

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072424\
 Data File : VX042490.D
 Acq On : 23 Jul 2024 22:17
 Operator : JC/MD
 Sample : P3327-28MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E20F8MSD

Quant Time: Jul 24 03:54:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 24 03:44:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	212178	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	194207	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	101192	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	48967	39.649	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.300%
7) Chloroethane-d5	1.654	69	38449	49.446	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.900%
11) 1,1-Dichloroethene-d2	2.300	65	23815	44.060	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.120%
21) 2-Butanone-d5	4.465	46	88852	99.834	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.830%
24) Chloroform-d	5.062	84	119834	48.258	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.520%
26) 1,2-Dichloroethane-d4	5.958	65	71118	48.522	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.040%
32) Benzene-d6	5.977	84	233792	46.574	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.140%
36) 1,2-Dichloropropane-d6	7.312	67	71180	47.118	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.240%
41) Toluene-d8	8.647	98	219485	46.919	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.840%
43) trans-1,3-Dichloroprop...	8.952	79	31008	47.493	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.980%
47) 2-Hexanone-d5	9.384	63	67254	98.078	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.080%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	106179	47.542	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.080%
66) 1,2-Dichlorobenzene-d4	12.317	152	92270	46.945	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	64399	42.433	ug/L	100
3) Chloromethane	1.301	50	61557	40.136	ug/L	99
5) Vinyl chloride	1.374	62	155354	102.986	ug/L	99
6) Bromomethane	1.599	94	34403	41.854	ug/L	99
8) Chloroethane	1.679	64	36236	48.192	ug/L	95
9) Trichlorofluoromethane	1.886	101	101498	51.699	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	69022	51.014	ug/L	99
12) 1,1-Dichloroethene	2.319	96	65636	51.215	ug/L #	81
13) Acetone	2.386	43	67211	110.701	ug/L	96
14) Carbon disulfide	2.514	76	123605	38.768	ug/L	99
15) Methyl Acetate	2.709	43	71450	46.317	ug/L	99
16) Methylene chloride	2.788	84	71896	45.470	ug/L	96
17) trans-1,2-Dichloroethene	3.093	96	69182	52.484	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	234223	54.338	ug/L	99
19) 1,1-Dichloroethane	3.611	63	136421	57.634	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	876218	565.819	ug/L	99
22) 2-Butanone	4.562	43	114193	112.361	ug/L	98
23) Bromochloromethane	4.910	128	41138	49.708	ug/L	99
25) Chloroform	5.093	83	135459	54.580	ug/L	99

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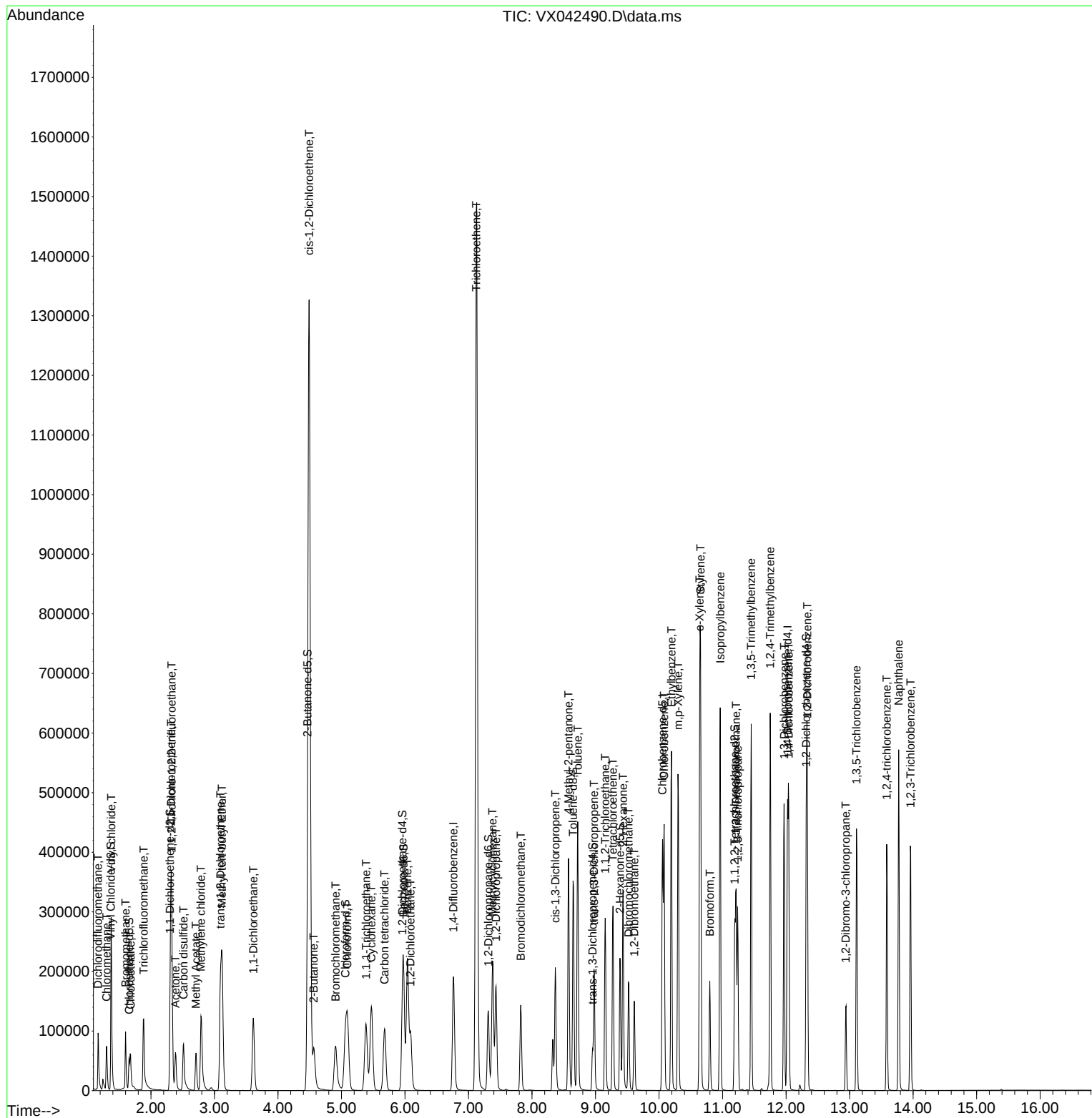
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	101577	55.228	ug/L	100
29) Cyclohexane	5.471	56	97665	46.532	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	115506	54.629	ug/L	100
31) Carbon tetrachloride	5.678	117	101838	55.140	ug/L	99
33) Benzene	6.038	78	278954	51.365	ug/L	100
34) Trichloroethene	7.123	95	581222	408.572	ug/L	98
35) Methylcyclohexane	7.379	83	104582	48.485	ug/L	99
37) 1,2-Dichloropropane	7.434	63	75970	54.519	ug/L	99
38) Bromodichloromethane	7.824	83	95045	55.700	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	109750	53.490	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	223988	112.697	ug/L	99
42) Toluene	8.720	91	301970	52.110	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	100658	54.718	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	81461	54.637	ug/L	96
46) Tetrachloroethene	9.275	164	66644	50.049	ug/L	98
48) 2-Hexanone	9.433	43	172675	110.631	ug/L	99
49) Dibromochloromethane	9.519	129	84675	55.763	ug/L	99
50) 1,2-Dibromoethane	9.610	107	86337	53.917	ug/L	98
51) Chlorobenzene	10.079	112	205625	51.692	ug/L	99
52) Ethylbenzene	10.195	91	333630	52.980	ug/L	99
53) m,p-Xylene	10.299	106	133736	52.762	ug/L	97
54) o-Xylene	10.640	106	132603	52.373	ug/L	98
55) Styrene	10.653	104	223851	53.060	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	129767	54.227	ug/L	99
59) Bromoform	10.799	173	70559	55.628	ug/L	99
60) Isopropylbenzene	10.963	105	347365	54.828	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	98131	54.612	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	259696	53.906	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	279989	54.230	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	168668	53.085	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	169764	52.820	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	174639	53.394	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	26128	56.803	ug/L	86
69) 1,3,5-Trichlorobenzene	13.109	180	120896	52.368	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	108962	51.892	ug/L	99
71) Naphthalene	13.774	128	358213	55.185	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	117903	53.138	ug/L	99

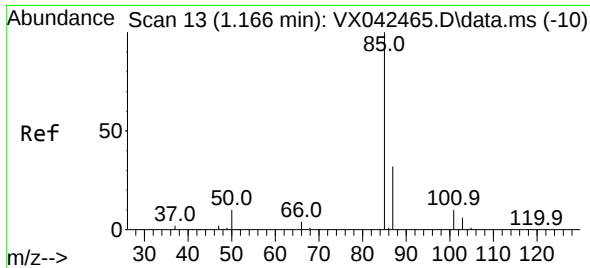
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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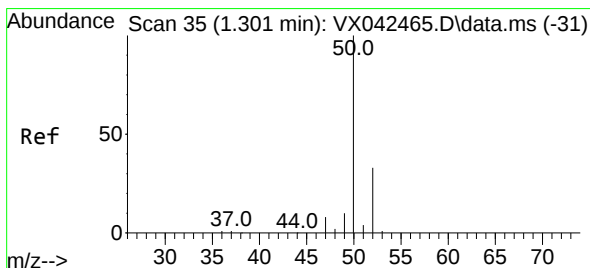
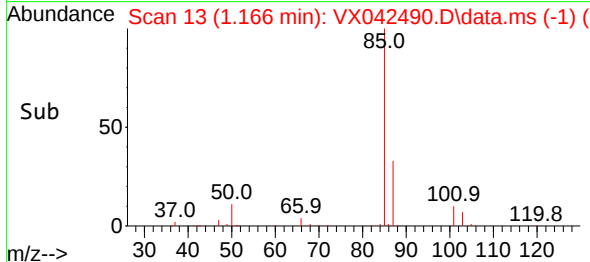
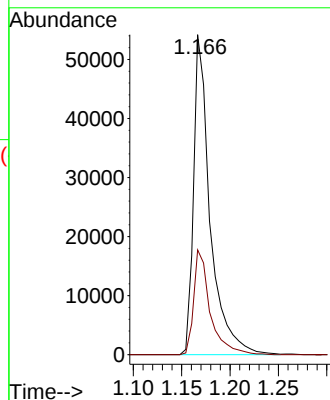
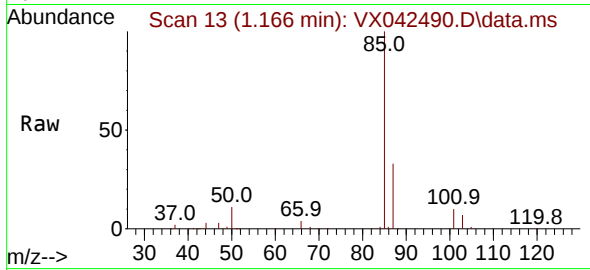




#2
Dichlorodifluoromethane
Concen: 42.433 ug/L
RT: 1.166 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042490.D
Acq: 23 Jul 2024 22:17

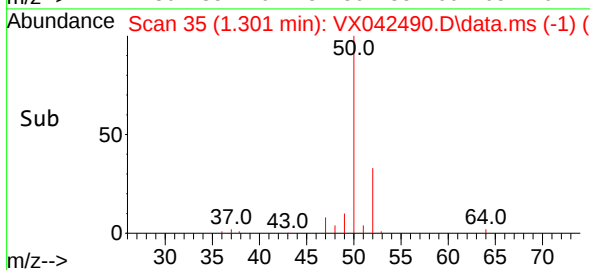
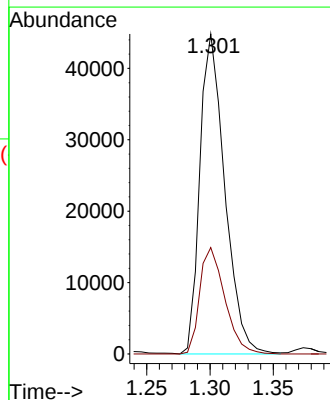
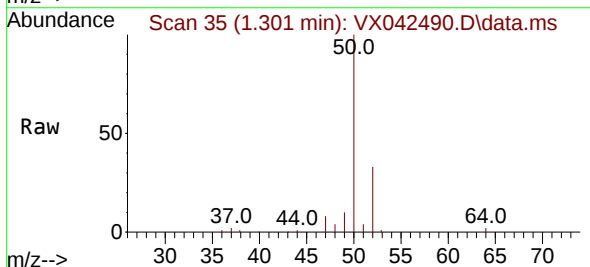
Instrument :
MSVOA_X
ClientSampleId :
E20F8MSD

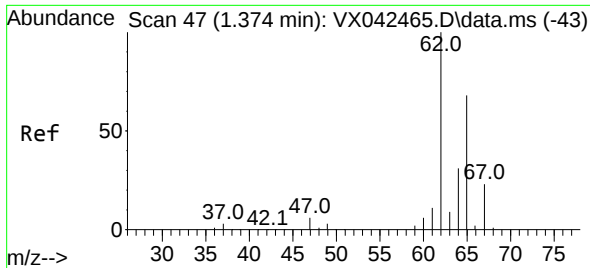
Tgt Ion: 85 Resp: 64399
Ion Ratio Lower Upper
85 100
87 32.7 26.0 39.0



#3
Chloromethane
Concen: 40.136 ug/L
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX042490.D
Acq: 23 Jul 2024 22:17

Tgt Ion: 50 Resp: 61557
Ion Ratio Lower Upper
50 100
52 33.2 23.5 43.7

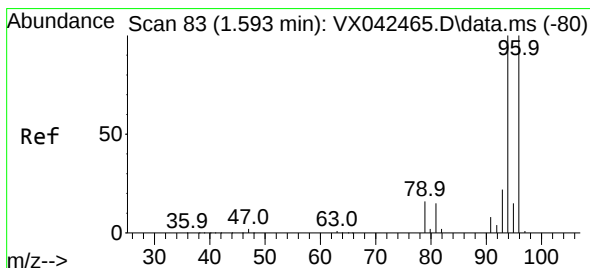
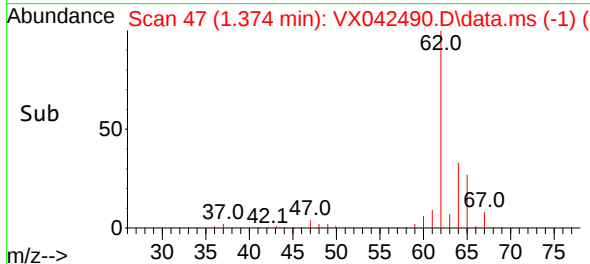
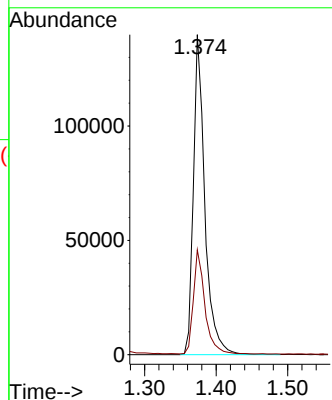
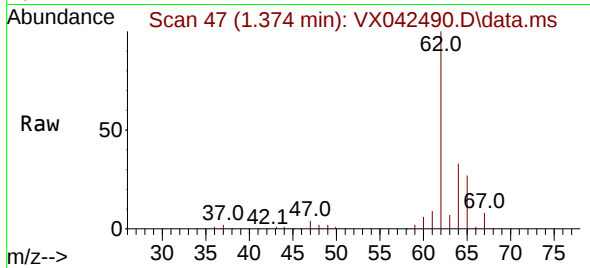




#5
Vinyl chloride
Concen: 102.986 ug/L
RT: 1.374 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX042490.D
Acq: 23 Jul 2024 22:17

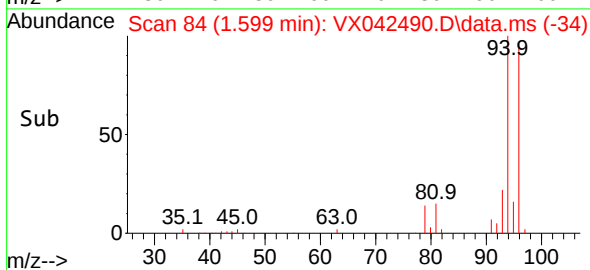
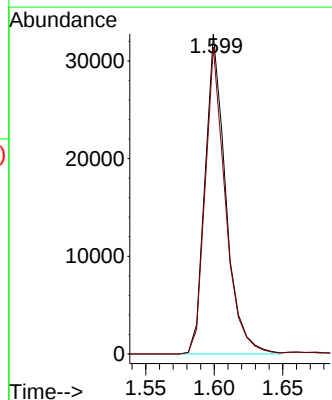
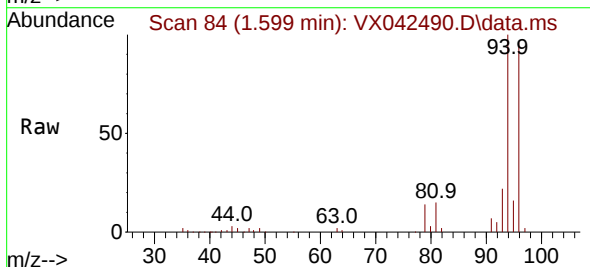
Instrument :
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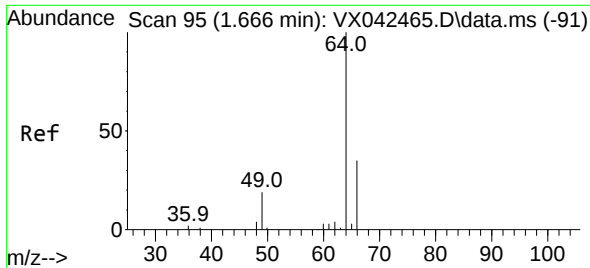
Tgt Ion: 62 Resp: 155354
Ion Ratio Lower Upper
62 100
64 32.7 23.2 43.0



