

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
 Data File : VX040685.D
 Acq On : 16 Mar 2024 03:50
 Operator : JC/MD
 Sample : P1754-11MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCL20MS

Quant Time: Mar 16 05:57:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 16 05:02:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	141301	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	125434	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	62523	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	47868	38.646	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.300%
7) Chloroethane-d5	1.666	69	41529	41.997	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	2.306	65	22245	39.014	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.020%
21) 2-Butanone-d5	4.452	46	97423	102.498	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.500%
24) Chloroform-d	5.062	84	111088	48.294	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.580%
26) 1,2-Dichloroethane-d4	5.952	65	81026	47.181	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.360%
32) Benzene-d6	5.976	84	181872	47.260	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.520%
36) 1,2-Dichloropropane-d6	7.306	67	60071	50.366	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.740%
41) Toluene-d8	8.647	98	153414	41.367	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.740%
43) trans-1,3-Dichloroprop...	8.952	79	29779	46.912	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.820%
47) 2-Hexanone-d5	9.384	63	70459	107.066	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.070%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	85559	47.913	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.820%
66) 1,2-Dichlorobenzene-d4	12.317	152	64759	49.453	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	67347	53.400	ug/L	100
3) Chloromethane	1.294	50	59848	54.588	ug/L	97
5) Vinyl chloride	1.374	62	66963	56.457	ug/L	96
6) Bromomethane	1.605	94	38488	61.121	ug/L	95
8) Chloroethane	1.685	64	39238	57.694	ug/L	90
9) Trichlorofluoromethane	1.886	101	87960	53.296	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	51447	52.554	ug/L	99
12) 1,1-Dichloroethene	2.319	96	78443	91.076	ug/L	88
13) Acetone	2.380	43	151048	222.539	ug/L	99
14) Carbon disulfide	2.514	76	128087	51.395	ug/L	98
15) Methyl Acetate	2.703	43	44088	38.476	ug/L	96
16) Methylene chloride	2.788	84	49610	52.303	ug/L	96
17) trans-1,2-Dichloroethene	3.093	96	47872	54.141	ug/L	94
18) Methyl tert-butyl Ether	3.111	73	170559	55.776	ug/L	99
19) 1,1-Dichloroethane	3.611	63	103607	60.305	ug/L	96
20) cis-1,2-Dichloroethene	4.489	96	64111	64.662	ug/L	94
22) 2-Butanone	4.550	43	89927	100.056	ug/L	99
23) Bromochloromethane	4.897	128	27274	53.934	ug/L	98
25) Chloroform	5.093	83	107974	55.692	ug/L	97

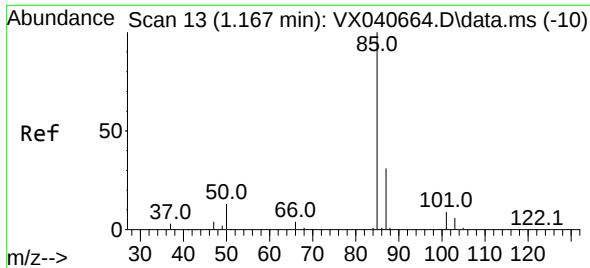
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
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 Quant Title : VOC Analysis
 QLast Update : Sat Mar 16 05:02:38 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	96592	56.692	ug/L	98
29) Cyclohexane	5.471	56	80486	58.395	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	100697	64.457	ug/L	99
31) Carbon tetrachloride	5.678	117	79114	60.340	ug/L	99
33) Benzene	6.044	78	197202	58.525	ug/L	100
34) Trichloroethene	7.123	95	117362	117.983	ug/L	98
35) Methylcyclohexane	7.385	83	80288	55.231	ug/L	100
37) 1,2-Dichloropropane	7.427	63	55031	61.689	ug/L	99
38) Bromodichloromethane	7.824	83	79169	60.004	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	78091	51.995	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	167981	109.842	ug/L	100
42) Toluene	8.720	91	209690	56.725	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	81080	55.425	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	53147	57.714	ug/L	95
46) Tetrachloroethene	9.275	164	39336	55.076	ug/L	95
48) 2-Hexanone	9.427	43	140745	111.065	ug/L	99
49) Dibromochloromethane	9.519	129	58567	60.868	ug/L	95
50) 1,2-Dibromoethane	9.610	107	58429	59.001	ug/L	93
51) Chlorobenzene	10.079	112	130303	54.407	ug/L	99
52) Ethylbenzene	10.195	91	234622	54.010	ug/L	99
53) m,p-Xylene	10.299	106	87125	55.169	ug/L	93
54) o-Xylene	10.640	106	83687	55.204	ug/L	100
55) Styrene	10.653	104	144822	54.823	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	77774	51.241	ug/L	98
59) Bromoform	10.799	173	37027	51.059	ug/L	100
60) Isopropylbenzene	10.963	105	230712	54.963	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	64086	51.437	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	186555	53.604	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	179982	51.718	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	99169	53.963	ug/L	100
65) 1,4-Dichlorobenzene	12.042	146	101129	54.112	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	102217	58.493	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	23139	63.441	ug/L	87
69) 1,3,5-Trichlorobenzene	13.115	180	75458	61.170	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	68508	59.886	ug/L	99
71) Naphthalene	13.774	128	231159	63.573	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	68527	60.810	ug/L	99

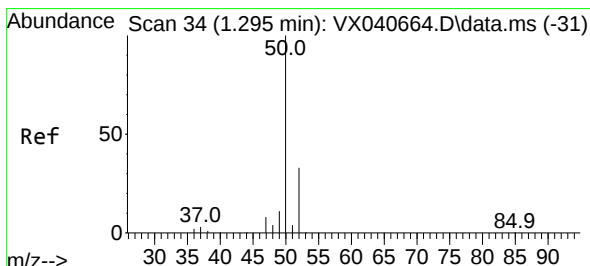
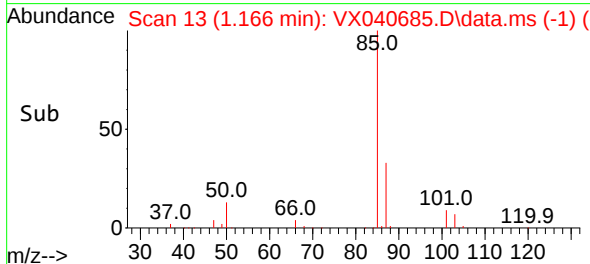
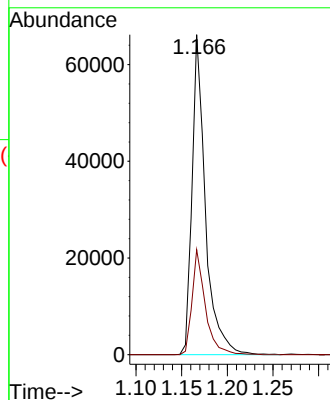
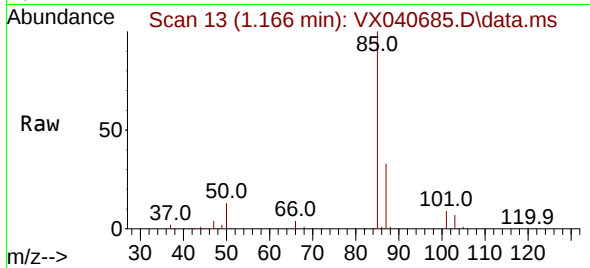
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#2
 Dichlorodifluoromethane
 Concen: 53.400 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX040685.D
 Acq: 16 Mar 2024 03:50

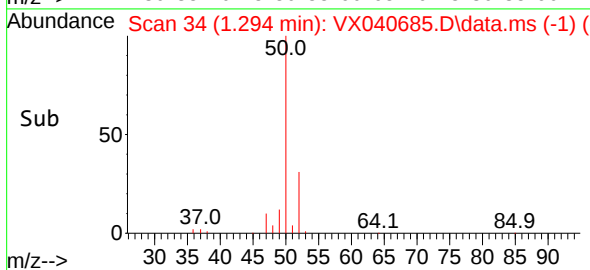
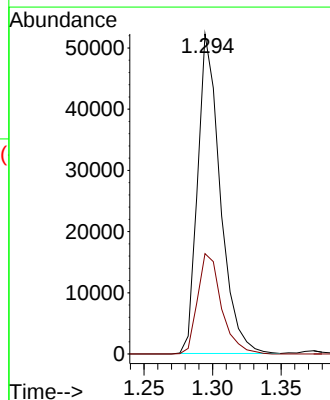
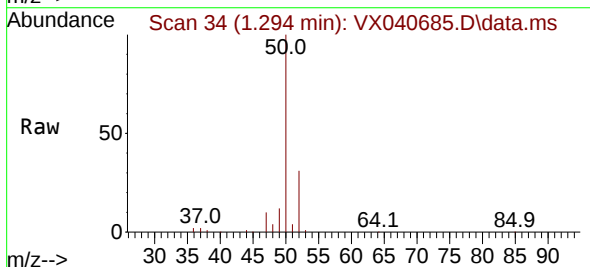
Instrument :
 MSVOA_X
 ClientSampleId :
 YCL20MS

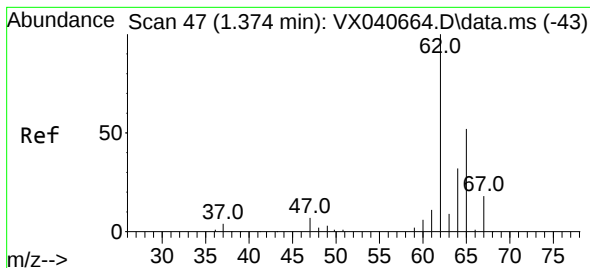
Tgt Ion: 85 Resp: 67347
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.1 39.1



#3
 Chloromethane
 Concen: 54.588 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX040685.D
 Acq: 16 Mar 2024 03:50

Tgt Ion: 50 Resp: 59848
 Ion Ratio Lower Upper
 50 100
 52 31.4 23.1 42.9

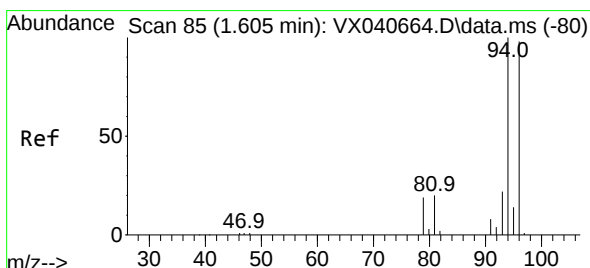
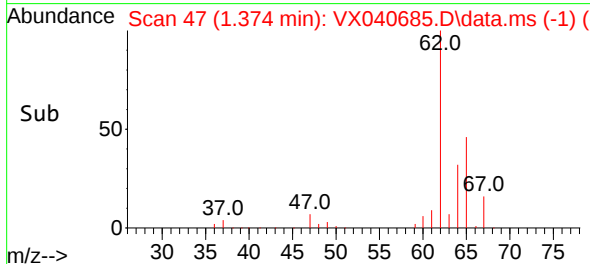
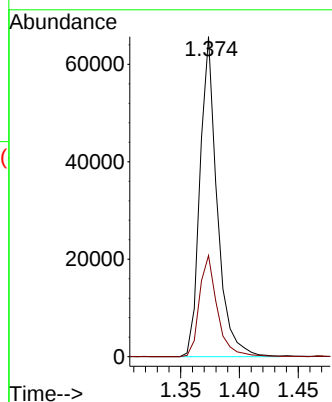
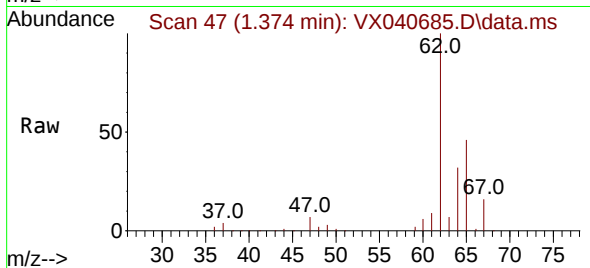




#5
Vinyl chloride
Concen: 56.457 ug/L
RT: 1.374 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX040685.D
Acq: 16 Mar 2024 03:50

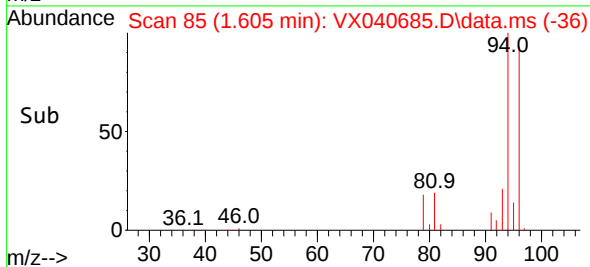
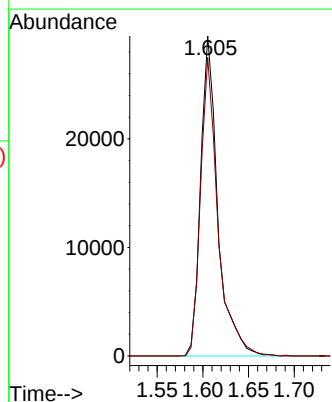
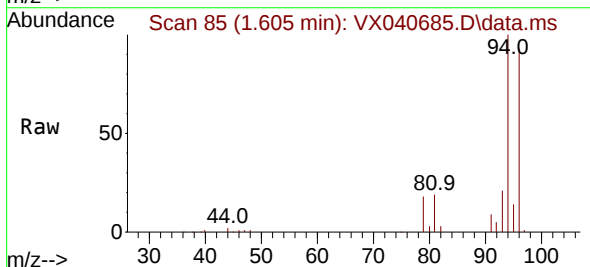
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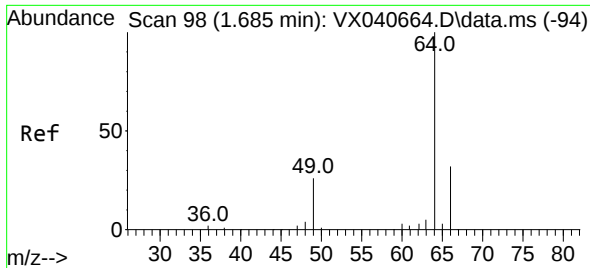
Tgt Ion: 62 Resp: 66963
Ion Ratio Lower Upper
62 100
64 31.6 23.8 44.2



#6
Bromomethane
Concen: 61.121 ug/L
RT: 1.605 min Scan# 85
Delta R.T. -0.000 min
Lab File: VX040685.D
Acq: 16 Mar 2024 03:50

Tgt Ion: 94 Resp: 38488
Ion Ratio Lower Upper
94 100
96 93.3 69.0 128.2

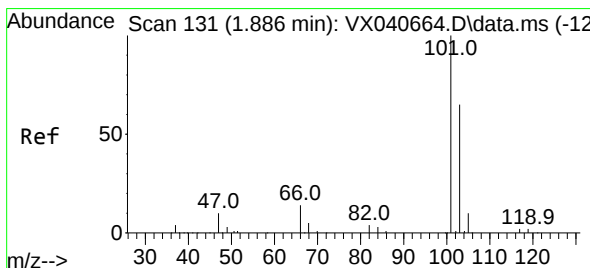
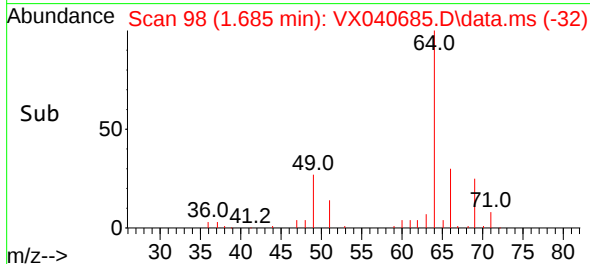
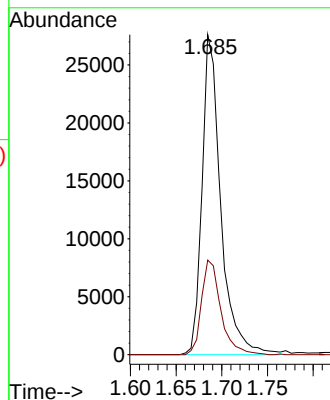
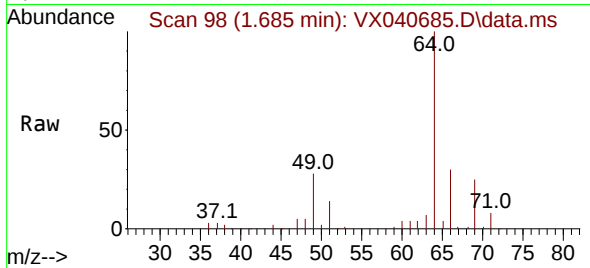




#8
Chloroethane
Concen: 57.694 ug/L
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX040685.D
Acq: 16 Mar 2024 03:50

