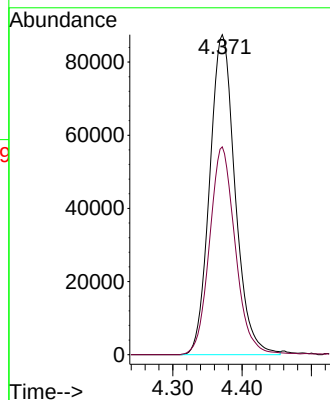
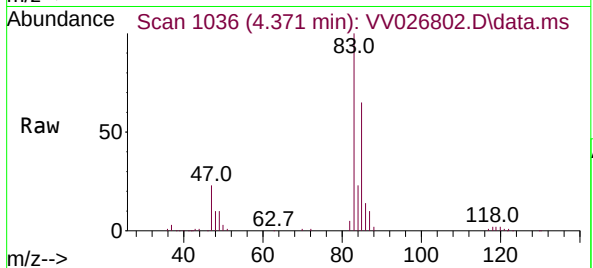
H0B39MSD

Tgt Ion: 83 Resp: 223026

Ion Ratio Lower Upper

83 100

85 64.9 45.7 84.9



#27

1,2-Dichloroethane

Concen: 4.610 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.000 min

Lab File: VV026802.D

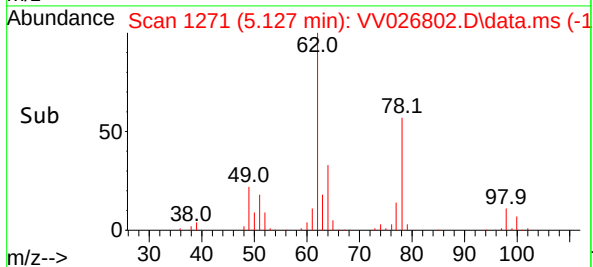
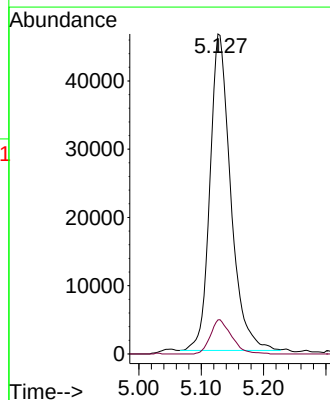
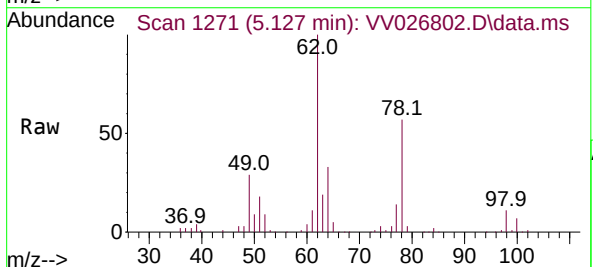
Acq: 15 Jul 2022 19:52

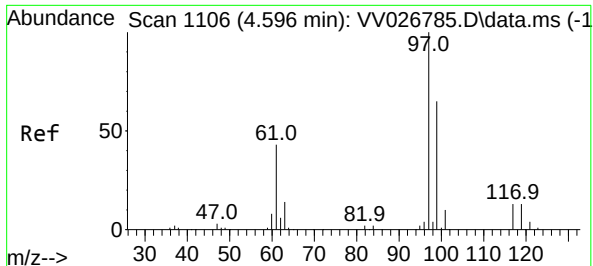
Tgt Ion: 62 Resp: 107296

Ion Ratio Lower Upper

62 100

98 10.6 8.3 12.5





#29

1,1,1-Trichloroethane

Concen: 4.846 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VV026802.D

Acq: 15 Jul 2022 19:52

Instrument :

MSVOA_V

ClientSampleId :

H0B39MSD

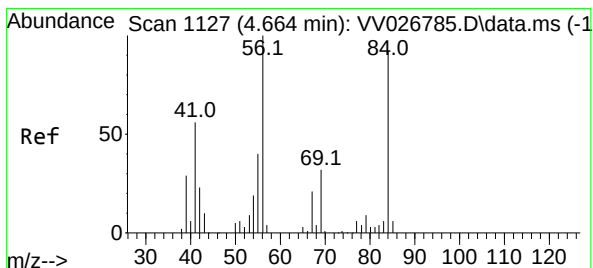
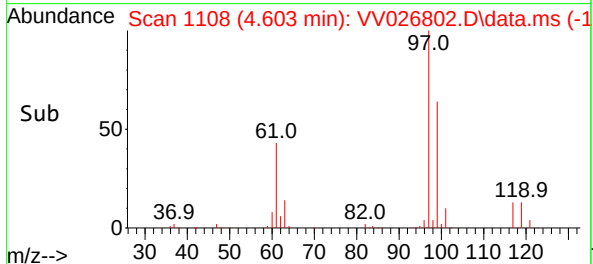
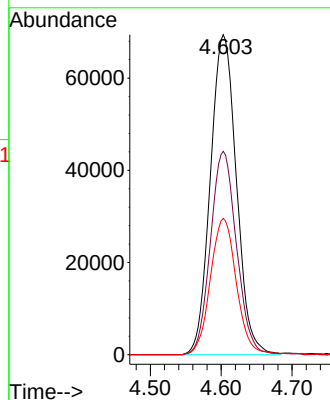
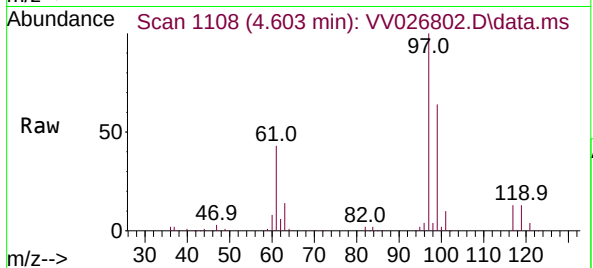
Tgt Ion: 97 Resp: 177009

Ion Ratio Lower Upper

97 100

99 63.8 51.3 76.9

61 42.6 35.1 52.7



#30

Cyclohexane

Concen: 4.711 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VV026802.D

Acq: 15 Jul 2022 19:52

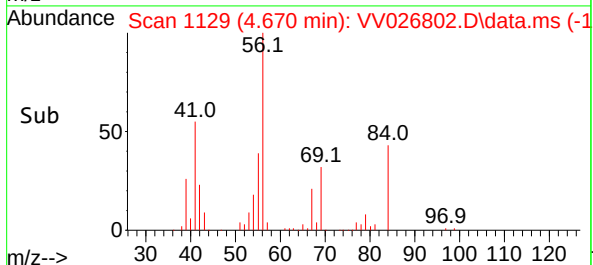
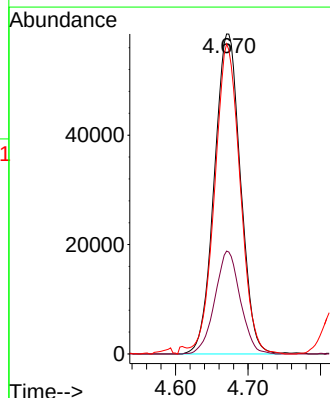
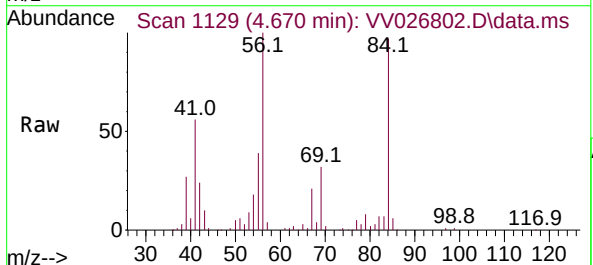
Tgt Ion: 56 Resp: 146614

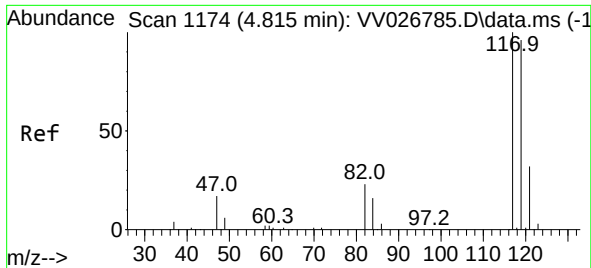
Ion Ratio Lower Upper

56 100

69 31.2 25.1 37.7

84 94.3 74.0 111.0

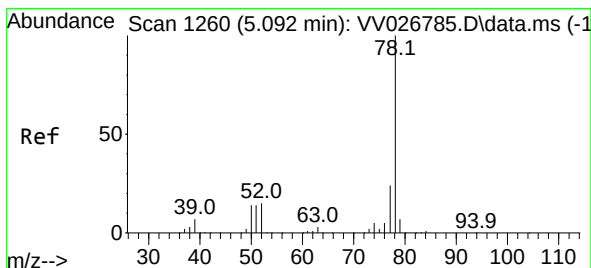
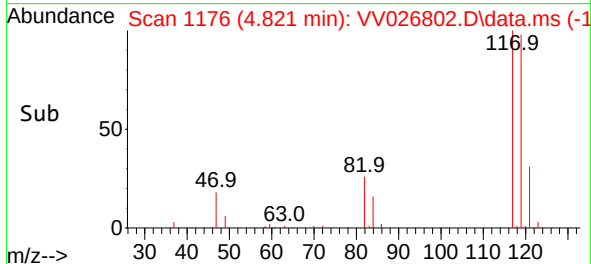
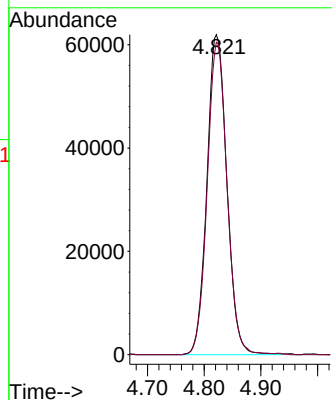
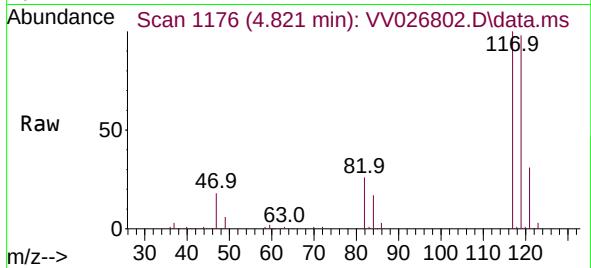




#31
Carbon tetrachloride
Concen: 4.703 ug/L
RT: 4.821 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VV026802.D
Acq: 15 Jul 2022 19:52

