

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061623\
 Data File : VX036180.D
 Acq On : 16 Jun 2023 13:14
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Jun 16 14:54:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 14:52:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	177053	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	308833	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	275279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64755	20.014	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	40.020%#
35) Dibromofluoromethane	5.391	113	42316	20.206	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	40.420%#
50) Toluene-d8	8.647	98	152895	19.959	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	39.920%#
62) 4-Bromofluorobenzene	11.079	95	59262	19.165	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	38.320%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	49222	22.649	ug/l	98
3) Chloromethane	1.294	50	45874	19.951	ug/l	98
4) Vinyl Chloride	1.374	62	45200	20.635	ug/l	99
5) Bromomethane	1.617	94	25067	18.616	ug/l	99
6) Chloroethane	1.691	64	28329	19.988	ug/l	100
7) Trichlorofluoromethane	1.892	101	77689	21.916	ug/l	99
8) Diethyl Ether	2.136	74	26172	19.836	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	44553	22.039	ug/l	96
10) Methyl Iodide	2.453	142	42523	20.400	ug/l	100
11) Tert butyl alcohol	2.983	59	43950	88.822	ug/l #	88
12) 1,1-Dichloroethene	2.319	96	39297	20.557	ug/l	96
13) Acrolein	2.239	56	50349	91.658	ug/l	99
14) Allyl chloride	2.666	41	76888	19.878	ug/l	96
15) Acrylonitrile	3.068	53	125504	99.184	ug/l	99
16) Acetone	2.386	43	125573	98.835	ug/l	98
17) Carbon Disulfide	2.514	76	94556	20.011	ug/l	98
18) Methyl Acetate	2.703	43	100808	19.773	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	145381	19.427	ug/l	98
20) Methylene Chloride	2.794	84	46671	19.163	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	43707	20.578	ug/l	96
22) Diisopropyl ether	3.763	45	156727	20.362	ug/l	87
23) Vinyl Acetate	3.721	43	551571	101.108	ug/l	99
24) 1,1-Dichloroethane	3.611	63	86560	20.354	ug/l	99
25) 2-Butanone	4.556	43	182192	96.823	ug/l	98
26) 2,2-Dichloropropane	4.477	77	65763	19.886	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	49739	20.479	ug/l	98
28) Bromochloromethane	4.897	49	45713	20.620	ug/l	95
29) Tetrahydrofuran	5.007	42	117574	98.377	ug/l	97
30) Chloroform	5.099	83	90759	20.264	ug/l	98
31) Cyclohexane	5.476	56	73951	21.305	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	77869	20.507	ug/l	97
36) 1,1-Dichloropropene	5.696	75	64738	20.985	ug/l	99
37) Ethyl Acetate	4.714	43	70544	19.627	ug/l	100
38) Carbon Tetrachloride	5.678	117	64683	21.569	ug/l	96
39) Methylcyclohexane	7.379	83	73906	22.244	ug/l	97
40) Benzene	6.037	78	179690	20.713	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	39945	20.158	ug/l	98
42) 1,2-Dichloroethane	6.086	62	81583	20.875	ug/l	99
43) Isopropyl Acetate	6.342	43	109924	19.984	ug/l	99
44) Trichloroethene	7.129	130	44735	20.636	ug/l	92
45) 1,2-Dichloropropane	7.427	63	47488	20.590	ug/l	98
46) Dibromomethane	7.580	93	33423	20.342	ug/l	97
47) Bromodichloromethane	7.824	83	64341	20.398	ug/l	99
48) Methyl methacrylate	7.690	41	57093	20.231	ug/l	96
49) 1,4-Dioxane	7.683	88	19174	405.806	ug/l #	98
51) 4-Methyl-2-Pentanone	8.573	43	363038	104.527	ug/l	96
52) Toluene	8.720	92	111497	20.528	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	63059	18.521	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	70991	19.247	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	44858	20.006	ug/l	95
56) Ethyl methacrylate	9.116	69	67141	18.918	ug/l	90
57) 1,3-Dichloropropane	9.305	76	79160	19.845	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	179477	96.135	ug/l	98
59) 2-Hexanone	9.433	43	270121	104.613	ug/l	95
60) Dibromochloromethane	9.518	129	42638	19.482	ug/l	99
61) 1,2-Dibromoethane	9.610	107	46773	20.006	ug/l	100
64) Tetrachloroethene	9.275	164	36096	21.075	ug/l	96
65) Chlorobenzene	10.079	112	115784	20.298	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	41075	20.866	ug/l	98
67) Ethyl Benzene	10.195	91	213869	20.993	ug/l	97
68) m/p-Xylenes	10.299	106	164035	42.678	ug/l	96
69) o-Xylene	10.640	106	78809	20.782	ug/l	96
70) Styrene	10.652	104	131131	20.753	ug/l	97
71) Bromoform	10.799	173	25870	18.595	ug/l #	99
73) Isopropylbenzene	10.963	105	209830	20.898	ug/l	100
74) N-amyl acetate	10.841	43	94378	20.801	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	69575	20.237	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	77405	23.020	ug/l	89
77) Bromobenzene	11.195	156	45666	19.412	ug/l	90
78) n-propylbenzene	11.305	91	252429	21.371	ug/l	99
79) 2-Chlorotoluene	11.366	91	156156	21.019	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	183315	21.441	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	16174	19.333	ug/l #	81
82) 4-Chlorotoluene	11.451	91	180593	20.863	ug/l	98
83) tert-Butylbenzene	11.713	119	172185	21.184	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	182927	21.450	ug/l	99
85) sec-Butylbenzene	11.890	105	222592	21.994	ug/l	100
86) p-Isopropyltoluene	12.006	119	186715	21.928	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	91907	20.486	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	92754	20.493	ug/l	97
89) n-Butylbenzene	12.329	91	166627	21.927	ug/l	97
90) Hexachloroethane	12.536	117	27338	19.211	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	89293	20.280	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	16296	21.490	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	53225	21.325	ug/l	98
94) Hexachlorobutadiene	13.725	225	21400	21.689	ug/l	98
95) Naphthalene	13.774	128	184202	21.396	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	53258	21.279	ug/l	99

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VSTDICC020

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QLast Update : Fri Jun 16 14:52:15 2023
Response via : Initial Calibration

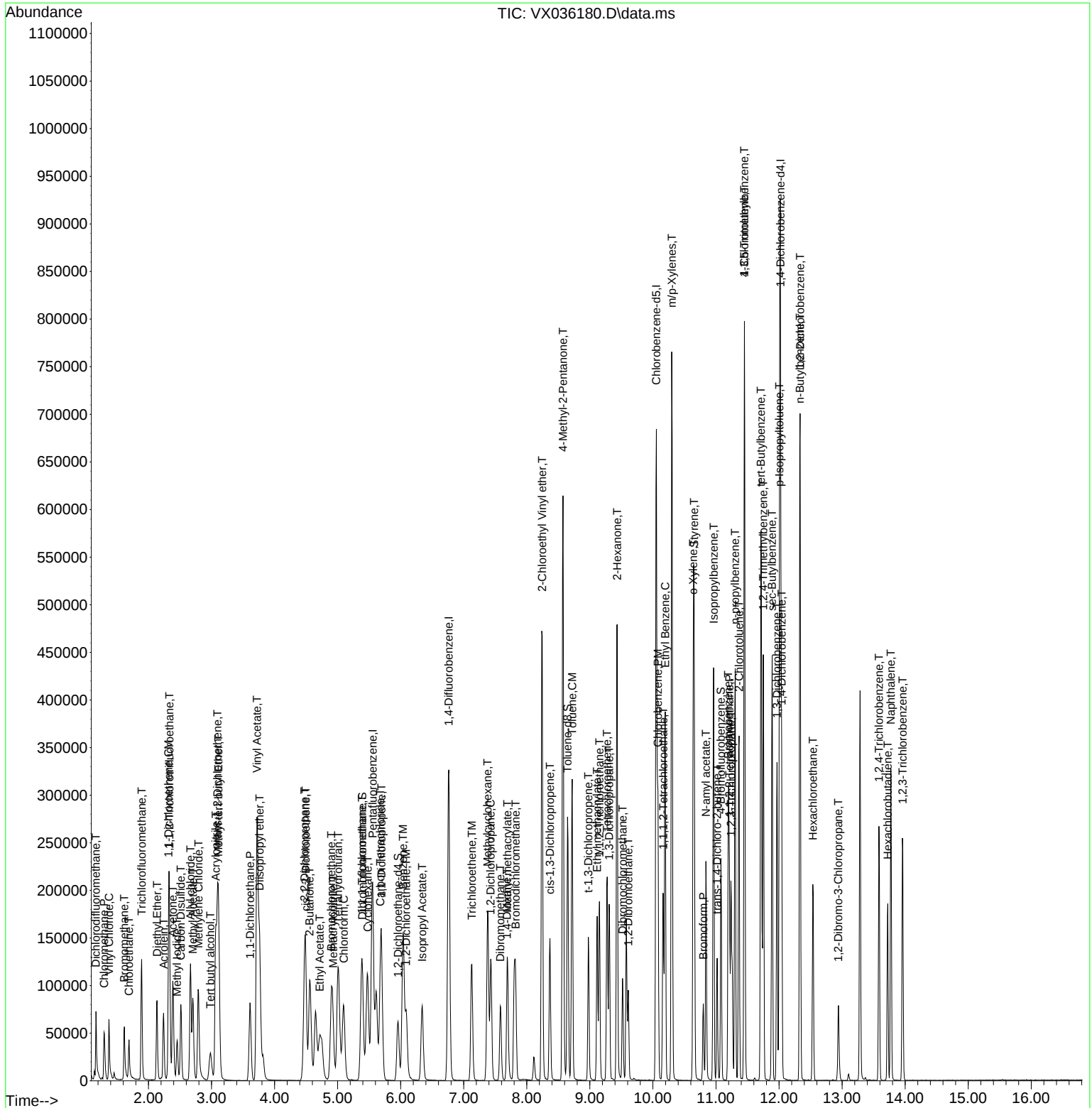
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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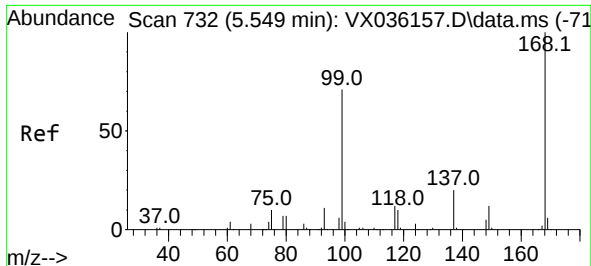
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator  : JC/MD
Sample    : VSTDIC020
Misc      : 5.0mL/MSVOA_X/WATER
ALS Vial  : 5      Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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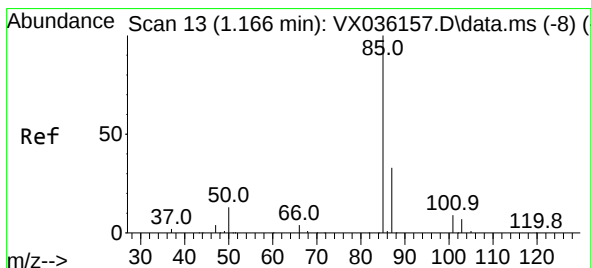
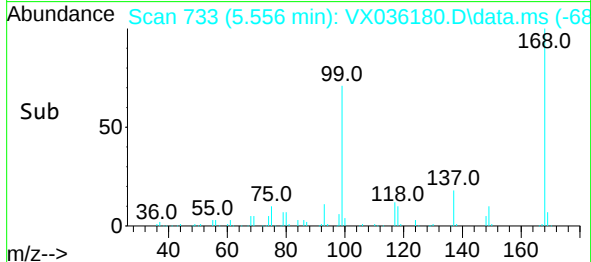
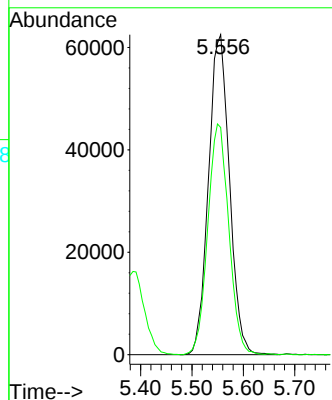
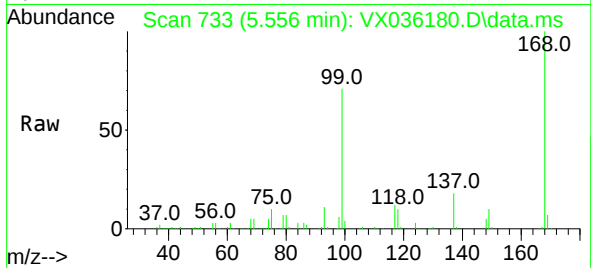




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036180.D
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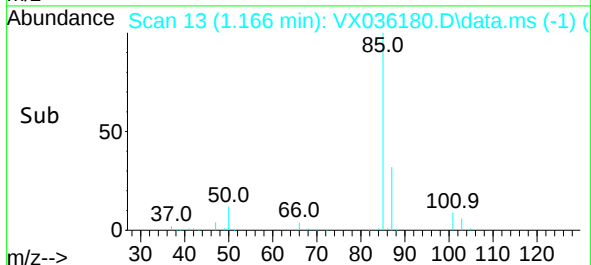
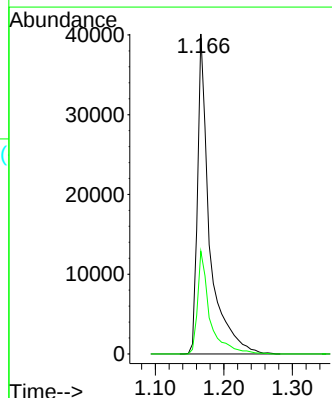
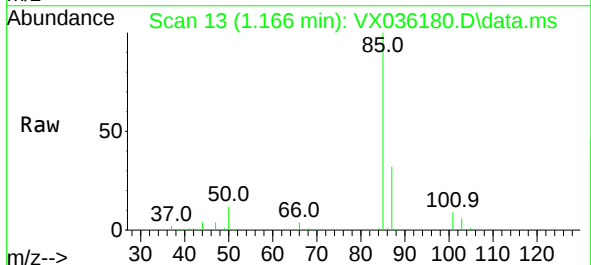
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

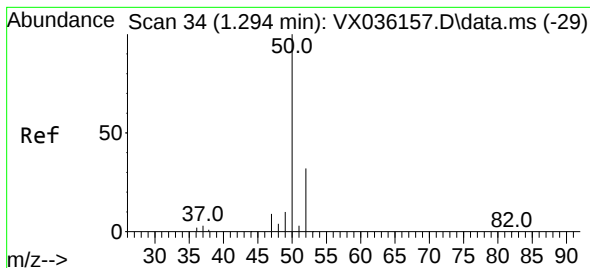
Tgt Ion:168 Resp: 177053
Ion Ratio Lower Upper
168 100
99 71.0 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 22.649 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Tgt Ion: 85 Resp: 49222
Ion Ratio Lower Upper
85 100
87 32.1 16.7 50.1





#3

Chloromethane

Concen: 19.951 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

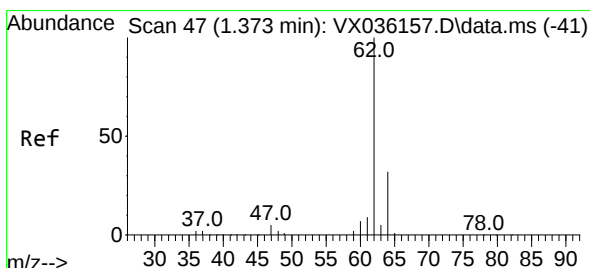
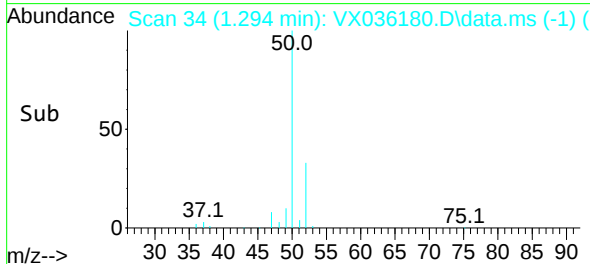
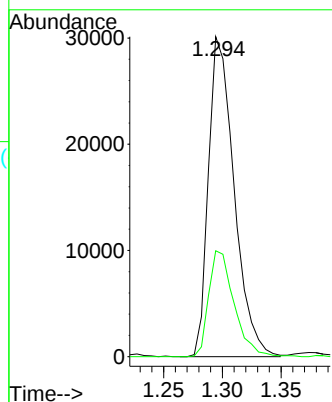
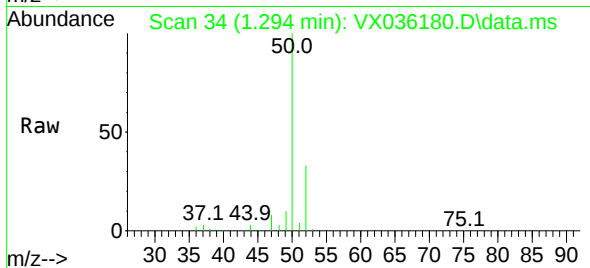
VSTDIC020

Tgt Ion: 50 Resp: 45874

Ion Ratio Lower Upper

50 100

52 33.1 25.5 38.3



#4

Vinyl Chloride

Concen: 20.635 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.001 min

Lab File: VX036180.D

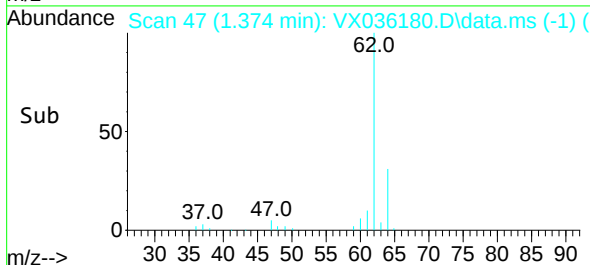
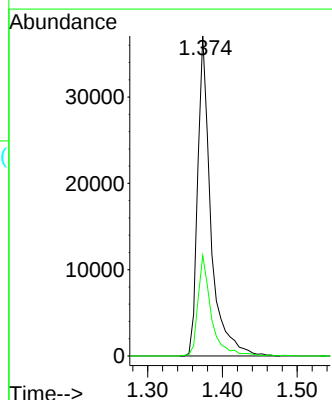
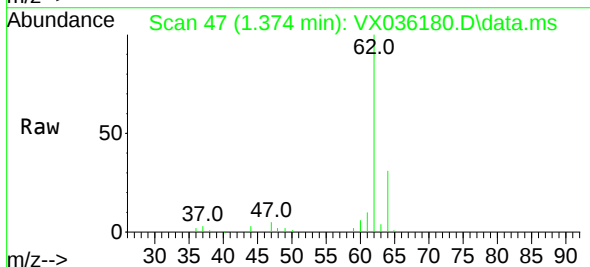
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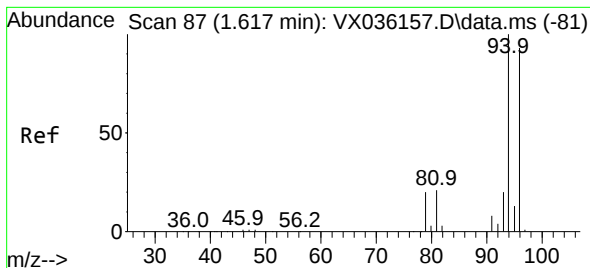
Tgt Ion: 62 Resp: 45200

Ion Ratio Lower Upper

62 100

64 31.4 25.4 38.0





#5

Bromomethane

Concen: 18.616 ug/l

RT: 1.617 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

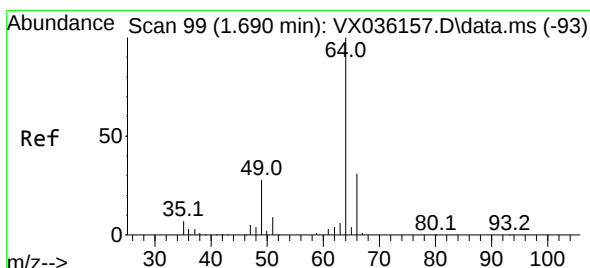
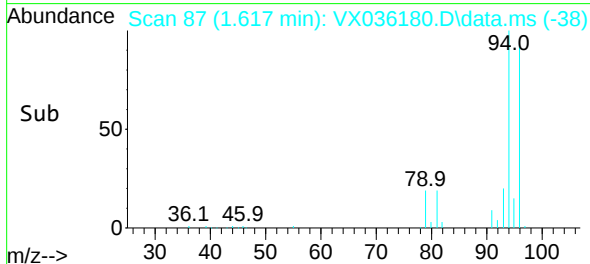
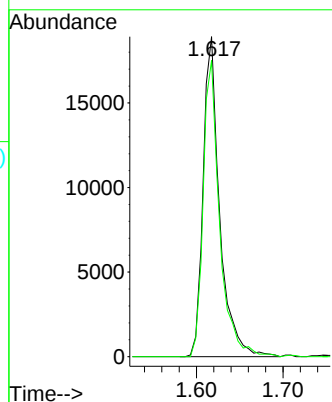
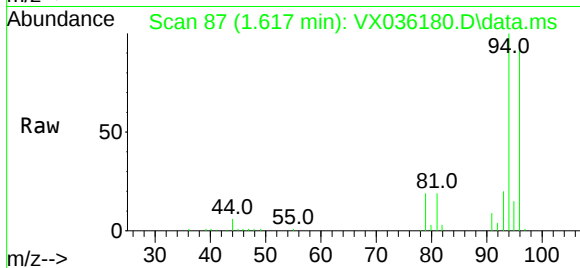
VSTDIC020

Tgt Ion: 94 Resp: 25067

Ion Ratio Lower Upper

94 100

96 92.6 74.6 111.8



#6

Chloroethane

Concen: 19.988 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.001 min

Lab File: VX036180.D

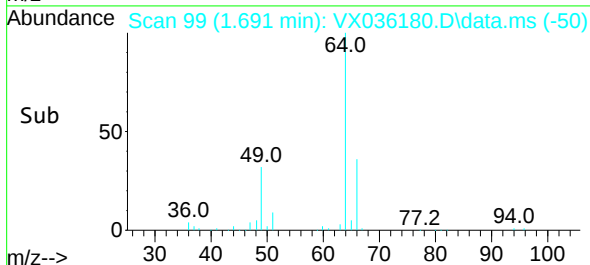
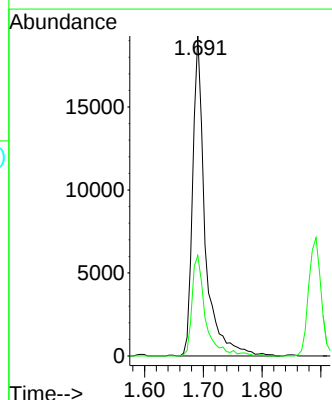
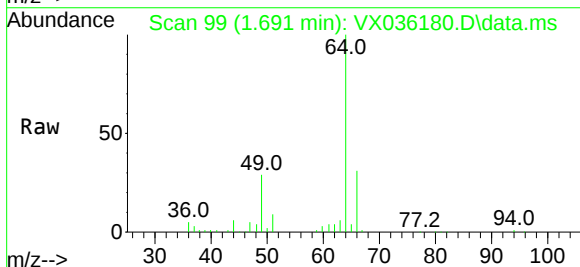
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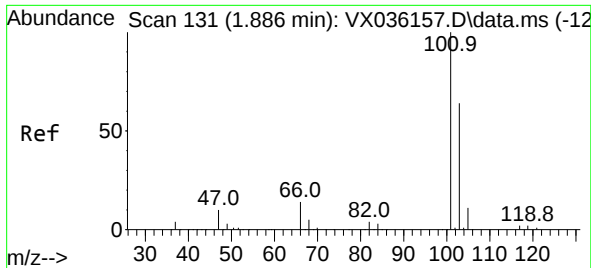
Tgt Ion: 64 Resp: 28329

Ion Ratio Lower Upper

64 100

66 31.4 25.1 37.7

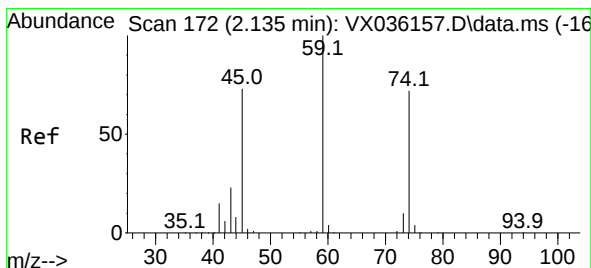
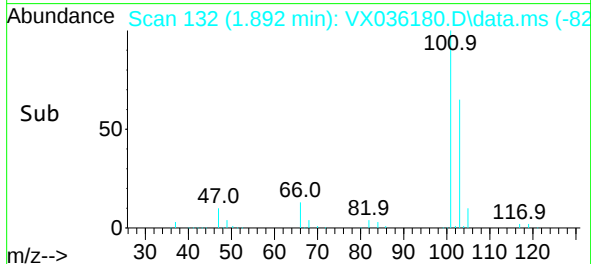
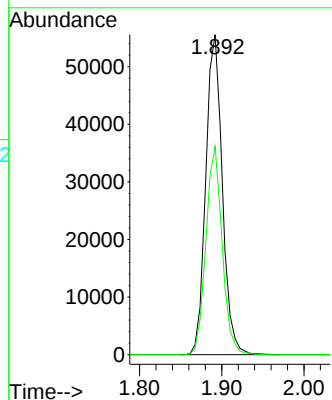
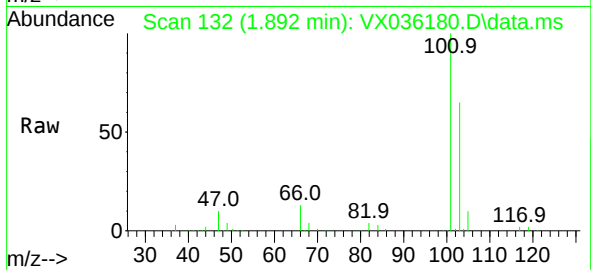




#7
Trichlorofluoromethane
Concen: 21.916 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

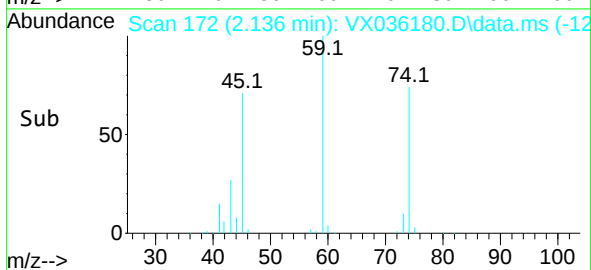
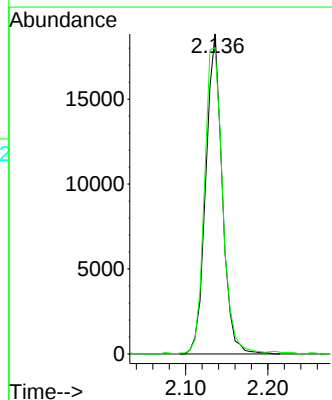
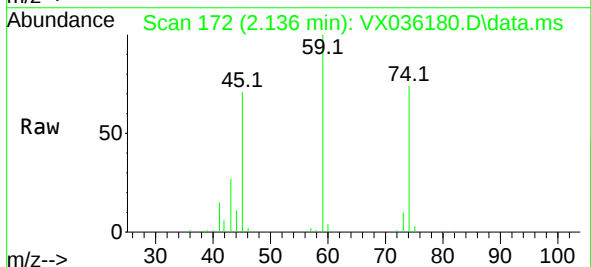
Instrument :
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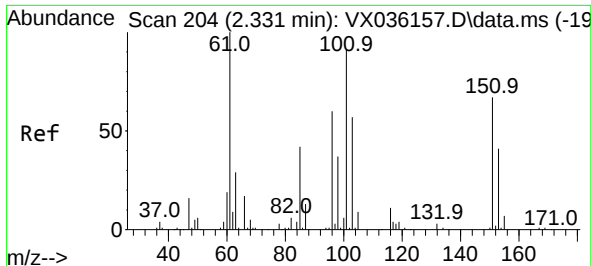
Tgt Ion:101 Resp: 77689
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.2