#6
Bromomethane
Concen: 41.854 ug/L
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX042490.D
Acq: 23 Jul 2024 22:17

Tgt Ion: 94 Resp: 34403
Ion Ratio Lower Upper
94 100
96 96.0 66.4 123.4

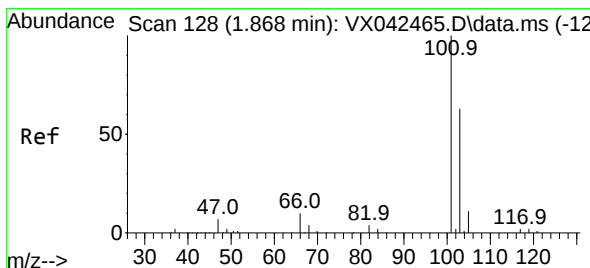
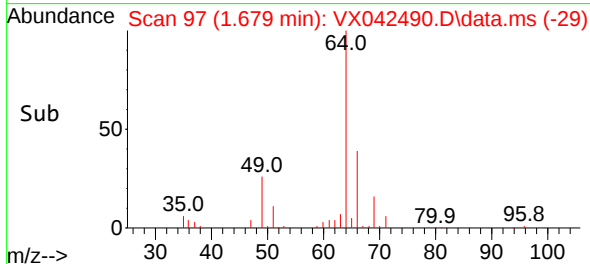
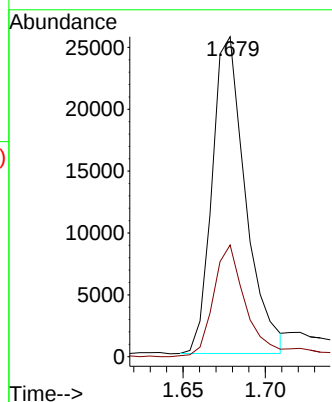
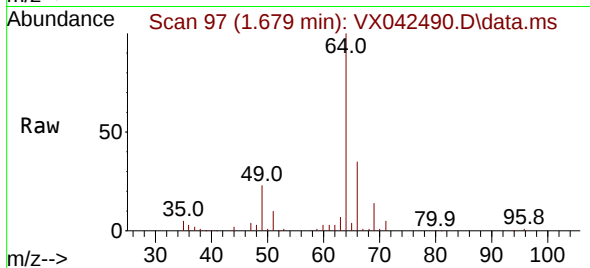




#8
Chloroethane
Concen: 48.192 ug/L
RT: 1.679 min Scan# 91
Delta R.T. 0.012 min
Lab File: VX042490.D
Acq: 23 Jul 2024 22:17

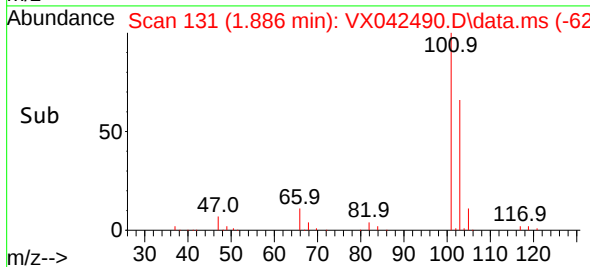
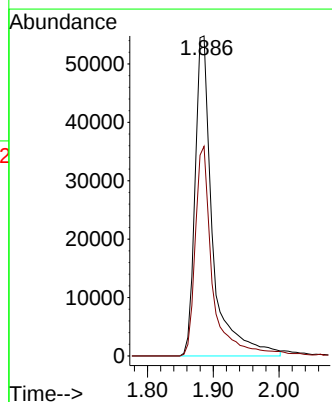
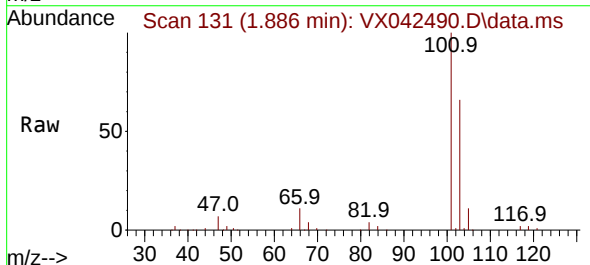
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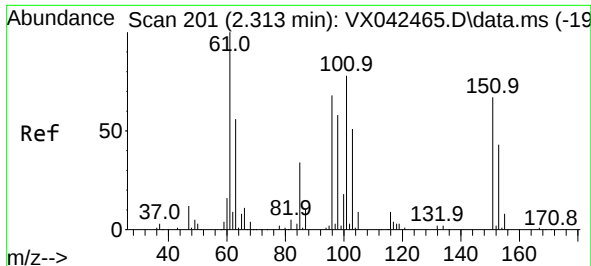
Tgt Ion: 64 Resp: 36236
Ion Ratio Lower Upper
64 100
66 34.9 22.5 41.7



#9
Trichlorofluoromethane
Concen: 51.699 ug/L
RT: 1.886 min Scan# 131
Delta R.T. 0.018 min
Lab File: VX042490.D
Acq: 23 Jul 2024 22:17

Tgt Ion:101 Resp: 101498
Ion Ratio Lower Upper
101 100
103 64.8 50.2 75.4

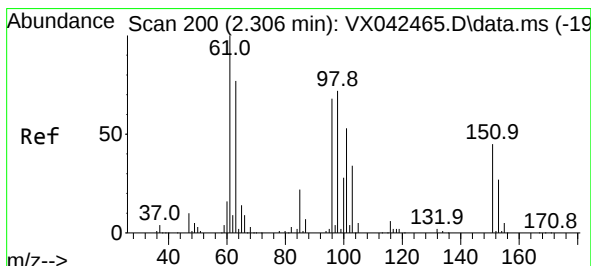
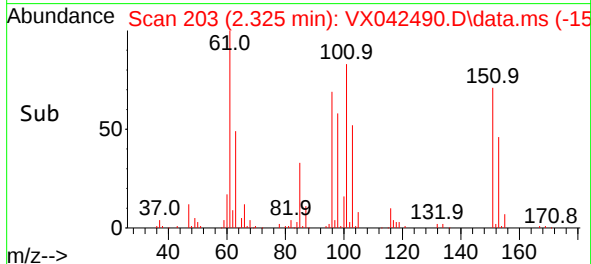
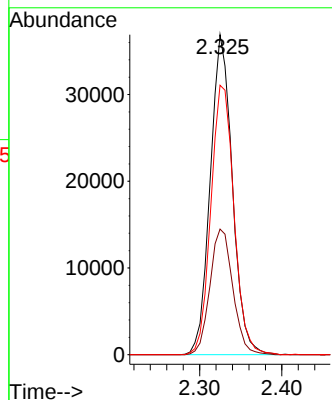
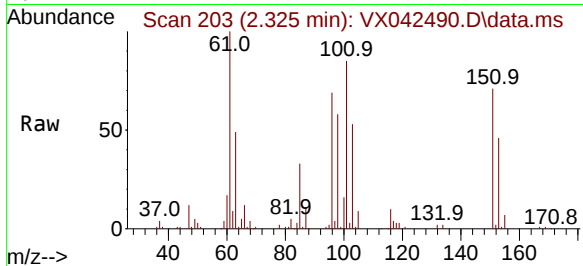




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 51.014 ug/L
RT: 2.325 min Scan# 201
Delta R.T. 0.012 min
Lab File: VX042490.D
Acq: 23 Jul 2024 22:17

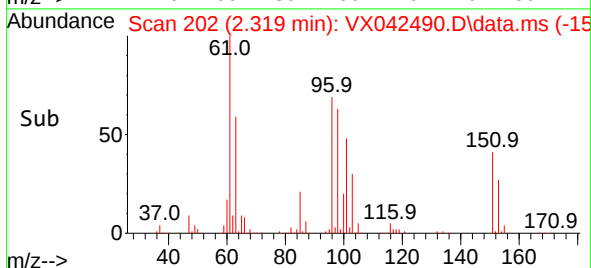
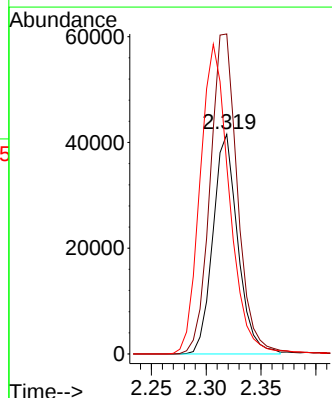
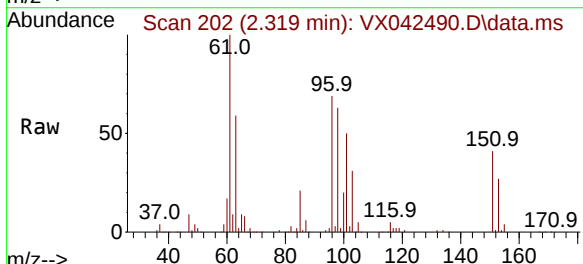
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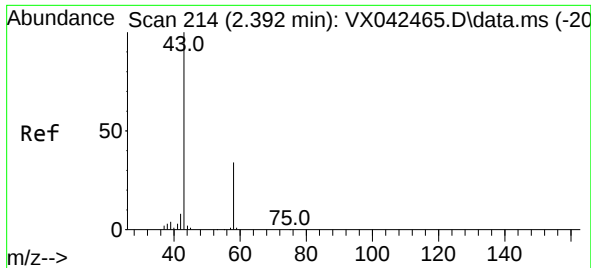
Tgt Ion:101 Resp: 69022
Ion Ratio Lower Upper
101 100
85 40.6 31.3 46.9
151 87.8 69.7 104.5



#12
1,1-Dichloroethene
Concen: 51.215 ug/L
RT: 2.319 min Scan# 202
Delta R.T. 0.012 min
Lab File: VX042490.D
Acq: 23 Jul 2024 22:17

Tgt Ion: 96 Resp: 65636
Ion Ratio Lower Upper
96 100
61 145.7 106.7 198.1
63 85.9 89.2 165.6#





#13

Acetone

Concen: 110.701 ug/L

RT: 2.386 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX042490.D

Acq: 23 Jul 2024 22:17

Instrument :

MSVOA_X

ClientSampleId :

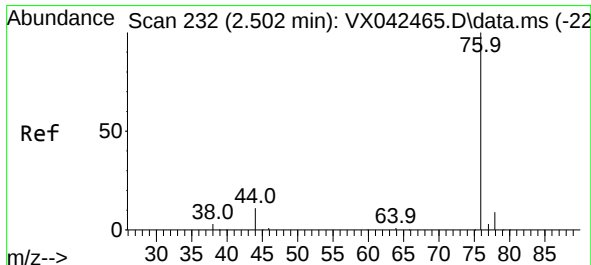
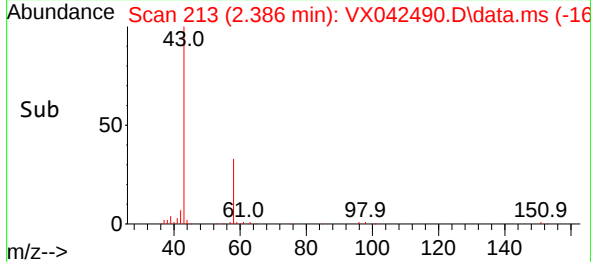
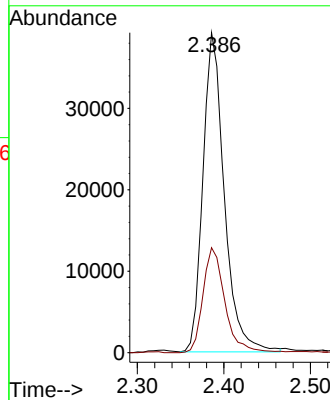
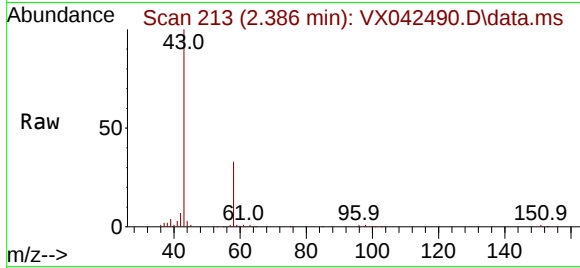
E20F8MSD

Tgt Ion: 43 Resp: 67211

Ion Ratio Lower Upper

43 100

58 33.7 0.0 62.6



#14

Carbon disulfide

Concen: 38.768 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.012 min

Lab File: VX042490.D

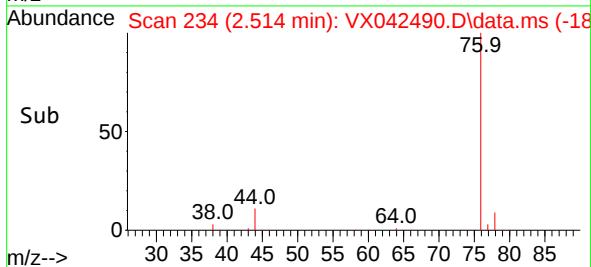
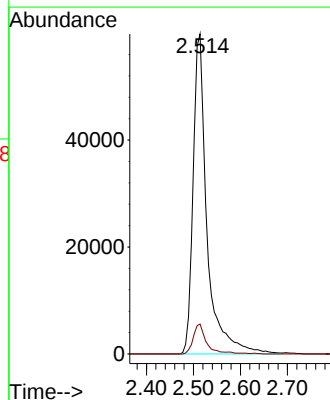
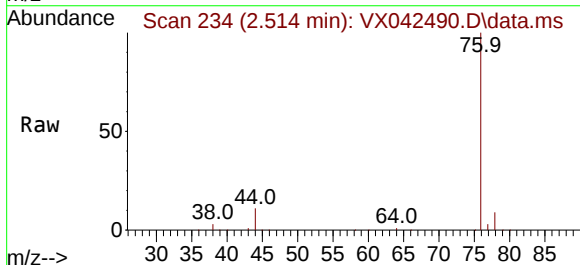
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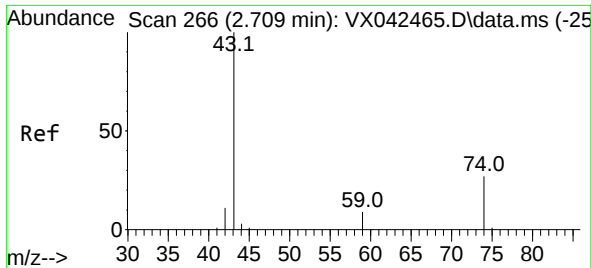
Tgt Ion: 76 Resp: 123605

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7

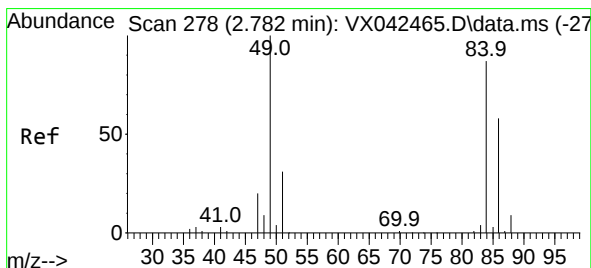
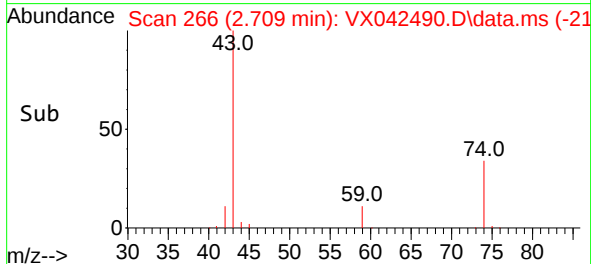
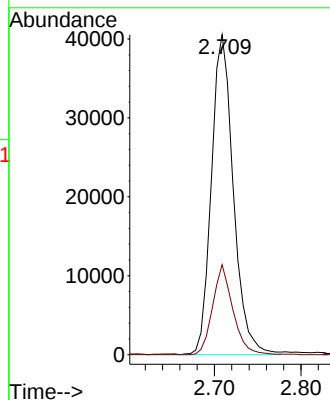
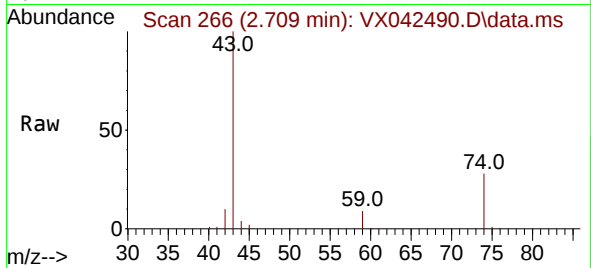




#15
Methyl Acetate
Concen: 46.317 ug/L
RT: 2.709 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX042490.D
Acq: 23 Jul 2024 22:17