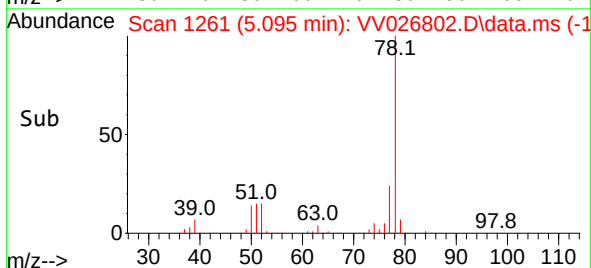
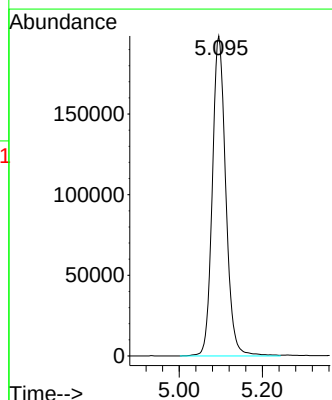
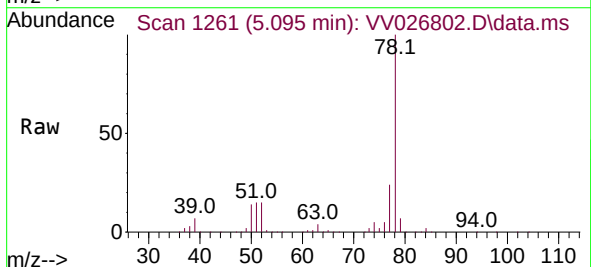
Instrument :
MSVOA_V
ClientSampleId :
H0B39MSD

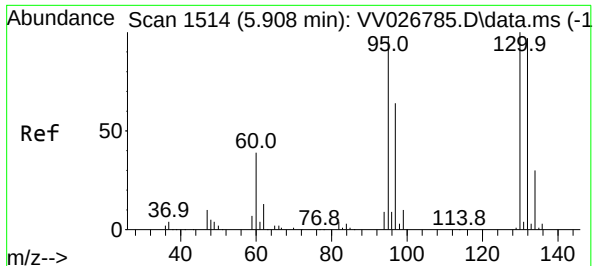
Tgt Ion:117 Resp: 151703
Ion Ratio Lower Upper
117 100
119 96.9 75.1 112.7



#33
Benzene
Concen: 4.917 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VV026802.D
Acq: 15 Jul 2022 19:52

Tgt Ion: 78 Resp: 445555



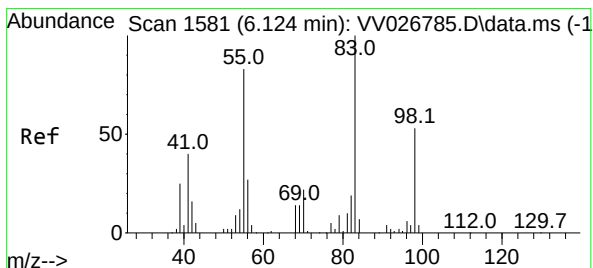
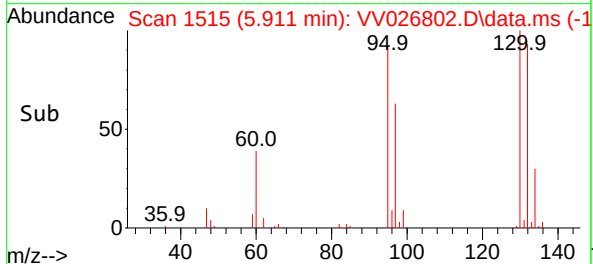
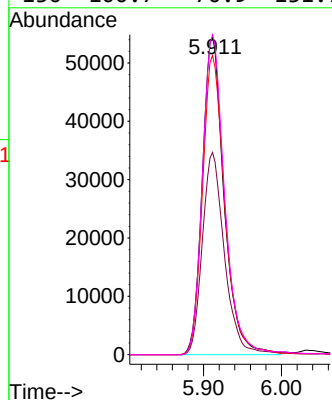
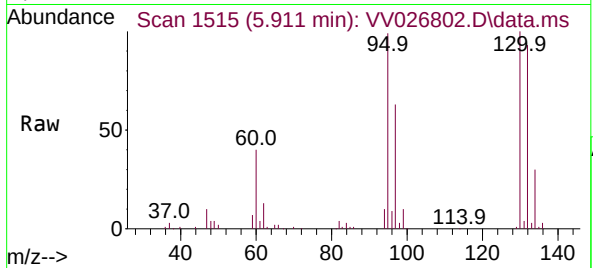


#34
Trichloroethene
Concen: 4.750 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV026802.D
Acq: 15 Jul 2022 19:52

Instrument :
MSVOA_V
ClientSampleId :
H0B39MSD

Tgt Ion: 95 Resp: 105790

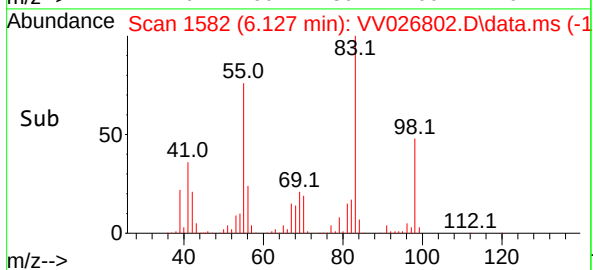
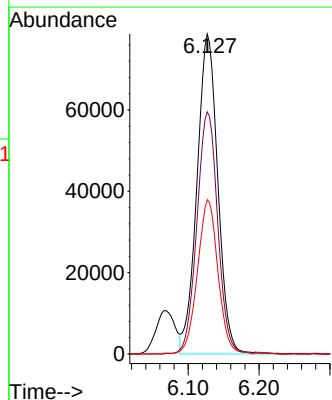
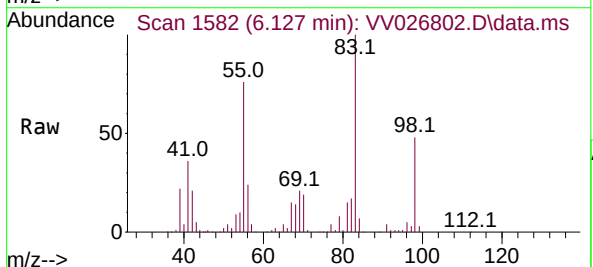
Ion	Ratio	Lower	Upper
95	100		
97	63.6	44.6	82.8
132	94.1	70.2	130.4
130	100.7	70.9	131.7

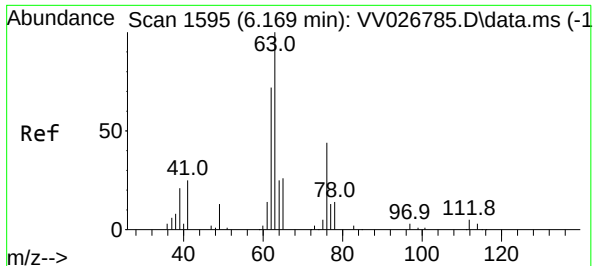


#35
Methylcyclohexane
Concen: 4.734 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.003 min
Lab File: VV026802.D
Acq: 15 Jul 2022 19:52

Tgt Ion: 83 Resp: 160929

Ion	Ratio	Lower	Upper
83	100		
55	75.7	59.5	89.3
98	47.3	38.3	57.5





#37

1,2-Dichloropropane

Concen: 5.101 ug/L

RT: 6.172 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV026802.D

Acq: 15 Jul 2022 19:52

Instrument :

MSVOA_V

ClientSampleId :

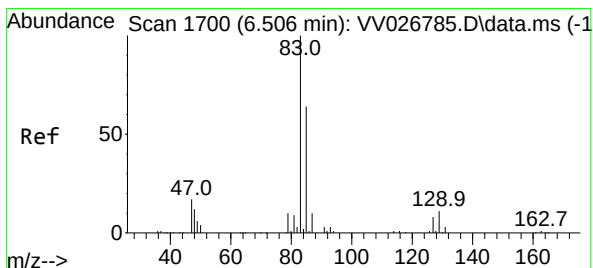
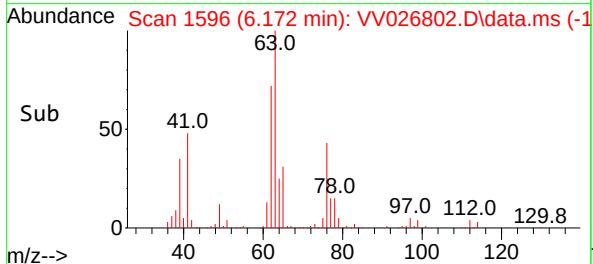
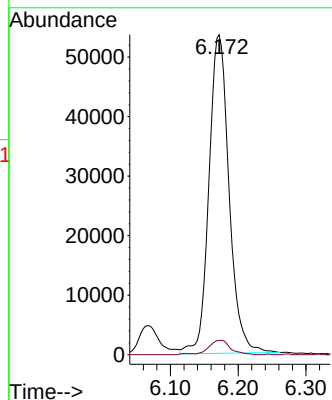
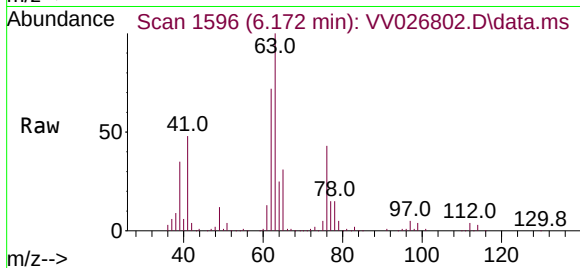
H0B39MSD

Tgt Ion: 63 Resp: 110524

Ion Ratio Lower Upper

63 100

112 4.7 4.2 6.2



#38

Bromodichloromethane

Concen: 4.934 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VV026802.D

Acq: 15 Jul 2022 19:52

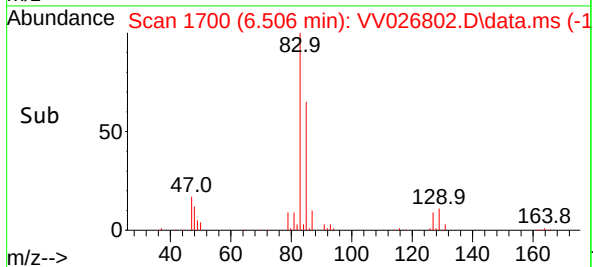
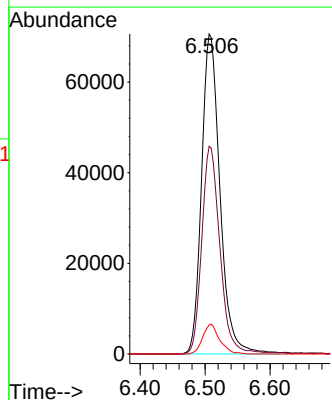
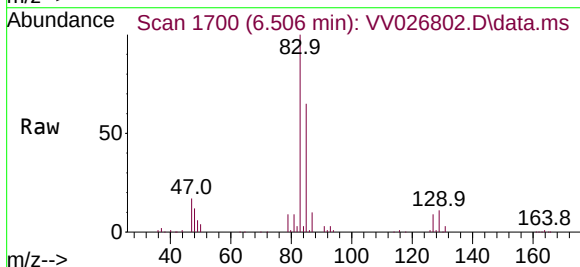
Tgt Ion: 83 Resp: 139390

