

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072424\
 Data File : VX042489.D
 Acq On : 23 Jul 2024 21:55
 Operator : JC/MD
 Sample : P3327-27MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E20F8MS

Quant Time: Jul 24 03:53:40 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	193843	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	178044	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	94992	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	50265	44.550	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.100%
7) Chloroethane-d5	1.648	69	33451	47.087	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.180%
11) 1,1-Dichloroethene-d2	2.301	65	24023	48.649	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.300%
21) 2-Butanone-d5	4.465	46	87110	107.135	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.130%
24) Chloroform-d	5.056	84	121141	53.399	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.800%
26) 1,2-Dichloroethane-d4	5.958	65	72222	53.936	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.880%
32) Benzene-d6	5.971	84	235938	51.268	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.540%
36) 1,2-Dichloropropane-d6	7.306	67	72373	52.257	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.520%
41) Toluene-d8	8.647	98	218954	51.055	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.100%
43) trans-1,3-Dichloroprop...	8.952	79	31020	51.824	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.640%
47) 2-Hexanone-d5	9.385	63	66830	106.307	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.310%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	108032	52.763	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.520%
66) 1,2-Dichlorobenzene-d4	12.317	152	93891	50.888	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.780%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	61700	44.500	ug/L	99
3) Chloromethane	1.301	50	61540	43.921	ug/L	97
5) Vinyl chloride	1.374	62	151717	110.088	ug/L	99
6) Bromomethane	1.599	94	30869	41.107	ug/L	99
8) Chloroethane	1.666	64	35096	51.091	ug/L	99
9) Trichlorofluoromethane	1.874	101	97712	54.478	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	65836	53.262	ug/L	99
12) 1,1-Dichloroethene	2.313	96	62716	53.565	ug/L	85
13) Acetone	2.392	43	62812	113.241	ug/L	98
14) Carbon disulfide	2.502	76	111648	38.330	ug/L	99
15) Methyl Acetate	2.709	43	69486	49.304	ug/L	100
16) Methylene chloride	2.788	84	71798	49.703	ug/L	99
17) trans-1,2-Dichloroethene	3.087	96	66491	55.214	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	228693	58.073	ug/L	99
19) 1,1-Dichloroethane	3.605	63	132759	61.392	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	851766	602.054	ug/L	99
22) 2-Butanone	4.568	43	108268	116.608	ug/L	99
23) Bromochloromethane	4.904	128	41297	54.620	ug/L	95
25) Chloroform	5.093	83	133000	58.658	ug/L	99

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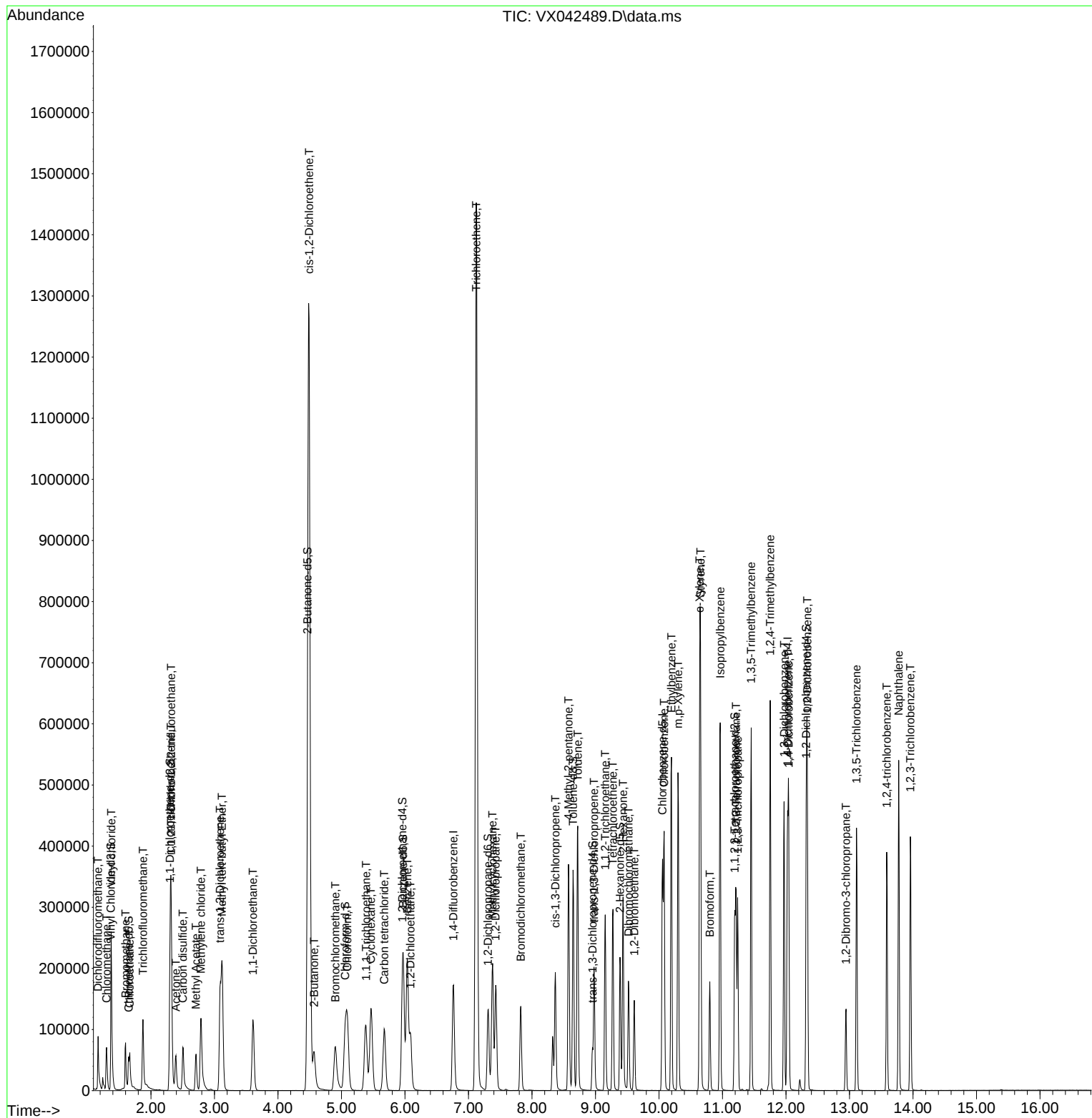
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	100095	59.569	ug/L	100
29) Cyclohexane	5.465	56	93494	48.589	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	110675	57.096	ug/L	98
31) Carbon tetrachloride	5.672	117	95849	56.609	ug/L	100
33) Benzene	6.038	78	272547	54.741	ug/L	100
34) Trichloroethene	7.123	95	558974	428.603	ug/L	98
35) Methylcyclohexane	7.379	83	98723	49.924	ug/L	98
37) 1,2-Dichloropropane	7.428	63	73473	57.514	ug/L	99
38) Bromodichloromethane	7.824	83	91418	58.438	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	106561	56.651	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	218514	119.923	ug/L	99
42) Toluene	8.720	91	293066	55.165	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	98573	58.449	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	79972	58.507	ug/L	97
46) Tetrachloroethene	9.275	164	65143	53.363	ug/L	98
48) 2-Hexanone	9.433	43	165870	115.919	ug/L	100
49) Dibromochloromethane	9.519	129	81119	58.271	ug/L	96
50) 1,2-Dibromoethane	9.610	107	82910	56.478	ug/L	100
51) Chlorobenzene	10.080	112	203240	55.731	ug/L	98
52) Ethylbenzene	10.195	91	324131	56.144	ug/L	99
53) m,p-Xylene	10.299	106	127778	54.988	ug/L	98
54) o-Xylene	10.640	106	130080	56.040	ug/L	99
55) Styrene	10.653	104	219691	56.801	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.214	83	128685	58.657	ug/L	99
59) Bromoform	10.799	173	68049	57.150	ug/L	99
60) Isopropylbenzene	10.964	105	336369	56.558	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	96882	57.436	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	254018	56.169	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	272743	56.274	ug/L	98
64) 1,3-Dichlorobenzene	11.970	146	165978	55.648	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	166839	55.298	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	171443	55.838	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	25128	58.194	ug/L	94
69) 1,3,5-Trichlorobenzene	13.110	180	116153	53.597	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	103155	52.333	ug/L	99
71) Naphthalene	13.774	128	343313	56.342	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	112117	53.828	ug/L	99

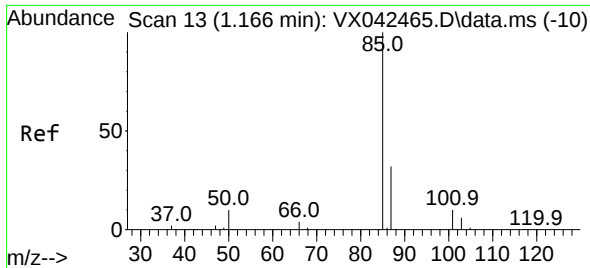
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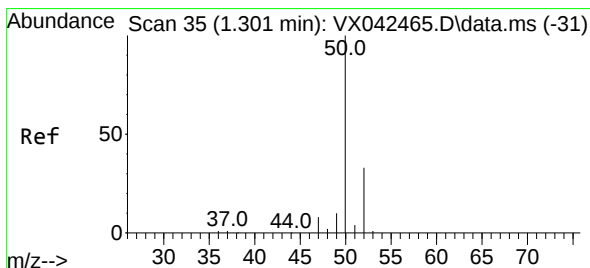
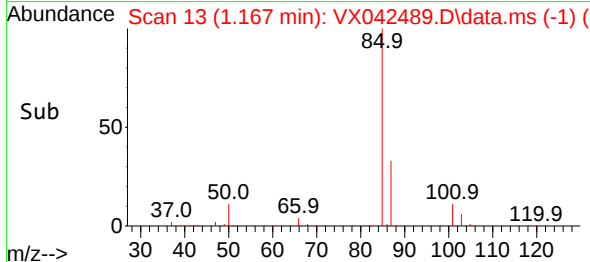
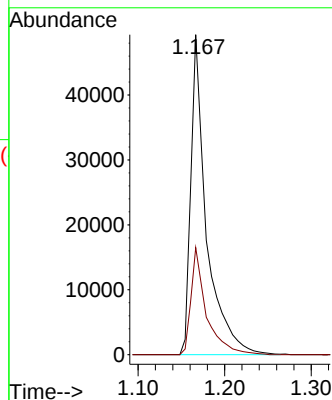
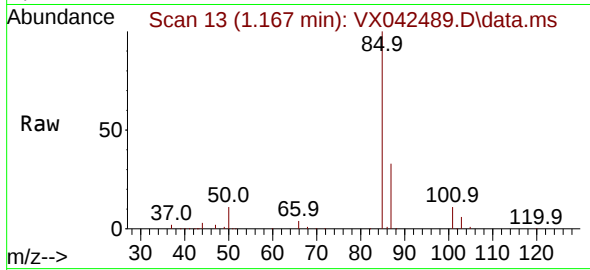




#2
Dichlorodifluoromethane
Concen: 44.500 ug/L
RT: 1.167 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042489.D
Acq: 23 Jul 2024 21:55

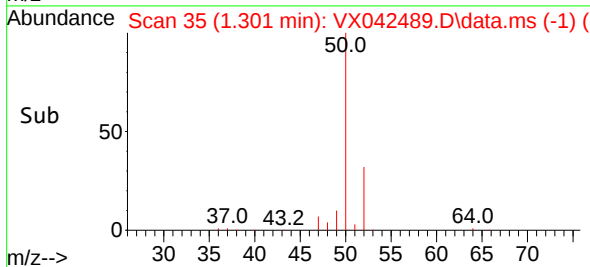
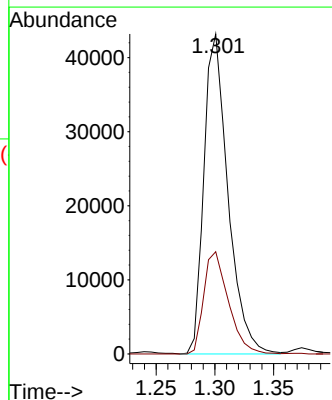
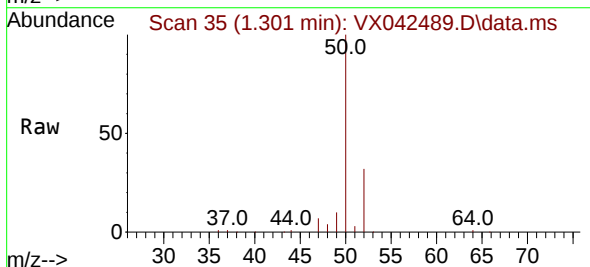
Instrument :
MSVOA_X
ClientSampleId :
E20F8MS

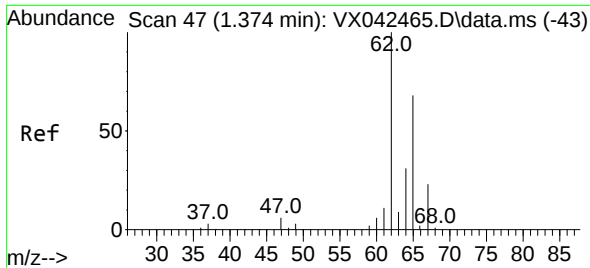
Tgt Ion: 85 Resp: 61700
Ion Ratio Lower Upper
85 100
87 33.0 26.0 39.0



#3
Chloromethane
Concen: 43.921 ug/L
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX042489.D
Acq: 23 Jul 2024 21:55

Tgt Ion: 50 Resp: 61540
Ion Ratio Lower Upper
50 100
52 32.0 23.5 43.7

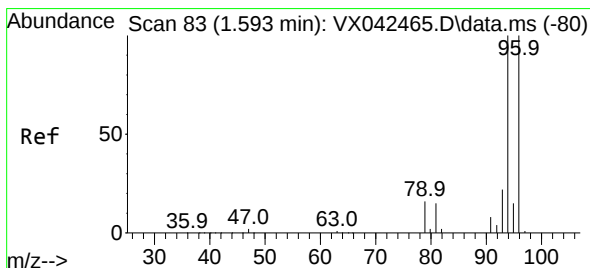
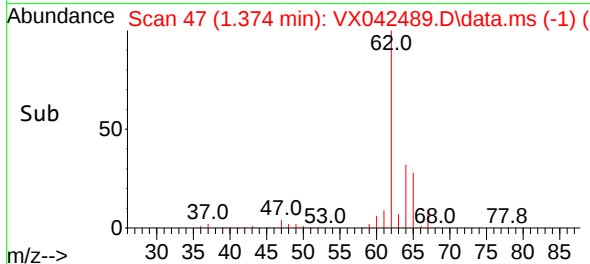
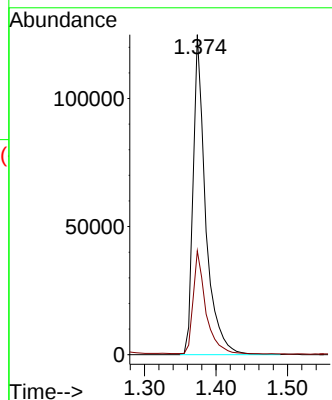
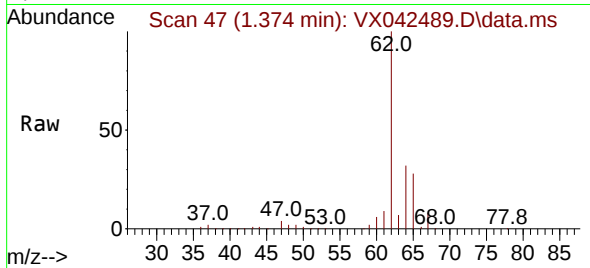




#5
 Vinyl chloride
 Concen: 110.088 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX042489.D
 Acq: 23 Jul 2024 21:55

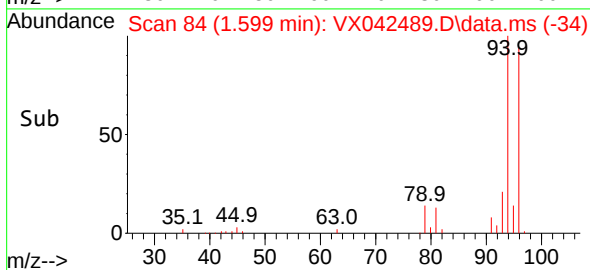
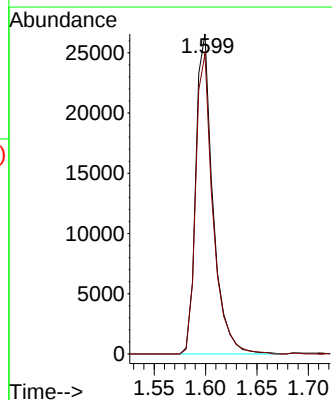
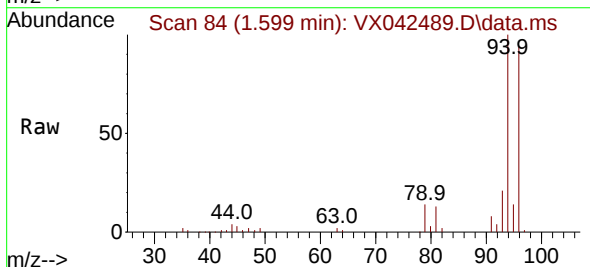
Instrument :
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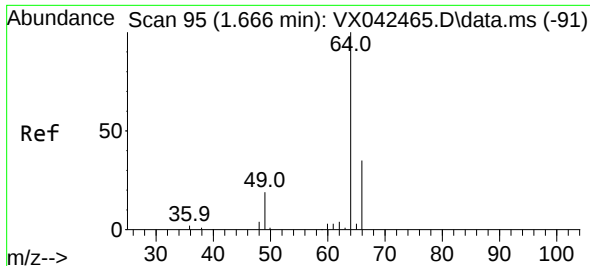
Tgt Ion: 62 Resp: 151717
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.2 43.0