#8
Diethyl Ether
Concen: 19.836 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.001 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Tgt Ion: 74 Resp: 26172
Ion Ratio Lower Upper
74 100
45 106.0 53.3 159.8

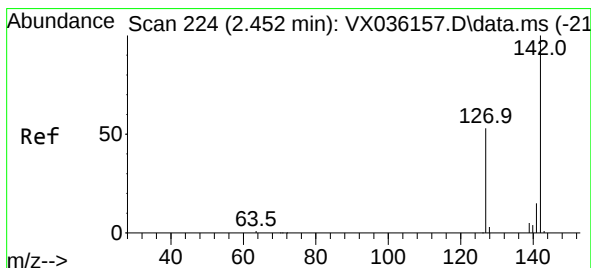
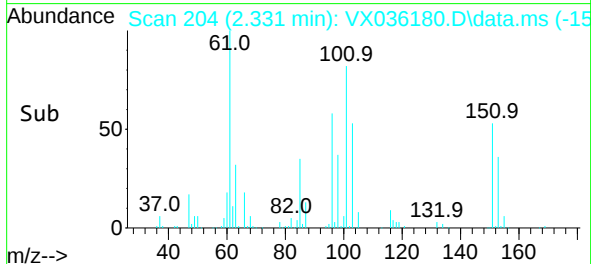
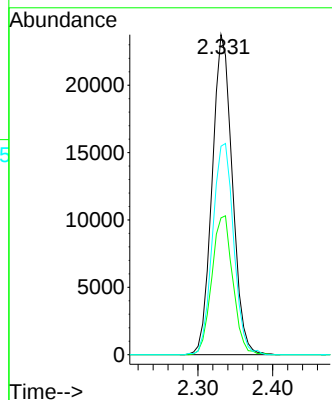
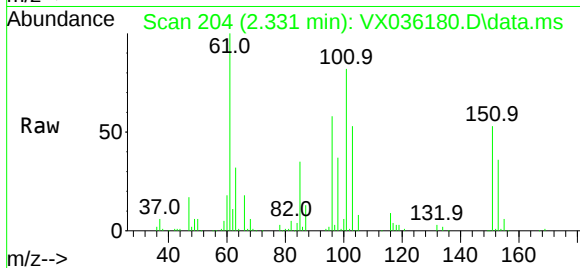




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.039 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

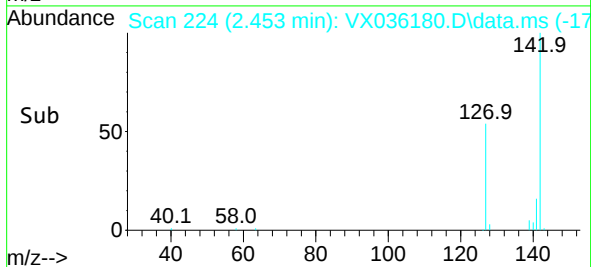
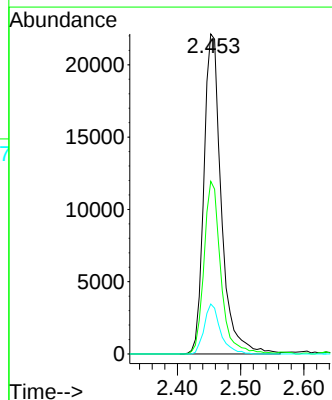
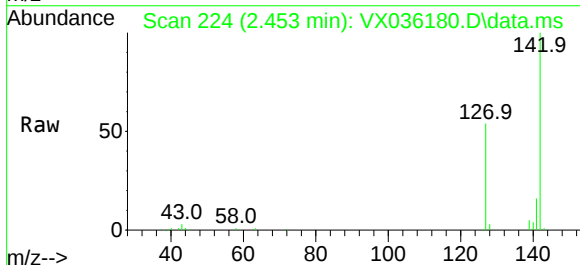
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

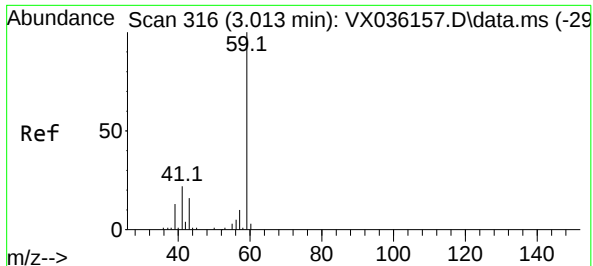
Tgt Ion:101 Resp: 44553
Ion Ratio Lower Upper
101 100
85 45.2 37.0 55.6
151 69.0 58.6 87.8



#10
Methyl Iodide
Concen: 20.400 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Tgt Ion:142 Resp: 42523
Ion Ratio Lower Upper
142 100
127 52.0 41.6 62.4
141 14.6 11.6 17.4





#11

Tert butyl alcohol

Concen: 88.822 ug/l

RT: 2.983 min Scan# 316

Delta R.T. -0.030 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

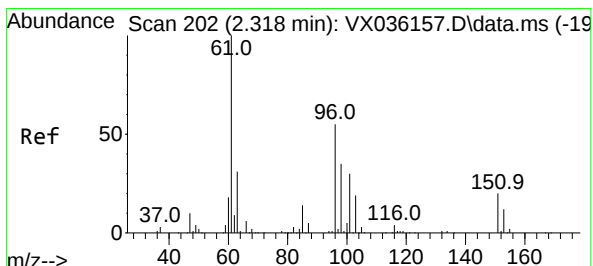
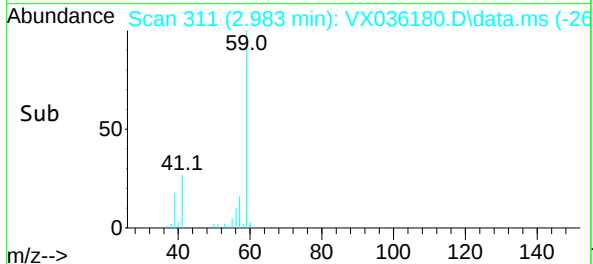
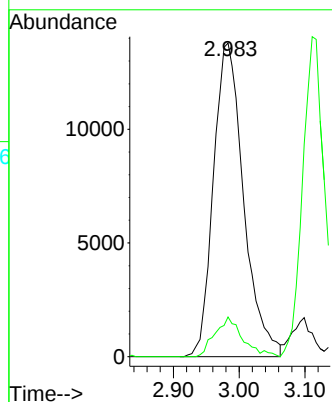
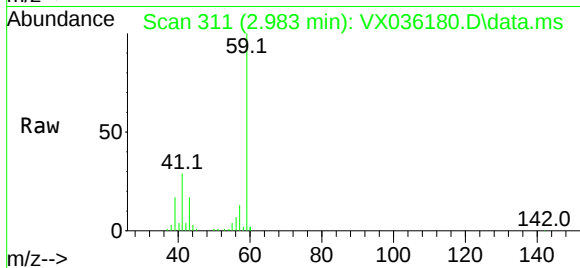
VSTDIC020

Tgt Ion: 59 Resp: 43950

Ion Ratio Lower Upper

59 100

57 11.6 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 20.557 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.001 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

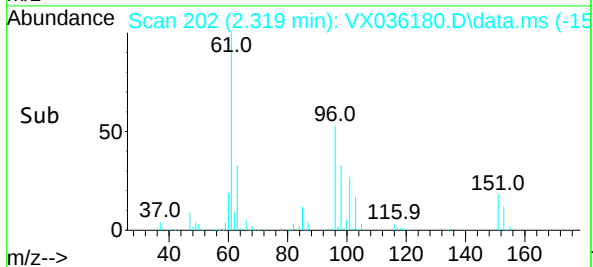
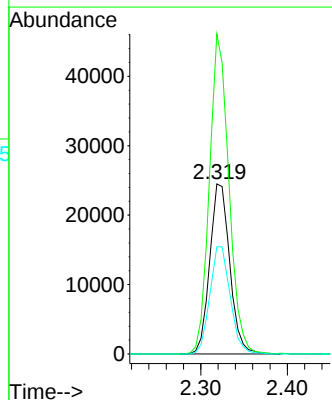
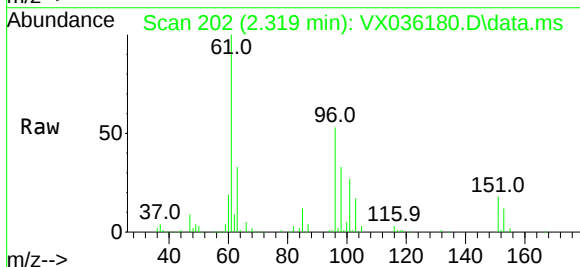
Tgt Ion: 96 Resp: 39297

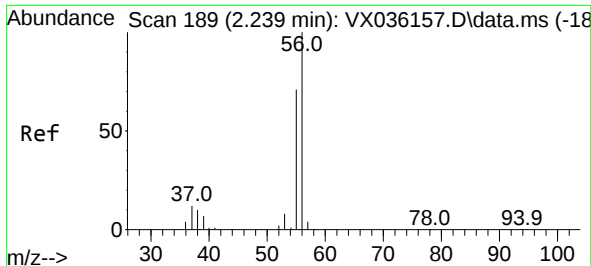
Ion Ratio Lower Upper

96 100

61 188.2 144.6 216.8

98 63.0 50.4 75.6

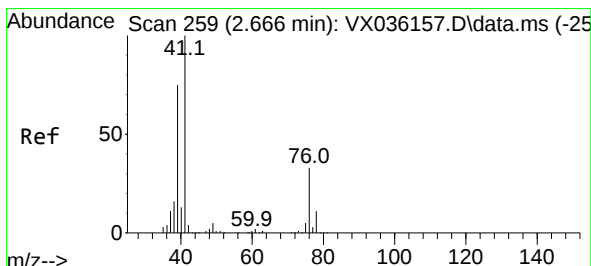
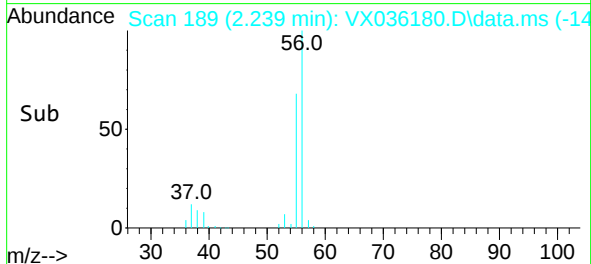
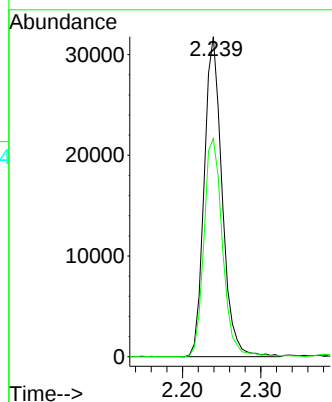
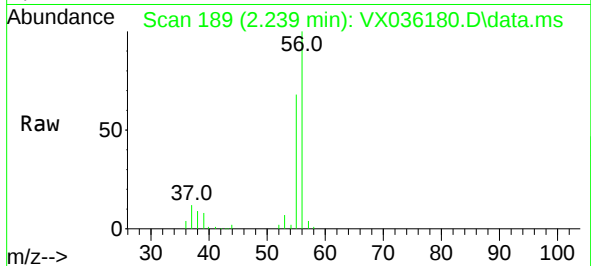




#13
Acrolein
Concen: 91.658 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

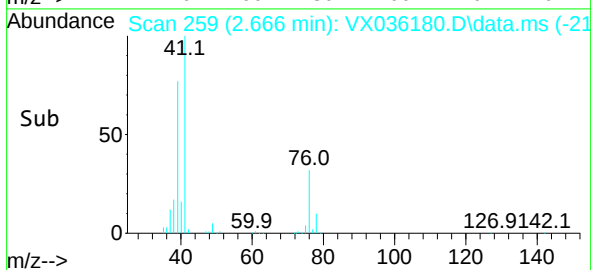
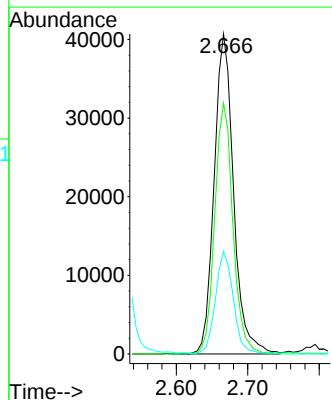
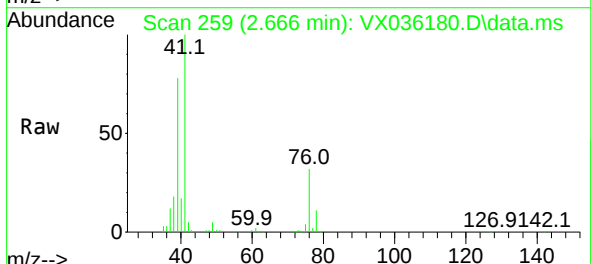
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

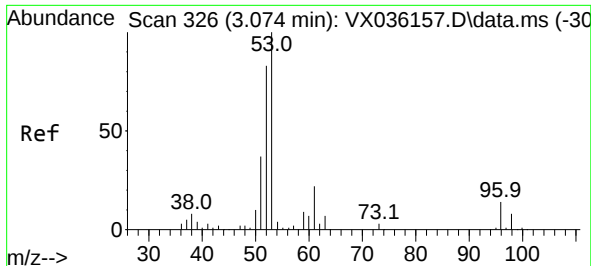
Tgt Ion: 56 Resp: 50349
Ion Ratio Lower Upper
56 100
55 70.8 57.1 85.7



#14
Allyl chloride
Concen: 19.878 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Tgt Ion: 41 Resp: 76888
Ion Ratio Lower Upper
41 100
39 73.3 55.8 83.6
76 29.5 24.3 36.5

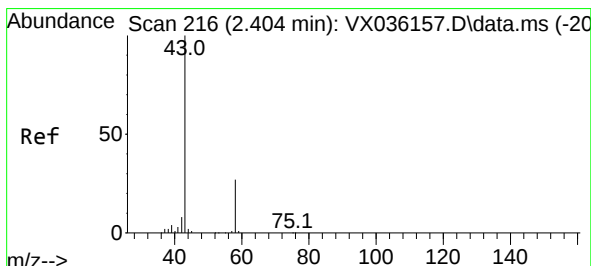
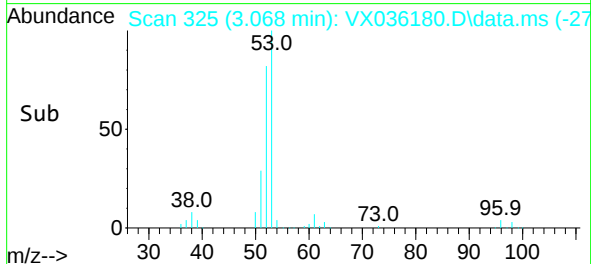
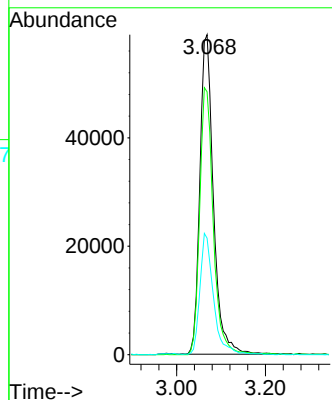
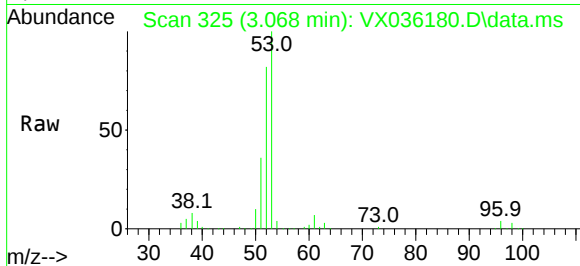




#15
Acrylonitrile
Concen: 99.184 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

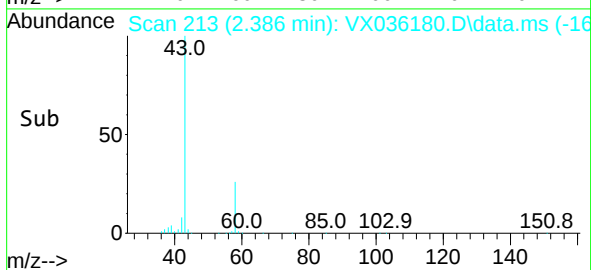
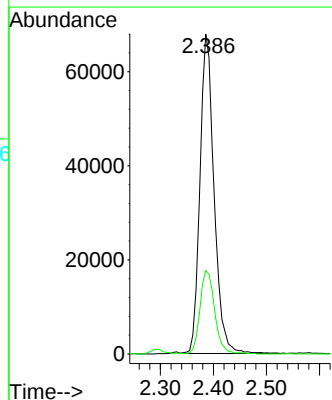
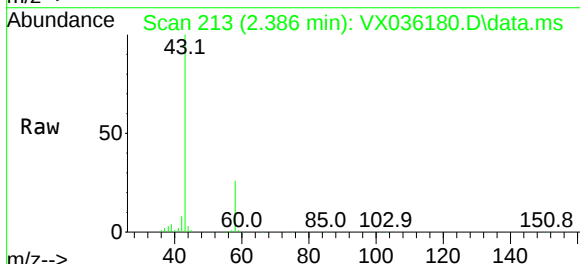
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

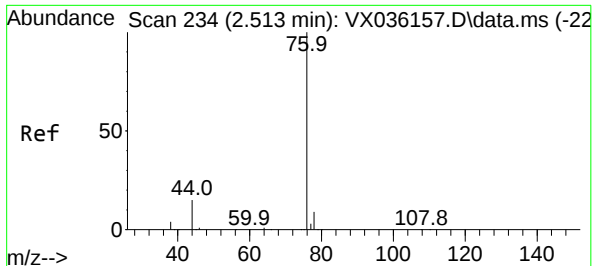
Tgt Ion: 53 Resp: 125504
Ion Ratio Lower Upper
53 100
52 83.5 66.0 99.0
51 38.1 29.8 44.6



#16
Acetone
Concen: 98.835 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.018 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Tgt Ion: 43 Resp: 125573
Ion Ratio Lower Upper
43 100
58 26.1 21.9 32.9

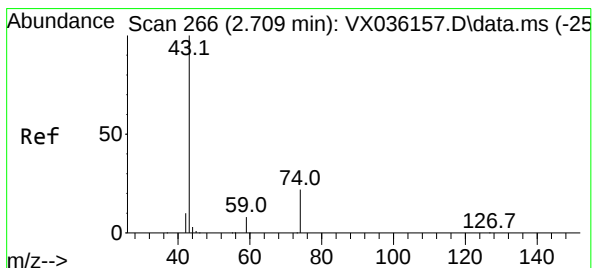
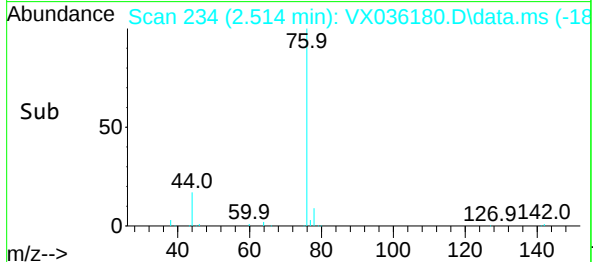
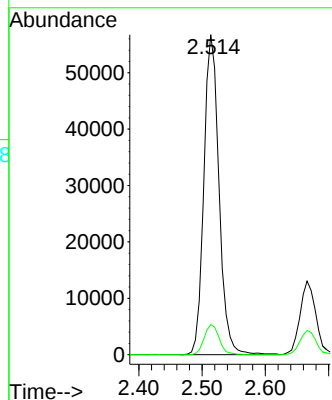
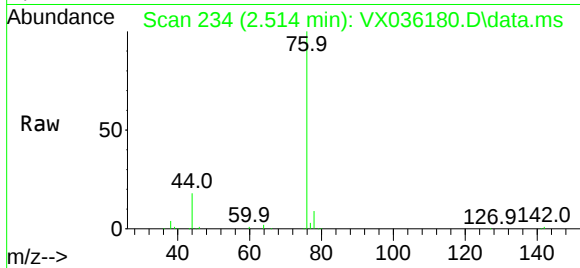




#17
Carbon Disulfide
Concen: 20.011 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

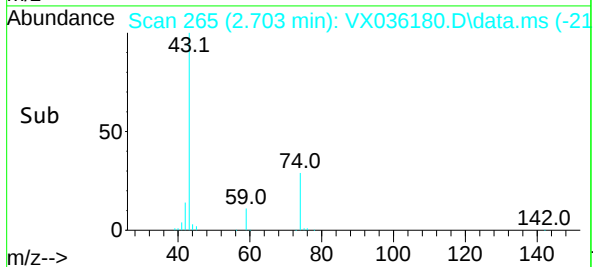
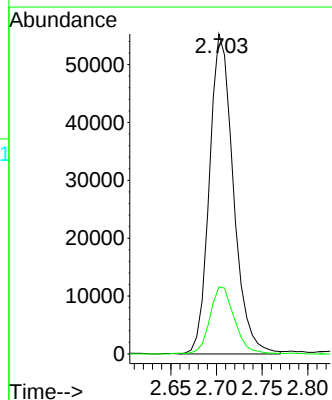
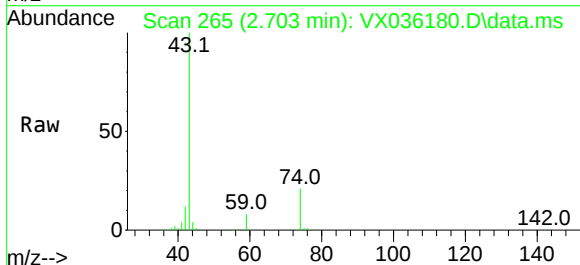
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

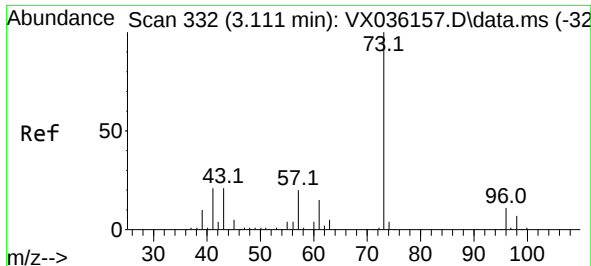
Tgt Ion: 76 Resp: 94556
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6



#18
Methyl Acetate
Concen: 19.773 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Tgt Ion: 43 Resp: 100808
Ion Ratio Lower Upper
43 100
74 21.6 17.8 26.8





#19

Methyl tert-butyl Ether

Concen: 19.427 ug/l

RT: 3.111 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

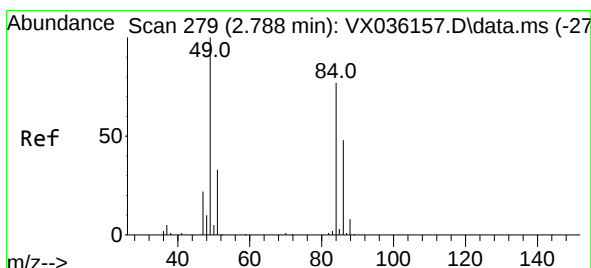
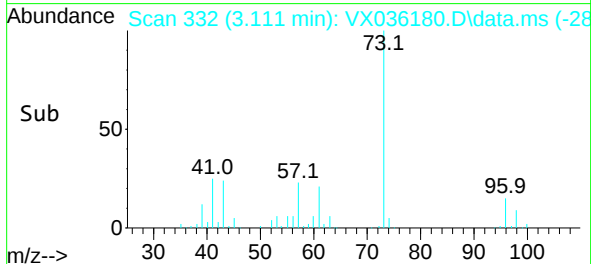
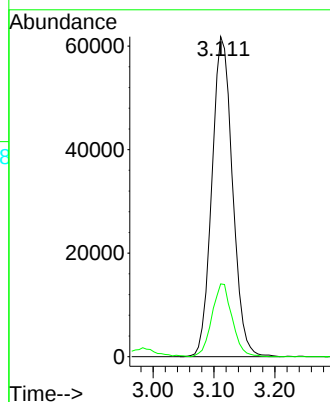
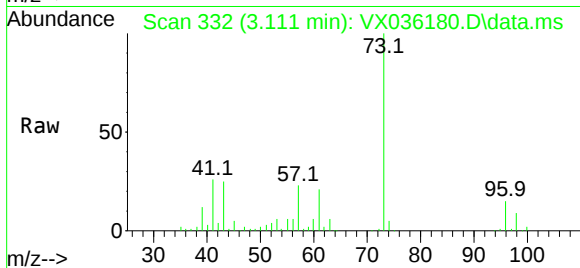
VSTDICC020

Tgt Ion: 73 Resp: 145381

Ion Ratio Lower Upper

73 100

57 22.8 17.3 25.9



#20

Methylene Chloride

Concen: 19.163 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Tgt Ion: 84 Resp: 46671

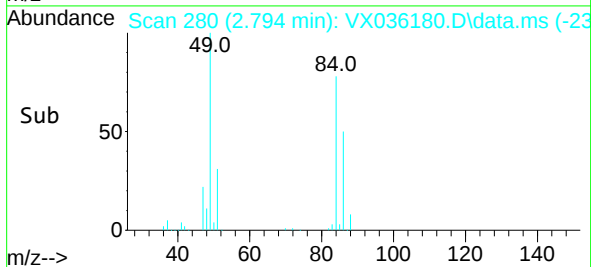
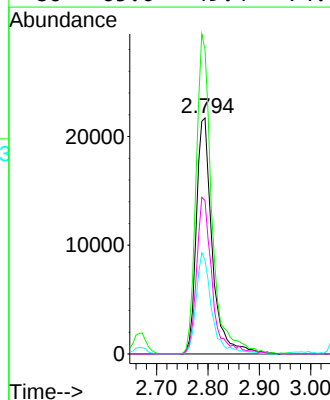
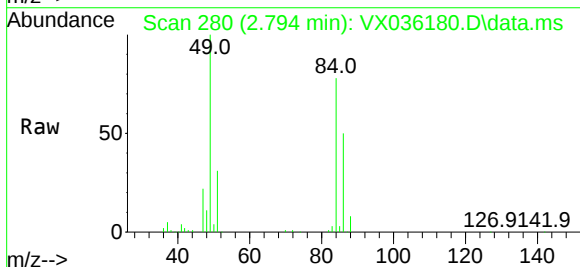
Ion Ratio Lower Upper