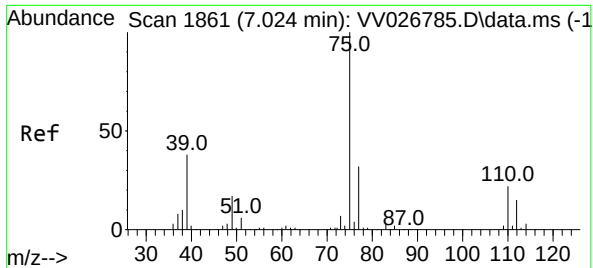
Ion Ratio Lower Upper

83 100

85 64.9 45.4 84.4

127 9.0 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 4.704 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV026802.D

Acq: 15 Jul 2022 19:52

Instrument :

MSVOA_V

ClientSampleId :

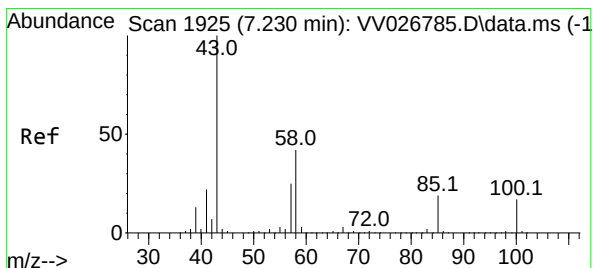
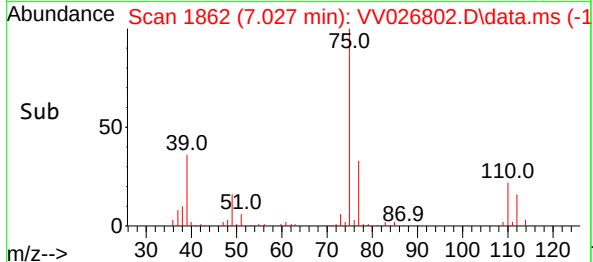
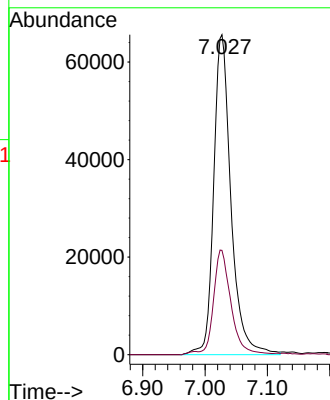
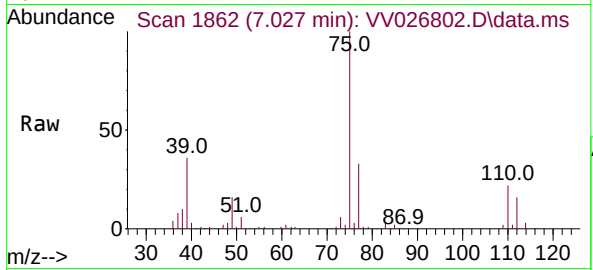
H0B39MSD

Tgt Ion: 75 Resp: 126666

Ion Ratio Lower Upper

75 100

77 32.6 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 52.942 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. -0.003 min

Lab File: VV026802.D

Acq: 15 Jul 2022 19:52

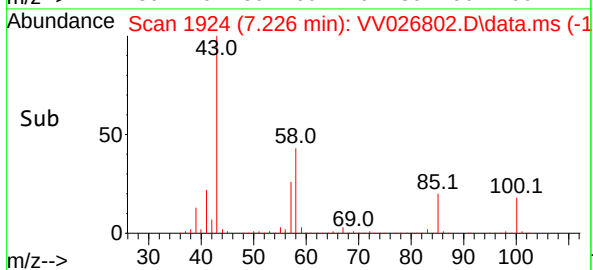
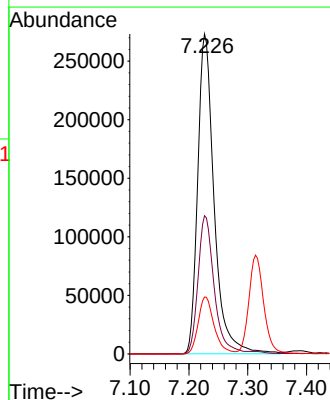
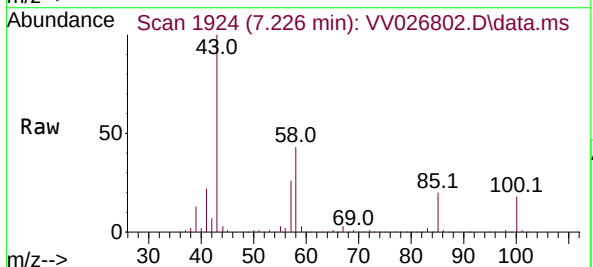
Tgt Ion: 43 Resp: 529892

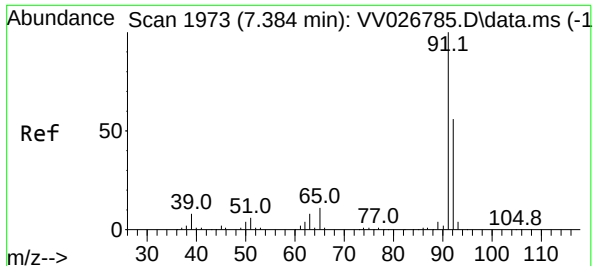
Ion Ratio Lower Upper

43 100

58 43.3 34.6 51.8

100 17.3 13.6 20.4





#42

Toluene

Concen: 5.053 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VV026802.D

Acq: 15 Jul 2022 19:52

Instrument :

MSVOA_V

ClientSampleId :

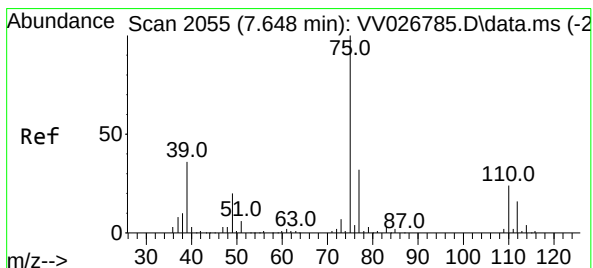
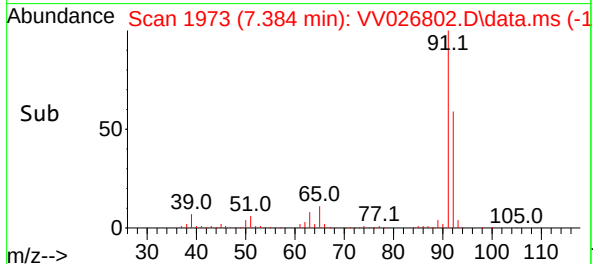
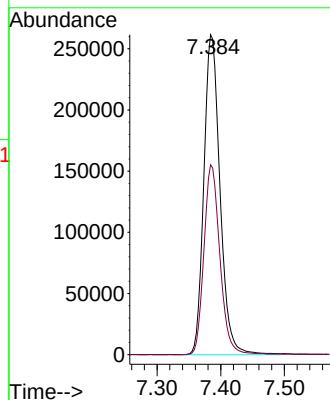
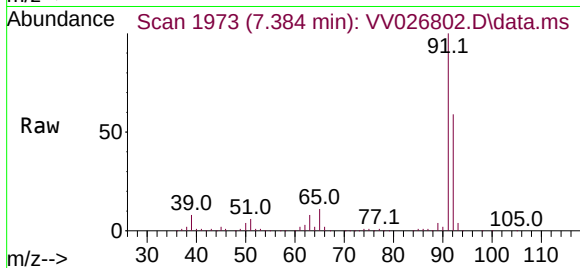
H0B39MSD

Tgt Ion: 91 Resp: 462464

Ion Ratio Lower Upper

91 100

92 59.3 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 4.964 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV026802.D

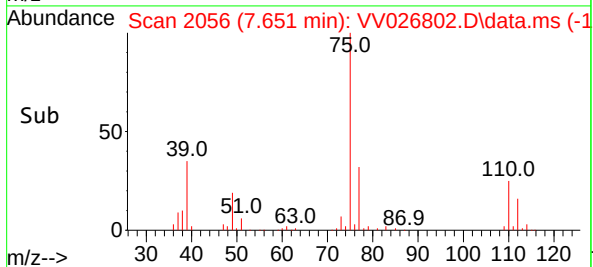
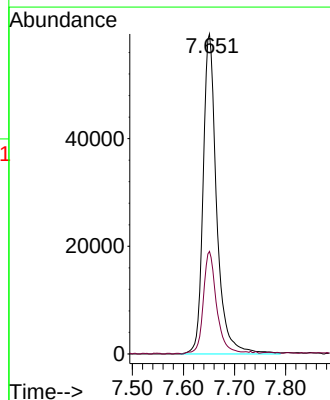
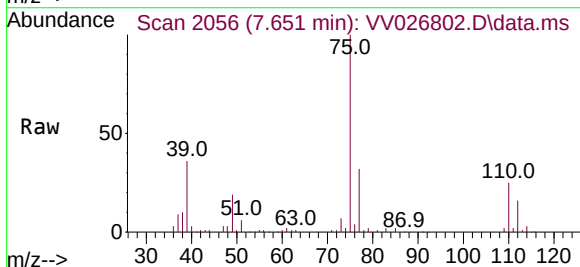
Acq: 15 Jul 2022 19:52

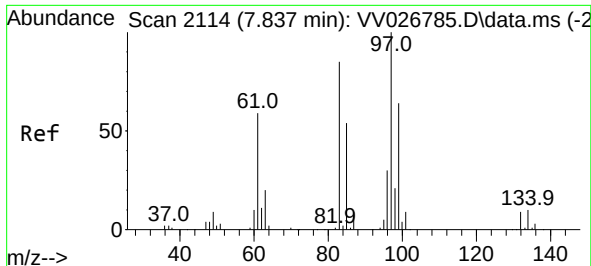
Tgt Ion: 75 Resp: 109760

Ion Ratio Lower Upper

75 100

77 32.0 22.7 42.3

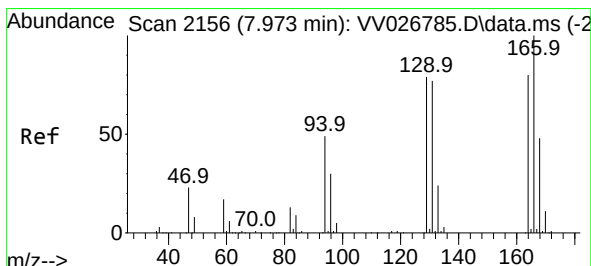
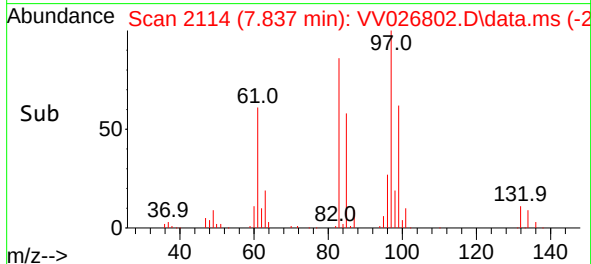
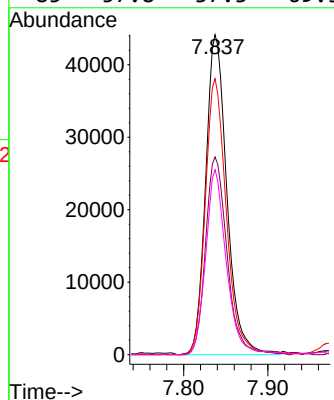
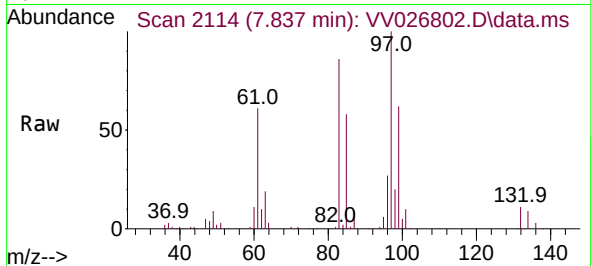