#6
 Bromomethane
 Concen: 41.107 ug/L
 RT: 1.599 min Scan# 84
 Delta R.T. 0.006 min
 Lab File: VX042489.D
 Acq: 23 Jul 2024 21:55

Tgt Ion: 94 Resp: 30869
 Ion Ratio Lower Upper
 94 100
 96 93.9 66.4 123.4

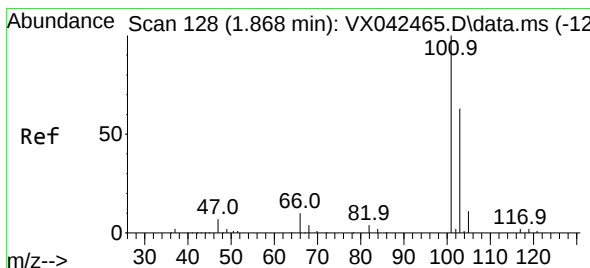
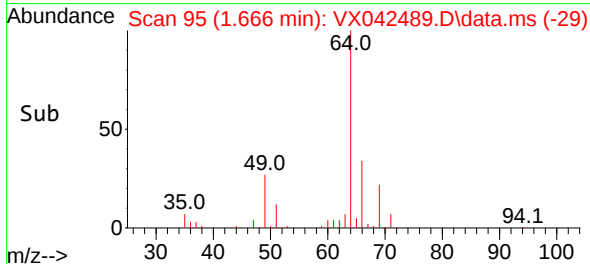
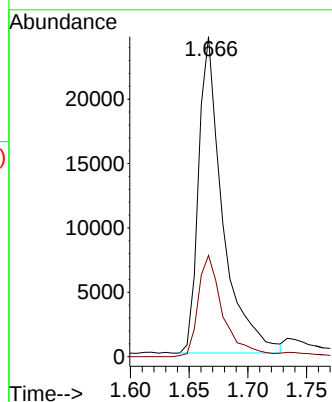
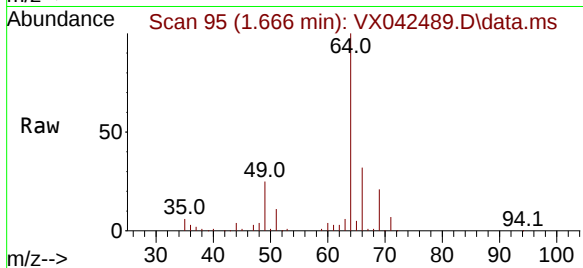




#8
Chloroethane
Concen: 51.091 ug/L
RT: 1.666 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX042489.D
Acq: 23 Jul 2024 21:55

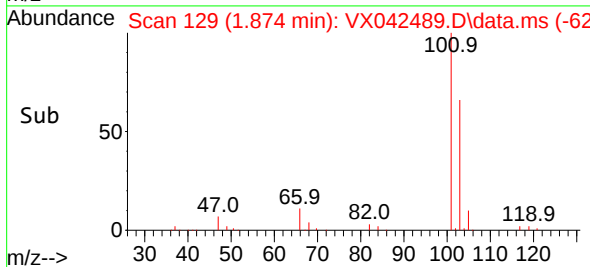
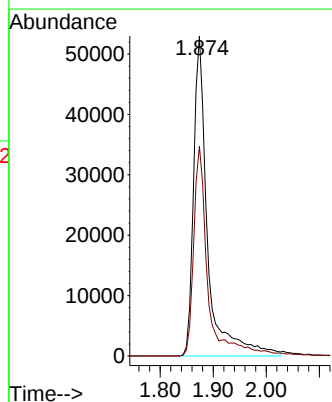
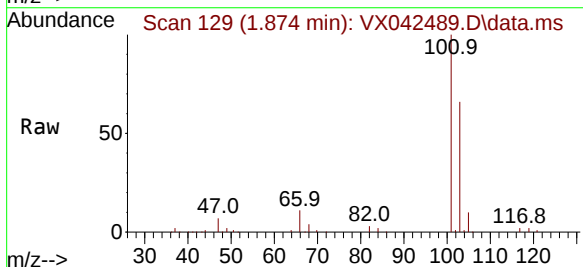
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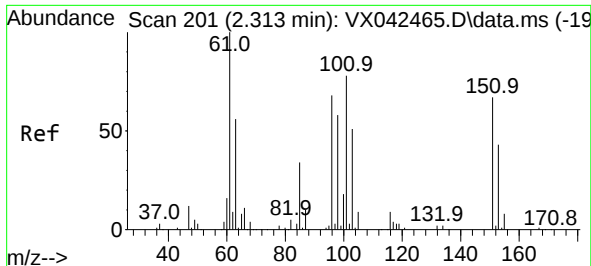
Tgt Ion: 64 Resp: 35096
Ion Ratio Lower Upper
64 100
66 31.7 22.5 41.7



#9
Trichlorofluoromethane
Concen: 54.478 ug/L
RT: 1.874 min Scan# 129
Delta R.T. 0.006 min
Lab File: VX042489.D
Acq: 23 Jul 2024 21:55

Tgt Ion: 101 Resp: 97712
Ion Ratio Lower Upper
101 100
103 56.0 50.2 75.4

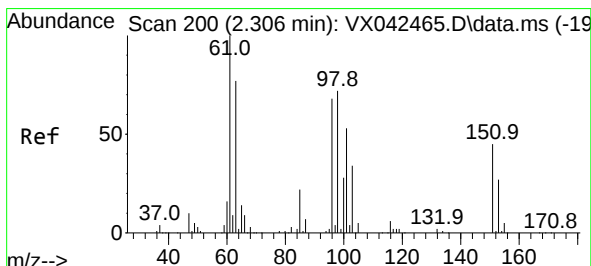
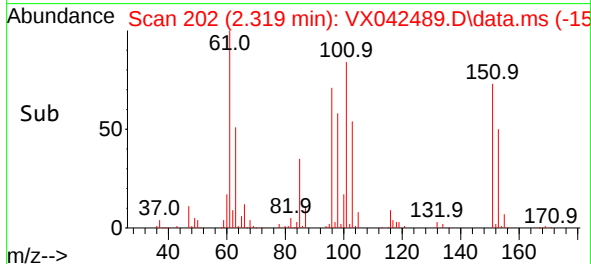
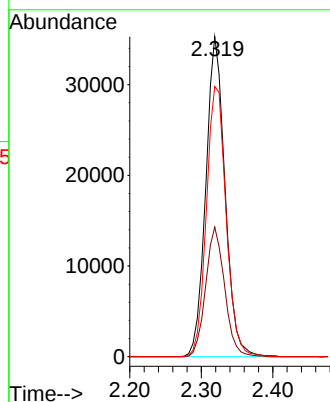
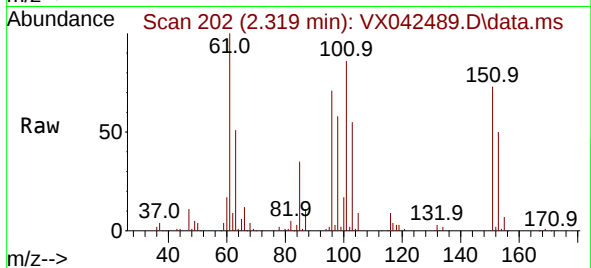




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 53.262 ug/L
 RT: 2.319 min Scan# 201
 Delta R.T. 0.006 min
 Lab File: VX042489.D
 Acq: 23 Jul 2024 21:55

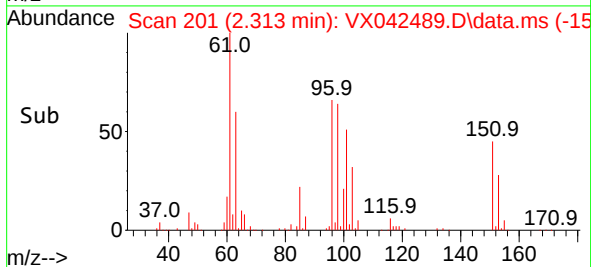
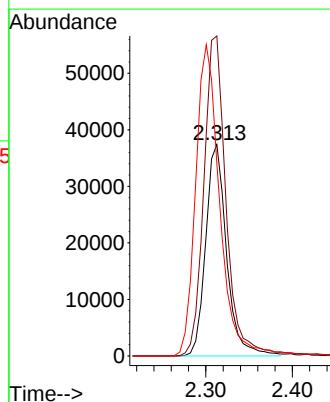
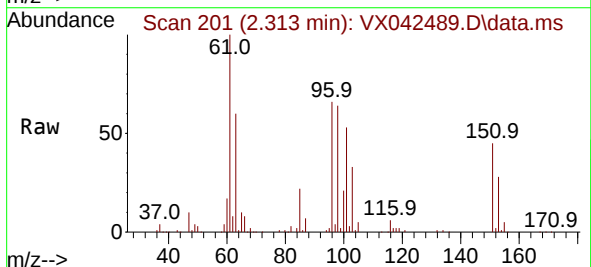
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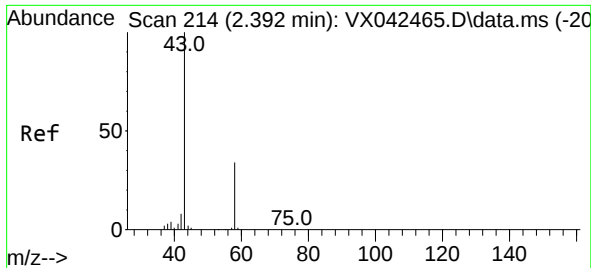
Tgt Ion:101 Resp: 65836
 Ion Ratio Lower Upper
 101 100
 85 39.9 31.3 46.9
 151 86.7 69.7 104.5



#12
 1,1-Dichloroethene
 Concen: 53.565 ug/L
 RT: 2.313 min Scan# 201
 Delta R.T. 0.006 min
 Lab File: VX042489.D
 Acq: 23 Jul 2024 21:55

Tgt Ion: 96 Resp: 62716
 Ion Ratio Lower Upper
 96 100
 61 151.3 106.7 198.1
 63 91.1 89.2 165.6

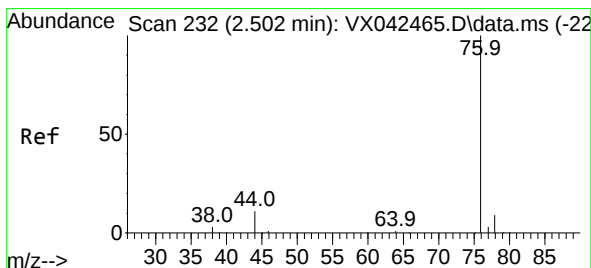
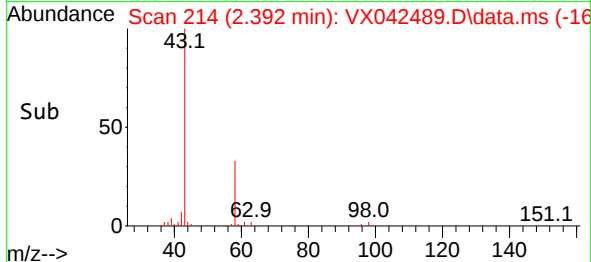
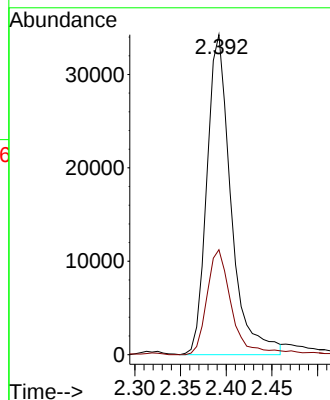
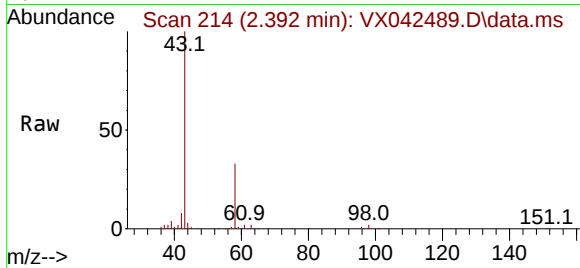




#13
Acetone
Concen: 113.241 ug/L
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
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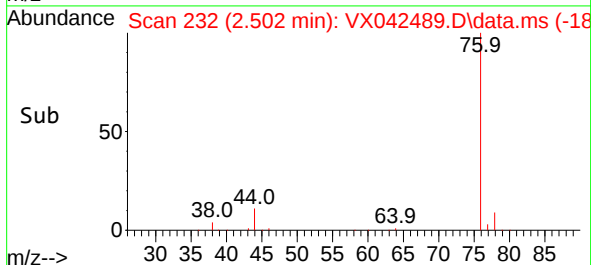
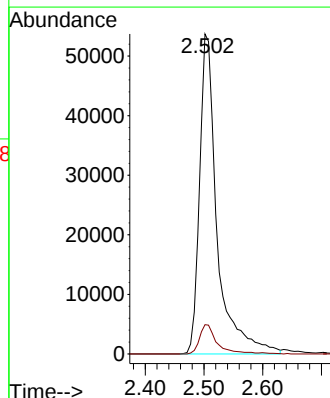
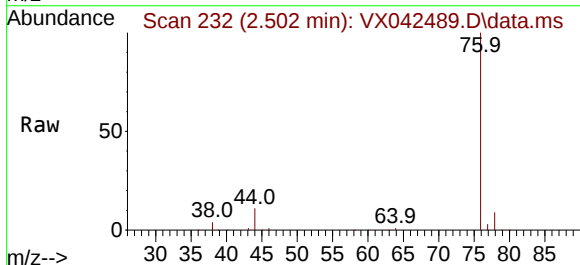
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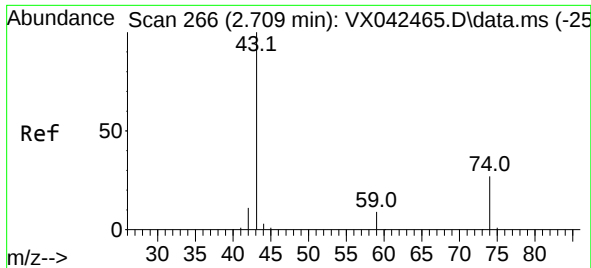
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Ion Ratio Lower Upper
43 100
58 32.5 0.0 62.6



#14
Carbon disulfide
Concen: 38.330 ug/L
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX042489.D
Acq: 23 Jul 2024 21:55

Tgt Ion: 76 Resp: 111648
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

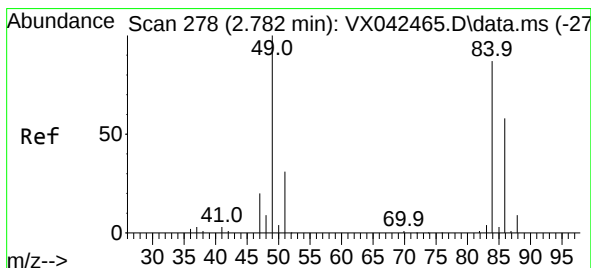
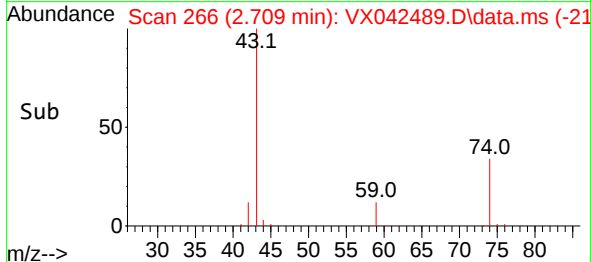
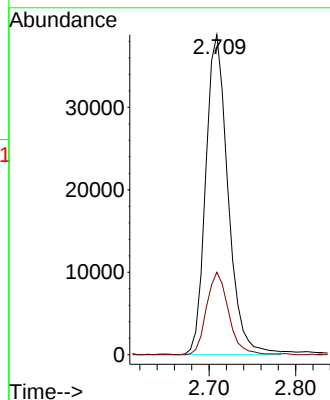
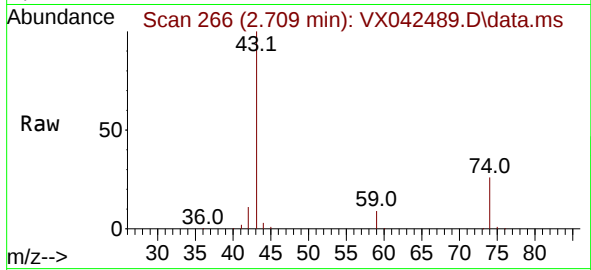




#15
Methyl Acetate
Concen: 49.304 ug/L
RT: 2.709 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX042489.D
Acq: 23 Jul 2024 21:55