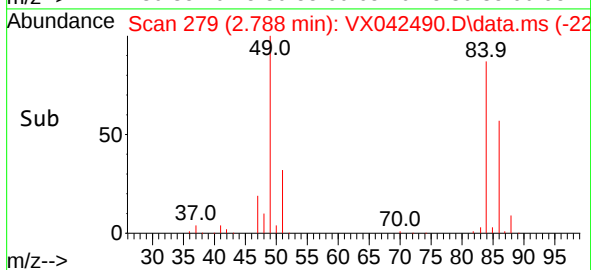
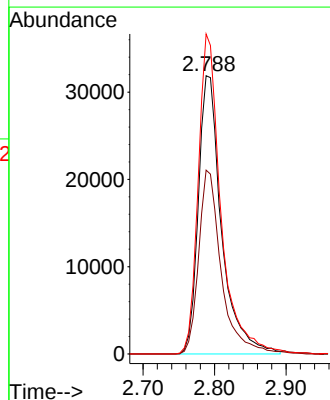
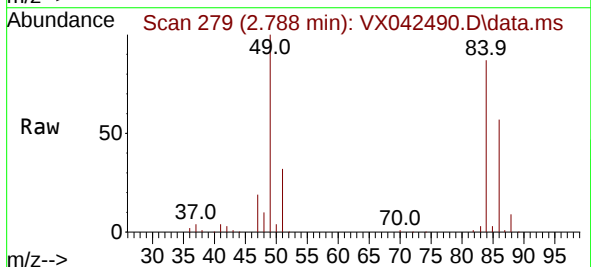
Instrument :
MSVOA_X
ClientSampleId :
E20F8MSD

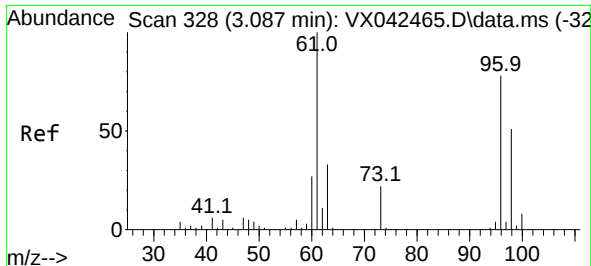
Tgt Ion: 43 Resp: 71450
Ion Ratio Lower Upper
43 100
74 25.8 20.1 30.1



#16
Methylene chloride
Concen: 45.470 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX042490.D
Acq: 23 Jul 2024 22:17

Tgt Ion: 84 Resp: 71896
Ion Ratio Lower Upper
84 100
86 66.1 45.7 84.9
49 115.0 76.4 141.8

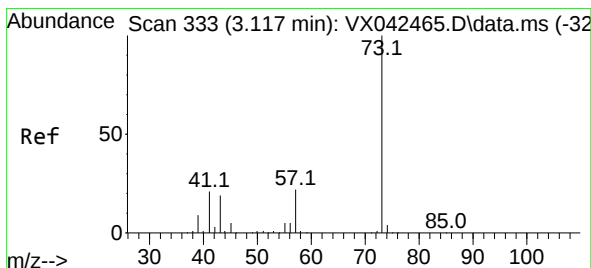
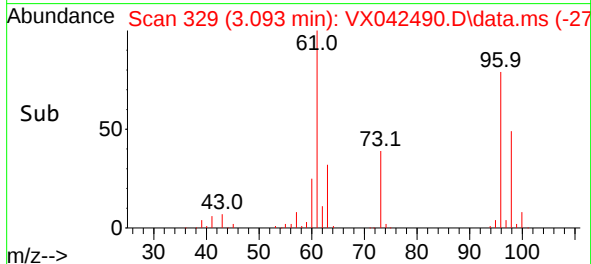
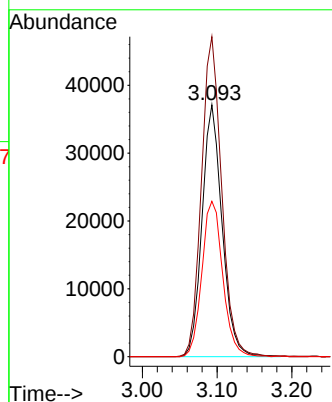
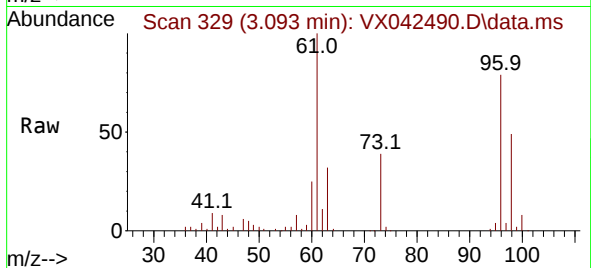




#17
trans-1,2-Dichloroethene
Concen: 52.484 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX042490.D
Acq: 23 Jul 2024 22:17

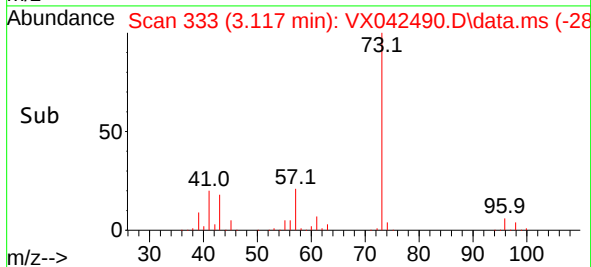
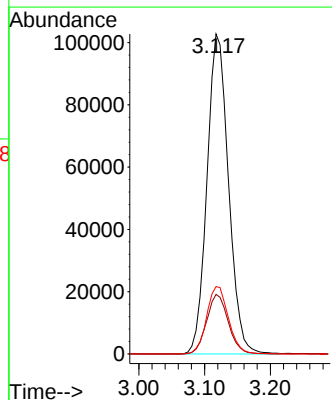
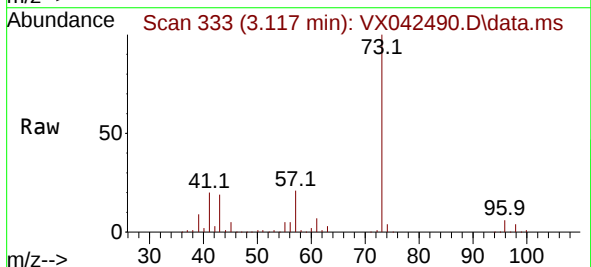
Instrument :
MSVOA_X
ClientSampleId :
E20F8MSD

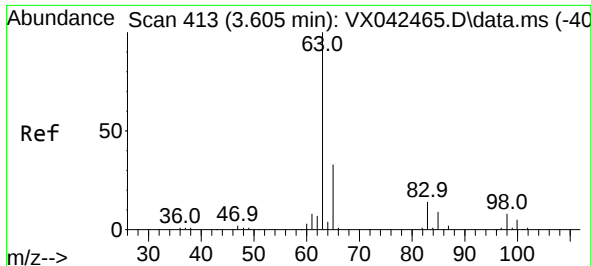
Tgt Ion: 96 Resp: 69182
Ion Ratio Lower Upper
96 100
61 127.0 88.4 164.2
98 61.7 46.5 86.5



#18
Methyl tert-butyl Ether
Concen: 54.338 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX042490.D
Acq: 23 Jul 2024 22:17

Tgt Ion: 73 Resp: 234223
Ion Ratio Lower Upper
73 100
43 18.8 14.5 21.7
57 21.3 17.5 26.3





#19

1,1-Dichloroethane

Concen: 57.634 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX042490.D

Acq: 23 Jul 2024 22:17

Instrument :

MSVOA_X

ClientSampleId :

E20F8MSD

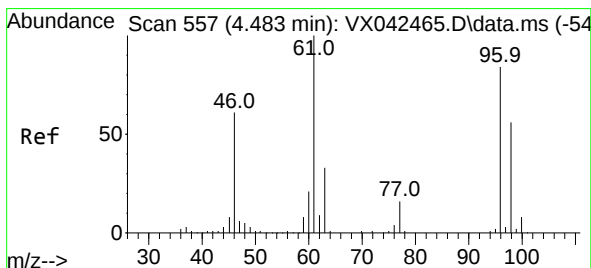
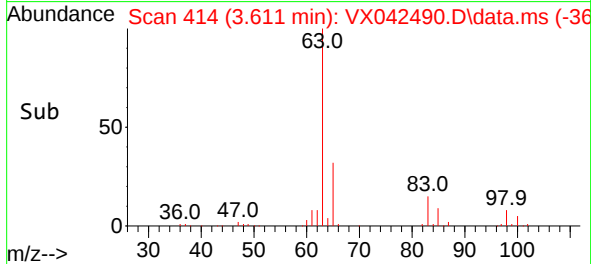
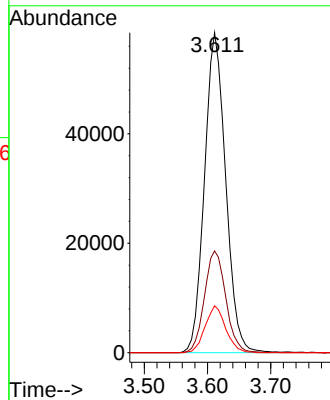
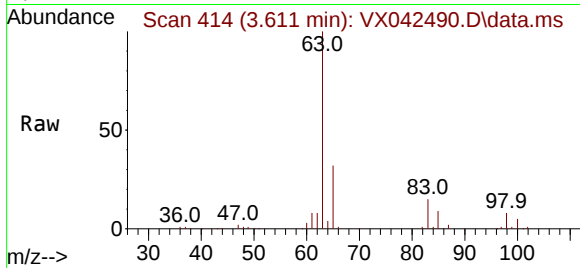
Tgt Ion: 63 Resp: 136421

Ion Ratio Lower Upper

63 100

65 31.8 22.2 41.2

83 14.6 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 565.819 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX042490.D

Acq: 23 Jul 2024 22:17

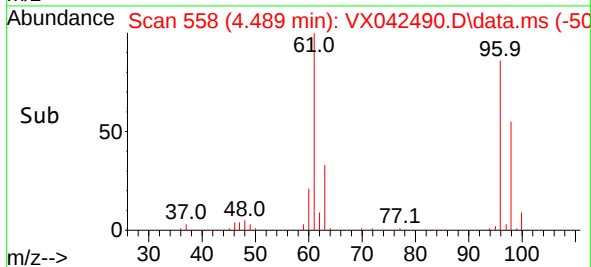
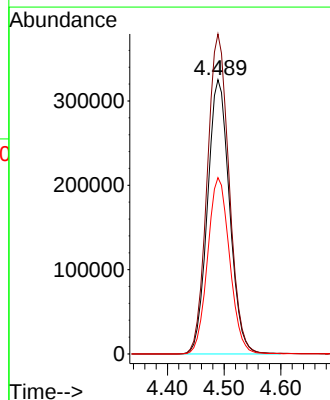
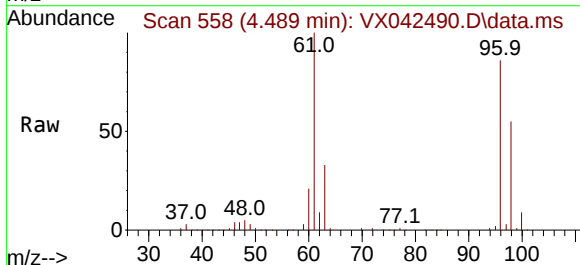
Tgt Ion: 96 Resp: 876218

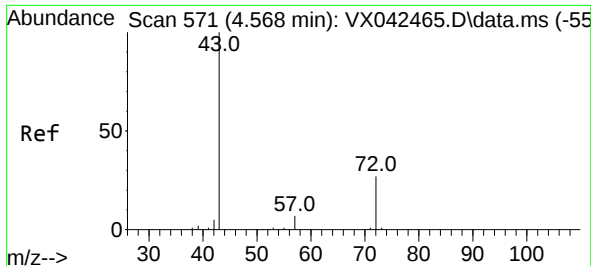
Ion Ratio Lower Upper

96 100

61 116.7 80.5 149.5

98 64.3 45.7 84.9

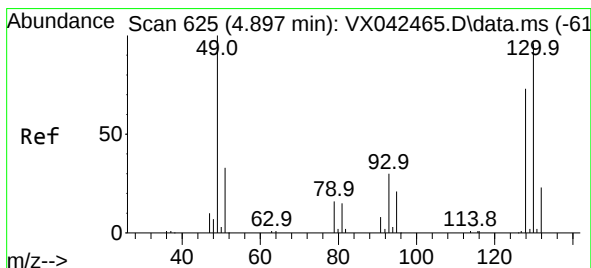
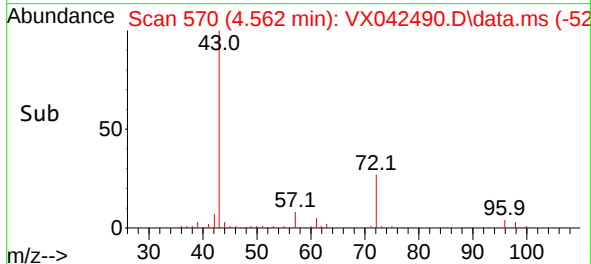
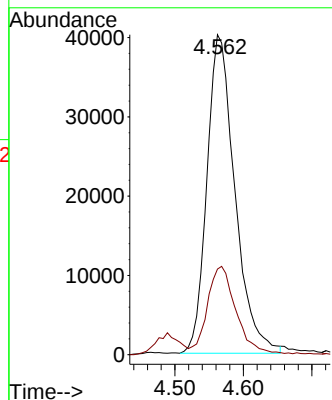
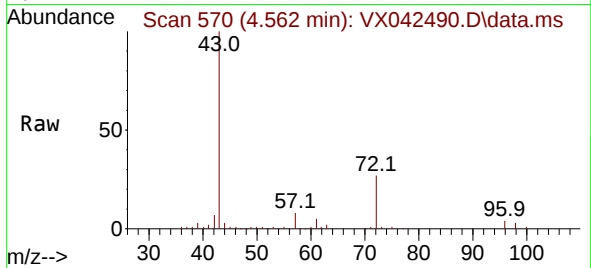




#22
2-Butanone
Concen: 112.361 ug/L
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX042490.D
Acq: 23 Jul 2024 22:17

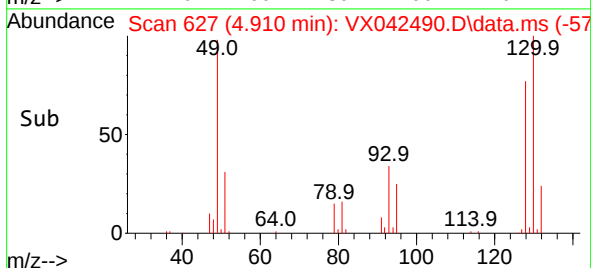
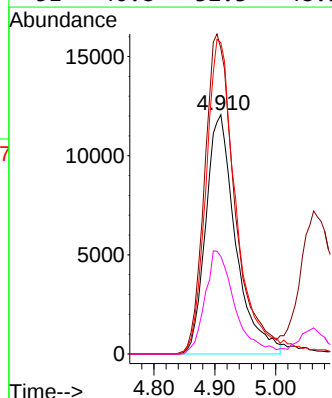
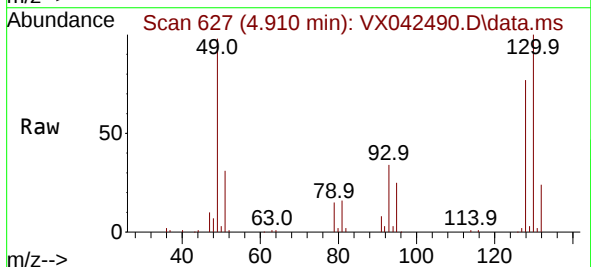
Instrument :
MSVOA_X
ClientSampleId :
E20F8MSD

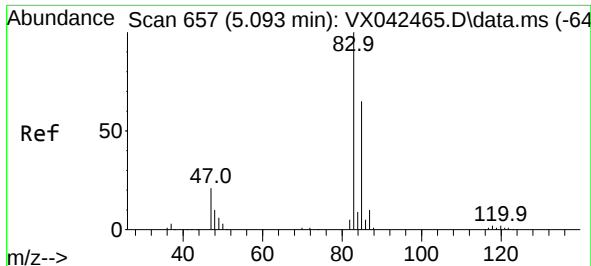
Tgt Ion: 43 Resp: 114193
Ion Ratio Lower Upper
43 100
72 28.6 13.7 41.1



#23
Bromochloromethane
Concen: 49.708 ug/L
RT: 4.910 min Scan# 627
Delta R.T. 0.012 min
Lab File: VX042490.D
Acq: 23 Jul 2024 22:17

Tgt Ion:128 Resp: 41138
Ion Ratio Lower Upper
128 100
49 127.7 89.7 166.7
130 130.2 90.0 167.2
51 40.8 32.3 48.5