#45
1,1,2-Trichloroethane
Concen: 4.891 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. -0.000 min
Lab File: VV026802.D
Acq: 15 Jul 2022 19:52

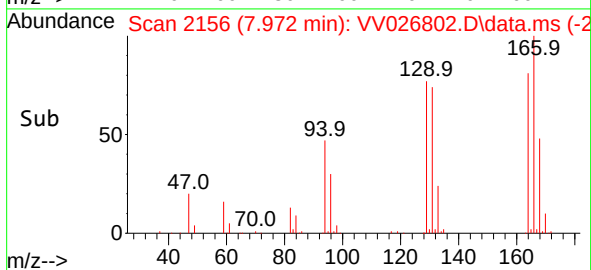
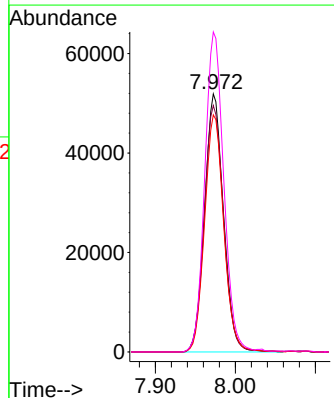
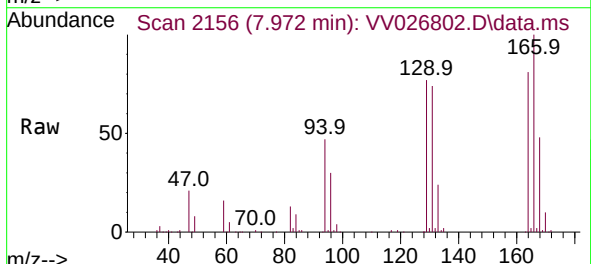
Instrument :
MSVOA_V
ClientSampleId :
H0B39MSD

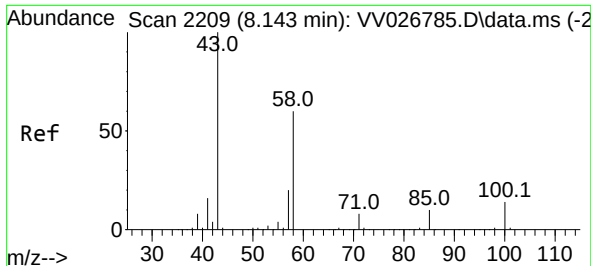
Tgt Ion: 97	Resp: 77474
Ion Ratio	Lower Upper
97 100	
99 61.8	41.9 77.9
83 86.3	58.1 107.9
85 57.8	37.3 69.3



#47
Tetrachloroethene
Concen: 4.901 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV026802.D
Acq: 15 Jul 2022 19:52

Tgt	Ion:164	Resp:	85603
Ion	Ratio	Lower	Upper
164	100		
129	95.5	67.8	125.8
131	91.9	65.9	122.5
166	124.0	88.8	164.8



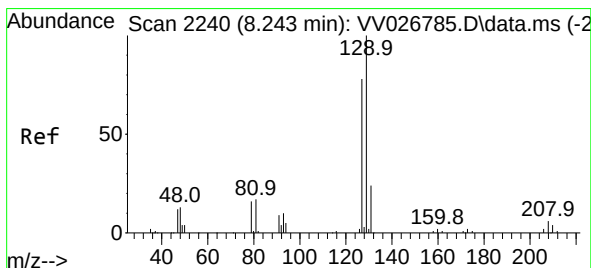
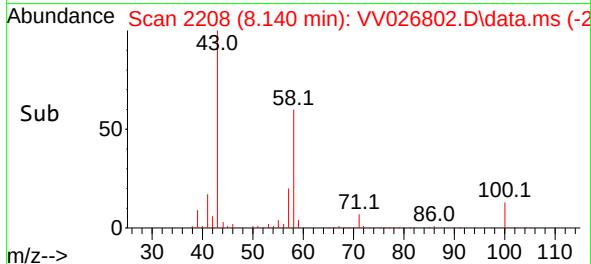
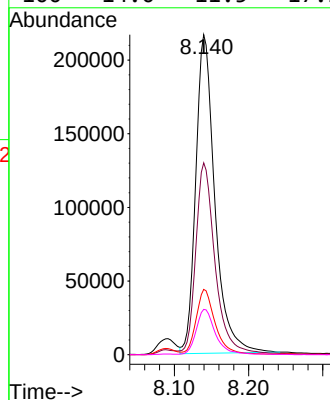
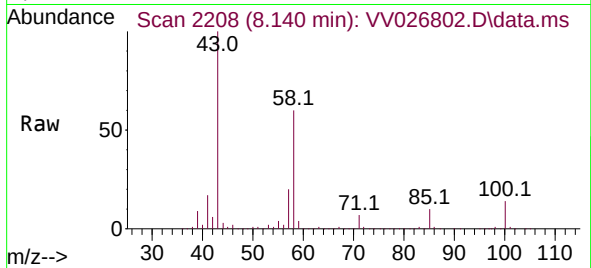


#48
2-Hexanone
Concen: 53.529 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV026802.D
Acq: 15 Jul 2022 19:52

Instrument :
MSVOA_V
ClientSampleId :
H0B39MSD

Tgt Ion: 43 Resp: 387762

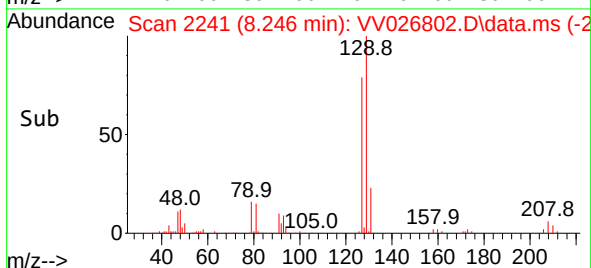
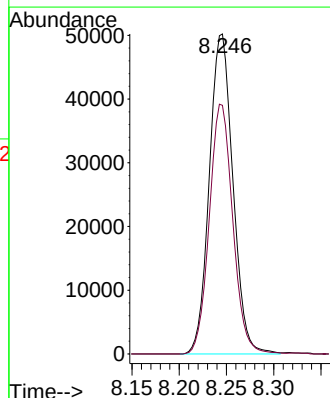
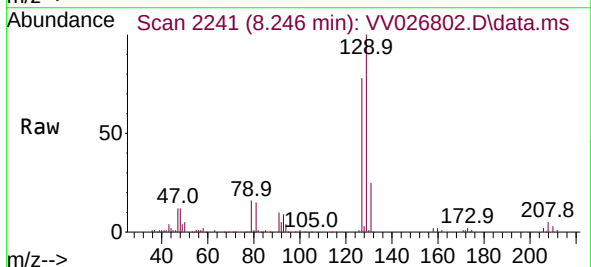
Ion	Ratio	Lower	Upper
43	100		
58	61.0	47.9	71.9
57	20.4	16.3	24.5
100	14.0	11.5	17.3

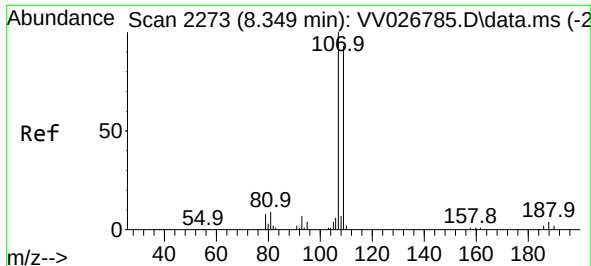


#49
Dibromochloromethane
Concen: 4.781 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV026802.D
Acq: 15 Jul 2022 19:52

Tgt Ion: 129 Resp: 87267

Ion	Ratio	Lower	Upper
129	100		
127	77.7	55.7	103.5





#50

1,2-Dibromoethane

Concen: 4.981 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV026802.D

Acq: 15 Jul 2022 19:52

Instrument :

MSVOA_V

ClientSampleId :

H0B39MSD

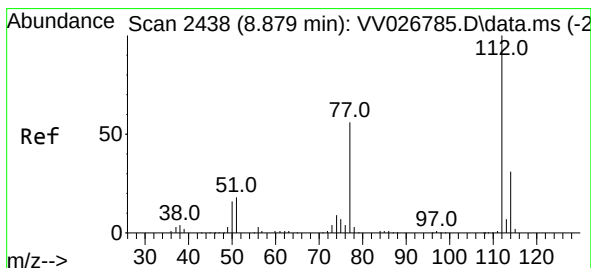
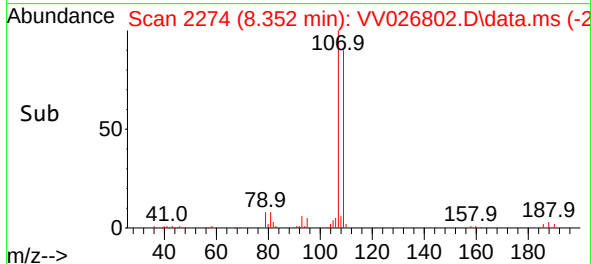
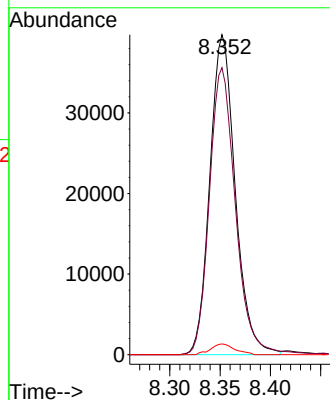
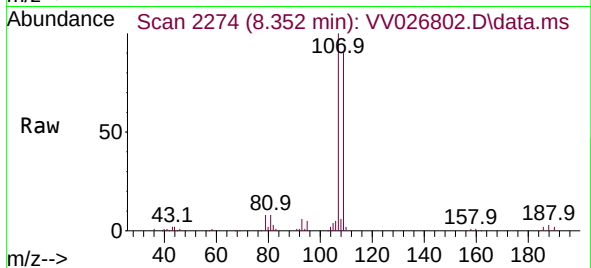
Tgt Ion:107 Resp: 69816