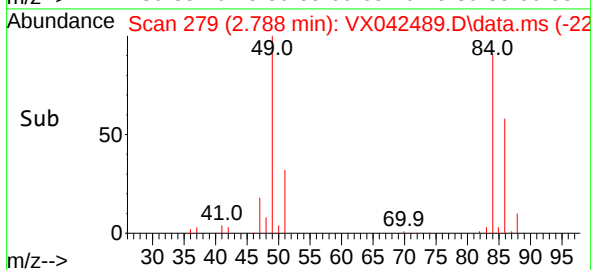
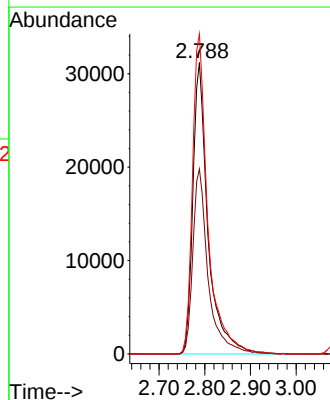
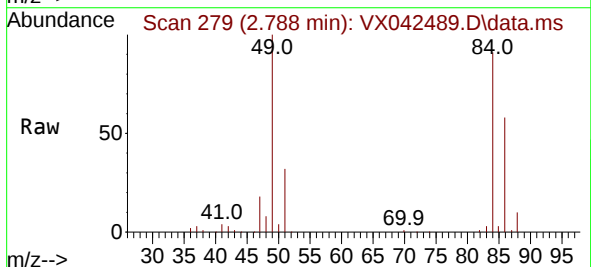
Instrument :
MSVOA_X
ClientSampleId :
E20F8MS

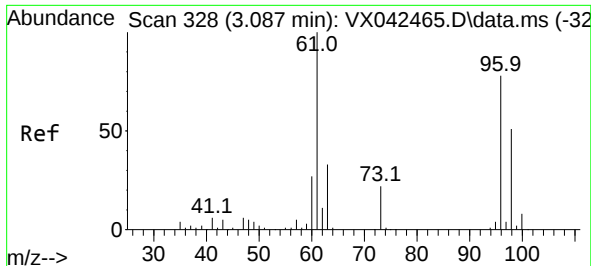
Tgt Ion: 43 Resp: 69486
Ion Ratio Lower Upper
43 100
74 25.3 20.1 30.1



#16
Methylene chloride
Concen: 49.703 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX042489.D
Acq: 23 Jul 2024 21:55

Tgt Ion: 84 Resp: 71798
Ion Ratio Lower Upper
84 100
86 63.5 45.7 84.9
49 109.8 76.4 141.8

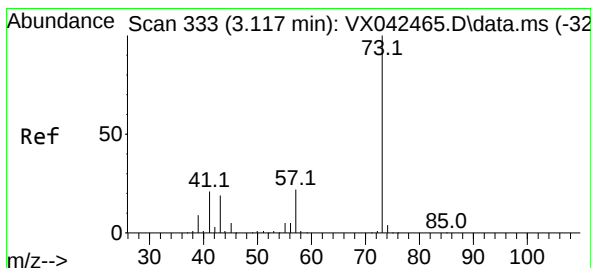
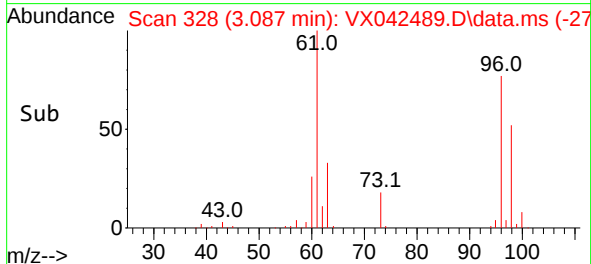
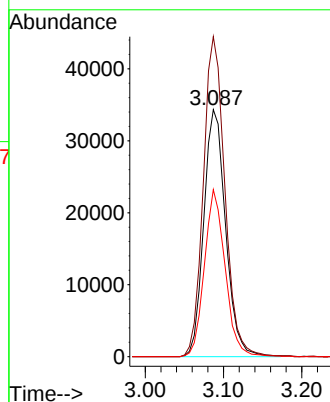
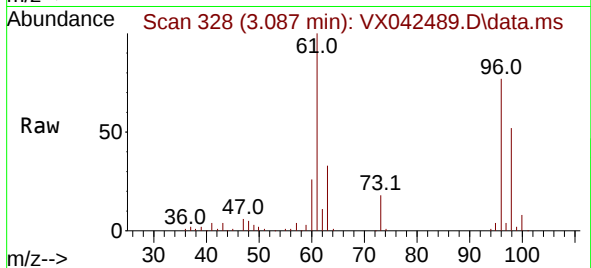




#17
trans-1,2-Dichloroethene
Concen: 55.214 ug/L
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX042489.D
Acq: 23 Jul 2024 21:55

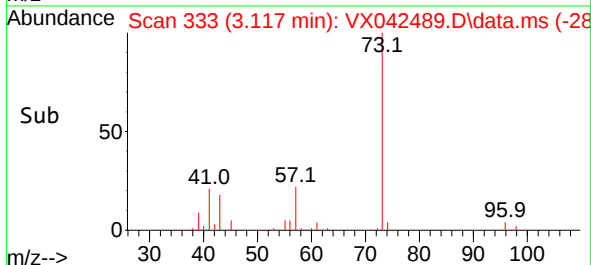
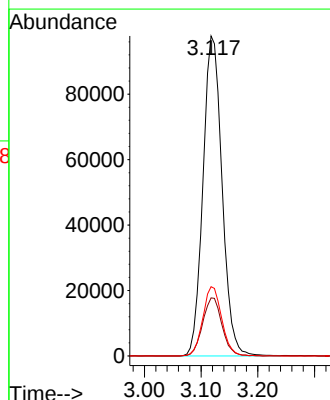
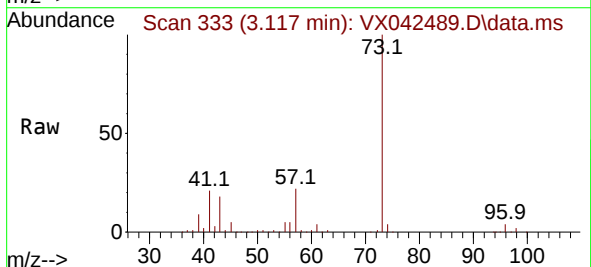
Instrument :
MSVOA_X
ClientSampleId :
E20F8MS

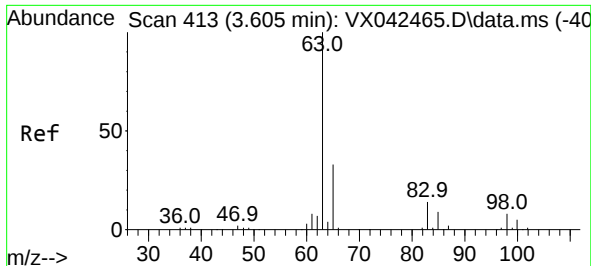
Tgt Ion: 96 Resp: 66491
Ion Ratio Lower Upper
96 100
61 129.5 88.4 164.2
98 67.6 46.5 86.5



#18
Methyl tert-butyl Ether
Concen: 58.073 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX042489.D
Acq: 23 Jul 2024 21:55

Tgt Ion: 73 Resp: 228693
Ion Ratio Lower Upper
73 100
43 18.4 14.5 21.7
57 21.5 17.5 26.3





#19

1,1-Dichloroethane

Concen: 61.392 ug/L

RT: 3.605 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX042489.D

Acq: 23 Jul 2024 21:55

Instrument :

MSVOA_X

ClientSampleId :

E20F8MS

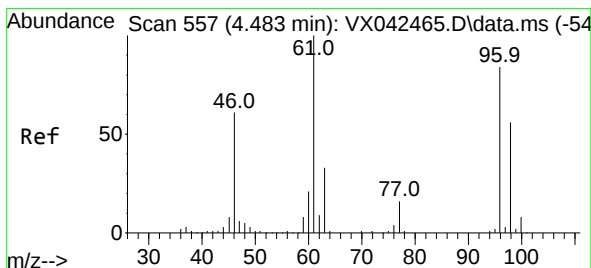
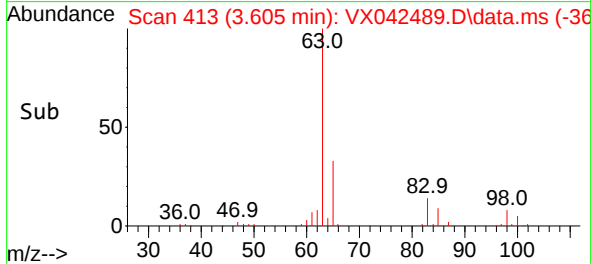
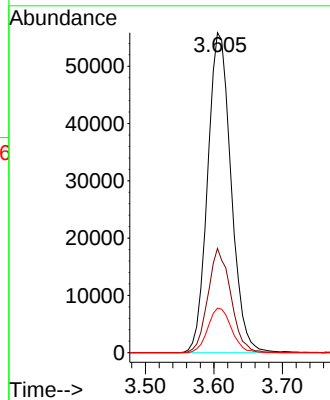
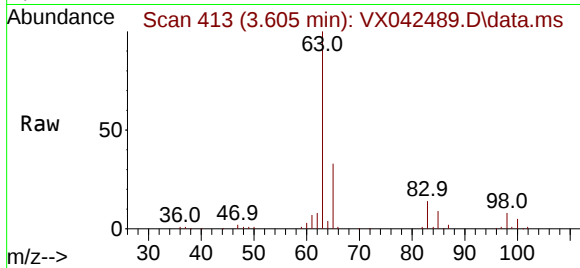
Tgt Ion: 63 Resp: 132759

Ion Ratio Lower Upper

63 100

65 32.6 22.2 41.2

83 13.9 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 602.054 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX042489.D

Acq: 23 Jul 2024 21:55

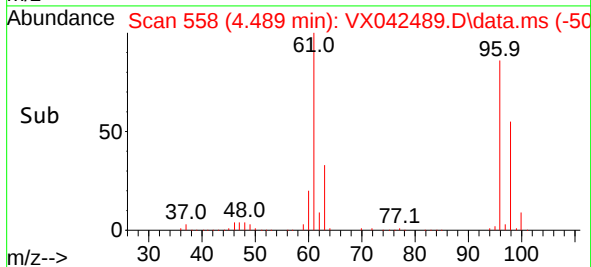
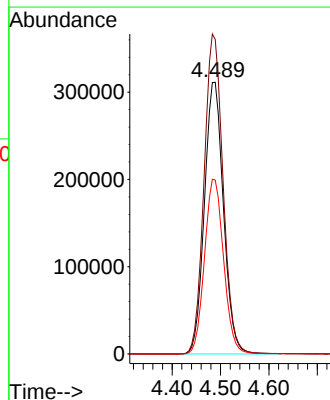
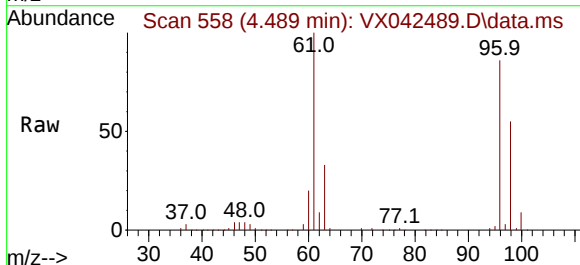
Tgt Ion: 96 Resp: 851766

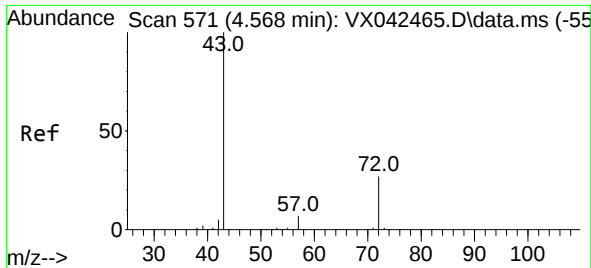
Ion Ratio Lower Upper

96 100

61 115.8 80.5 149.5

98 64.0 45.7 84.9

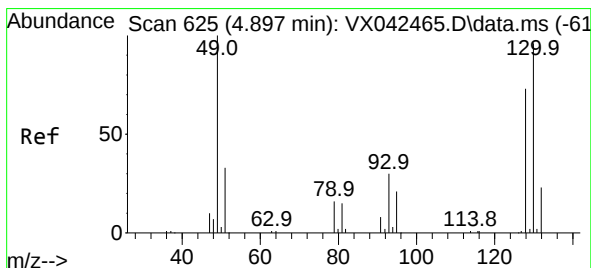
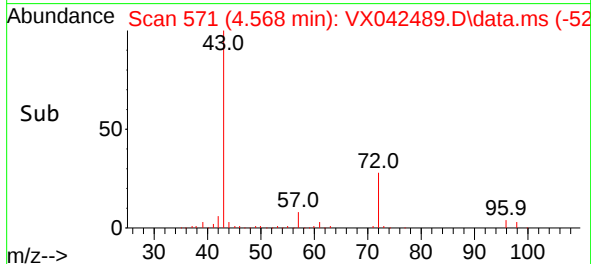
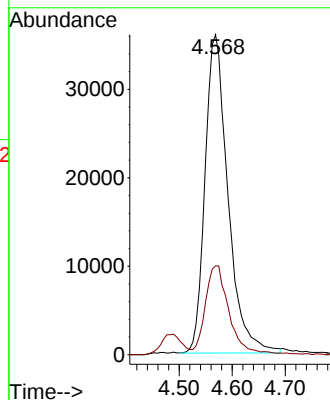
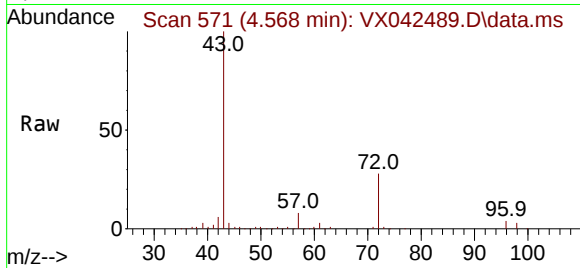




#22
2-Butanone
Concen: 116.608 ug/L
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX042489.D
Acq: 23 Jul 2024 21:55

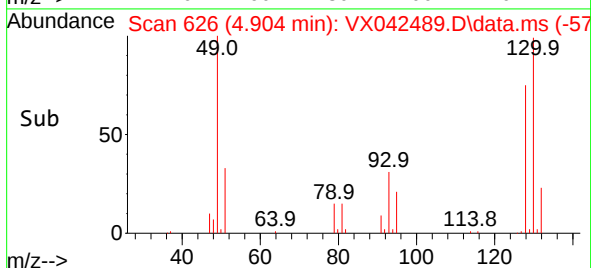
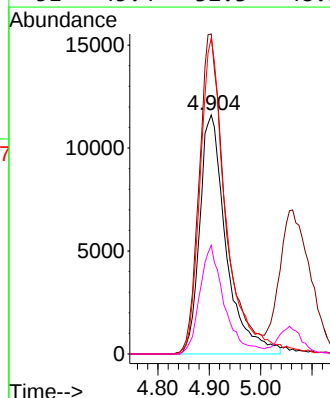
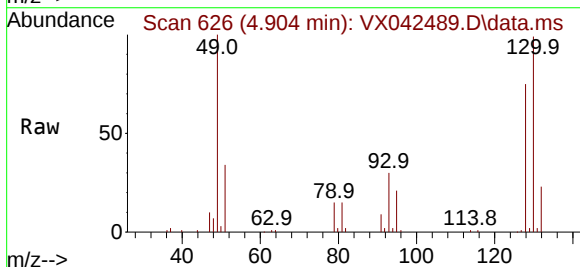
Instrument :
MSVOA_X
ClientSampleId :
E20F8MS

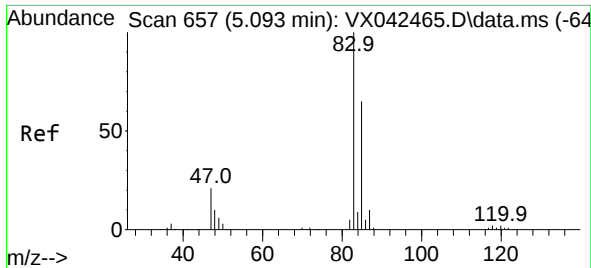
Tgt Ion: 43 Resp: 108268
Ion Ratio Lower Upper
43 100
72 26.7 13.7 41.1



#23
Bromochloromethane
Concen: 54.620 ug/L
RT: 4.904 min Scan# 626
Delta R.T. 0.006 min
Lab File: VX042489.D
Acq: 23 Jul 2024 21:55

Tgt Ion: 128 Resp: 41297
Ion Ratio Lower Upper
128 100
49 133.9 89.7 166.7
130 132.1 90.0 167.2
51 45.4 32.3 48.5

