

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052623\
 Data File : VX035888.D
 Acq On : 26 May 2023 17:04
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: May 29 07:22:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052623W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 29 07:19:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	191595	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	335639	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	299866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67035	19.689	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	39.380%#
35) Dibromofluoromethane	5.385	113	45523	19.745	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	39.500%#
50) Toluene-d8	8.647	98	166127	19.634	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	39.260%#
62) 4-Bromofluorobenzene	11.079	95	64365	19.308	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	38.620%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	49528	19.438	ug/l	96
3) Chloromethane	1.294	50	50349	19.165	ug/l	99
4) Vinyl Chloride	1.374	62	47366	18.769	ug/l	100
5) Bromomethane	1.611	94	27549	18.216	ug/l	96
6) Chloroethane	1.685	64	27379	19.417	ug/l	97
7) Trichlorofluoromethane	1.886	101	73002	19.277	ug/l	99
8) Diethyl Ether	2.130	74	26854	19.310	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	42279	18.835	ug/l	99
10) Methyl Iodide	2.453	142	41595	18.267	ug/l	99
11) Tert butyl alcohol	2.995	59	51071	86.179	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	39004	18.539	ug/l	99
13) Acrolein	2.239	56	53750	91.417	ug/l	100
14) Allyl chloride	2.666	41	77542	18.656	ug/l	99
15) Acrylonitrile	3.068	53	130135	95.953	ug/l	100
16) Acetone	2.386	43	130657	95.054	ug/l	98
17) Carbon Disulfide	2.514	76	86340	17.718	ug/l	98
18) Methyl Acetate	2.703	43	101439	19.113	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	156080	19.241	ug/l	97
20) Methylene Chloride	2.788	84	52413	20.417	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	43604	18.800	ug/l	94
22) Diisopropyl ether	3.757	45	160784	19.264	ug/l	98
23) Vinyl Acetate	3.721	43	571789	98.345	ug/l	99
24) 1,1-Dichloroethane	3.611	63	88317	19.174	ug/l	99
25) 2-Butanone	4.562	43	194330	97.738	ug/l	100
26) 2,2-Dichloropropane	4.477	77	64334	18.113	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	50649	18.774	ug/l	100
28) Bromochloromethane	4.903	49	42198	18.906	ug/l	99
29) Tetrahydrofuran	5.007	42	125274	97.387	ug/l	99
30) Chloroform	5.092	83	89596	18.961	ug/l	98
31) Cyclohexane	5.464	56	76401	18.893	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	77982	19.099	ug/l	99
36) 1,1-Dichloropropene	5.696	75	65800	18.796	ug/l	99
37) Ethyl Acetate	4.714	43	72424	19.111	ug/l	99
38) Carbon Tetrachloride	5.678	117	61463	18.627	ug/l	97
39) Methylcyclohexane	7.379	83	76815	19.230	ug/l	97
40) Benzene	6.037	78	185445	18.912	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	40828	18.925	ug/l	98
42) 1,2-Dichloroethane	6.086	62	81443	19.664	ug/l	100
43) Isopropyl Acetate	6.342	43	116392	19.166	ug/l	100
44) Trichloroethene	7.123	130	46229	18.926	ug/l	99
45) 1,2-Dichloropropane	7.427	63	49235	19.041	ug/l	98
46) Dibromomethane	7.580	93	33821	19.049	ug/l	98
47) Bromodichloromethane	7.824	83	61867	18.694	ug/l	99
48) Methyl methacrylate	7.690	41	59432	19.065	ug/l	99
49) 1,4-Dioxane	7.696	88	24741	371.905	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	376830	99.681	ug/l	99
52) Toluene	8.720	92	118269	19.205	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	64485	18.869	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	70585	18.922	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	48113	19.707	ug/l	98
56) Ethyl methacrylate	9.116	69	73863	19.215	ug/l	98
57) 1,3-Dichloropropane	9.311	76	85527	19.313	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	187542	92.211	ug/l	99
59) 2-Hexanone	9.433	43	288322	100.906	ug/l	98
60) Dibromochloromethane	9.518	129	42325	18.947	ug/l	99
61) 1,2-Dibromoethane	9.610	107	49431	19.227	ug/l	99
64) Tetrachloroethene	9.275	164	38208	18.824	ug/l	98
65) Chlorobenzene	10.079	112	120459	18.870	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	41612	18.999	ug/l	98
67) Ethyl Benzene	10.195	91	226814	19.150	ug/l	99
68) m/p-Xylenes	10.299	106	170830	38.983	ug/l	100
69) o-Xylene	10.640	106	83983	19.291	ug/l	99
70) Styrene	10.652	104	137700	19.254	ug/l	99
71) Bromoform	10.799	173	24974	17.636	ug/l #	97
73) Isopropylbenzene	10.963	105	219583	19.115	ug/l	99
74) N-amyl acetate	10.841	43	99084	19.832	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	74527	19.848	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	80308	22.720	ug/l	83
77) Bromobenzene	11.201	156	49037	18.925	ug/l	95
78) n-propylbenzene	11.305	91	261379	19.522	ug/l	100
79) 2-Chlorotoluene	11.366	91	162665	19.164	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	191381	19.554	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	15799	19.213	ug/l	85
82) 4-Chlorotoluene	11.451	91	186350	19.293	ug/l	99
83) tert-Butylbenzene	11.713	119	179882	19.146	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	191720	19.560	ug/l	100
85) sec-Butylbenzene	11.890	105	229596	19.554	ug/l	99
86) p-Isopropyltoluene	12.006	119	189746	19.326	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	93645	18.935	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	96186	18.866	ug/l	99
89) n-Butylbenzene	12.335	91	166981	19.349	ug/l	100
90) Hexachloroethane	12.536	117	26424	18.604	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	94755	19.398	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15243	19.399	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	54486	18.970	ug/l	97
94) Hexachlorobutadiene	13.725	225	22210	19.285	ug/l	98
95) Naphthalene	13.774	128	199447	19.987	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	54320	18.978	ug/l	97

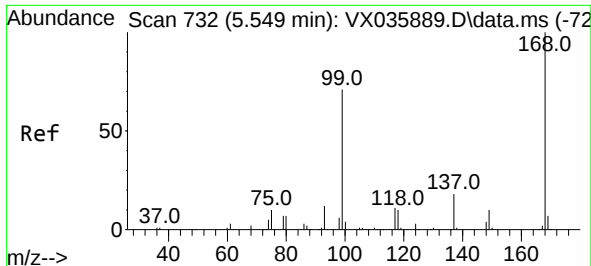
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Response via : Initial Calibration

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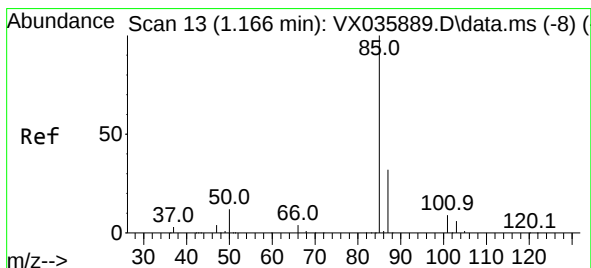
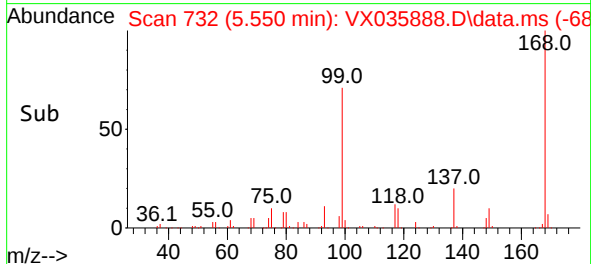
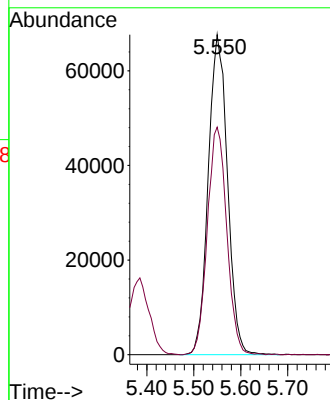
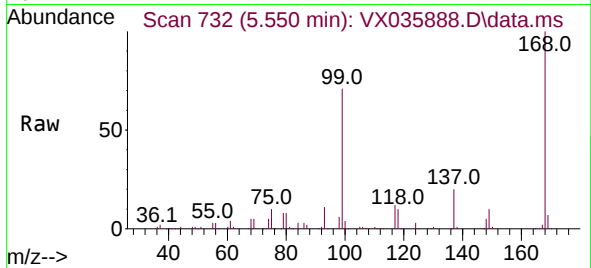
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035888.D
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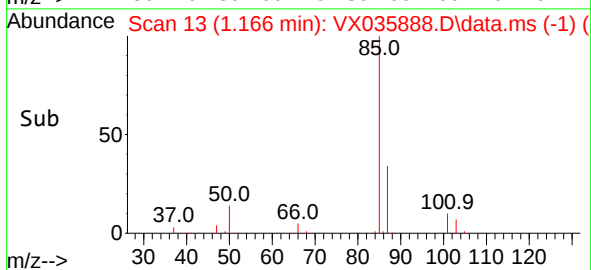
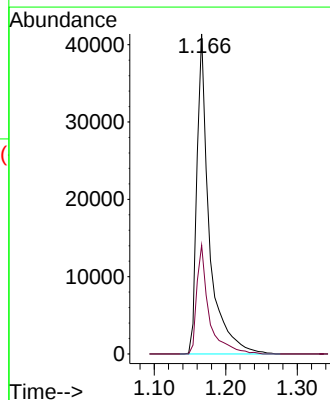
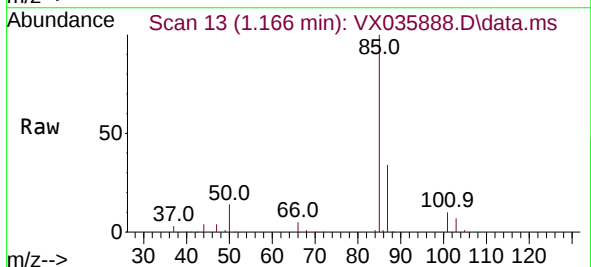
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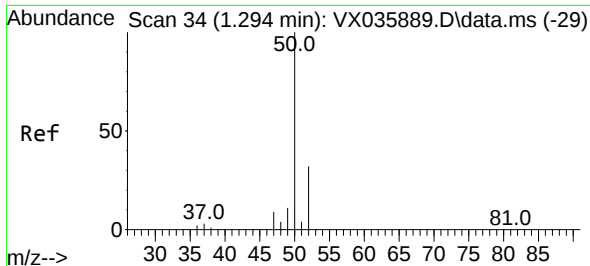
Tgt Ion:168 Resp: 191595
Ion Ratio Lower Upper
168 100
99 71.1 57.0 85.6



#2
Dichlorodifluoromethane
Concen: 19.438 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035888.D
Acq: 26 May 2023 17:04

Tgt Ion: 85 Resp: 49528
Ion Ratio Lower Upper
85 100
87 34.0 15.8 47.4

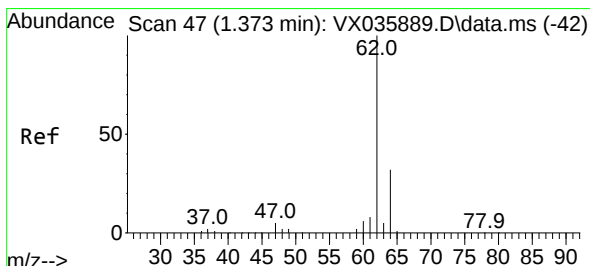
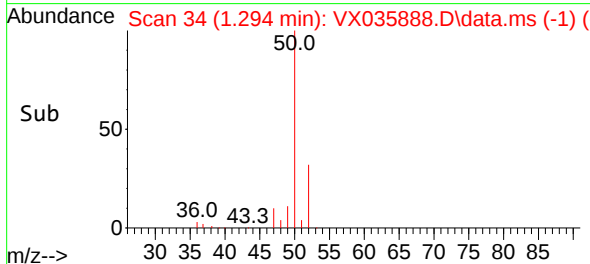
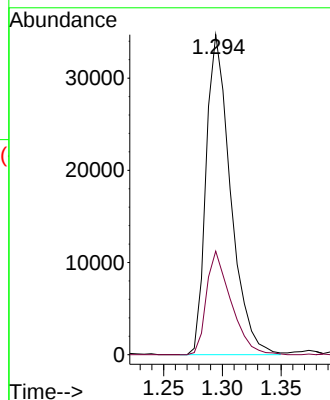
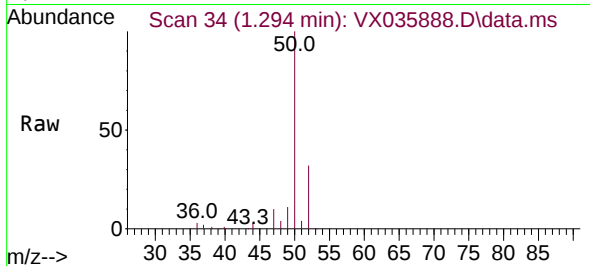




#3
Chloromethane
Concen: 19.165 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035888.D
Acq: 26 May 2023 17:04

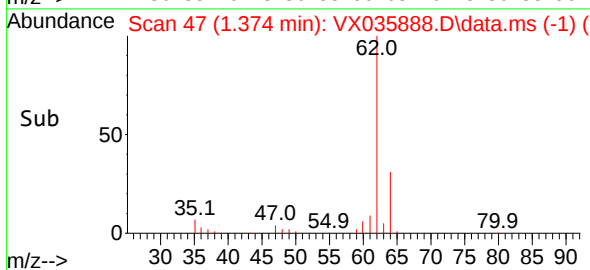
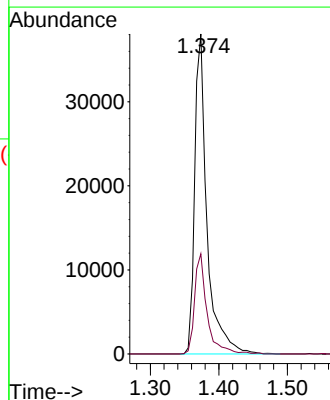
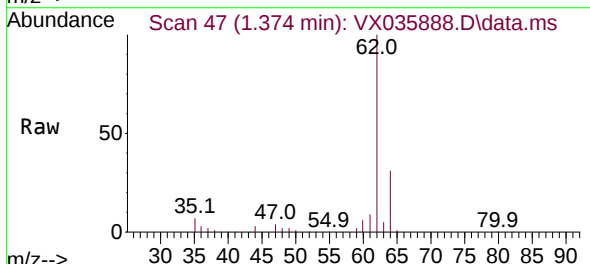
Instrument :
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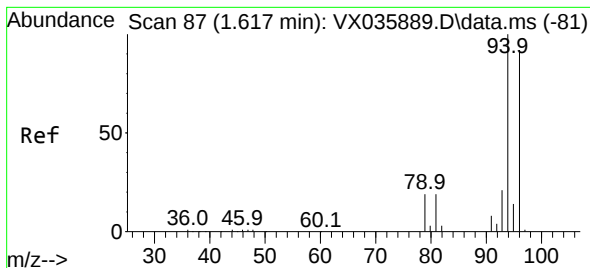
Tgt Ion: 50 Resp: 50349
Ion Ratio Lower Upper
50 100
52 32.4 25.4 38.2



#4
Vinyl Chloride
Concen: 18.769 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX035888.D
Acq: 26 May 2023 17:04

Tgt Ion: 62 Resp: 47366
Ion Ratio Lower Upper
62 100
64 31.3 25.2 37.8





#5

Bromomethane

Concen: 18.216 ug/l

RT: 1.611 min Scan# 80

Delta R.T. -0.006 min

Lab File: VX035888.D

Acq: 26 May 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

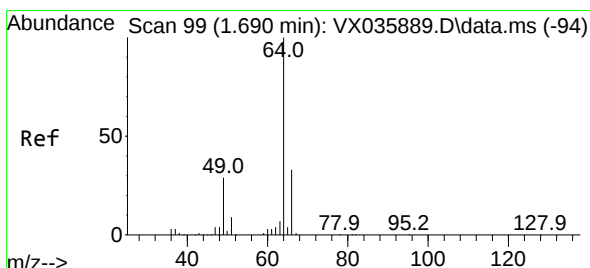
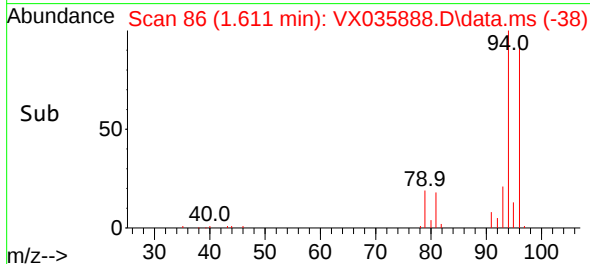
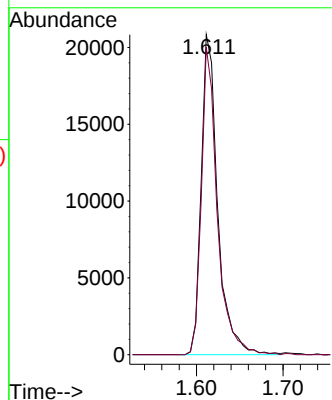
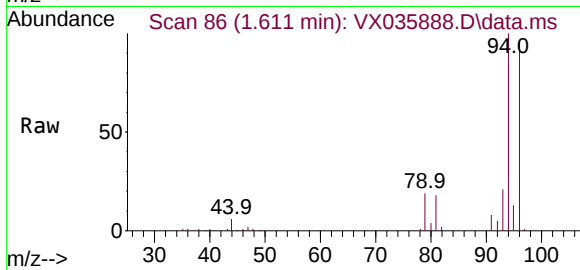
VSTDICC020

Tgt Ion: 94 Resp: 27549

Ion Ratio Lower Upper

94 100

96 96.0 73.5 110.3



#6

Chloroethane

Concen: 19.417 ug/l

RT: 1.685 min Scan# 98

Delta R.T. -0.006 min

Lab File: VX035888.D

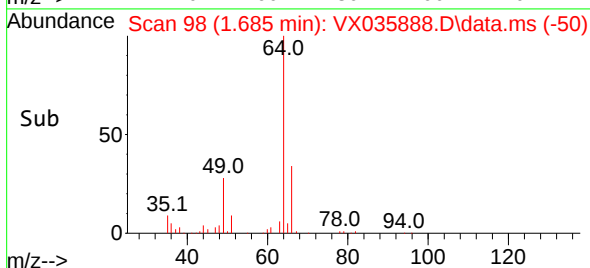
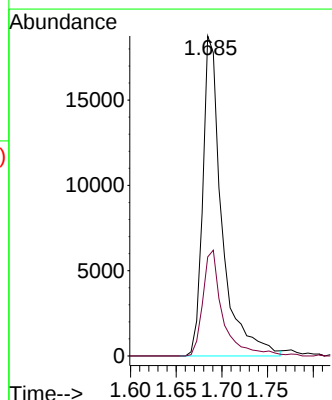
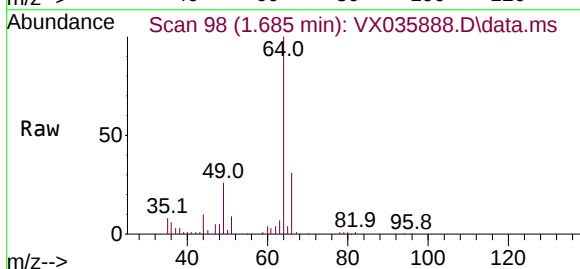
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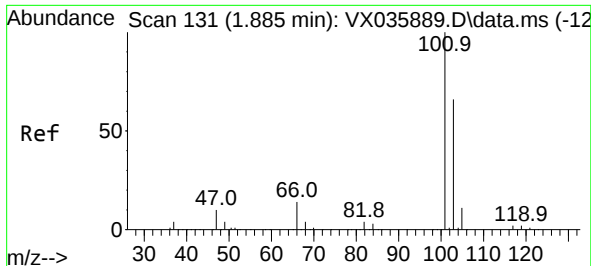
Tgt Ion: 64 Resp: 27379