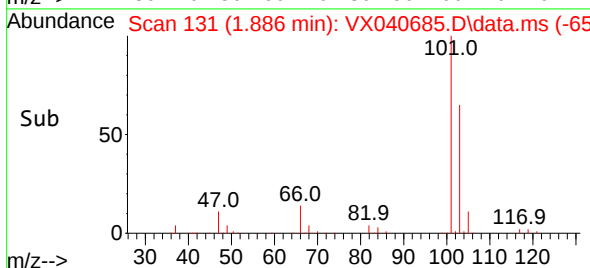
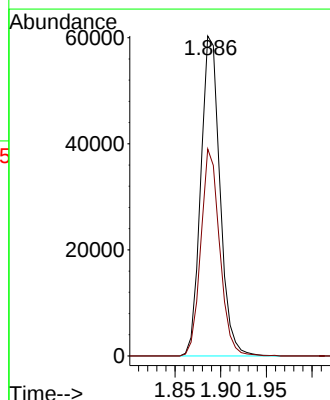
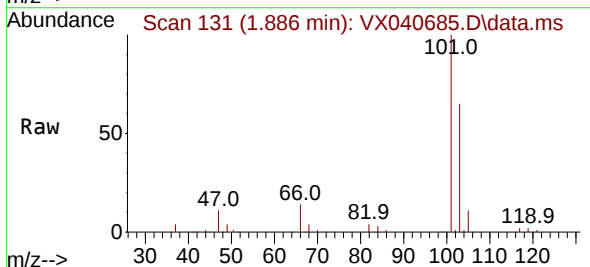
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ClientSampleId :
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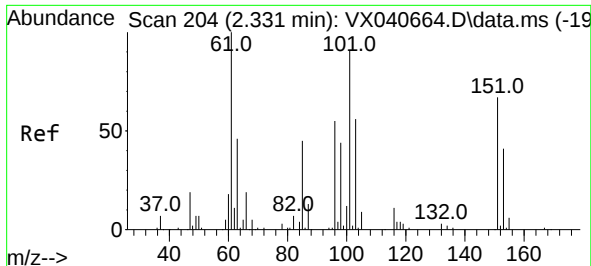
Tgt Ion: 64 Resp: 39238
Ion Ratio Lower Upper
64 100
66 29.6 25.0 46.4



#9
Trichlorofluoromethane
Concen: 53.296 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX040685.D
Acq: 16 Mar 2024 03:50

Tgt Ion: 101 Resp: 87960
Ion Ratio Lower Upper
101 100
103 63.4 51.7 77.5

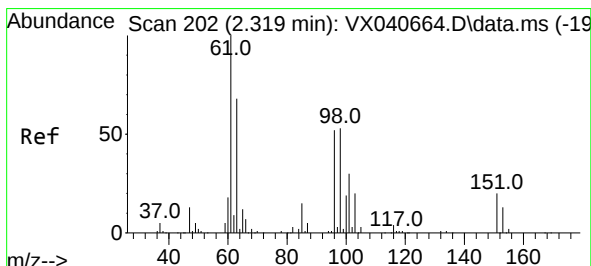
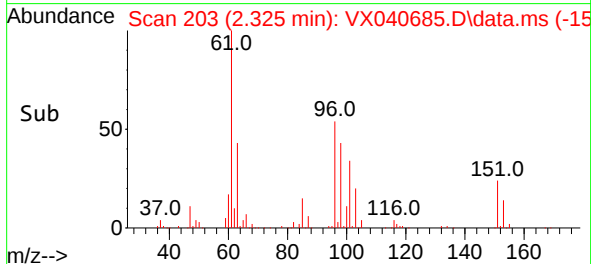
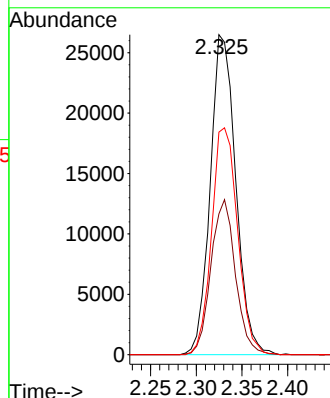
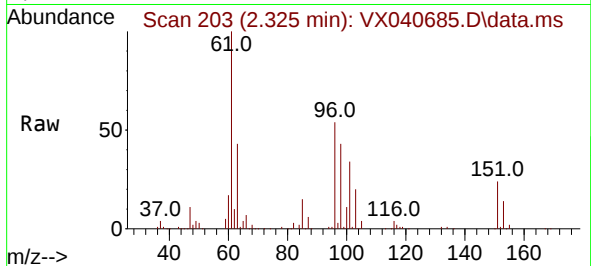




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 52.554 ug/L
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX040685.D
Acq: 16 Mar 2024 03:50

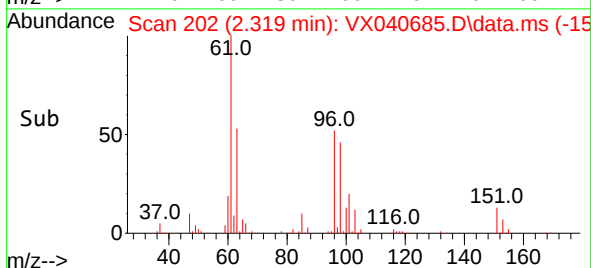
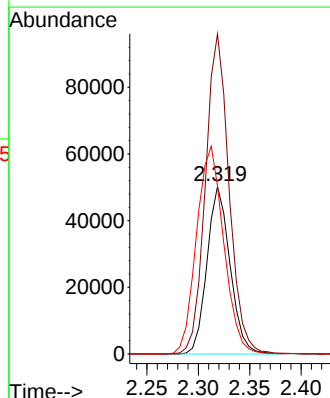
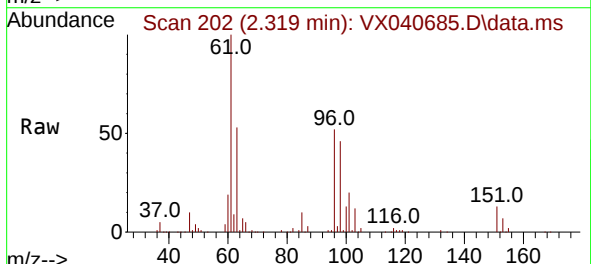
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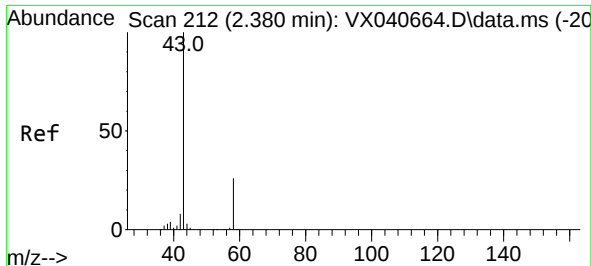
Tgt Ion:101 Resp: 51447
Ion Ratio Lower Upper
101 100
85 46.6 38.3 57.5
151 72.3 57.7 86.5



#12
1,1-Dichloroethene
Concen: 91.076 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX040685.D
Acq: 16 Mar 2024 03:50

Tgt Ion: 96 Resp: 78443
Ion Ratio Lower Upper
96 100
61 191.0 134.8 250.4
63 100.4 92.5 171.9





#13

Acetone

Concen: 222.539 ug/L

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX040685.D

Acq: 16 Mar 2024 03:50

Instrument :

MSVOA_X

ClientSampleId :

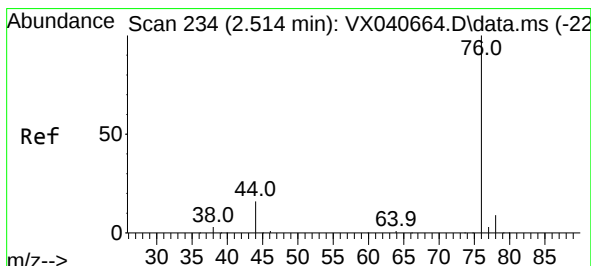
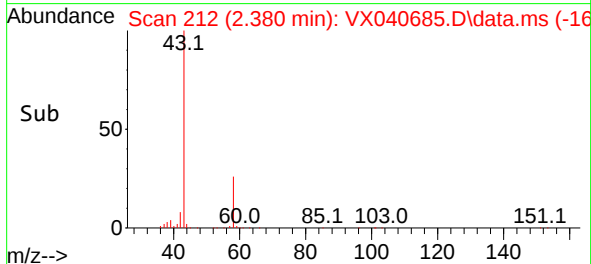
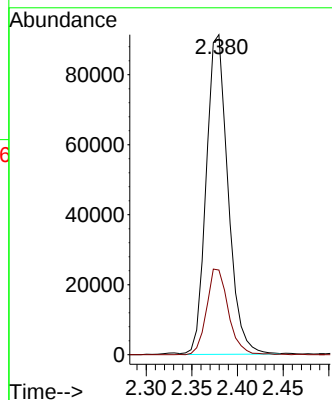
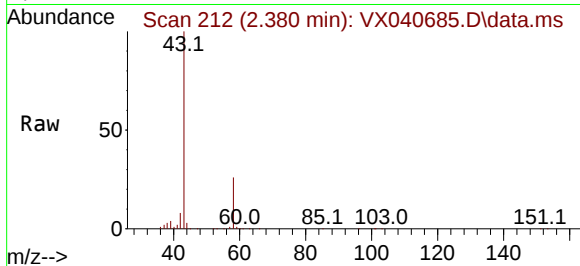
YCL20MS

Tgt Ion: 43 Resp: 151048

Ion Ratio Lower Upper

43 100

58 26.8 0.0 54.6



#14

Carbon disulfide

Concen: 51.395 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX040685.D

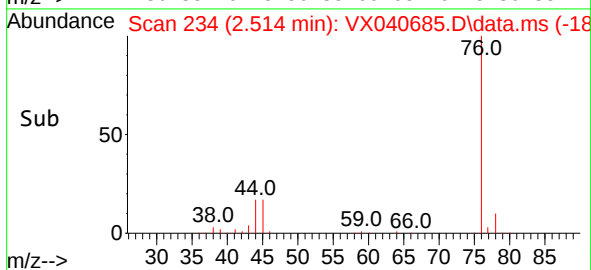
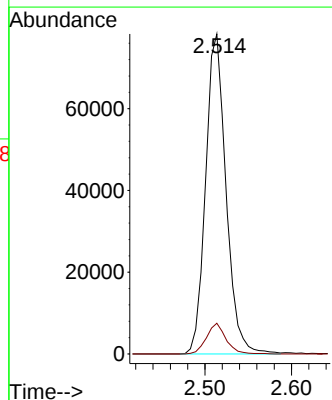
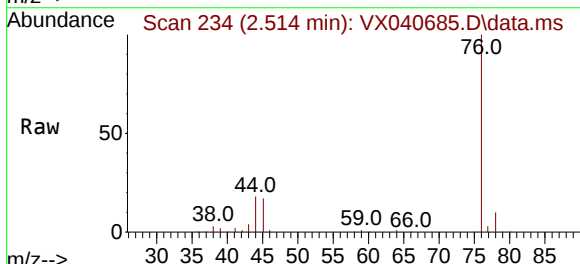
Acq: 16 Mar 2024 03:50

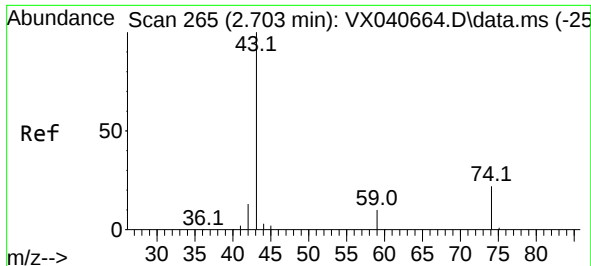
Tgt Ion: 76 Resp: 128087

Ion Ratio Lower Upper

76 100

78 9.6 7.2 10.8

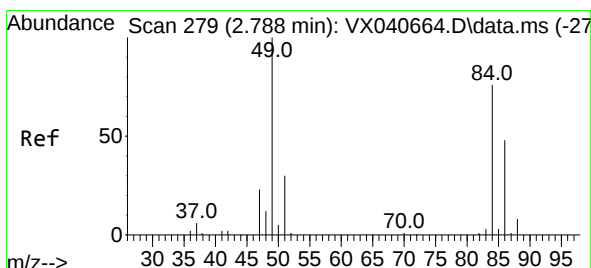
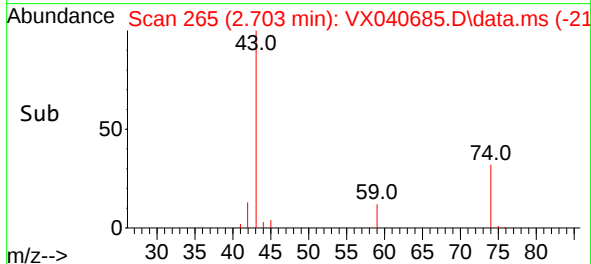
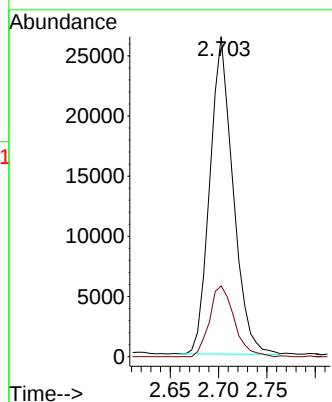
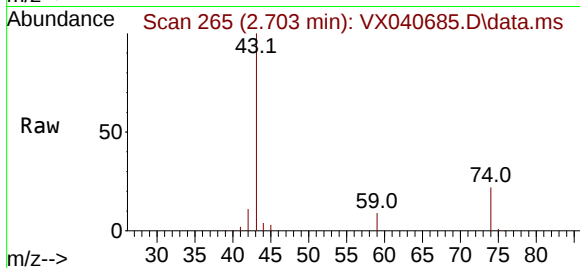




#15
Methyl Acetate
Concen: 38.476 ug/L
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX040685.D
Acq: 16 Mar 2024 03:50

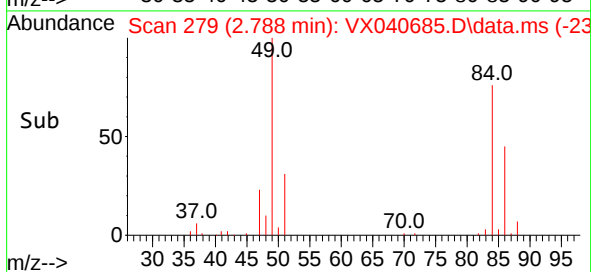
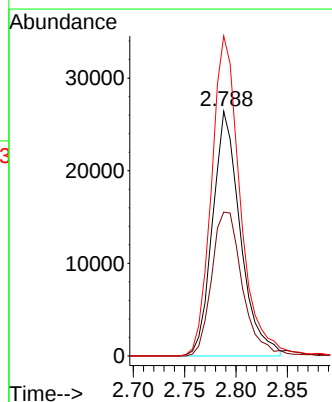
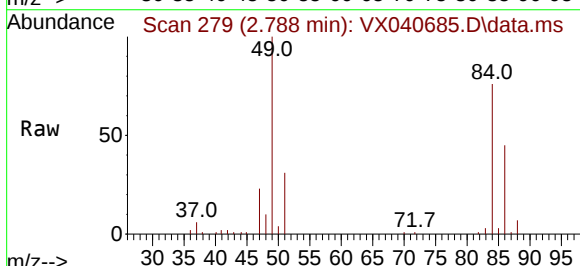
Instrument :
MSVOA_X
ClientSampleId :
YCL20MS

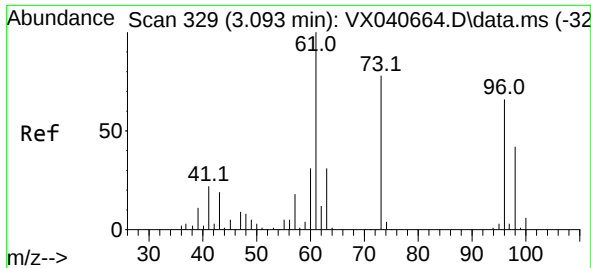
Tgt Ion: 43 Resp: 44088
Ion Ratio Lower Upper
43 100
74 23.7 17.6 26.4



#16
Methylene chloride
Concen: 52.303 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX040685.D
Acq: 16 Mar 2024 03:50

Tgt Ion: 84 Resp: 49610
Ion Ratio Lower Upper
84 100
86 58.8 45.8 85.2
49 130.8 92.6 172.0