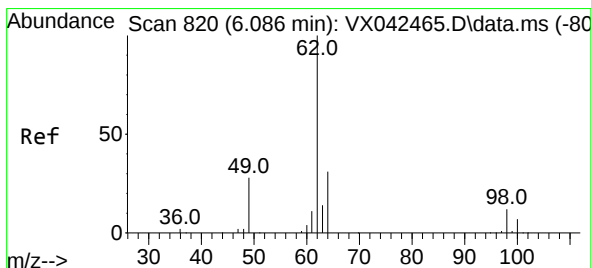
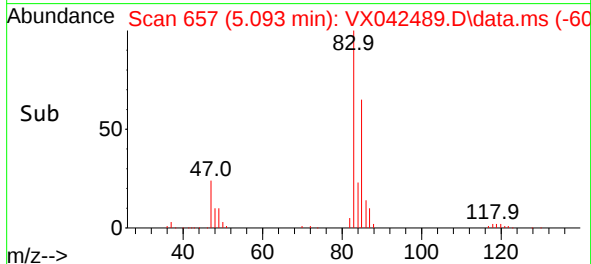
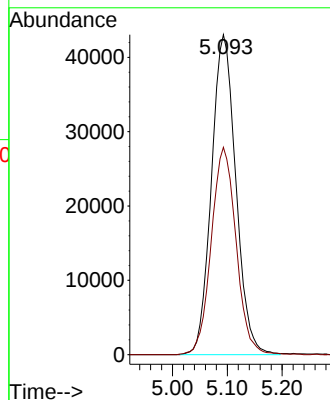
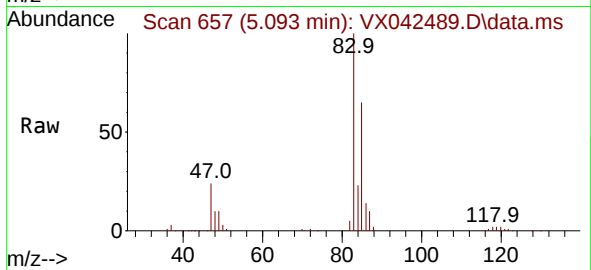




#25
Chloroform
Concen: 58.658 ug/L
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX042489.D
Acq: 23 Jul 2024 21:55

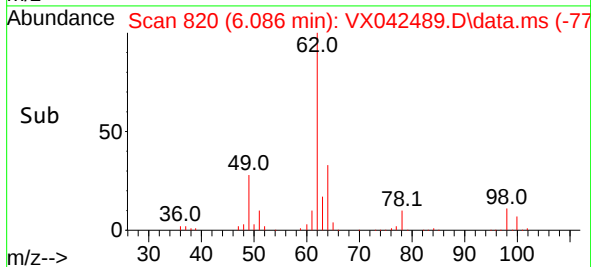
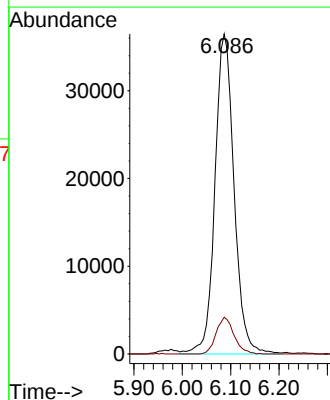
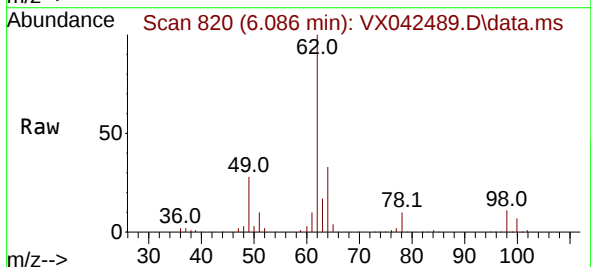
Instrument :
MSVOA_X
ClientSampleId :
E20F8MS

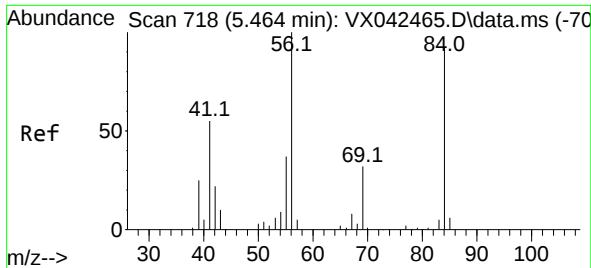
Tgt Ion: 83 Resp: 133000
Ion Ratio Lower Upper
83 100
85 64.8 45.8 85.2



#27
1,2-Dichloroethane
Concen: 59.569 ug/L
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX042489.D
Acq: 23 Jul 2024 21:55

Tgt Ion: 62 Resp: 100095
Ion Ratio Lower Upper
62 100
98 11.5 9.3 13.9

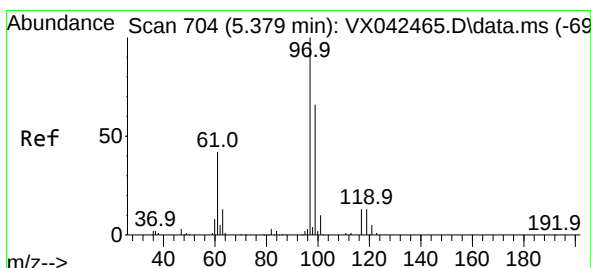
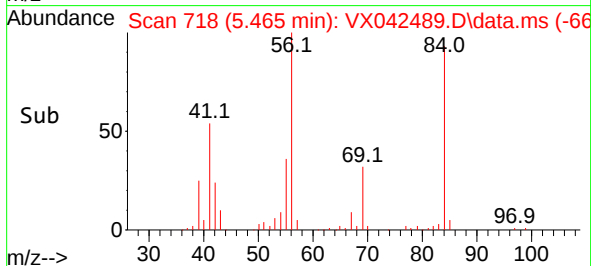
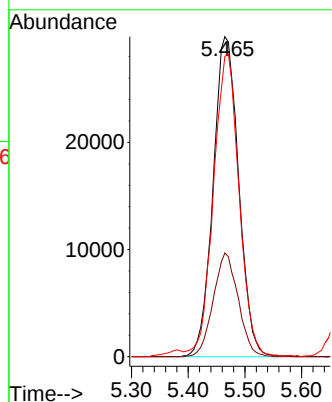
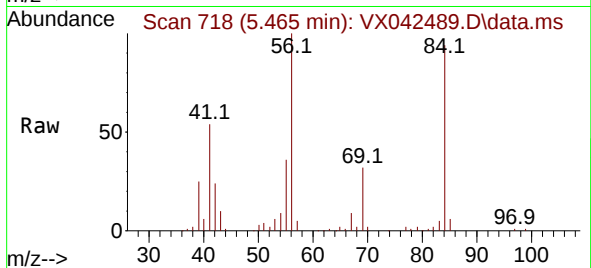




#29
Cyclohexane
Concen: 48.589 ug/L
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX042489.D
Acq: 23 Jul 2024 21:55

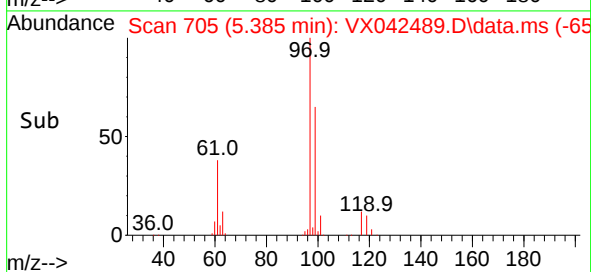
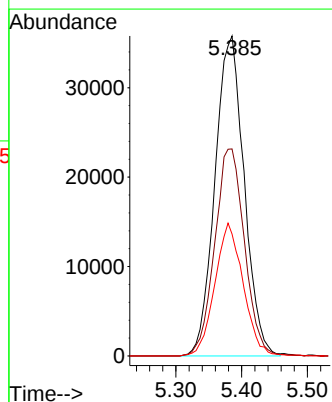
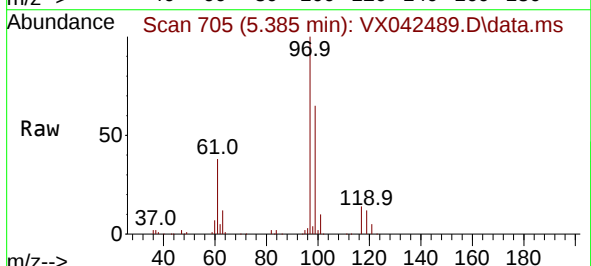
Instrument :
MSVOA_X
ClientSampleId :
E20F8MS

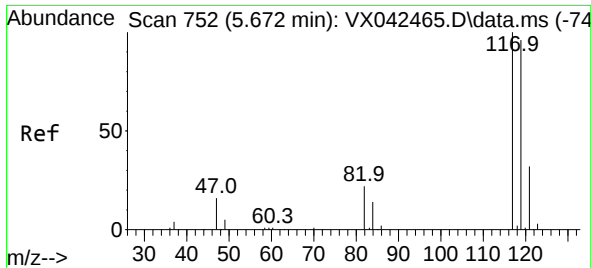
Tgt Ion:	56	Resp:	93494
Ion	Ratio	Lower	Upper
56	100		
69	31.5	25.3	37.9
84	94.5	74.0	111.0



#30
1,1,1-Trichloroethane
Concen: 57.096 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX042489.D
Acq: 23 Jul 2024 21:55

Tgt Ion:	97	Resp:	110675
Ion	Ratio	Lower	Upper
97	100		
99	66.0	52.0	78.0
61	40.2	31.2	46.8

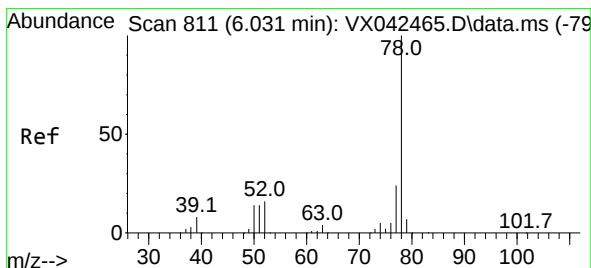
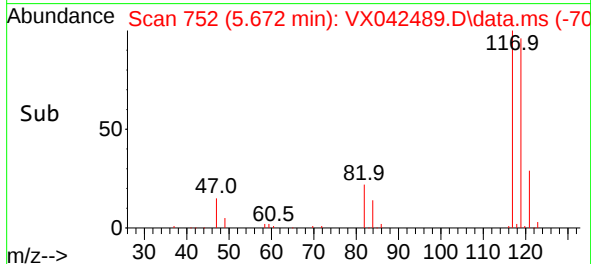
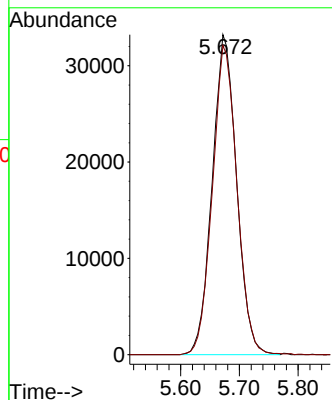
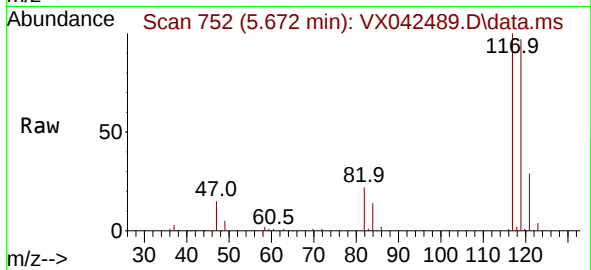




#31
Carbon tetrachloride
Concen: 56.609 ug/L
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX042489.D
Acq: 23 Jul 2024 21:55

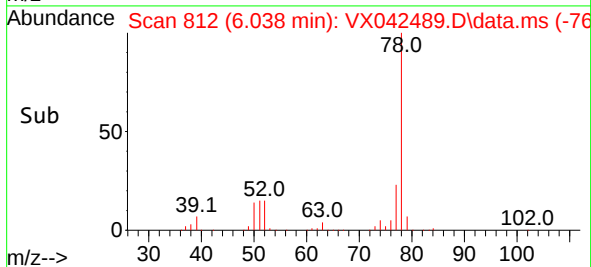
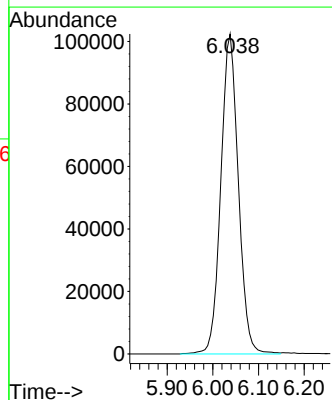
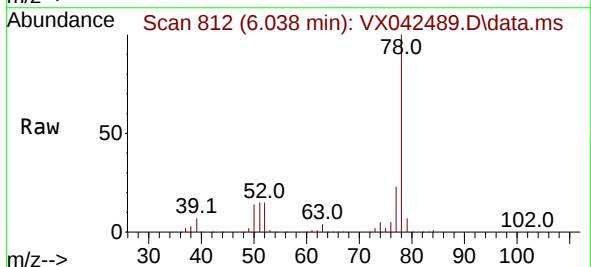
Instrument :
MSVOA_X
ClientSampleId :
E20F8MS

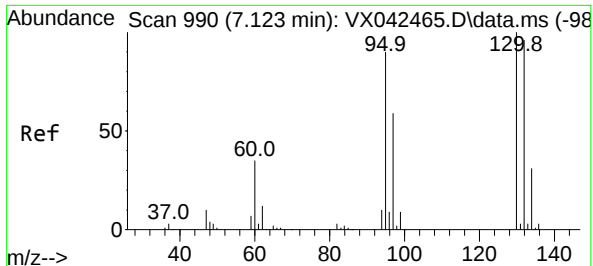
Tgt Ion:117 Resp: 95849
Ion Ratio Lower Upper
117 100
119 97.2 77.7 116.5



#33
Benzene
Concen: 54.741 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX042489.D
Acq: 23 Jul 2024 21:55

Tgt Ion: 78 Resp: 272547

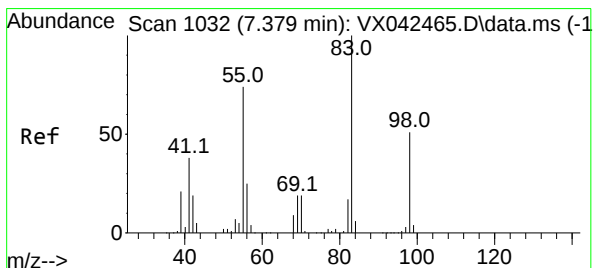
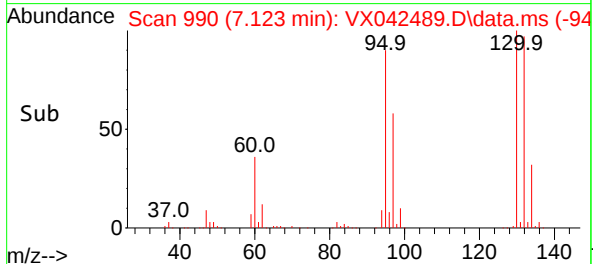
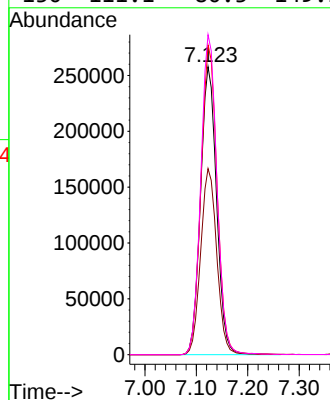
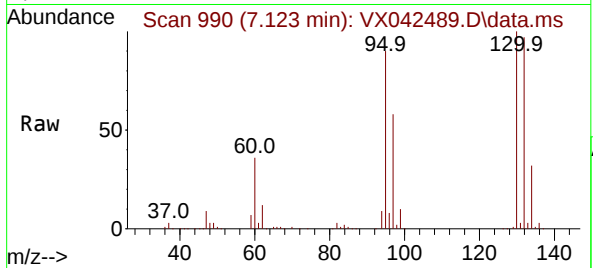




#34
Trichloroethene
Concen: 428.603 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX042489.D
Acq: 23 Jul 2024 21:55

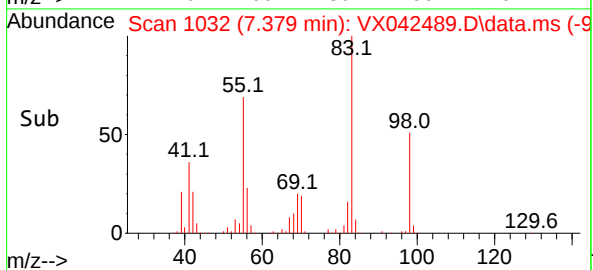
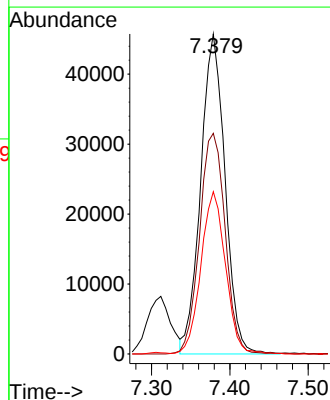
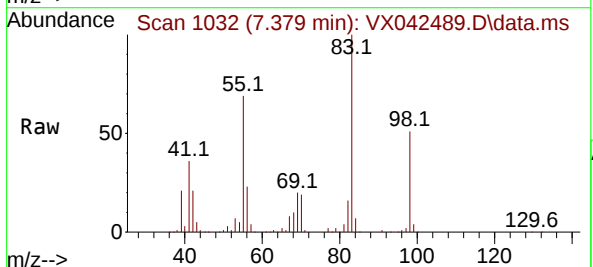
Instrument :
MSVOA_X
ClientSampleId :
E20F8MS

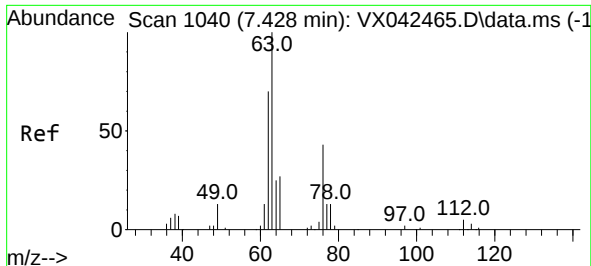
Tgt Ion: 95 Resp: 558974
Ion Ratio Lower Upper
95 100
97 64.6 45.1 83.7
132 107.5 77.2 143.4
130 111.1 80.3 149.1