Ion Ratio Lower Upper

64 100

66 30.9 26.0 39.0

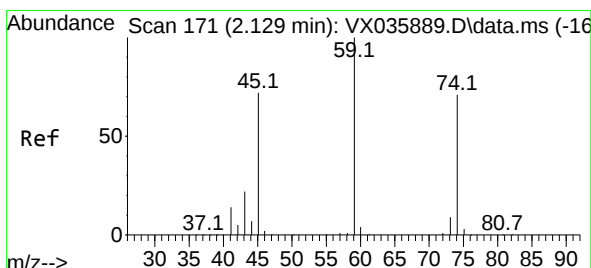
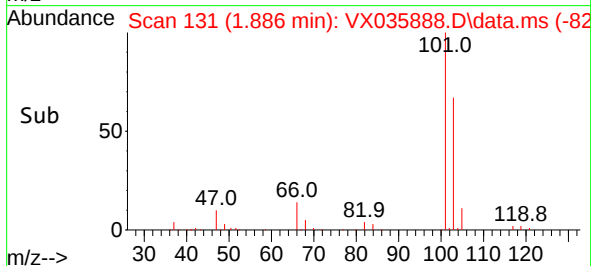
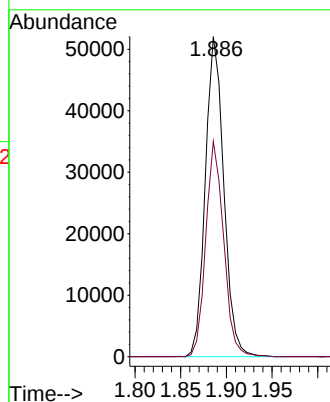
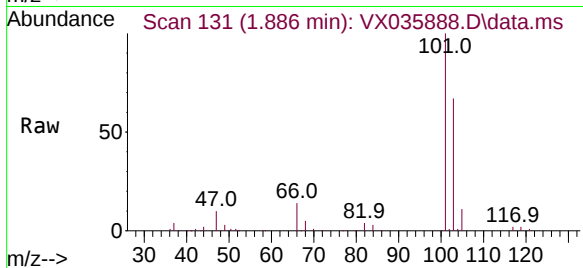




#7
Trichlorofluoromethane
Concen: 19.277 ug/l
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX035888.D
Acq: 26 May 2023 17:04

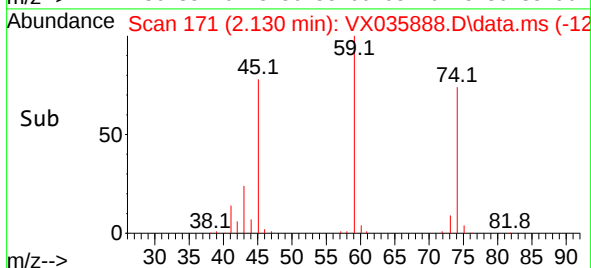
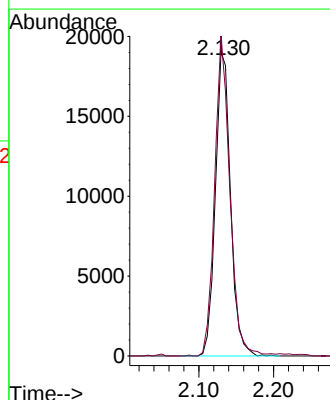
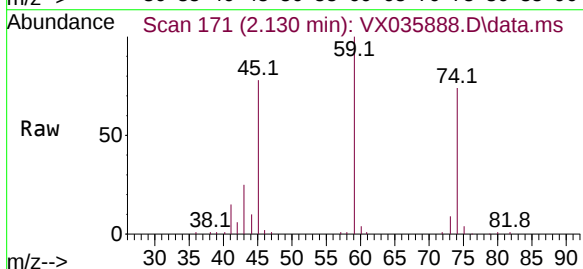
Instrument :
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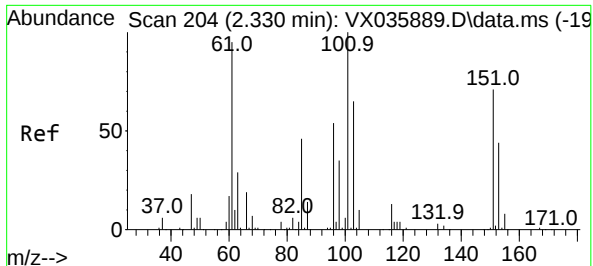
Tgt Ion:101 Resp: 73002
Ion Ratio Lower Upper
101 100
103 67.3 53.2 79.8



#8
Diethyl Ether
Concen: 19.310 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX035888.D
Acq: 26 May 2023 17:04

Tgt Ion: 74 Resp: 26854
Ion Ratio Lower Upper
74 100
45 105.3 50.6 151.9

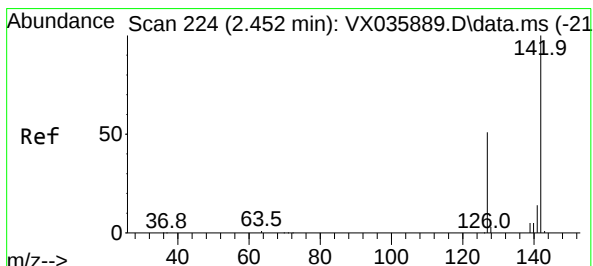
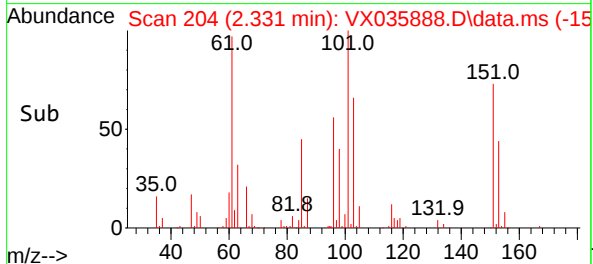
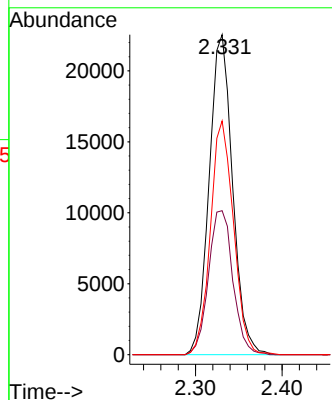
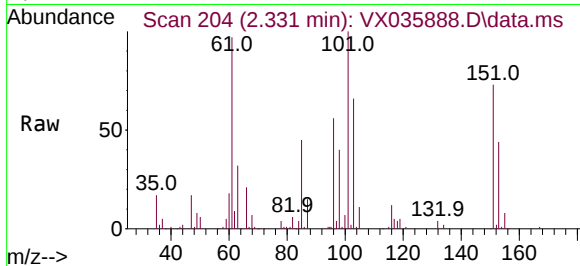




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.835 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX035888.D
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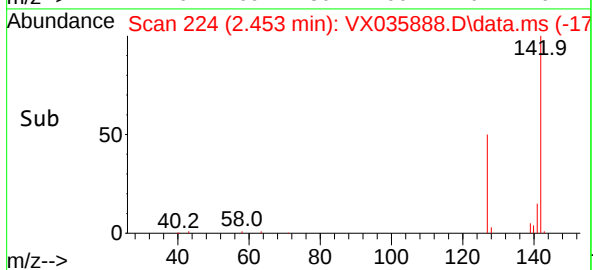
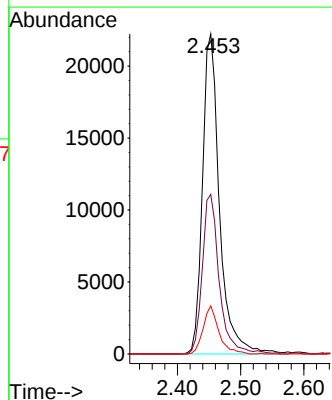
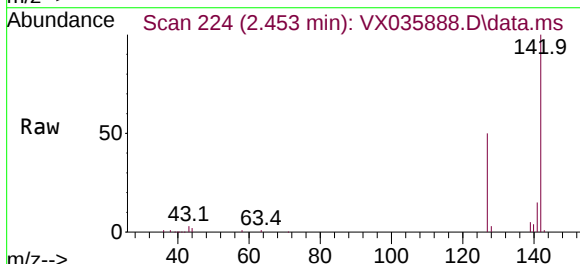
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

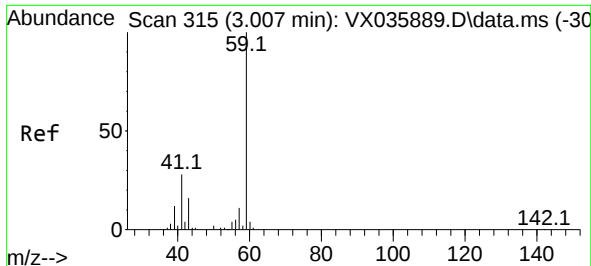
Tgt Ion:101 Resp: 42279
Ion Ratio Lower Upper
101 100
85 46.9 37.3 55.9
151 72.2 57.0 85.6



#10
Methyl Iodide
Concen: 18.267 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX035888.D
Acq: 26 May 2023 17:04

Tgt Ion:142 Resp: 41595
Ion Ratio Lower Upper
142 100
127 49.7 40.3 60.5
141 13.9 11.4 17.0

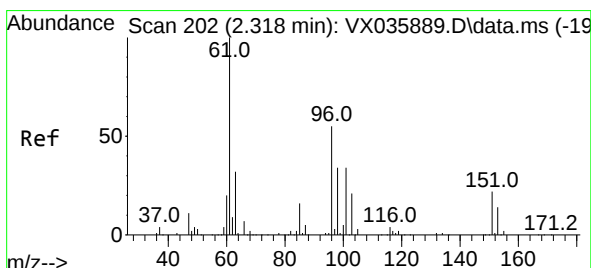
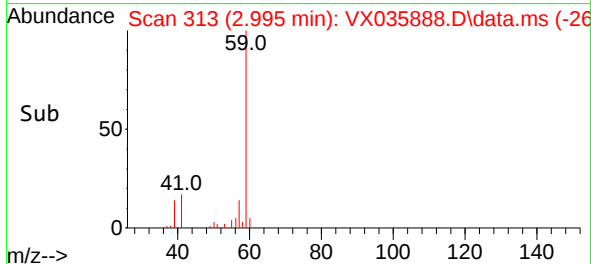
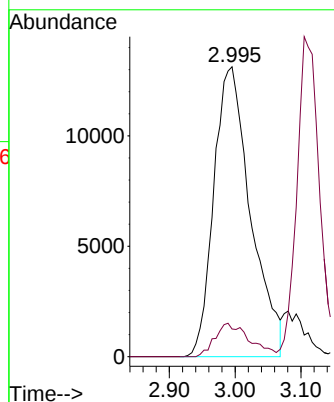
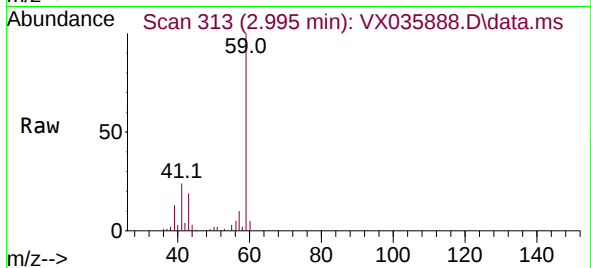




#11
Tert butyl alcohol
Concen: 86.179 ug/l
RT: 2.995 min Scan# 315
Delta R.T. -0.012 min
Lab File: VX035888.D
Acq: 26 May 2023 17:04

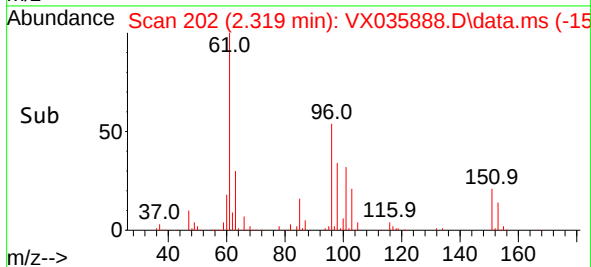
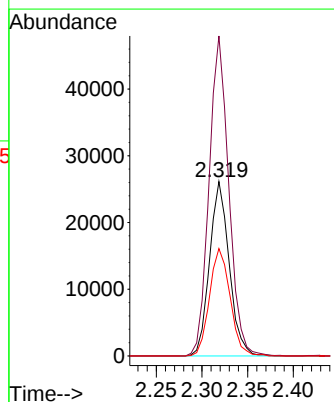
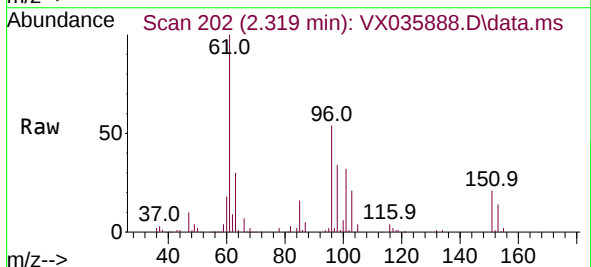
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

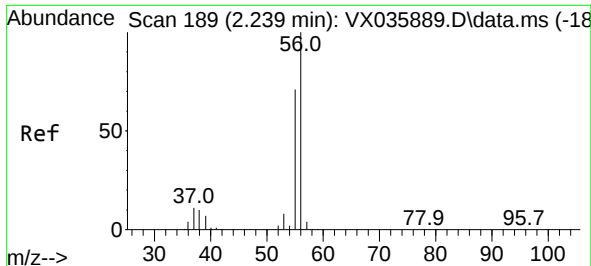
Tgt Ion: 59 Resp: 51071
Ion Ratio Lower Upper
59 100
57 10.8 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 18.539 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX035888.D
Acq: 26 May 2023 17:04

Tgt Ion: 96 Resp: 39004
Ion Ratio Lower Upper
96 100
61 183.5 145.2 217.8
98 61.6 49.3 73.9





#13

Acrolein

Concen: 91.417 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX035888.D

Acq: 26 May 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

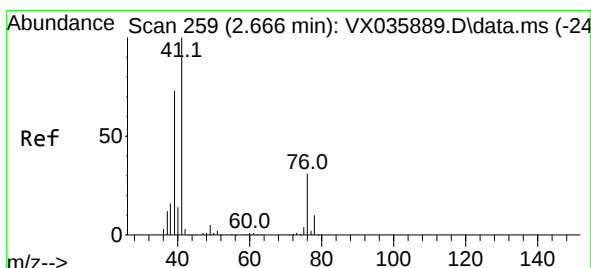
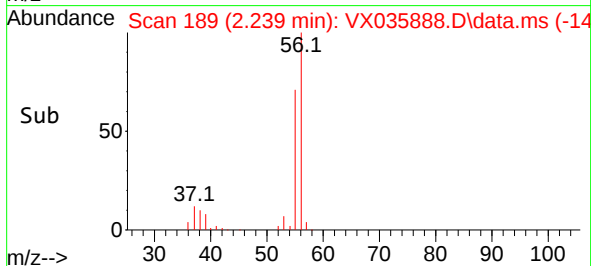
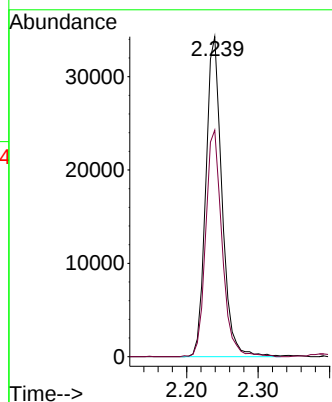
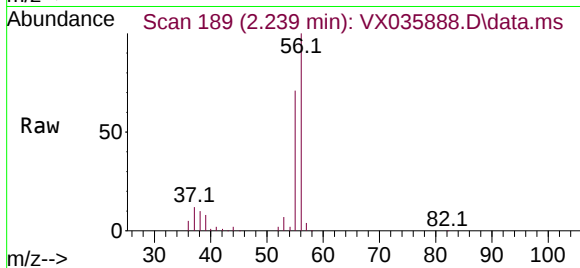
VSTDIC020

Tgt Ion: 56 Resp: 53750

Ion Ratio Lower Upper

56 100

55 71.9 57.3 85.9



#14

Allyl chloride

Concen: 18.656 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX035888.D

Acq: 26 May 2023 17:04

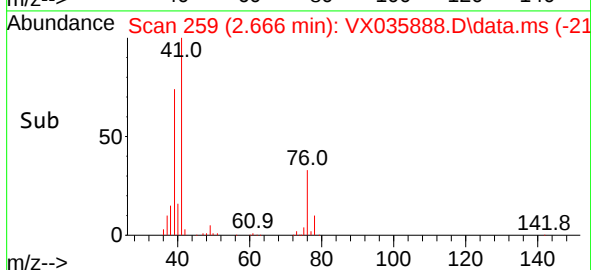
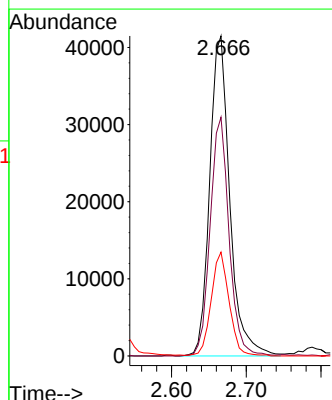
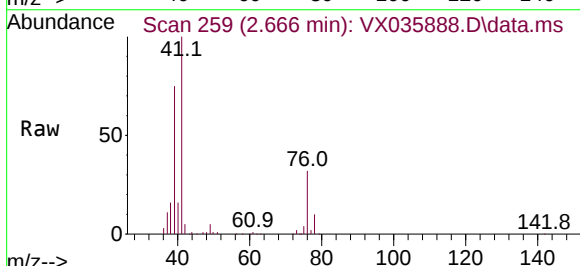
Tgt Ion: 41 Resp: 77542

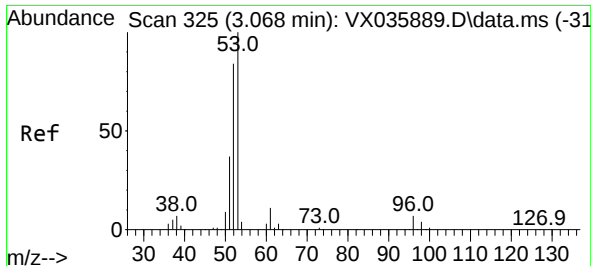
Ion Ratio Lower Upper

41 100

39 70.1 56.9 85.3

76 29.0 24.1 36.1

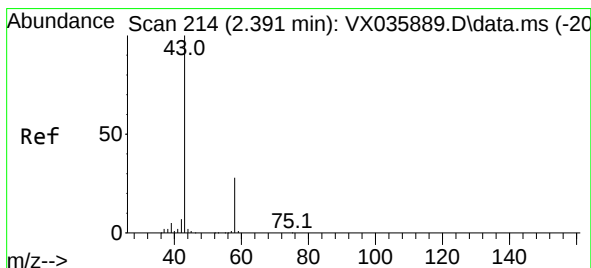
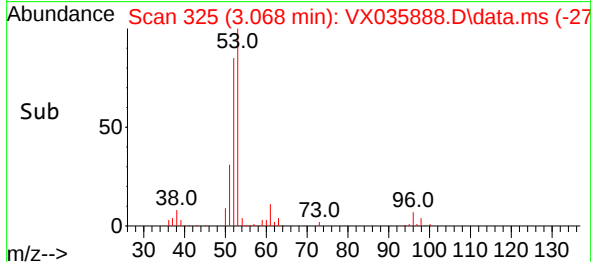
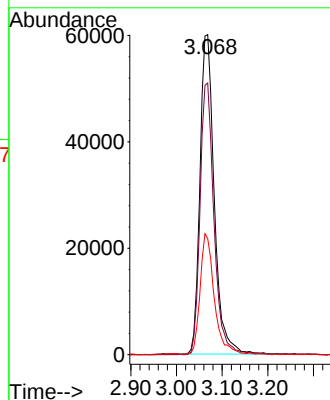
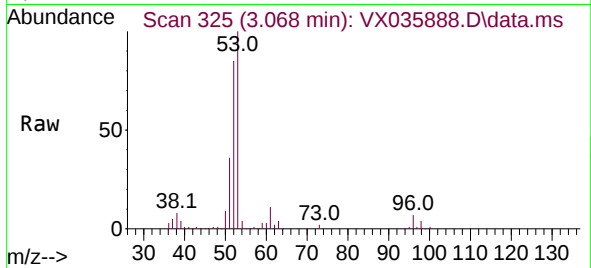




#15
Acrylonitrile
Concen: 95.953 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035888.D
Acq: 26 May 2023 17:04