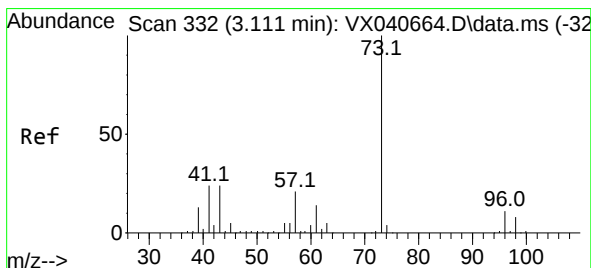
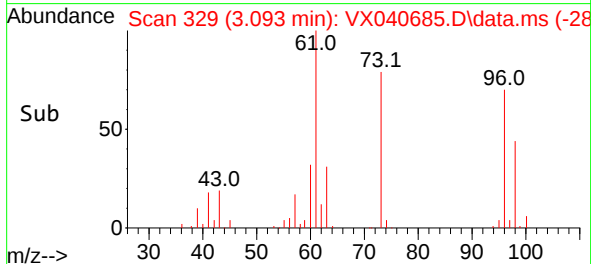
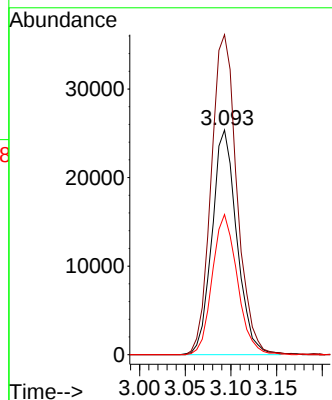
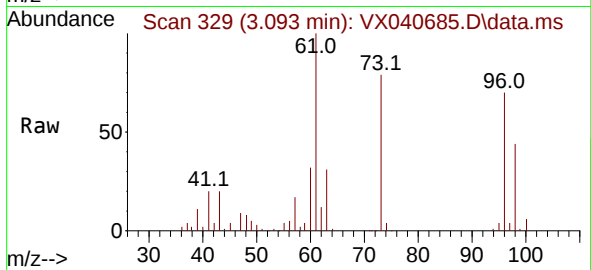




#17
trans-1,2-Dichloroethene
Concen: 54.141 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040685.D
Acq: 16 Mar 2024 03:50

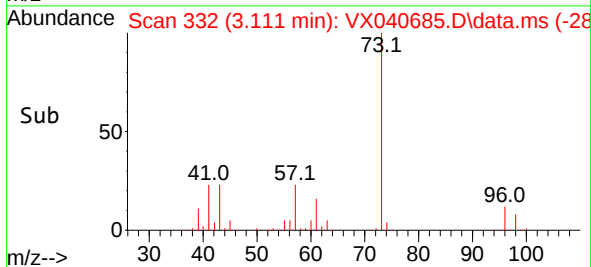
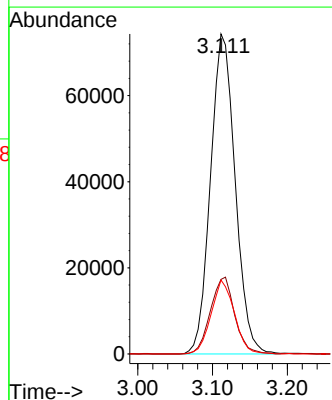
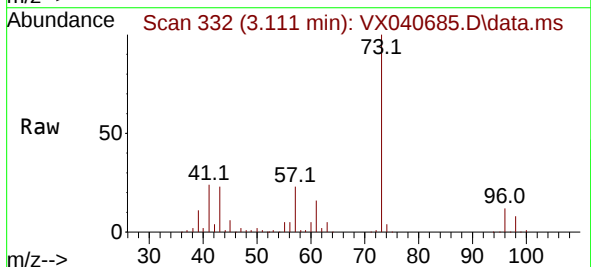
Instrument :
MSVOA_X
ClientSampleId :
YCL20MS

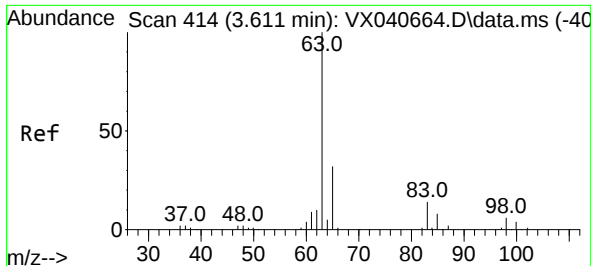
Tgt Ion: 96 Resp: 47872
Ion Ratio Lower Upper
96 100
61 142.5 106.6 198.0
98 62.4 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 55.776 ug/L
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX040685.D
Acq: 16 Mar 2024 03:50

Tgt Ion: 73 Resp: 170559
Ion Ratio Lower Upper
73 100
43 23.6 19.3 28.9
57 21.8 17.1 25.7





#19

1,1-Dichloroethane

Concen: 60.305 ug/L

RT: 3.611 min Scan# 414

Delta R.T. -0.000 min

Lab File: VX040685.D

Acq: 16 Mar 2024 03:50

Instrument :

MSVOA_X

ClientSampleId :

YCL20MS

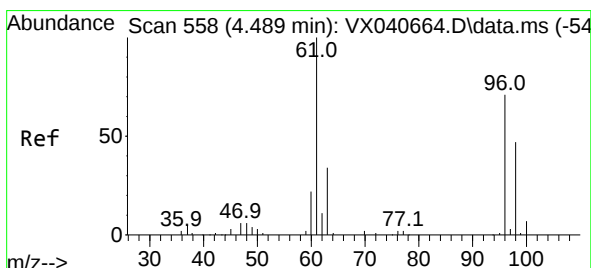
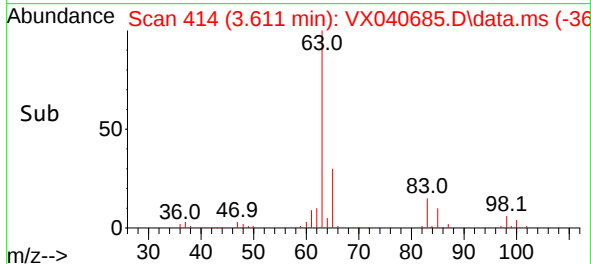
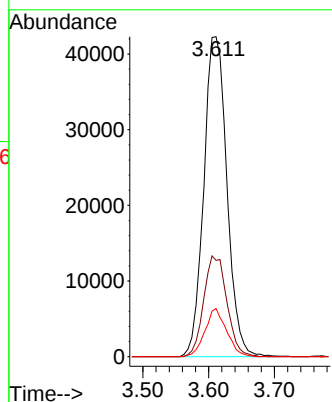
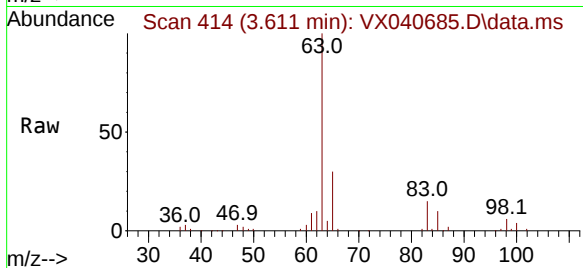
Tgt Ion: 63 Resp: 103607

Ion Ratio Lower Upper

63 100

65 30.1 23.1 42.9

83 15.1 9.9 18.5



#20

cis-1,2-Dichloroethene

Concen: 64.662 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX040685.D

Acq: 16 Mar 2024 03:50

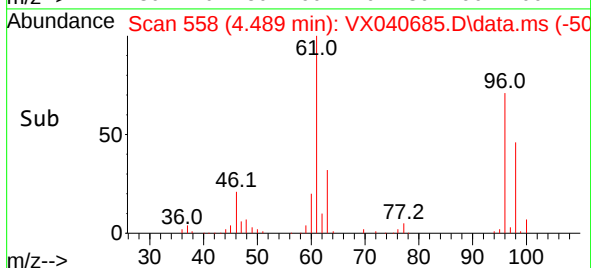
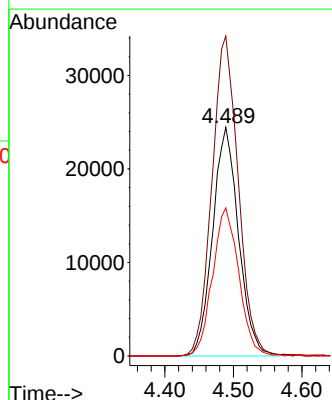
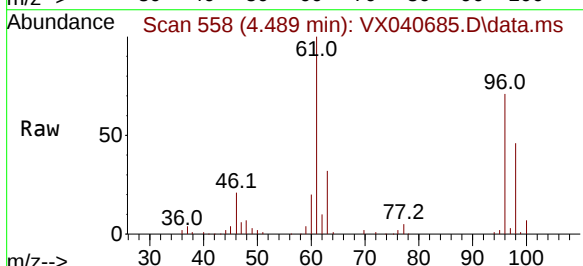
Tgt Ion: 96 Resp: 64111

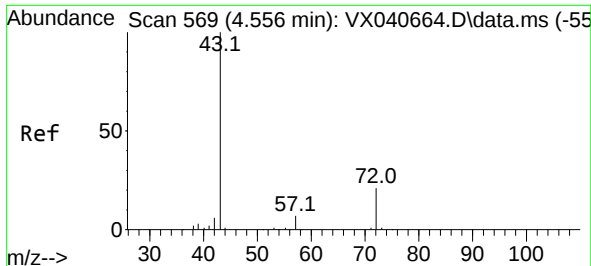
Ion Ratio Lower Upper

96 100

61 140.1 93.0 172.8

98 64.9 42.4 78.6

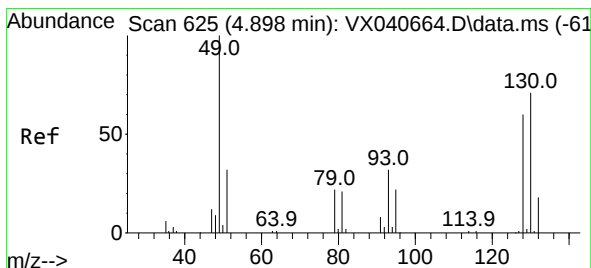
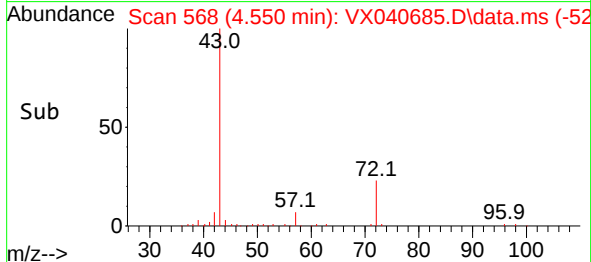
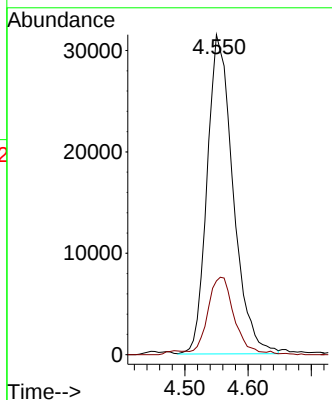
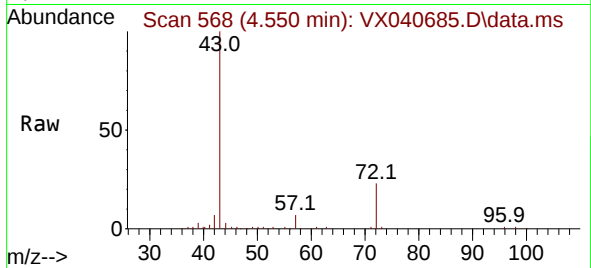




#22
2-Butanone
Concen: 100.056 ug/L
RT: 4.550 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX040685.D
Acq: 16 Mar 2024 03:50

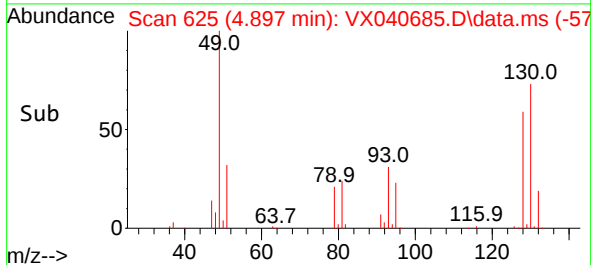
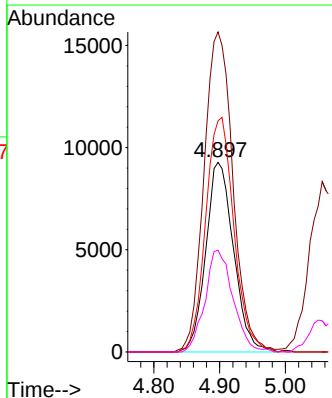
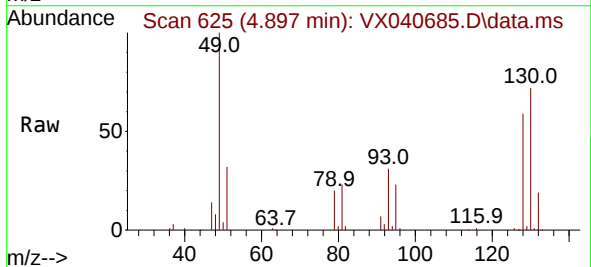
Instrument :
MSVOA_X
ClientSampleId :
YCL20MS

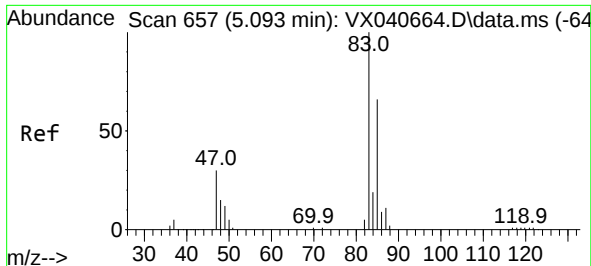
Tgt Ion: 43 Resp: 89927
Ion Ratio Lower Upper
43 100
72 24.4 12.4 37.2



#23
Bromochloromethane
Concen: 53.934 ug/L
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX040685.D
Acq: 16 Mar 2024 03:50

Tgt Ion:128 Resp: 27274
Ion Ratio Lower Upper
128 100
49 168.8 118.1 219.3
130 121.9 89.4 166.0
51 53.7 44.3 66.5

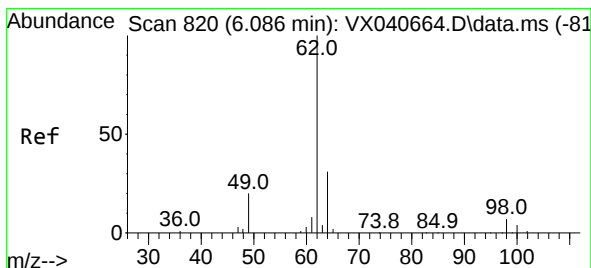
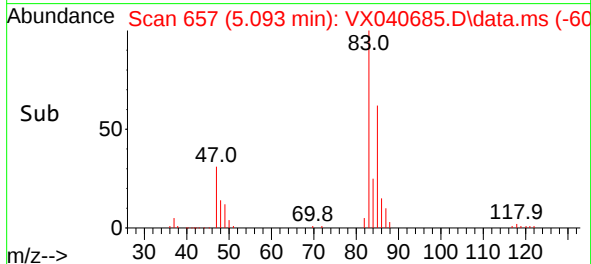
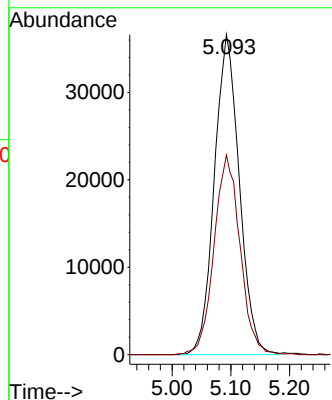
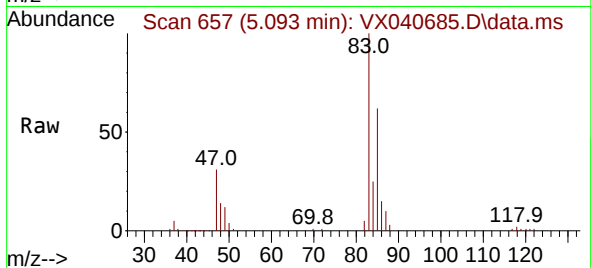




#25
Chloroform
Concen: 55.692 ug/L
RT: 5.093 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX040685.D
Acq: 16 Mar 2024 03:50

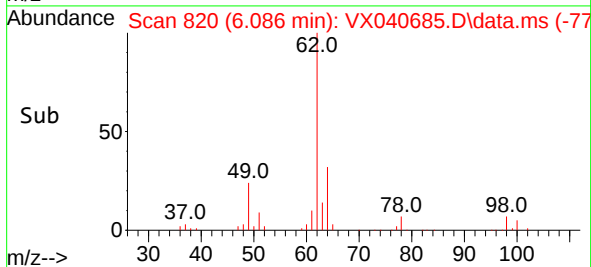
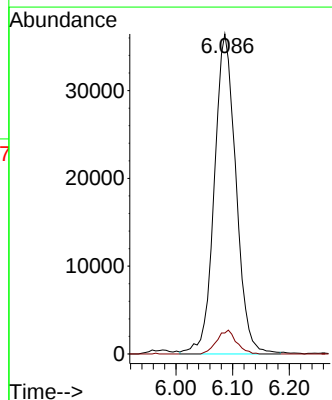
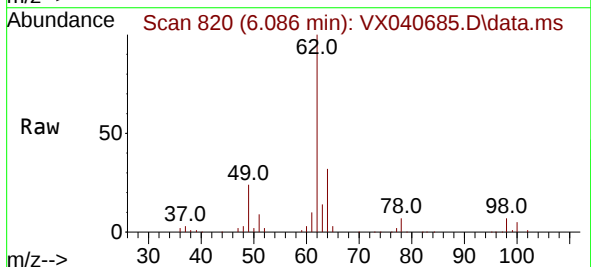
Instrument :
MSVOA_X
ClientSampleId :
YCL20MS