#35
Methylcyclohexane
Concen: 49.924 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX042489.D
Acq: 23 Jul 2024 21:55

Tgt Ion: 83 Resp: 98723
Ion Ratio Lower Upper
83 100
55 72.4 56.4 84.6
98 51.4 40.4 60.6





#37

1,2-Dichloropropane

Concen: 57.514 ug/L

RT: 7.428 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX042489.D

Acq: 23 Jul 2024 21:55

Instrument :

MSVOA_X

ClientSampleId :

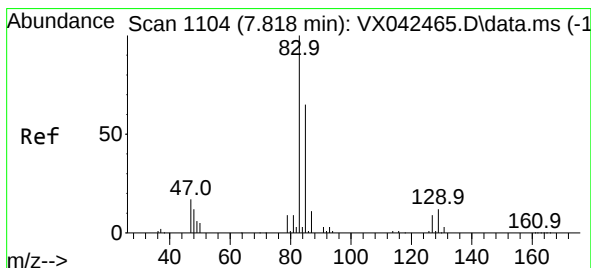
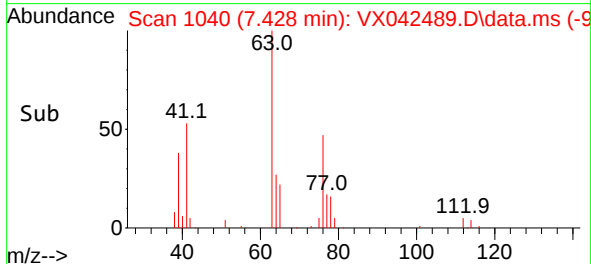
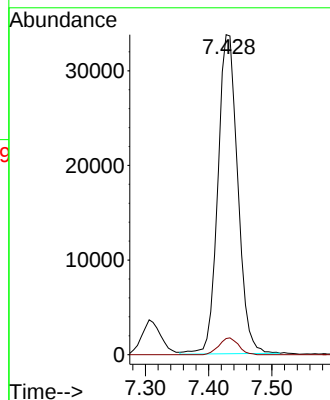
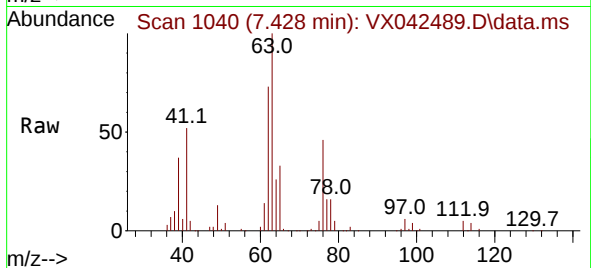
E20F8MS

Tgt Ion: 63 Resp: 73473

Ion Ratio Lower Upper

63 100

112 5.2 4.3 6.5



#38

Bromodichloromethane

Concen: 58.438 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX042489.D

Acq: 23 Jul 2024 21:55

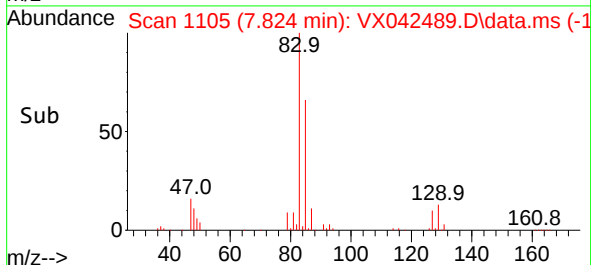
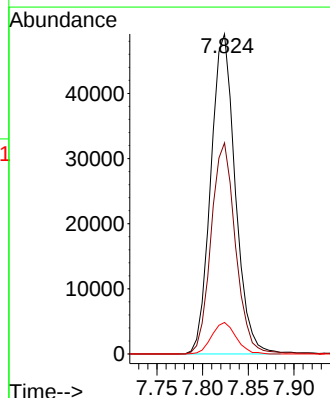
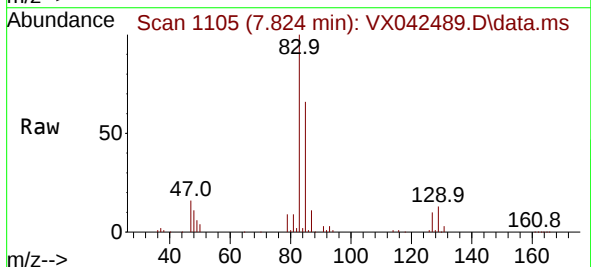
Tgt Ion: 83 Resp: 91418

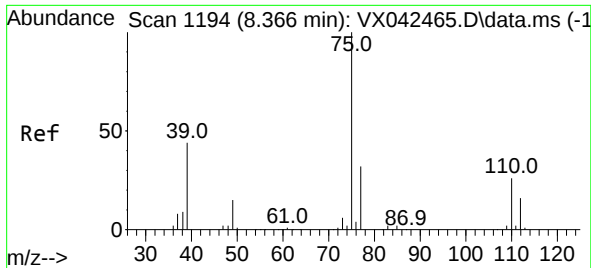
Ion Ratio Lower Upper

83 100

85 66.0 45.4 84.2

127 9.9 7.3 10.9

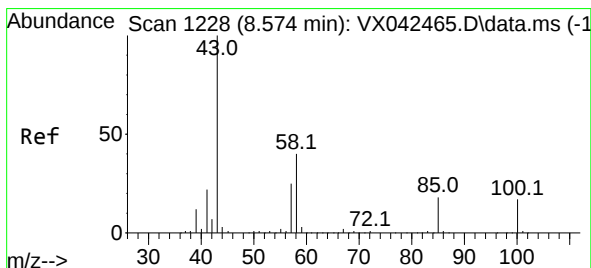
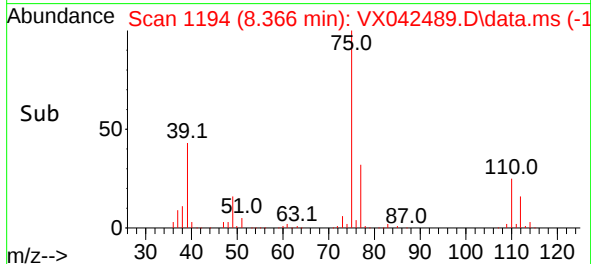
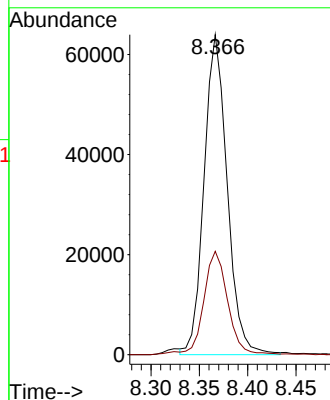
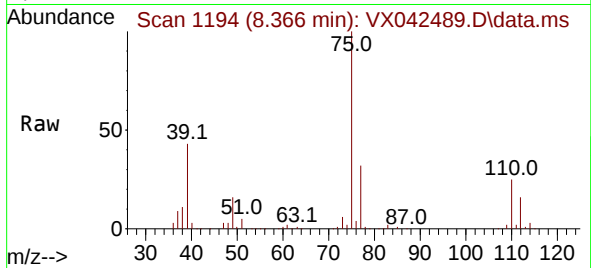




#39
 cis-1,3-Dichloropropene
 Concen: 56.651 ug/L
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX042489.D
 Acq: 23 Jul 2024 21:55

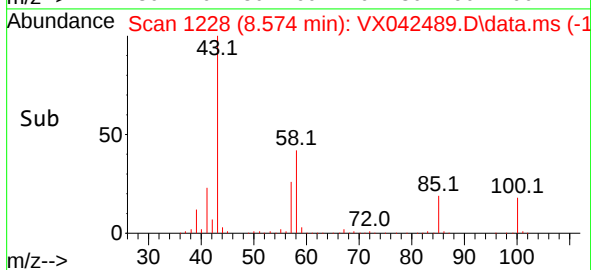
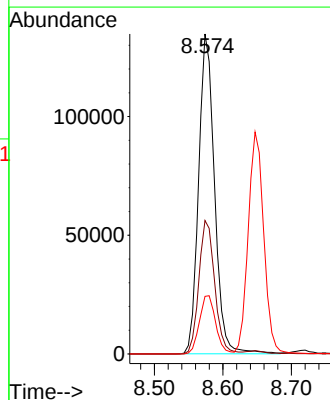
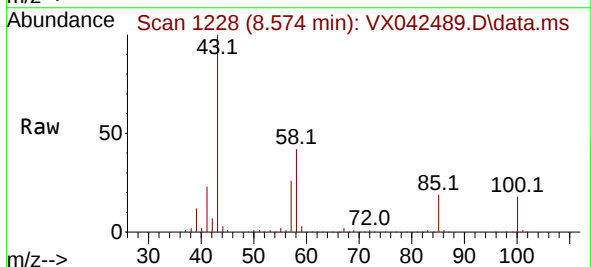
Instrument :
 MSVOA_X
 ClientSampleId :
 E20F8MS

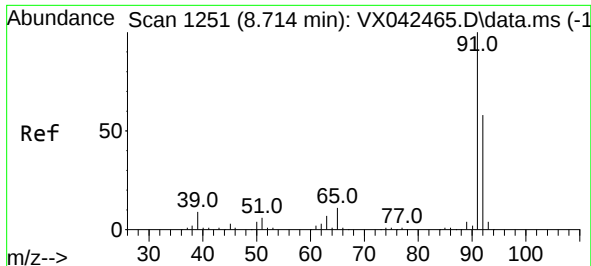
Tgt Ion: 75 Resp: 106561
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 119.923 ug/L
 RT: 8.574 min Scan# 1228
 Delta R.T. 0.000 min
 Lab File: VX042489.D
 Acq: 23 Jul 2024 21:55

Tgt Ion: 43 Resp: 218514
 Ion Ratio Lower Upper
 43 100
 58 41.4 33.7 50.5
 100 18.6 15.4 23.2





#42

Toluene

Concen: 55.165 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX042489.D

Acq: 23 Jul 2024 21:55

Instrument :

MSVOA_X

ClientSampleId :

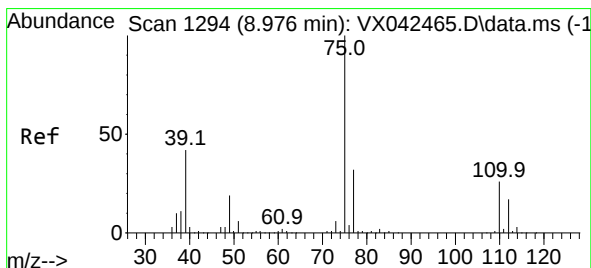
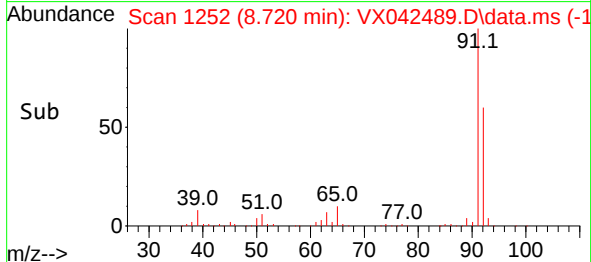
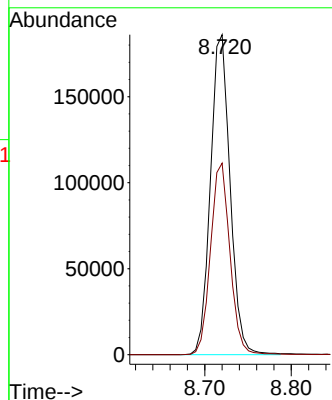
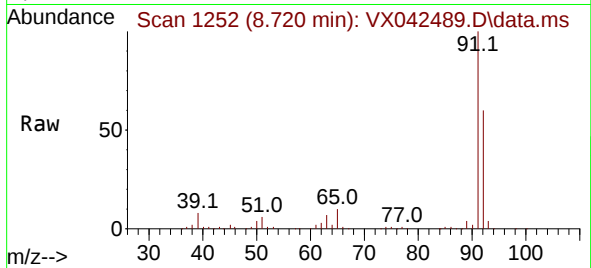
E20F8MS

Tgt Ion: 91 Resp: 293066

Ion Ratio Lower Upper

91 100

92 59.9 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 58.449 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX042489.D

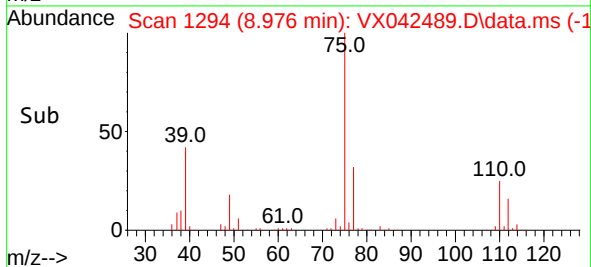
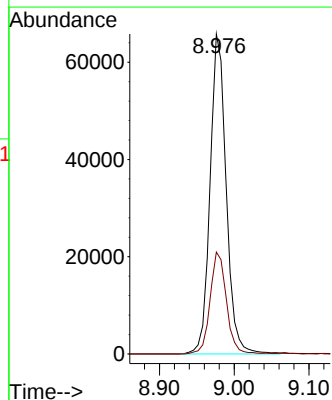
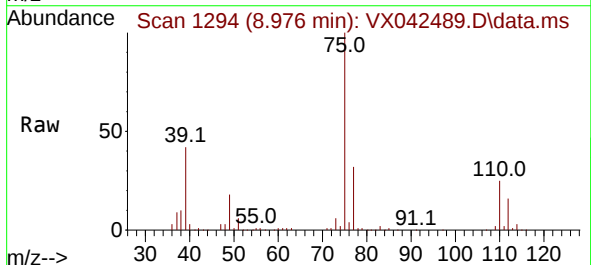
Acq: 23 Jul 2024 21:55

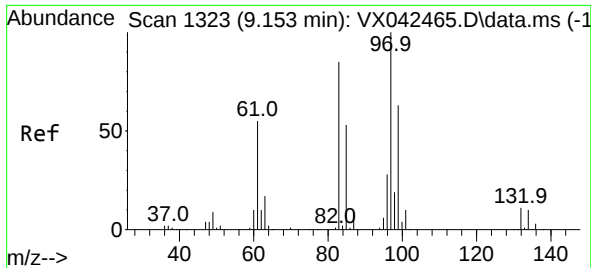
Tgt Ion: 75 Resp: 98573

Ion Ratio Lower Upper

75 100

77 31.9 22.2 41.2

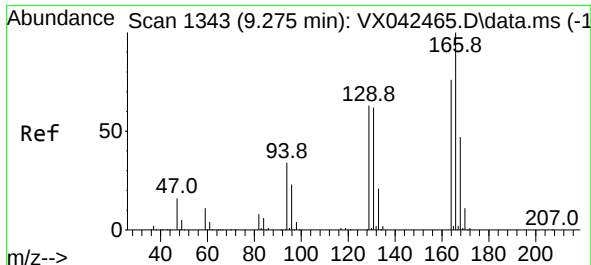
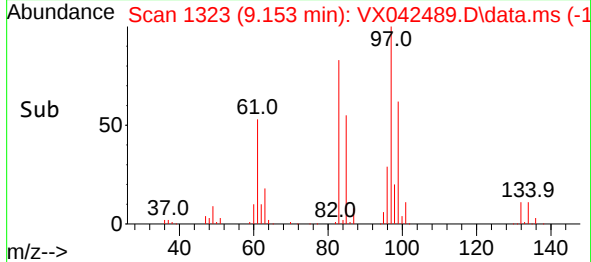
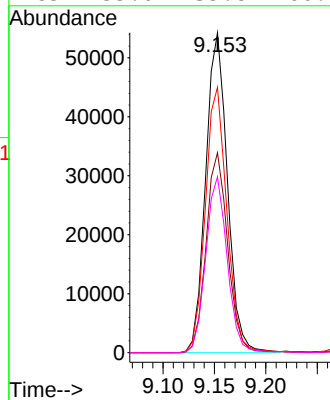
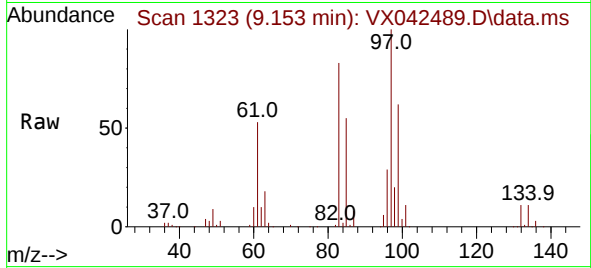




#45
1,1,2-Trichloroethane
Concen: 58.507 ug/L
RT: 9.153 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042489.D
Acq: 23 Jul 2024 21:55