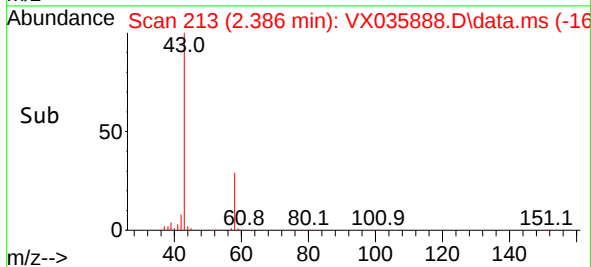
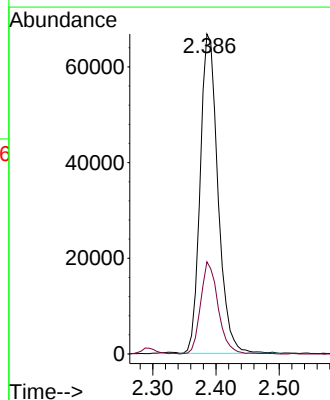
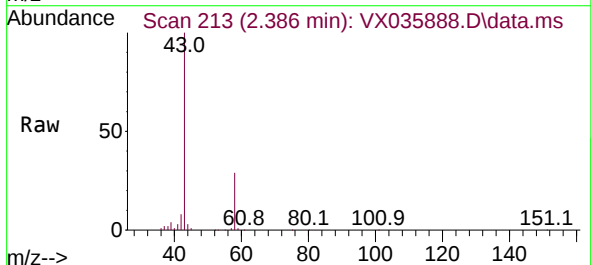
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

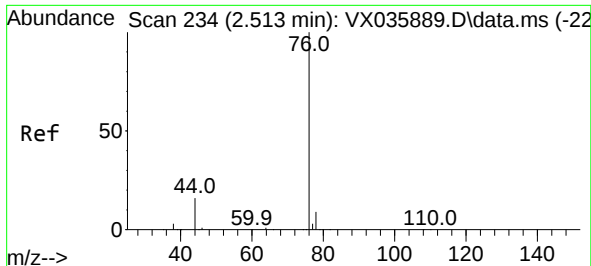
Tgt Ion: 53 Resp: 130135
Ion Ratio Lower Upper
53 100
52 83.5 67.0 100.4
51 36.9 29.8 44.8



#16
Acetone
Concen: 95.054 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX035888.D
Acq: 26 May 2023 17:04

Tgt Ion: 43 Resp: 130657
Ion Ratio Lower Upper
43 100
58 28.8 22.2 33.2

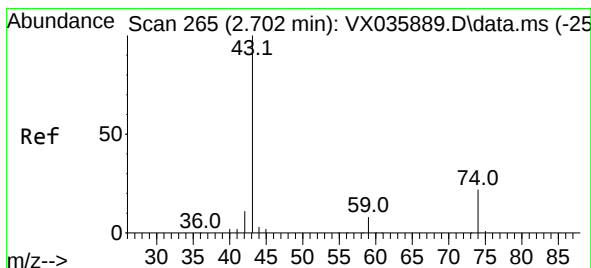
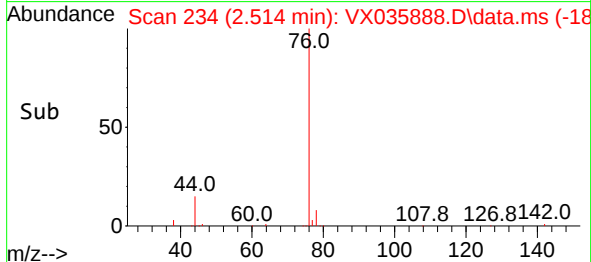
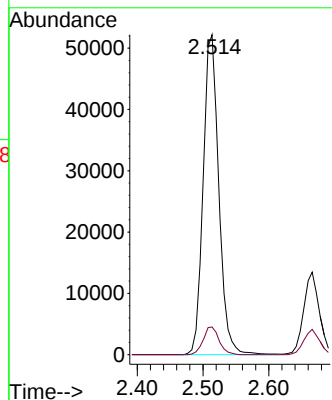
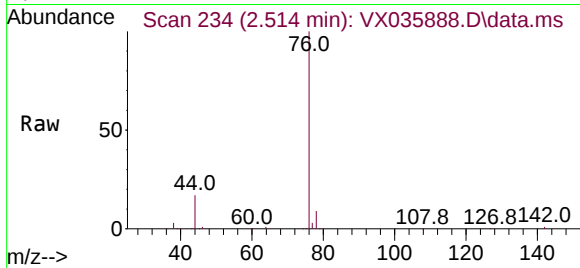




#17
Carbon Disulfide
Concen: 17.718 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX035888.D
Acq: 26 May 2023 17:04

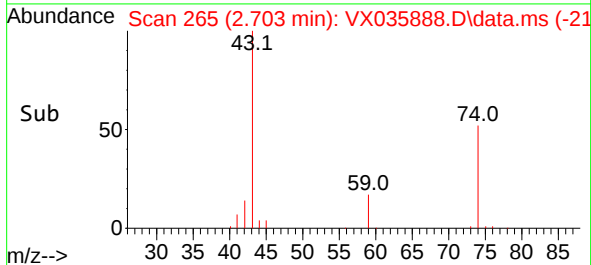
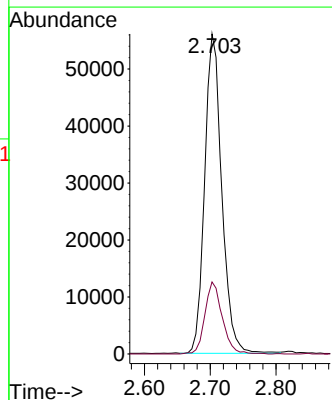
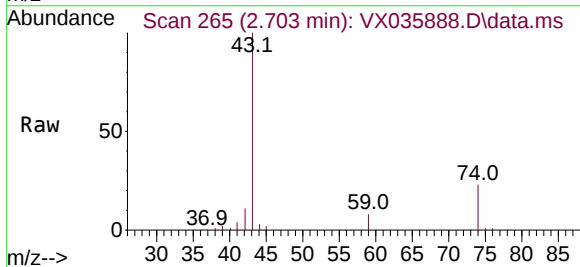
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

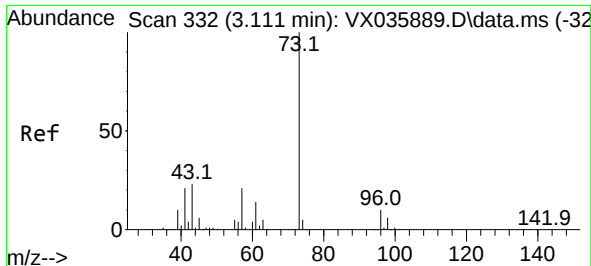
Tgt Ion: 76 Resp: 86340
Ion Ratio Lower Upper
76 100
78 8.6 7.6 11.4



#18
Methyl Acetate
Concen: 19.113 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX035888.D
Acq: 26 May 2023 17:04

Tgt Ion: 43 Resp: 101439
Ion Ratio Lower Upper
43 100
74 22.9 17.7 26.5

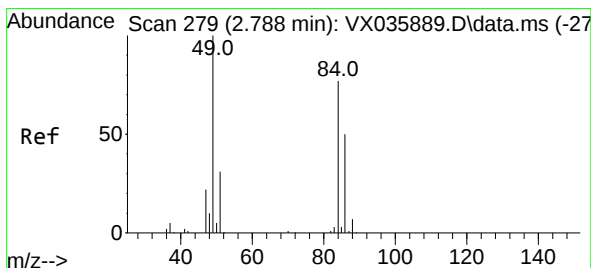
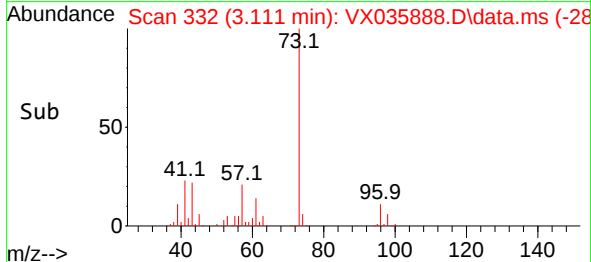
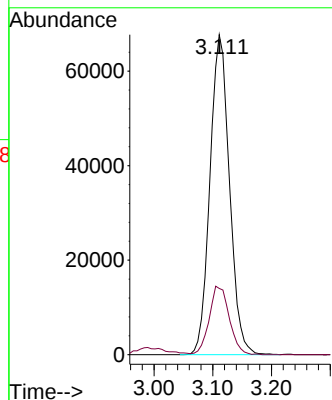
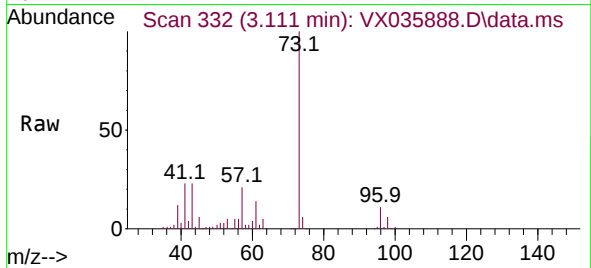




#19
Methyl tert-butyl Ether
Concen: 19.241 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035888.D
Acq: 26 May 2023 17:04

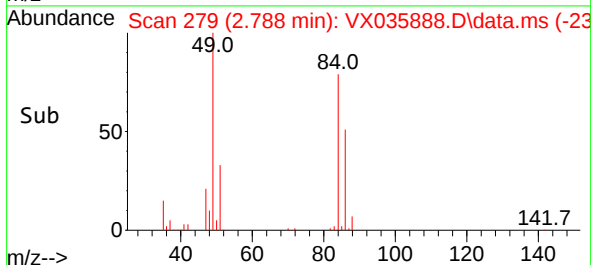
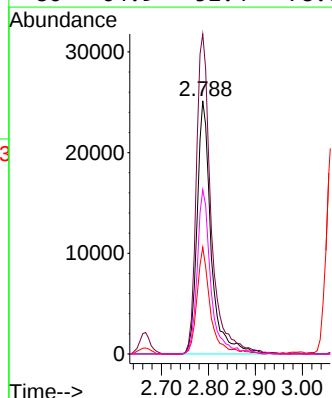
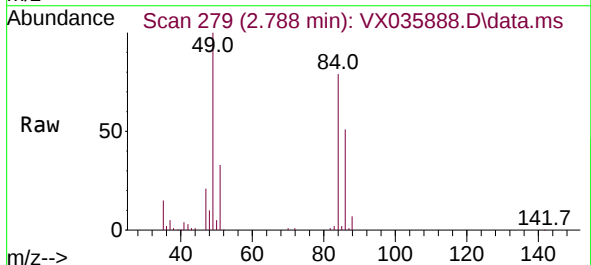
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

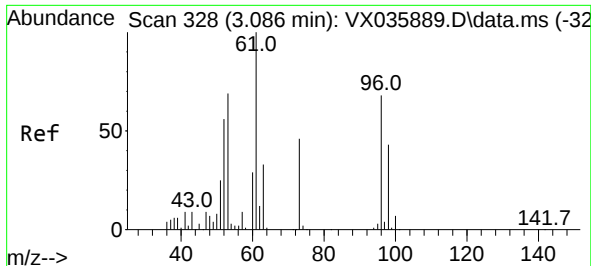
Tgt Ion: 73 Resp: 156080
Ion Ratio Lower Upper
73 100
57 20.7 17.6 26.4



#20
Methylene Chloride
Concen: 20.417 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX035888.D
Acq: 26 May 2023 17:04

Tgt Ion: 84 Resp: 52413
Ion Ratio Lower Upper
84 100
49 126.4 104.6 156.8
51 42.2 32.2 48.4
86 64.9 52.4 78.6

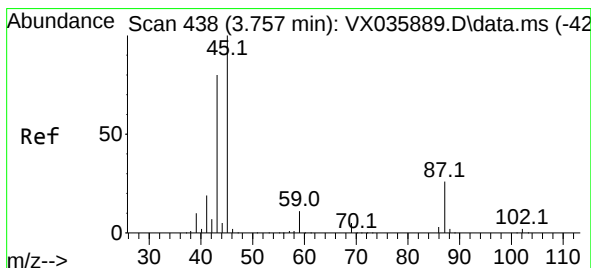
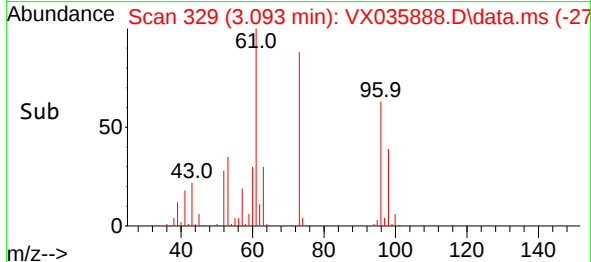
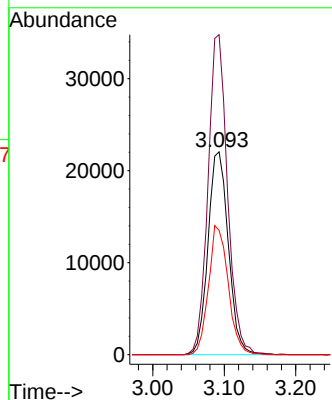
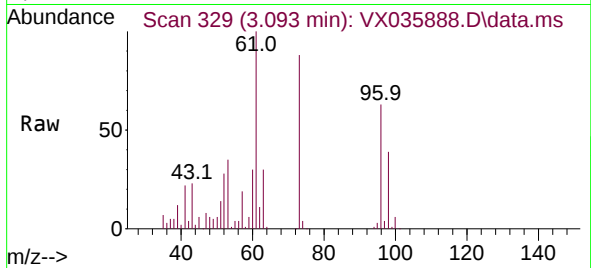




#21
trans-1,2-Dichloroethene
Concen: 18.800 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX035888.D
Acq: 26 May 2023 17:04

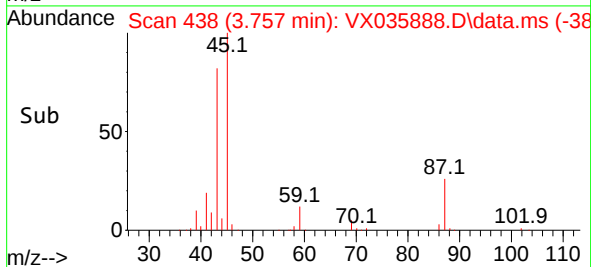
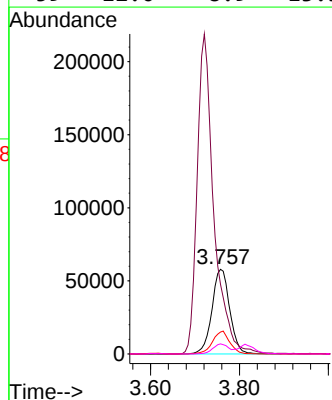
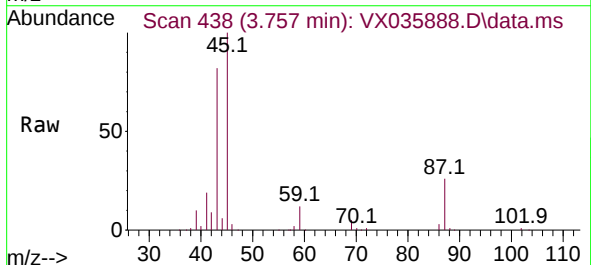
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

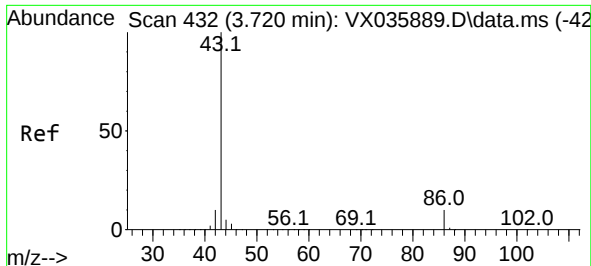
Tgt Ion: 96 Resp: 43604
Ion Ratio Lower Upper
96 100
61 157.8 118.2 177.4
98 61.3 50.6 75.8



#22
Diisopropyl ether
Concen: 19.264 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035888.D
Acq: 26 May 2023 17:04

Tgt Ion: 45 Resp: 160784
Ion Ratio Lower Upper
45 100
43 81.9 63.8 95.6
87 26.0 20.6 31.0
59 12.0 8.9 13.3

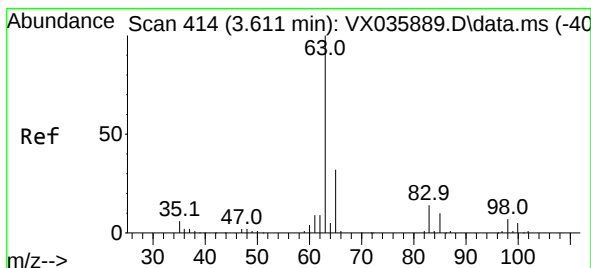
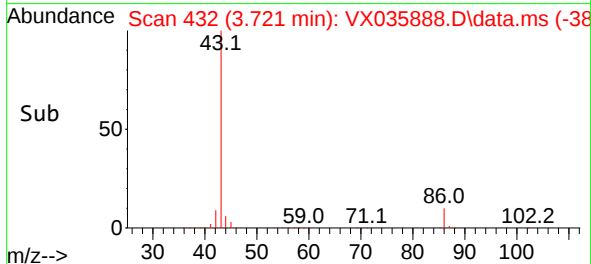
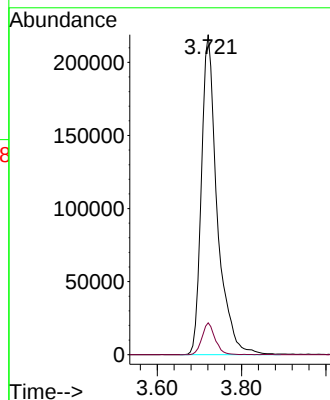
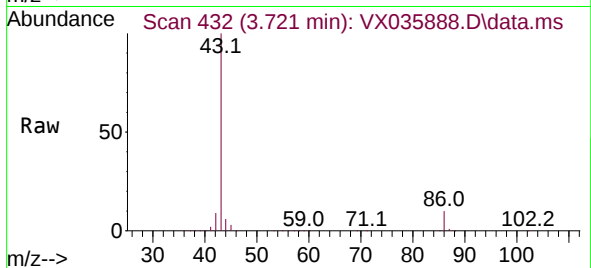




#23
 Vinyl Acetate
 Concen: 98.345 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX035888.D
 Acq: 26 May 2023 17:04

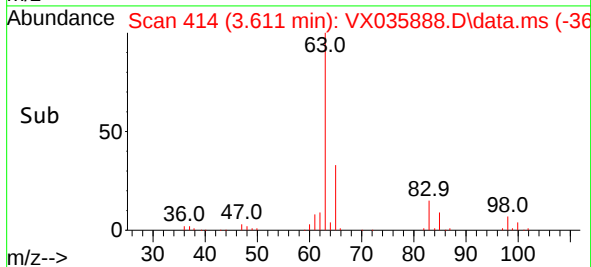
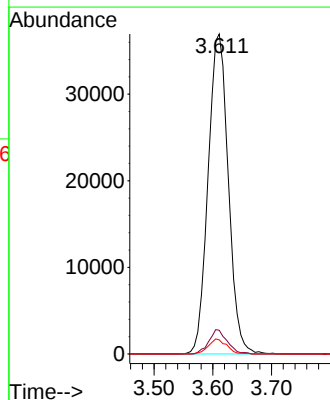
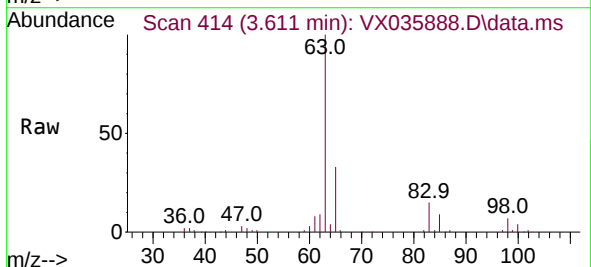
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

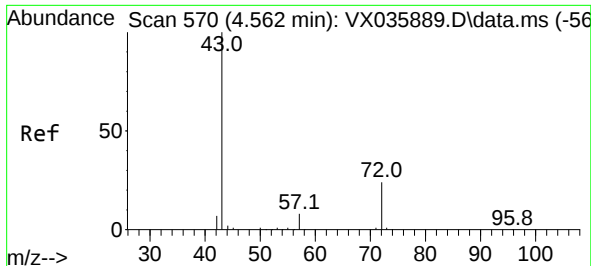
Tgt Ion: 43 Resp: 571789
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.8 11.6



#24
 1,1-Dichloroethane
 Concen: 19.174 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX035888.D
 Acq: 26 May 2023 17:04

Tgt Ion: 63 Resp: 88317
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.5
 100 4.4 2.3 6.9