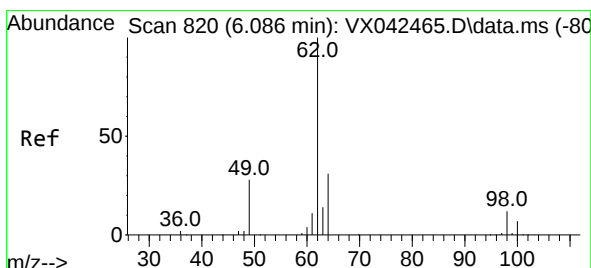
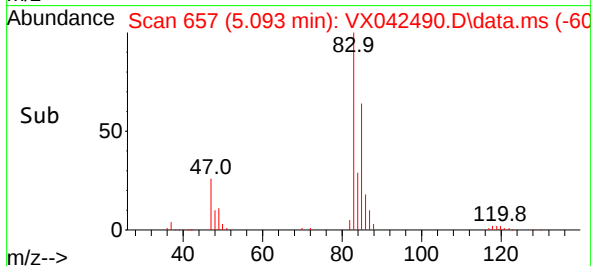
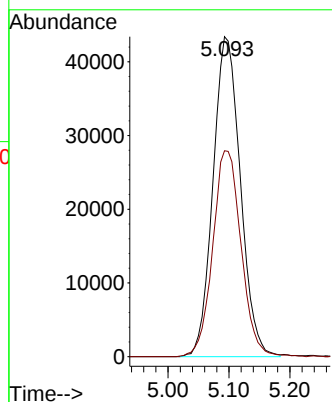
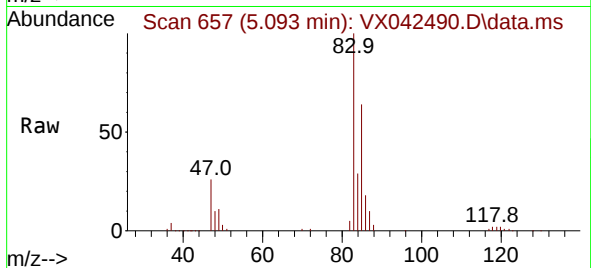




#25
Chloroform
Concen: 54.580 ug/L
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX042490.D
Acq: 23 Jul 2024 22:17

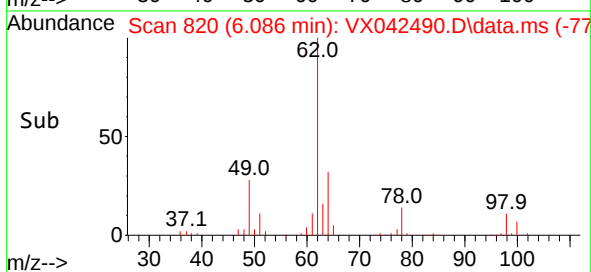
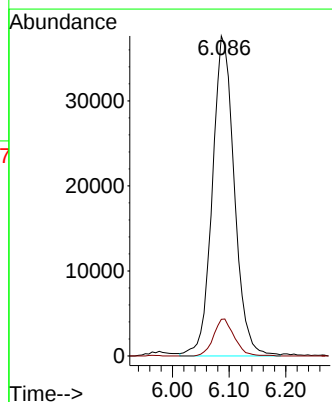
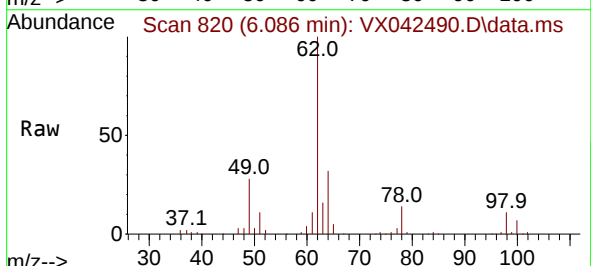
Instrument :
MSVOA_X
ClientSampleId :
E20F8MSD

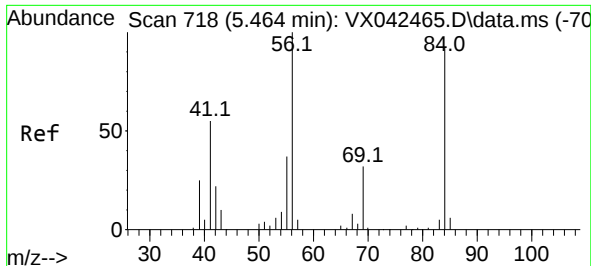
Tgt Ion: 83 Resp: 135459
Ion Ratio Lower Upper
83 100
85 64.4 45.8 85.2



#27
1,2-Dichloroethane
Concen: 55.228 ug/L
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX042490.D
Acq: 23 Jul 2024 22:17

Tgt Ion: 62 Resp: 101577
Ion Ratio Lower Upper
62 100
98 11.4 9.3 13.9

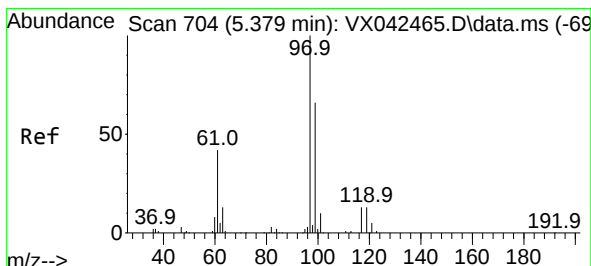
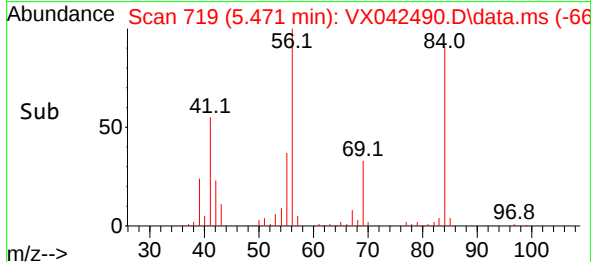
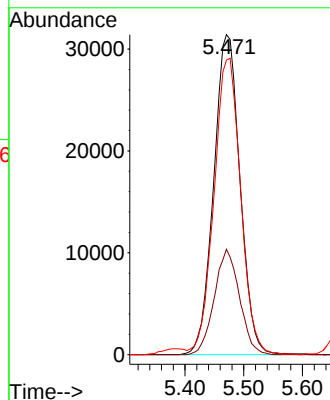
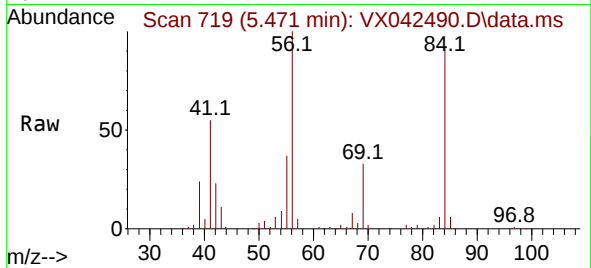




#29
Cyclohexane
Concen: 46.532 ug/L
RT: 5.471 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX042490.D
Acq: 23 Jul 2024 22:17

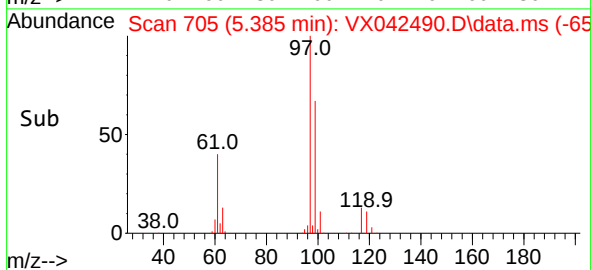
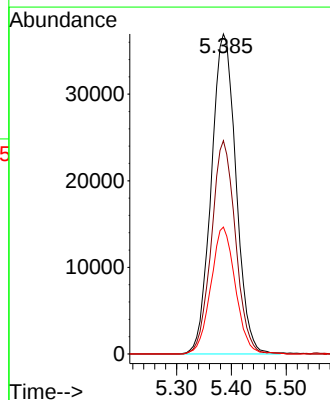
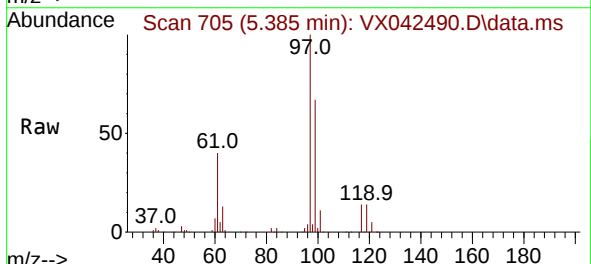
Instrument :
MSVOA_X
ClientSampleId :
E20F8MSD

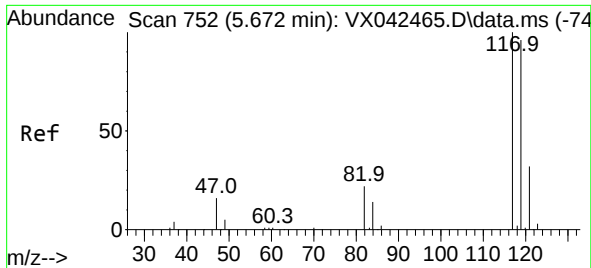
Tgt Ion: 56 Resp: 97665
Ion Ratio Lower Upper
56 100
69 31.5 25.3 37.9
84 93.6 74.0 111.0



#30
1,1,1-Trichloroethane
Concen: 54.629 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX042490.D
Acq: 23 Jul 2024 22:17

Tgt Ion: 97 Resp: 115506
Ion Ratio Lower Upper
97 100
99 65.0 52.0 78.0
61 39.2 31.2 46.8

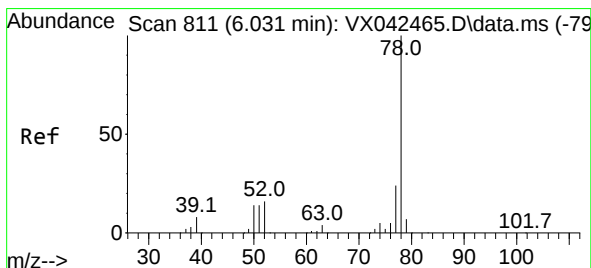
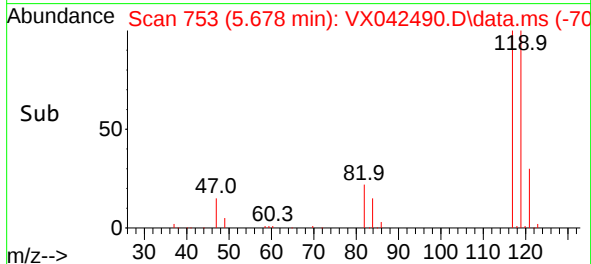
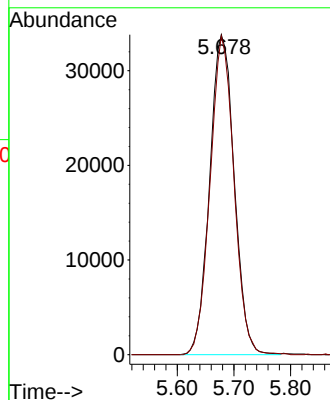
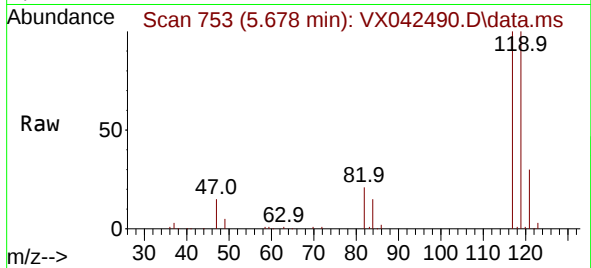




#31
Carbon tetrachloride
Concen: 55.140 ug/L
RT: 5.678 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX042490.D
Acq: 23 Jul 2024 22:17

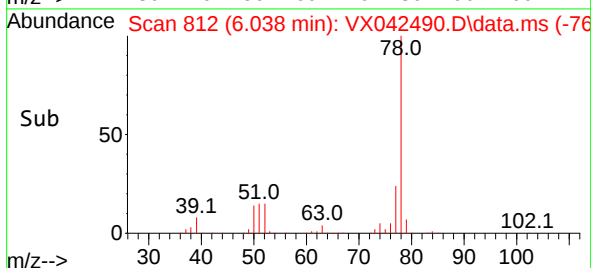
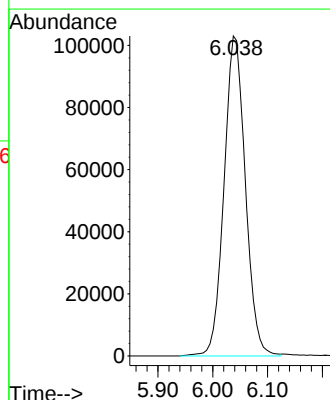
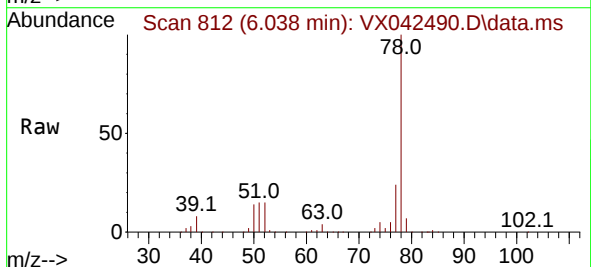
Instrument :
MSVOA_X
ClientSampleId :
E20F8MSD

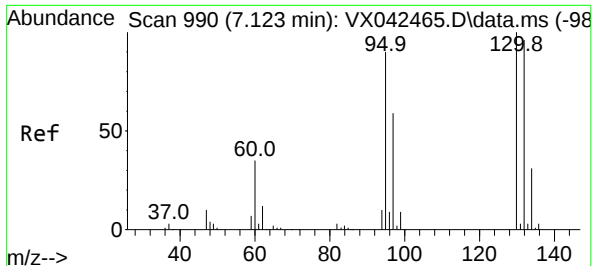
Tgt Ion:117 Resp: 101838
Ion Ratio Lower Upper
117 100
119 96.4 77.7 116.5



#33
Benzene
Concen: 51.365 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX042490.D
Acq: 23 Jul 2024 22:17

Tgt Ion: 78 Resp: 278954

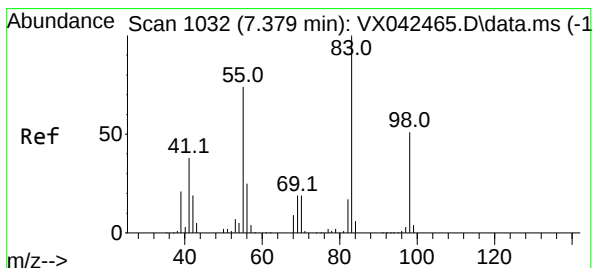
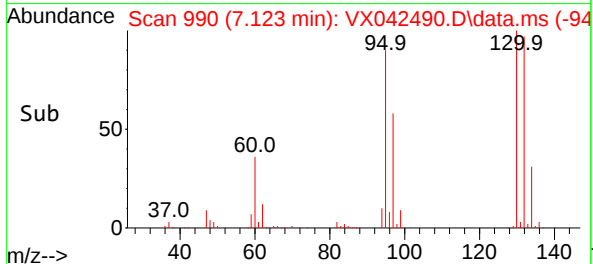
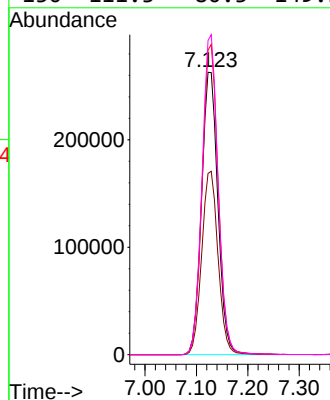
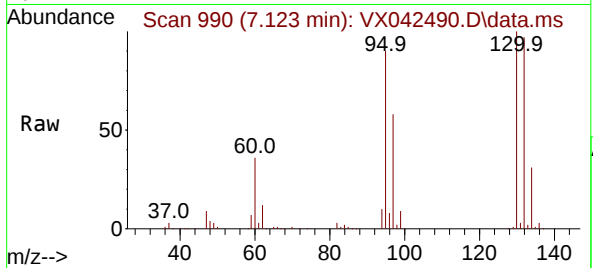




#34
Trichloroethene
Concen: 408.572 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX042490.D
Acq: 23 Jul 2024 22:17

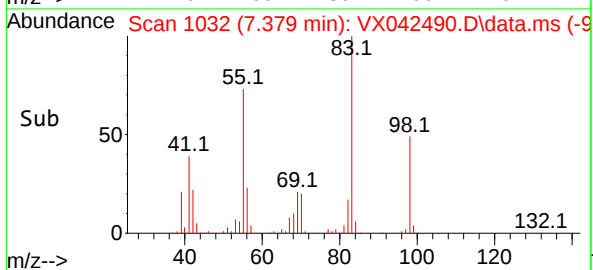
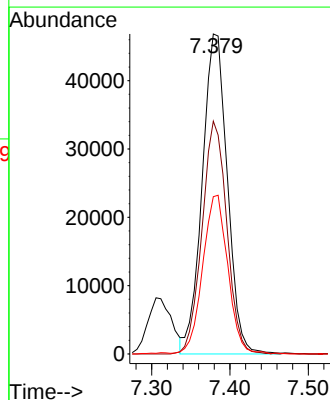
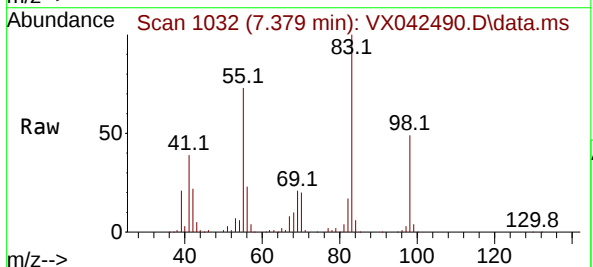
Instrument :
MSVOA_X
ClientSampleId :
E20F8MSD