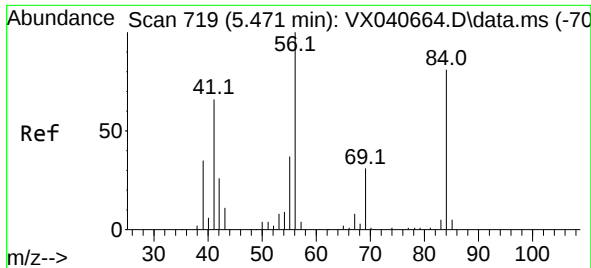
Tgt Ion: 83 Resp: 107974
Ion Ratio Lower Upper
83 100
85 62.4 45.4 84.4



#27
1,2-Dichloroethane
Concen: 56.692 ug/L
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX040685.D
Acq: 16 Mar 2024 03:50

Tgt Ion: 62 Resp: 96592
Ion Ratio Lower Upper
62 100
98 6.6 5.8 8.6

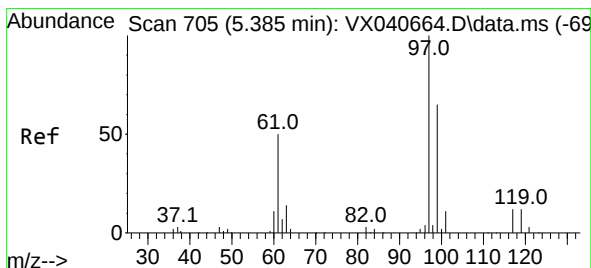
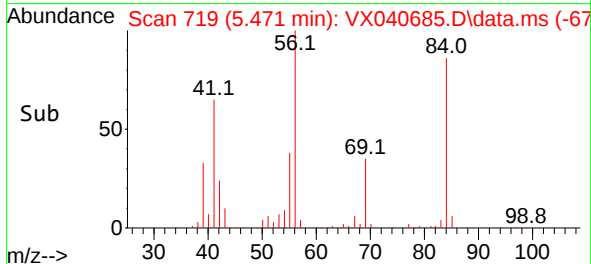
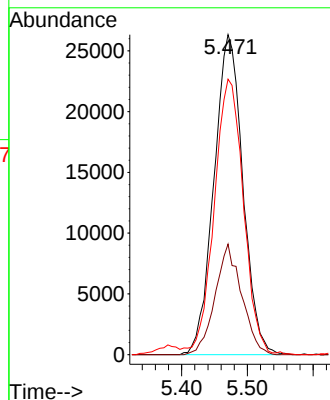
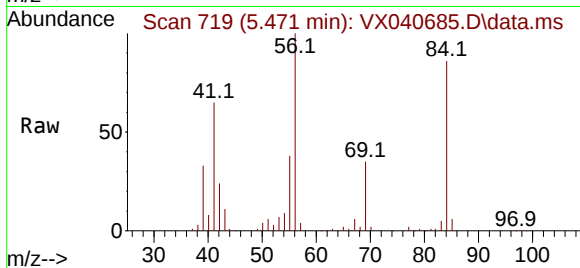




#29
Cyclohexane
Concen: 58.395 ug/L
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX040685.D
Acq: 16 Mar 2024 03:50

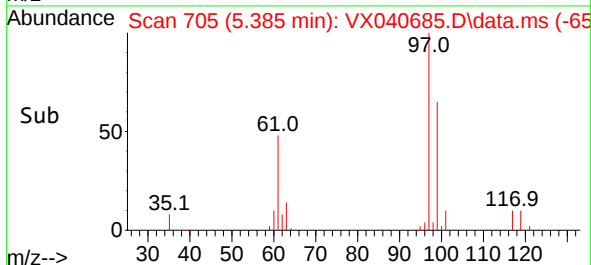
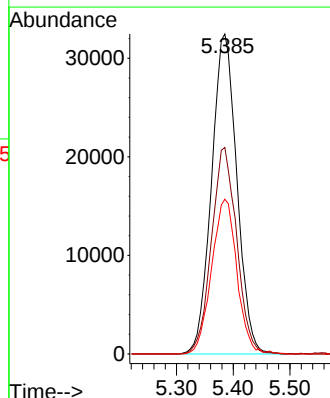
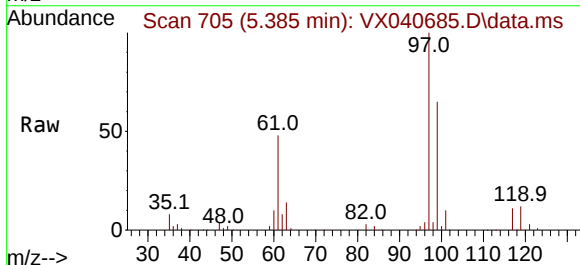
Instrument :
MSVOA_X
ClientSampleId :
YCL20MS

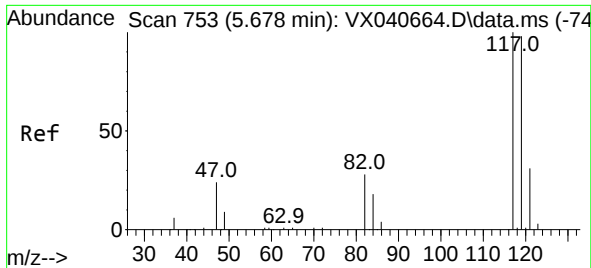
Tgt Ion:	56	Resp:	80486
Ion	Ratio	Lower	Upper
56	100		
69	31.8	25.0	37.4
84	86.7	70.6	105.8



#30
1,1,1-Trichloroethane
Concen: 64.457 ug/L
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040685.D
Acq: 16 Mar 2024 03:50

Tgt Ion:	97	Resp:	100697
Ion	Ratio	Lower	Upper
97	100		
99	64.1	52.1	78.1
61	48.0	38.3	57.5

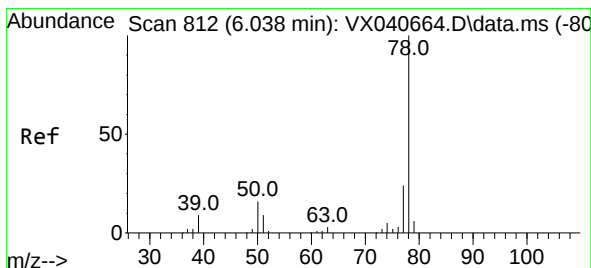
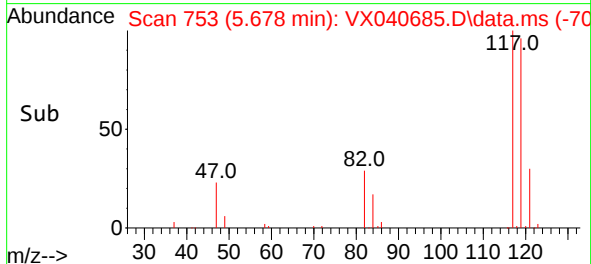
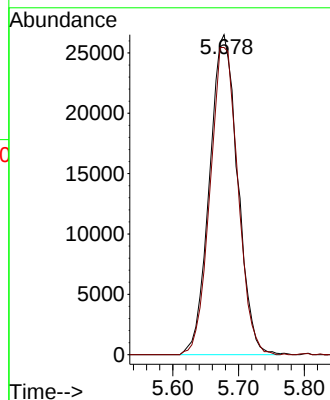
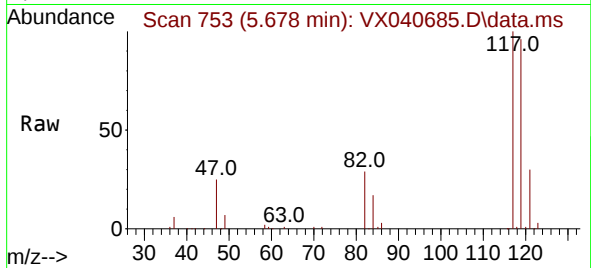




#31
Carbon tetrachloride
Concen: 60.340 ug/L
RT: 5.678 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040685.D
Acq: 16 Mar 2024 03:50

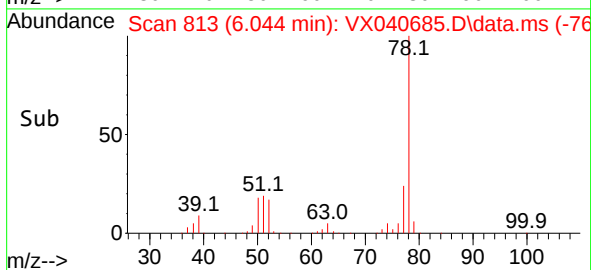
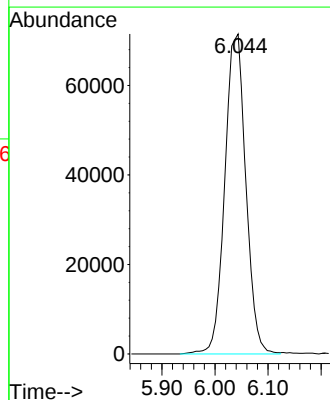
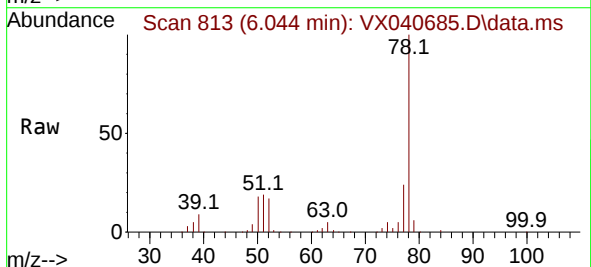
Instrument :
MSVOA_X
ClientSampleId :
YCL20MS

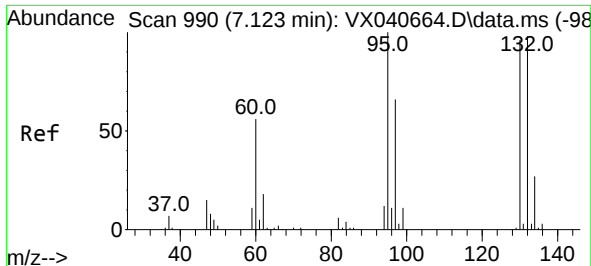
Tgt Ion:117 Resp: 79114
Ion Ratio Lower Upper
117 100
119 94.9 75.4 113.2



#33
Benzene
Concen: 58.525 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX040685.D
Acq: 16 Mar 2024 03:50

Tgt Ion: 78 Resp: 197202

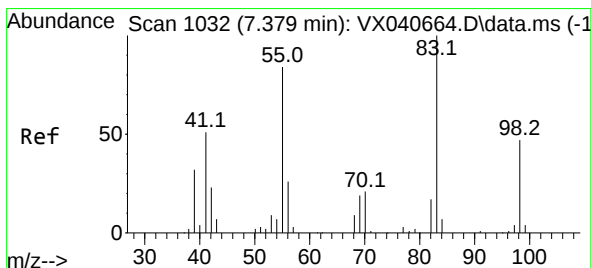
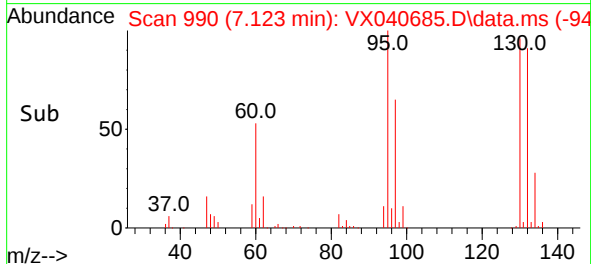
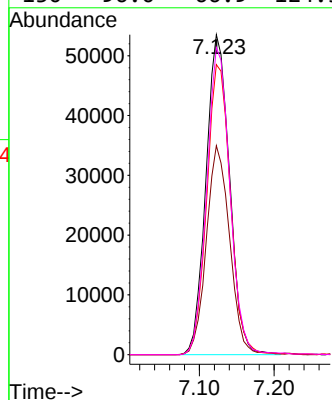
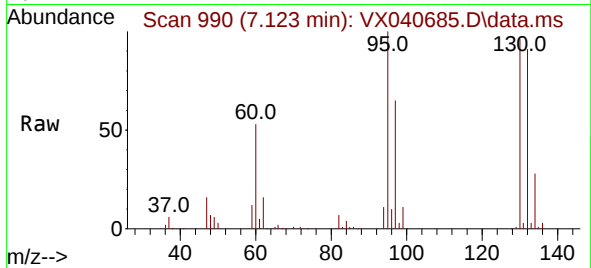




#34
Trichloroethene
Concen: 117.983 ug/L
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX040685.D
Acq: 16 Mar 2024 03:50

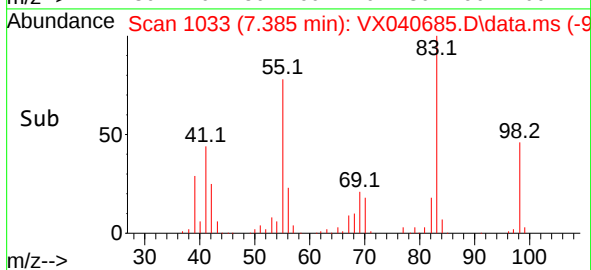
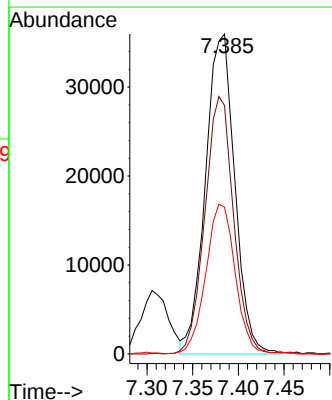
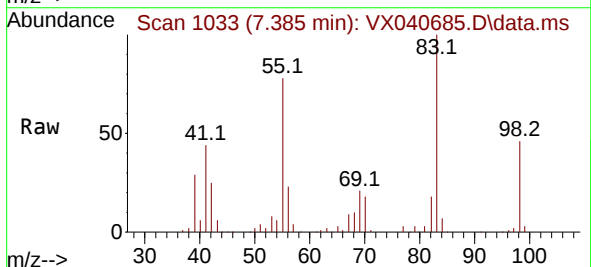
Instrument :
MSVOA_X
ClientSampleId :
YCL20MS

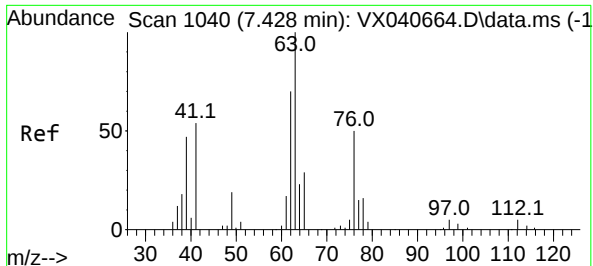
Tgt Ion: 95 Resp: 117362
Ion Ratio Lower Upper
95 100
97 65.3 44.7 83.1
132 90.7 61.5 114.3
130 96.0 66.9 124.3



#35
Methylcyclohexane
Concen: 55.231 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX040685.D
Acq: 16 Mar 2024 03:50

Tgt Ion: 83 Resp: 80288
Ion Ratio Lower Upper
83 100
55 78.7 62.6 94.0
98 46.9 37.4 56.2





#37

1,2-Dichloropropane

Concen: 61.689 ug/L

RT: 7.427 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX040685.D

Acq: 16 Mar 2024 03:50

Instrument :

MSVOA_X

ClientSampleId :

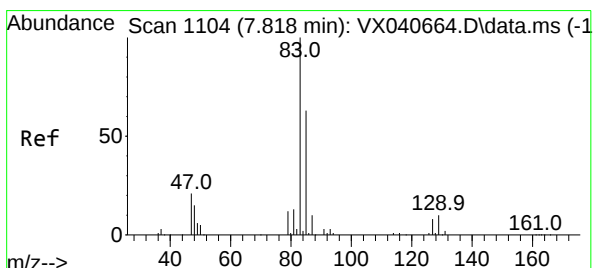
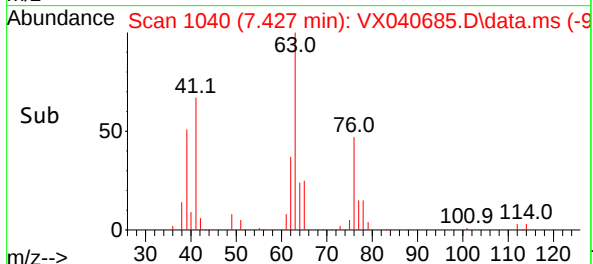
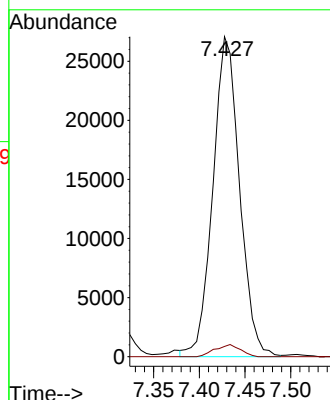
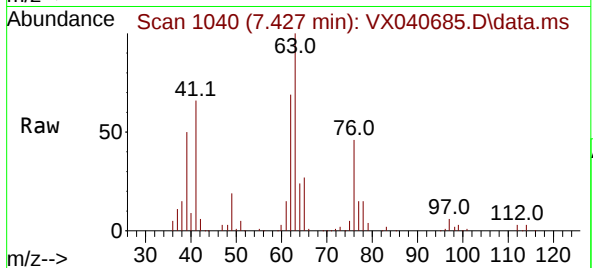
YCL20MS