#25

2-Butanone

Concen: 97.738 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX035888.D

Acq: 26 May 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

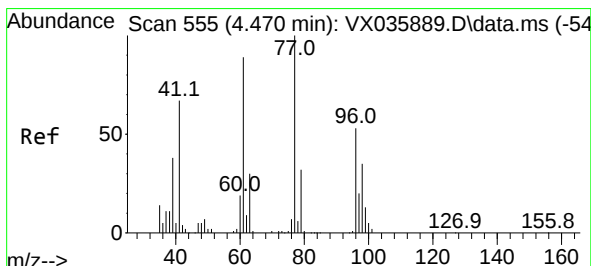
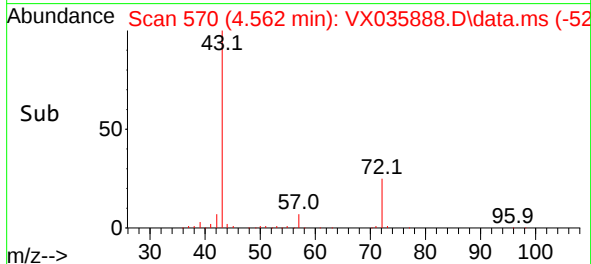
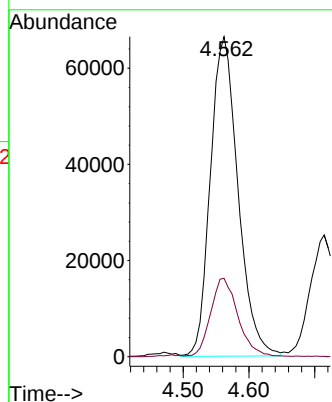
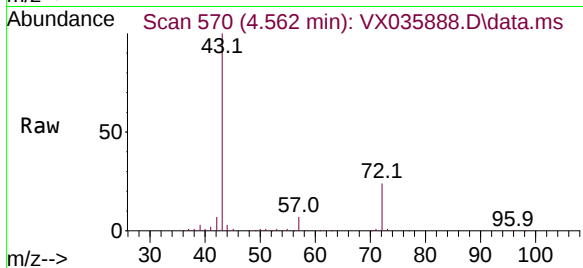
VSTDICC020

Tgt Ion: 43 Resp: 194330

Ion Ratio Lower Upper

43 100

72 24.3 19.4 29.2



#26

2,2-Dichloropropane

Concen: 18.113 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.006 min

Lab File: VX035888.D

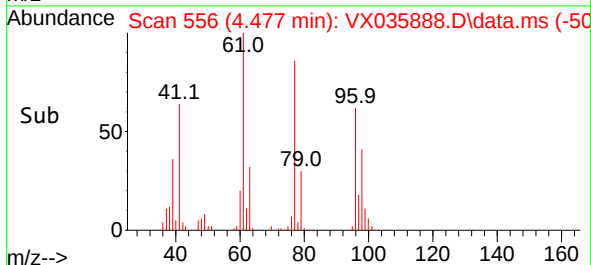
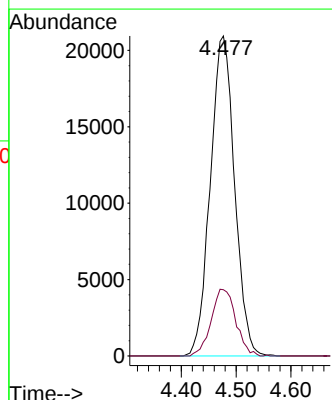
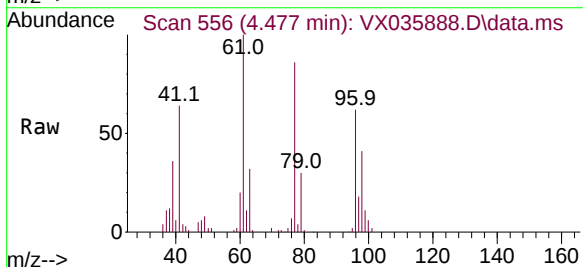
Acq: 26 May 2023 17:04

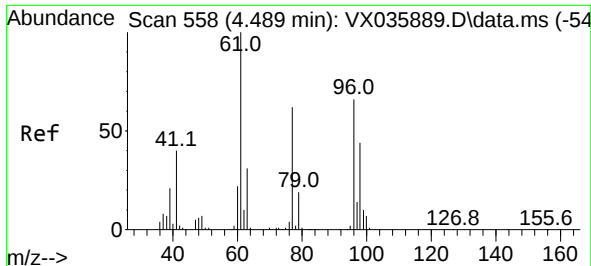
Tgt Ion: 77 Resp: 64334

Ion Ratio Lower Upper

77 100

97 21.1 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 18.774 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX035888.D

Acq: 26 May 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

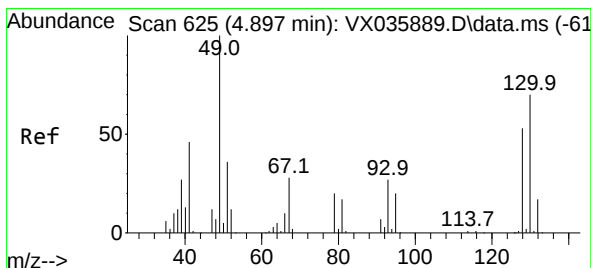
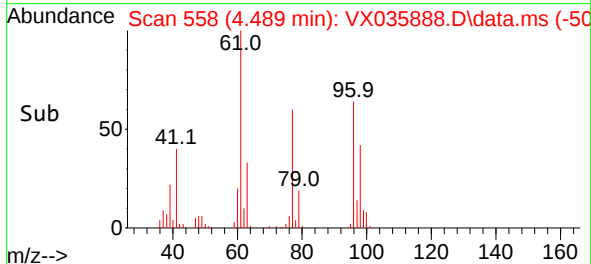
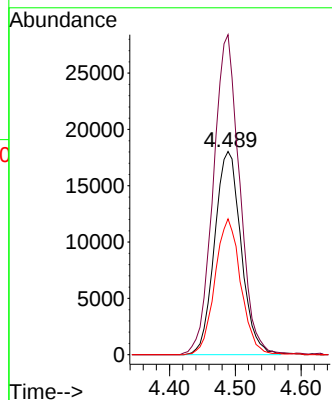
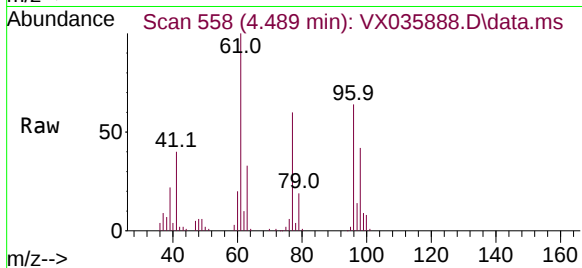
Tgt Ion: 96 Resp: 50649

Ion Ratio Lower Upper

96 100

61 156.2 0.0 312.6

98 65.3 0.0 130.0



#28

Bromochloromethane

Concen: 18.906 ug/l

RT: 4.903 min Scan# 626

Delta R.T. 0.006 min

Lab File: VX035888.D

Acq: 26 May 2023 17:04

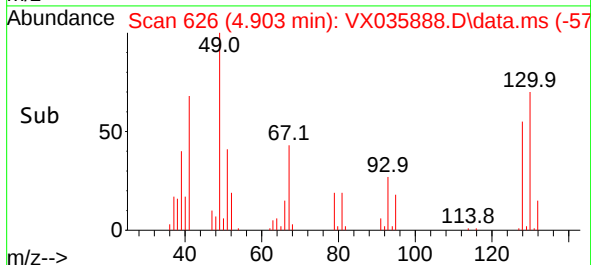
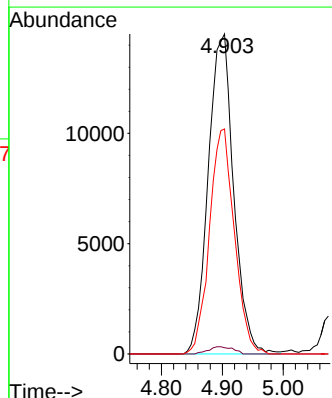
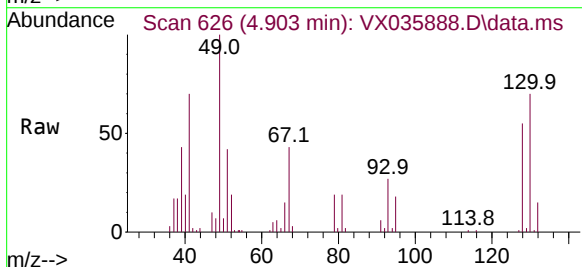
Tgt Ion: 49 Resp: 42198

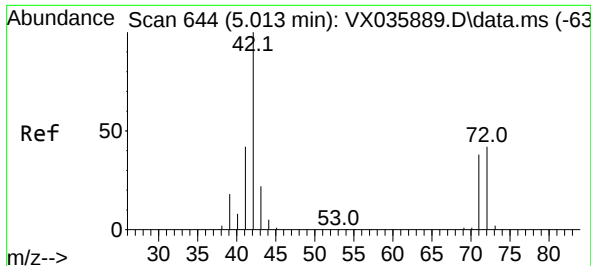
Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.6

130 68.7 55.8 83.8





#29

Tetrahydrofuran

Concen: 97.387 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX035888.D

Acq: 26 May 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

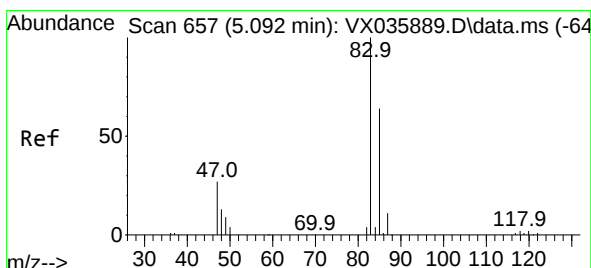
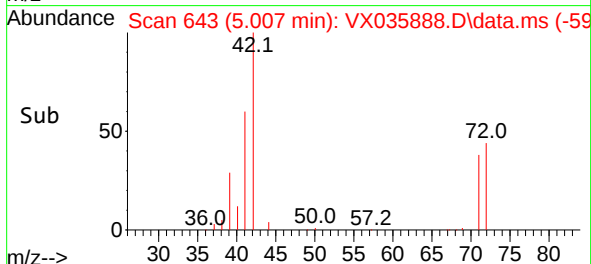
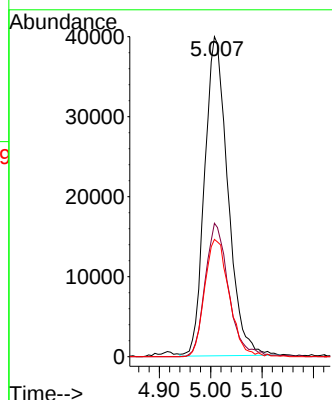
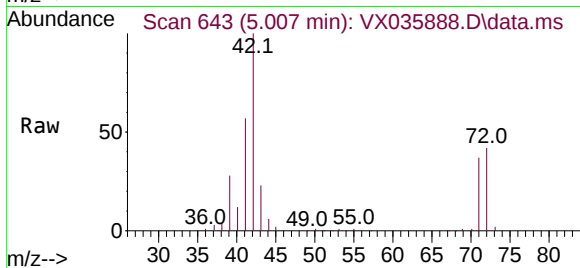
Tgt Ion: 42 Resp: 125274

Ion Ratio Lower Upper

42 100

72 42.5 34.2 51.2

71 39.0 31.8 47.8



#30

Chloroform

Concen: 18.961 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX035888.D

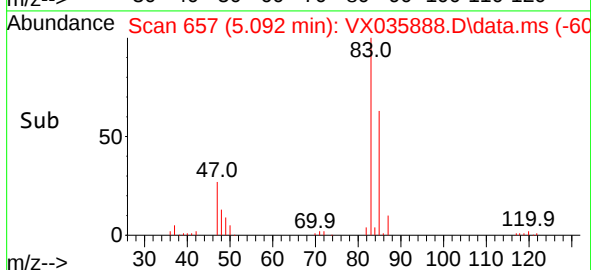
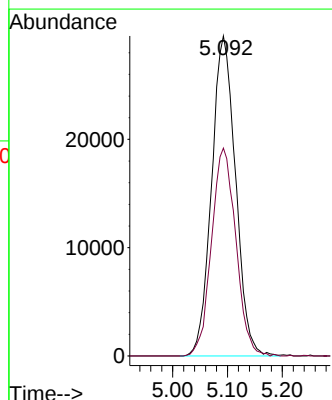
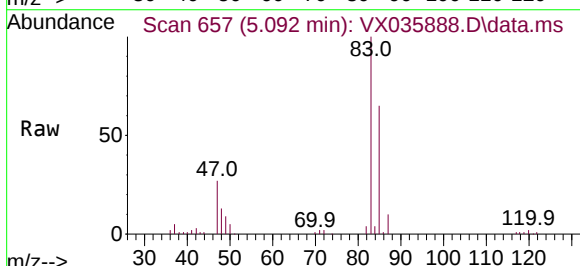
Acq: 26 May 2023 17:04

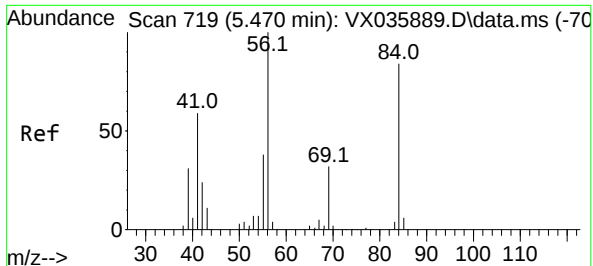
Tgt Ion: 83 Resp: 89596

Ion Ratio Lower Upper

83 100

85 64.9 51.0 76.4

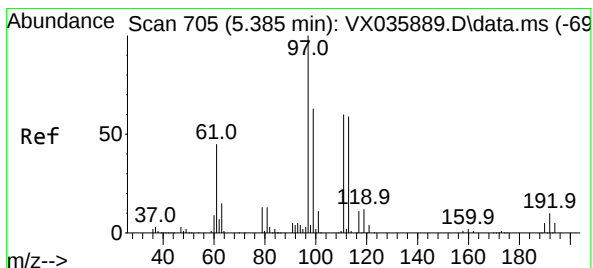
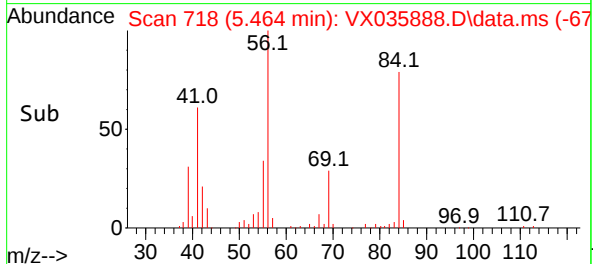
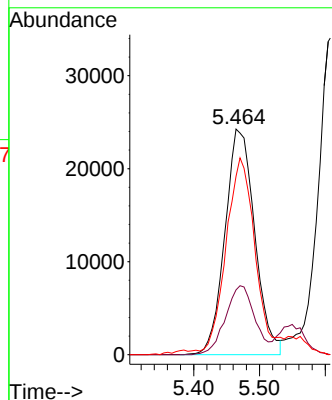
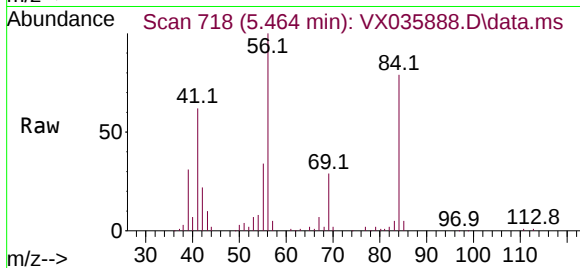




#31
Cyclohexane
Concen: 18.893 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX035888.D
Acq: 26 May 2023 17:04

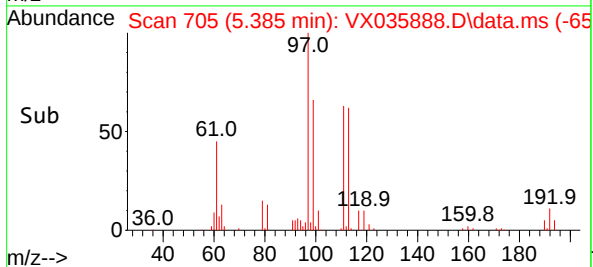
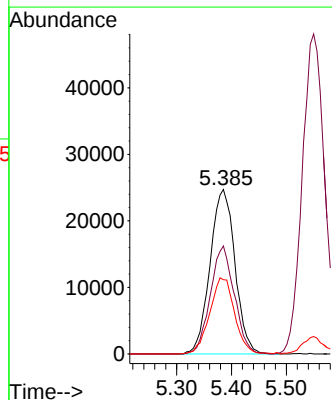
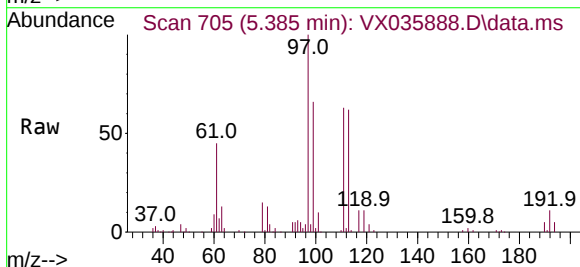
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

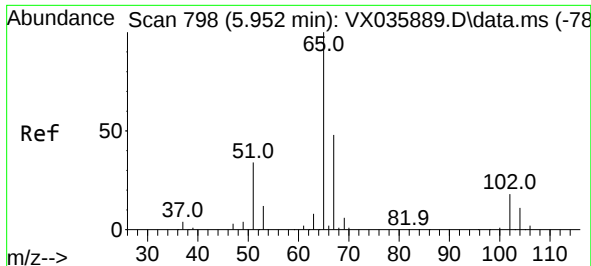
Tgt Ion: 56 Resp: 76401
Ion Ratio Lower Upper
56 100
69 28.7 25.9 38.9
84 77.3 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 19.099 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035888.D
Acq: 26 May 2023 17:04

Tgt Ion: 97 Resp: 77982
Ion Ratio Lower Upper
97 100
99 63.0 51.2 76.8
61 46.3 36.9 55.3

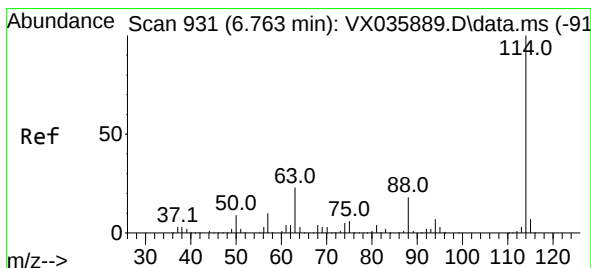
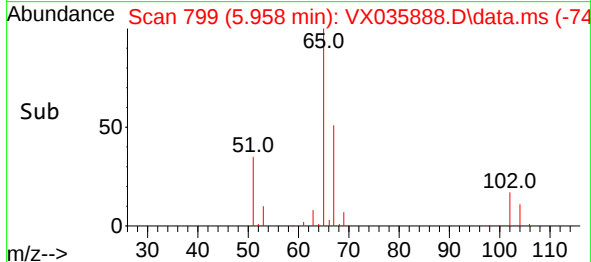
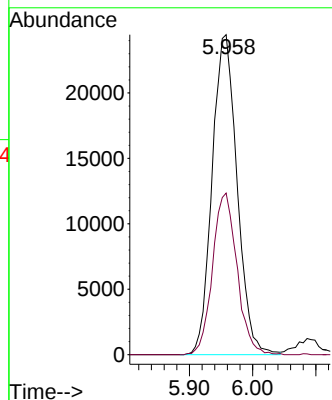
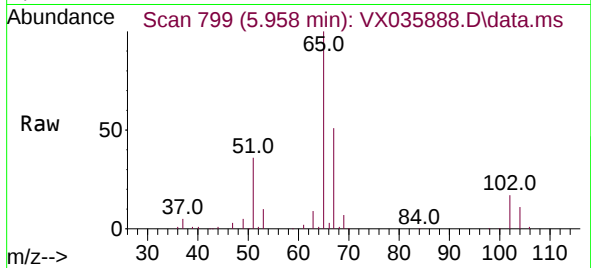




#33
 1,2-Dichloroethane-d4
 Concen: 19.689 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX035888.D
 Acq: 26 May 2023 17:04