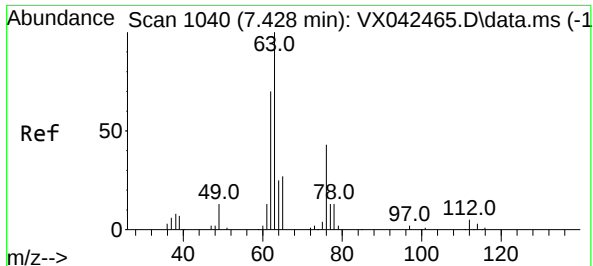
Tgt Ion: 95 Resp: 581222
Ion Ratio Lower Upper
95 100
97 64.2 45.1 83.7
132 107.8 77.2 143.4
130 111.3 80.3 149.1



#35
Methylcyclohexane
Concen: 48.485 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX042490.D
Acq: 23 Jul 2024 22:17

Tgt Ion: 83 Resp: 104582
Ion Ratio Lower Upper
83 100
55 71.5 56.4 84.6
98 49.6 40.4 60.6





#37

1,2-Dichloropropane

Concen: 54.519 ug/L

RT: 7.434 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX042490.D

Acq: 23 Jul 2024 22:17

Instrument :

MSVOA_X

ClientSampleId :

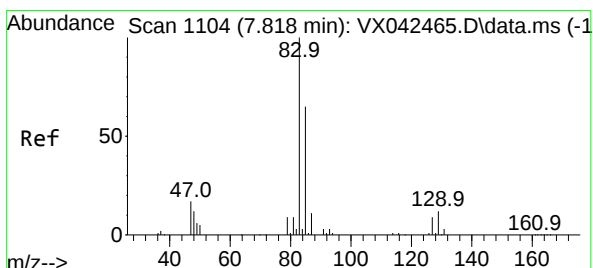
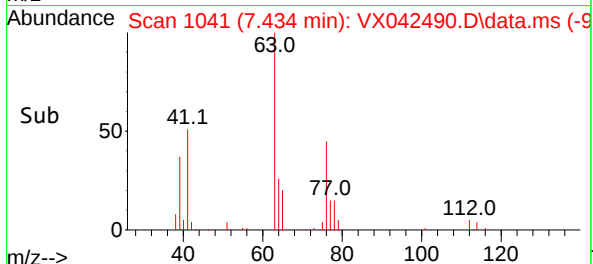
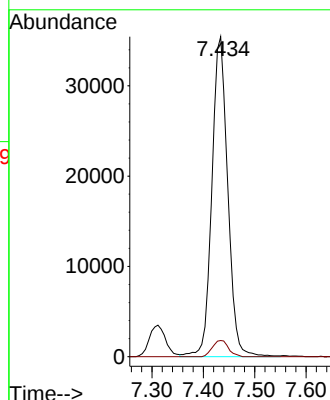
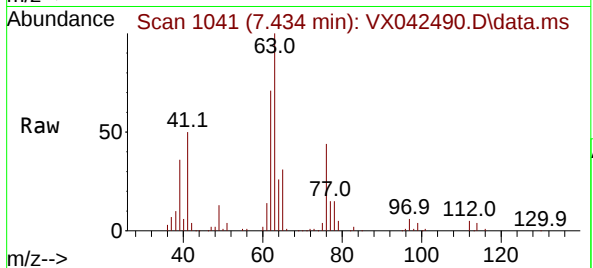
E20F8MSD

Tgt Ion: 63 Resp: 75970

Ion Ratio Lower Upper

63 100

112 5.1 4.3 6.5



#38

Bromodichloromethane

Concen: 55.700 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX042490.D

Acq: 23 Jul 2024 22:17

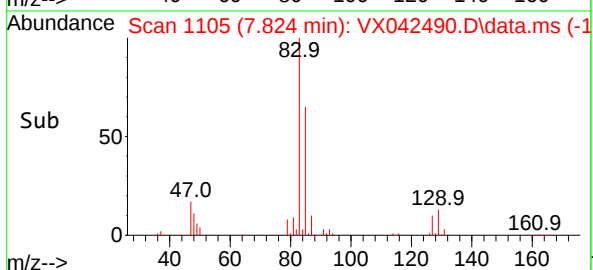
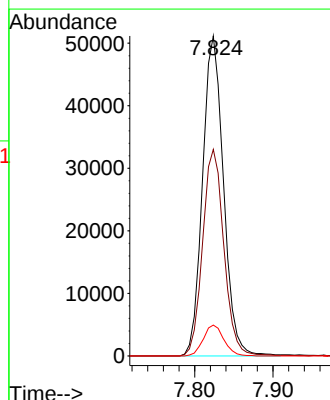
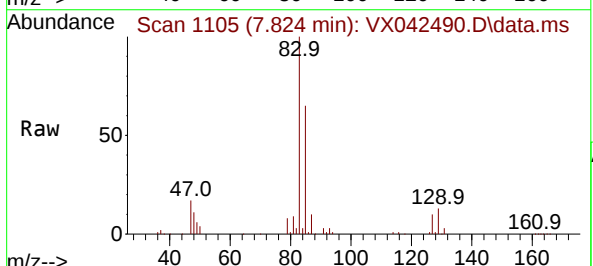
Tgt Ion: 83 Resp: 95045

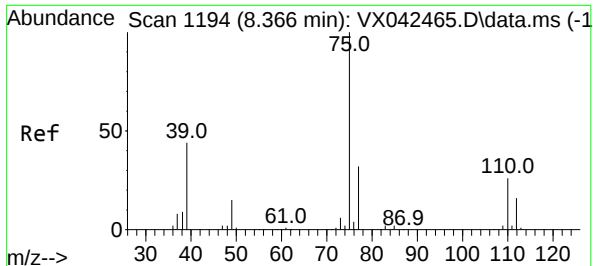
Ion Ratio Lower Upper

83 100

85 64.6 45.4 84.2

127 9.6 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 53.490 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX042490.D

Acq: 23 Jul 2024 22:17

Instrument :

MSVOA_X

ClientSampleId :

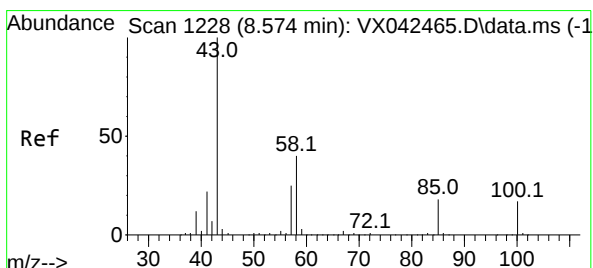
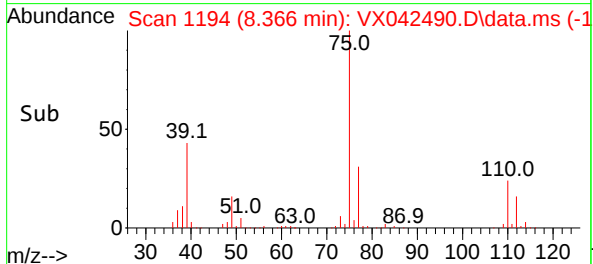
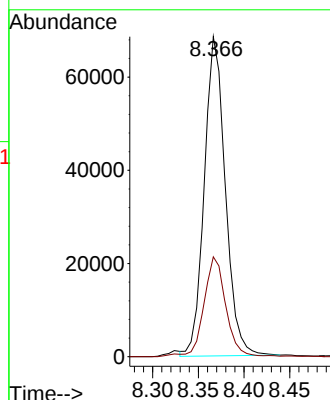
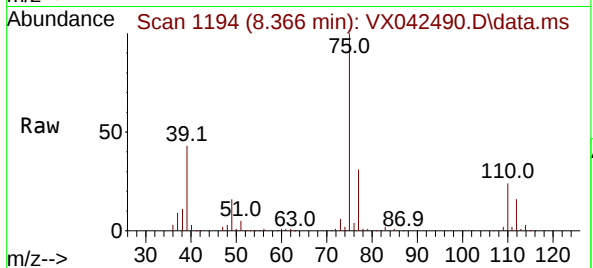
E20F8MSD

Tgt Ion: 75 Resp: 109750

Ion Ratio Lower Upper

75 100

77 31.2 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 112.697 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX042490.D

Acq: 23 Jul 2024 22:17

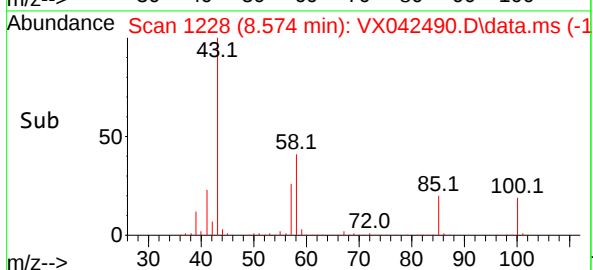
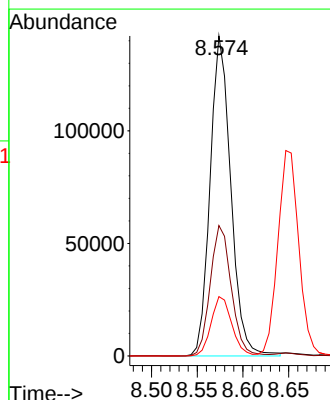
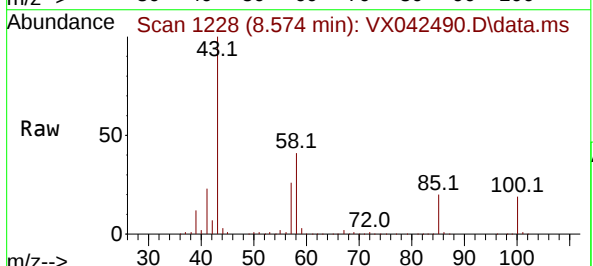
Tgt Ion: 43 Resp: 223988

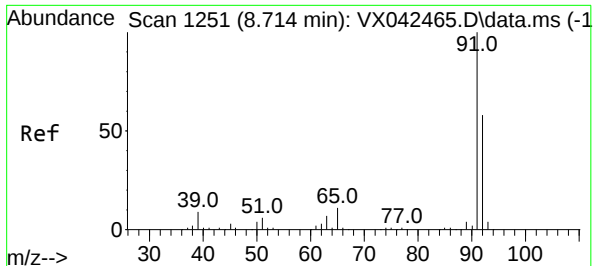
Ion Ratio Lower Upper

43 100

58 41.4 33.7 50.5

100 18.5 15.4 23.2





#42

Toluene

Concen: 52.110 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX042490.D

Acq: 23 Jul 2024 22:17

Instrument :

MSVOA_X

ClientSampleId :

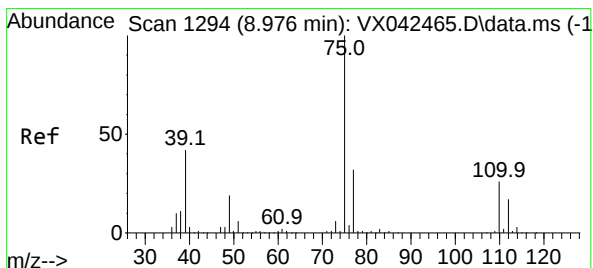
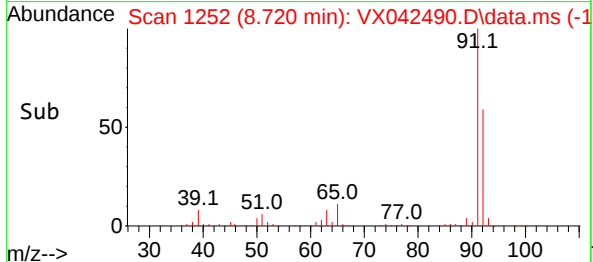
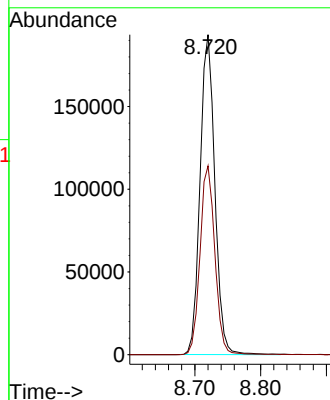
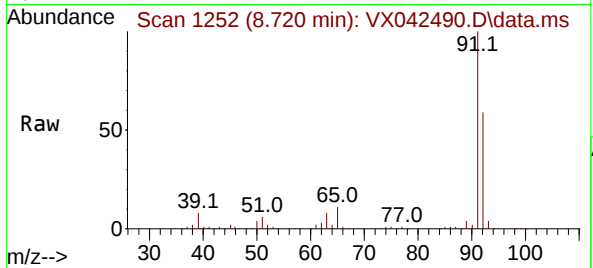
E20F8MSD

Tgt Ion: 91 Resp: 301970

Ion Ratio Lower Upper

91 100

92 59.0 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 54.718 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX042490.D

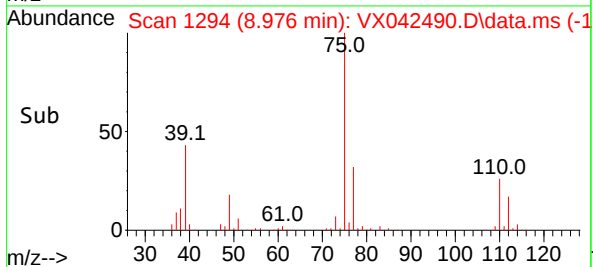
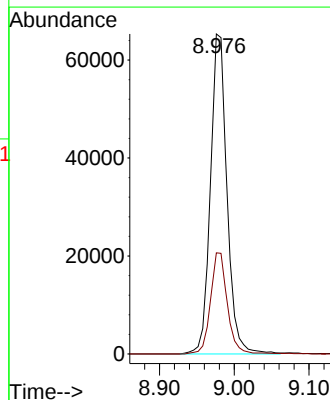
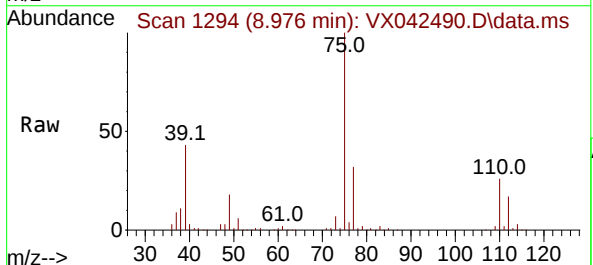
Acq: 23 Jul 2024 22:17

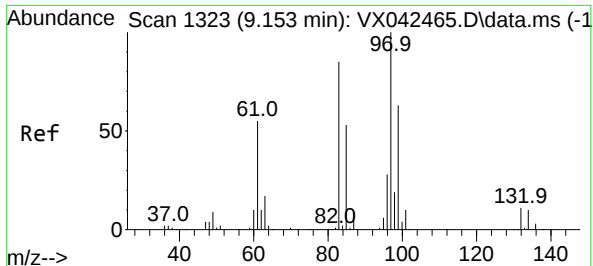
Tgt Ion: 75 Resp: 100658

Ion Ratio Lower Upper

75 100

77 31.6 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 54.637 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX042490.D

Acq: 23 Jul 2024 22:17

Instrument :

MSVOA_X

ClientSampleId :

E20F8MSD

Tgt Ion: 97 Resp: 81461

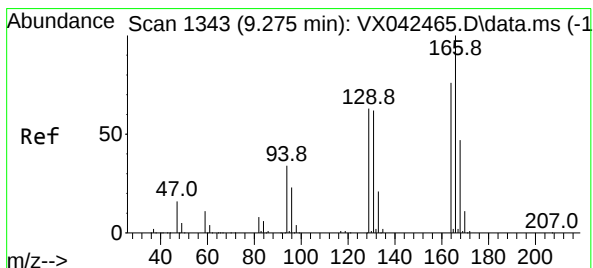
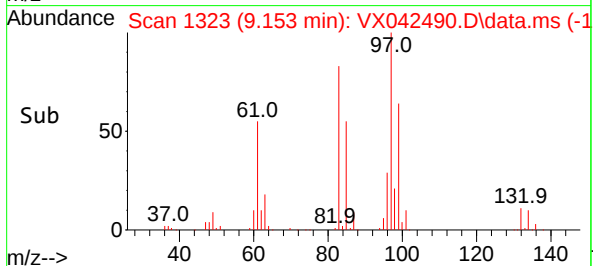
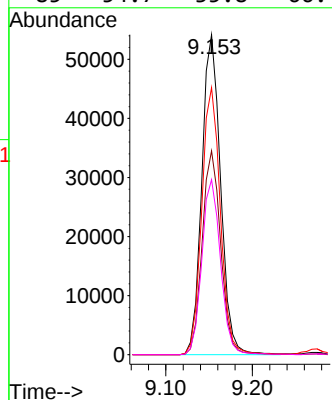
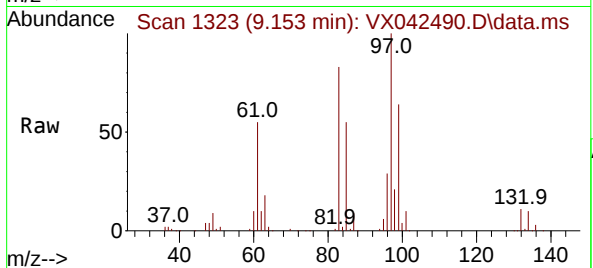
Ion Ratio Lower Upper