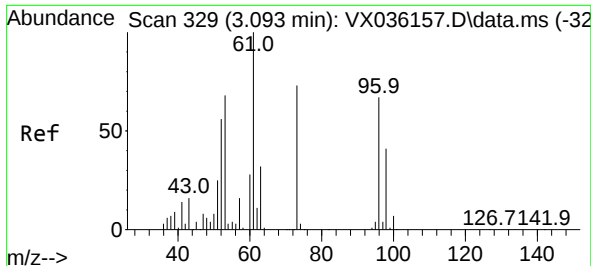
84 100

49 128.9 103.6 155.4

51 39.7 33.8 50.6

86 65.0 49.4 74.0

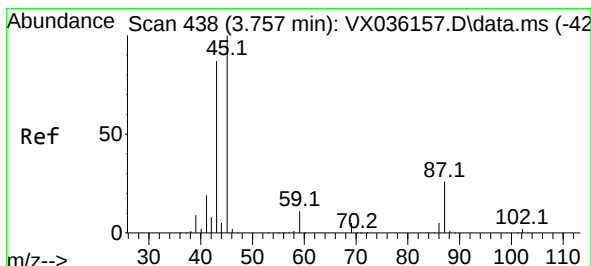
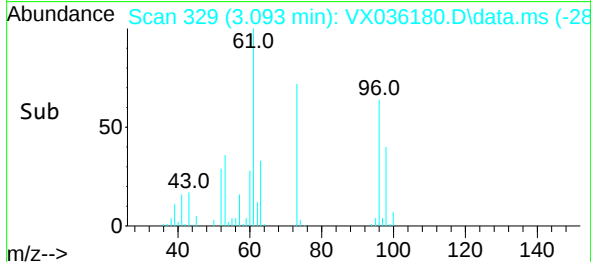
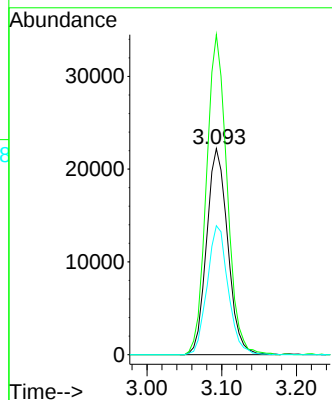
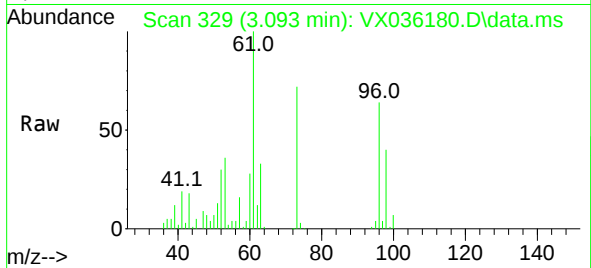




#21
trans-1,2-Dichloroethene
Concen: 20.578 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

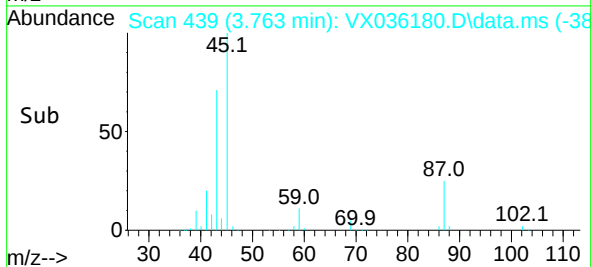
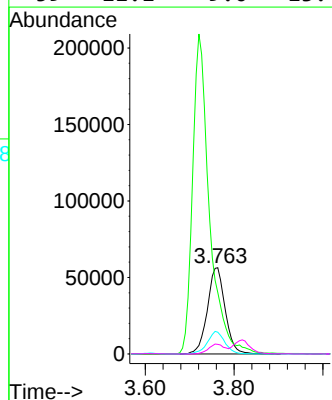
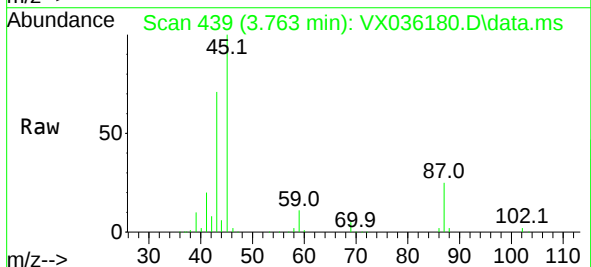
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

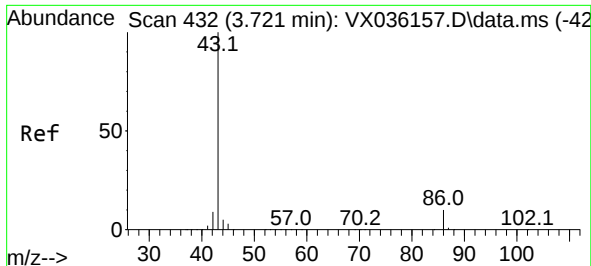
Tgt Ion: 96 Resp: 43707
Ion Ratio Lower Upper
96 100
61 155.3 119.2 178.8
98 62.6 48.7 73.1



#22
Diisopropyl ether
Concen: 20.362 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Tgt Ion: 45 Resp: 156727
Ion Ratio Lower Upper
45 100
43 70.4 69.7 104.5
87 25.1 20.8 31.2
59 11.1 9.0 13.4

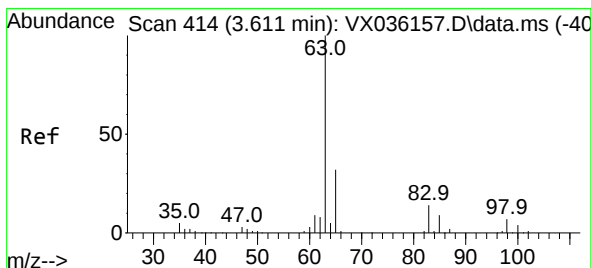
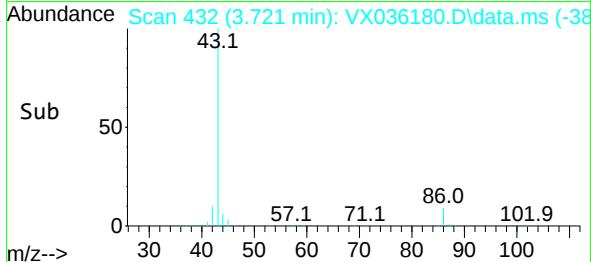
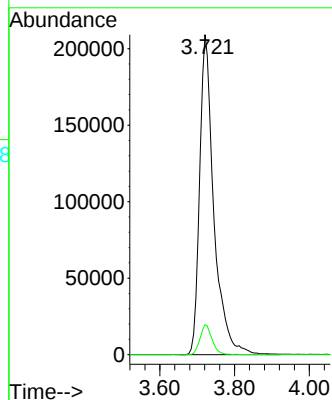
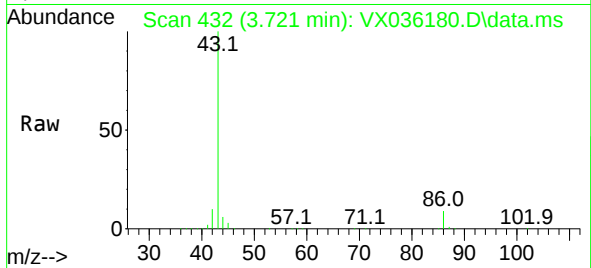




#23
 Vinyl Acetate
 Concen: 101.108 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX036180.D
 Acq: 16 Jun 2023 13:14

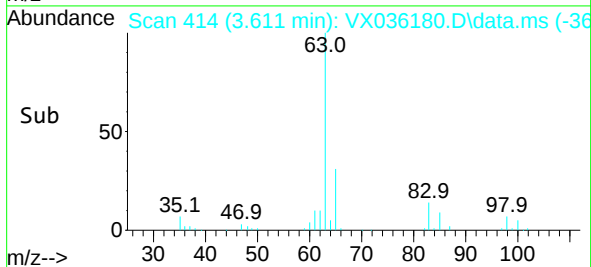
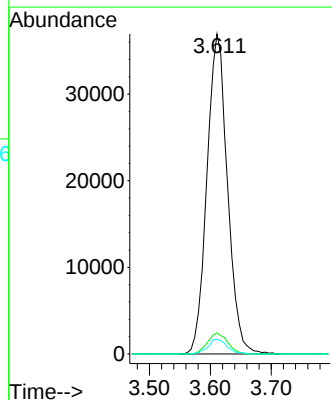
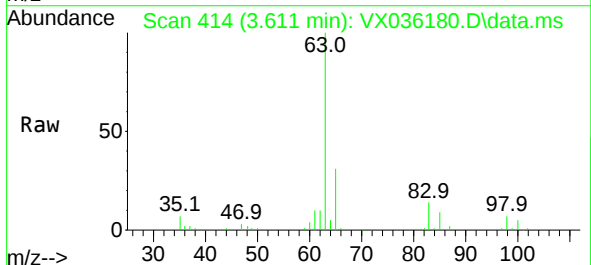
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

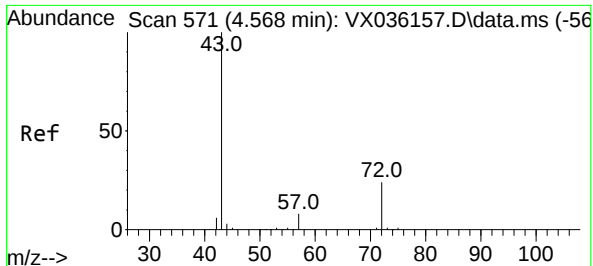
Tgt Ion: 43 Resp: 551571
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 20.354 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX036180.D
 Acq: 16 Jun 2023 13:14

Tgt Ion: 63 Resp: 86560
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.8
 100 4.6 2.1 6.5





#25

2-Butanone

Concen: 96.823 ug/l

RT: 4.556 min Scan# 5

Delta R.T. -0.012 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

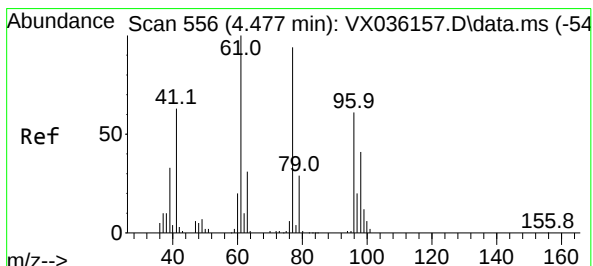
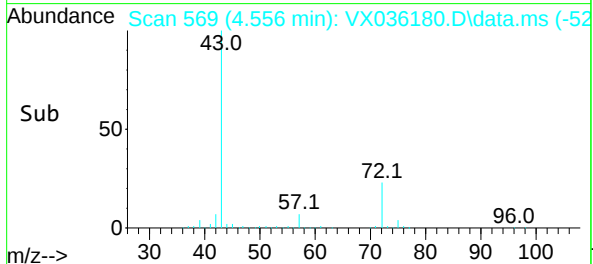
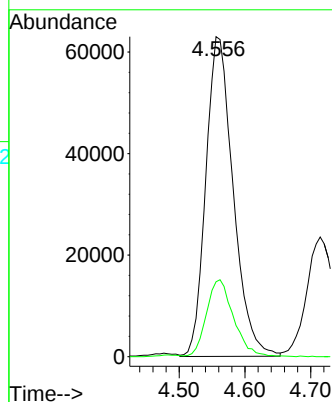
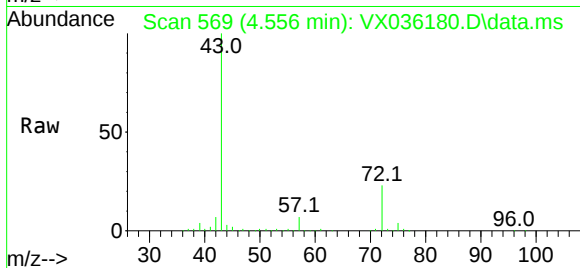
VSTDICC020

Tgt Ion: 43 Resp: 182192

Ion Ratio Lower Upper

43 100

72 23.3 19.4 29.2



#26

2,2-Dichloropropane

Concen: 19.886 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX036180.D

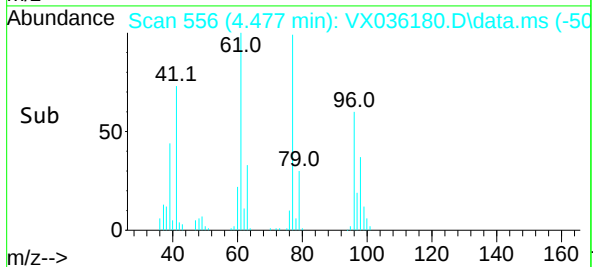
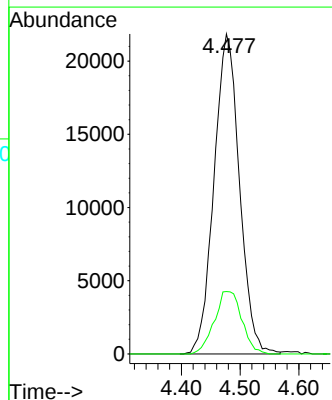
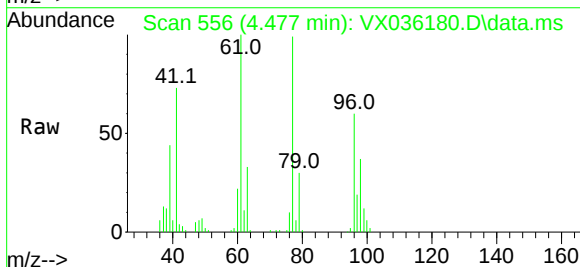
Acq: 16 Jun 2023 13:14

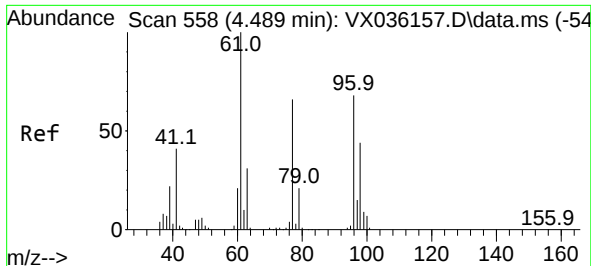
Tgt Ion: 77 Resp: 65763

Ion Ratio Lower Upper

77 100

97 21.0 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 20.479 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

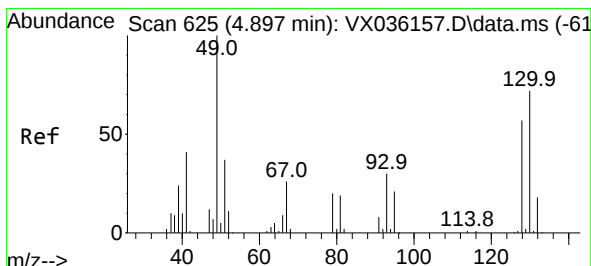
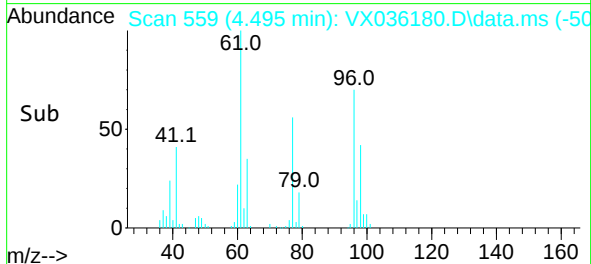
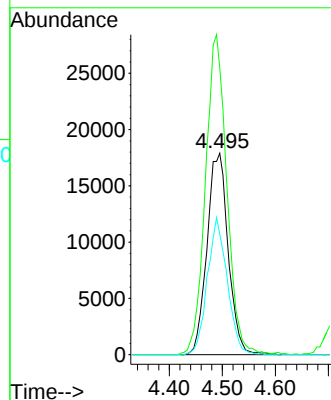
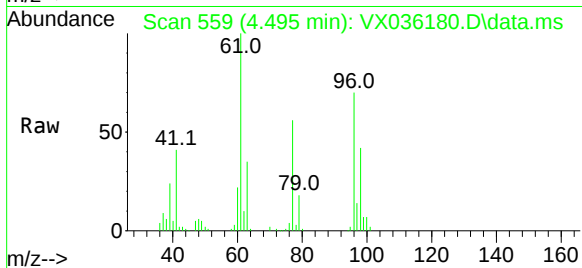
Tgt Ion: 96 Resp: 49739

Ion Ratio Lower Upper

96 100

61 159.7 0.0 312.2

98 63.7 0.0 129.0



#28

Bromochloromethane

Concen: 20.620 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

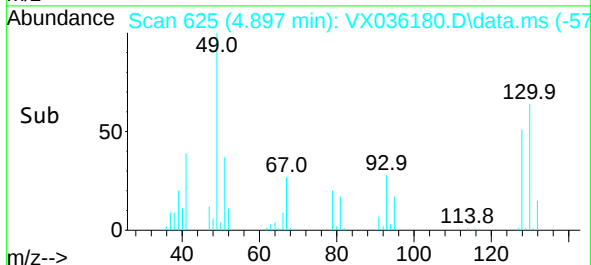
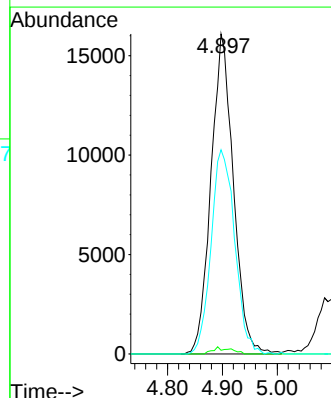
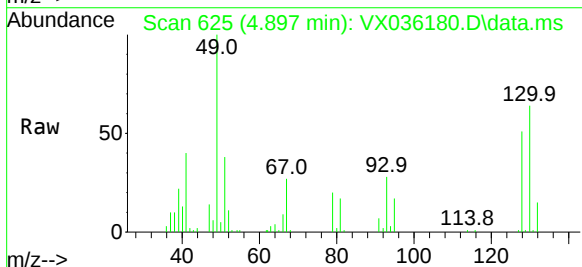
Tgt Ion: 49 Resp: 45713

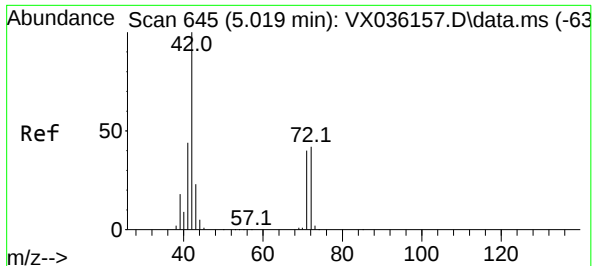
Ion Ratio Lower Upper

49 100

129 1.0 0.0 3.8

130 67.4 57.5 86.3





#29

Tetrahydrofuran

Concen: 98.377 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.012 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

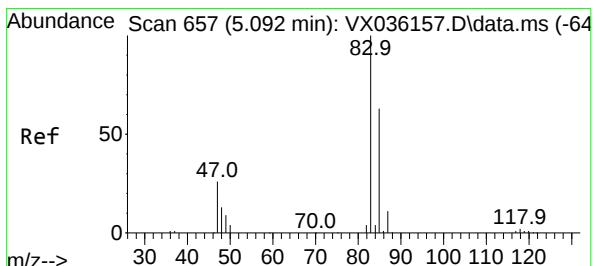
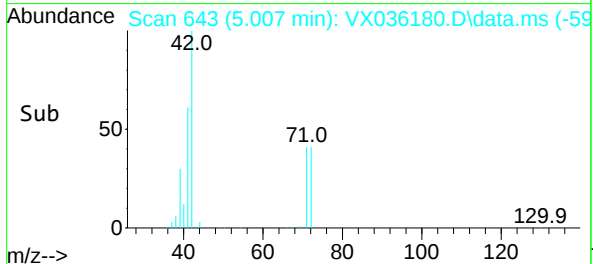
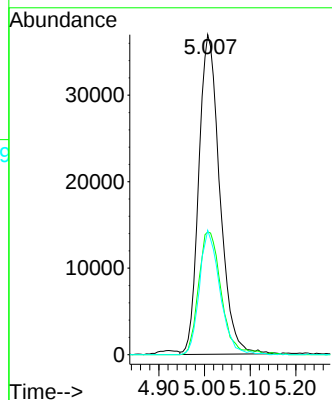
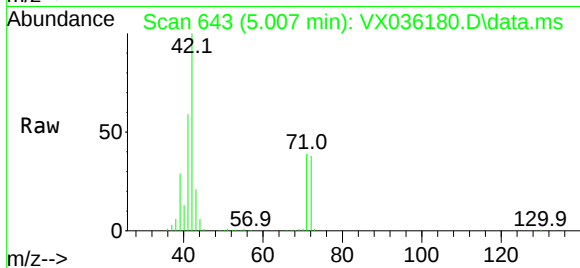
Tgt Ion: 42 Resp: 117574

Ion Ratio Lower Upper

42 100

72 41.5 34.2 51.4

71 38.0 32.2 48.2



#30

Chloroform

Concen: 20.264 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.007 min

Lab File: VX036180.D

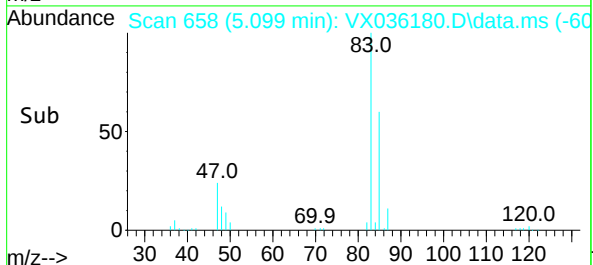
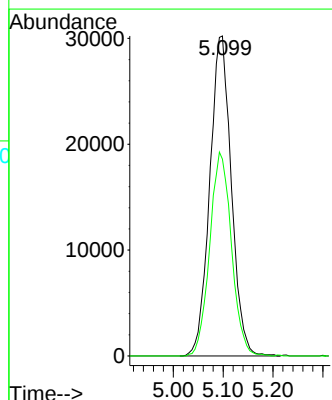
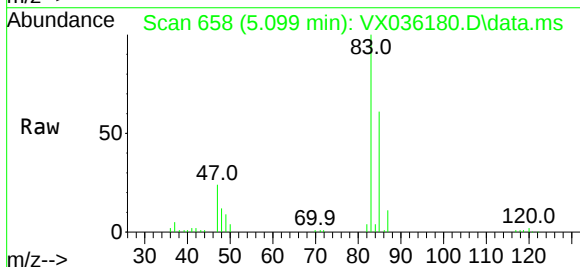
Acq: 16 Jun 2023 13:14

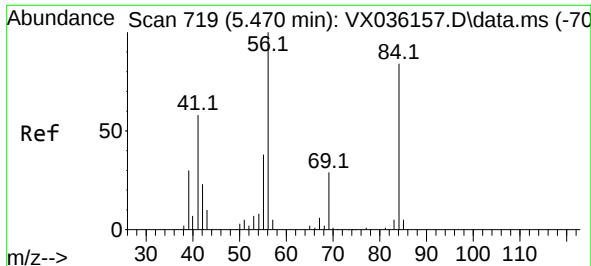
Tgt Ion: 83 Resp: 90759

Ion Ratio Lower Upper

83 100

85 61.5 50.3 75.5

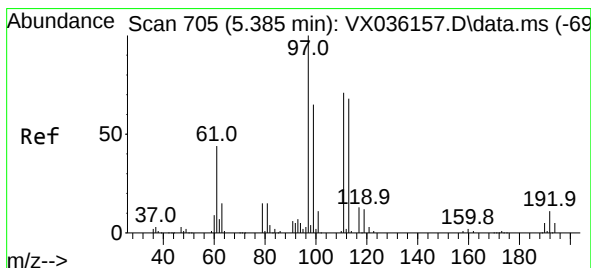
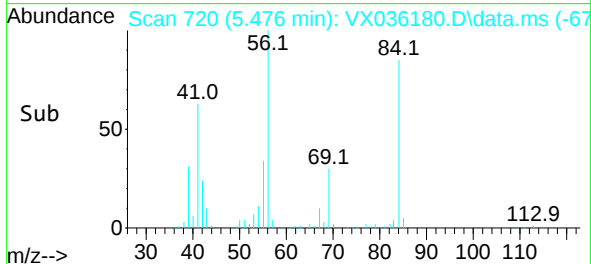
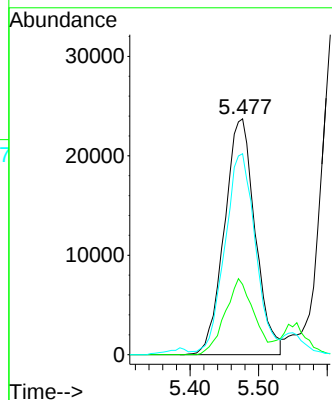
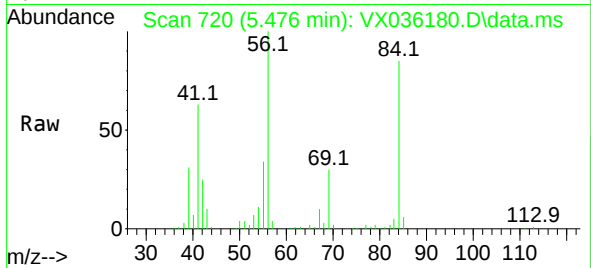




#31
Cyclohexane
Concen: 21.305 ug/l
RT: 5.476 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

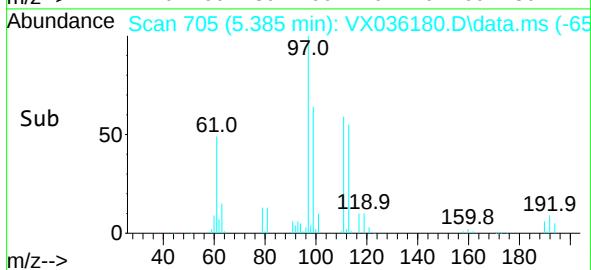
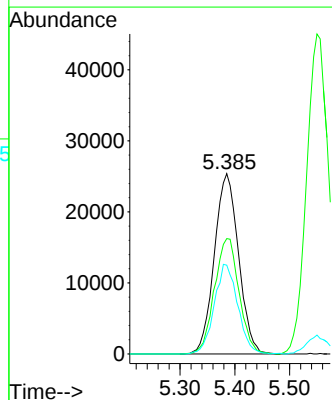
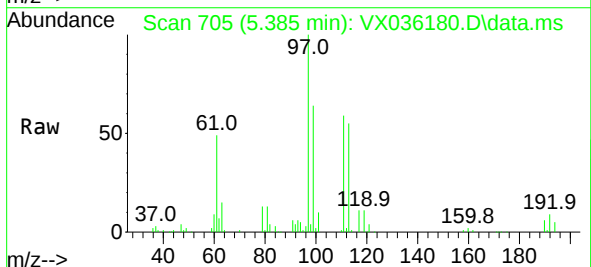
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

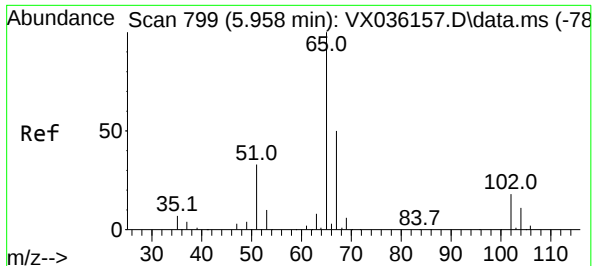
Tgt Ion: 56 Resp: 73951
Ion Ratio Lower Upper
56 100
69 29.8 23.4 35.2
84 82.2 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 20.507 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Tgt Ion: 97 Resp: 77869
Ion Ratio Lower Upper
97 100
99 65.1 51.1 76.7
61 48.1 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 20.014 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

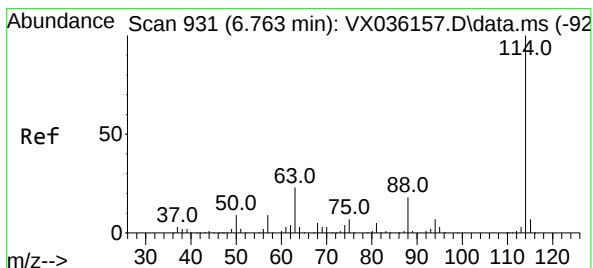
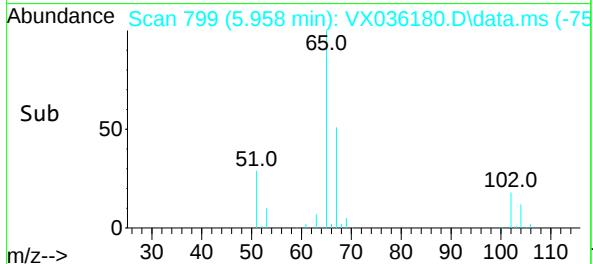
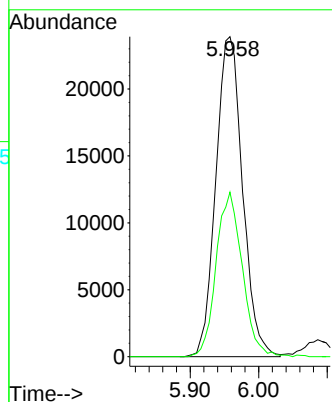
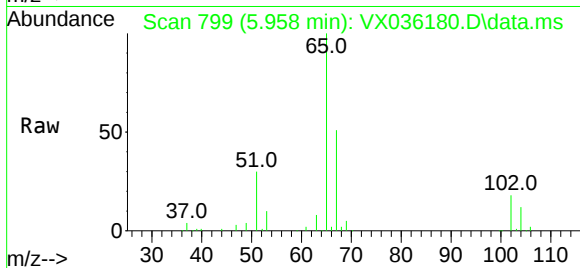
VSTDIC020