Ion Ratio Lower Upper

107 100

109 89.7 68.0 126.4

188 3.4 2.8 4.2



#51

Chlorobenzene

Concen: 4.931 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV026802.D

Acq: 15 Jul 2022 19:52

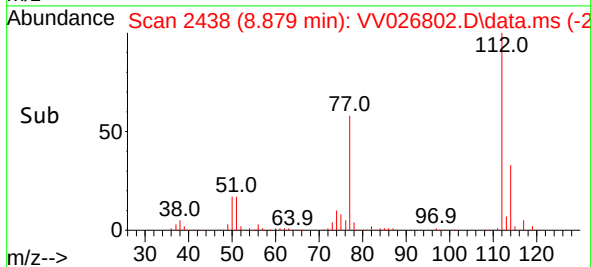
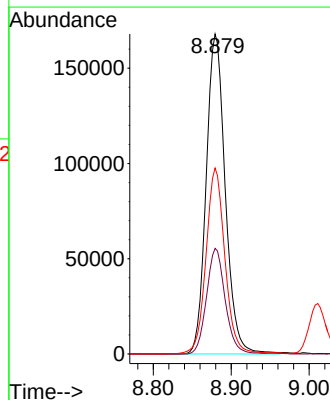
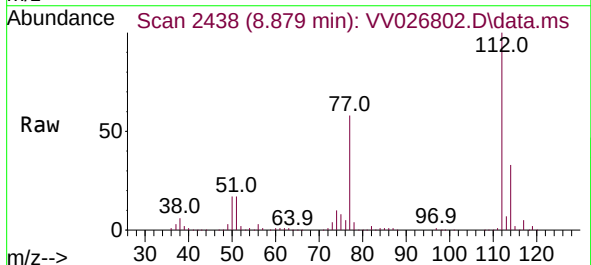
Tgt Ion:112 Resp: 285331

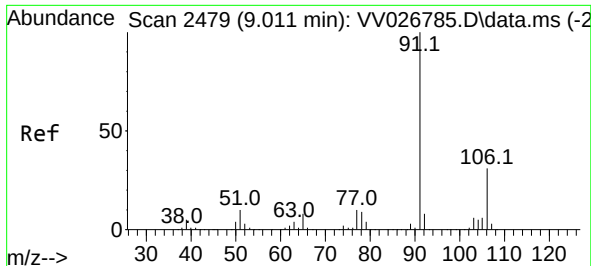
Ion Ratio Lower Upper

112 100

114 33.0 22.7 42.1

77 58.1 46.6 70.0





#52

Ethylbenzene

Concen: 4.802 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. -0.000 min

Lab File: VV026802.D

Acq: 15 Jul 2022 19:52

Instrument :

MSVOA_V

ClientSampleId :

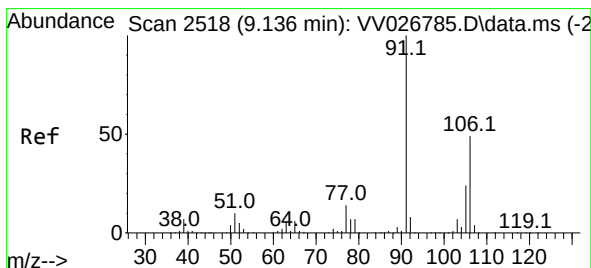
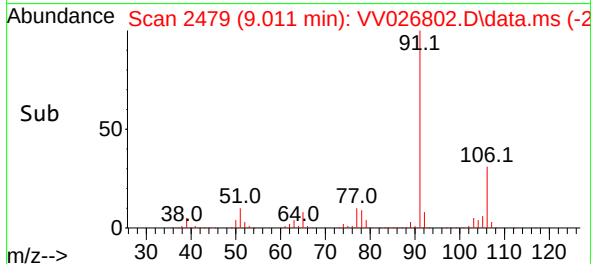
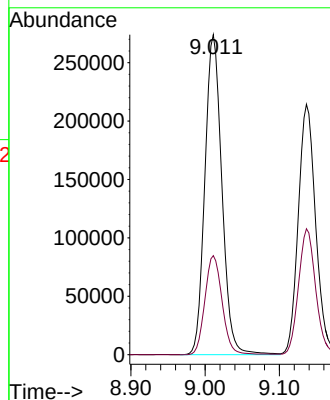
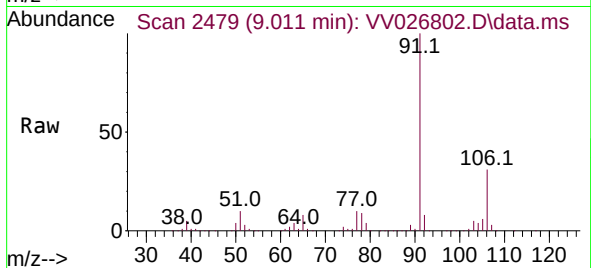
H0B39MSD

Tgt Ion: 91 Resp: 434934

Ion Ratio Lower Upper

91 100

106 31.0 21.6 40.2



#53

m,p-Xylene

Concen: 4.878 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.000 min

Lab File: VV026802.D

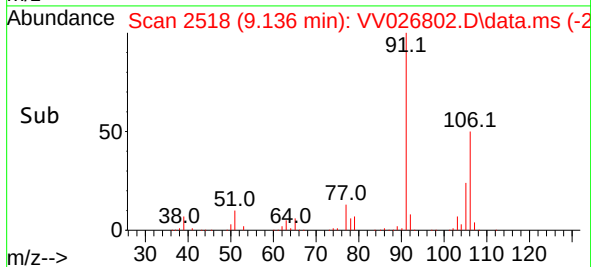
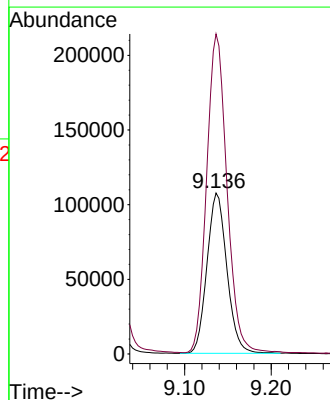
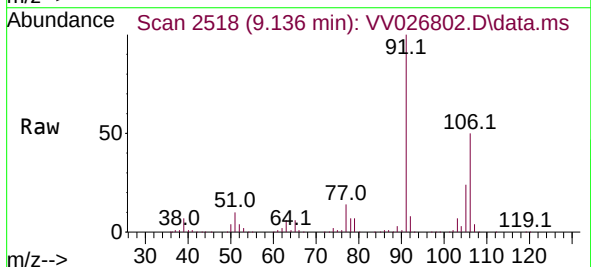
Acq: 15 Jul 2022 19:52

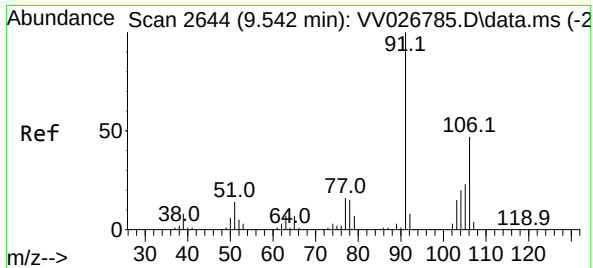
Tgt Ion: 106 Resp: 171801

Ion Ratio Lower Upper

106 100

91 198.9 139.3 258.7

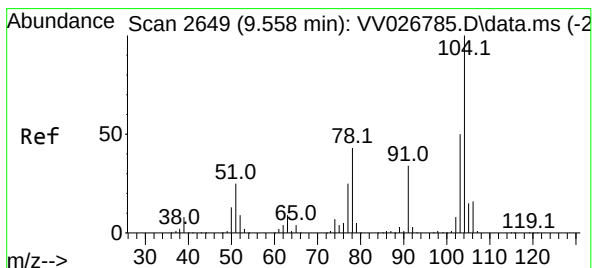
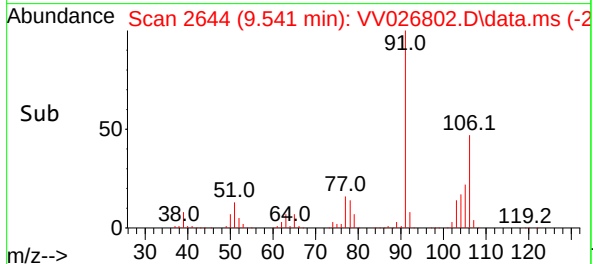
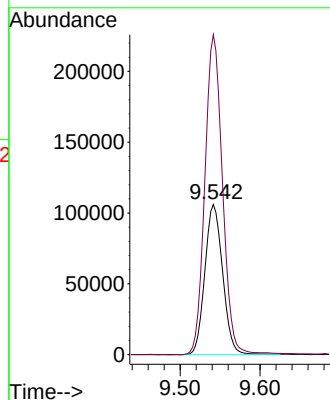
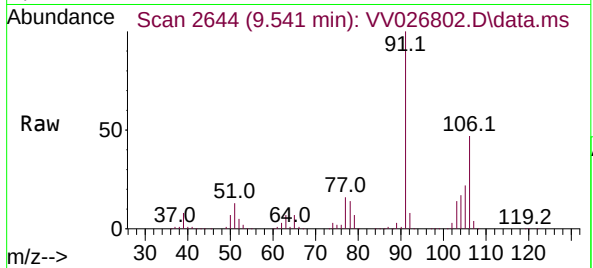




#54
o-Xylene
Concen: 4.918 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV026802.D
Acq: 15 Jul 2022 19:52

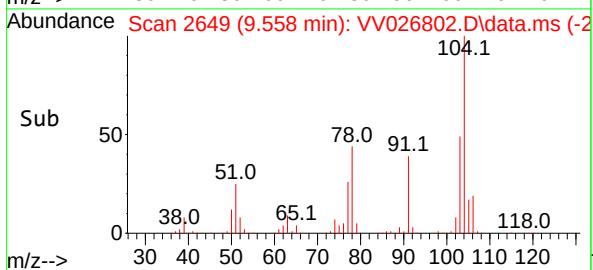
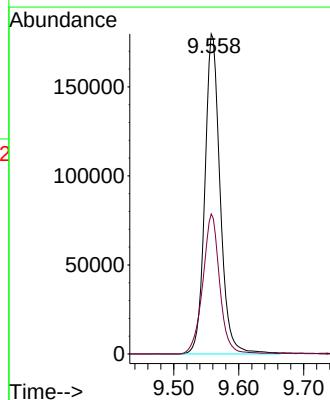
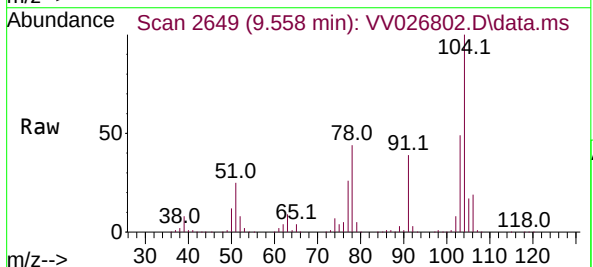
Instrument :
MSVOA_V
ClientSampleId :
H0B39MSD