97 100

99 63.7 43.3 80.3

83 83.5 56.2 104.4

85 54.7 35.8 66.4



#46

Tetrachloroethene

Concen: 50.049 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX042490.D

Acq: 23 Jul 2024 22:17

Tgt Ion:164 Resp: 66644

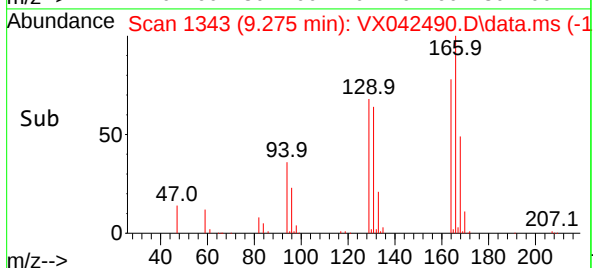
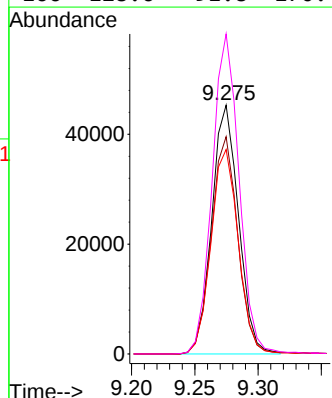
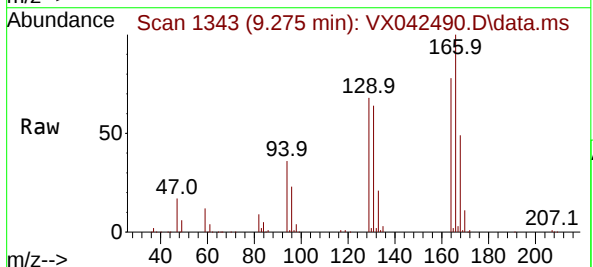
Ion Ratio Lower Upper

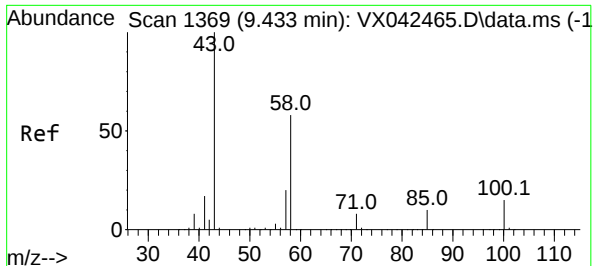
164 100

129 87.3 58.6 108.8

131 82.2 57.9 107.5

166 128.6 91.8 170.4



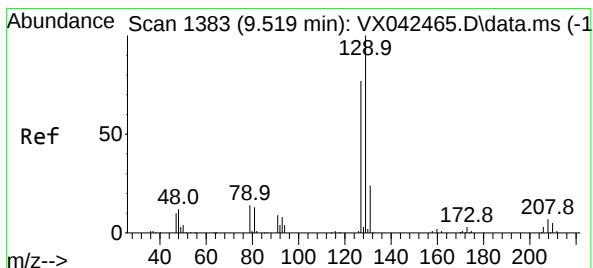
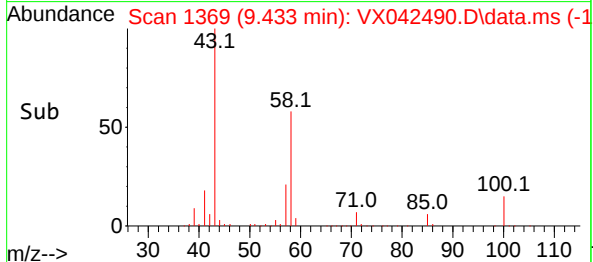
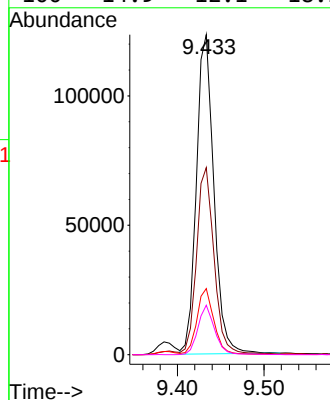
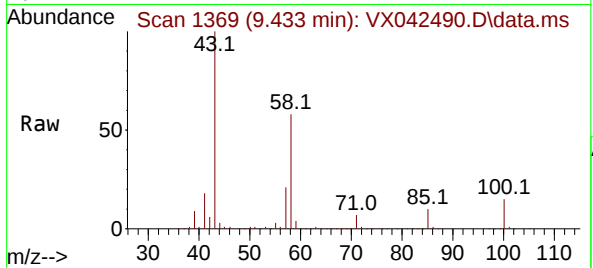


#48
2-Hexanone
Concen: 110.631 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX042490.D
Acq: 23 Jul 2024 22:17

Instrument :
MSVOA_X
ClientSampleId :
E20F8MSD

Tgt Ion: 43 Resp: 172675

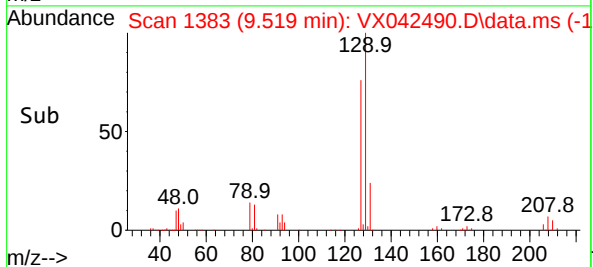
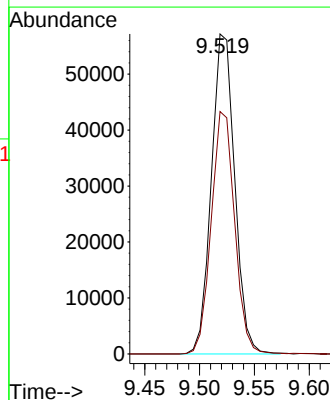
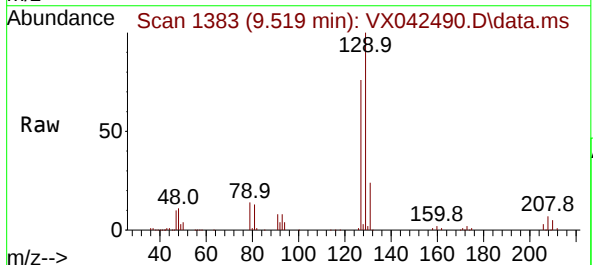
Ion	Ratio	Lower	Upper
43	100		
58	58.5	46.4	69.6
57	20.4	16.3	24.5
100	14.9	12.1	18.1

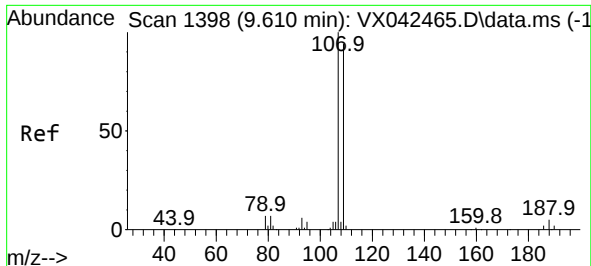


#49
Dibromochloromethane
Concen: 55.763 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX042490.D
Acq: 23 Jul 2024 22:17

Tgt Ion: 129 Resp: 84675

Ion	Ratio	Lower	Upper
129	100		
127	75.7	53.7	99.7





#50

1,2-Dibromoethane

Concen: 53.917 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX042490.D

Acq: 23 Jul 2024 22:17

Instrument :

MSVOA_X

ClientSampleId :

E20F8MSD

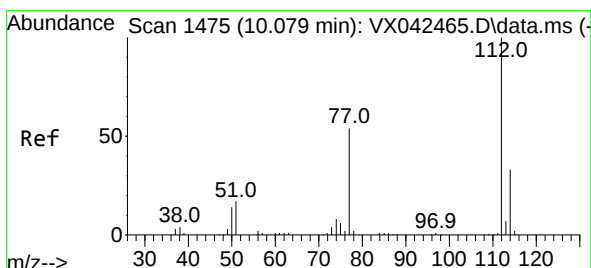
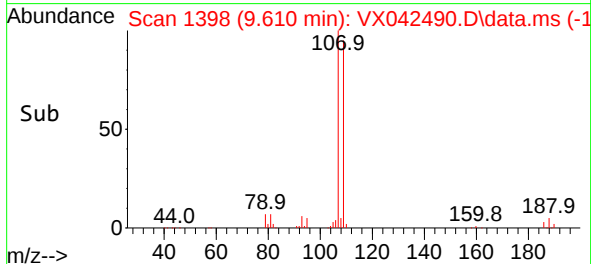
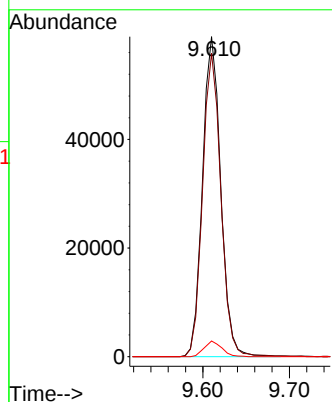
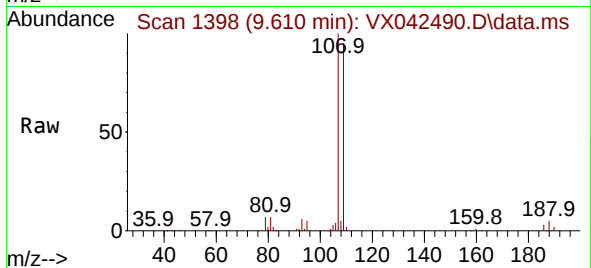
Tgt Ion:107 Resp: 86337

Ion Ratio Lower Upper

107 100

109 94.8 67.5 125.3

188 4.9 4.2 6.2



#51

Chlorobenzene

Concen: 51.692 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX042490.D

Acq: 23 Jul 2024 22:17

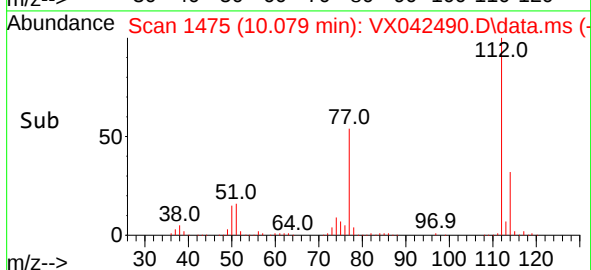
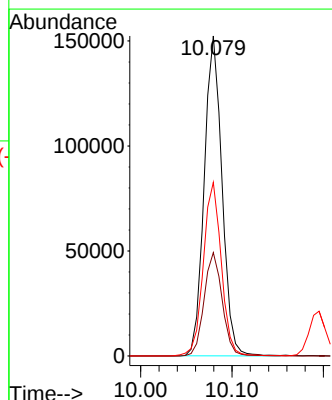
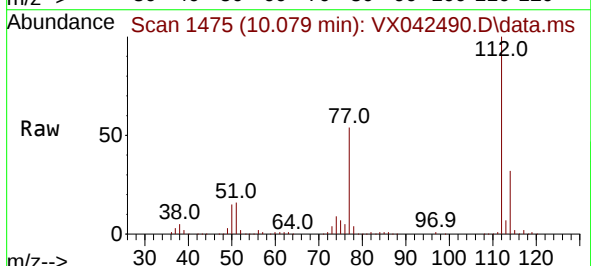
Tgt Ion:112 Resp: 205625

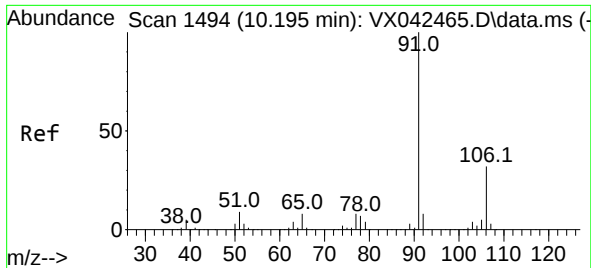
Ion Ratio Lower Upper

112 100

114 32.3 23.2 43.2

77 54.3 43.0 64.4

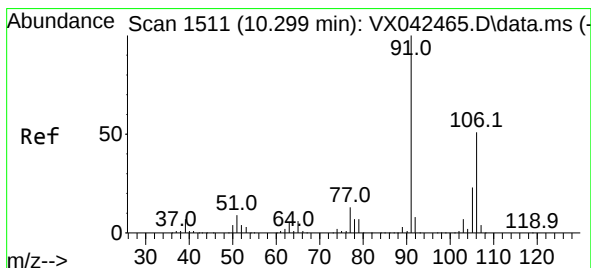
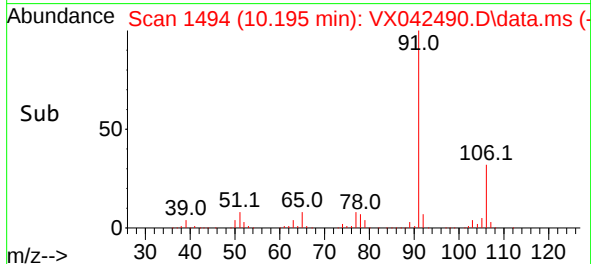
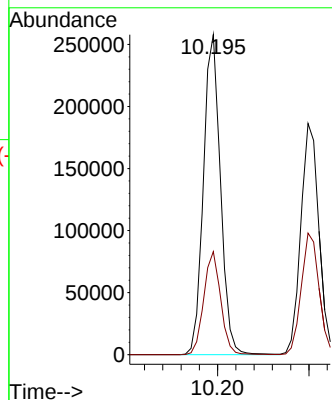
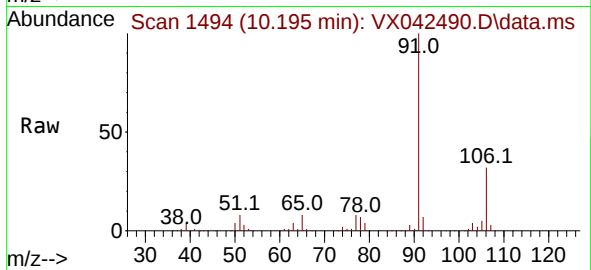




#52
Ethylbenzene
Concen: 52.980 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX042490.D
Acq: 23 Jul 2024 22:17

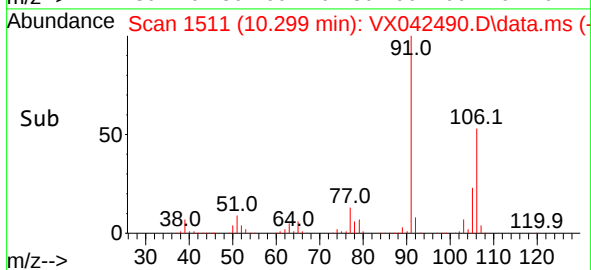
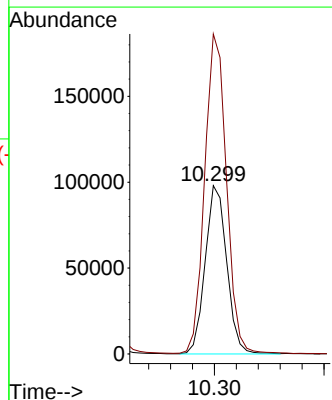
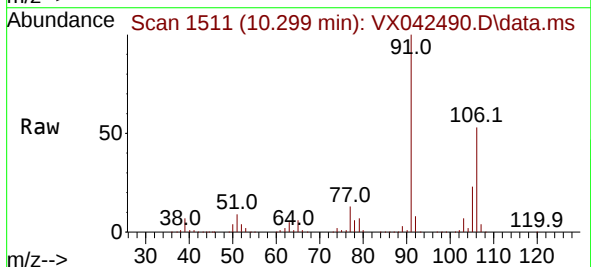
Instrument :
MSVOA_X
ClientSampleId :
E20F8MSD

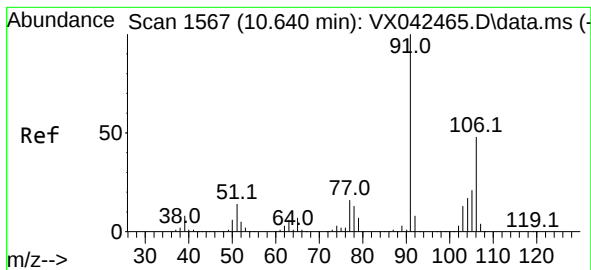
Tgt Ion: 91 Resp: 333630
Ion Ratio Lower Upper
91 100
106 32.2 23.1 42.9



#53
m,p-Xylene
Concen: 52.762 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX042490.D
Acq: 23 Jul 2024 22:17

Tgt Ion: 106 Resp: 133736
Ion Ratio Lower Upper
106 100
91 190.1 136.4 253.2





#54

o-Xylene

Concen: 52.373 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX042490.D

Acq: 23 Jul 2024 22:17

Instrument :

MSVOA_X

ClientSampleId :