Tgt Ion: 65 Resp: 64755

Ion Ratio Lower Upper

65 100

67 50.1 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

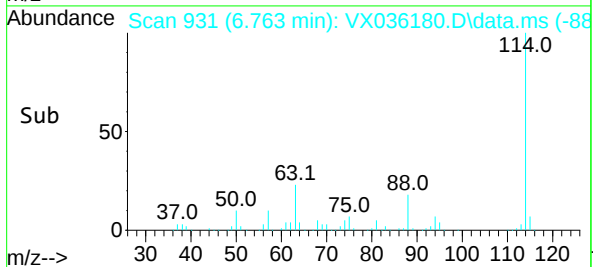
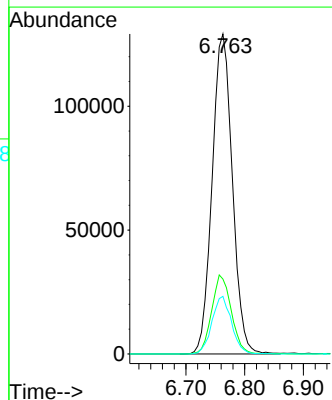
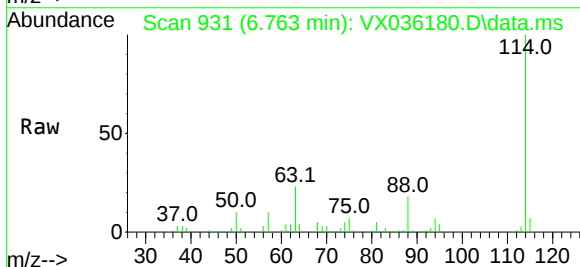
Tgt Ion: 114 Resp: 308833

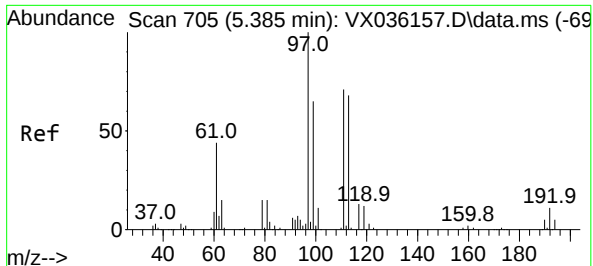
Ion Ratio Lower Upper

114 100

63 23.4 0.0 45.0

88 18.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 20.206 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

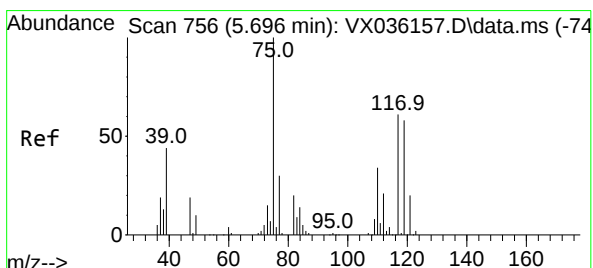
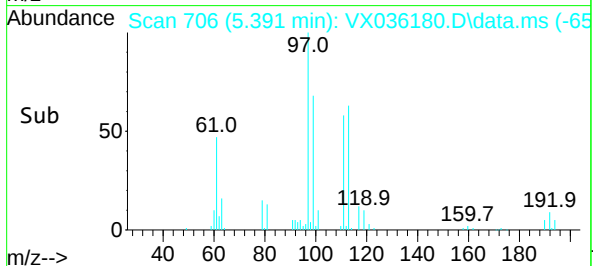
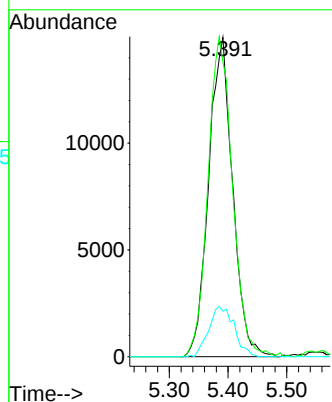
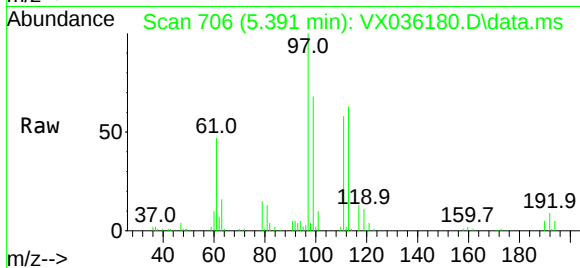
Tgt Ion:113 Resp: 42316

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

192 16.7 13.3 19.9



#36

1,1-Dichloropropene

Concen: 20.985 ug/l

RT: 5.696 min Scan# 756

Delta R.T. -0.000 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

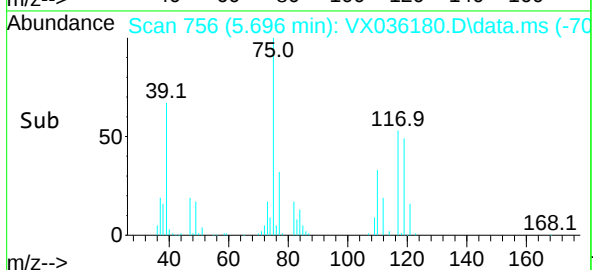
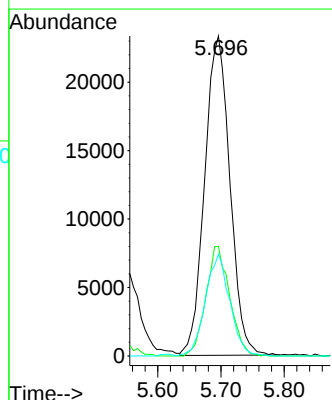
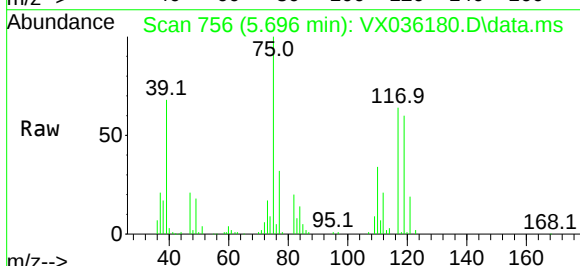
Tgt Ion: 75 Resp: 64738

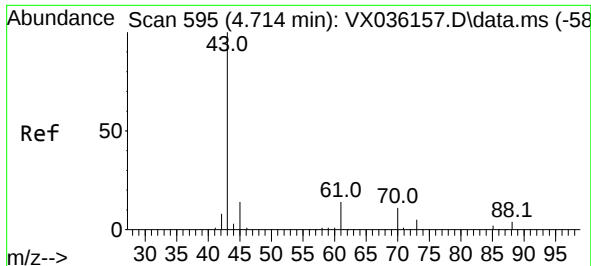
Ion Ratio Lower Upper

75 100

110 32.5 17.0 50.9

77 30.7 24.7 37.1





#37

Ethyl Acetate

Concen: 19.627 ug/l

RT: 4.714 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

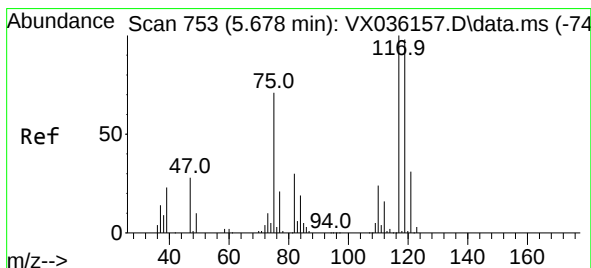
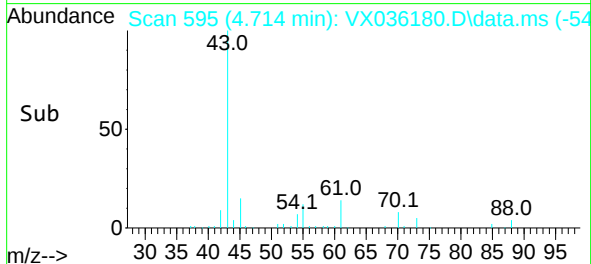
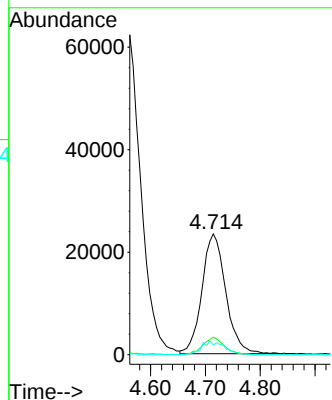
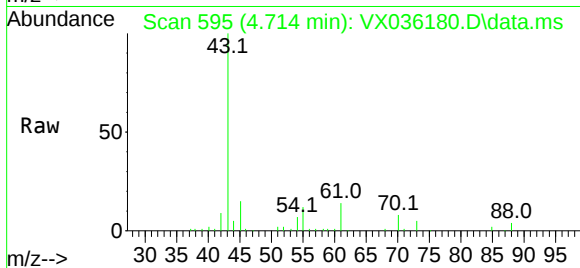
Tgt Ion: 43 Resp: 70544

Ion Ratio Lower Upper

43 100

61 13.2 10.6 16.0

70 10.6 8.3 12.5



#38

Carbon Tetrachloride

Concen: 21.569 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

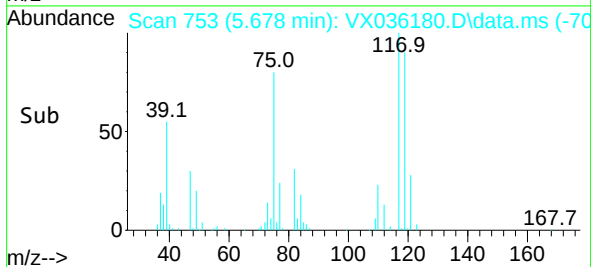
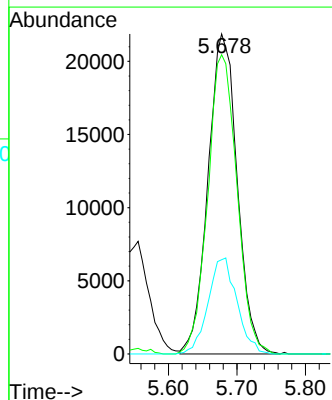
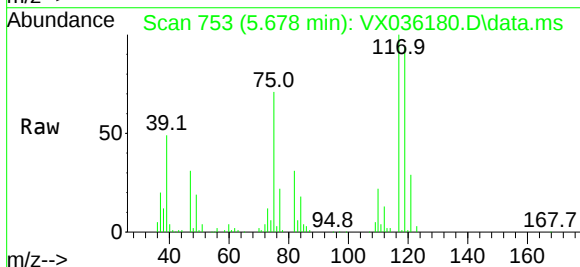
Tgt Ion: 117 Resp: 64683

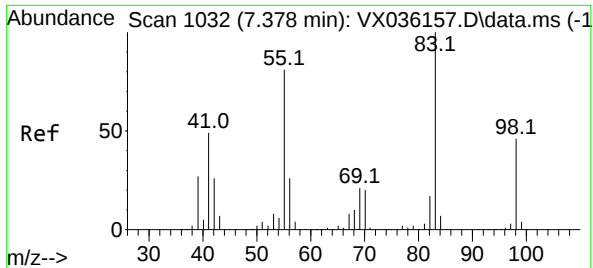
Ion Ratio Lower Upper

117 100

119 93.5 78.2 117.2

121 29.5 24.4 36.6





#39

Methylcyclohexane

Concen: 22.244 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.001 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

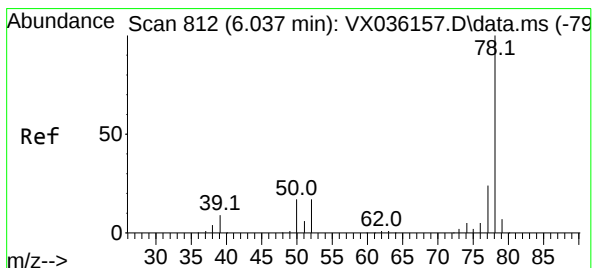
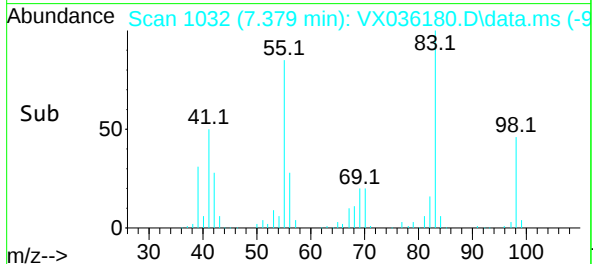
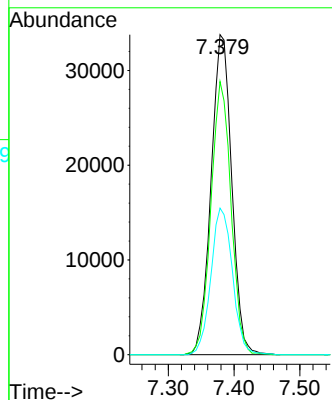
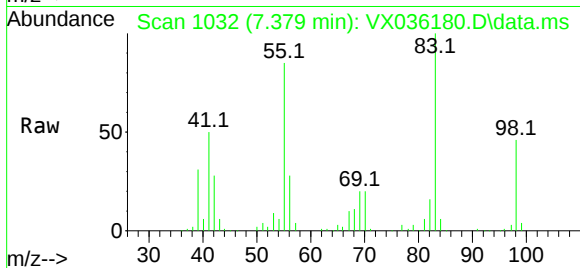
Tgt Ion: 83 Resp: 73906

Ion Ratio Lower Upper

83 100

55 85.3 64.6 97.0

98 45.8 36.7 55.1



#40

Benzene

Concen: 20.713 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX036180.D

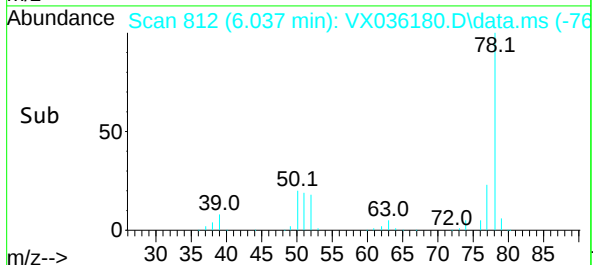
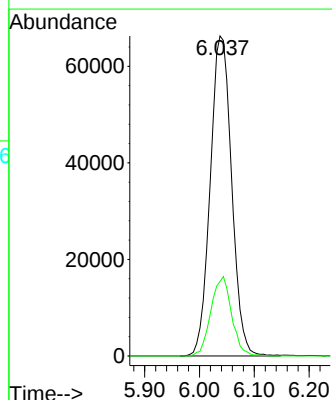
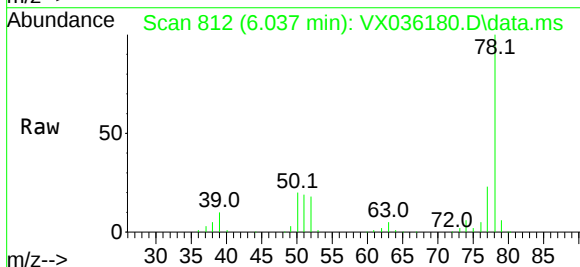
Acq: 16 Jun 2023 13:14

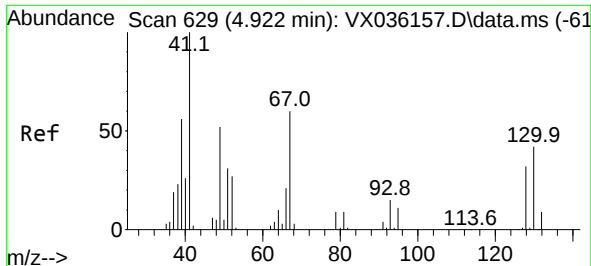
Tgt Ion: 78 Resp: 179690

Ion Ratio Lower Upper

78 100

77 23.3 19.3 28.9

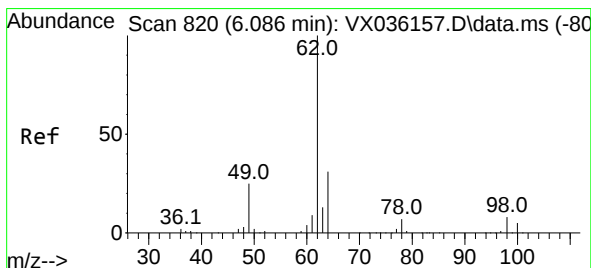
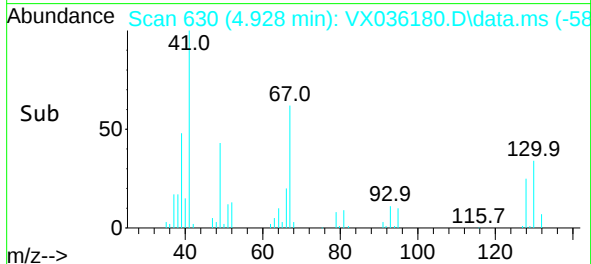
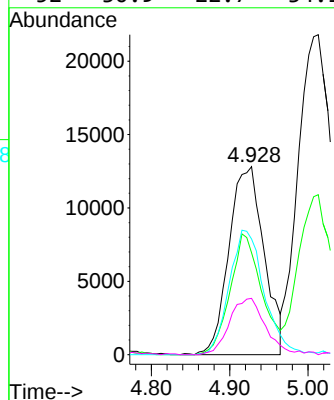
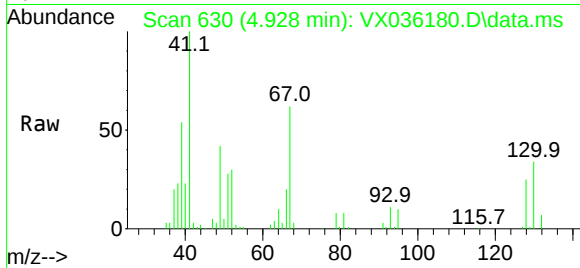




#41
Methacrylonitrile
Concen: 20.158 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

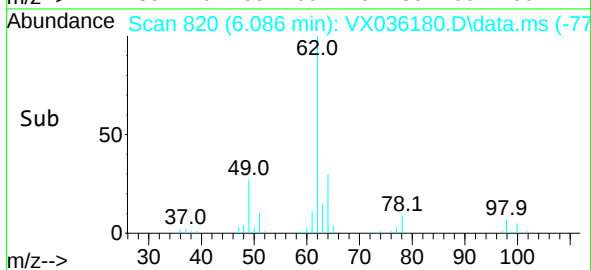
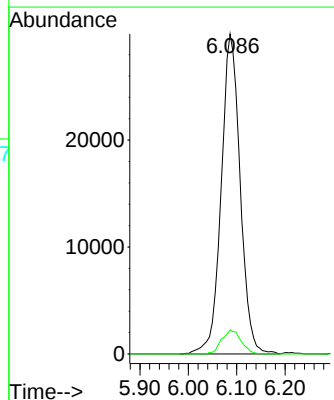
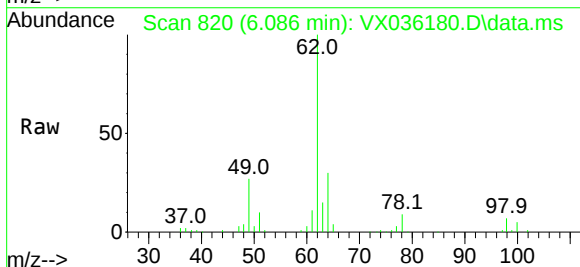
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

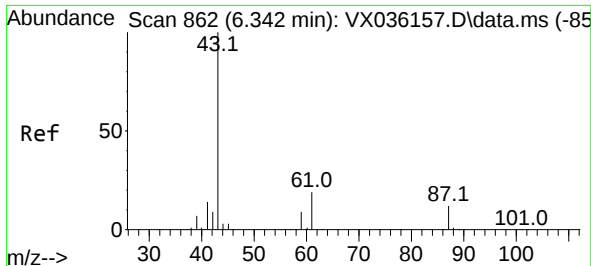
Tgt Ion:	41	Resp:	39945
Ion	Ratio	Lower	Upper
41	100		
39	57.9	45.2	67.8
67	65.7	52.6	78.8
52	30.9	22.7	34.1



#42
1,2-Dichloroethane
Concen: 20.875 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Tgt Ion:	62	Resp:	81583
Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	16.0





#43

Isopropyl Acetate

Concen: 19.984 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

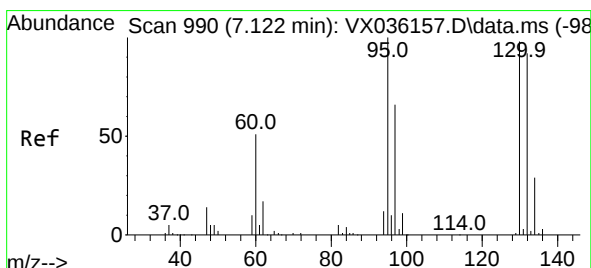
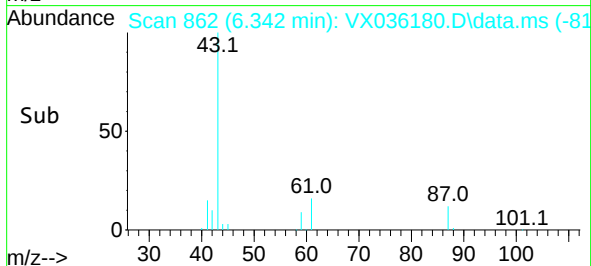
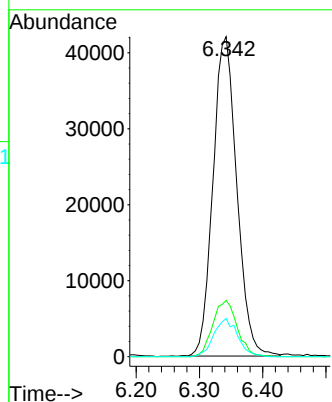
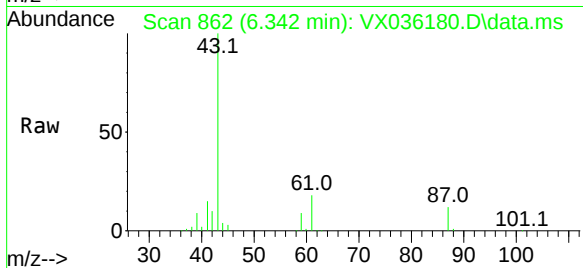
Tgt Ion: 43 Resp: 109924

Ion Ratio Lower Upper

43 100

61 18.1 15.2 22.8

87 12.0 9.8 14.6



#44

Trichloroethene

Concen: 20.636 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.007 min

Lab File: VX036180.D

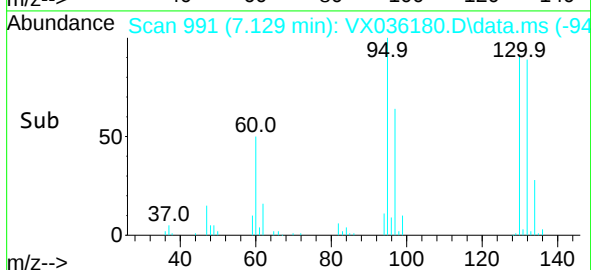
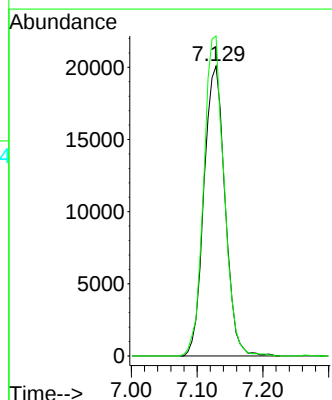
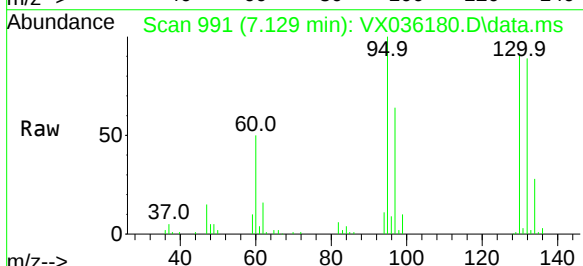
Acq: 16 Jun 2023 13:14

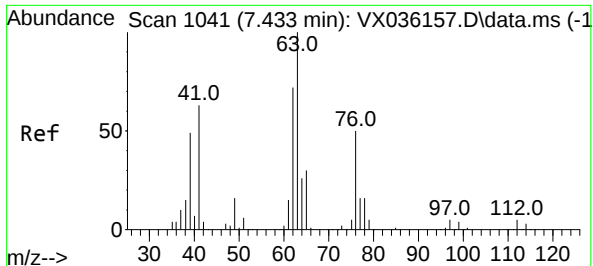
Tgt Ion:130 Resp: 44735

Ion Ratio Lower Upper

130 100

95 110.4 0.0 204.4





#45

1,2-Dichloropropane

Concen: 20.590 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

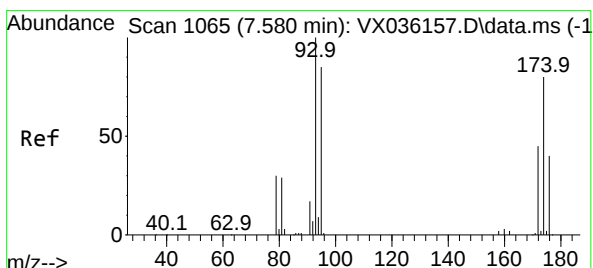
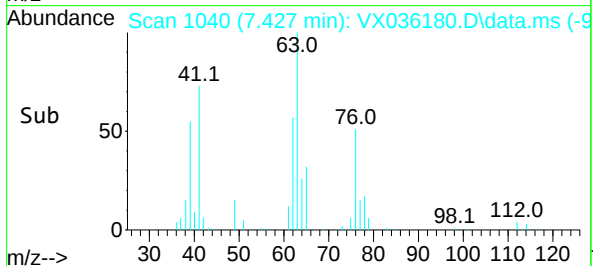
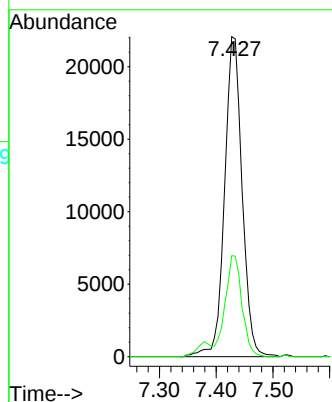
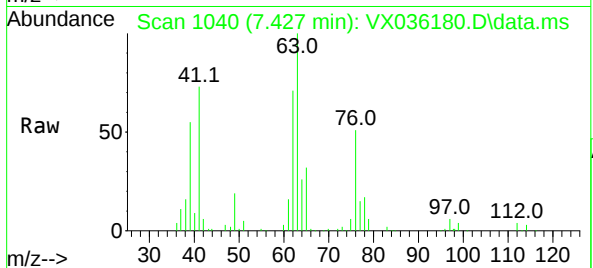
VSTDICC020