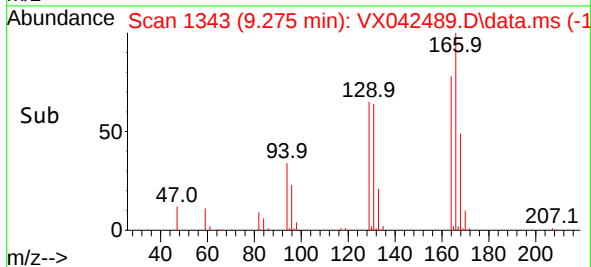
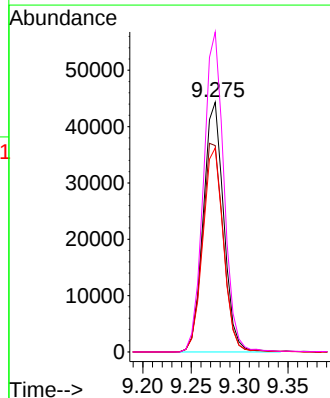
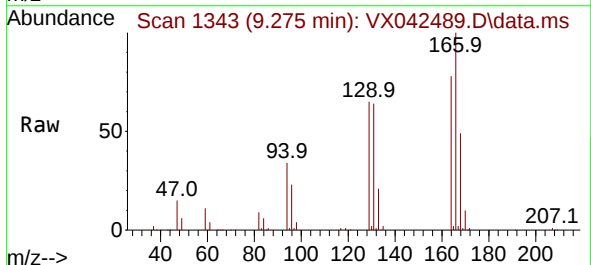
Instrument :
MSVOA_X
ClientSampleId :
E20F8MS

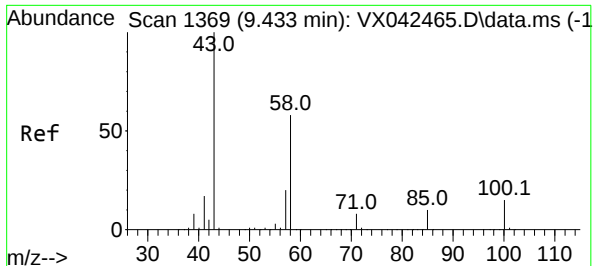
Tgt Ion: 97	Resp: 79972
Ion Ratio	Lower Upper
97 100	
99 62.5	43.3 80.3
83 82.9	56.2 104.4
85 55.0	35.8 66.4



#46
Tetrachloroethene
Concen: 53.363 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX042489.D
Acq: 23 Jul 2024 21:55

Tgt	Ion:164	Resp:	65143
Ion	Ratio	Lower	Upper
164	100		
129	82.7	58.6	108.8
131	81.7	57.9	107.5
166	128.2	91.8	170.4

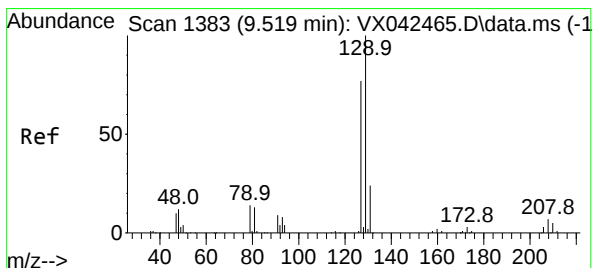
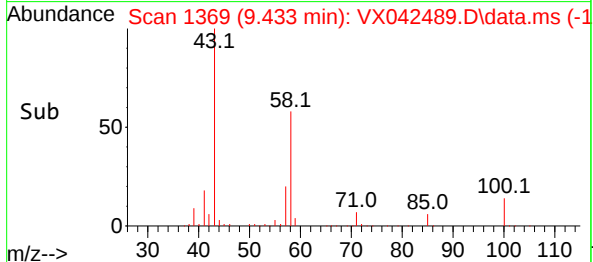
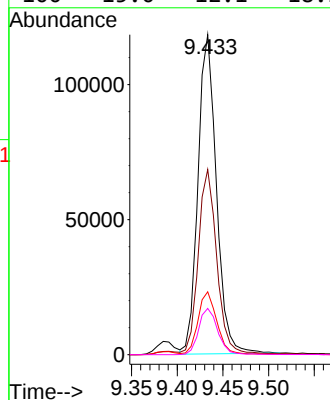
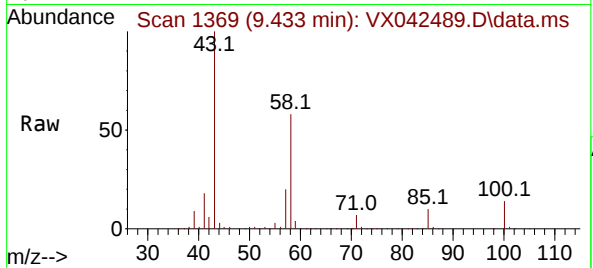




#48
2-Hexanone
Concen: 115.919 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX042489.D
Acq: 23 Jul 2024 21:55

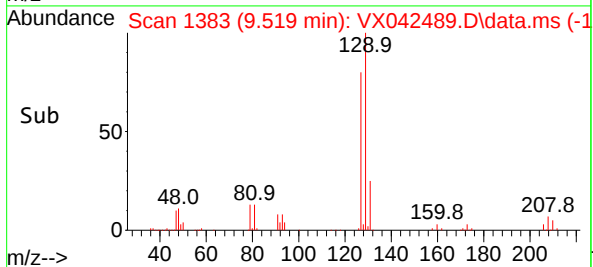
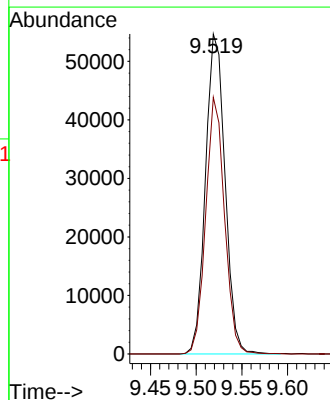
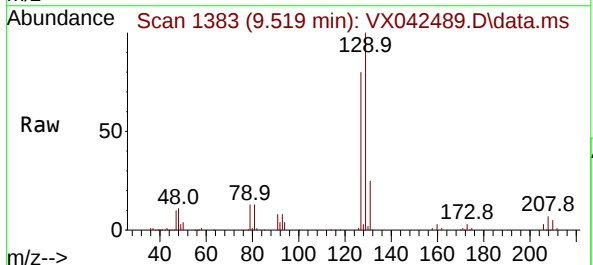
Instrument :
MSVOA_X
ClientSampleId :
E20F8MS

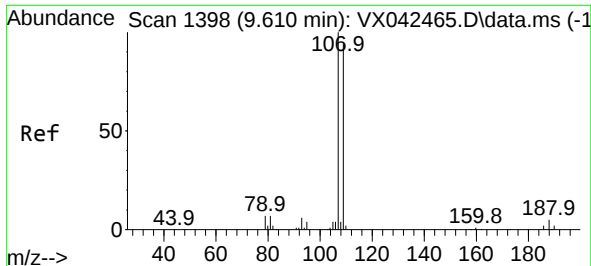
Tgt Ion: 43 Resp: 165870
Ion Ratio Lower Upper
43 100
58 58.0 46.4 69.6
57 20.0 16.3 24.5
100 15.0 12.1 18.1



#49
Dibromochloromethane
Concen: 58.271 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX042489.D
Acq: 23 Jul 2024 21:55

Tgt Ion: 129 Resp: 81119
Ion Ratio Lower Upper
129 100
127 80.2 53.7 99.7

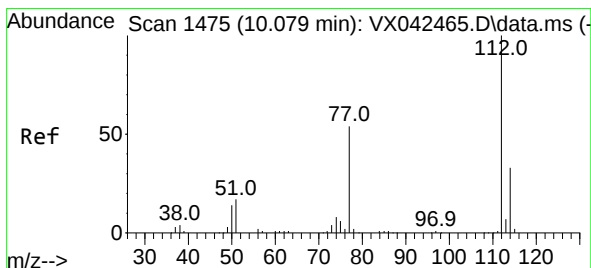
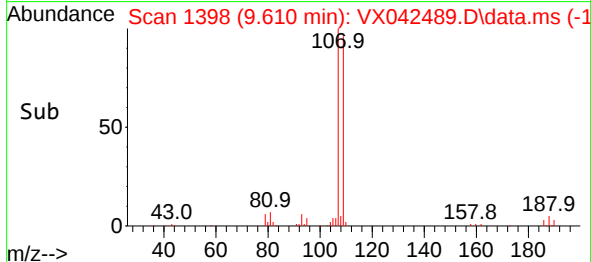
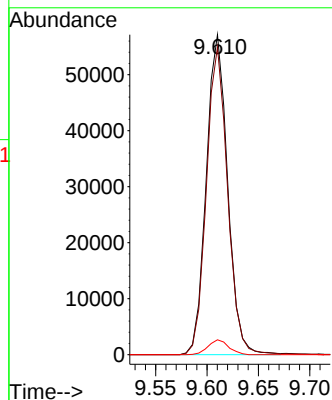
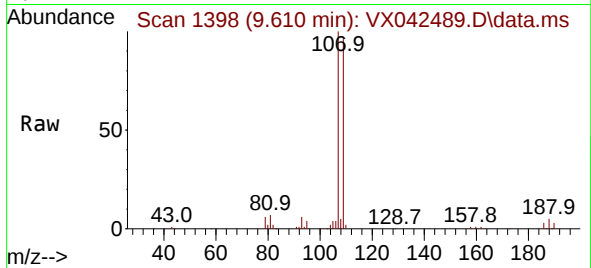




#50
1,2-Dibromoethane
Concen: 56.478 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX042489.D
Acq: 23 Jul 2024 21:55

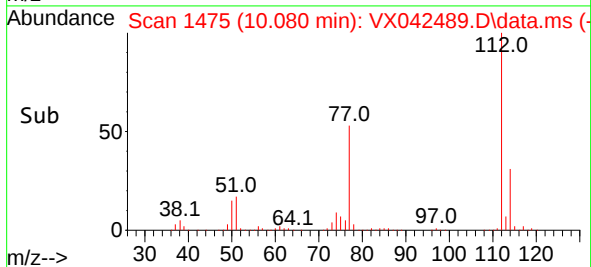
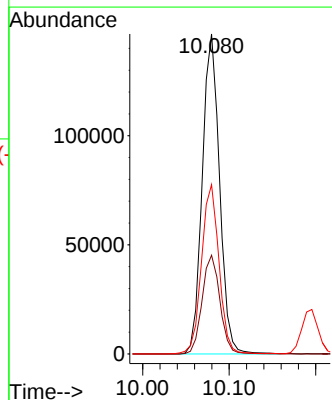
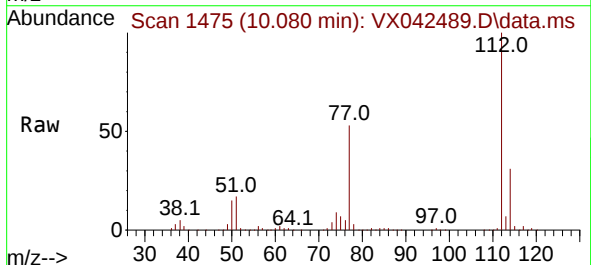
Instrument :
MSVOA_X
ClientSampleId :
E20F8MS

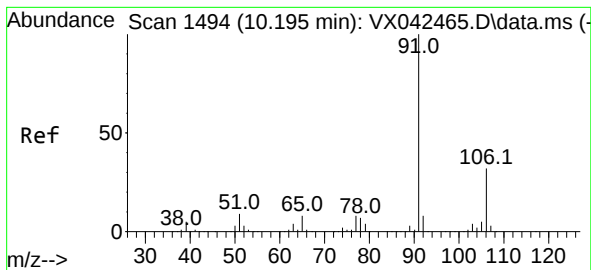
Tgt Ion:107 Resp: 82910
Ion Ratio Lower Upper
107 100
109 96.2 67.5 125.3
188 4.6 4.2 6.2



#51
Chlorobenzene
Concen: 55.731 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX042489.D
Acq: 23 Jul 2024 21:55

Tgt Ion:112 Resp: 203240
Ion Ratio Lower Upper
112 100
114 30.9 23.2 43.2
77 52.9 43.0 64.4

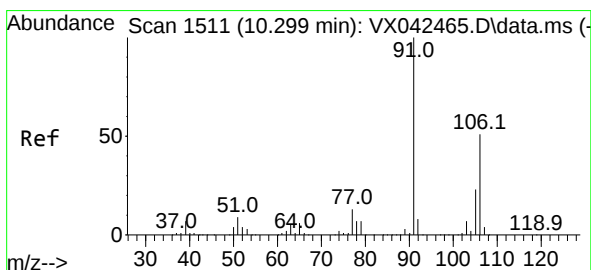
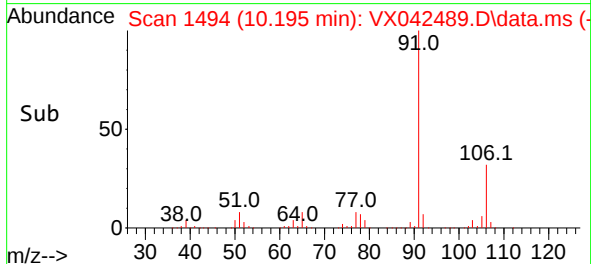
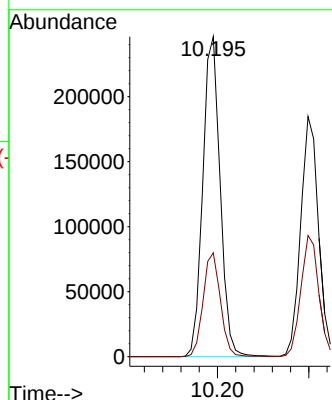
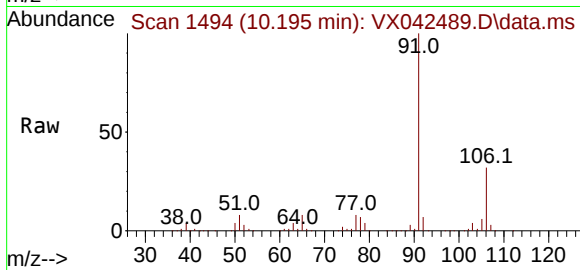




#52
Ethylbenzene
Concen: 56.144 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX042489.D
Acq: 23 Jul 2024 21:55

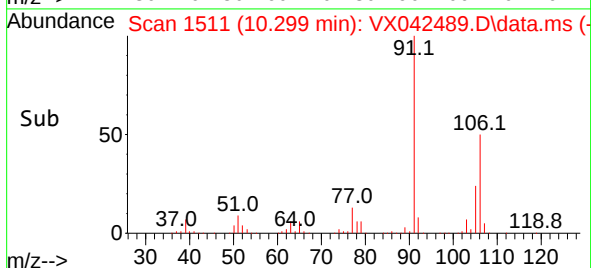
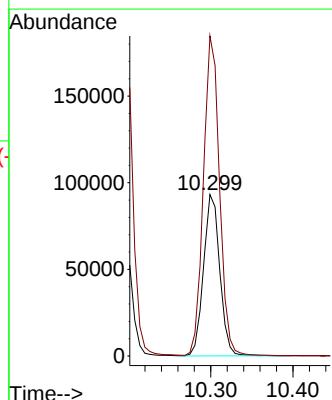
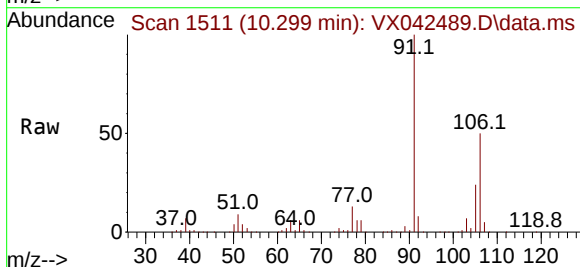
Instrument :
MSVOA_X
ClientSampleId :
E20F8MS

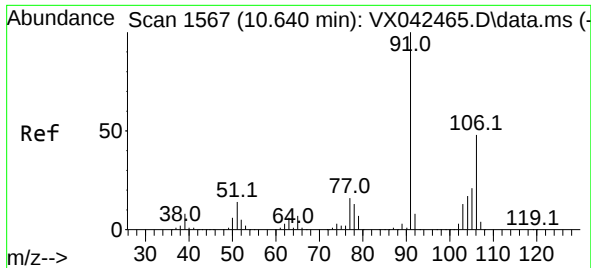
Tgt Ion: 91 Resp: 324131
Ion Ratio Lower Upper
91 100
106 32.5 23.1 42.9



#53
m,p-Xylene
Concen: 54.988 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX042489.D
Acq: 23 Jul 2024 21:55

Tgt Ion: 106 Resp: 127778
Ion Ratio Lower Upper
106 100
91 198.3 136.4 253.2

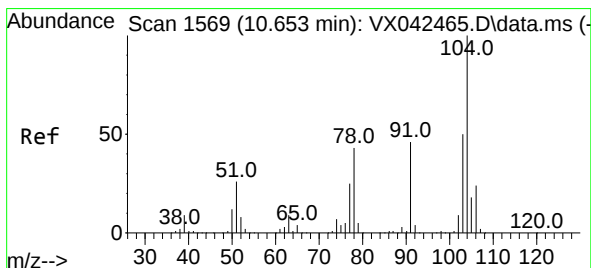
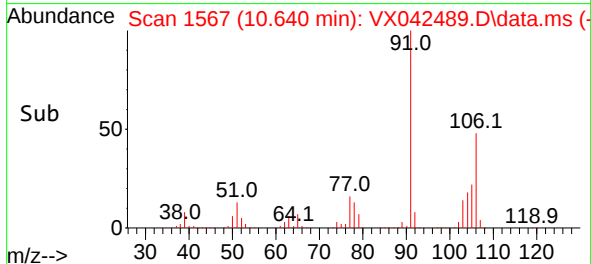
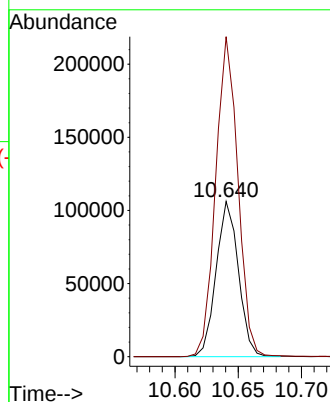
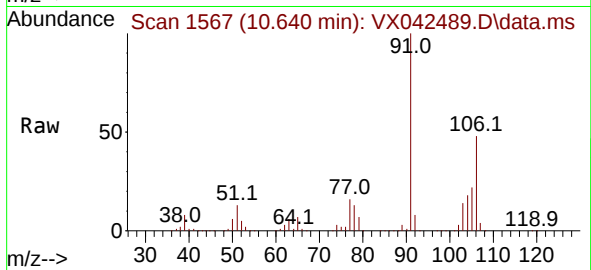