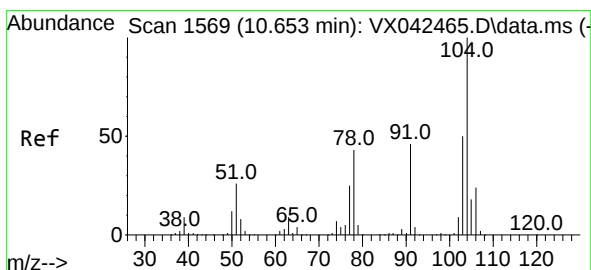
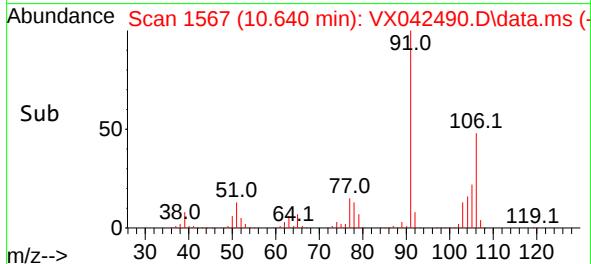
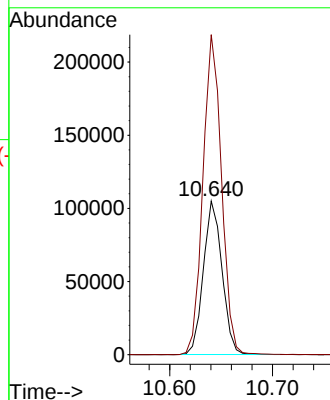
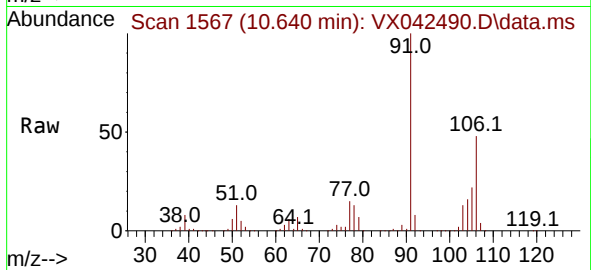
E20F8MSD

Tgt Ion:106 Resp: 132603

Ion Ratio Lower Upper

106 100

91 208.4 143.4 266.2



#55

Styrene

Concen: 53.060 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX042490.D

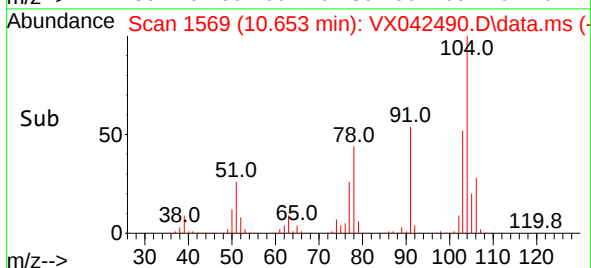
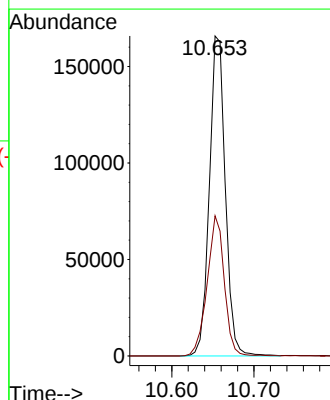
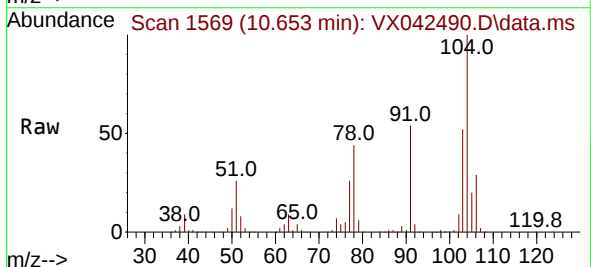
Acq: 23 Jul 2024 22:17

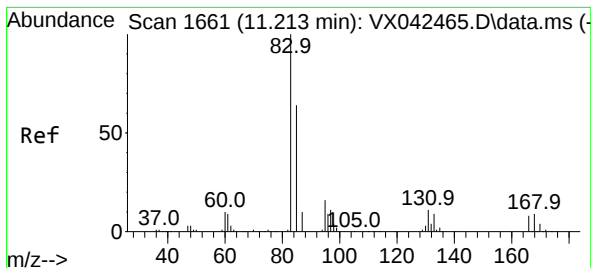
Tgt Ion:104 Resp: 223851

Ion Ratio Lower Upper

104 100

78 43.8 29.5 54.9

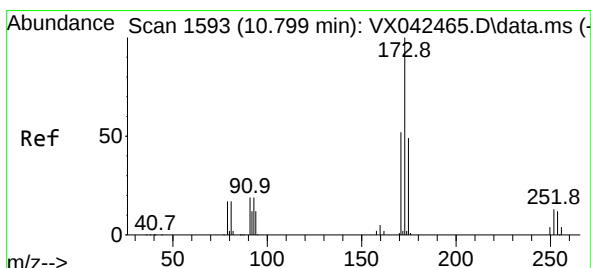
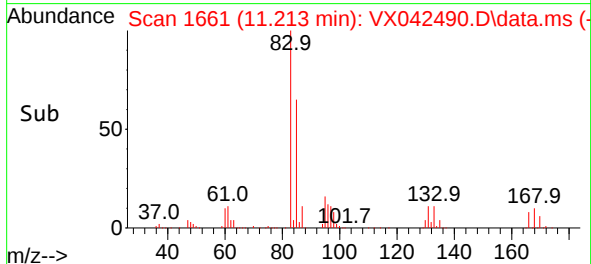
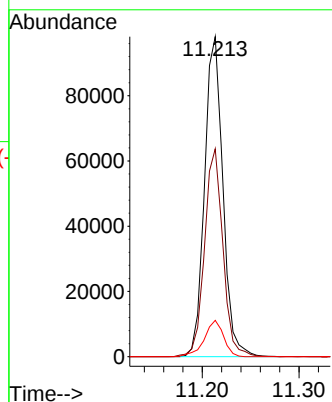
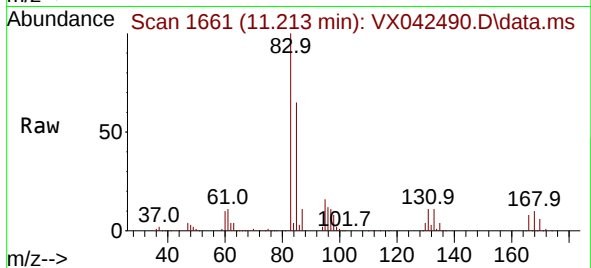




#57
1,1,2,2-Tetrachloroethane
Concen: 54.227 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX042490.D
Acq: 23 Jul 2024 22:17

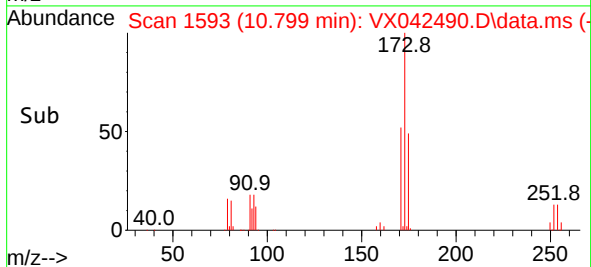
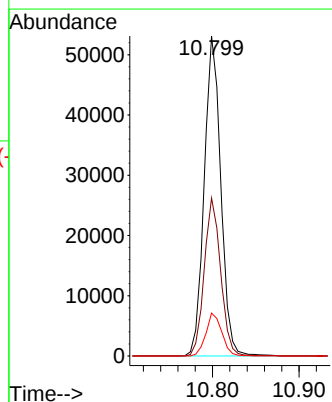
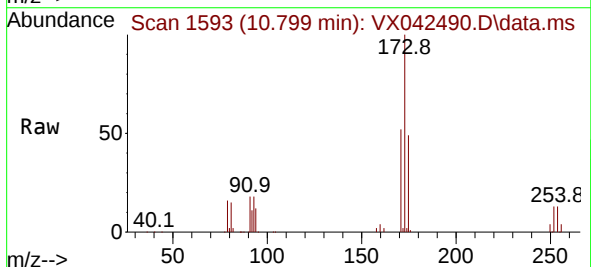
Instrument :
MSVOA_X
ClientSampleId :
E20F8MSD

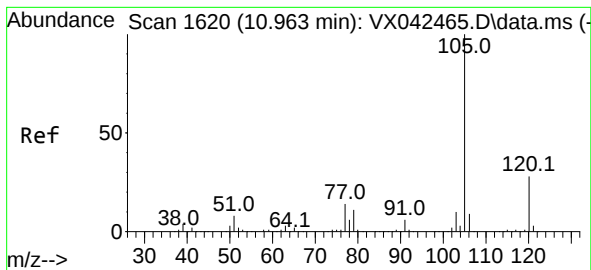
Tgt Ion: 83 Resp: 129767
Ion Ratio Lower Upper
83 100
85 64.9 45.1 83.7
131 11.4 9.0 13.4



#59
Bromoform
Concen: 55.628 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX042490.D
Acq: 23 Jul 2024 22:17

Tgt Ion: 173 Resp: 70559
Ion Ratio Lower Upper
173 100
175 48.8 39.5 59.3
254 12.9 10.6 15.8





#60

Isopropylbenzene

Concen: 54.828 ug/L

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042490.D

Acq: 23 Jul 2024 22:17

Instrument :

MSVOA_X

ClientSampleId :

E20F8MSD

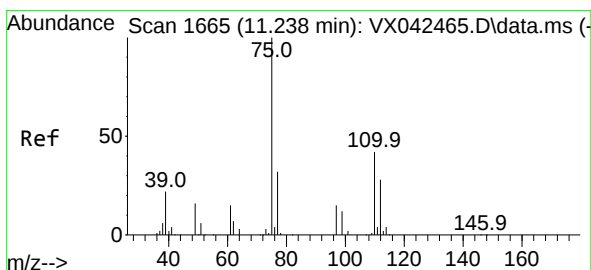
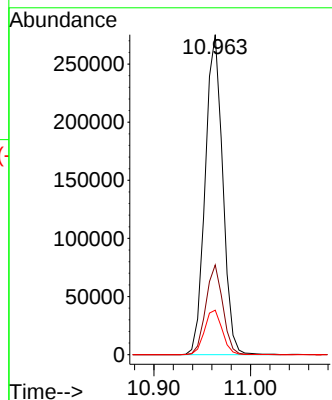
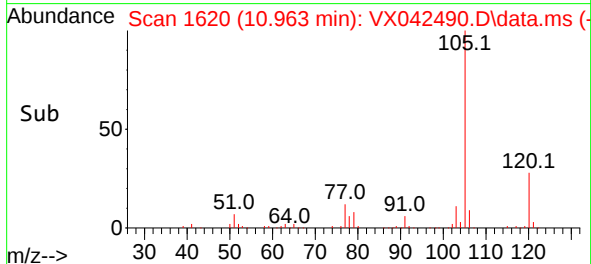
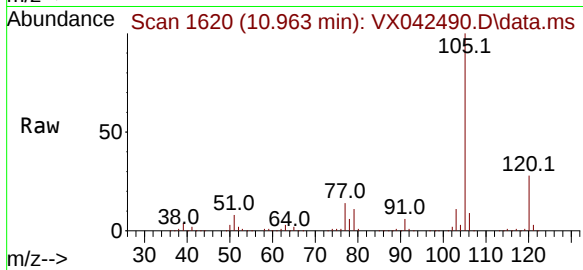
Tgt Ion:105 Resp: 347365

Ion Ratio Lower Upper

105 100

120 27.1 22.0 33.0

77 14.1 11.0 16.6



#61

1,2,3-Trichloropropane

Concen: 54.612 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX042490.D

Acq: 23 Jul 2024 22:17

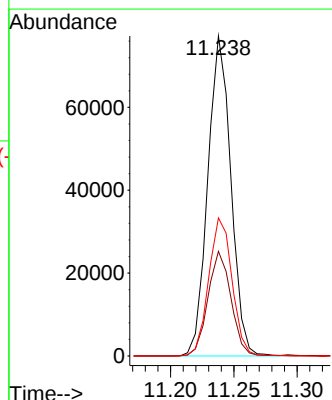
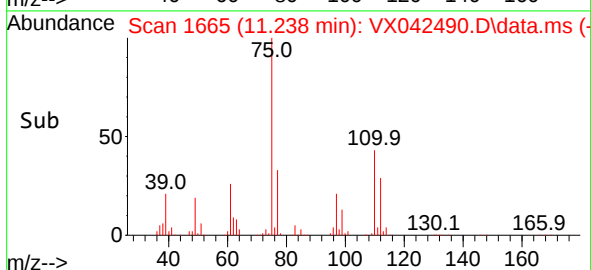
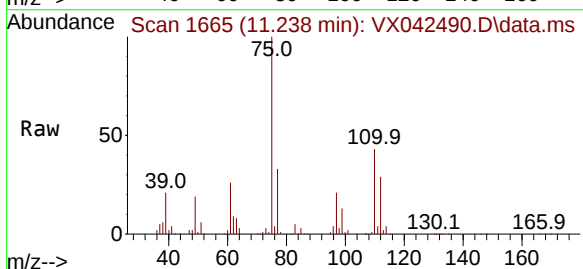
Tgt Ion: 75 Resp: 98131

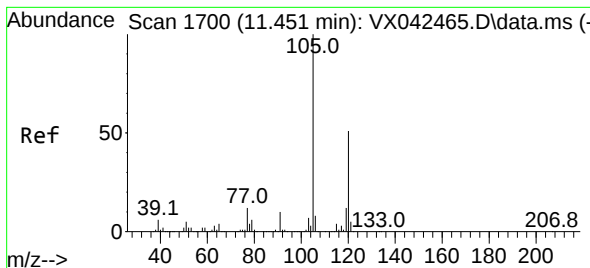
Ion Ratio Lower Upper

75 100

77 32.6 25.8 38.8

110 43.6 35.4 53.0

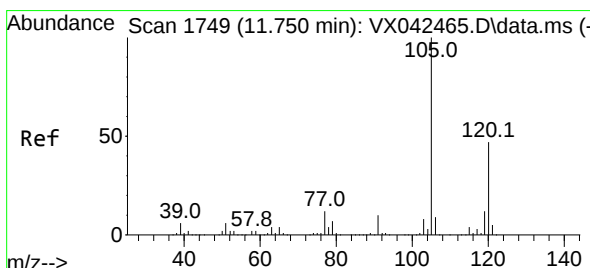
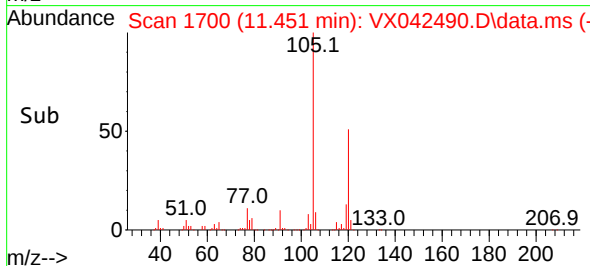
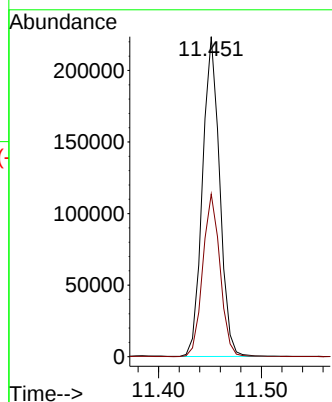
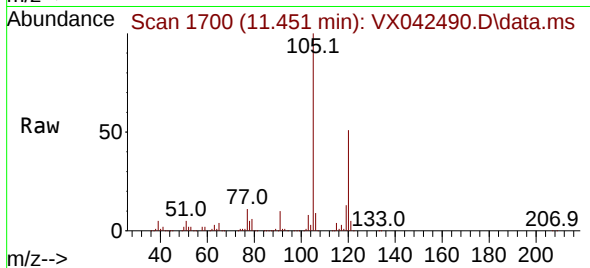




#62
 1,3,5-Trimethylbenzene
 Concen: 53.906 ug/L
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX042490.D
 Acq: 23 Jul 2024 22:17

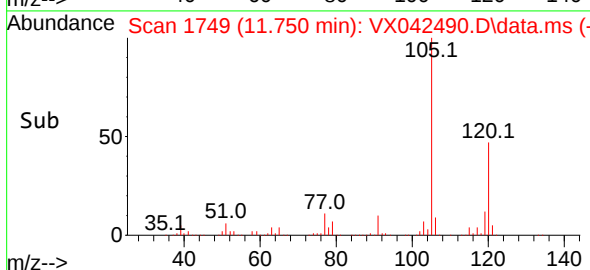
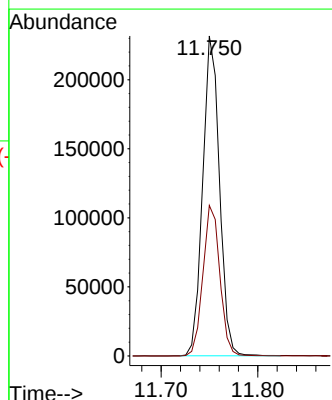
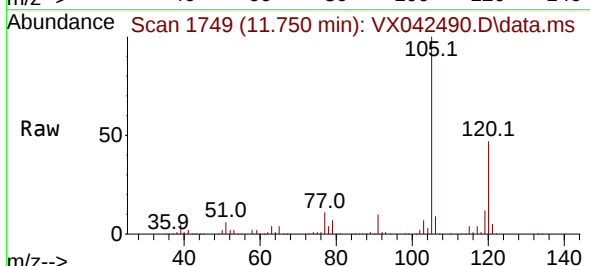
Instrument :
 MSVOA_X
 ClientSampleId :
 E20F8MSD

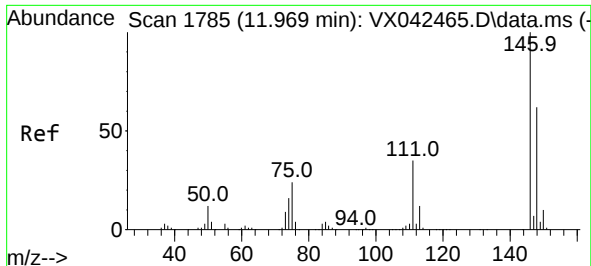
Tgt Ion:105 Resp: 259696
 Ion Ratio Lower Upper
 105 100
 120 51.2 40.9 61.3