Tgt Ion: 63 Resp: 47488

Ion Ratio Lower Upper

63 100

65 31.5 24.3 36.5



#46

Dibromomethane

Concen: 20.342 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

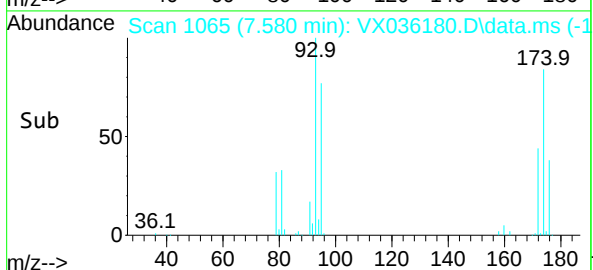
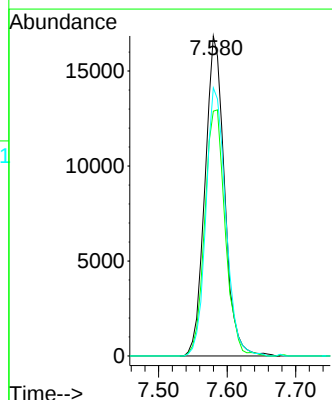
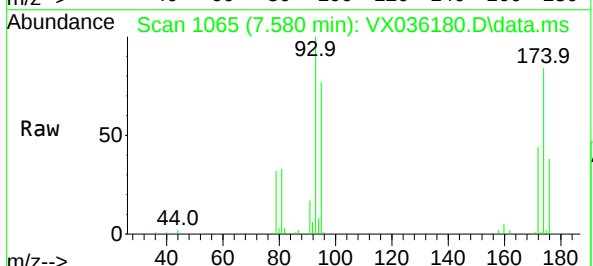
Tgt Ion: 93 Resp: 33423

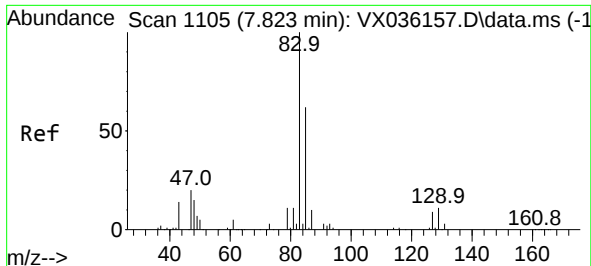
Ion Ratio Lower Upper

93 100

95 80.3 66.6 100.0

174 84.7 69.4 104.0

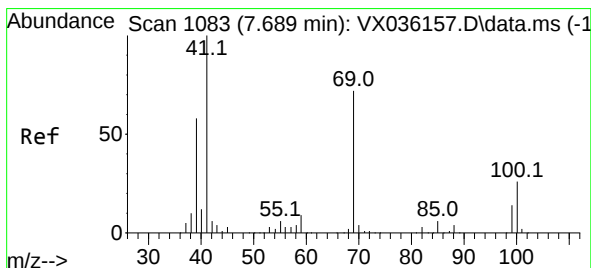
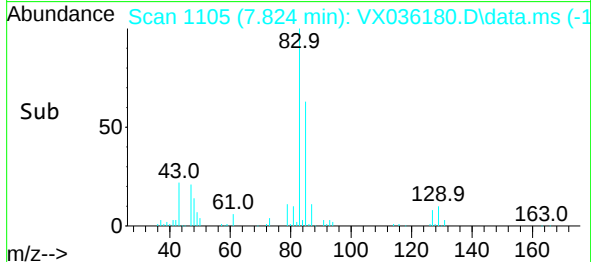
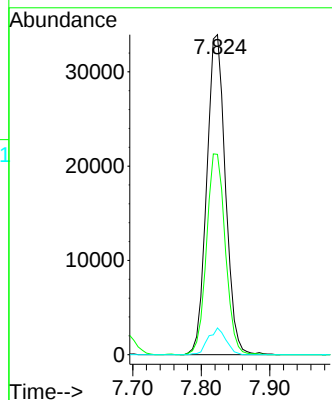
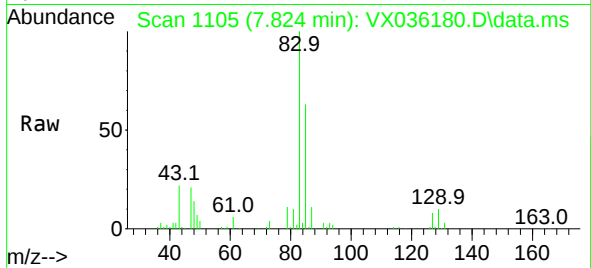




#47
Bromodichloromethane
Concen: 20.398 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

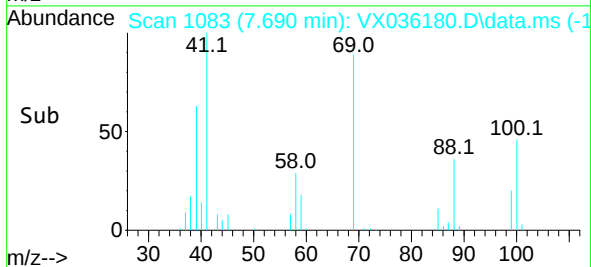
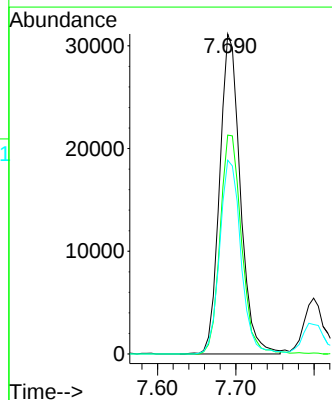
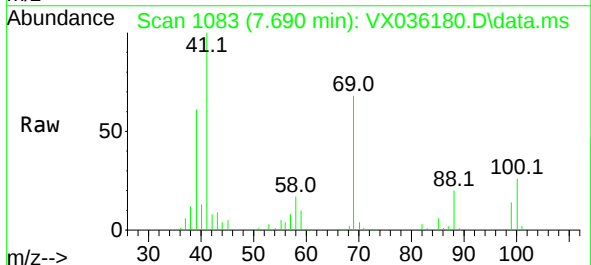
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

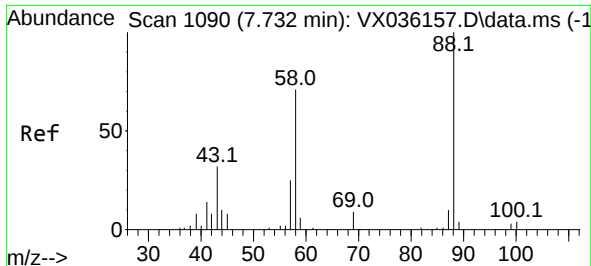
Tgt Ion: 83 Resp: 64341
Ion Ratio Lower Upper
83 100
85 62.6 49.8 74.6
127 8.3 7.1 10.7



#48
Methyl methacrylate
Concen: 20.231 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.001 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Tgt Ion: 41 Resp: 57093
Ion Ratio Lower Upper
41 100
69 70.8 59.2 88.8
39 62.3 47.7 71.5





#49

1,4-Dioxane

Concen: 405.806 ug/l

RT: 7.683 min Scan# 1082

Delta R.T. -0.049 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

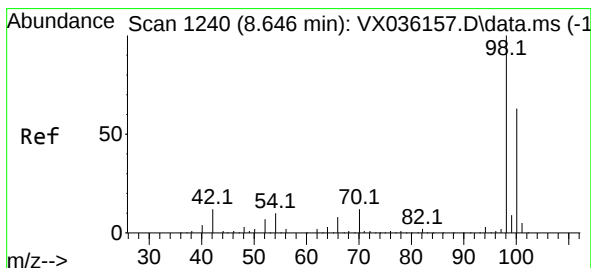
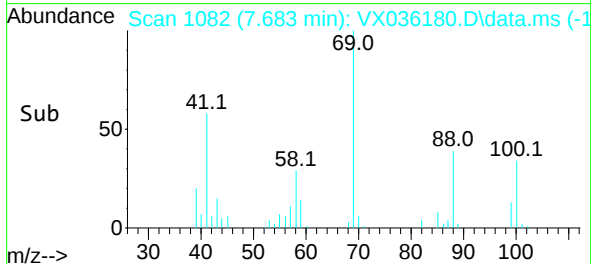
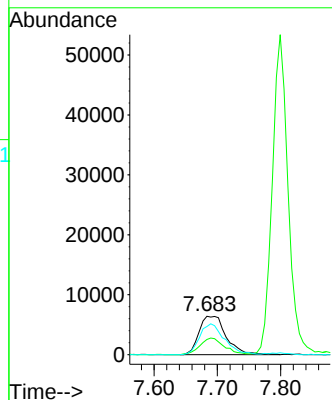
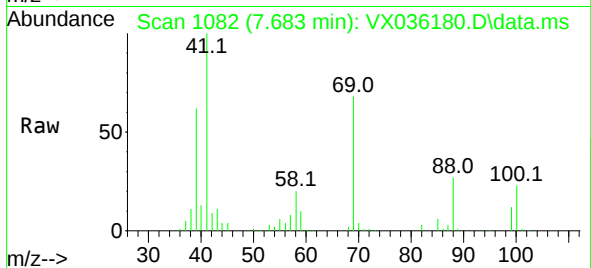
Tgt Ion: 88 Resp: 19174

Ion Ratio Lower Upper

88 100

43 38.8 0.0 0.0#

58 73.6 60.1 90.1



#50

Toluene-d8

Concen: 19.959 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX036180.D

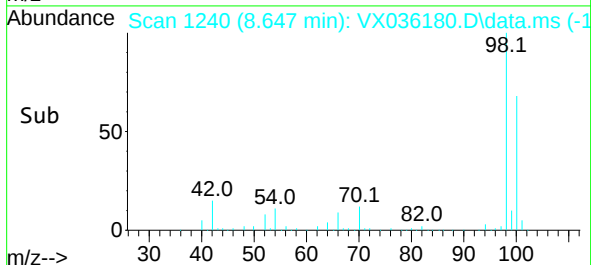
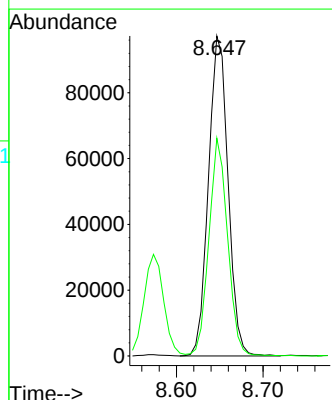
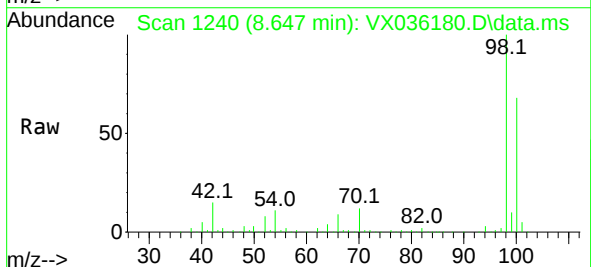
Acq: 16 Jun 2023 13:14

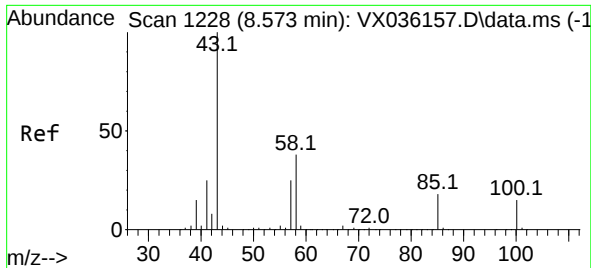
Tgt Ion: 98 Resp: 152895

Ion Ratio Lower Upper

98 100

100 64.8 53.1 79.7

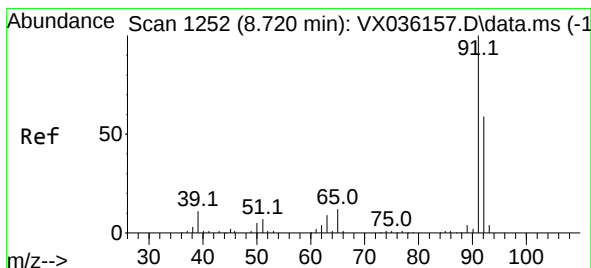
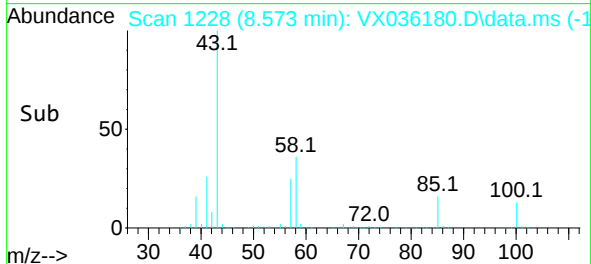
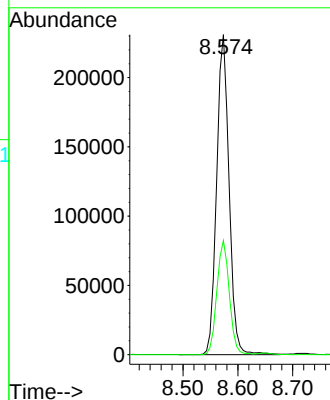
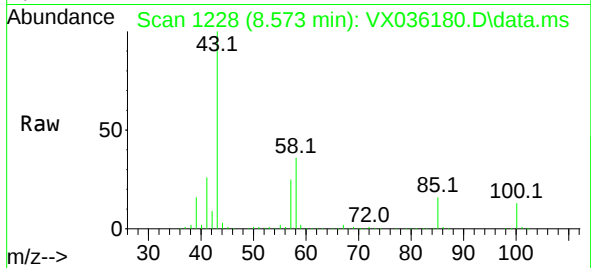




#51
4-Methyl-2-Pentanone
Concen: 104.527 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

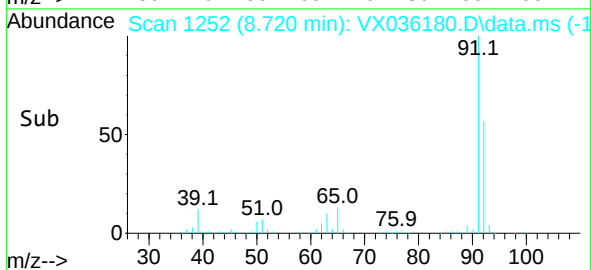
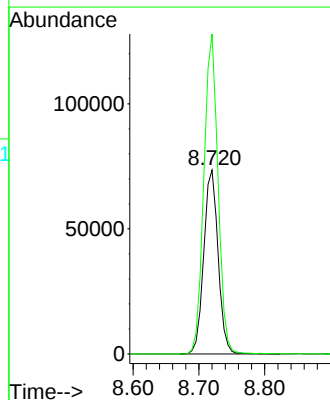
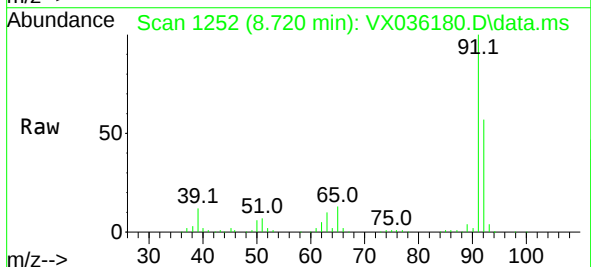
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

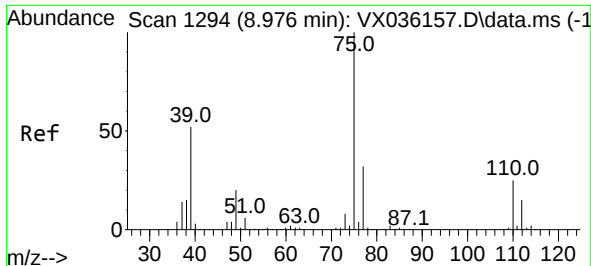
Tgt Ion: 43 Resp: 363038
Ion Ratio Lower Upper
43 100
58 35.7 30.4 45.6



#52
Toluene
Concen: 20.528 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Tgt Ion: 92 Resp: 111497
Ion Ratio Lower Upper
92 100
91 171.3 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 18.521 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

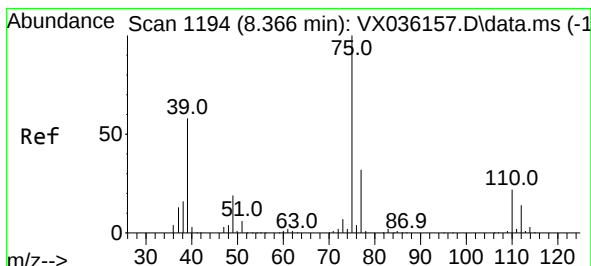
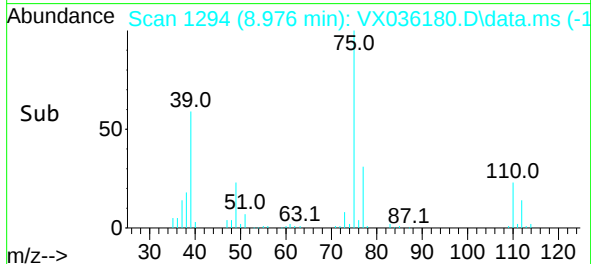
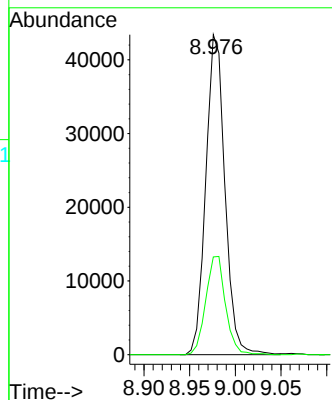
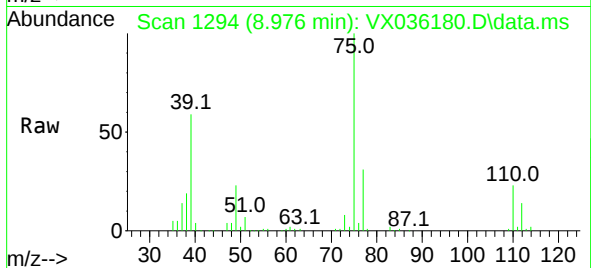
VSTDICC020

Tgt Ion: 75 Resp: 63059

Ion Ratio Lower Upper

75 100

77 30.6 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 19.247 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

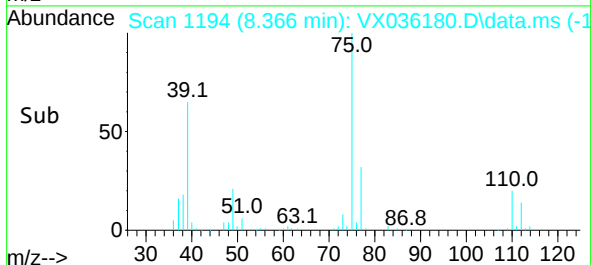
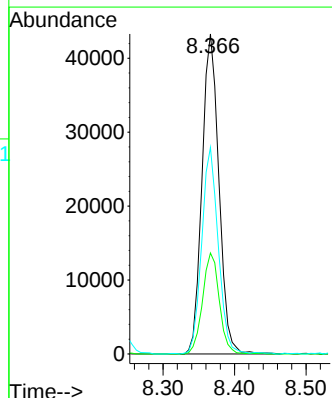
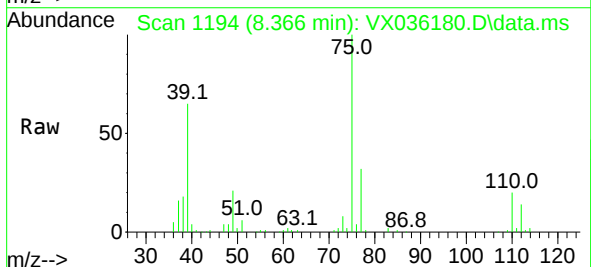
Tgt Ion: 75 Resp: 70991

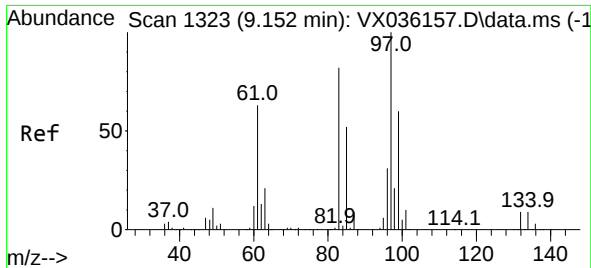
Ion Ratio Lower Upper

75 100

77 31.5 25.3 37.9

39 64.5 46.7 70.1



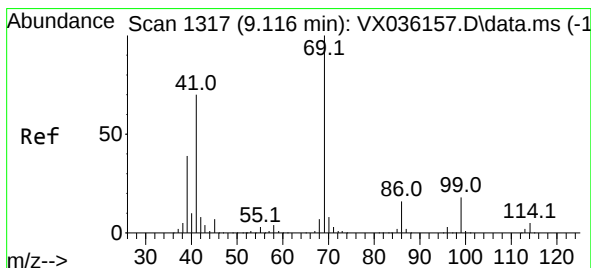
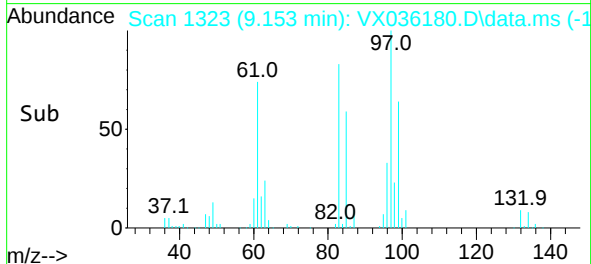
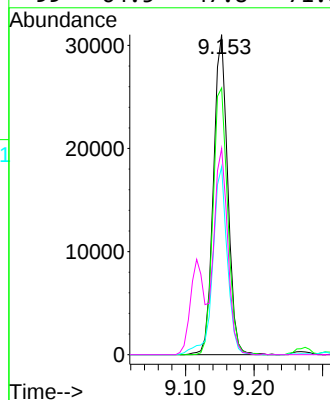
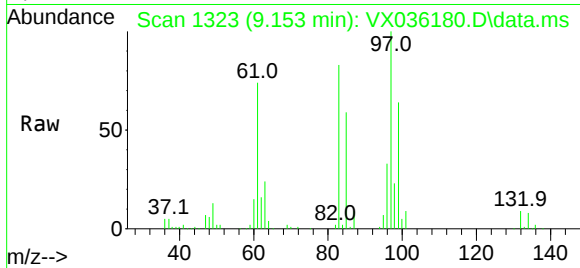


#55
1,1,2-Trichloroethane
Concen: 20.006 ug/l
RT: 9.153 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 97 Resp: 44858

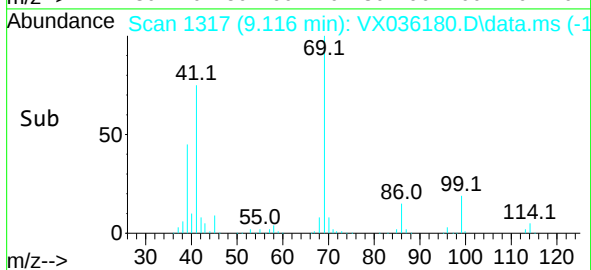
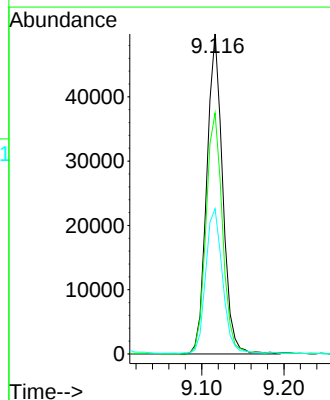
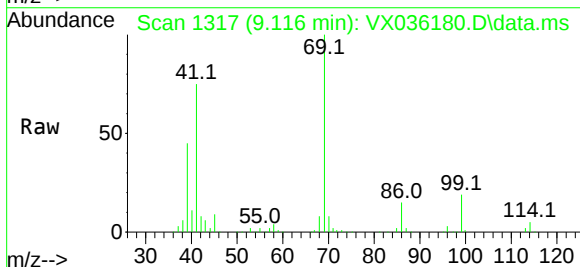
Ion	Ratio	Lower	Upper
97	100		
83	83.4	65.8	98.8
85	58.7	41.6	62.4
99	64.5	47.8	71.8

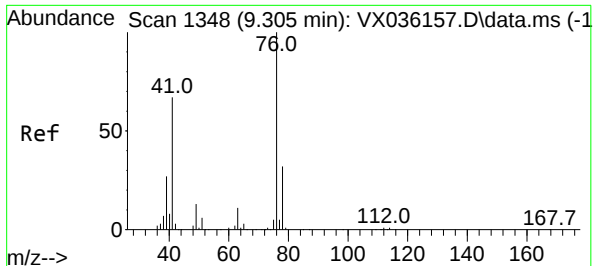


#56
Ethyl methacrylate
Concen: 18.918 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Tgt Ion: 69 Resp: 67141

Ion	Ratio	Lower	Upper
69	100		
41	78.1	56.8	85.2
39	47.7	32.0	48.0

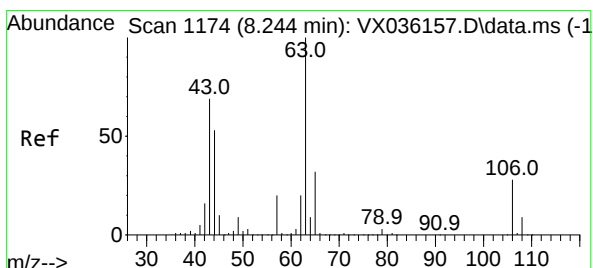
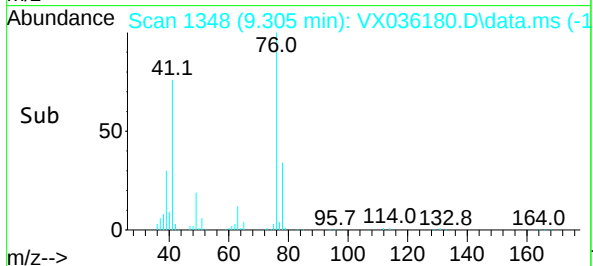
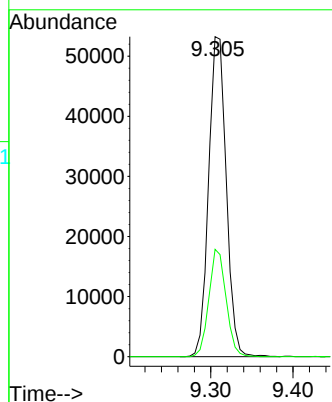
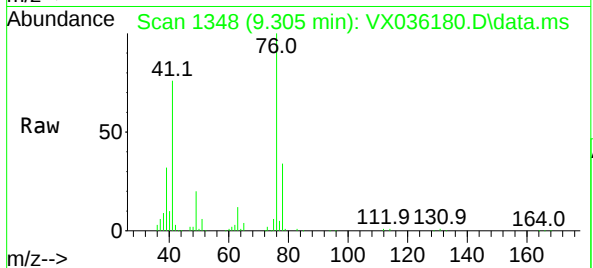




#57
1,3-Dichloropropane
Concen: 19.845 ug/l
RT: 9.305 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