#54
o-Xylene
Concen: 56.040 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX042489.D
Acq: 23 Jul 2024 21:55

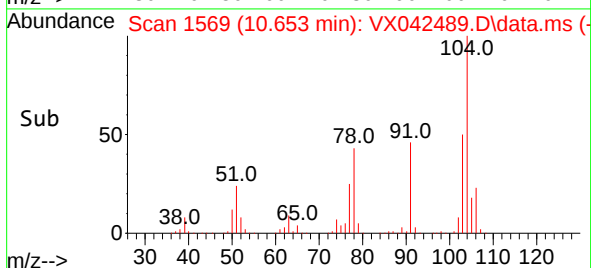
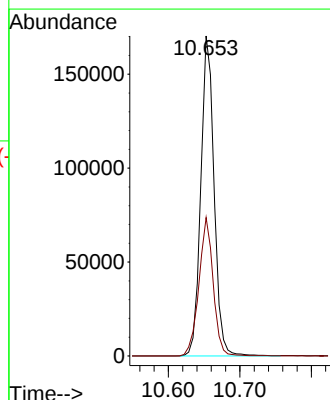
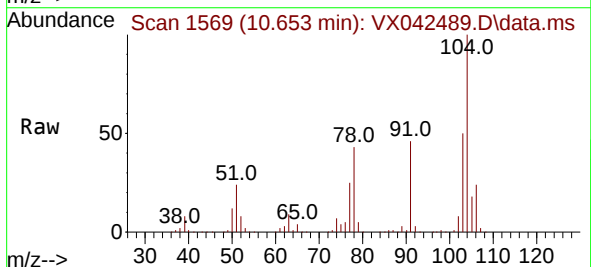
Instrument :
MSVOA_X
ClientSampleId :
E20F8MS

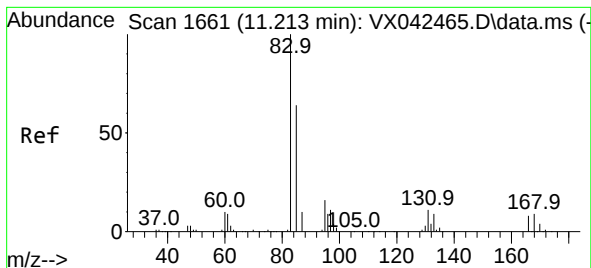
Tgt Ion:106 Resp: 130080
Ion Ratio Lower Upper
106 100
91 206.3 143.4 266.2



#55
Styrene
Concen: 56.801 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX042489.D
Acq: 23 Jul 2024 21:55

Tgt Ion:104 Resp: 219691
Ion Ratio Lower Upper
104 100
78 43.3 29.5 54.9





#57

1,1,2-Tetrachloroethane

Concen: 58.657 ug/L

RT: 11.214 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042489.D

Acq: 23 Jul 2024 21:55

Instrument :

MSVOA_X

ClientSampleId :

E20F8MS

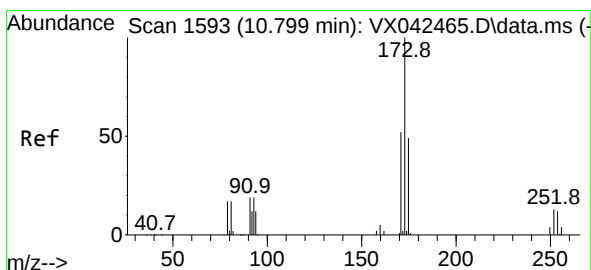
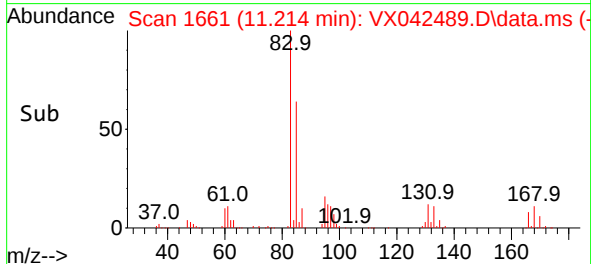
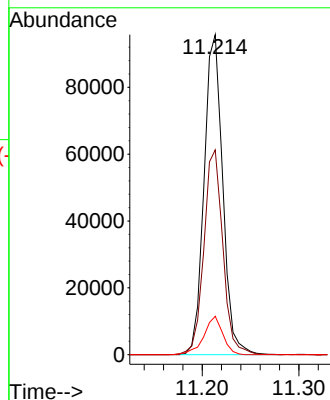
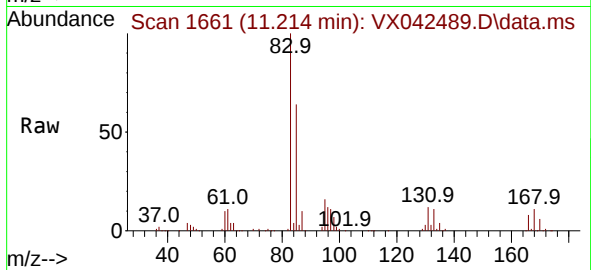
Tgt Ion: 83 Resp: 128685

Ion Ratio Lower Upper

83 100

85 64.0 45.1 83.7

131 12.0 9.0 13.4



#59

Bromoform

Concen: 57.150 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX042489.D

Acq: 23 Jul 2024 21:55

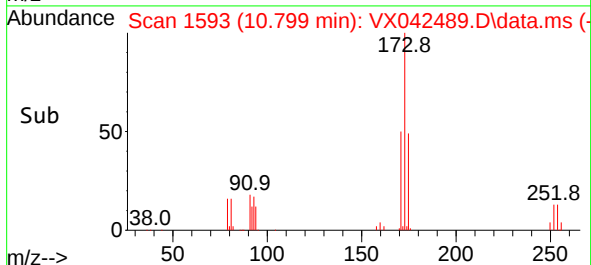
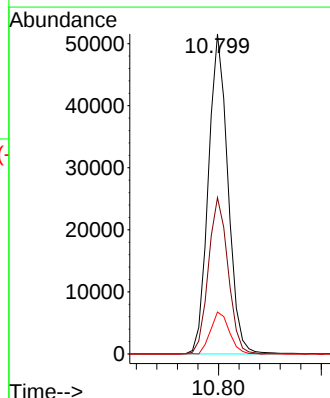
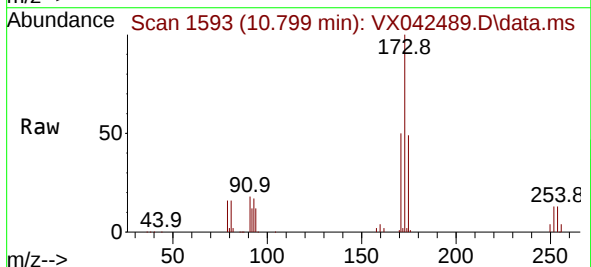
Tgt Ion:173 Resp: 68049

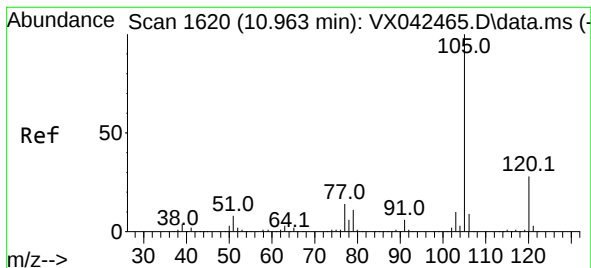
Ion Ratio Lower Upper

173 100

175 49.1 39.5 59.3

254 12.6 10.6 15.8





#60

Isopropylbenzene

Concen: 56.558 ug/L

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX042489.D

Acq: 23 Jul 2024 21:55

Instrument :

MSVOA_X

ClientSampleId :

E20F8MS

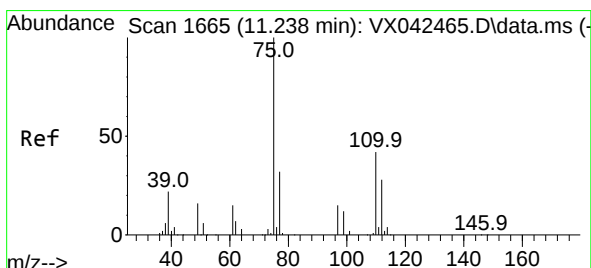
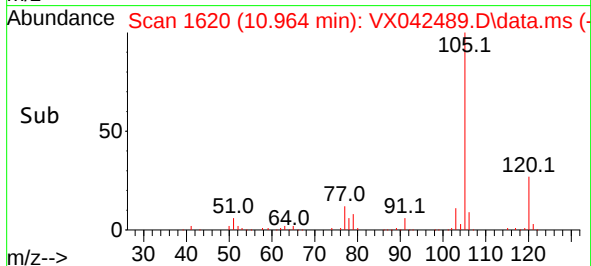
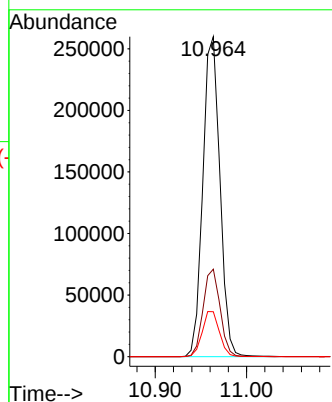
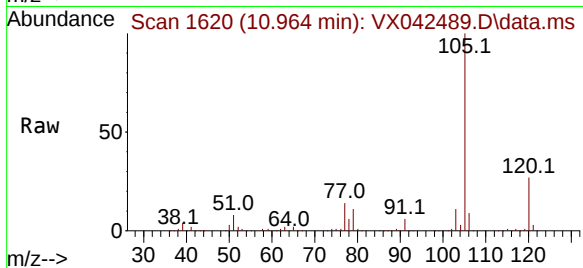
Tgt Ion:105 Resp: 336369

Ion Ratio Lower Upper

105 100

120 27.3 22.0 33.0

77 14.3 11.0 16.6



#61

1,2,3-Trichloropropane

Concen: 57.436 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX042489.D

Acq: 23 Jul 2024 21:55

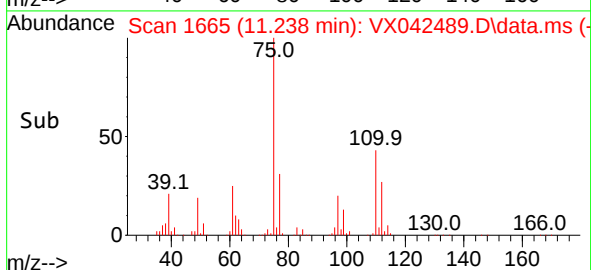
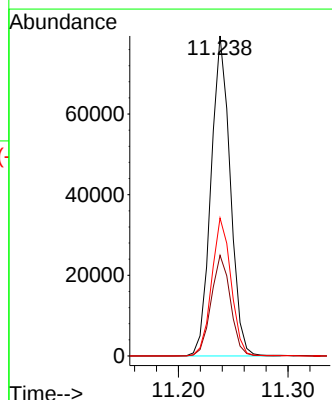
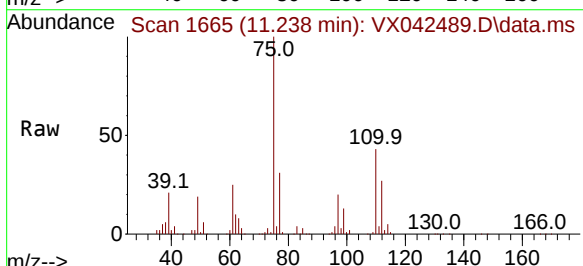
Tgt Ion: 75 Resp: 96882

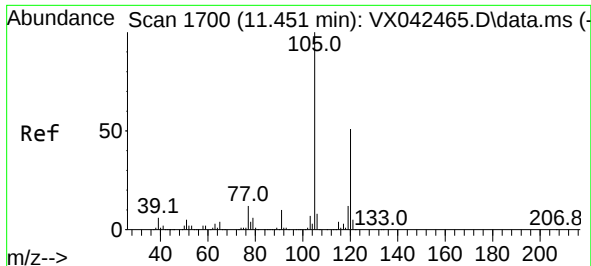
Ion Ratio Lower Upper

75 100

77 31.5 25.8 38.8

110 43.3 35.4 53.0

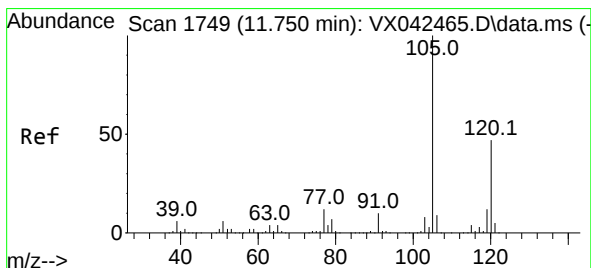
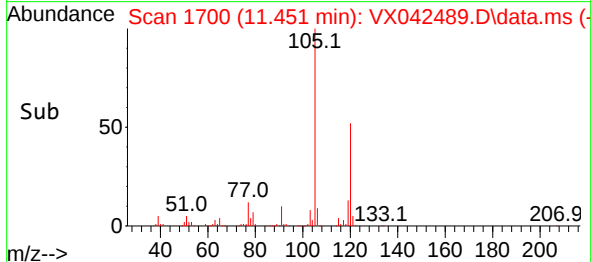
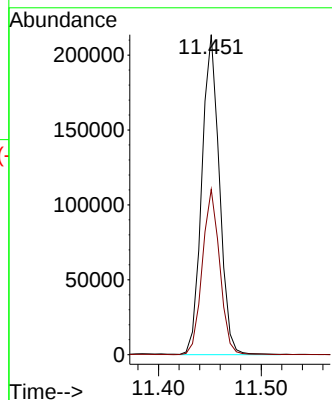
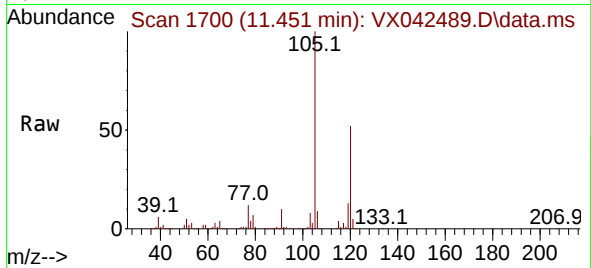




#62
1,3,5-Trimethylbenzene
Concen: 56.169 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX042489.D
Acq: 23 Jul 2024 21:55

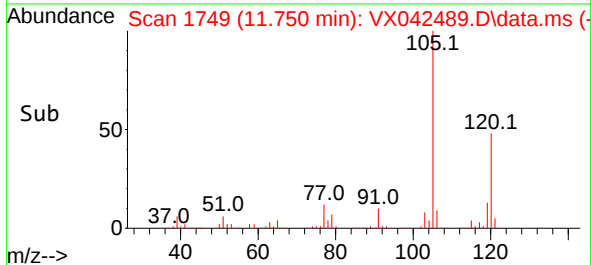
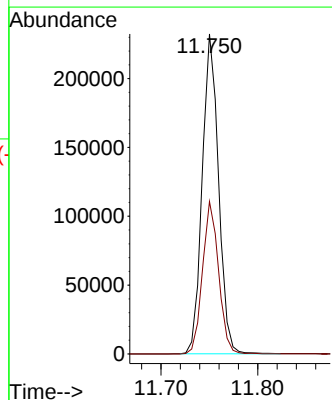
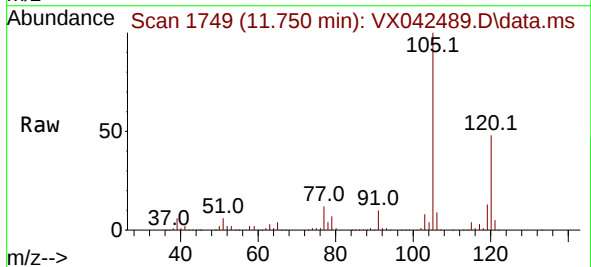
Instrument :
MSVOA_X
ClientSampleId :
E20F8MS

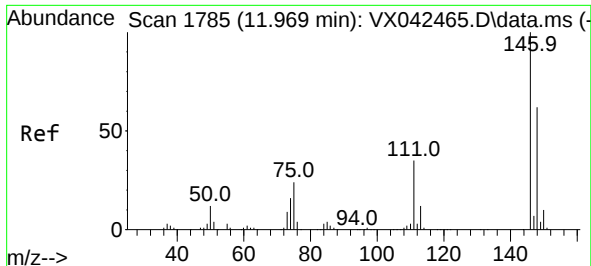
Tgt Ion:105 Resp: 254018
Ion Ratio Lower Upper
105 100
120 51.2 40.9 61.3