#63
 1,2,4-Trimethylbenzene
 Concen: 54.230 ug/L
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX042490.D
 Acq: 23 Jul 2024 22:17

Tgt Ion:105 Resp: 279989
 Ion Ratio Lower Upper
 105 100
 120 47.3 38.4 57.6

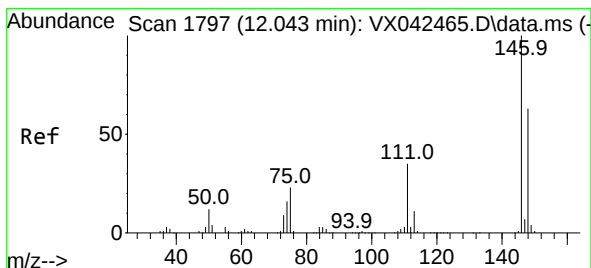
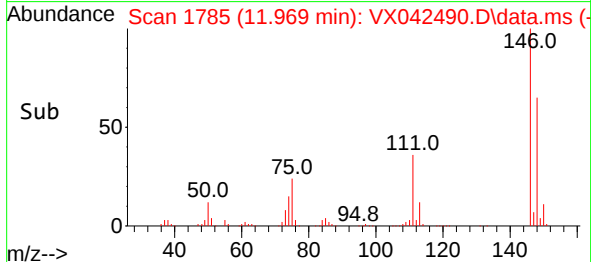
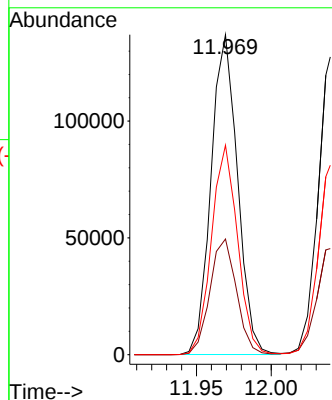
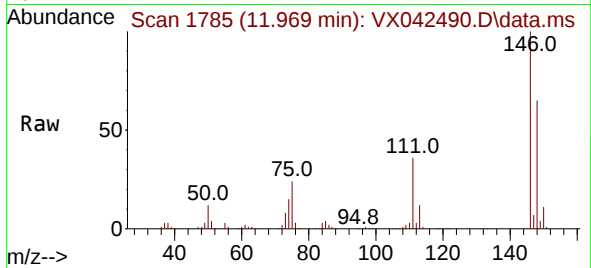




#64
1,3-Dichlorobenzene
Concen: 53.085 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX042490.D
Acq: 23 Jul 2024 22:17

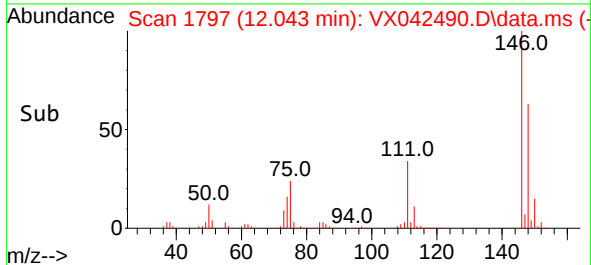
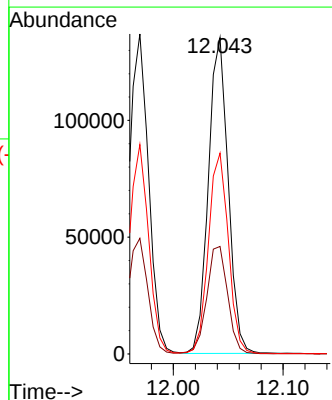
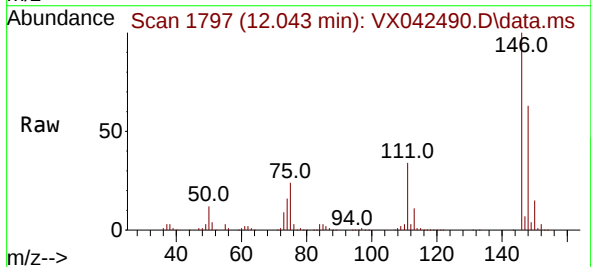
Instrument :
MSVOA_X
ClientSampleId :
E20F8MSD

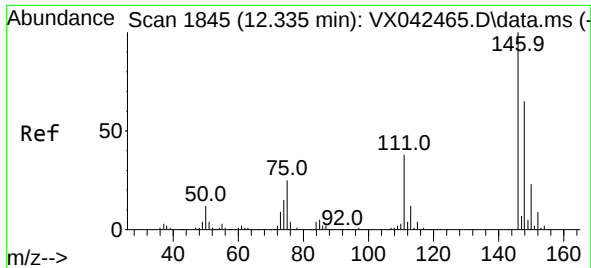
Tgt Ion:146 Resp: 168668
Ion Ratio Lower Upper
146 100
111 36.1 24.8 46.1
148 65.4 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 52.820 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX042490.D
Acq: 23 Jul 2024 22:17

Tgt Ion:146 Resp: 169764
Ion Ratio Lower Upper
146 100
111 34.0 23.9 44.3
148 63.5 44.4 82.5

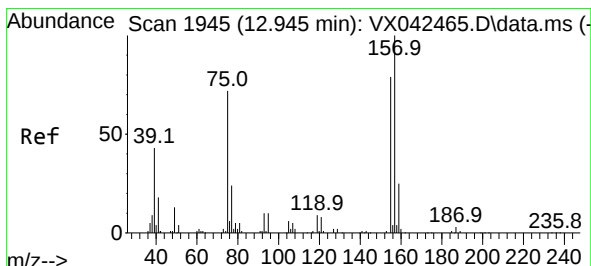
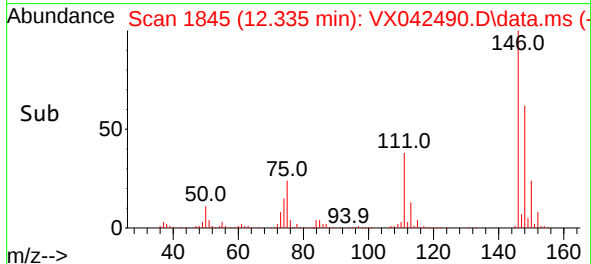
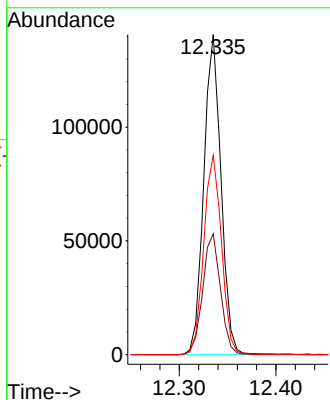
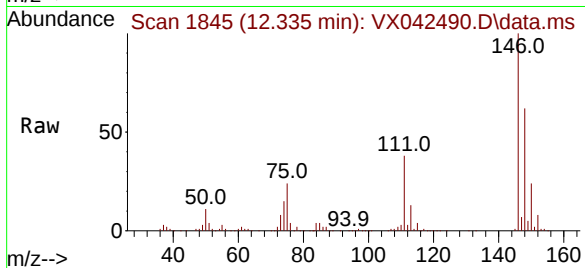




#67
1,2-Dichlorobenzene
Concen: 53.394 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX042490.D
Acq: 23 Jul 2024 22:17

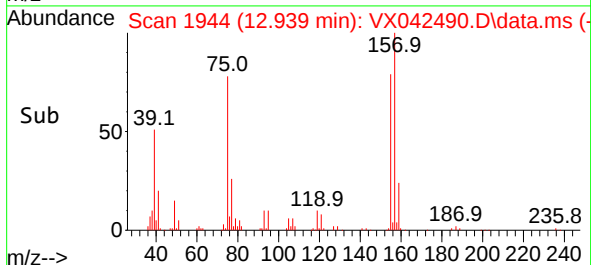
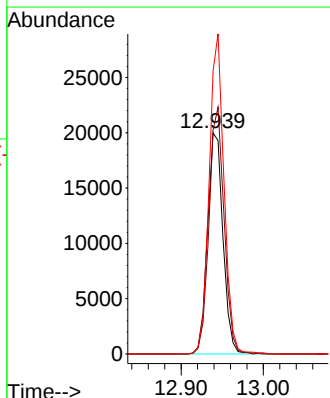
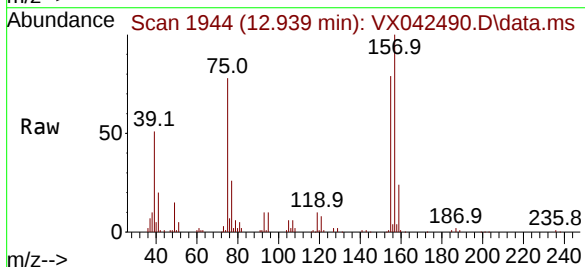
Instrument :
MSVOA_X
ClientSampleId :
E20F8MSD

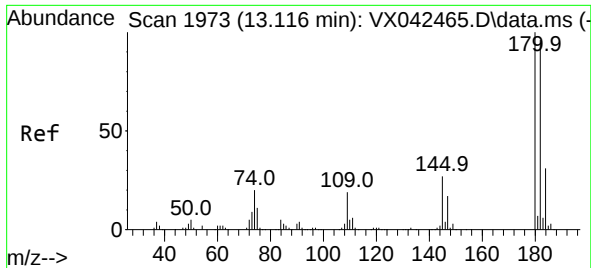
Tgt Ion:146 Resp: 174639
Ion Ratio Lower Upper
146 100
111 37.8 30.2 45.2
148 62.3 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 56.803 ug/L
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX042490.D
Acq: 23 Jul 2024 22:17

Tgt Ion: 75 Resp: 26128
Ion Ratio Lower Upper
75 100
155 101.3 90.4 135.6
157 128.1 119.4 179.2





#69

1,3,5-Trichlorobenzene

Concen: 52.368 ug/L

RT: 13.109 min Scan# 1973

Delta R.T. -0.006 min

Lab File: VX042490.D

Acq: 23 Jul 2024 22:17

Instrument :

MSVOA_X

ClientSampleId :

E20F8MSD

Tgt Ion:180 Resp: 120896

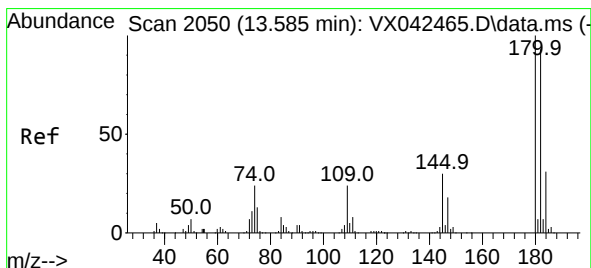
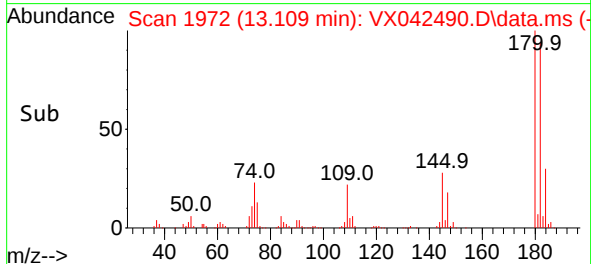
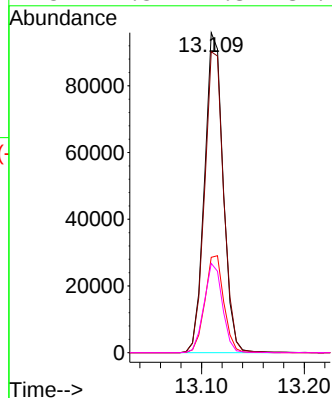
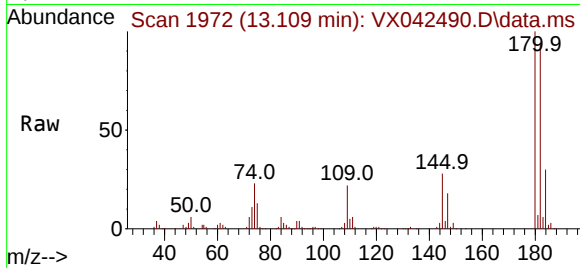
Ion Ratio Lower Upper

180 100

182 96.4 77.0 115.6

184 30.9 24.7 37.1

145 27.5 21.3 31.9



#70

1,2,4-trichlorobenzene

Concen: 51.892 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX042490.D

Acq: 23 Jul 2024 22:17

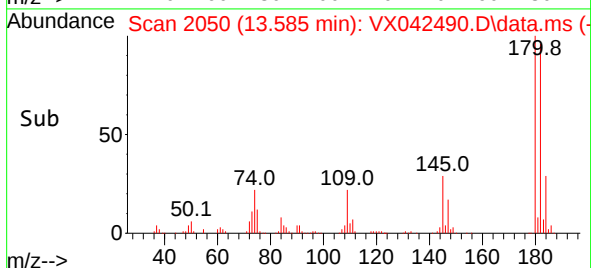
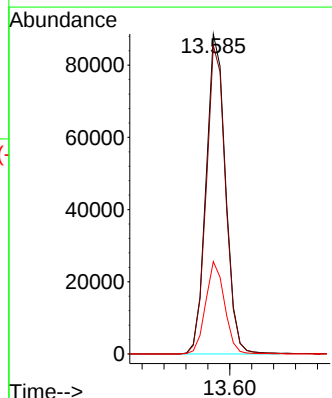
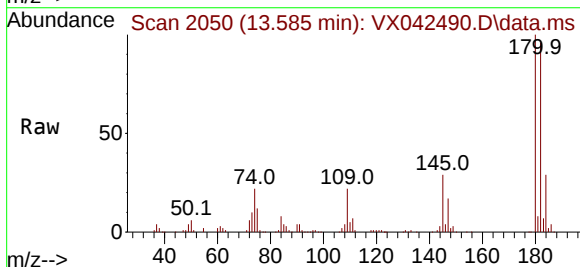
Tgt Ion:180 Resp: 108962

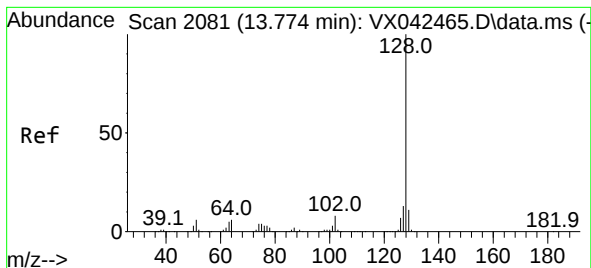
Ion Ratio Lower Upper

180 100

182 96.3 77.8 116.6

145 28.2 21.8 32.8





#71

Naphthalene

Concen: 55.185 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX042490.D

Acq: 23 Jul 2024 22:17

Instrument :

MSVOA_X

ClientSampleId :

E20F8MSD

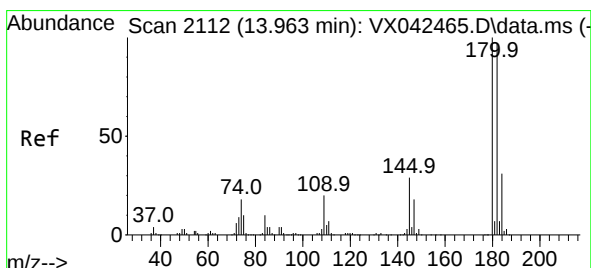
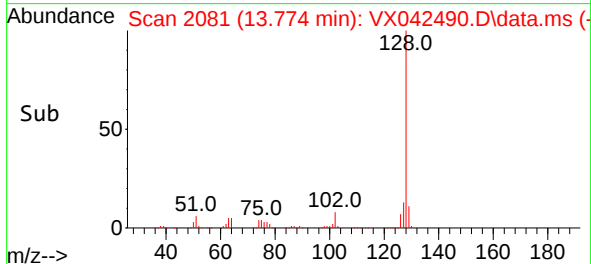
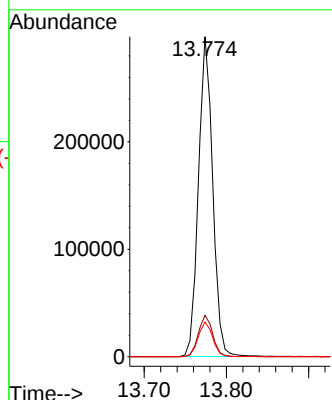
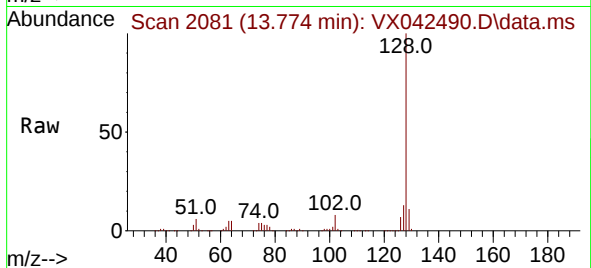
Tgt Ion:128 Resp: 358213

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 11.0 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 53.138 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX042490.D

Acq: 23 Jul 2024 22:17

Tgt Ion:180 Resp: 117903

Ion Ratio Lower Upper

180 100

182 94.9 76.2 114.4

145 29.6 23.0 34.6