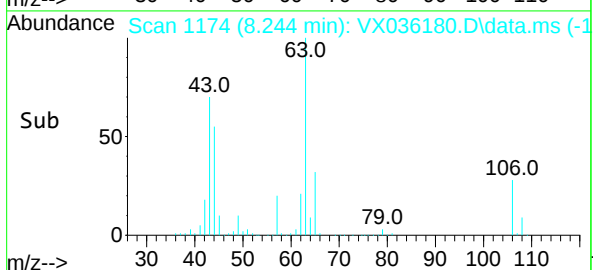
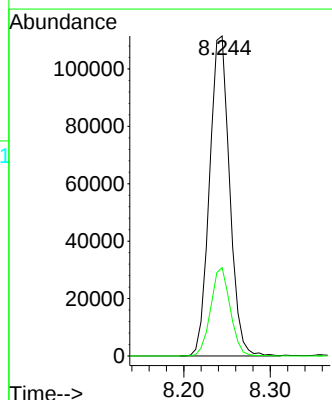
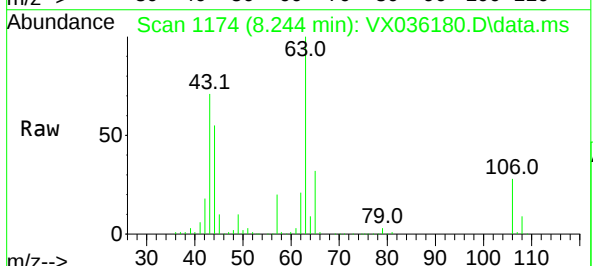
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

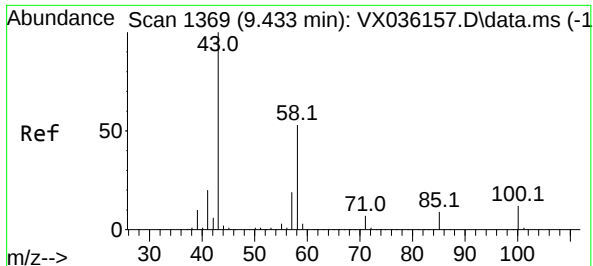
Tgt Ion: 76 Resp: 79160
Ion Ratio Lower Upper
76 100
78 32.7 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 96.135 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Tgt Ion: 63 Resp: 179477
Ion Ratio Lower Upper
63 100
106 26.8 22.5 33.7

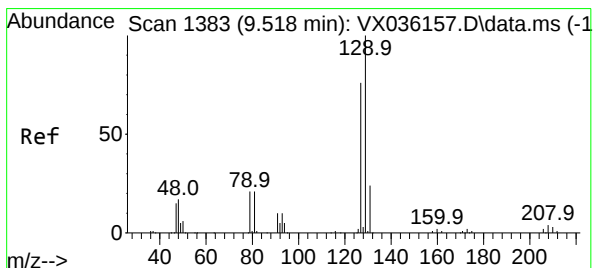
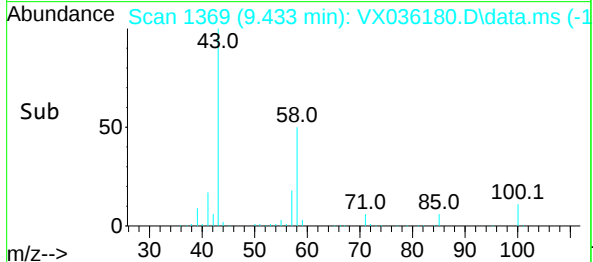
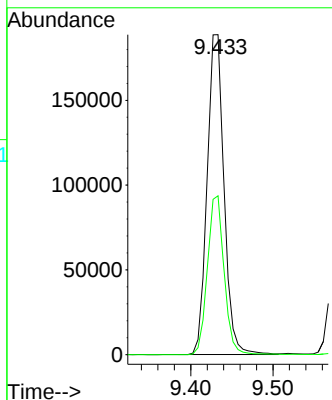
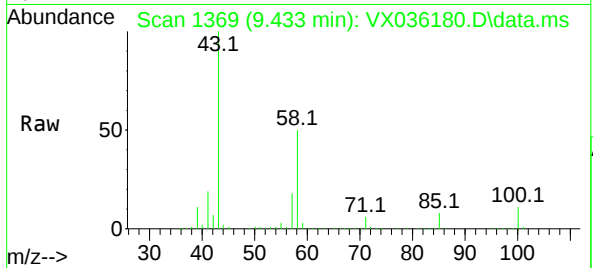




#59
2-Hexanone
Concen: 104.613 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

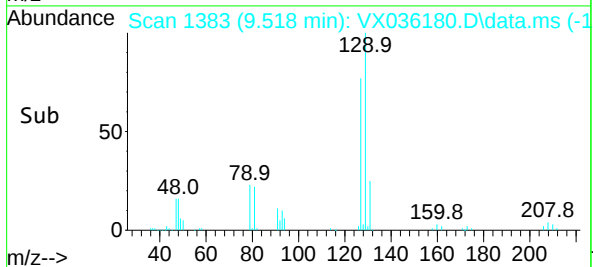
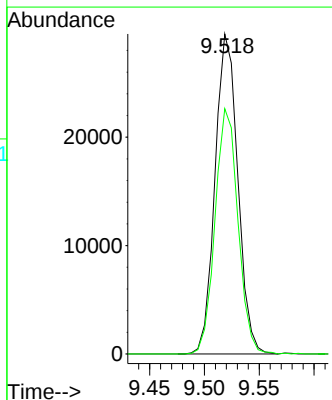
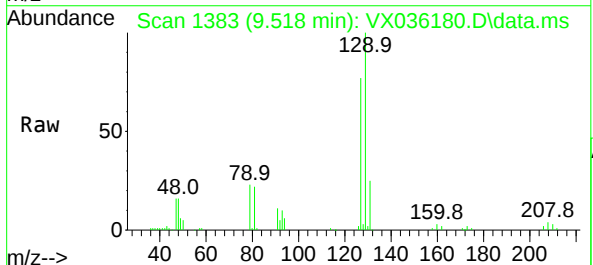
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 270121
Ion Ratio Lower Upper
43 100
58 49.0 26.2 78.5



#60
Dibromochloromethane
Concen: 19.482 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Tgt Ion: 129 Resp: 42638
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.4

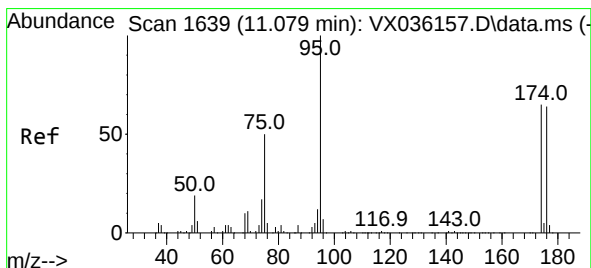
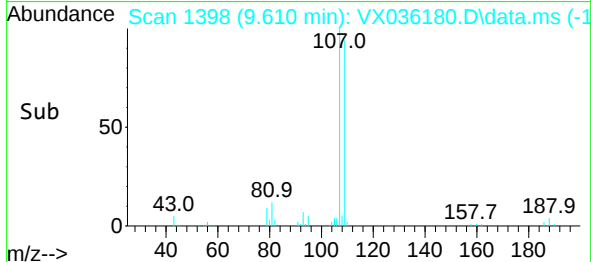
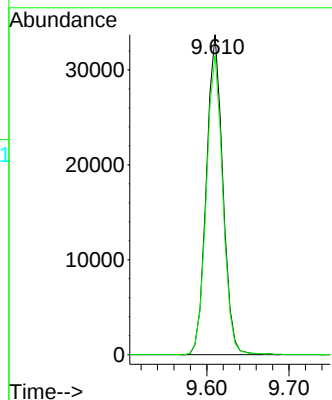
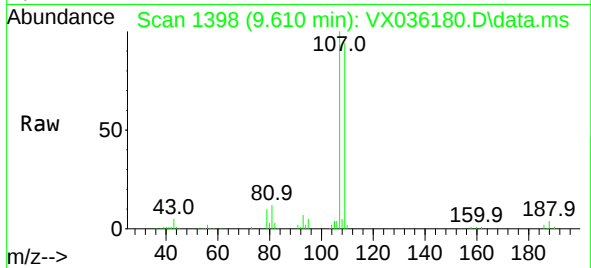




#61
1,2-Dibromoethane
Concen: 20.006 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

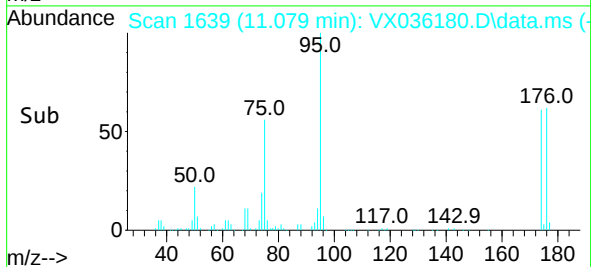
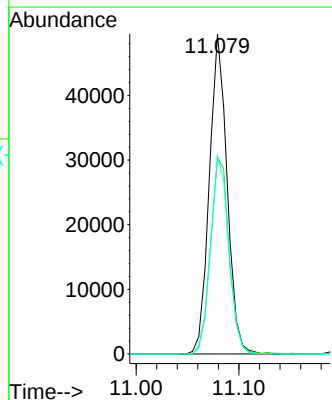
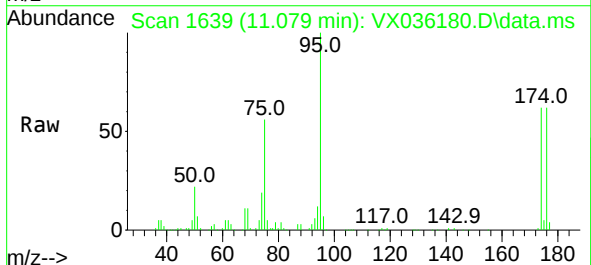
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

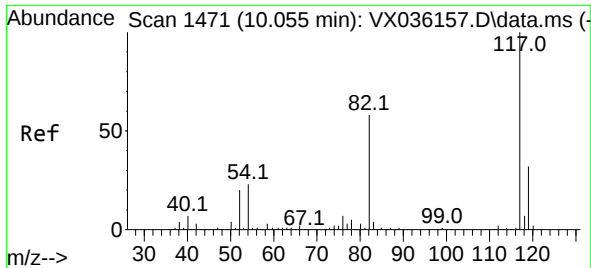
Tgt Ion:107 Resp: 46773
Ion Ratio Lower Upper
107 100
109 94.1 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 19.165 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Tgt Ion: 95 Resp: 59262
Ion Ratio Lower Upper
95 100
174 64.9 0.0 135.6
176 63.1 0.0 131.0



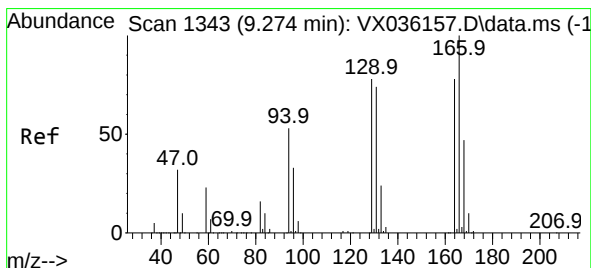
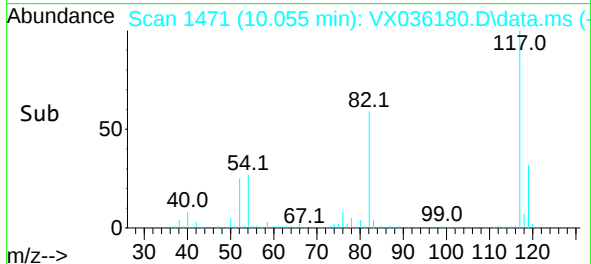
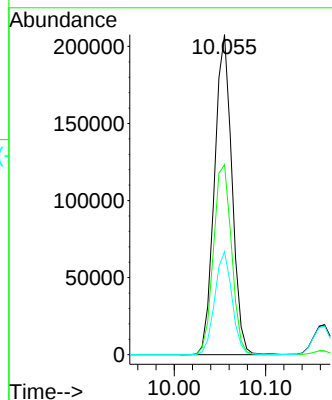
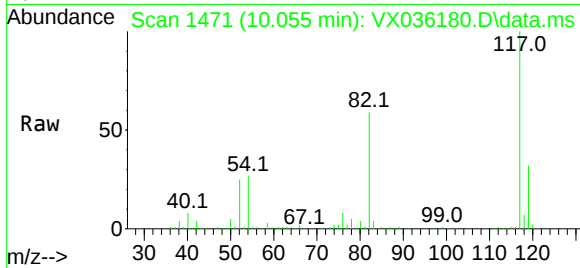


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:117 Resp: 275279

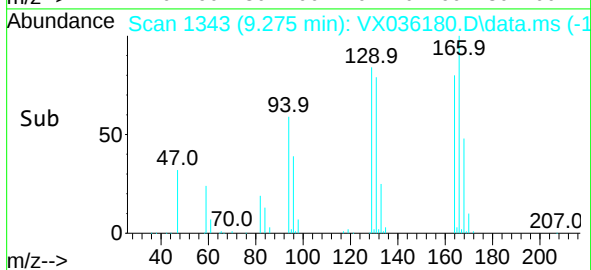
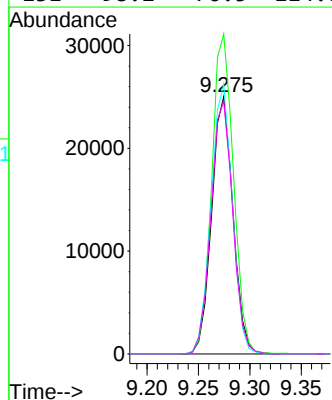
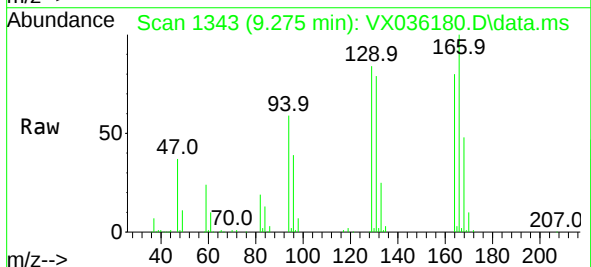
Ion	Ratio	Lower	Upper
117	100		
82	59.3	46.2	69.4
119	32.2	25.5	38.3

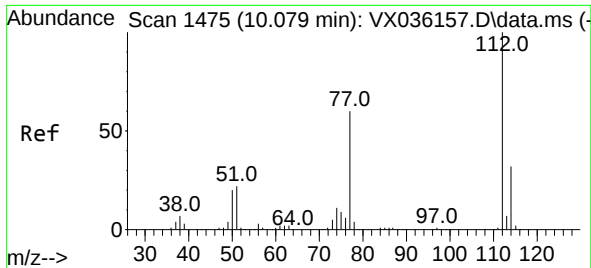


#64
Tetrachloroethene
Concen: 21.075 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Tgt Ion:164 Resp: 36096

Ion	Ratio	Lower	Upper
164	100		
166	124.4	102.7	154.1
129	104.9	80.4	120.6
131	98.2	76.5	114.7

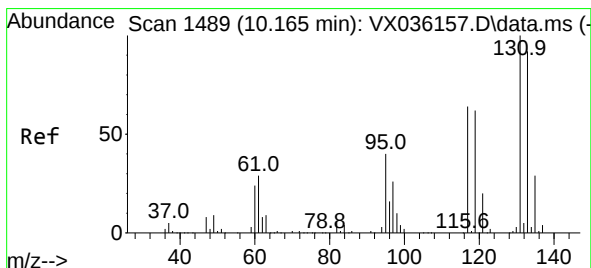
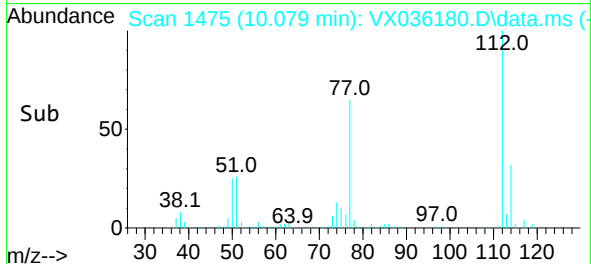
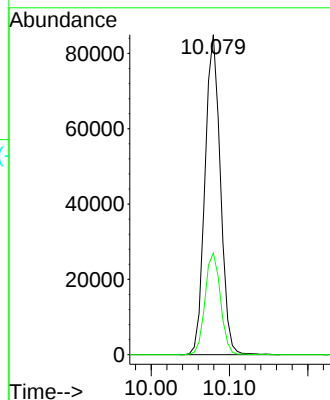
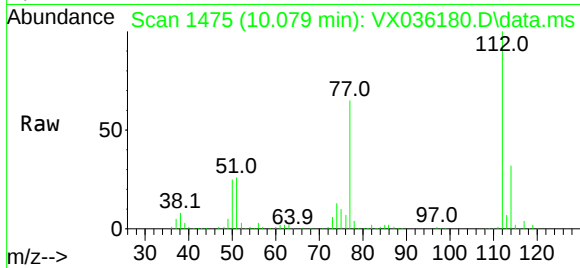




#65
Chlorobenzene
Concen: 20.298 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

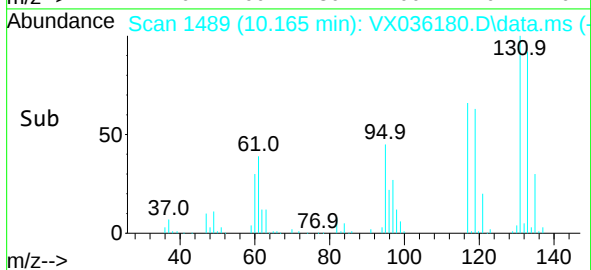
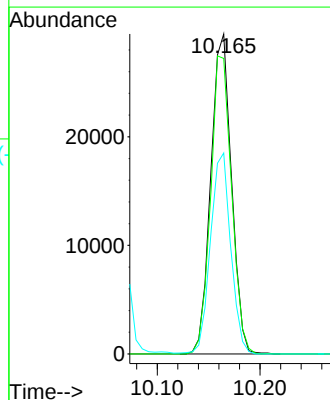
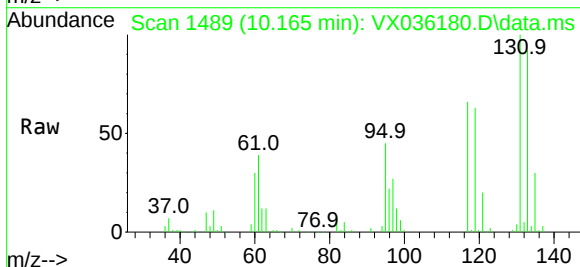
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

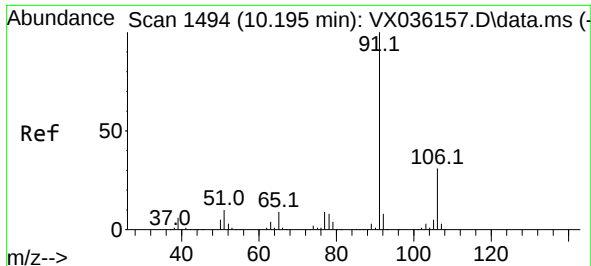
Tgt Ion:112 Resp: 115784
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.866 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Tgt Ion:131 Resp: 41075
Ion Ratio Lower Upper
131 100
133 94.6 47.1 141.4
119 61.6 32.2 96.6





#67

Ethyl Benzene

Concen: 20.993 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

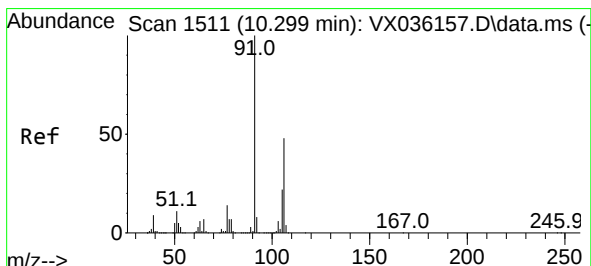
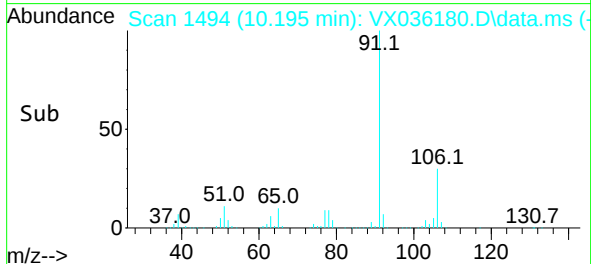
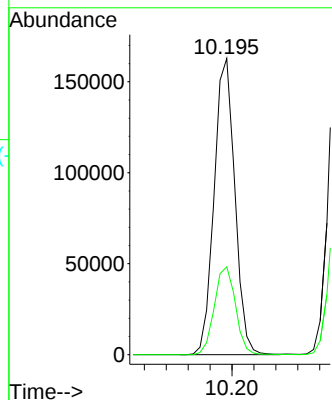
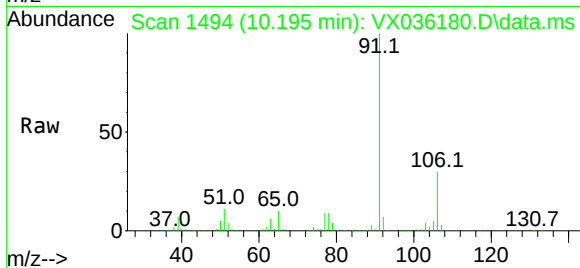
VSTDICC020

Tgt Ion: 91 Resp: 213869

Ion Ratio Lower Upper

91 100

106 29.7 24.9 37.3



#68

m/p-Xylenes

Concen: 42.678 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX036180.D

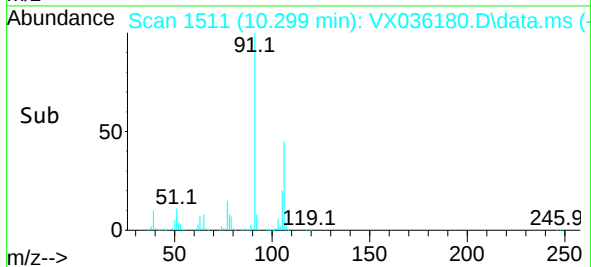
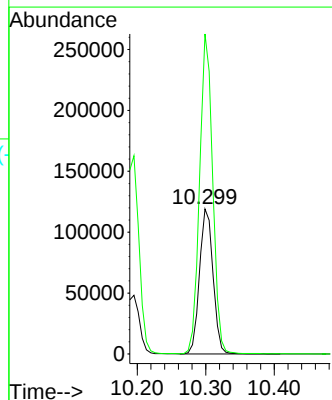
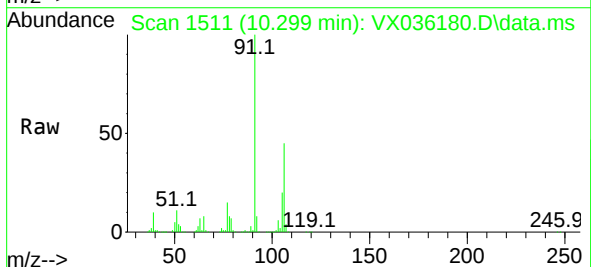
Acq: 16 Jun 2023 13:14

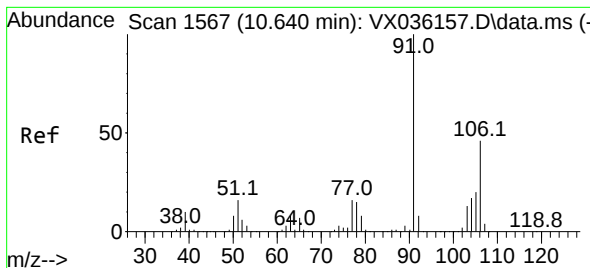
Tgt Ion: 106 Resp: 164035

Ion Ratio Lower Upper

106 100

91 213.1 165.5 248.3





#69

o-Xylene

Concen: 20.782 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

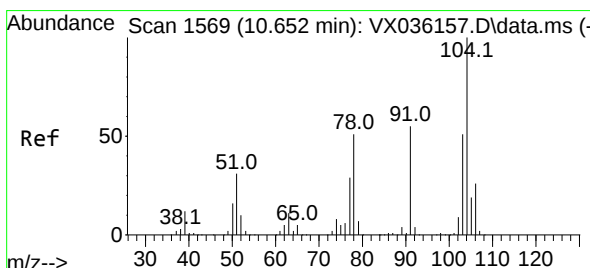
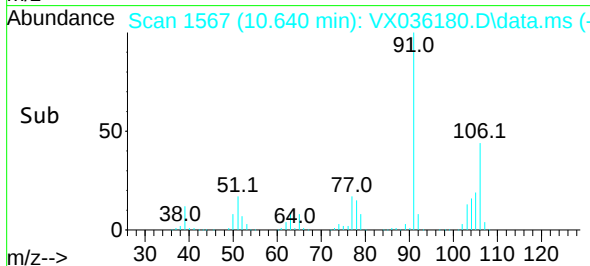
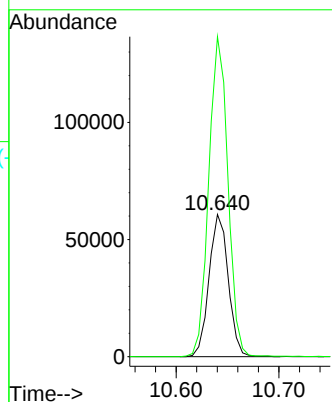
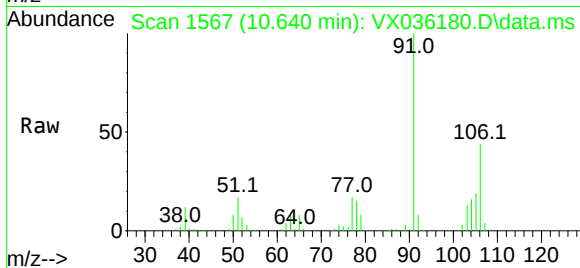
VSTDICC020

Tgt Ion:106 Resp: 78809

Ion Ratio Lower Upper

106 100

91 224.6 108.9 326.8



#70

Styrene

Concen: 20.753 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

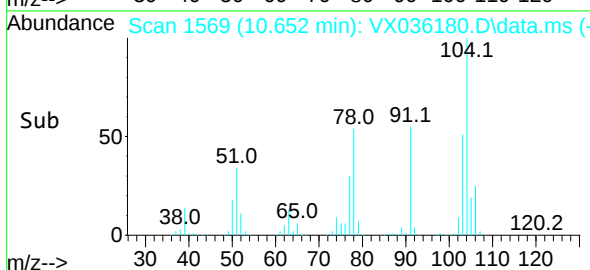
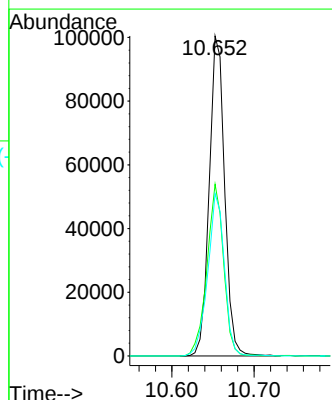
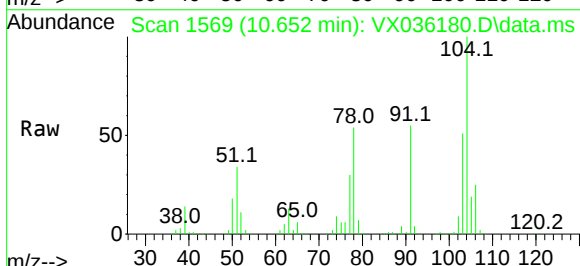
Tgt Ion:104 Resp: 131131