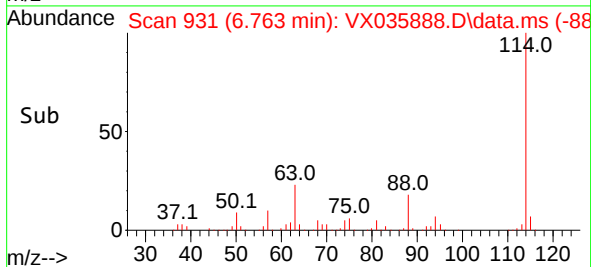
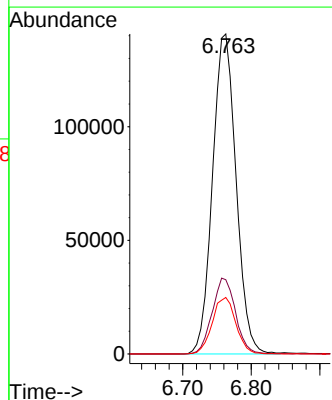
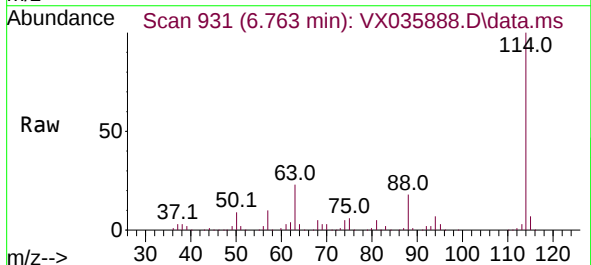
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

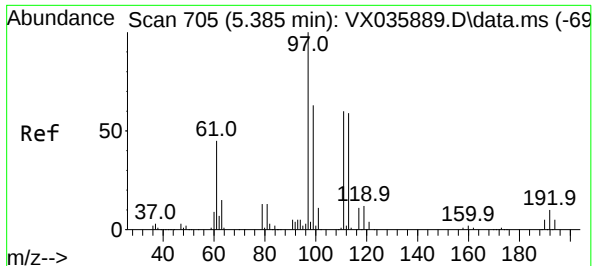
Tgt Ion: 65 Resp: 67035
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX035888.D
 Acq: 26 May 2023 17:04

Tgt Ion: 114 Resp: 335639
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 46.0
 88 17.6 0.0 35.2





#35

Dibromofluoromethane

Concen: 19.745 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035888.D

Acq: 26 May 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

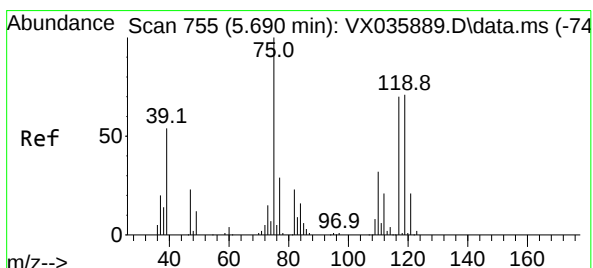
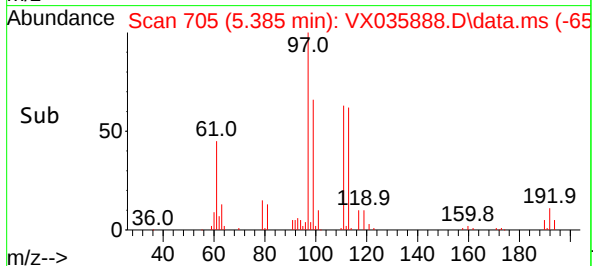
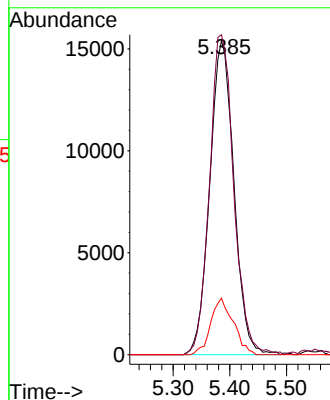
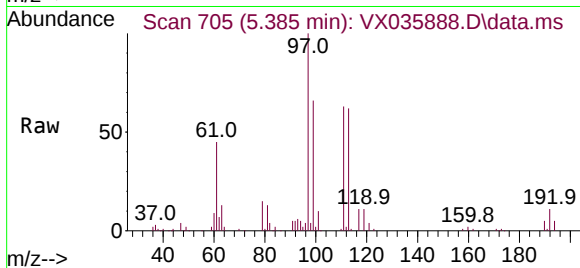
Tgt Ion:113 Resp: 45523

Ion Ratio Lower Upper

113 100

111 102.7 81.7 122.5

192 16.9 13.5 20.3



#36

1,1-Dichloropropene

Concen: 18.796 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.006 min

Lab File: VX035888.D

Acq: 26 May 2023 17:04

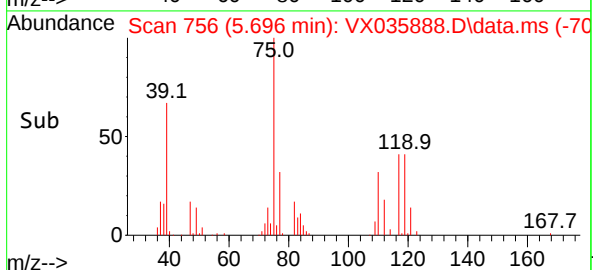
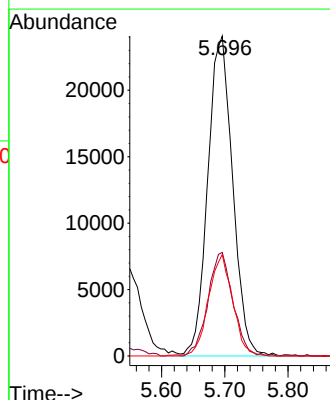
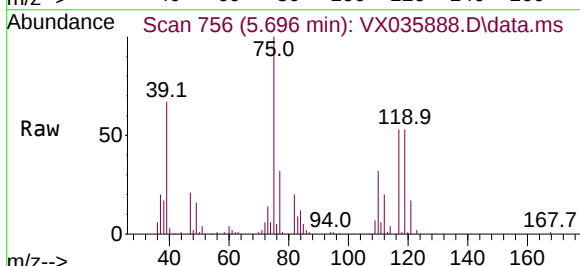
Tgt Ion: 75 Resp: 65800

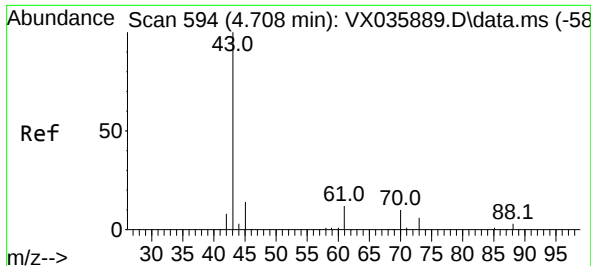
Ion Ratio Lower Upper

75 100

110 32.6 16.6 49.7

77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 19.111 ug/l

RT: 4.714 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX035888.D

Acq: 26 May 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

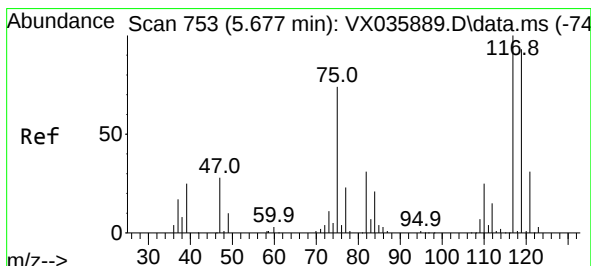
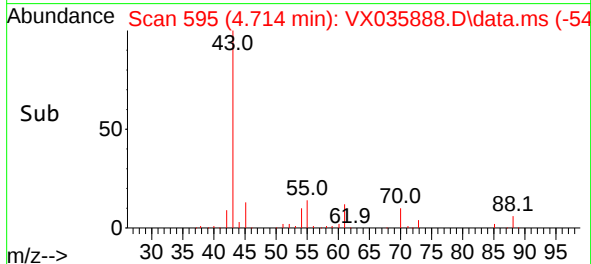
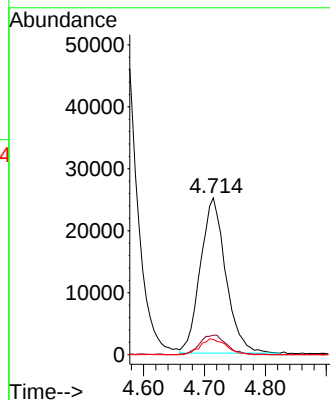
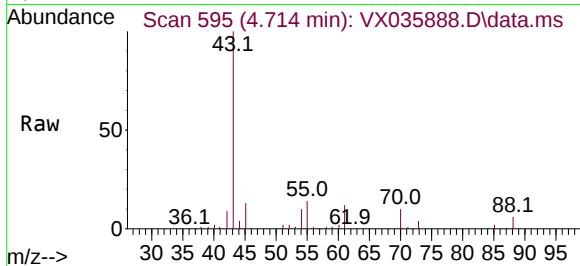
Tgt Ion: 43 Resp: 72424

Ion Ratio Lower Upper

43 100

61 13.6 10.3 15.5

70 10.4 8.3 12.5



#38

Carbon Tetrachloride

Concen: 18.627 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.000 min

Lab File: VX035888.D

Acq: 26 May 2023 17:04

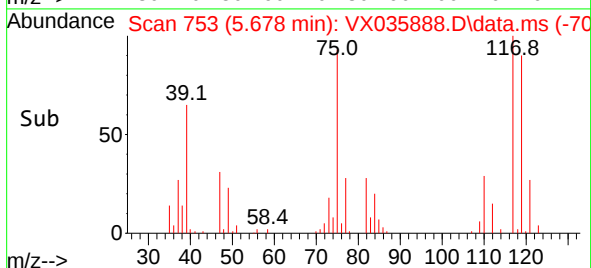
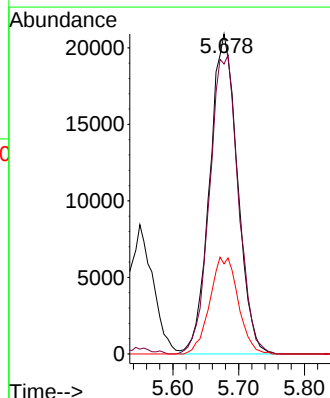
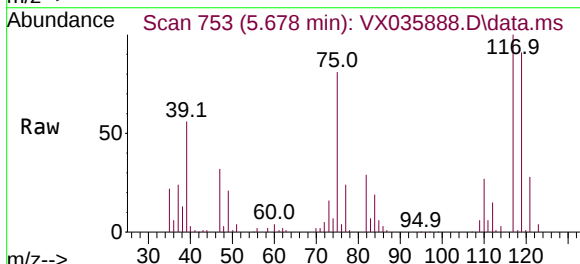
Tgt Ion: 117 Resp: 61463

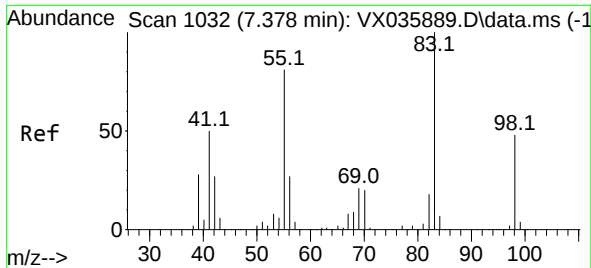
Ion Ratio Lower Upper

117 100

119 90.6 74.1 111.1

121 28.1 25.0 37.4

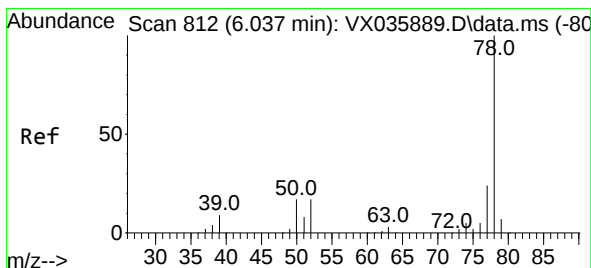
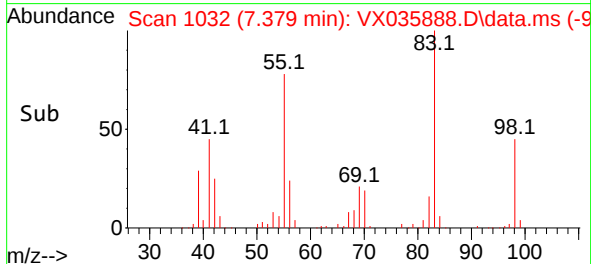
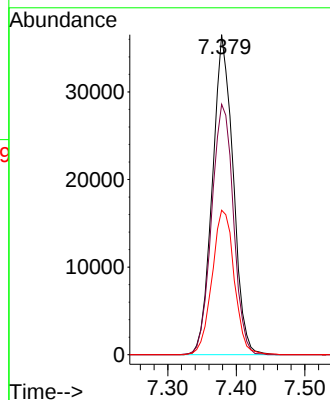
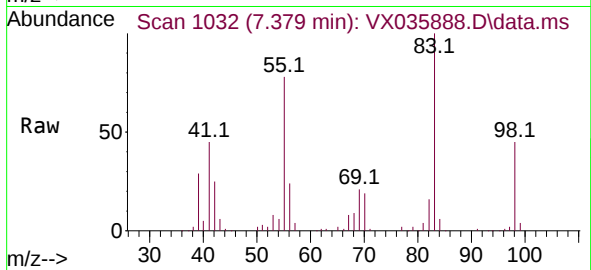




#39
Methylcyclohexane
Concen: 19.230 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX035888.D
Acq: 26 May 2023 17:04

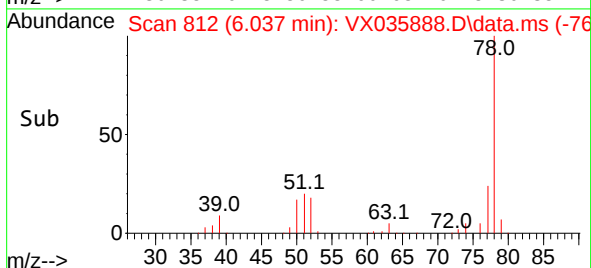
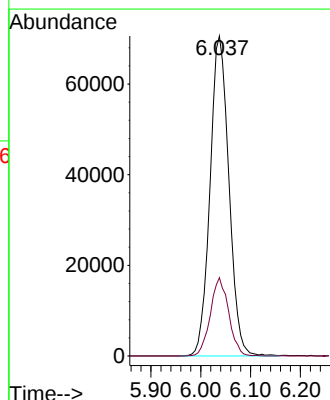
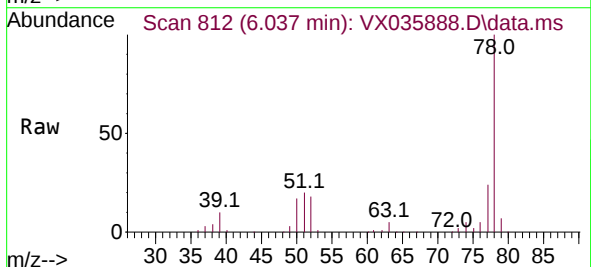
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

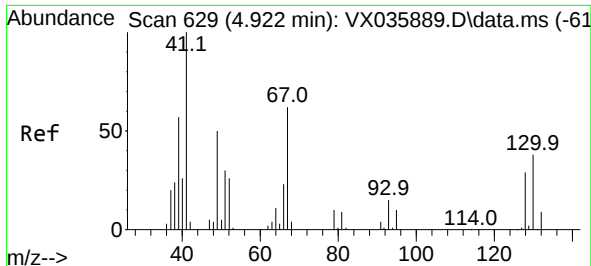
Tgt Ion: 83 Resp: 76815
Ion Ratio Lower Upper
83 100
55 78.3 64.9 97.3
98 45.1 38.1 57.1



#40
Benzene
Concen: 18.912 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX035888.D
Acq: 26 May 2023 17:04

Tgt Ion: 78 Resp: 185445
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.6

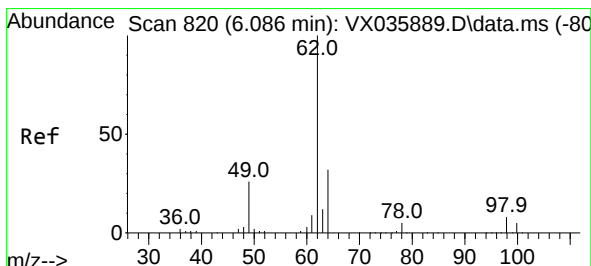
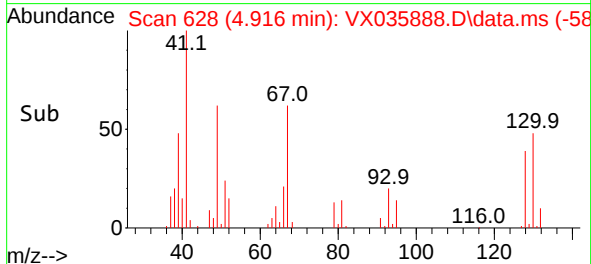
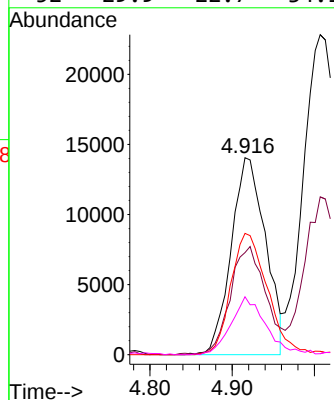
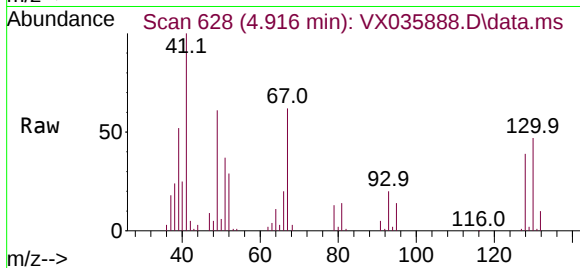




#41
Methacrylonitrile
Concen: 18.925 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX035888.D
Acq: 26 May 2023 17:04

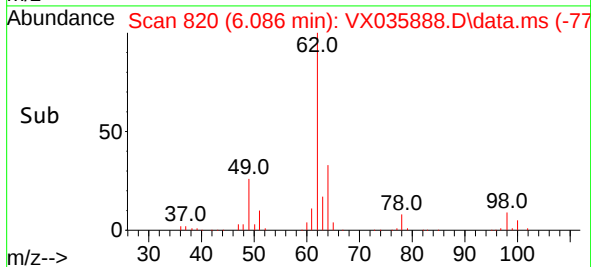
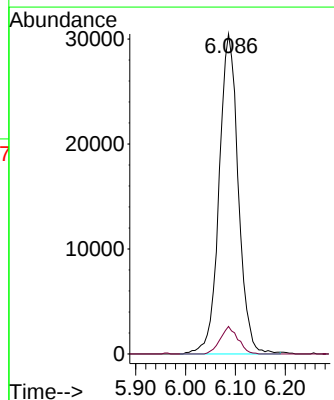
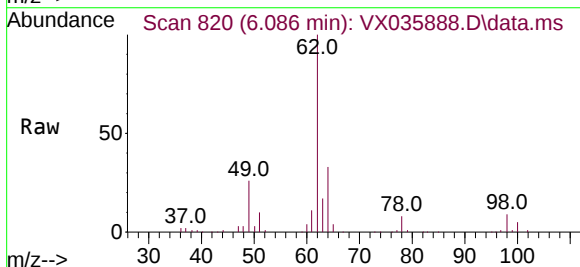
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

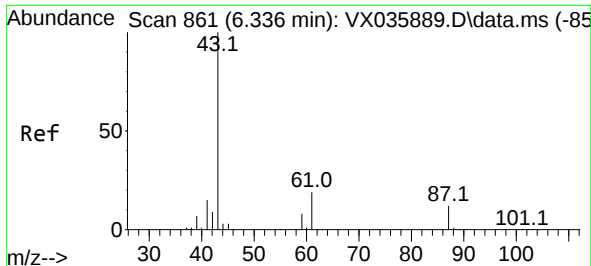
Tgt Ion: 41	Resp: 40828
Ion Ratio	Lower Upper
41 100	
39 56.7	45.6 68.4
67 66.4	51.8 77.6
52 29.9	22.7 34.1



#42
1,2-Dichloroethane
Concen: 19.664 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035888.D
Acq: 26 May 2023 17:04