#63
1,2,4-Trimethylbenzene
Concen: 56.274 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX042489.D
Acq: 23 Jul 2024 21:55

Tgt Ion:105 Resp: 272743
Ion Ratio Lower Upper
105 100
120 46.9 38.4 57.6

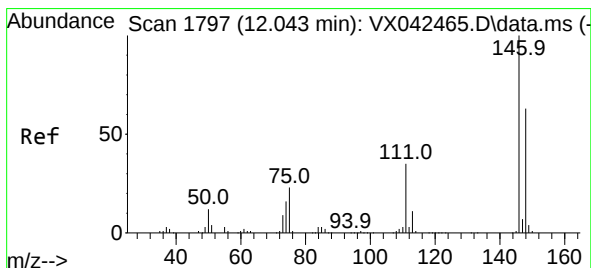
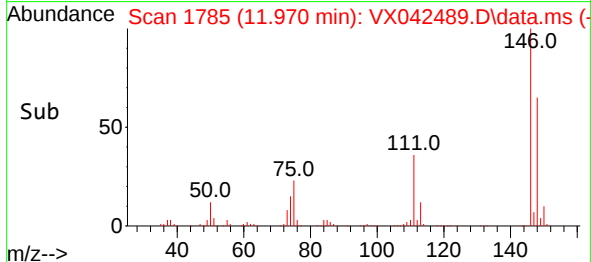
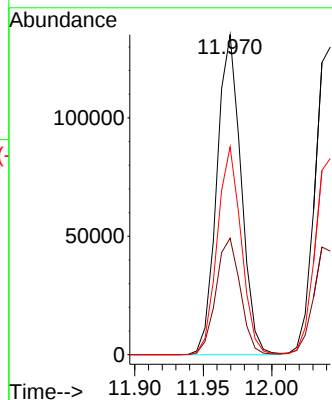
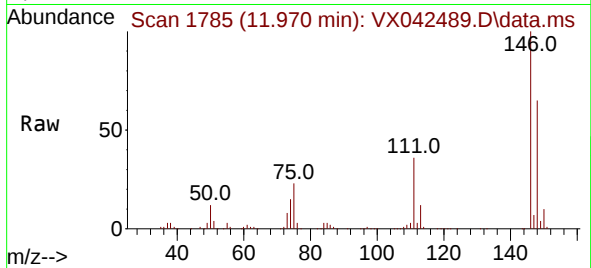




#64
1,3-Dichlorobenzene
Concen: 55.648 ug/L
RT: 11.970 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX042489.D
Acq: 23 Jul 2024 21:55

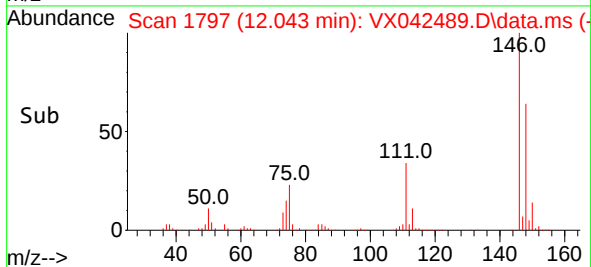
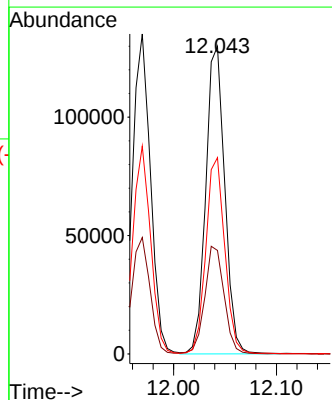
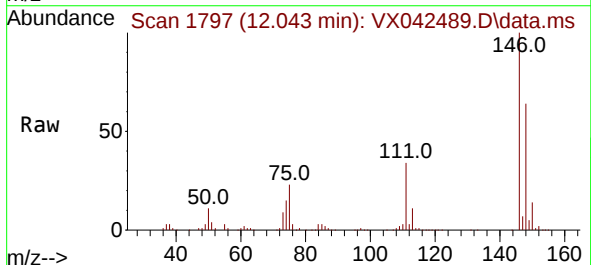
Instrument :
MSVOA_X
ClientSampleId :
E20F8MS

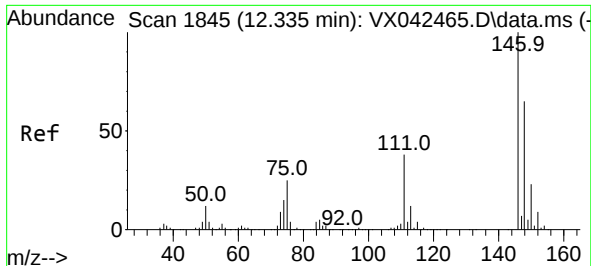
Tgt Ion:146 Resp: 165978
Ion Ratio Lower Upper
146 100
111 36.4 24.8 46.1
148 64.9 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 55.298 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX042489.D
Acq: 23 Jul 2024 21:55

Tgt Ion:146 Resp: 166839
Ion Ratio Lower Upper
146 100
111 33.7 23.9 44.3
148 63.8 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 55.838 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX042489.D

Acq: 23 Jul 2024 21:55

Instrument :

MSVOA_X

ClientSampleId :

E20F8MS

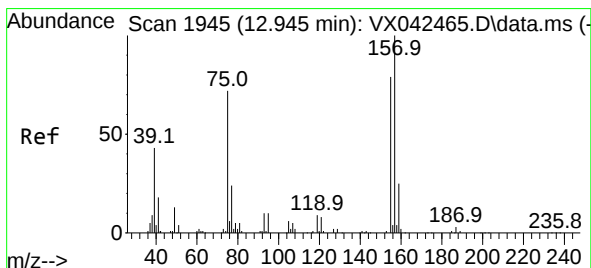
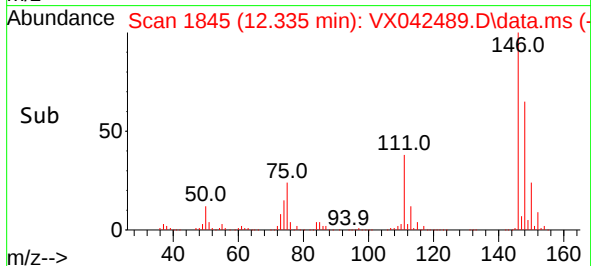
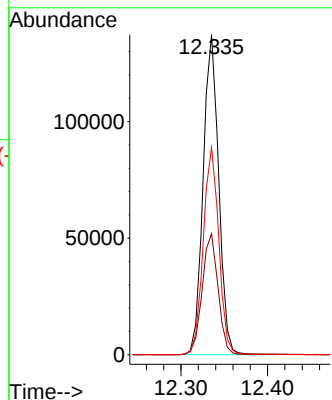
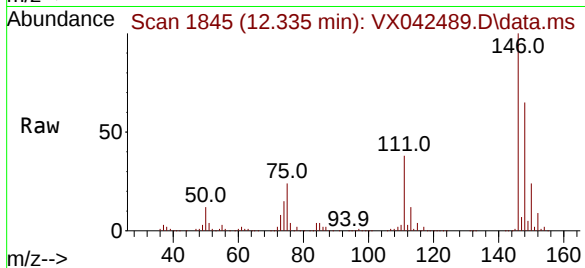
Tgt Ion:146 Resp: 171443

Ion Ratio Lower Upper

146 100

111 37.9 30.2 45.2

148 64.7 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 58.194 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX042489.D

Acq: 23 Jul 2024 21:55

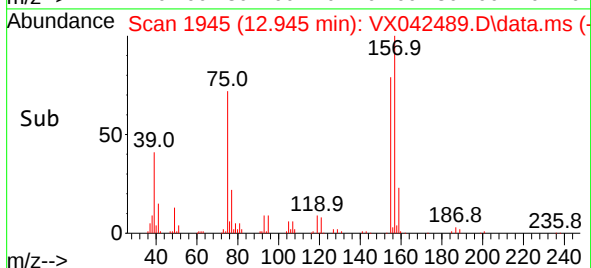
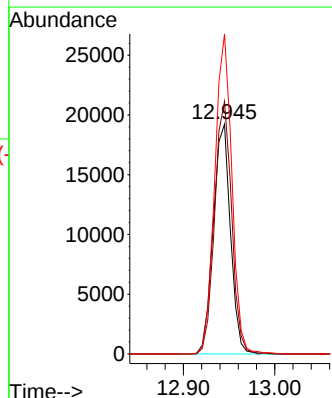
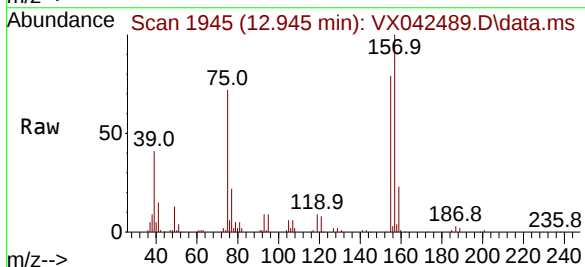
Tgt Ion: 75 Resp: 25128

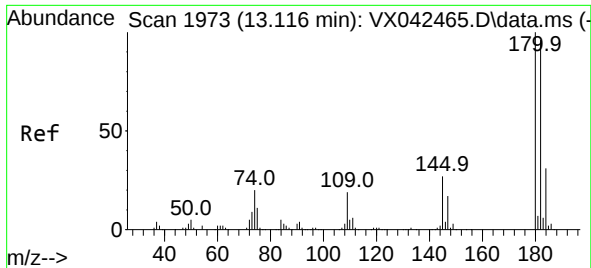
Ion Ratio Lower Upper

75 100

155 109.9 90.4 135.6

157 139.3 119.4 179.2

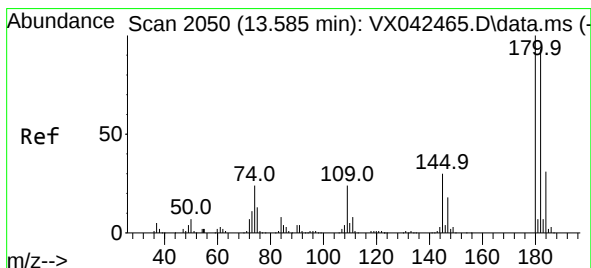
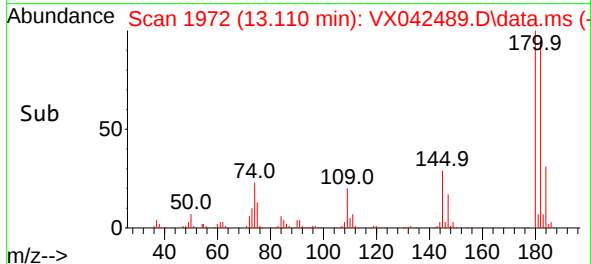
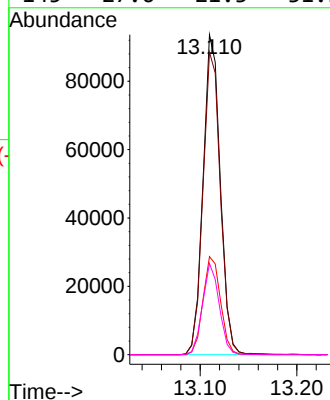
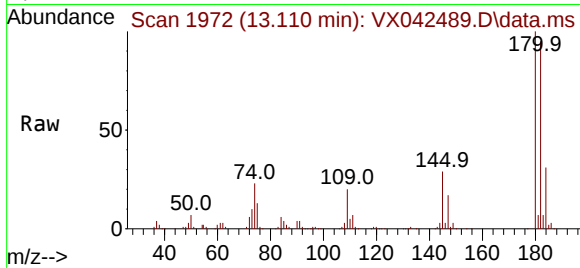




#69
 1,3,5-Trichlorobenzene
 Concen: 53.597 ug/L
 RT: 13.110 min Scan# 1973
 Delta R.T. -0.006 min
 Lab File: VX042489.D
 Acq: 23 Jul 2024 21:55

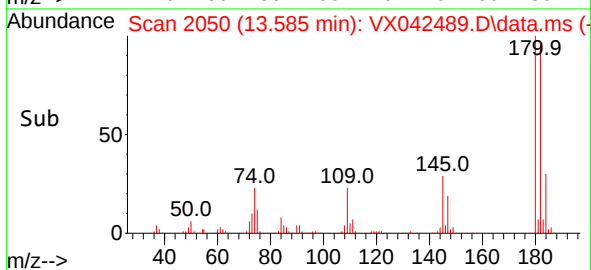
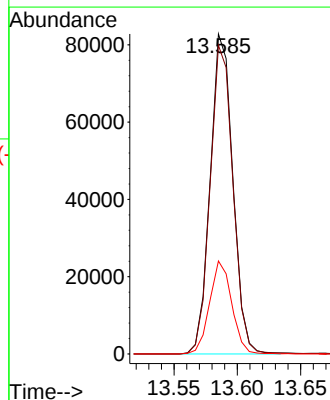
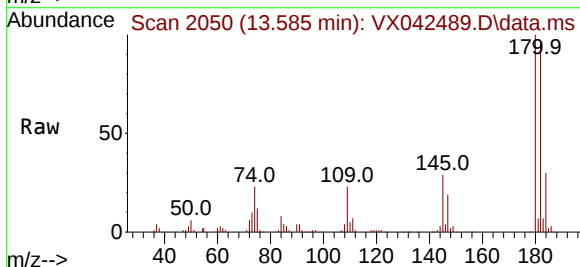
Instrument :
 MSVOA_X
 ClientSampleId :
 E20F8MS

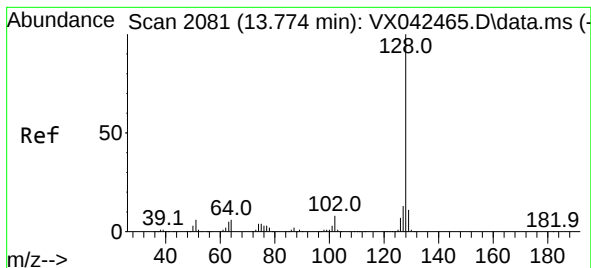
Tgt Ion:180 Resp: 116153
 Ion Ratio Lower Upper
 180 100
 182 95.6 77.0 115.6
 184 31.1 24.7 37.1
 145 27.6 21.3 31.9



#70
 1,2,4-trichlorobenzene
 Concen: 52.333 ug/L
 RT: 13.585 min Scan# 2050
 Delta R.T. 0.000 min
 Lab File: VX042489.D
 Acq: 23 Jul 2024 21:55

Tgt Ion:180 Resp: 103155
 Ion Ratio Lower Upper
 180 100
 182 97.1 77.8 116.6
 145 28.4 21.8 32.8





#71

Naphthalene

Concen: 56.342 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX042489.D

Acq: 23 Jul 2024 21:55

Instrument :

MSVOA_X

ClientSampleId :

E20F8MS

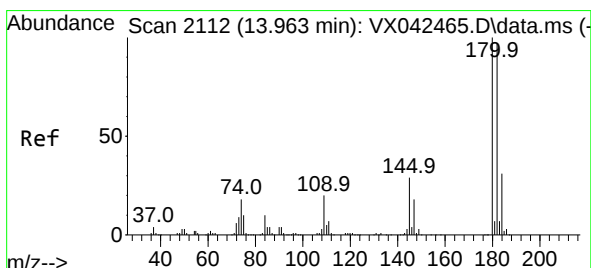
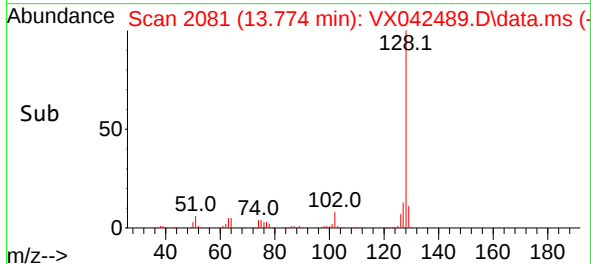
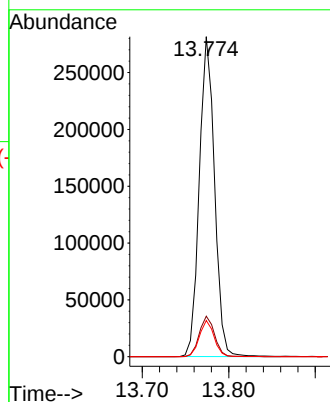
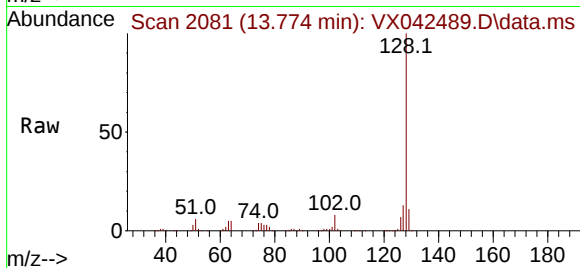
Tgt Ion:128 Resp: 343313

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 11.0 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 53.828 ug/L

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX042489.D

Acq: 23 Jul 2024 21:55

Tgt Ion:180 Resp: 112117

Ion Ratio Lower Upper

180 100

182 96.7 76.2 114.4

145 29.5 23.0 34.6