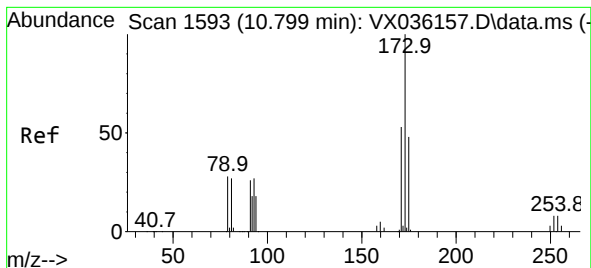
Ion Ratio Lower Upper

104 100

78 58.1 43.6 65.4

103 54.8 43.6 65.4





#71

Bromoform

Concen: 18.595 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

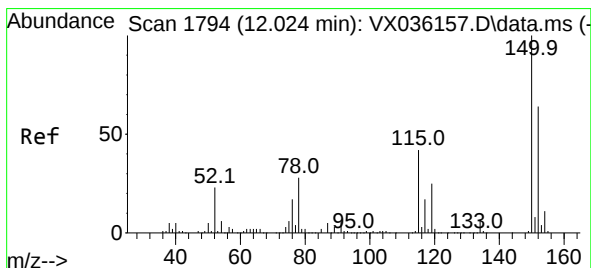
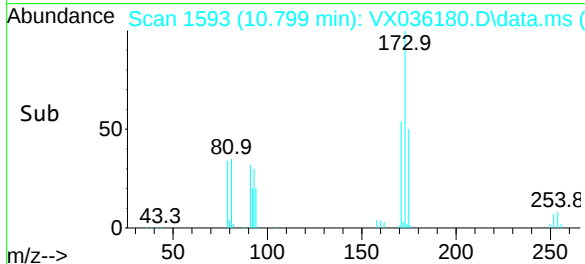
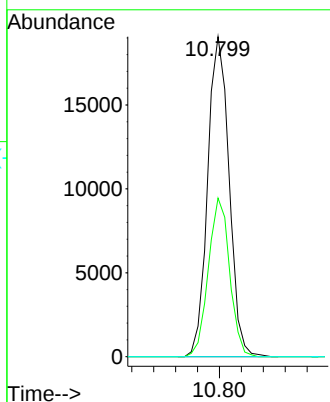
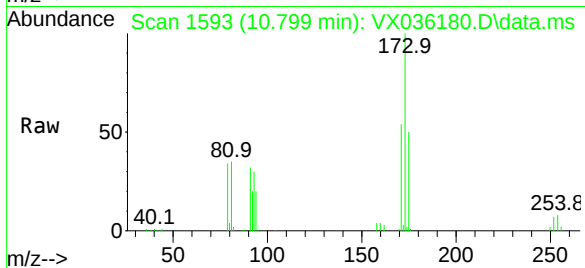
Tgt Ion:173 Resp: 25870

Ion Ratio Lower Upper

173 100

175 49.2 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

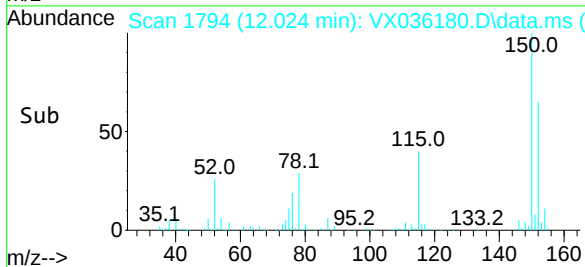
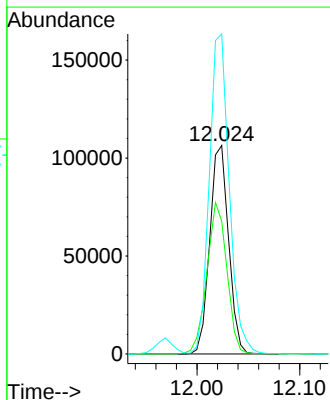
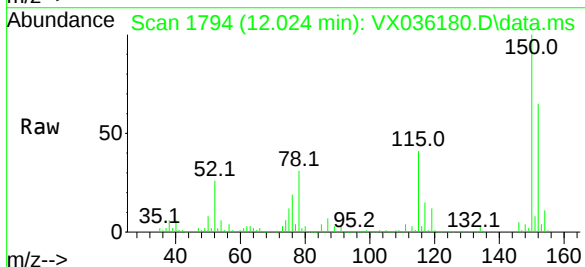
Tgt Ion:152 Resp: 135315

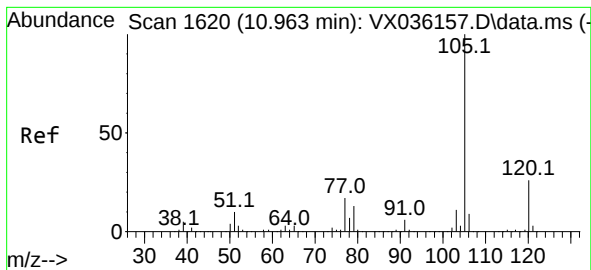
Ion Ratio Lower Upper

152 100

115 77.0 43.3 129.9

150 162.8 0.0 345.0





#73

Isopropylbenzene

Concen: 20.898 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

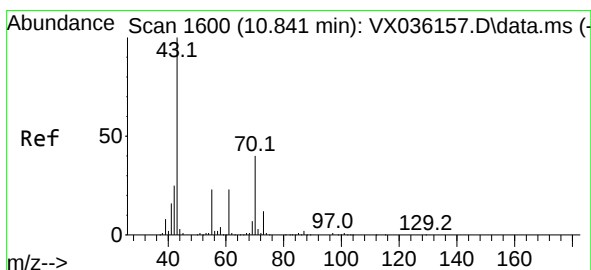
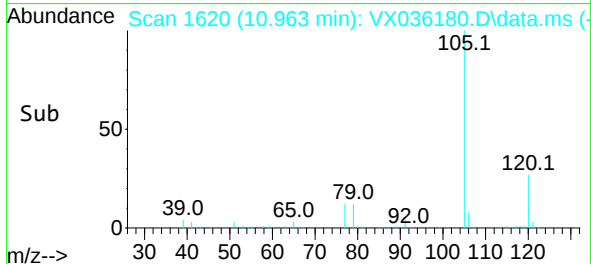
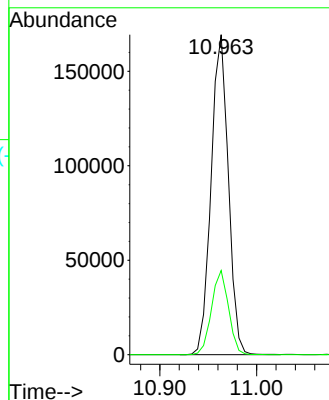
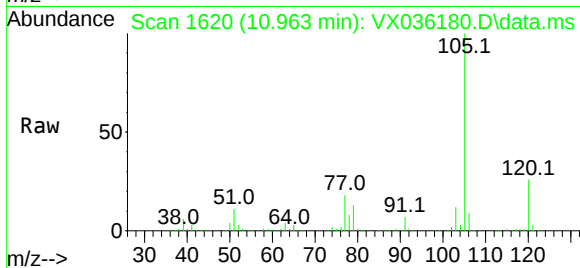
VSTDIC020

Tgt Ion:105 Resp: 209830

Ion Ratio Lower Upper

105 100

120 26.0 12.9 38.6



#74

N-ethyl acetate

Concen: 20.801 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Tgt Ion: 43 Resp: 94378

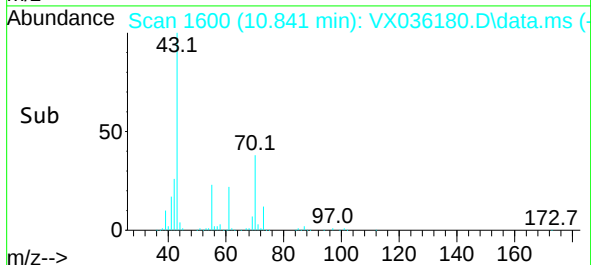
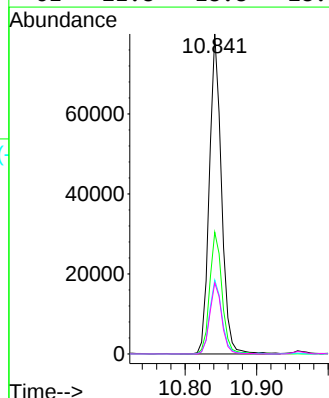
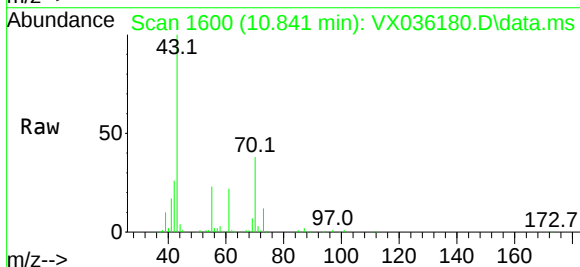
Ion Ratio Lower Upper

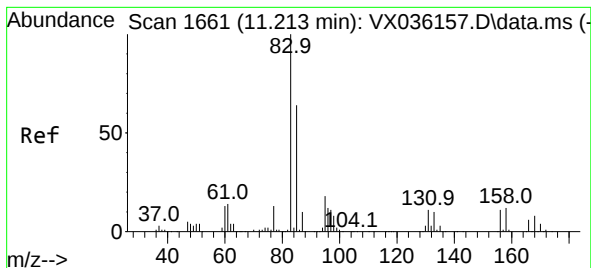
43 100

70 38.5 32.9 49.3

55 23.4 19.3 28.9

61 21.8 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.237 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

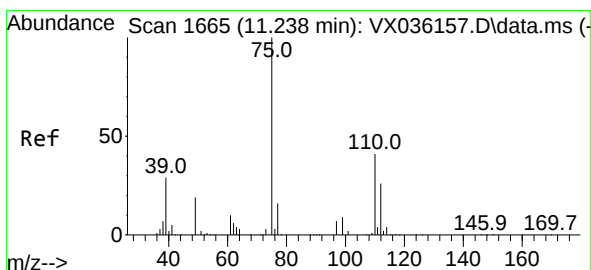
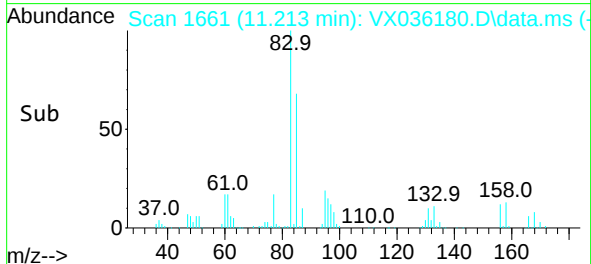
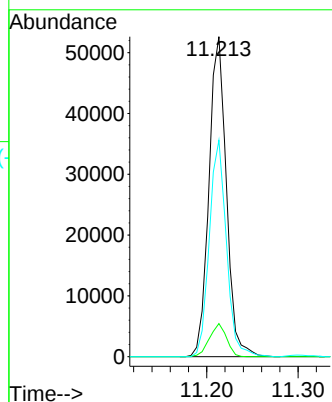
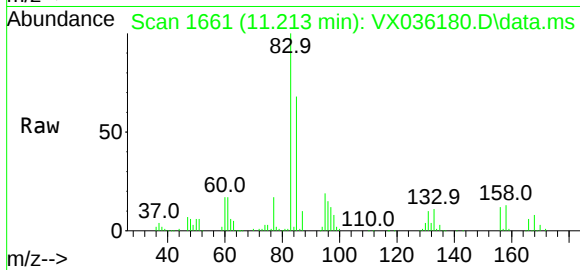
Tgt Ion: 83 Resp: 69575

Ion Ratio Lower Upper

83 100

131 10.1 5.3 15.8

85 66.5 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 23.020 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX036180.D

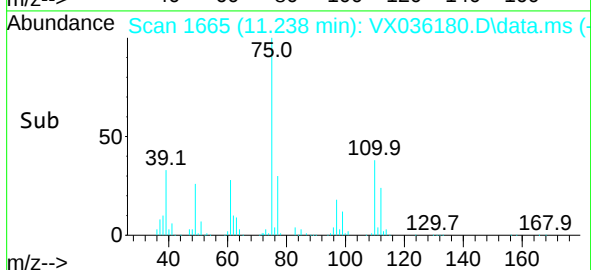
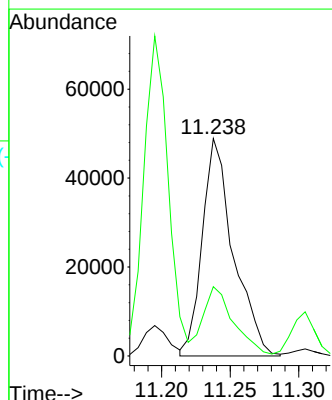
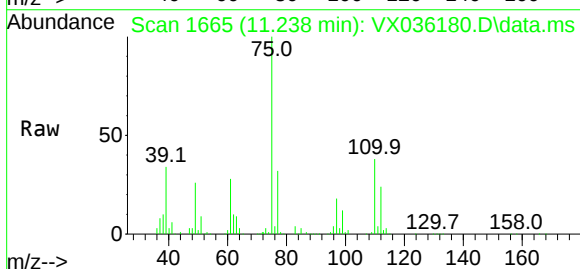
Acq: 16 Jun 2023 13:14

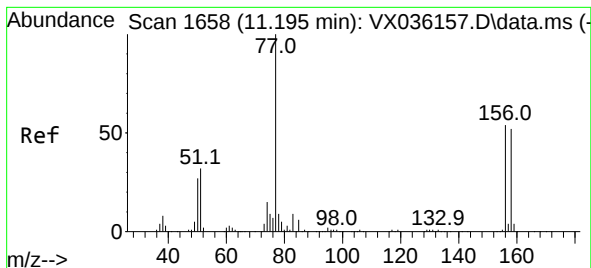
Tgt Ion: 75 Resp: 77405

Ion Ratio Lower Upper

75 100

77 31.8 19.1 57.5





#77

Bromobenzene

Concen: 19.412 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

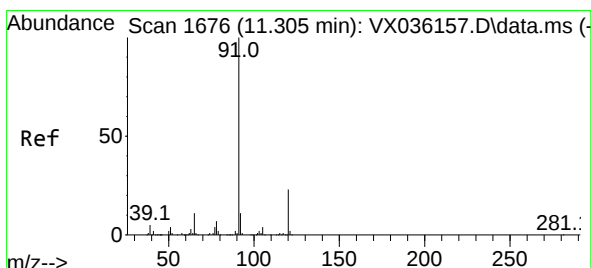
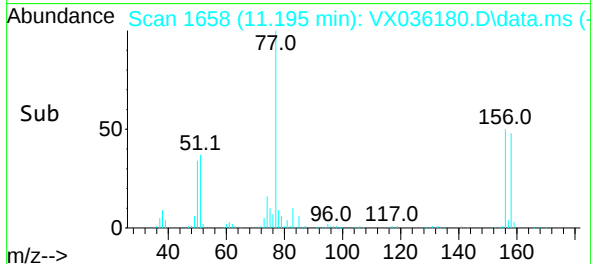
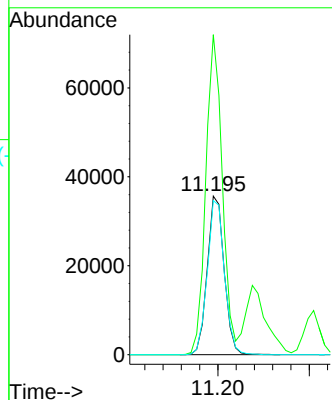
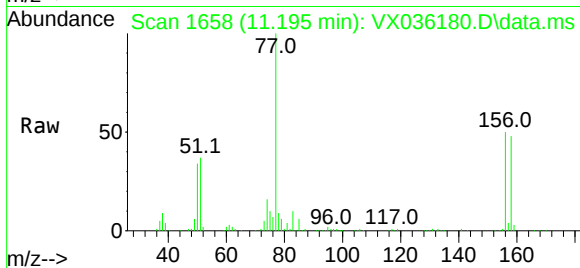
Tgt Ion:156 Resp: 45666

Ion Ratio Lower Upper

156 100

77 196.8 88.4 265.3

158 99.0 48.0 144.0



#78

n-propylbenzene

Concen: 21.371 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX036180.D

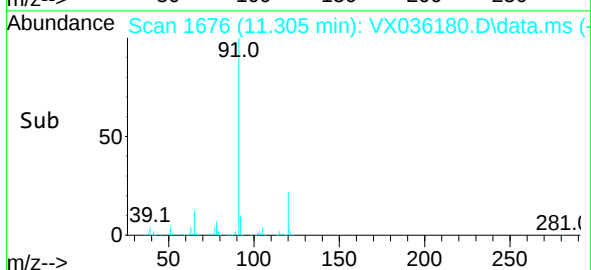
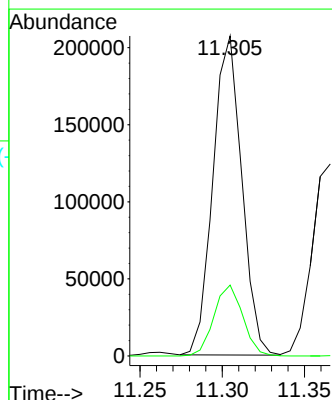
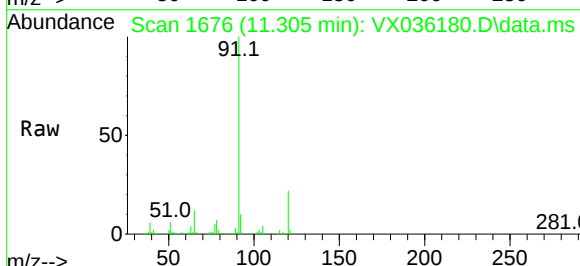
Acq: 16 Jun 2023 13:14

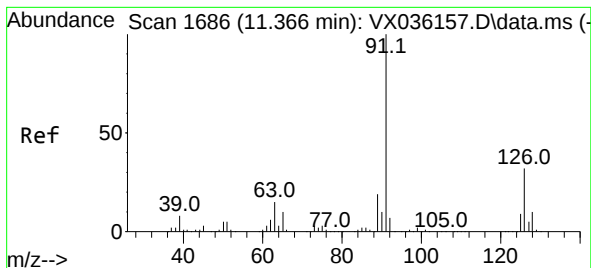
Tgt Ion: 91 Resp: 252429

Ion Ratio Lower Upper

91 100

120 22.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 21.019 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

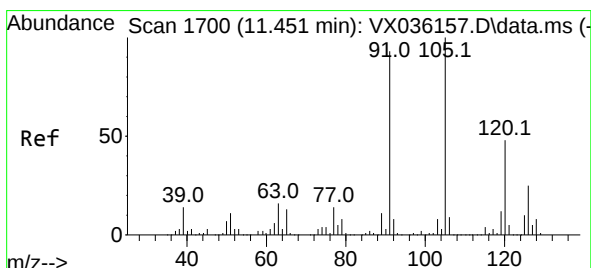
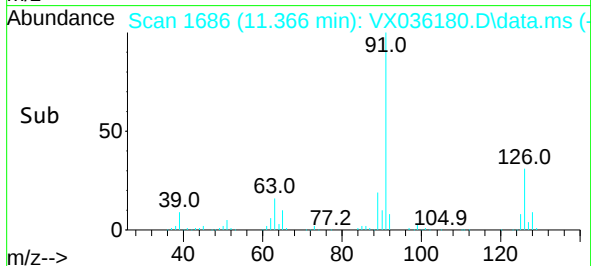
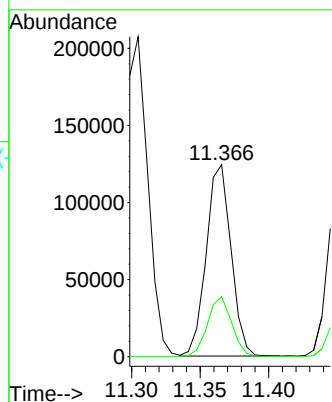
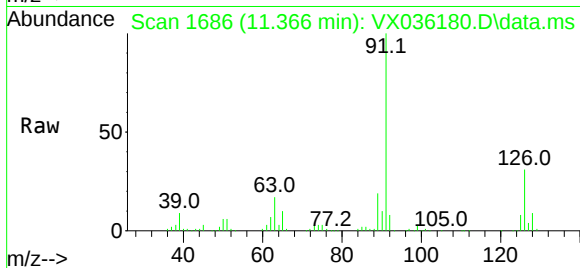
VSTDIC020

Tgt Ion: 91 Resp: 156156

Ion Ratio Lower Upper

91 100

126 30.7 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 21.441 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX036180.D

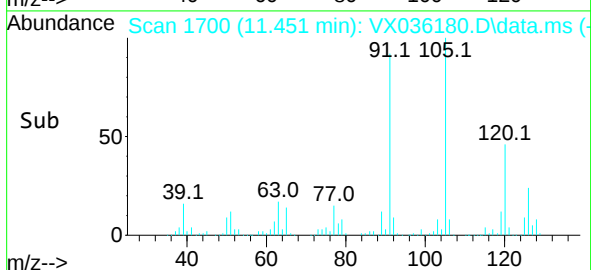
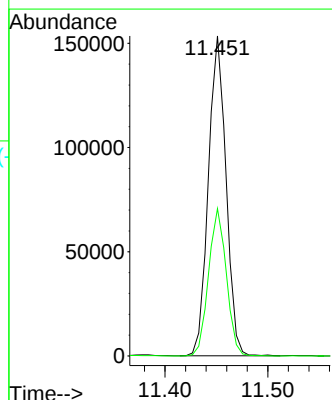
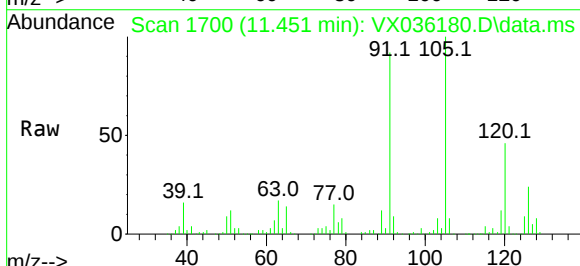
Acq: 16 Jun 2023 13:14

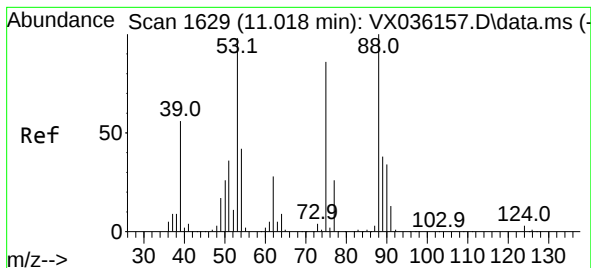
Tgt Ion:105 Resp: 183315

Ion Ratio Lower Upper

105 100

120 46.4 24.1 72.3

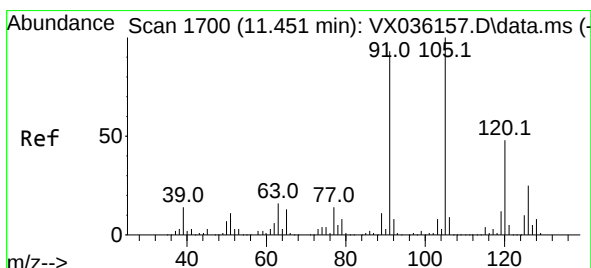
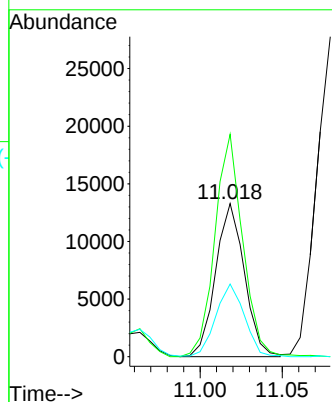
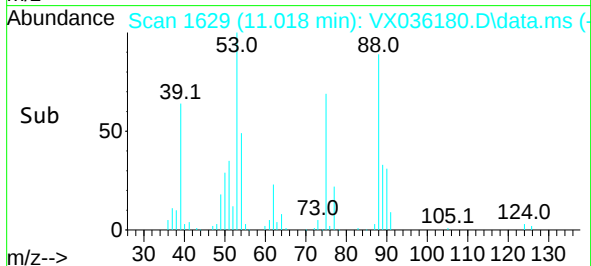
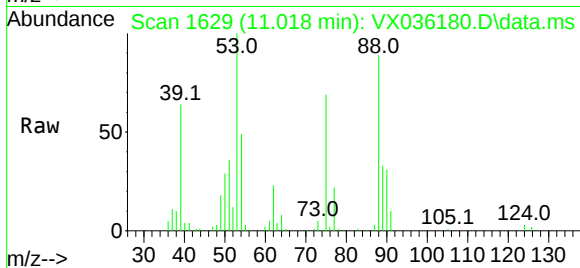




#81
trans-1,4-Dichloro-2-butene
Concen: 19.333 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

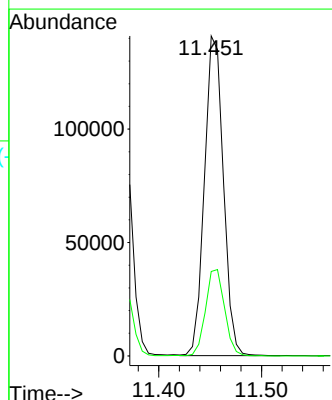
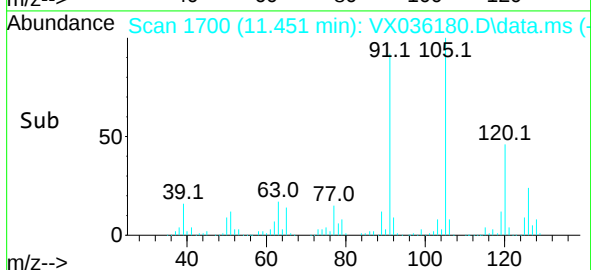
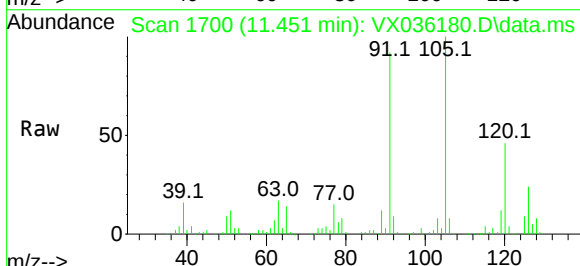
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

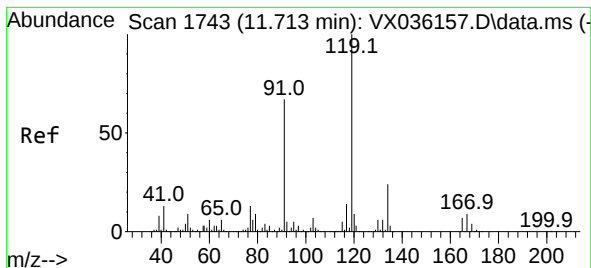
Tgt Ion: 75 Resp: 16174
Ion Ratio Lower Upper
75 100
53 140.5 90.5 135.7#
89 47.2 36.9 55.3



#82
4-Chlorotoluene
Concen: 20.863 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Tgt Ion: 91 Resp: 180593
Ion Ratio Lower Upper
91 100
126 27.3 14.2 42.6





#83

tert-Butylbenzene

Concen: 21.184 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

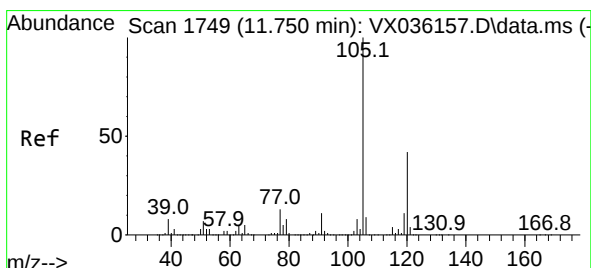
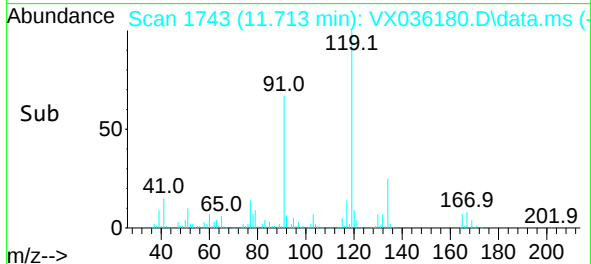
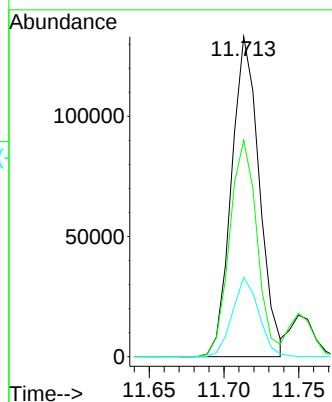
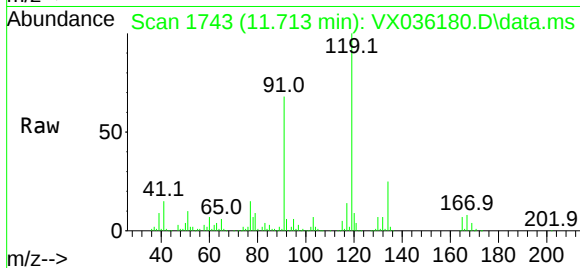
Tgt Ion:119 Resp: 172185