Tgt Ion: 62	Resp: 81443
Ion Ratio	Lower Upper
62 100	
98 7.9	0.0 16.0





#43

Isopropyl Acetate

Concen: 19.166 ug/l

RT: 6.342 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX035888.D

Acq: 26 May 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

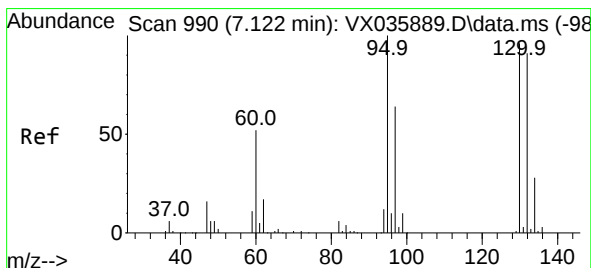
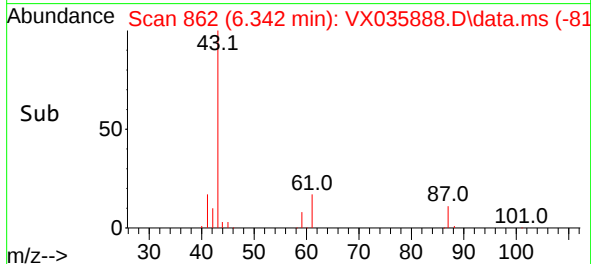
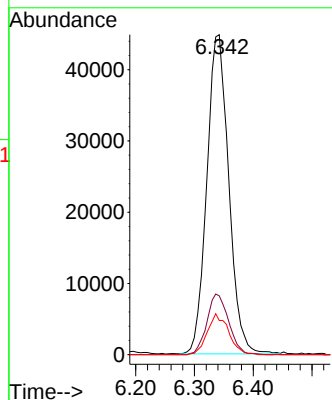
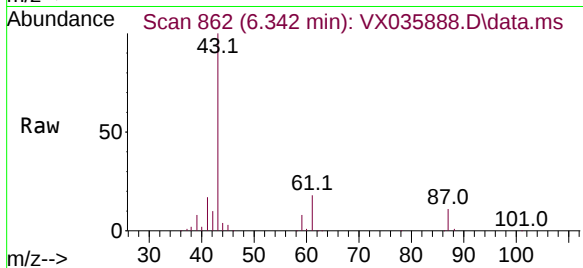
Tgt Ion: 43 Resp: 116392

Ion Ratio Lower Upper

43 100

61 18.8 15.0 22.4

87 12.4 9.9 14.9



#44

Trichloroethene

Concen: 18.926 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX035888.D

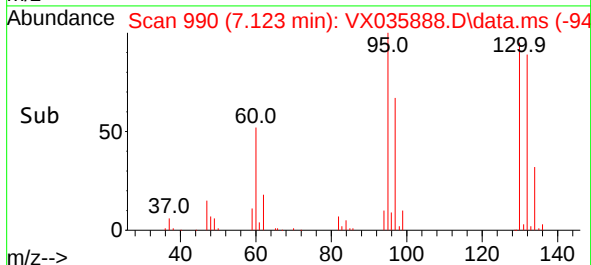
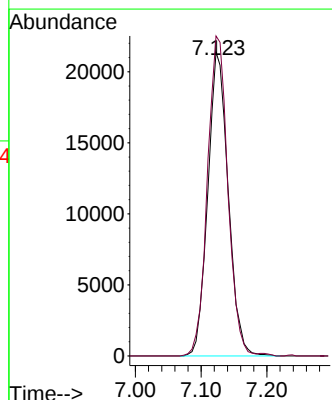
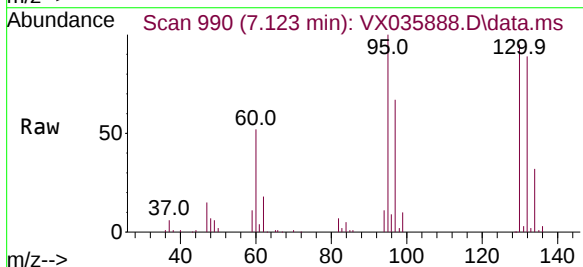
Acq: 26 May 2023 17:04

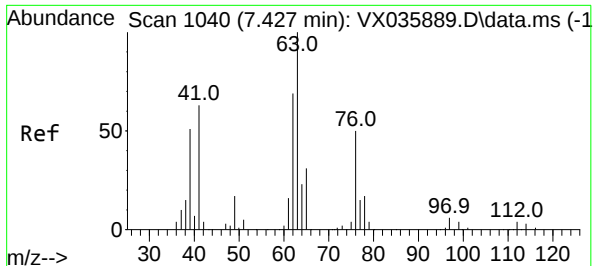
Tgt Ion:130 Resp: 46229

Ion Ratio Lower Upper

130 100

95 105.3 0.0 207.6





#45

1,2-Dichloropropane

Concen: 19.041 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX035888.D

Acq: 26 May 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

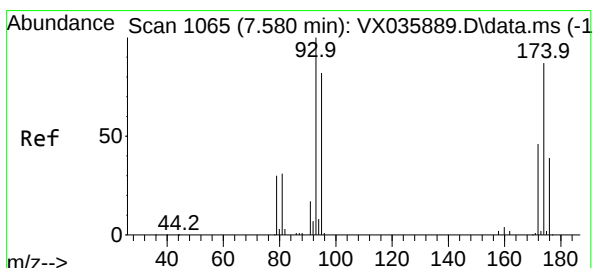
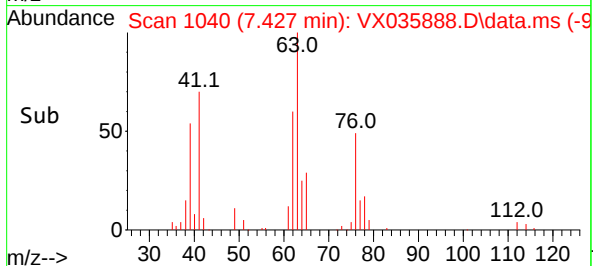
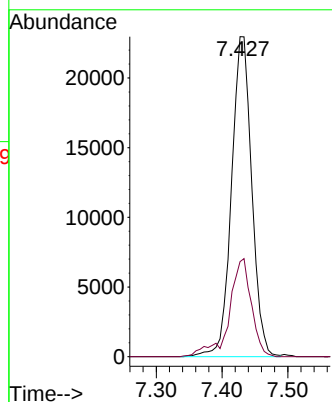
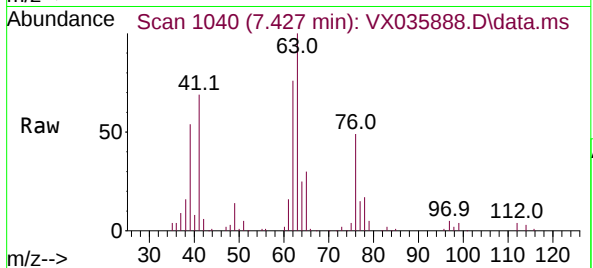
VSTDIC020

Tgt Ion: 63 Resp: 49235

Ion Ratio Lower Upper

63 100

65 29.7 24.8 37.2



#46

Dibromomethane

Concen: 19.049 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX035888.D

Acq: 26 May 2023 17:04

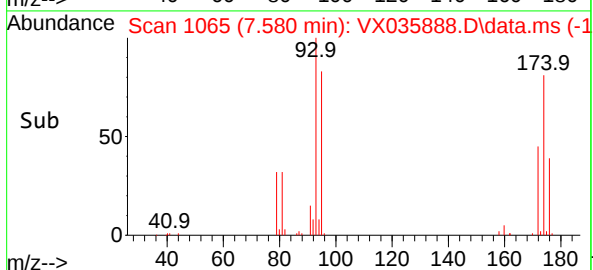
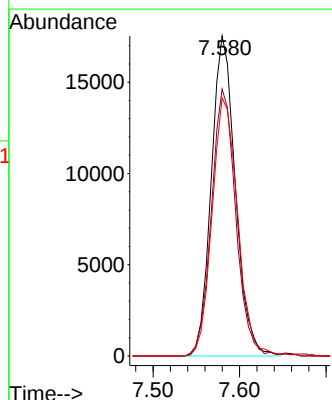
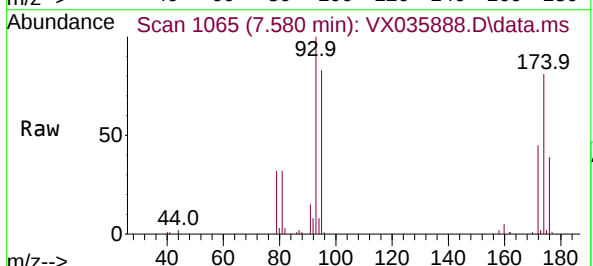
Tgt Ion: 93 Resp: 33821

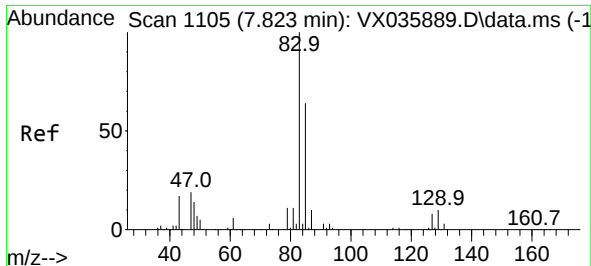
Ion Ratio Lower Upper

93 100

95 84.7 66.2 99.2

174 85.5 69.5 104.3

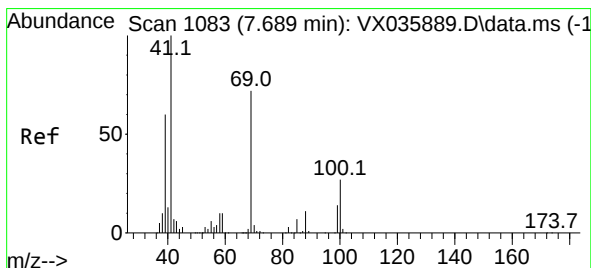
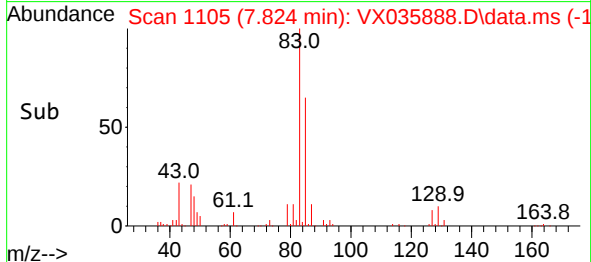
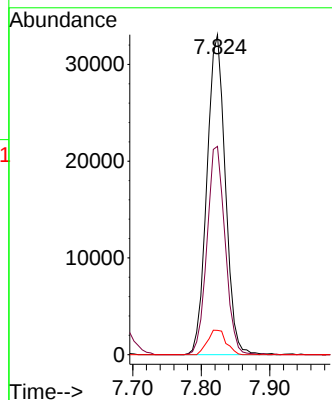
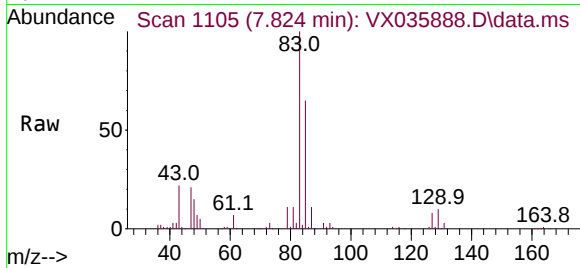




#47
Bromodichloromethane
Concen: 18.694 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VX035888.D
Acq: 26 May 2023 17:04

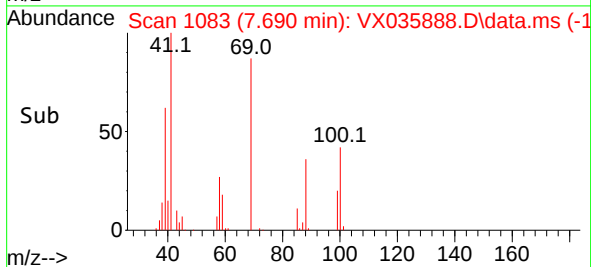
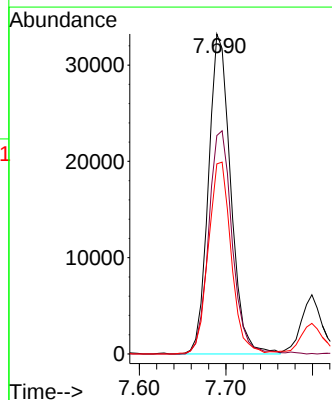
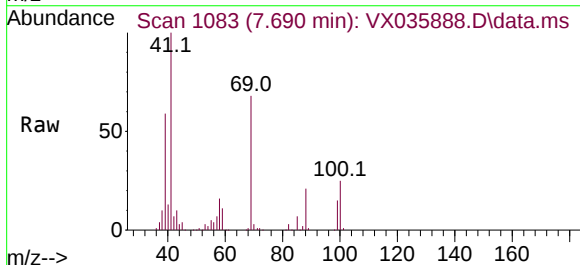
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

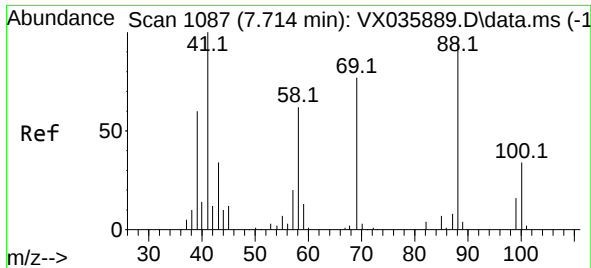
Tgt Ion:	83	Resp:	61867
Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.3	76.9
127	7.6	6.6	10.0



#48
Methyl methacrylate
Concen: 19.065 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.001 min
Lab File: VX035888.D
Acq: 26 May 2023 17:04

Tgt Ion:	41	Resp:	59432
Ion	Ratio	Lower	Upper
41	100		
69	73.6	59.0	88.6
39	61.7	48.4	72.6





#49

1,4-Dioxane

Concen: 371.905 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. -0.018 min

Lab File: VX035888.D

Acq: 26 May 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

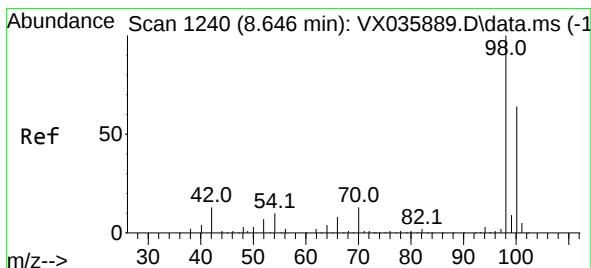
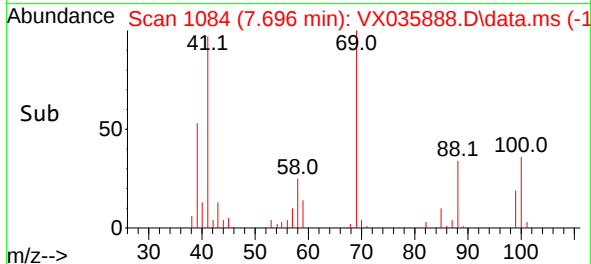
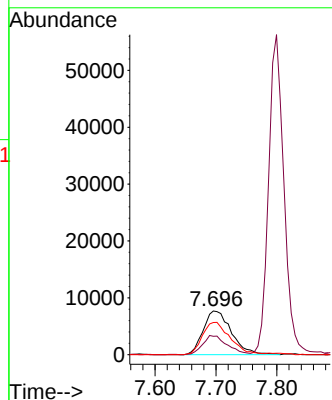
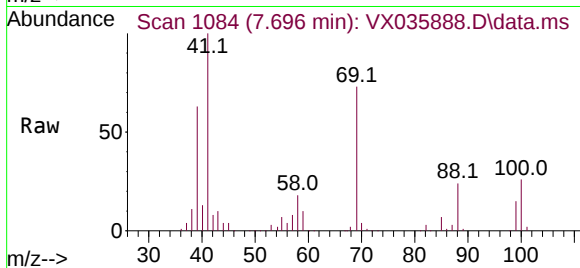
Tgt Ion: 88 Resp: 24741

Ion Ratio Lower Upper

88 100

43 38.2 27.4 41.0

58 72.8 58.9 88.3



#50

Toluene-d8

Concen: 19.634 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX035888.D

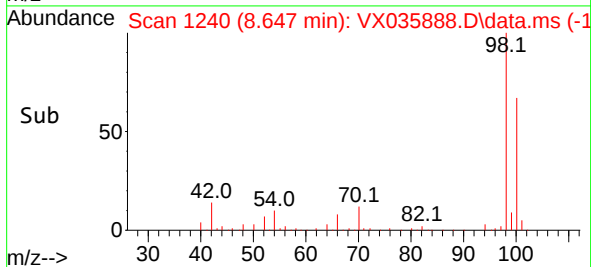
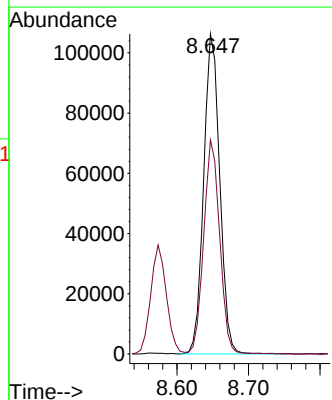
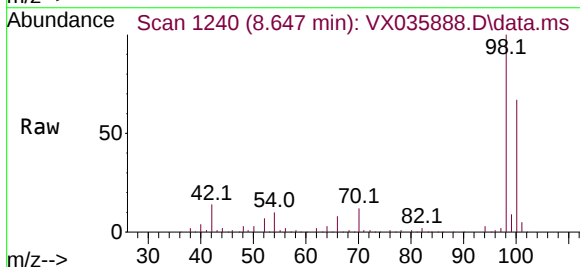
Acq: 26 May 2023 17:04

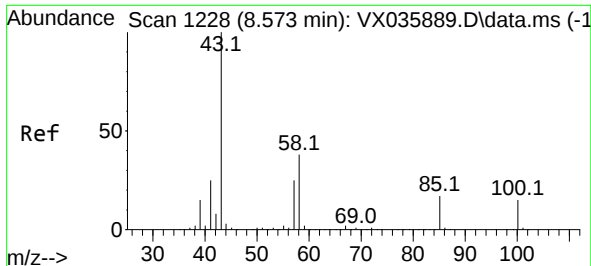
Tgt Ion: 98 Resp: 166127

Ion Ratio Lower Upper

98 100

100 66.0 53.4 80.0





#51

4-Methyl-2-Pentanone

Concen: 99.681 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.001 min

Lab File: VX035888.D

Acq: 26 May 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

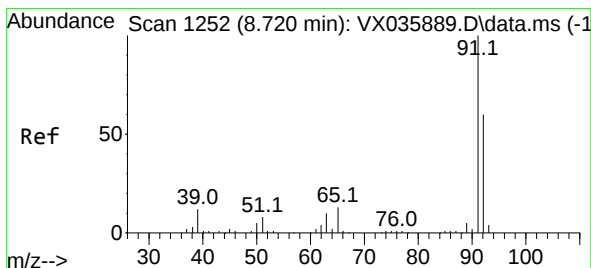
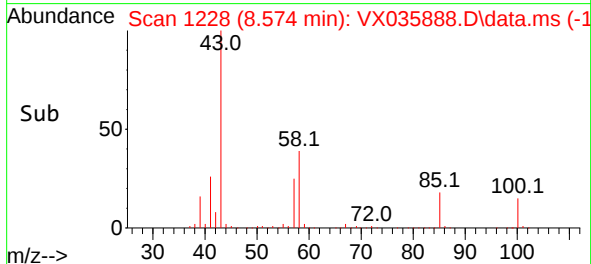
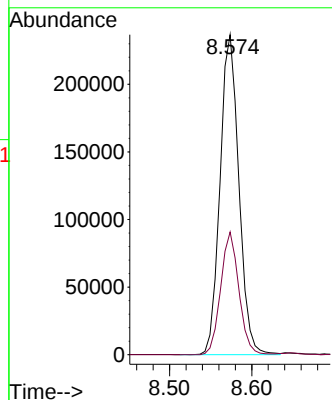
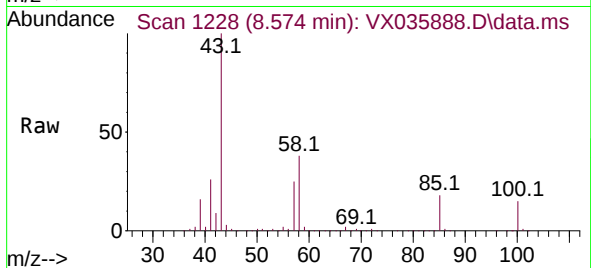
VSTDICC020