Tgt Ion: 63 Resp: 55031

Ion Ratio Lower Upper

63 100

112 3.6 3.1 4.7



#38

Bromodichloromethane

Concen: 60.004 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX040685.D

Acq: 16 Mar 2024 03:50

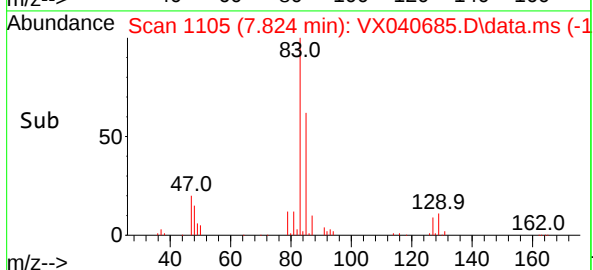
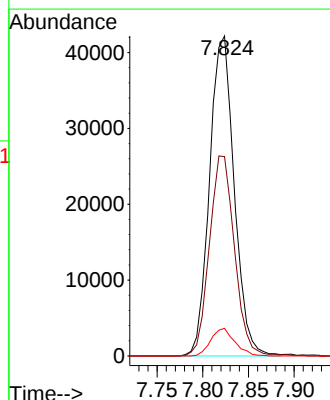
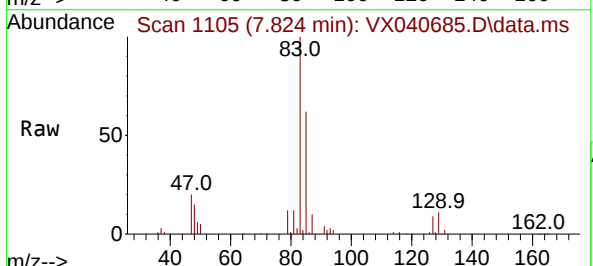
Tgt Ion: 83 Resp: 79169

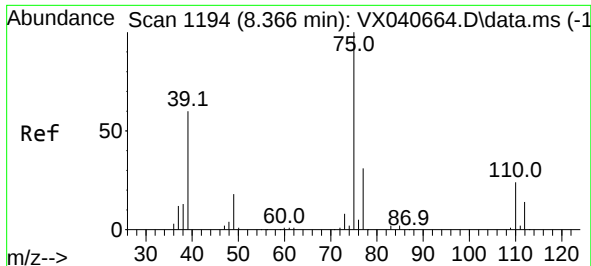
Ion Ratio Lower Upper

83 100

85 62.3 42.8 79.4

127 8.6 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 51.995 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX040685.D

Acq: 16 Mar 2024 03:50

Instrument :

MSVOA_X

ClientSampleId :

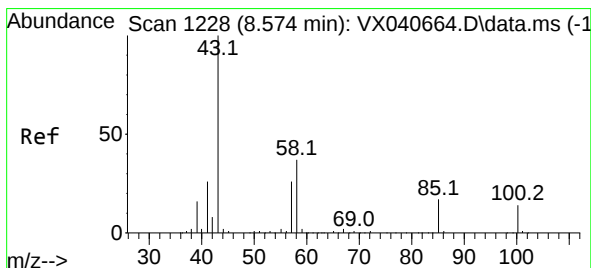
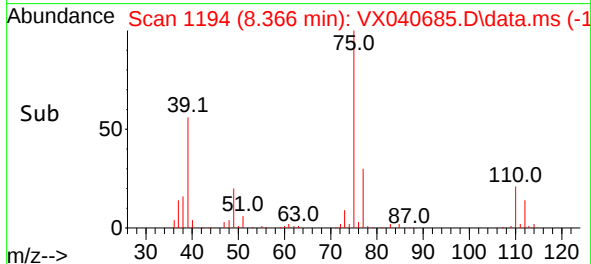
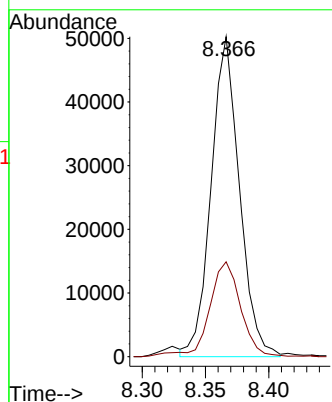
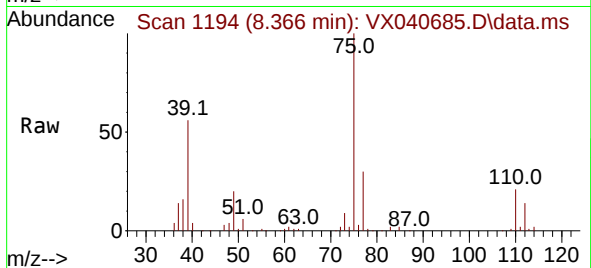
YCL20MS

Tgt Ion: 75 Resp: 78091

Ion Ratio Lower Upper

75 100

77 29.7 21.1 39.3



#40

4-Methyl-2-pentanone

Concen: 109.842 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX040685.D

Acq: 16 Mar 2024 03:50

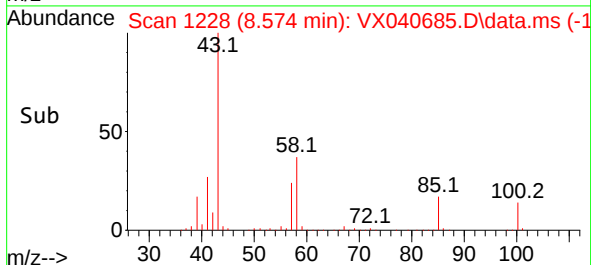
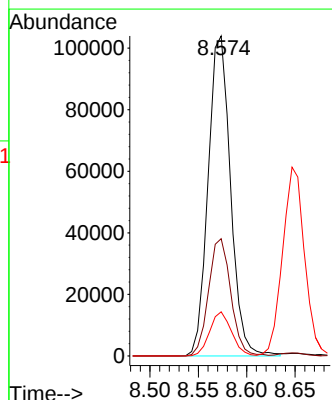
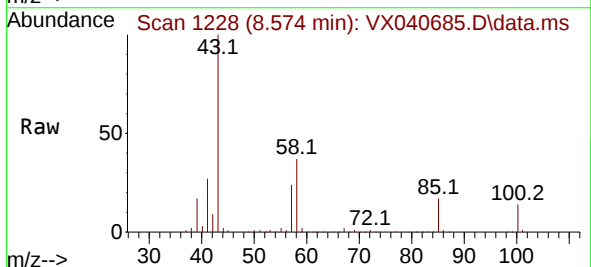
Tgt Ion: 43 Resp: 167981

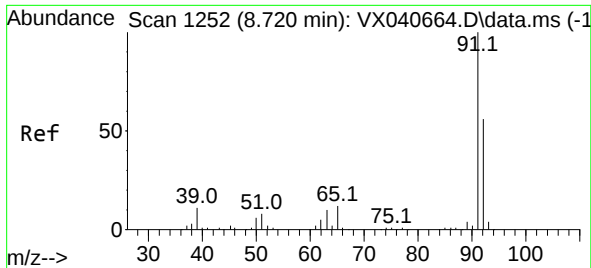
Ion Ratio Lower Upper

43 100

58 36.3 29.3 43.9

100 13.5 10.7 16.1





#42

Toluene

Concen: 56.725 ug/L

RT: 8.720 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040685.D

Acq: 16 Mar 2024 03:50

Instrument :

MSVOA_X

ClientSampleId :

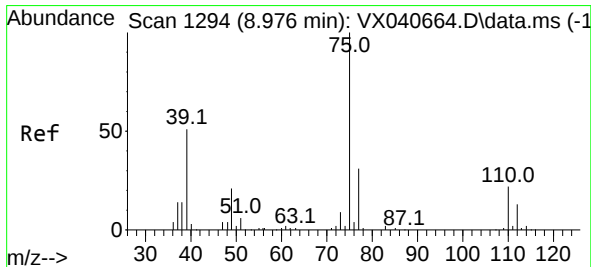
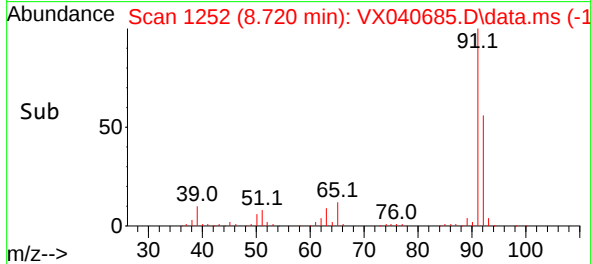
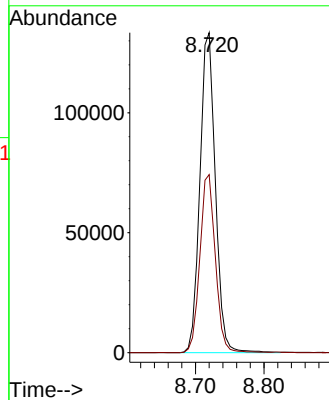
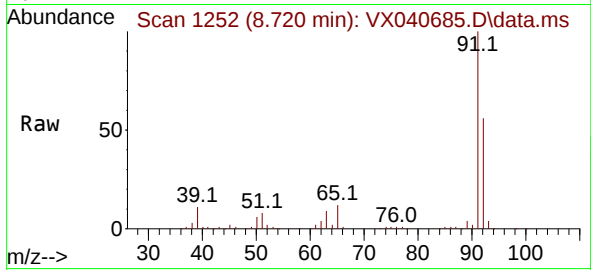
YCL20MS

Tgt Ion: 91 Resp: 209690

Ion Ratio Lower Upper

91 100

92 55.7 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 55.425 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX040685.D

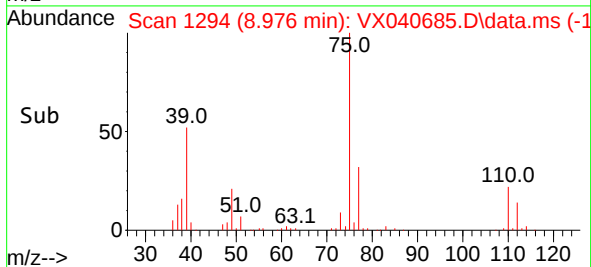
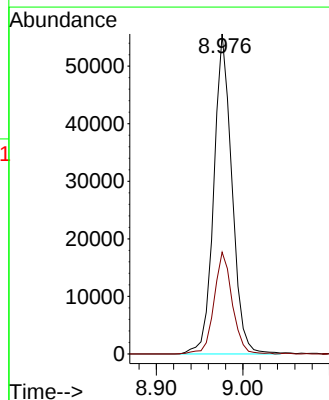
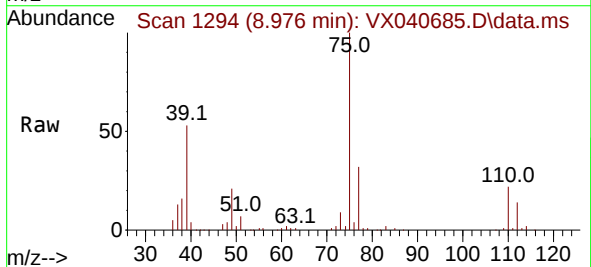
Acq: 16 Mar 2024 03:50

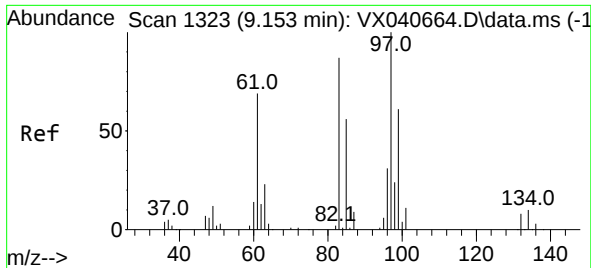
Tgt Ion: 75 Resp: 81080

Ion Ratio Lower Upper

75 100

77 31.8 22.1 41.1

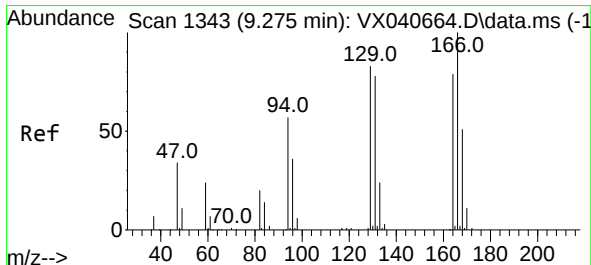
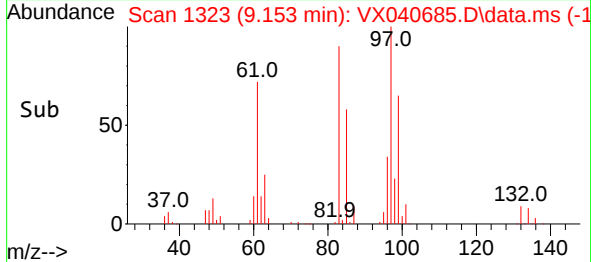
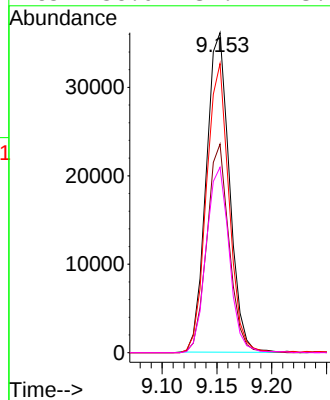
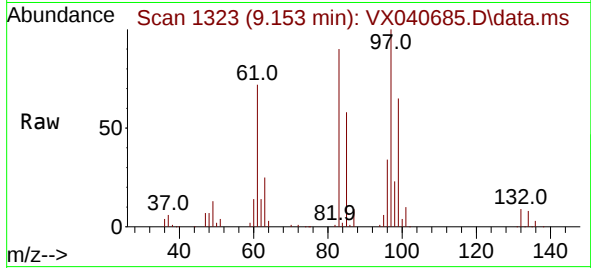




#45
1,1,2-Trichloroethane
Concen: 57.714 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX040685.D
Acq: 16 Mar 2024 03:50

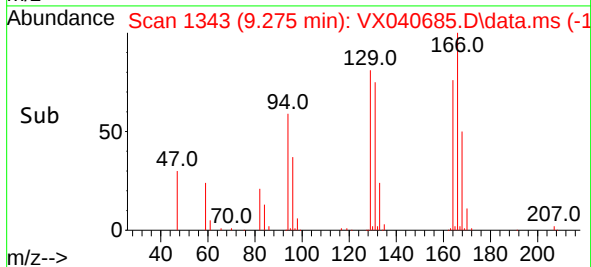
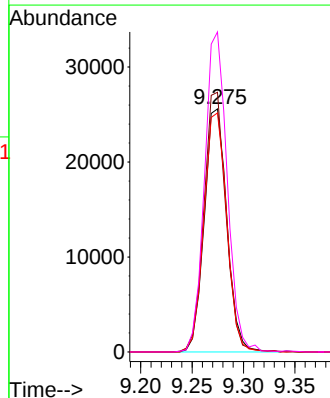
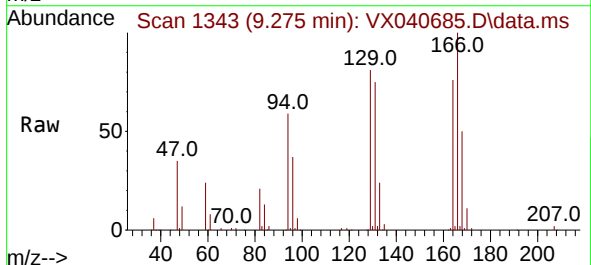
Instrument :
MSVOA_X
ClientSampleId :
YCL20MS