Ion Ratio Lower Upper

119 100

91 66.8 31.2 93.6

134 23.6 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 21.450 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX036180.D

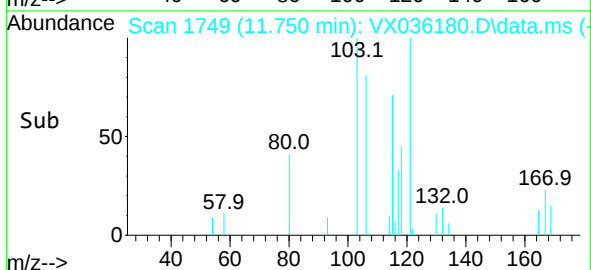
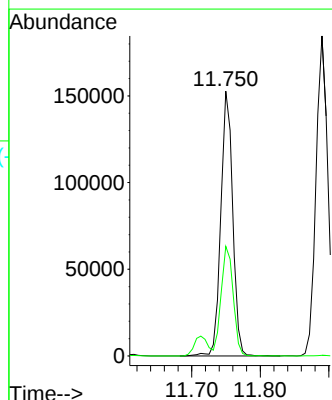
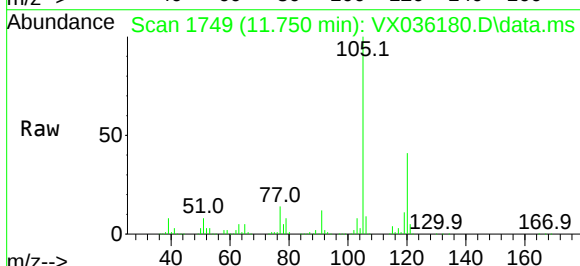
Acq: 16 Jun 2023 13:14

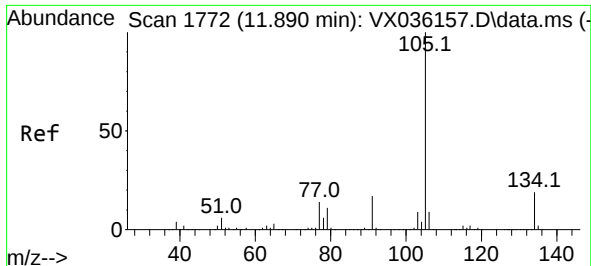
Tgt Ion:105 Resp: 182927

Ion Ratio Lower Upper

105 100

120 41.9 21.2 63.6

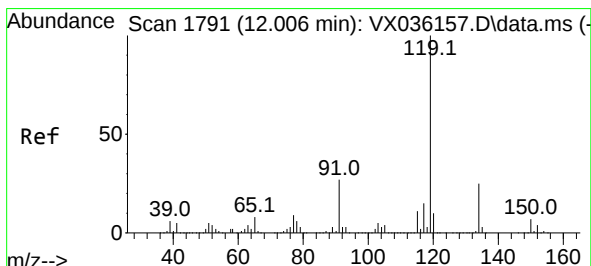
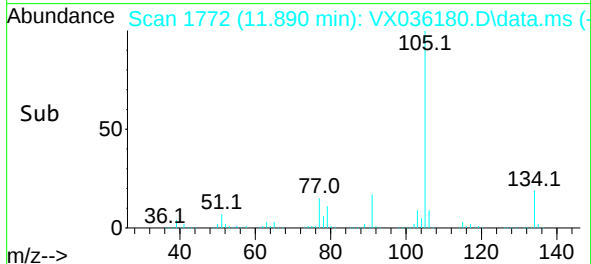
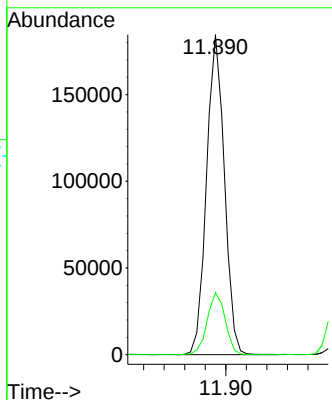
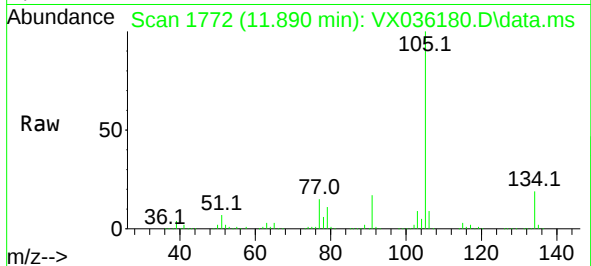




#85
sec-Butylbenzene
Concen: 21.994 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

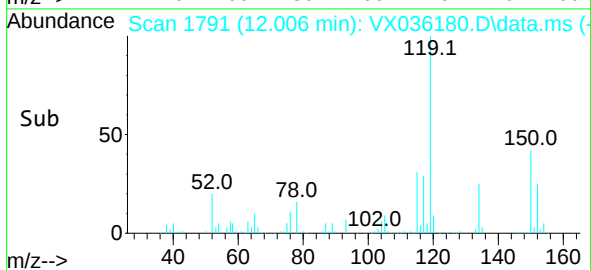
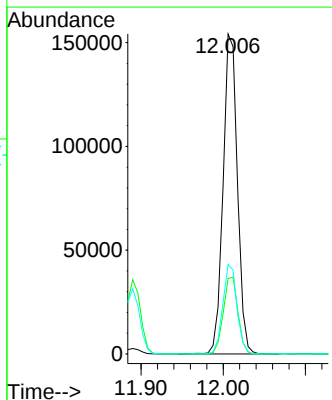
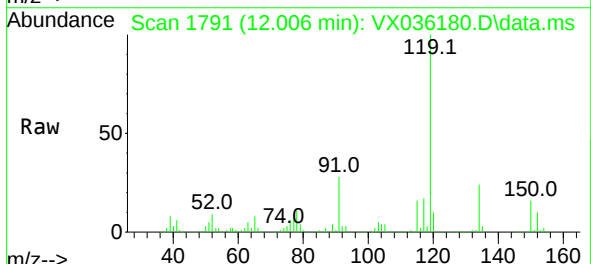
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

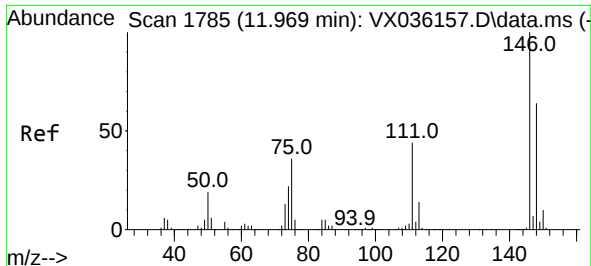
Tgt Ion:105 Resp: 222592
Ion Ratio Lower Upper
105 100
134 19.5 9.8 29.4



#86
p-Isopropyltoluene
Concen: 21.928 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Tgt Ion:119 Resp: 186715
Ion Ratio Lower Upper
119 100
134 24.6 12.8 38.3
91 27.7 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 20.486 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

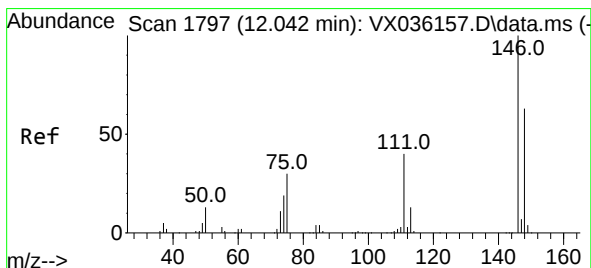
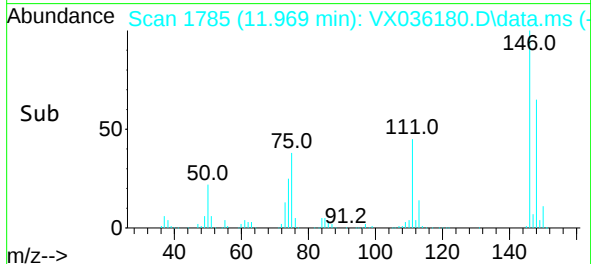
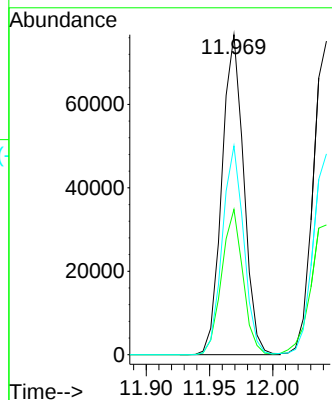
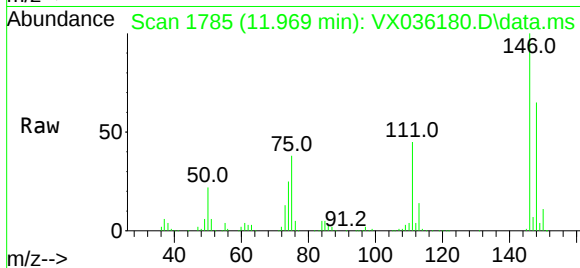
Tgt Ion:146 Resp: 91907

Ion Ratio Lower Upper

146 100

111 44.4 22.1 66.1

148 63.9 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 20.493 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

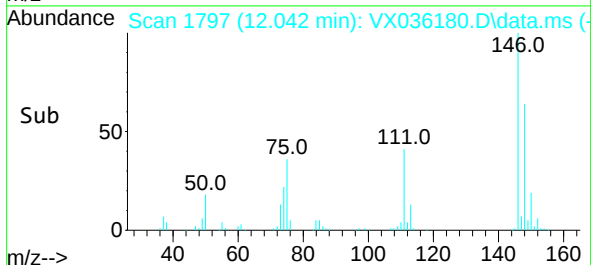
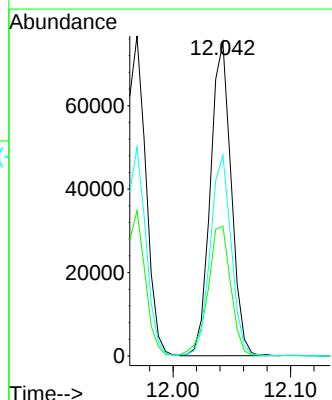
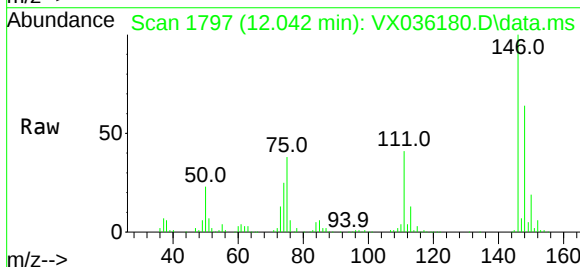
Tgt Ion:146 Resp: 92754

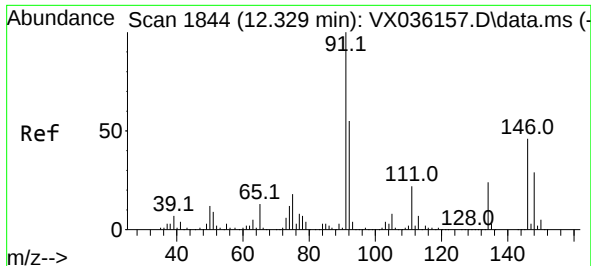
Ion Ratio Lower Upper

146 100

111 45.5 21.3 63.7

148 64.9 31.8 95.4





#89

n-Butylbenzene

Concen: 21.927 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

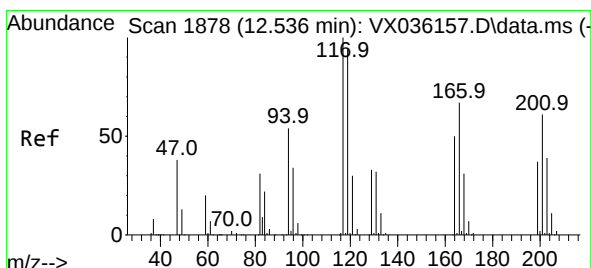
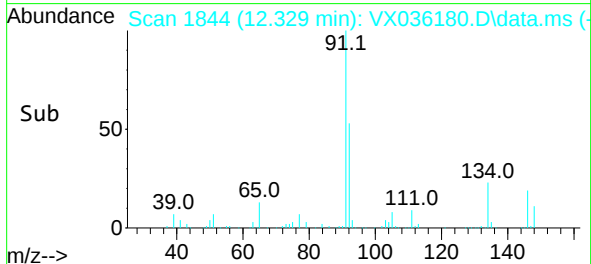
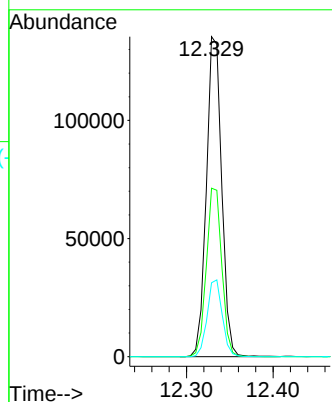
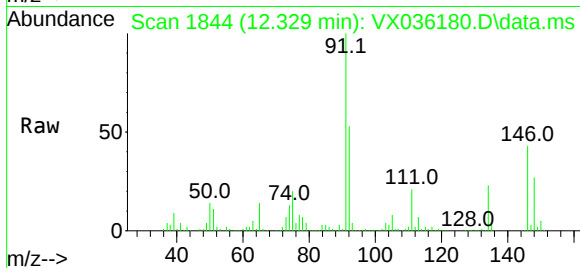
Tgt Ion: 91 Resp: 166627

Ion Ratio Lower Upper

91 100

92 53.0 27.4 82.0

134 23.6 12.6 37.8



#90

Hexachloroethane

Concen: 19.211 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX036180.D

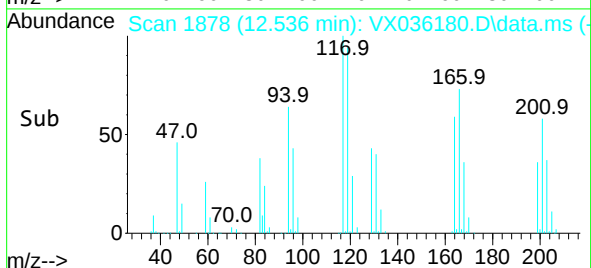
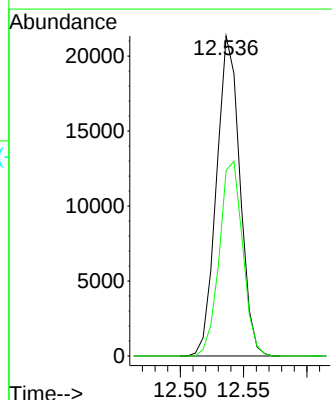
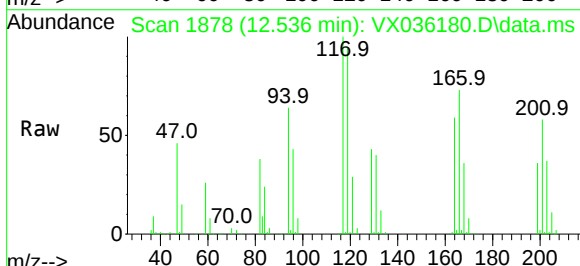
Acq: 16 Jun 2023 13:14

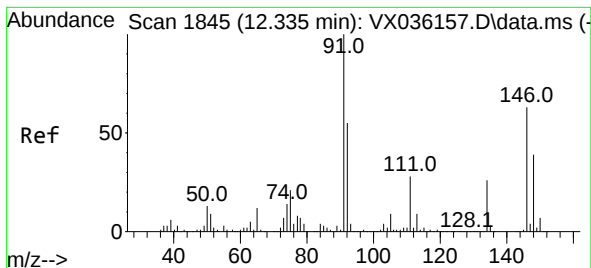
Tgt Ion: 117 Resp: 27338

Ion Ratio Lower Upper

117 100

201 61.0 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 20.280 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

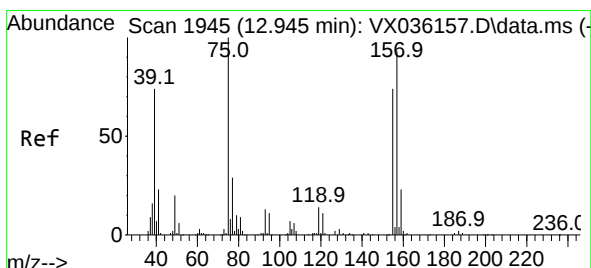
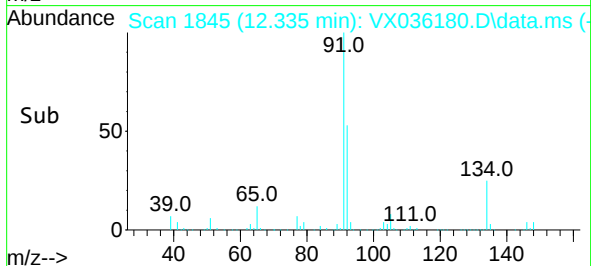
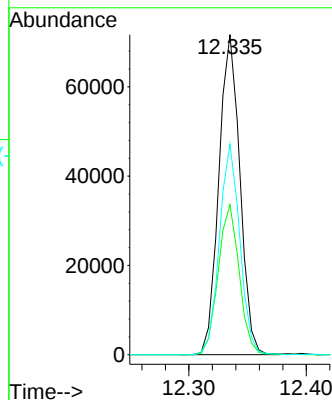
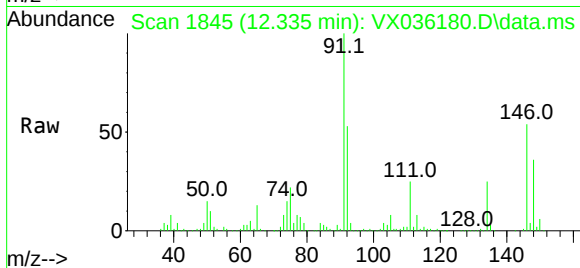
Tgt Ion:146 Resp: 89293

Ion Ratio Lower Upper

146 100

111 46.7 22.4 67.0

148 63.8 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.490 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

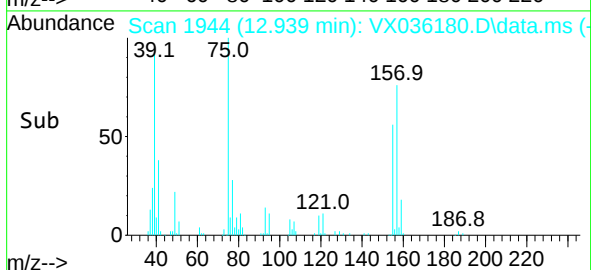
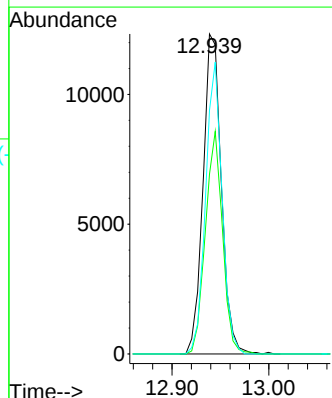
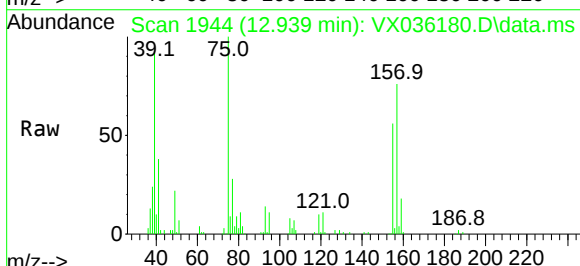
Tgt Ion: 75 Resp: 16296

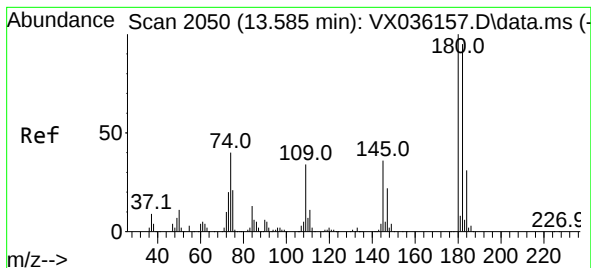
Ion Ratio Lower Upper

75 100

155 65.0 36.1 108.5

157 82.2 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 21.325 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

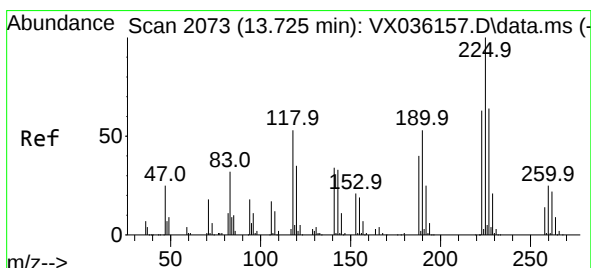
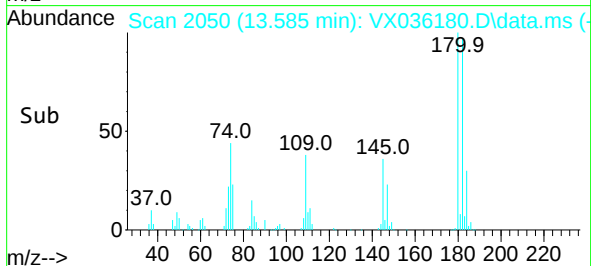
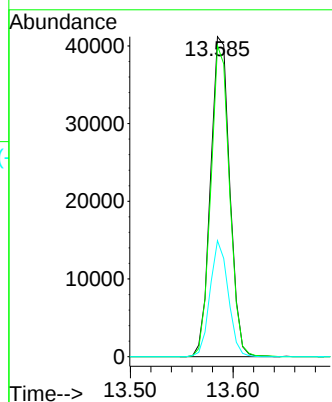
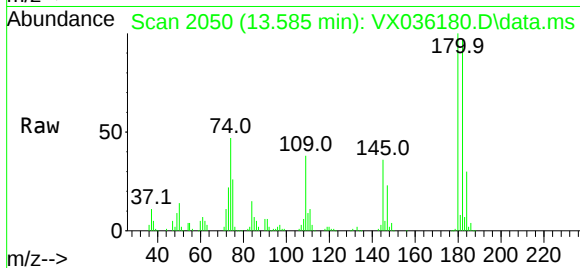
Tgt Ion:180 Resp: 53225

Ion Ratio Lower Upper

180 100

182 95.1 48.3 144.8

145 34.4 18.0 54.0



#94

Hexachlorobutadiene

Concen: 21.689 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

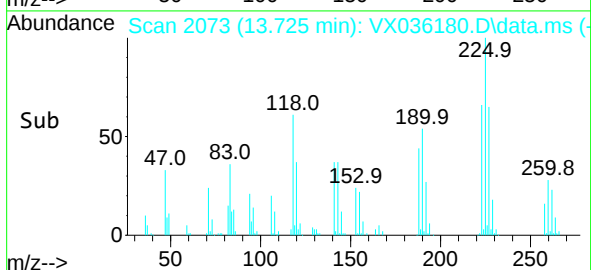
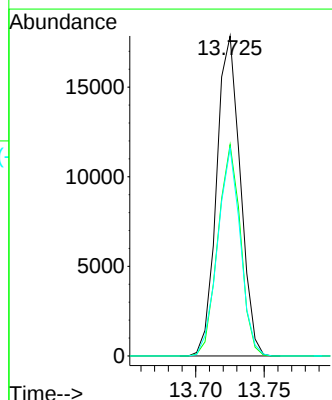
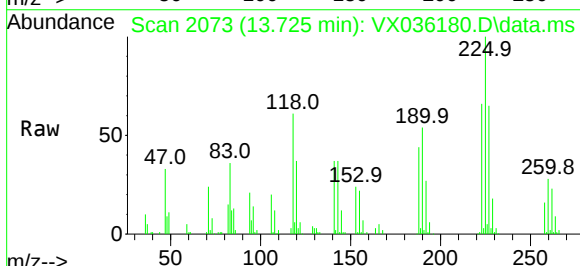
Tgt Ion:225 Resp: 21400

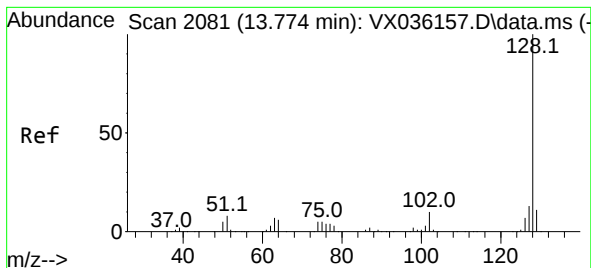
Ion Ratio Lower Upper

225 100

223 63.0 31.1 93.2

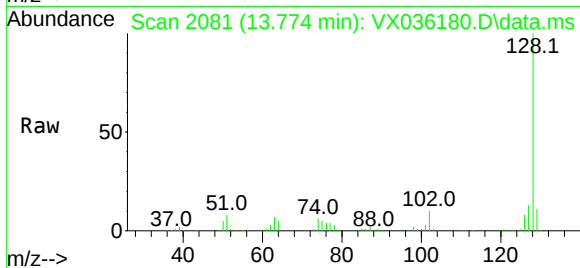
227 62.3 32.5 97.5



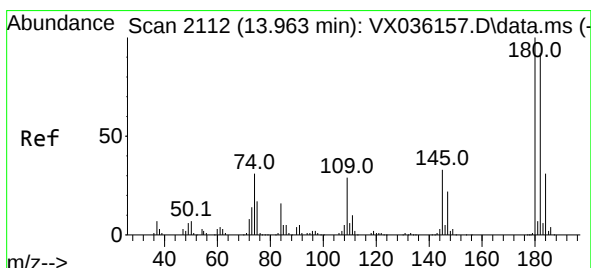
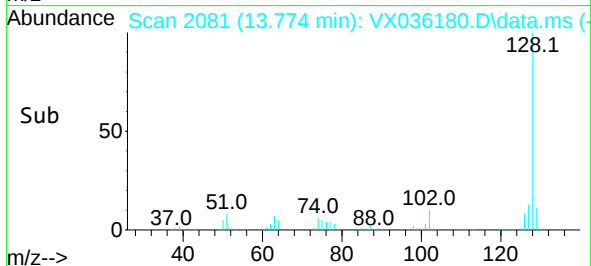
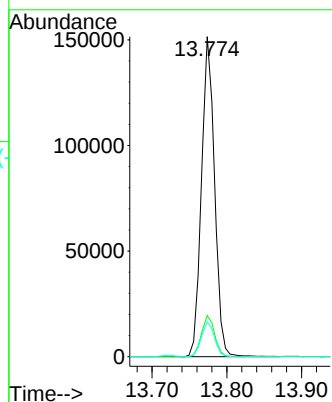


#95
Naphthalene
Concen: 21.396 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:128 Resp: 184202
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 21.279 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Tgt Ion:180 Resp: 53258
Ion Ratio Lower Upper
180 100
182 94.7 46.9 140.6
145 36.4 17.8 53.5