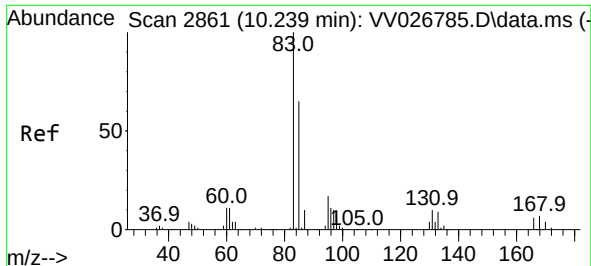
Tgt Ion:106 Resp: 164591
Ion Ratio Lower Upper
106 100
91 212.9 151.1 280.7



#55
Styrene
Concen: 5.029 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV026802.D
Acq: 15 Jul 2022 19:52

Tgt Ion:104 Resp: 294949
Ion Ratio Lower Upper
104 100
78 43.8 29.5 54.9

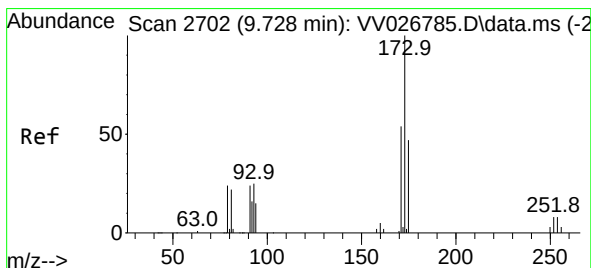
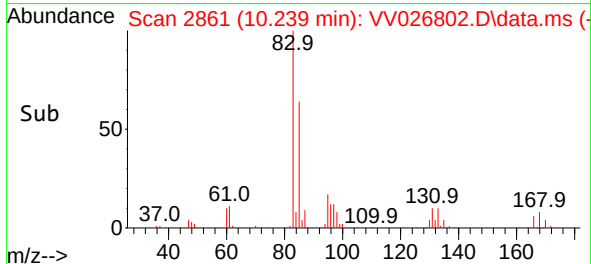
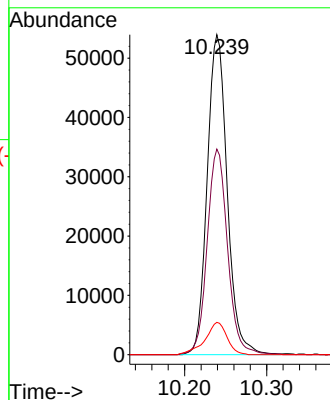
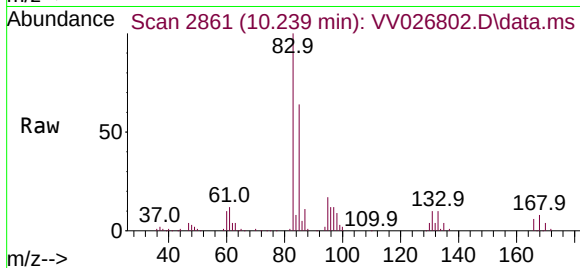




#57
1,1,2,2-Tetrachloroethane
Concen: 4.881 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV026802.D
Acq: 15 Jul 2022 19:52

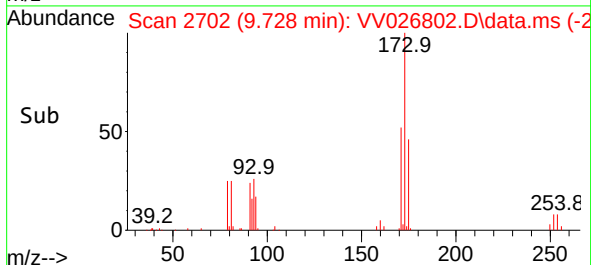
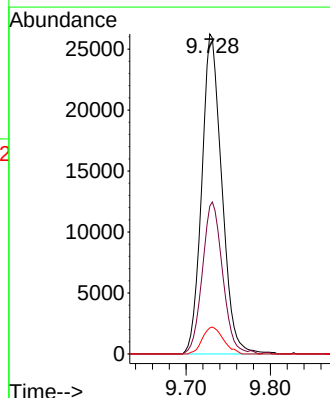
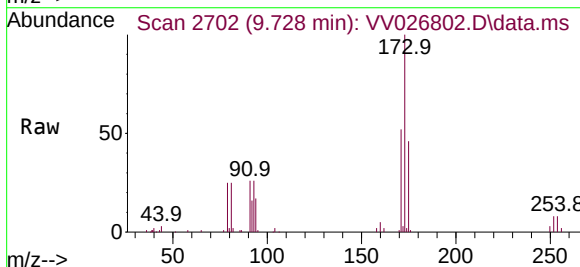
Instrument : MSVOA_V
ClientSampleId : H0B39MSD

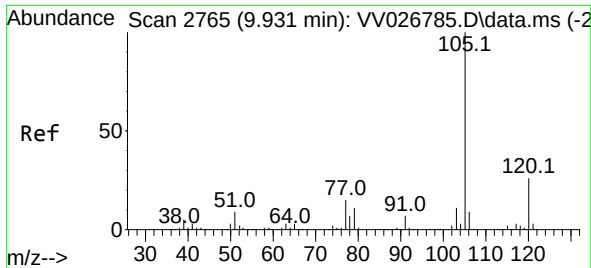
Tgt Ion: 83 Resp: 91513
Ion Ratio Lower Upper
83 100
85 64.2 43.6 81.0
131 10.1 7.4 11.2



#59
Bromoform
Concen: 4.706 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. -0.000 min
Lab File: VV026802.D
Acq: 15 Jul 2022 19:52

Tgt Ion: 173 Resp: 43501
Ion Ratio Lower Upper
173 100
175 48.0 40.7 61.1
254 8.8 6.5 9.7

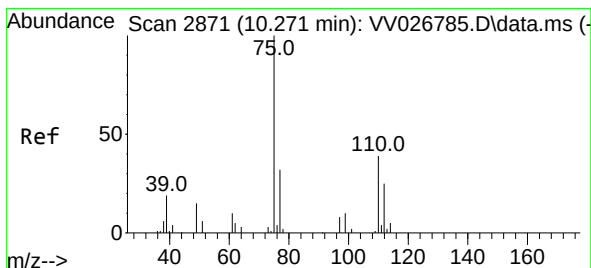
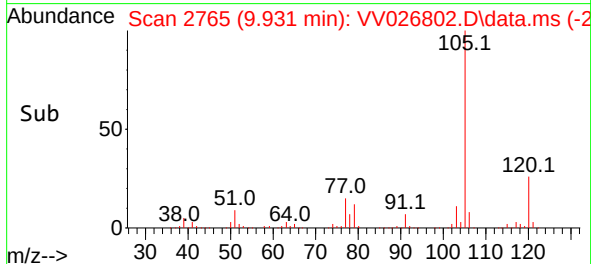
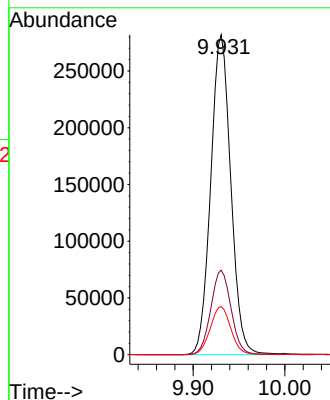
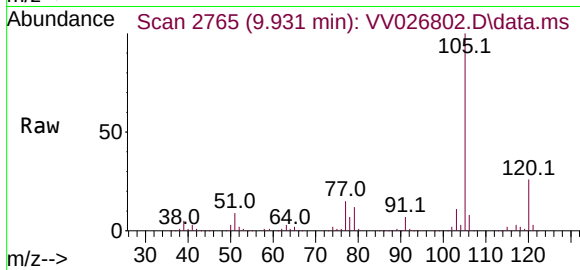




#60
Isopropylbenzene
Concen: 4.772 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV026802.D
Acq: 15 Jul 2022 19:52

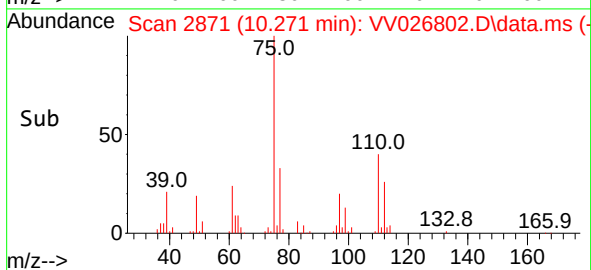
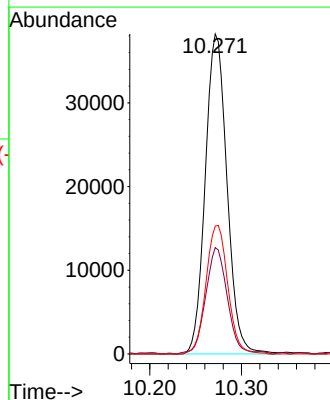
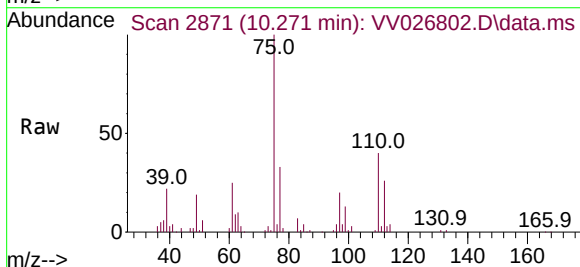
Instrument :
MSVOA_V
ClientSampleId :
H0B39MSD

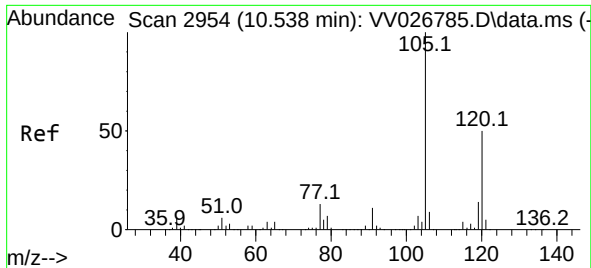
Tgt Ion:105 Resp: 428865
Ion Ratio Lower Upper
105 100
120 26.8 20.7 31.1
77 15.6 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 4.732 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV026802.D
Acq: 15 Jul 2022 19:52

Tgt Ion: 75 Resp: 62879
Ion Ratio Lower Upper
75 100
77 33.3 25.4 38.0
110 40.3 31.8 47.6