Tgt Ion: 43 Resp: 376830

Ion Ratio Lower Upper

43 100

58 37.0 30.1 45.1



#52

Toluene

Concen: 19.205 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX035888.D

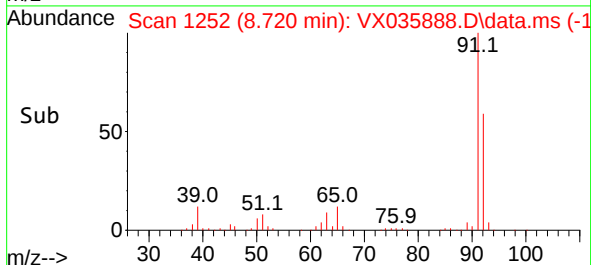
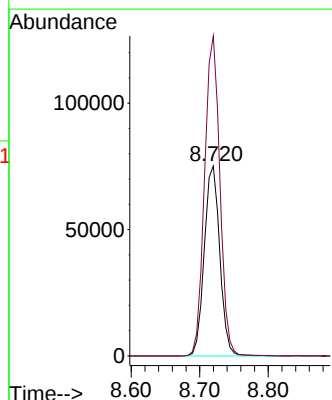
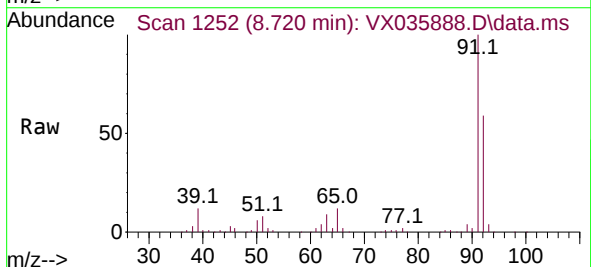
Acq: 26 May 2023 17:04

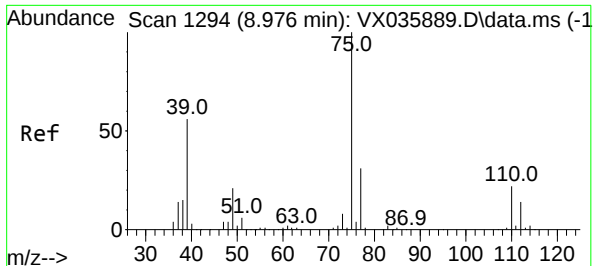
Tgt Ion: 92 Resp: 118269

Ion Ratio Lower Upper

92 100

91 167.0 133.5 200.3





#53

t-1,3-Dichloropropene

Concen: 18.869 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX035888.D

Acq: 26 May 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

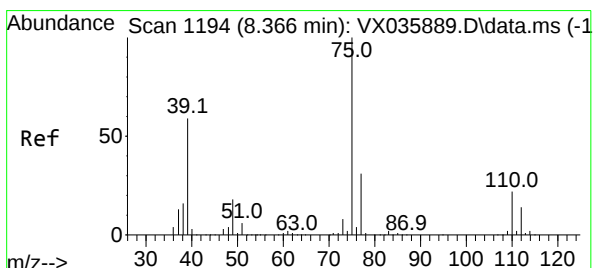
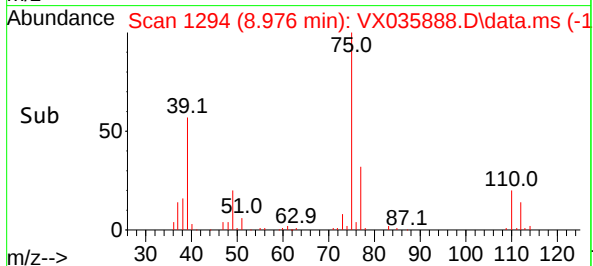
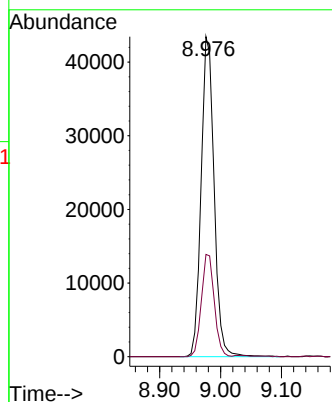
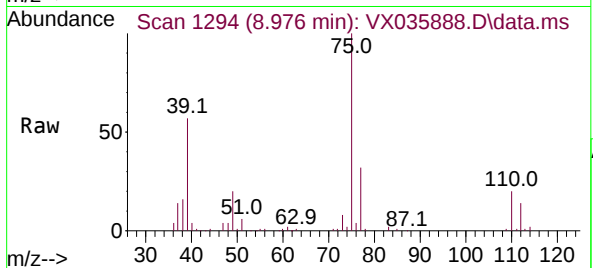
VSTDICC020

Tgt Ion: 75 Resp: 64485

Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 18.922 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035888.D

Acq: 26 May 2023 17:04

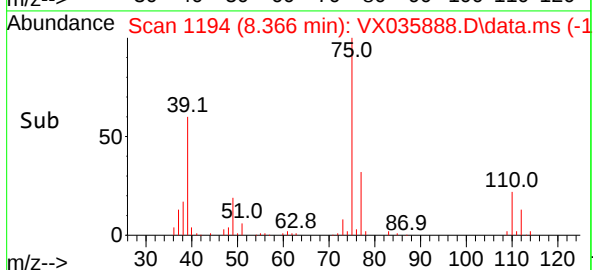
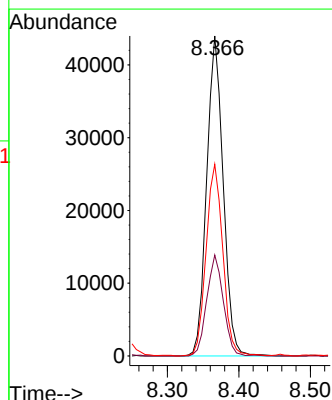
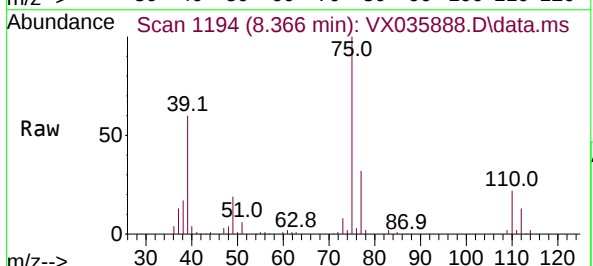
Tgt Ion: 75 Resp: 70585

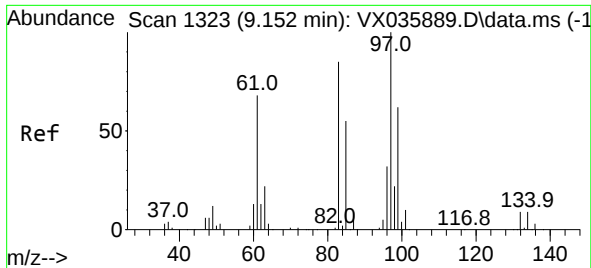
Ion Ratio Lower Upper

75 100

77 31.6 24.7 37.1

39 59.9 47.0 70.6

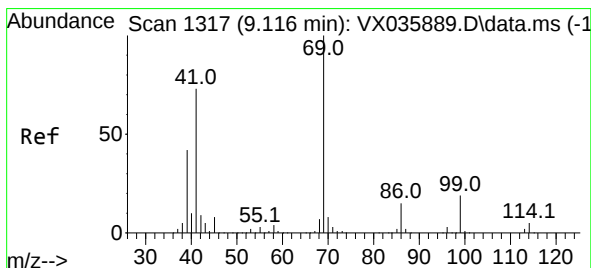
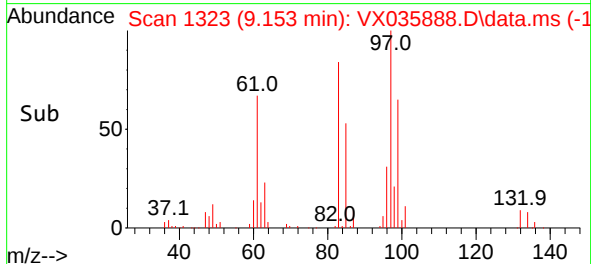
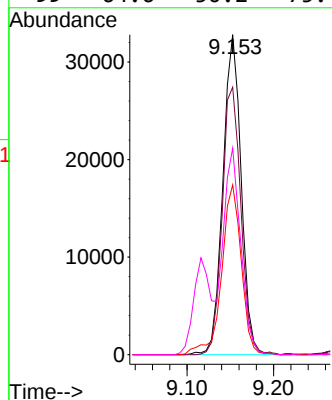
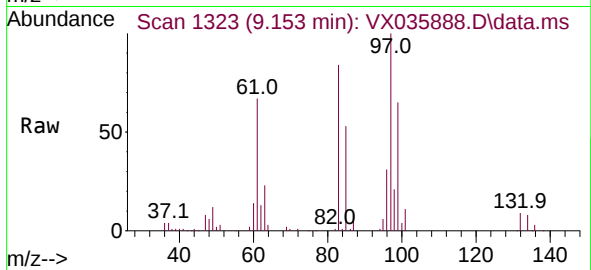




#55
1,1,2-Trichloroethane
Concen: 19.707 ug/l
RT: 9.153 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035888.D
Acq: 26 May 2023 17:04

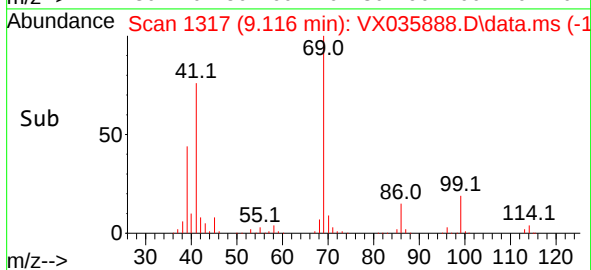
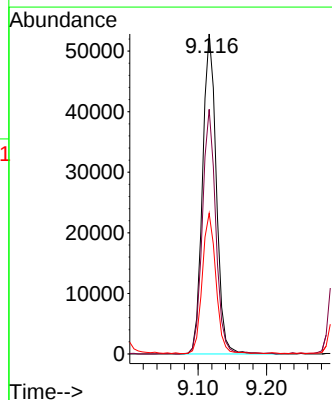
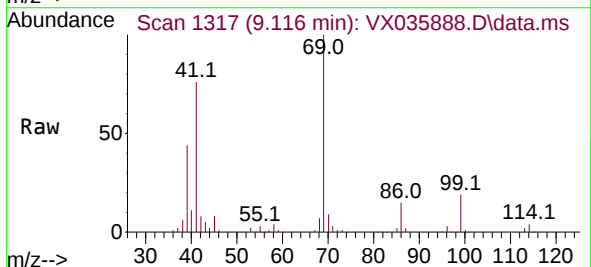
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

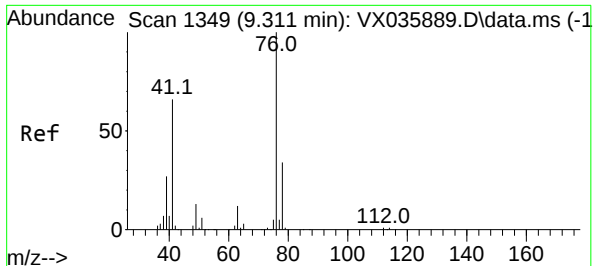
Tgt Ion: 97	Resp: 48113
Ion Ratio	Lower Upper
97 100	
83 83.6	68.3 102.5
85 53.1	44.2 66.2
99 64.6	50.2 75.4



#56
Ethyl methacrylate
Concen: 19.215 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035888.D
Acq: 26 May 2023 17:04

Tgt Ion: 69	Resp: 73863
Ion Ratio	Lower Upper
69 100	
41 74.8	58.9 88.3
39 43.5	33.4 50.0





#57

1,3-Dichloropropane

Concen: 19.313 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035888.D

Acq: 26 May 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

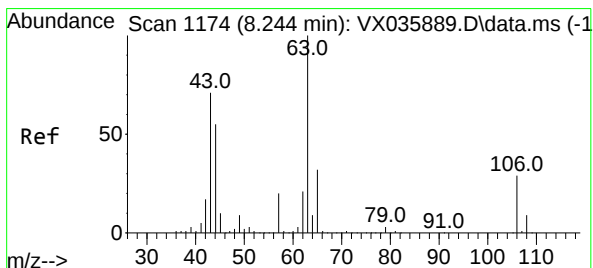
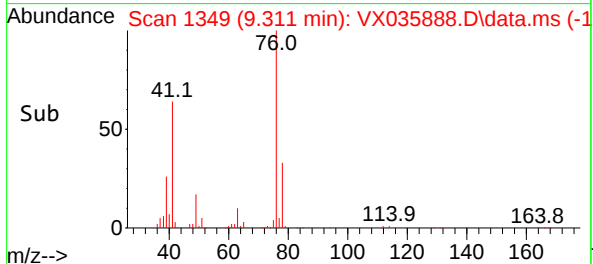
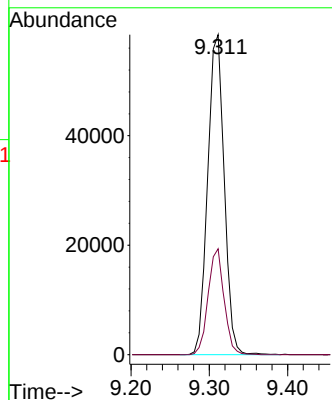
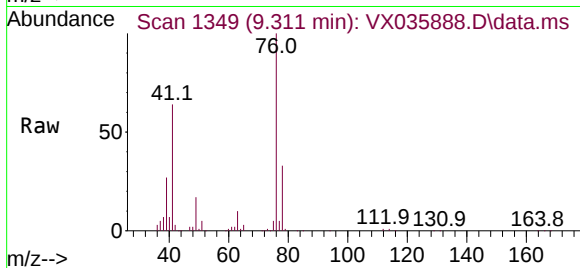
VSTDIC020

Tgt Ion: 76 Resp: 85527

Ion Ratio Lower Upper

76 100

78 31.9 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 92.211 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX035888.D

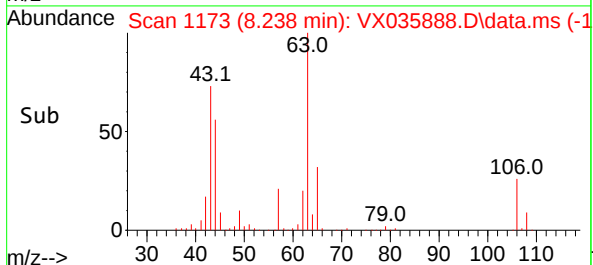
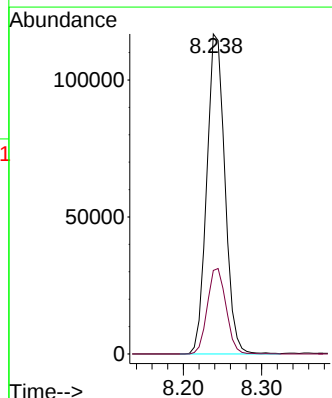
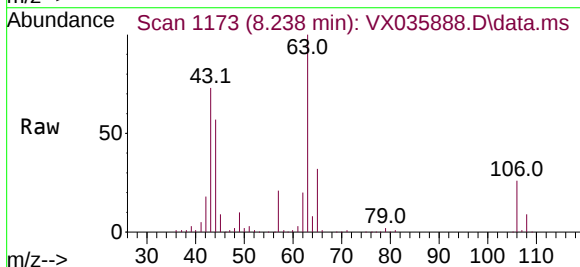
Acq: 26 May 2023 17:04

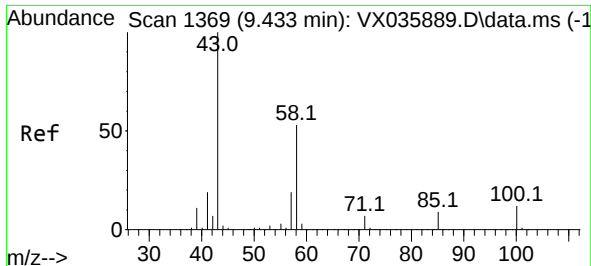
Tgt Ion: 63 Resp: 187542

Ion Ratio Lower Upper

63 100

106 27.5 22.3 33.5

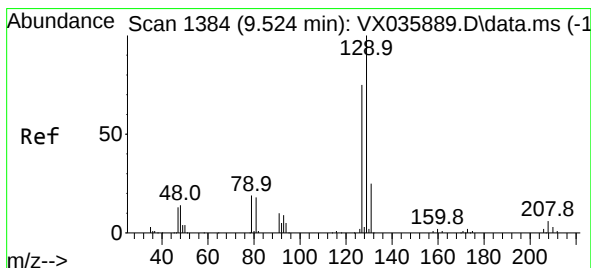
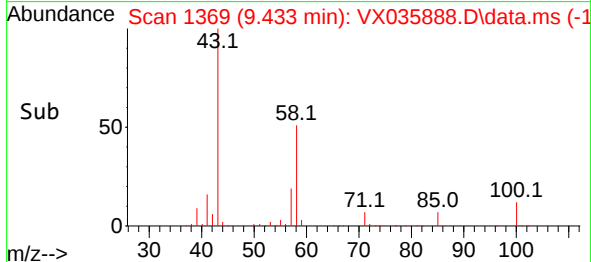
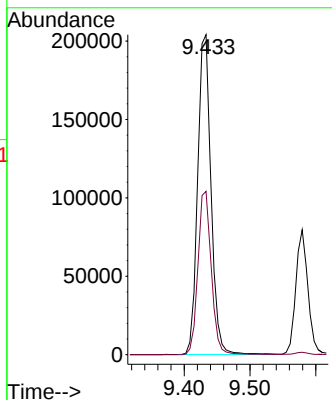
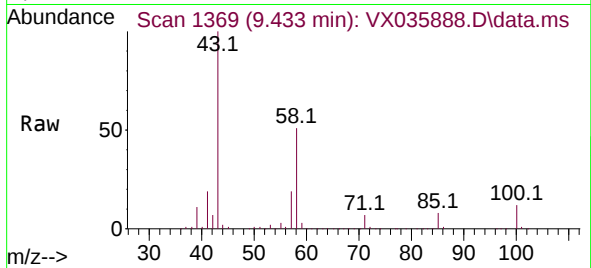




#59
2-Hexanone
Concen: 100.906 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035888.D
Acq: 26 May 2023 17:04

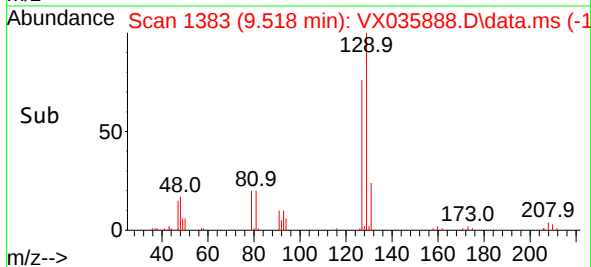
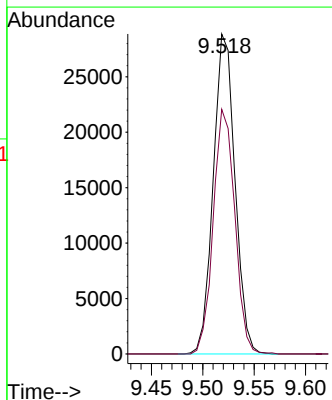
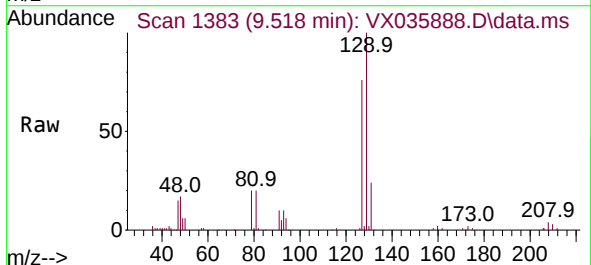
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

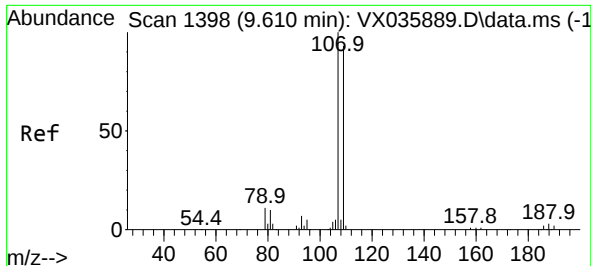
Tgt Ion: 43 Resp: 288322
Ion Ratio Lower Upper
43 100
58 51.2 26.3 78.8



#60
Dibromochloromethane
Concen: 18.947 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX035888.D
Acq: 26 May 2023 17:04