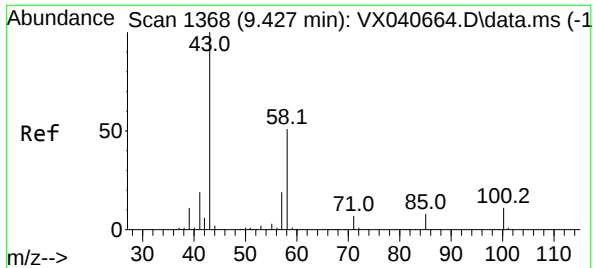
Tgt Ion: 97	Resp: 53147
Ion Ratio	Lower Upper
97 100	
99 65.2	42.6 79.0
83 90.3	59.2 110.0
85 58.0	39.7 73.7



#46
Tetrachloroethene
Concen: 55.076 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX040685.D
Acq: 16 Mar 2024 03:50

Tgt	Ion:164	Resp:	39336
Ion	Ratio	Lower	Upper
164	100		
129	106.8	67.8	126.0
131	98.3	67.8	126.0
166	131.6	88.2	163.8



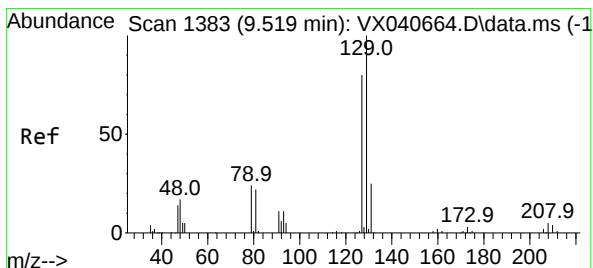
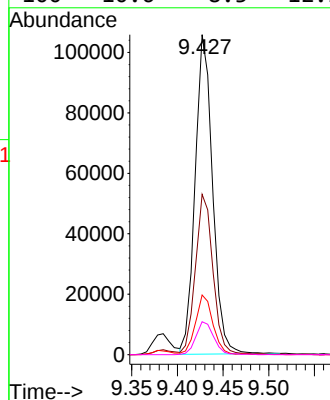
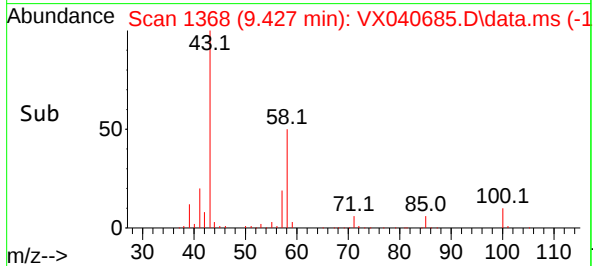
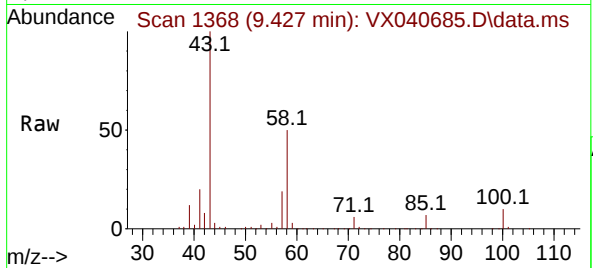


#48
2-Hexanone
Concen: 111.065 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX040685.D
Acq: 16 Mar 2024 03:50

Instrument :
MSVOA_X
ClientSampleId :
YCL20MS

Tgt Ion: 43 Resp: 140745

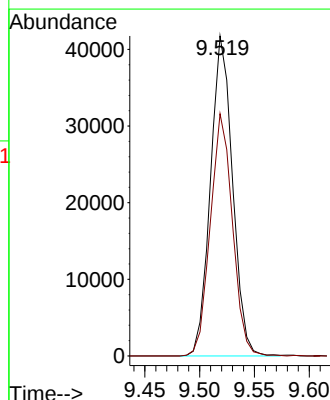
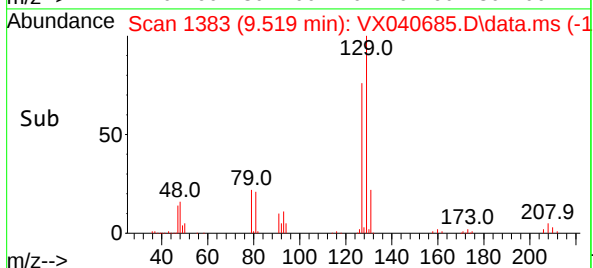
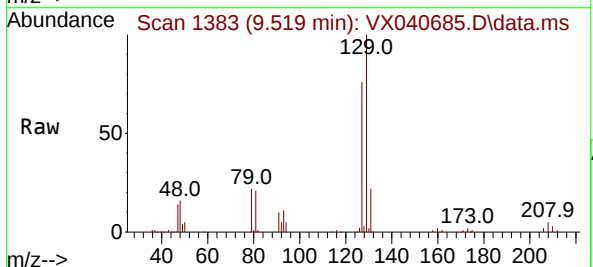
Ion	Ratio	Lower	Upper
43	100		
58	50.4	41.0	61.6
57	18.6	14.8	22.2
100	10.6	8.3	12.5

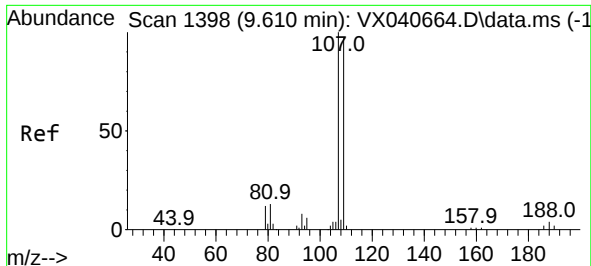


#49
Dibromochloromethane
Concen: 60.868 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX040685.D
Acq: 16 Mar 2024 03:50

Tgt Ion: 129 Resp: 58567

Ion	Ratio	Lower	Upper
129	100		
127	75.7	55.8	103.6

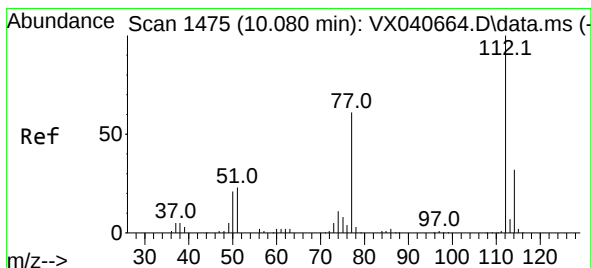
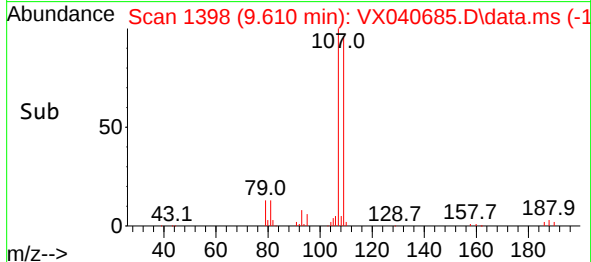
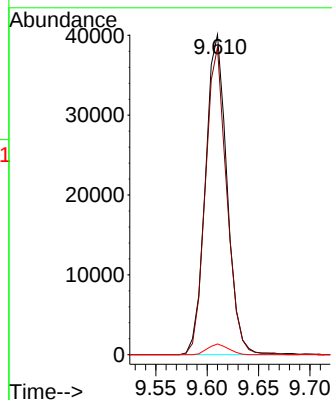
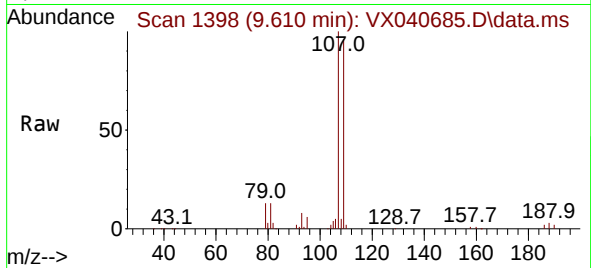




#50
1,2-Dibromoethane
Concen: 59.001 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX040685.D
Acq: 16 Mar 2024 03:50

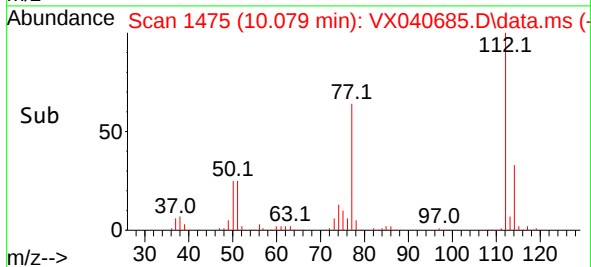
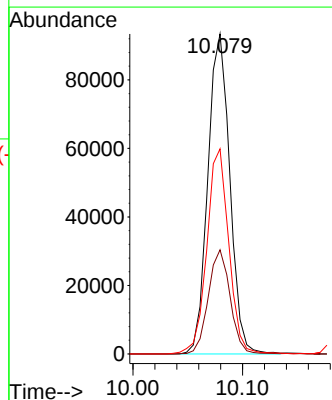
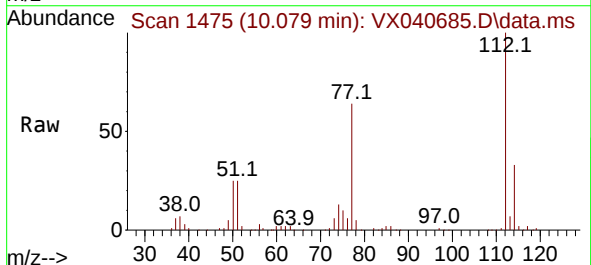
Instrument :
MSVOA_X
ClientSampleId :
YCL20MS

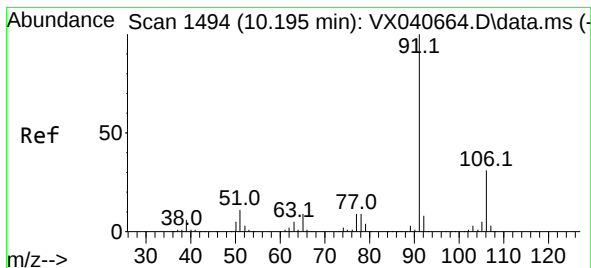
Tgt Ion:	107	Resp:	58429
Ion	Ratio	Lower	Upper
107	100		
109	96.1	62.9	116.7
188	3.4	2.5	3.7



#51
Chlorobenzene
Concen: 54.407 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX040685.D
Acq: 16 Mar 2024 03:50

Tgt Ion:	112	Resp:	130303
Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.4	41.6
77	64.1	50.6	75.8

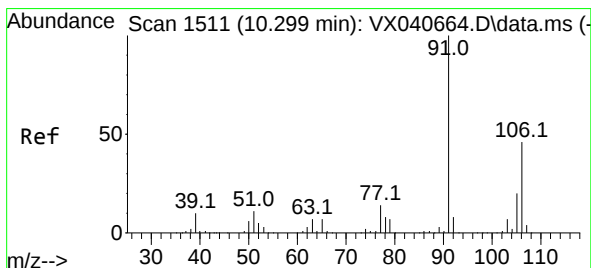
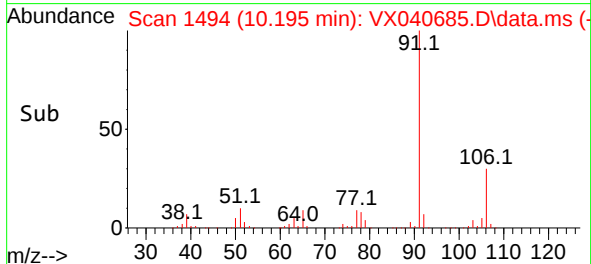
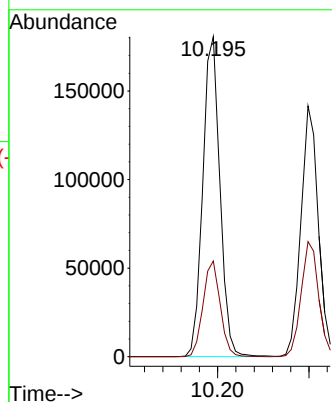
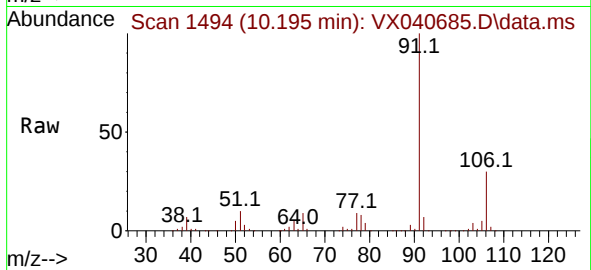




#52
Ethylbenzene
Concen: 54.010 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX040685.D
Acq: 16 Mar 2024 03:50

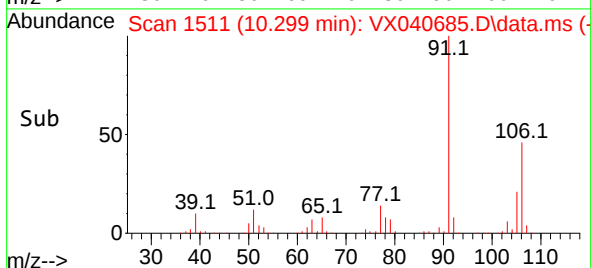
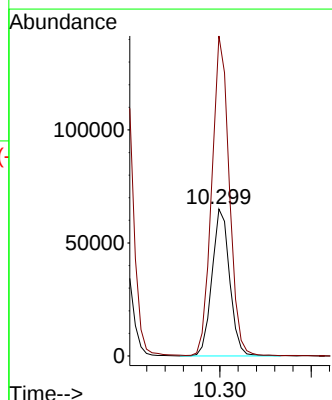
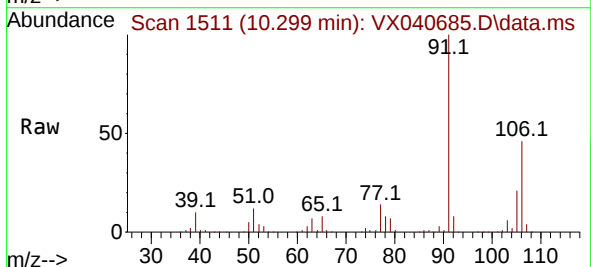
Instrument :
MSVOA_X
ClientSampleId :
YCL20MS

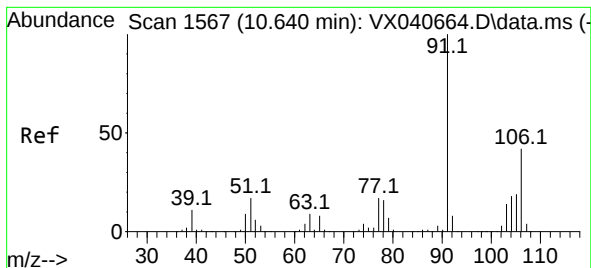
Tgt Ion: 91 Resp: 234622
Ion Ratio Lower Upper
91 100
106 29.9 20.6 38.4



#53
m,p-Xylene
Concen: 55.169 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040685.D
Acq: 16 Mar 2024 03:50

Tgt Ion:106 Resp: 87125
Ion Ratio Lower Upper
106 100
91 218.0 160.4 298.0





#54

o-Xylene

Concen: 55.204 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX040685.D

Acq: 16 Mar 2024 03:50

Instrument :

MSVOA_X

ClientSampleId :

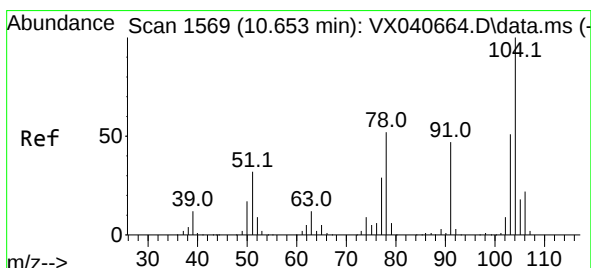
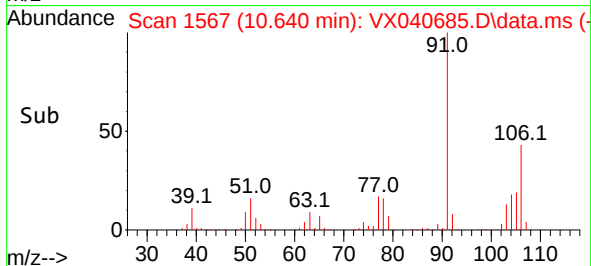
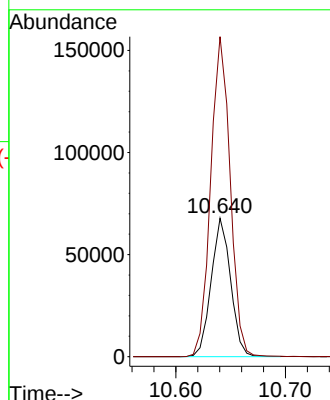
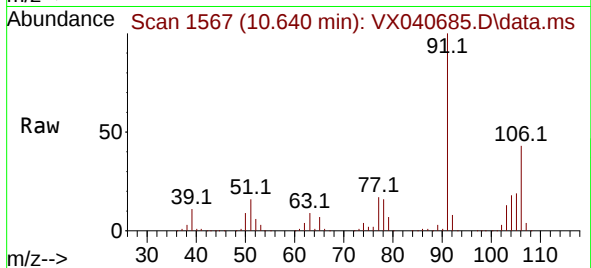
YCL20MS