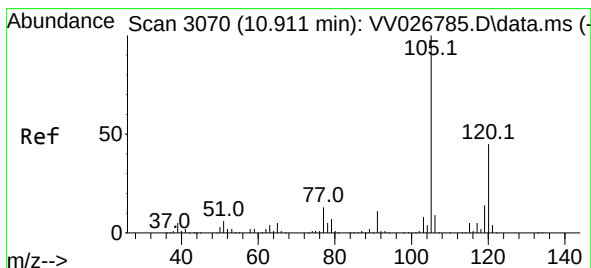
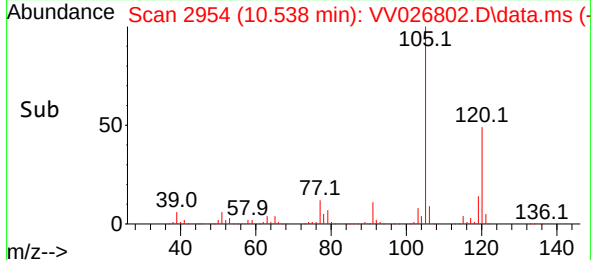
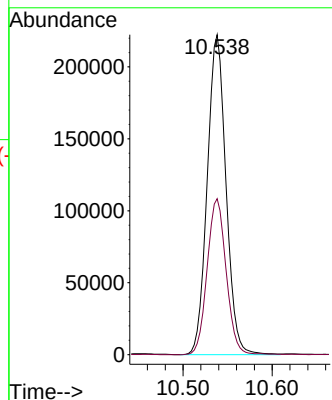
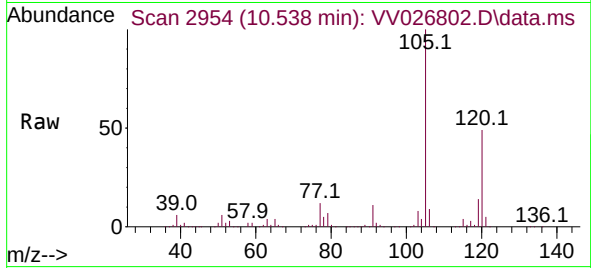




#62
 1,3,5-Trimethylbenzene
 Concen: 4.547 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.000 min
 Lab File: VV026802.D
 Acq: 15 Jul 2022 19:52

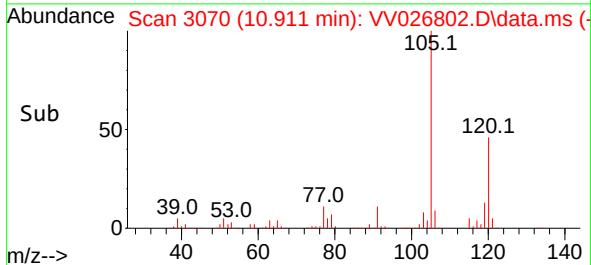
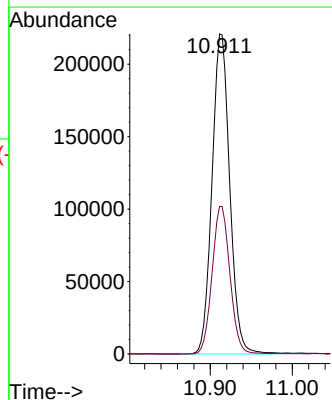
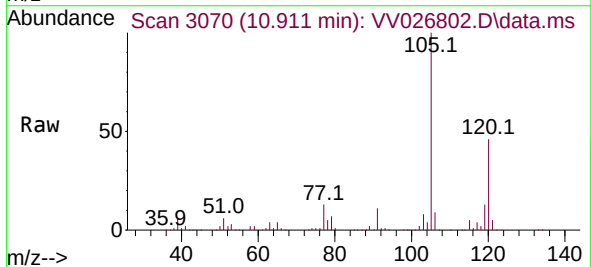
Instrument :
 MSVOA_V
 ClientSampleId :
 H0B39MSD

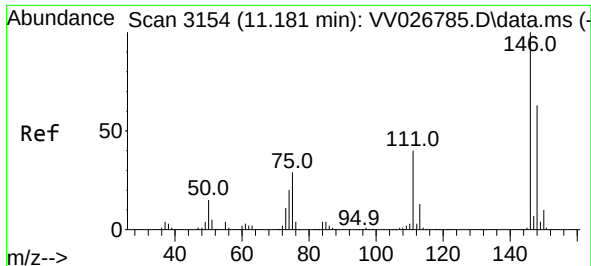
Tgt Ion:105 Resp: 325065
 Ion Ratio Lower Upper
 105 100
 120 49.4 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 4.570 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. -0.000 min
 Lab File: VV026802.D
 Acq: 15 Jul 2022 19:52

Tgt Ion:105 Resp: 331788
 Ion Ratio Lower Upper
 105 100
 120 46.4 36.8 55.2

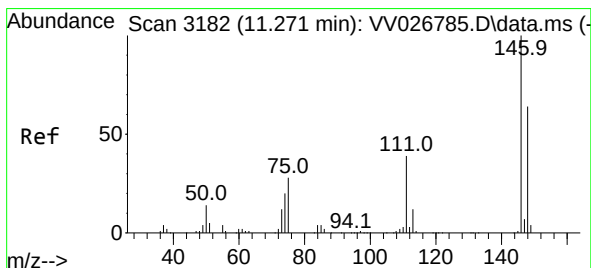
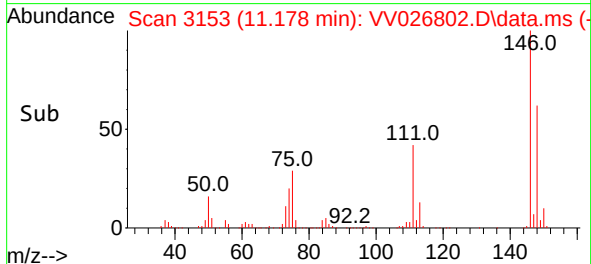
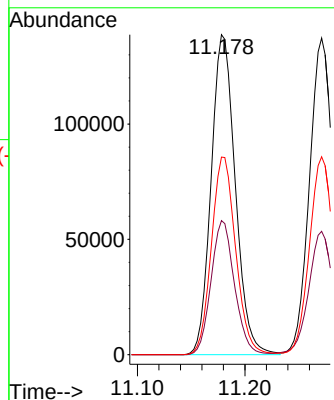
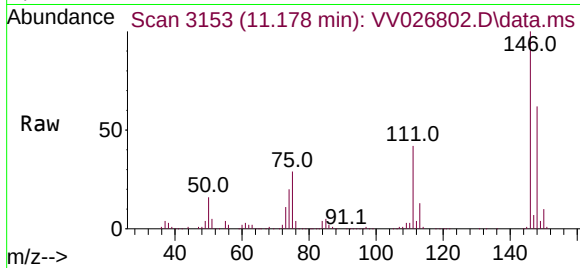




#64
1,3-Dichlorobenzene
Concen: 4.920 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.003 min
Lab File: VV026802.D
Acq: 15 Jul 2022 19:52

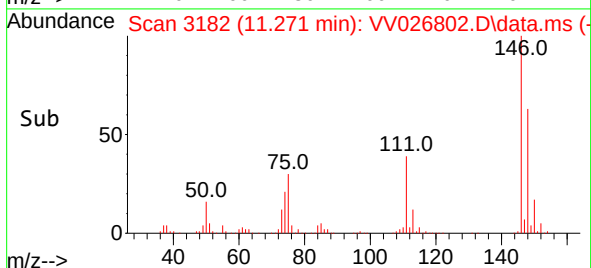
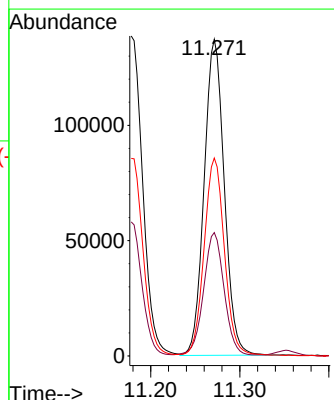
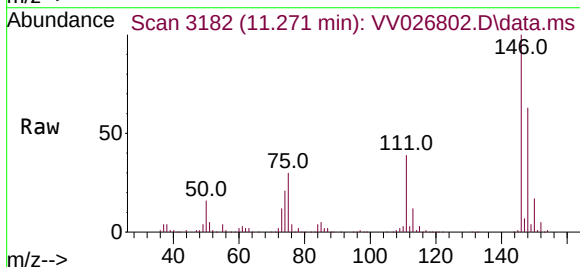
Instrument :
MSVOA_V
ClientSampleId :
H0B39MSD

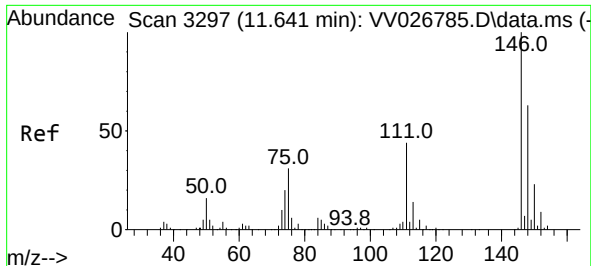
Tgt Ion:146 Resp: 216598
Ion Ratio Lower Upper
146 100
111 41.9 27.9 51.7
148 61.7 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 4.799 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV026802.D
Acq: 15 Jul 2022 19:52

Tgt Ion:146 Resp: 214862
Ion Ratio Lower Upper
146 100
111 39.0 26.8 49.8
148 62.5 43.3 80.5





#67

1,2-Dichlorobenzene

Concen: 4.768 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. -0.000 min

Lab File: VV026802.D

Acq: 15 Jul 2022 19:52

Instrument :

MSVOA_V

ClientSampleId :

H0B39MSD

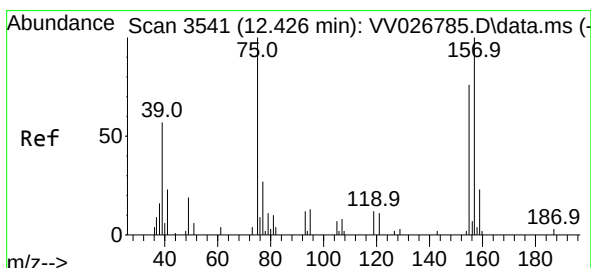
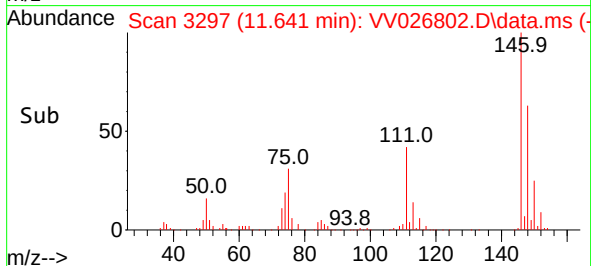
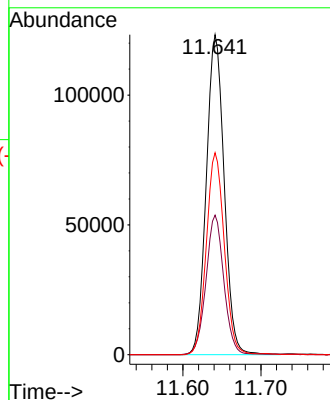
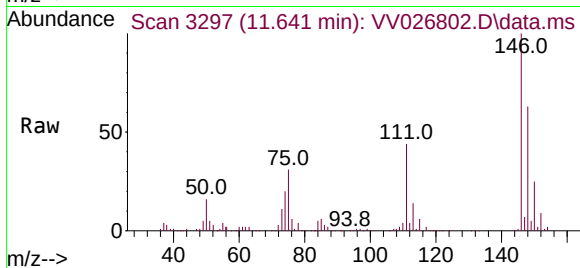
Tgt Ion:146 Resp: 196030

Ion Ratio Lower Upper

146 100

111 43.6 34.6 52.0

148 63.1 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.579 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.000 min

Lab File: VV026802.D

Acq: 15 Jul 2022 19:52

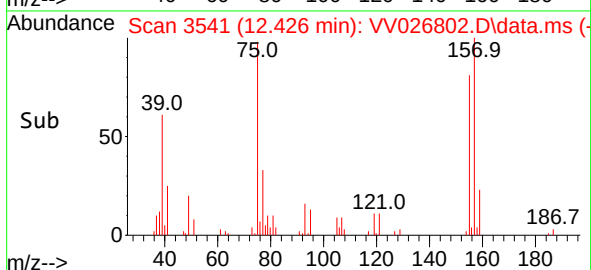
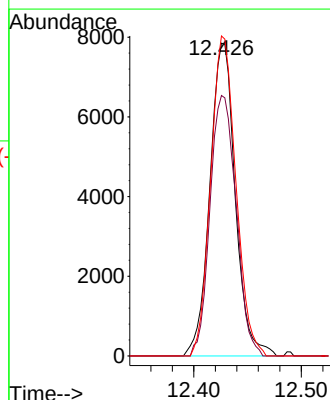
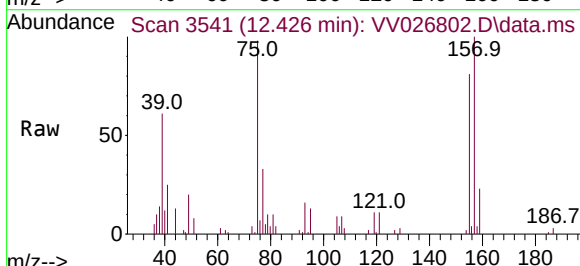
Tgt Ion: 75 Resp: 12897

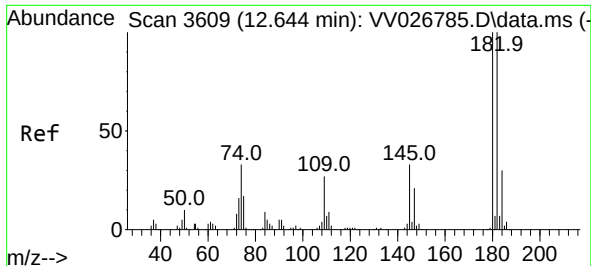
Ion Ratio Lower Upper

75 100

155 83.3 60.3 90.5

157 102.3 78.2 117.4

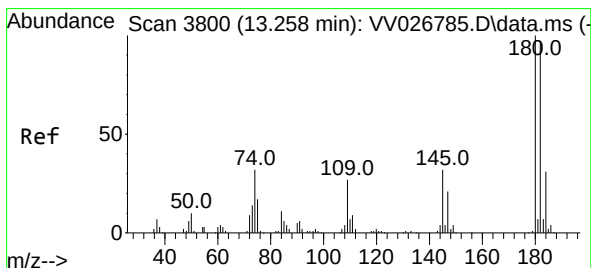
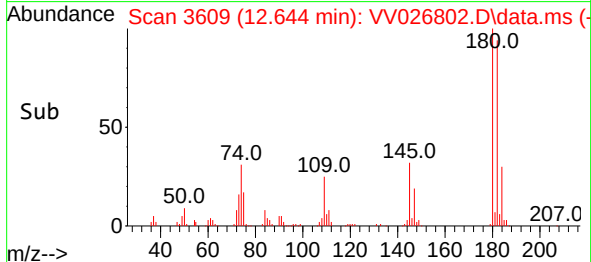
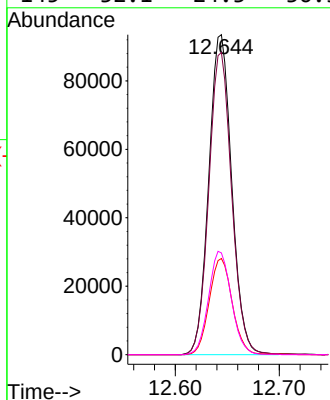
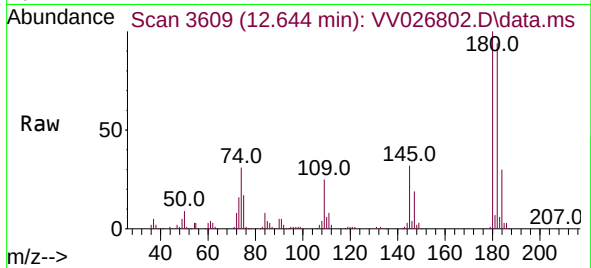




#69
 1,3,5-Trichlorobenzene
 Concen: 4.599 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VV026802.D
 Acq: 15 Jul 2022 19:52

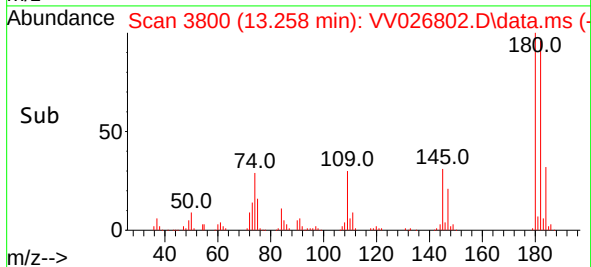
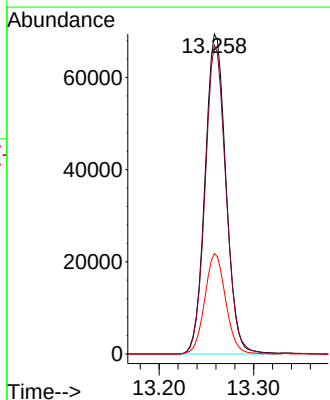
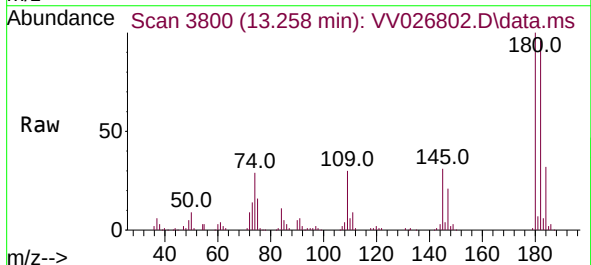
Instrument :
 MSVOA_V
 ClientSampleId :
 H0B39MSD

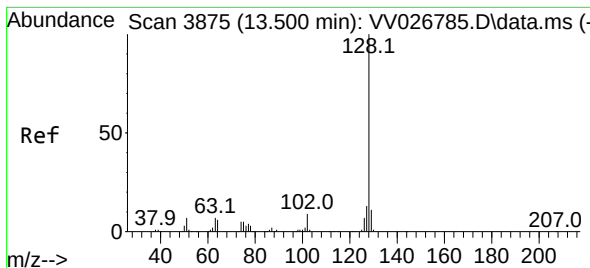
Tgt Ion:180	Resp:	143119
Ion Ratio	Lower	Upper
180	100	
182	94.3	74.0 111.0
184	30.2	23.1 34.7
145	32.1	24.3 36.5



#70
 1,2,4-trichlorobenzene
 Concen: 4.512 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV026802.D
 Acq: 15 Jul 2022 19:52

Tgt Ion:180	Resp:	106781
Ion Ratio	Lower	Upper
180	100	
182	96.1	74.7 112.1
145	31.3	24.7 37.1





#71

Naphthalene

Concen: 4.484 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV026802.D

Acq: 15 Jul 2022 19:52

Instrument :

MSVOA_V

ClientSampleId :

H0B39MSD

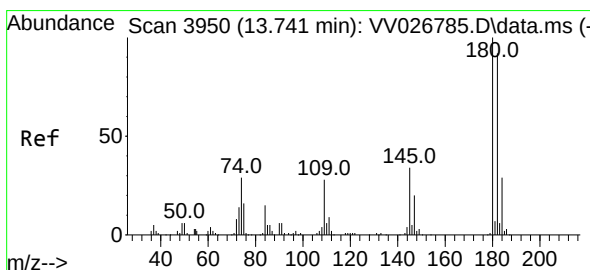
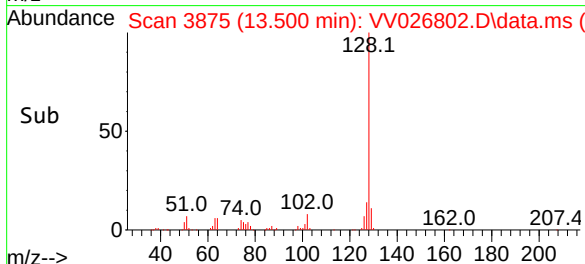
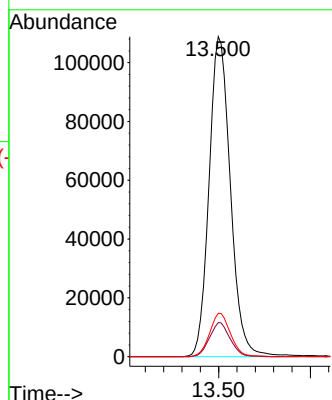
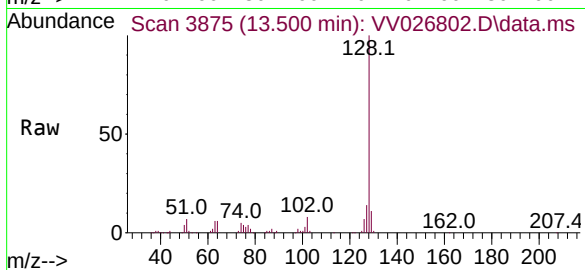
Tgt Ion:128 Resp: 175818

Ion Ratio Lower Upper

128 100

129 10.3 8.4 12.6

127 13.3 10.7 16.1



#72

1,2,3-Trichlorobenzene

Concen: 4.635 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV026802.D

Acq: 15 Jul 2022 19:52

Tgt Ion:180 Resp: 102079

Ion Ratio Lower Upper

180 100

182 94.1 75.0 112.4

145 33.8 26.0 39.0