Tgt Ion:106 Resp: 83687

Ion Ratio Lower Upper

106 100

91 231.2 161.7 300.3



#55

Styrene

Concen: 54.823 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX040685.D

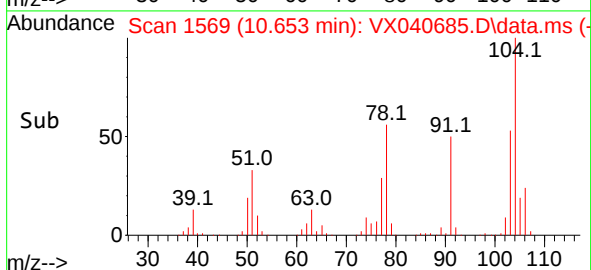
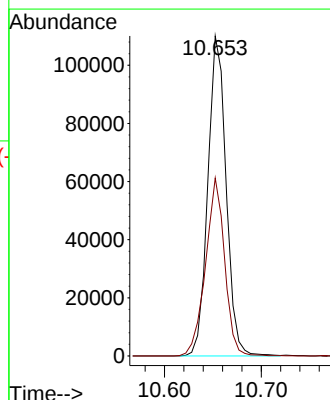
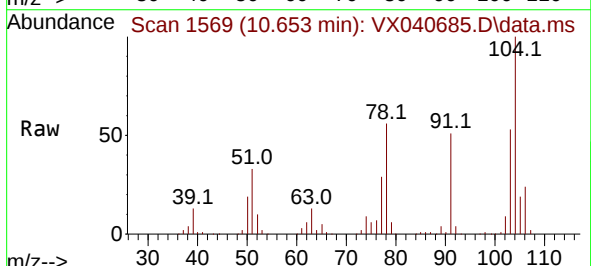
Acq: 16 Mar 2024 03:50

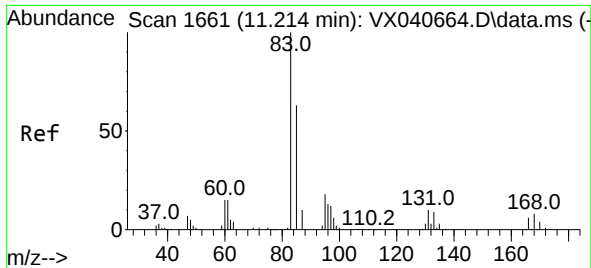
Tgt Ion:104 Resp: 144822

Ion Ratio Lower Upper

104 100

78 55.6 37.2 69.0

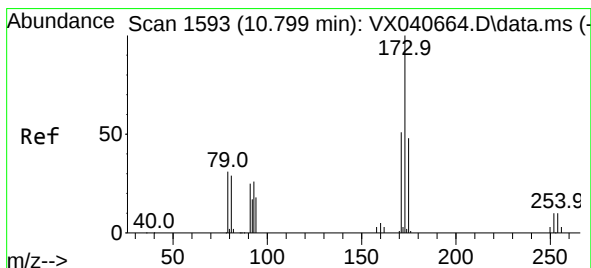
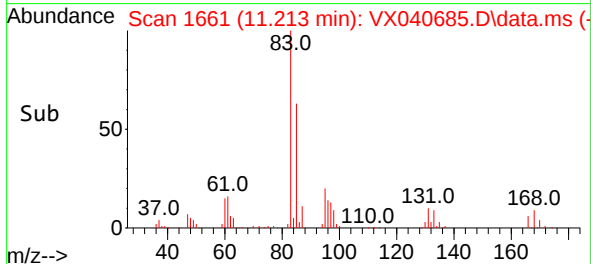
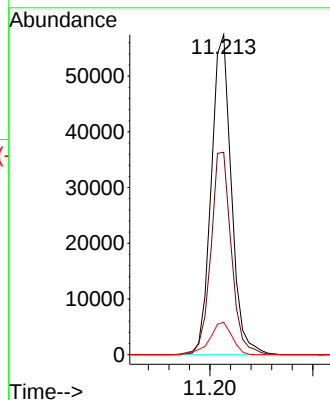
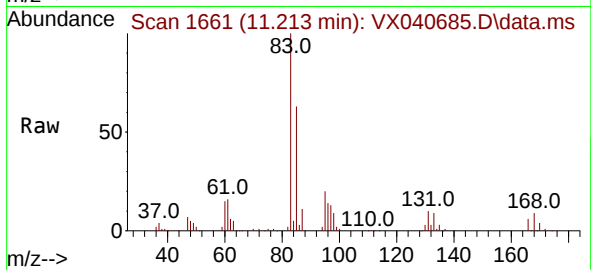




#57
1,1,2,2-Tetrachloroethane
Concen: 51.241 ug/L
RT: 11.213 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040685.D
Acq: 16 Mar 2024 03:50

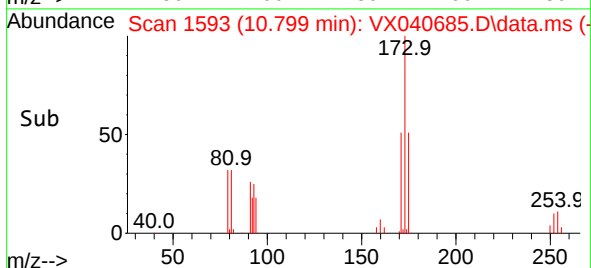
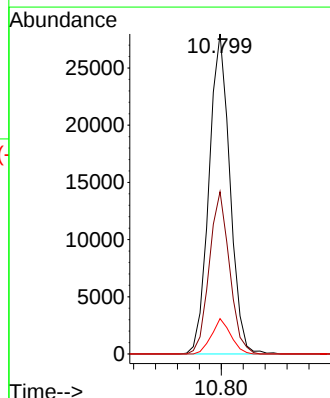
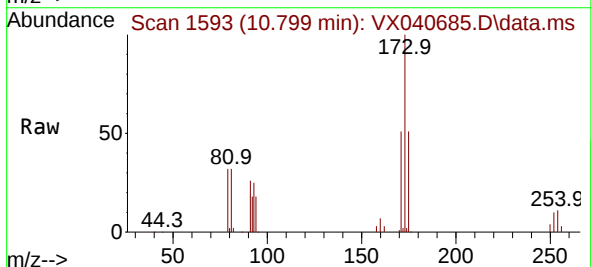
Instrument :
MSVOA_X
ClientSampleId :
YCL20MS

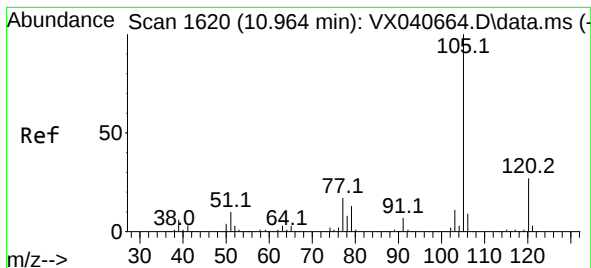
Tgt Ion: 83 Resp: 77774
Ion Ratio Lower Upper
83 100
85 63.2 45.2 84.0
131 10.1 8.2 12.2



#59
Bromoform
Concen: 51.059 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX040685.D
Acq: 16 Mar 2024 03:50

Tgt Ion:173 Resp: 37027
Ion Ratio Lower Upper
173 100
175 49.0 39.4 59.0
254 10.1 7.9 11.9





#60

Isopropylbenzene

Concen: 54.963 ug/L

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX040685.D

Acq: 16 Mar 2024 03:50

Instrument :

MSVOA_X

ClientSampleId :

YCL20MS

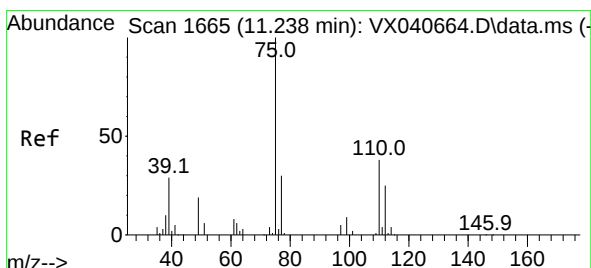
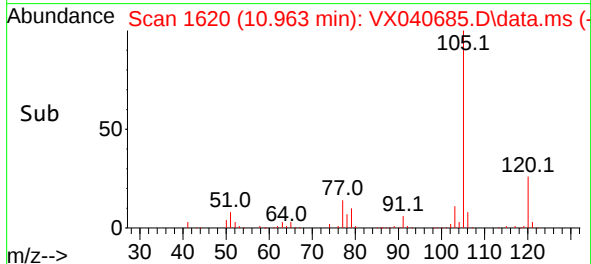
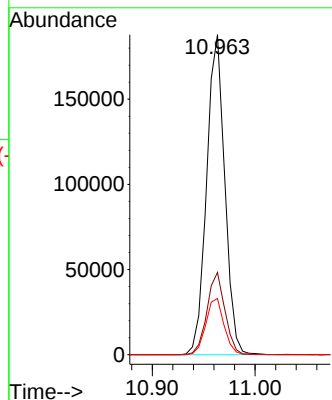
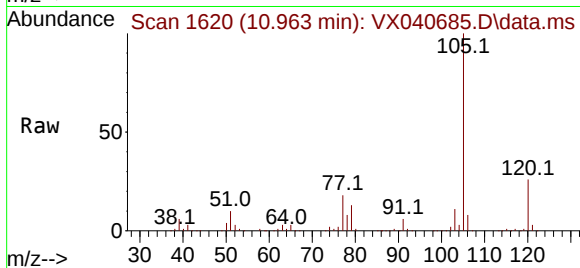
Tgt Ion:105 Resp: 230712

Ion Ratio Lower Upper

105 100

120 25.4 20.1 30.1

77 17.7 13.9 20.9



#61

1,2,3-Trichloropropane

Concen: 51.437 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX040685.D

Acq: 16 Mar 2024 03:50

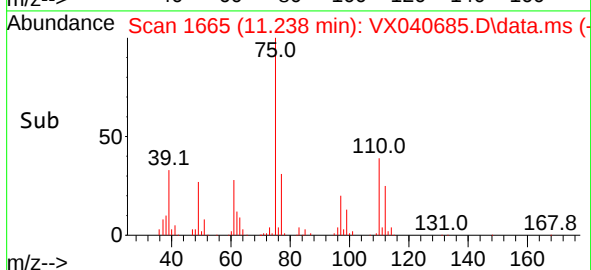
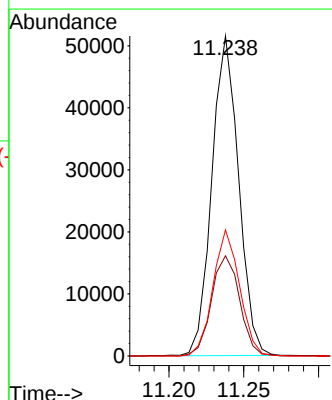
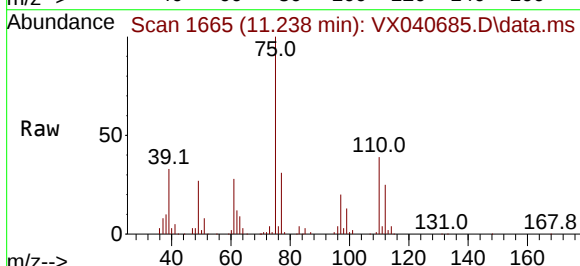
Tgt Ion: 75 Resp: 64086

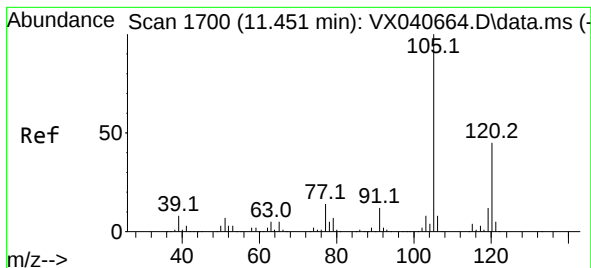
Ion Ratio Lower Upper

75 100

77 33.0 25.7 38.5

110 39.3 31.0 46.4

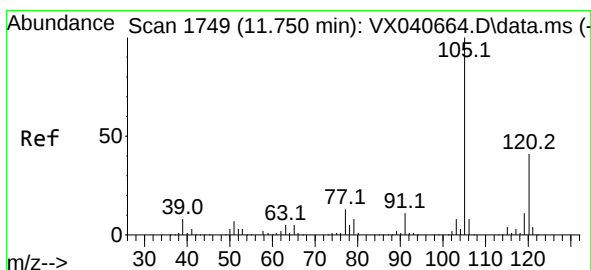
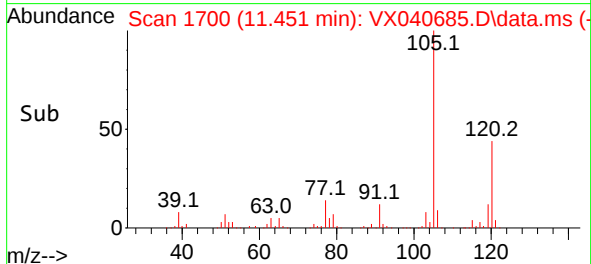
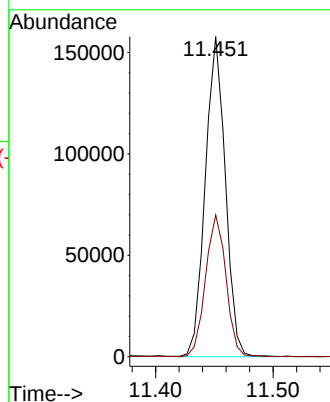
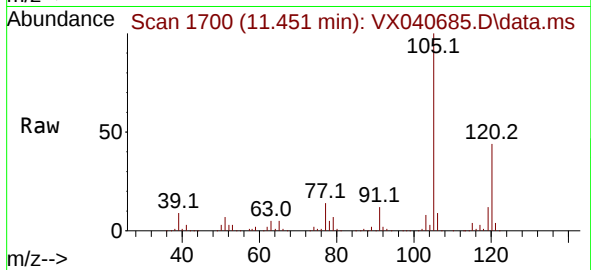




#62
1,3,5-Trimethylbenzene
Concen: 53.604 ug/L
RT: 11.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040685.D
Acq: 16 Mar 2024 03:50

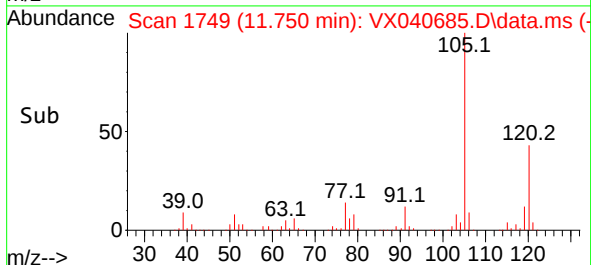
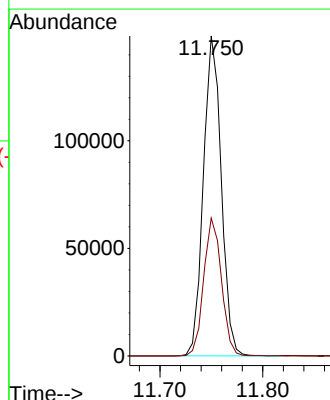
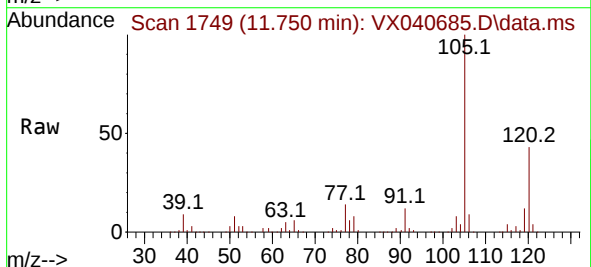
Instrument :
MSVOA_X
ClientSampleId :
YCL20MS

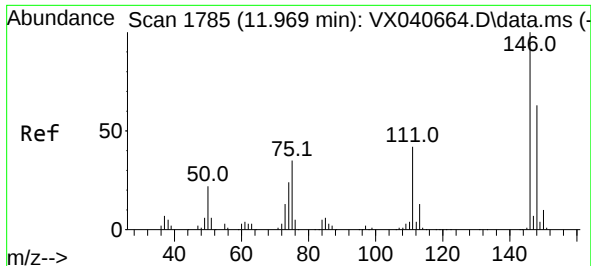
Tgt Ion:105 Resp: 186555
Ion Ratio Lower Upper
105 100
120 44.9 36.2 54.2



#63
1,2,4-Trimethylbenzene
Concen: 51.718 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX040685.D
Acq: 16 Mar 2024 03:50

Tgt Ion:105 Resp: 179982
Ion Ratio Lower Upper
105 100
120 42.7 33.9 50.9

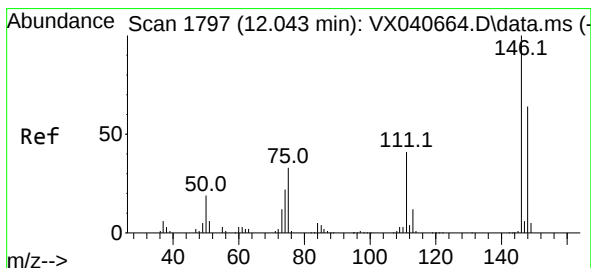
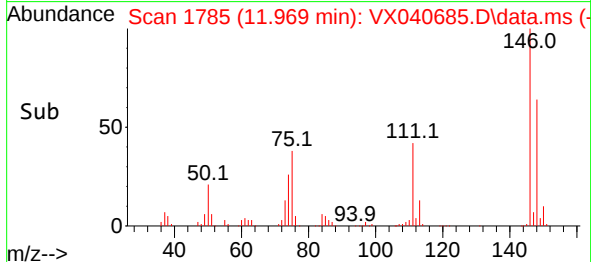
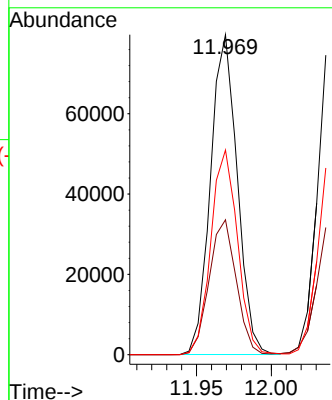
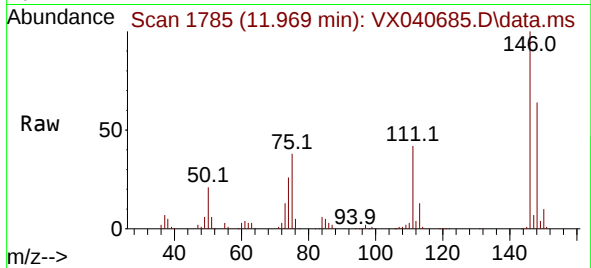




#64
1,3-Dichlorobenzene
Concen: 53.963 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX040685.D
Acq: 16 Mar 2024 03:50

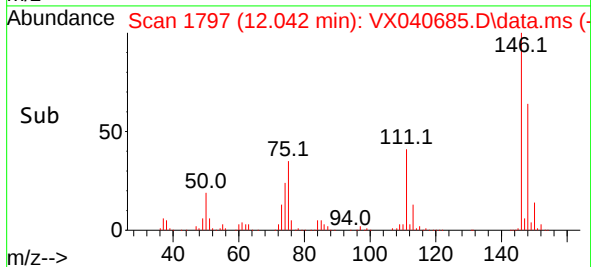
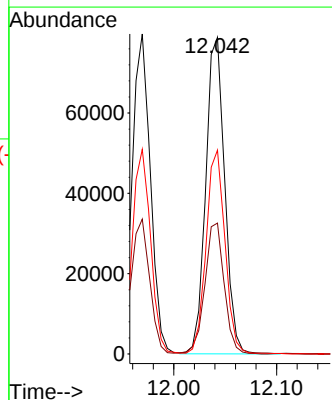
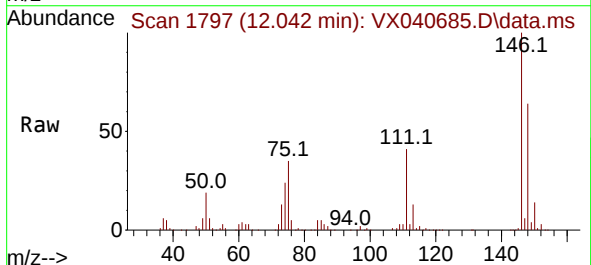
Instrument :
MSVOA_X
ClientSampleId :
YCL20MS

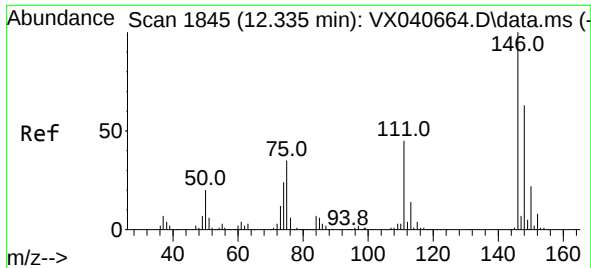
Tgt Ion:146 Resp: 99169
Ion Ratio Lower Upper
146 100
111 42.2 30.0 55.6
148 63.9 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 54.112 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX040685.D
Acq: 16 Mar 2024 03:50

Tgt Ion:146 Resp: 101129
Ion Ratio Lower Upper
146 100
111 41.4 28.8 53.4
148 64.4 45.1 83.7

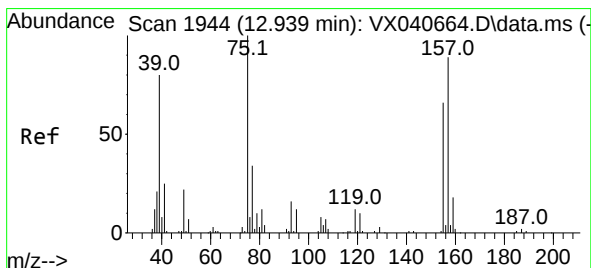
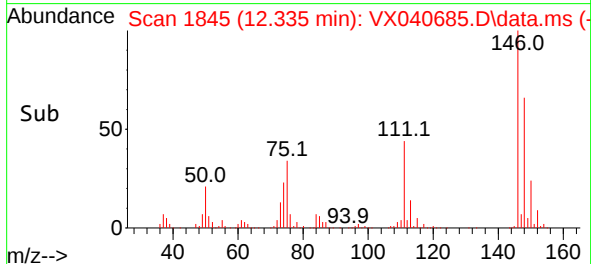
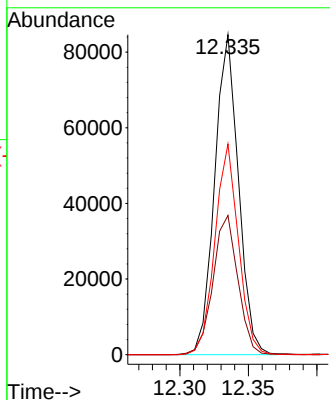
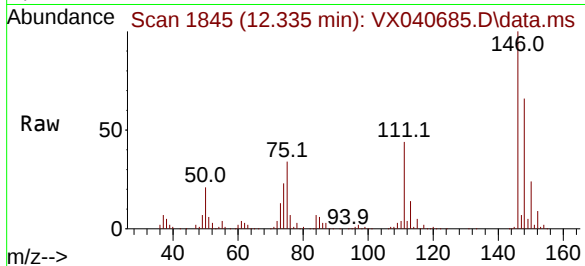




#67
 1,2-Dichlorobenzene
 Concen: 58.493 ug/L
 RT: 12.335 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: VX040685.D
 Acq: 16 Mar 2024 03:50

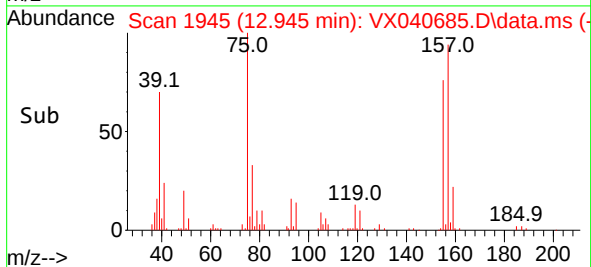
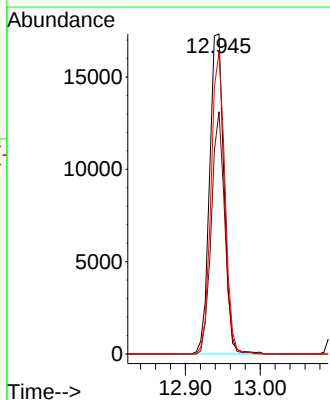
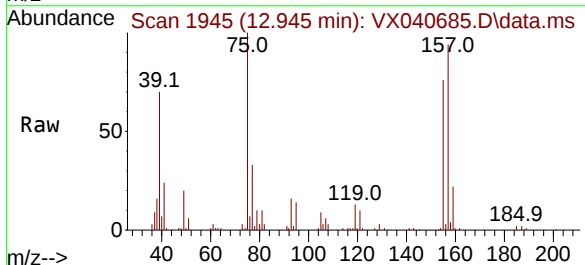
Instrument :
 MSVOA_X
 ClientSampleId :
 YCL20MS

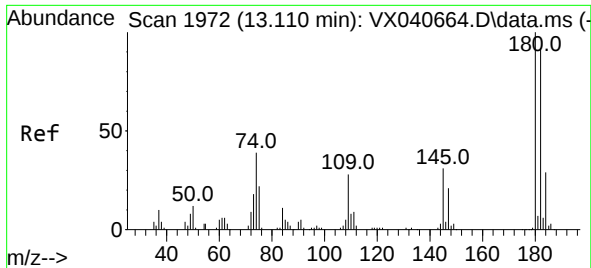
Tgt Ion:146 Resp: 102217
 Ion Ratio Lower Upper
 146 100
 111 43.5 35.8 53.8
 148 65.8 51.0 76.4



#68
 1,2-Dibromo-3-chloropropane
 Concen: 63.441 ug/L
 RT: 12.945 min Scan# 1945
 Delta R.T. 0.006 min
 Lab File: VX040685.D
 Acq: 16 Mar 2024 03:50

Tgt Ion: 75 Resp: 23139
 Ion Ratio Lower Upper
 75 100
 155 75.7 53.9 80.9
 157 94.3 64.5 96.7

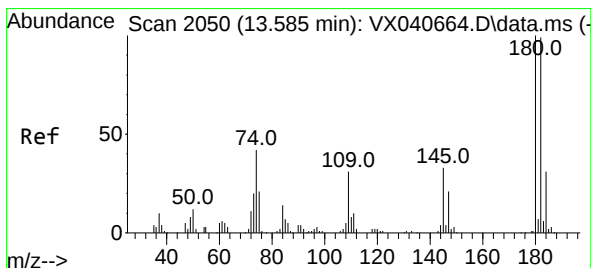
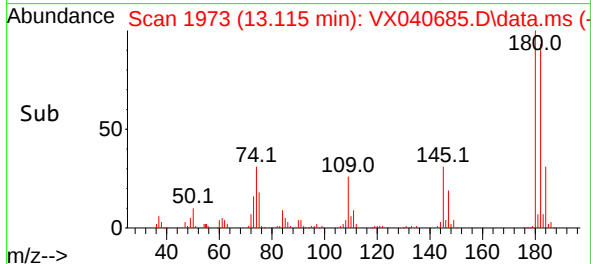
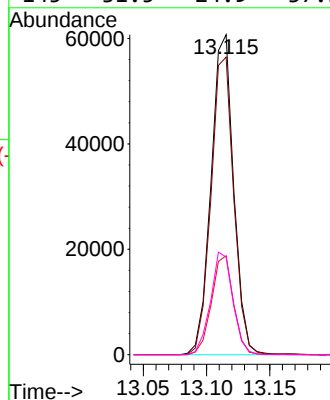
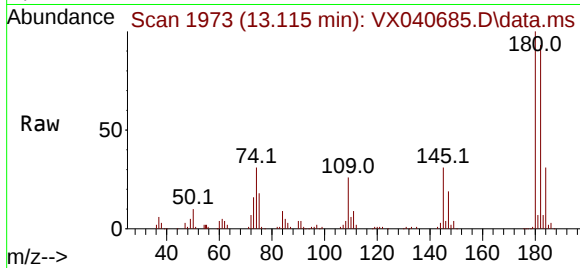




#69
1,3,5-Trichlorobenzene
Concen: 61.170 ug/L
RT: 13.115 min Scan# 1973
Delta R.T. 0.006 min
Lab File: VX040685.D
Acq: 16 Mar 2024 03:50

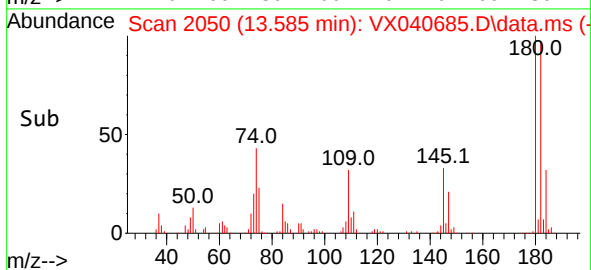
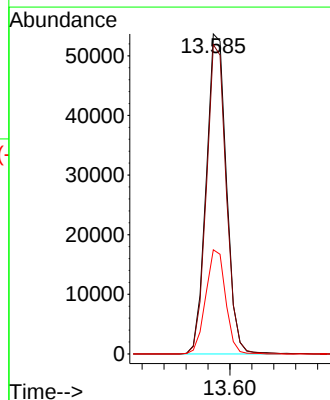
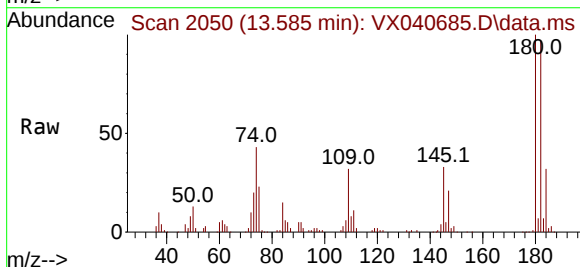
Instrument :
MSVOA_X
ClientSampleId :
YCL20MS

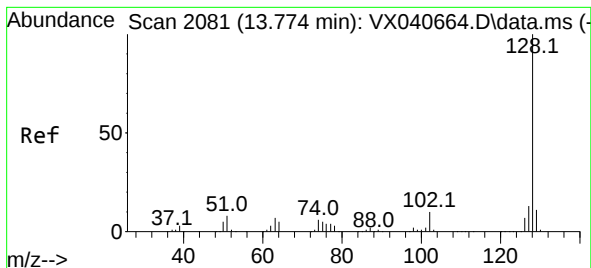
Tgt Ion:180	Resp:	75458
Ion Ratio	Lower	Upper
180	100	
182	93.2	76.6 115.0
184	30.0	24.3 36.5
145	31.5	24.9 37.3



#70
1,2,4-trichlorobenzene
Concen: 59.886 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX040685.D
Acq: 16 Mar 2024 03:50

Tgt Ion:180	Resp:	68508
Ion Ratio	Lower	Upper
180	100	
182	95.2	75.1 112.7
145	32.0	26.2 39.4





#71

Naphthalene

Concen: 63.573 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX040685.D

Acq: 16 Mar 2024 03:50

Instrument :

MSVOA_X

ClientSampleId :

YCL20MS

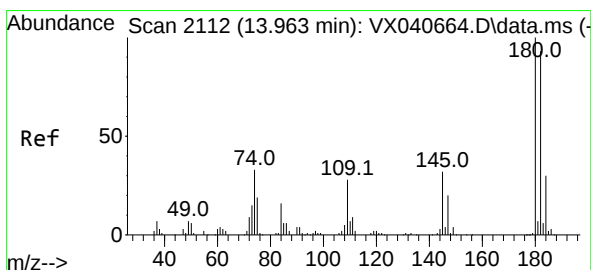
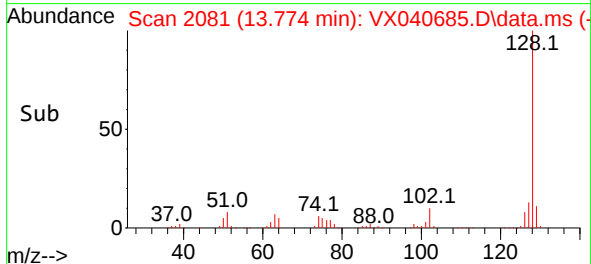
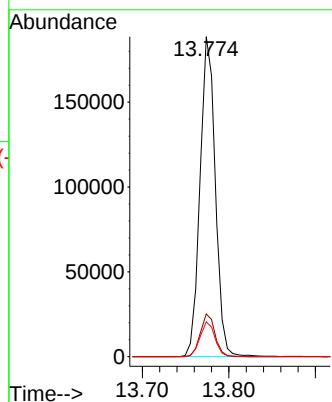
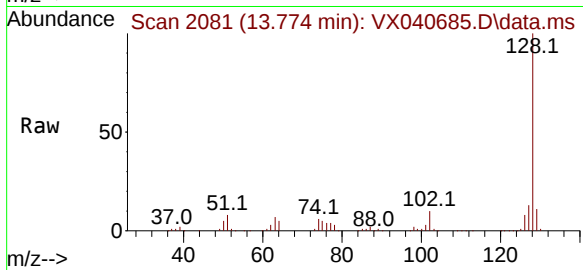
Tgt Ion:128 Resp: 231159

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.7 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 60.810 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX040685.D

Acq: 16 Mar 2024 03:50

Tgt Ion:180 Resp: 68527

Ion Ratio Lower Upper

180 100

182 96.8 76.9 115.3

145 34.7 27.8 41.8