Tgt Ion: 129 Resp: 42325
Ion Ratio Lower Upper
129 100
127 75.9 38.4 115.1

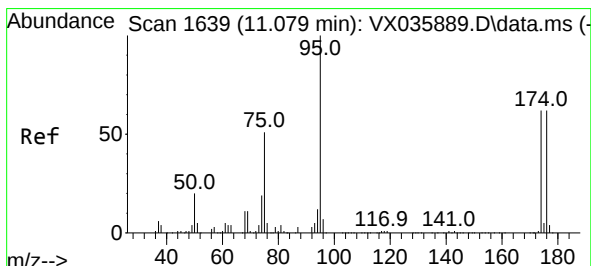
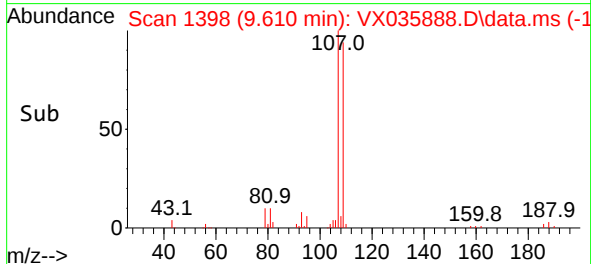
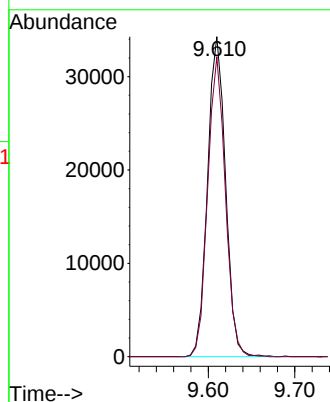
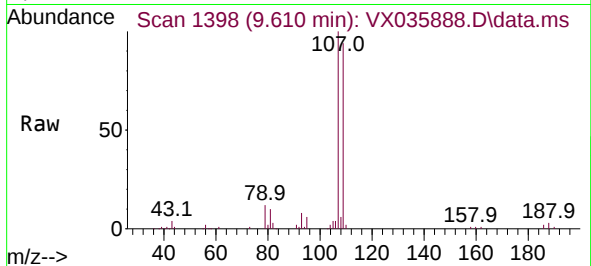




#61
1,2-Dibromoethane
Concen: 19.227 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX035888.D
Acq: 26 May 2023 17:04

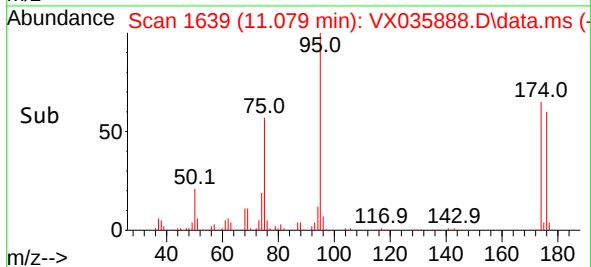
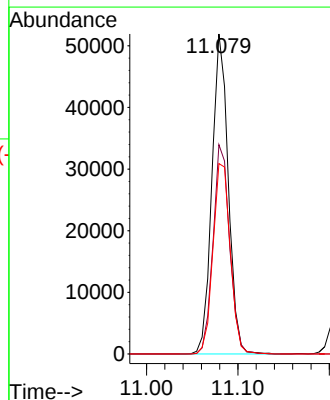
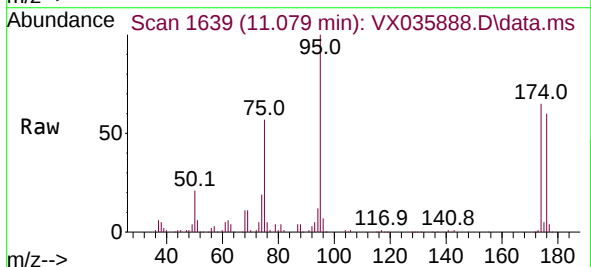
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

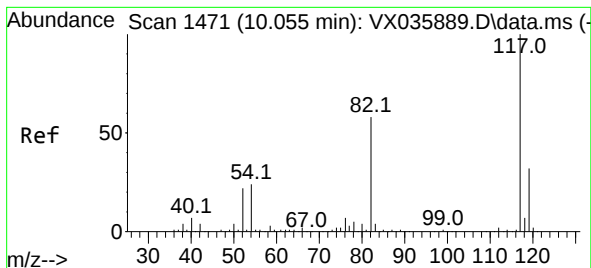
Tgt Ion:107 Resp: 49431
Ion Ratio Lower Upper
107 100
109 92.2 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 19.308 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035888.D
Acq: 26 May 2023 17:04

Tgt Ion: 95 Resp: 64365
Ion Ratio Lower Upper
95 100
174 66.5 0.0 132.6
176 63.3 0.0 128.0

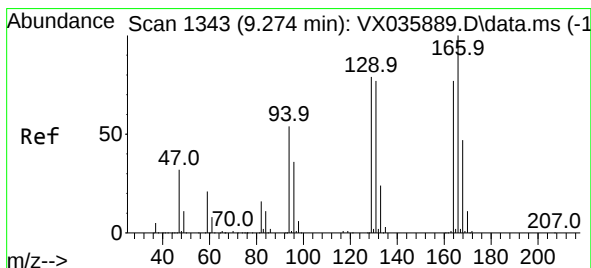
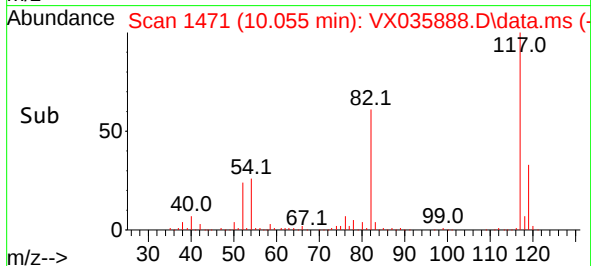
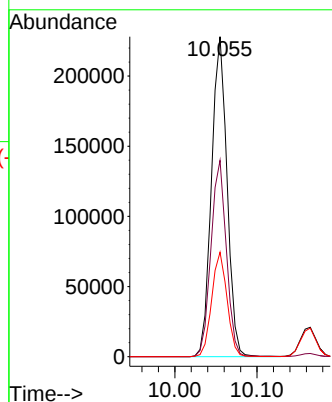
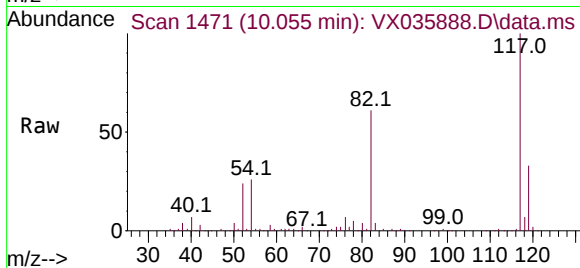




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035888.D
Acq: 26 May 2023 17:04

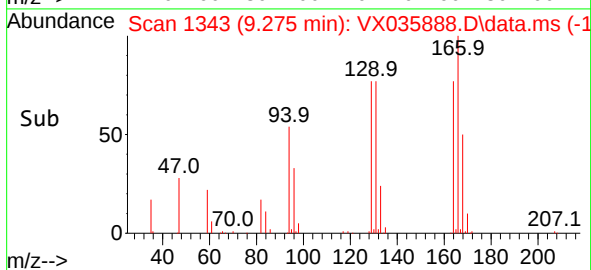
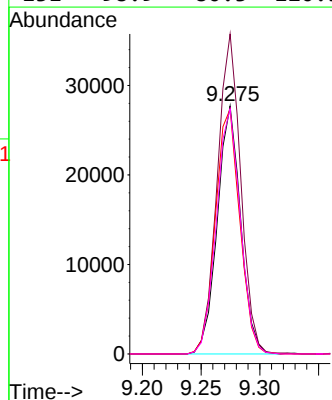
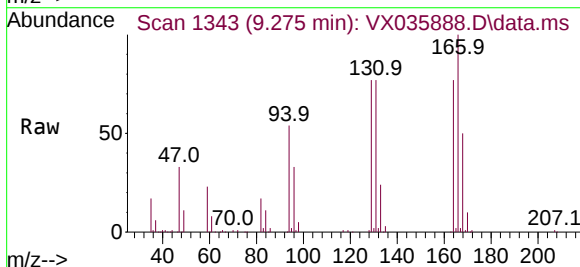
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

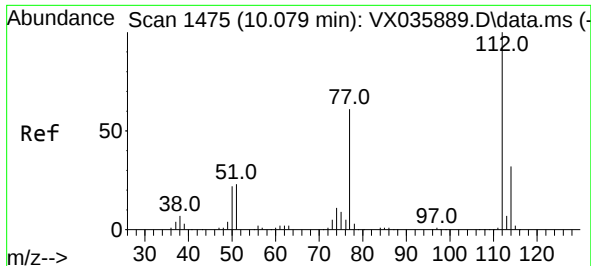
Tgt Ion:117 Resp: 299866
Ion Ratio Lower Upper
117 100
82 61.4 46.6 69.8
119 32.7 25.4 38.2



#64
Tetrachloroethene
Concen: 18.824 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX035888.D
Acq: 26 May 2023 17:04

Tgt Ion:164 Resp: 38208
Ion Ratio Lower Upper
164 100
166 129.0 104.4 156.6
129 98.8 82.0 123.0
131 98.9 80.3 120.5

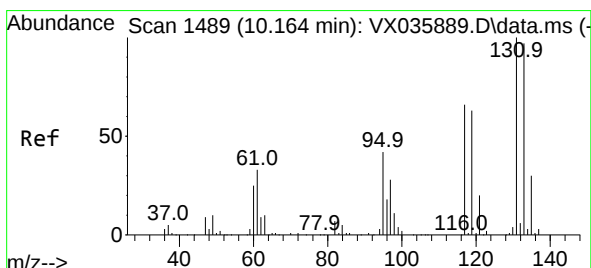
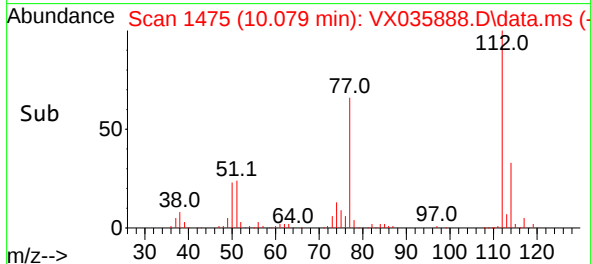
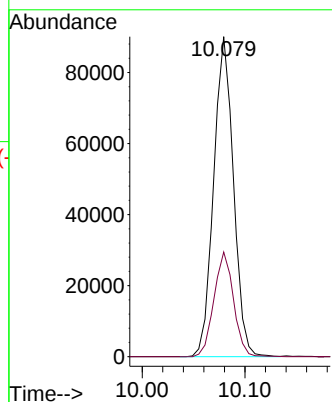
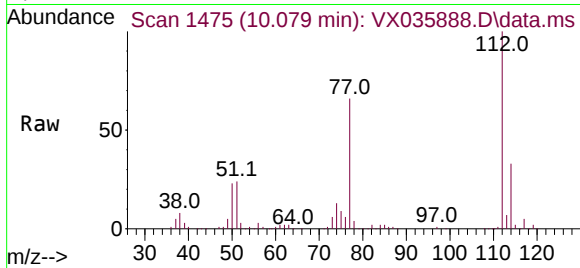




#65
Chlorobenzene
Concen: 18.870 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035888.D
Acq: 26 May 2023 17:04

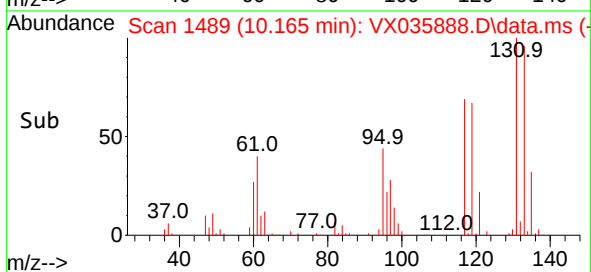
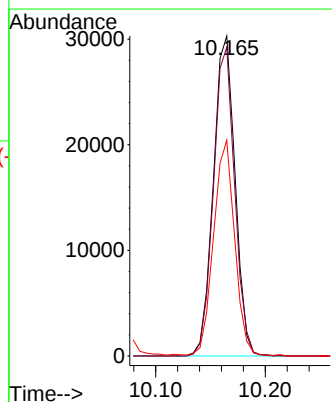
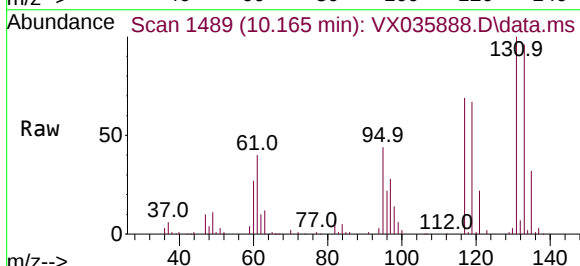
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

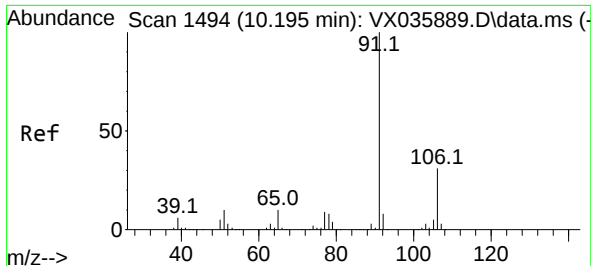
Tgt Ion:112 Resp: 120459
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.999 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX035888.D
Acq: 26 May 2023 17:04

Tgt Ion:131 Resp: 41612
Ion Ratio Lower Upper
131 100
133 94.7 48.1 144.3
119 65.9 32.1 96.5





#67

Ethyl Benzene

Concen: 19.150 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX035888.D

Acq: 26 May 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

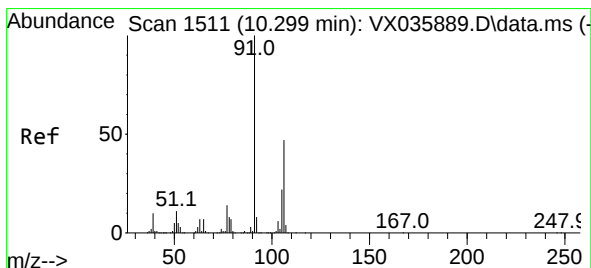
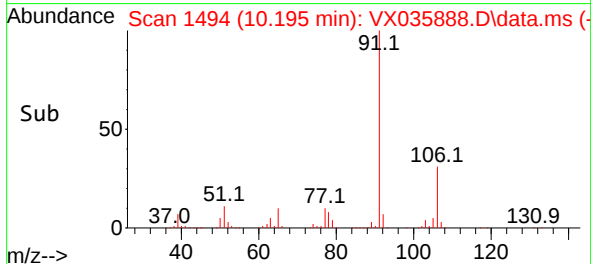
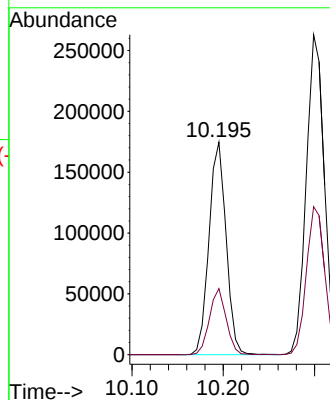
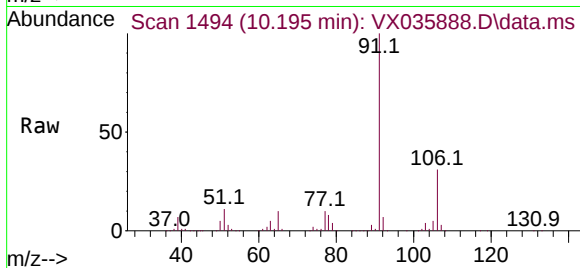
VSTDICC020

Tgt Ion: 91 Resp: 226814

Ion Ratio Lower Upper

91 100

106 31.1 24.6 37.0



#68

m/p-Xylenes

Concen: 38.983 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX035888.D

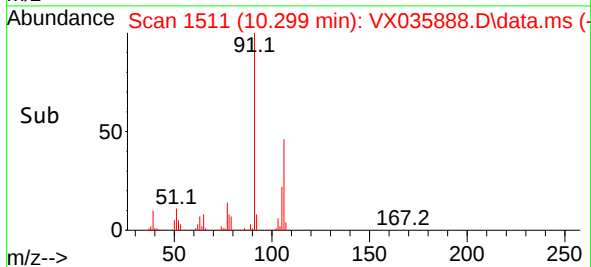
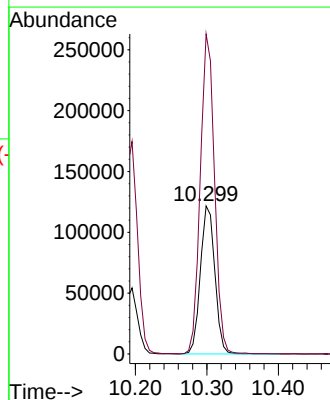
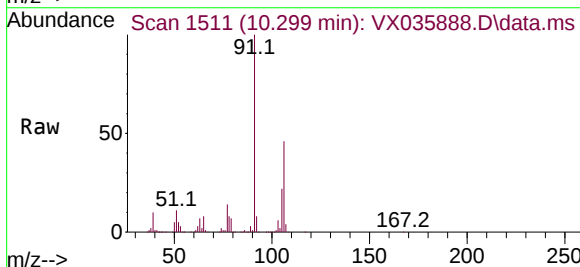
Acq: 26 May 2023 17:04

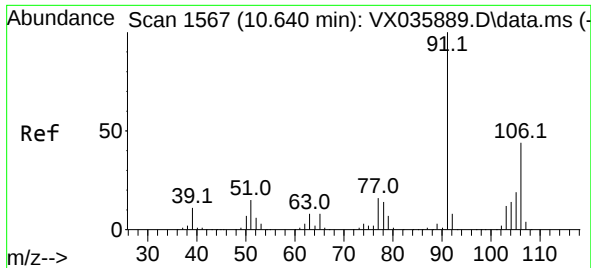
Tgt Ion: 106 Resp: 170830

Ion Ratio Lower Upper

106 100

91 212.6 169.8 254.8

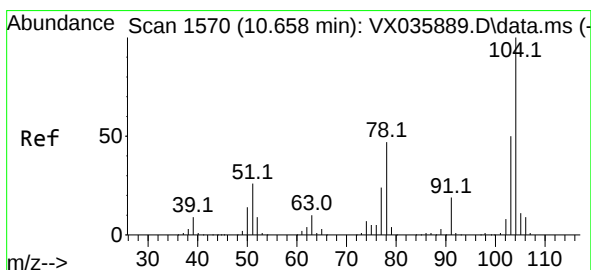
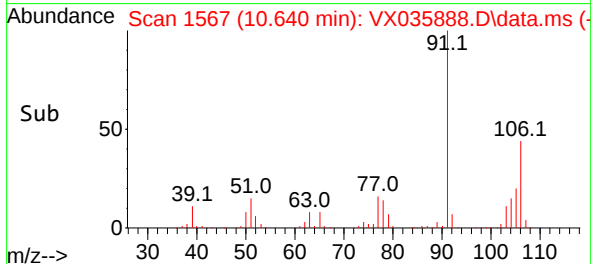
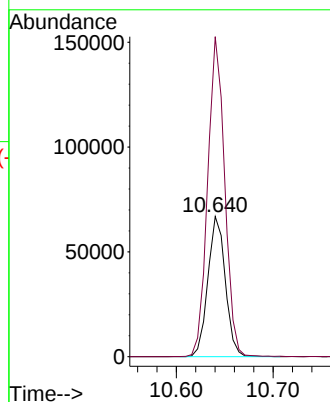
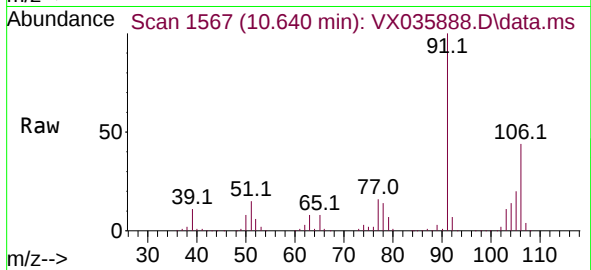




#69
o-Xylene
Concen: 19.291 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035888.D
Acq: 26 May 2023 17:04

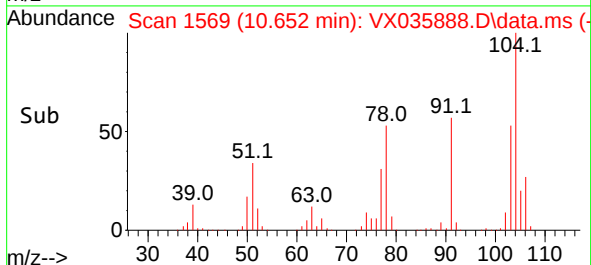
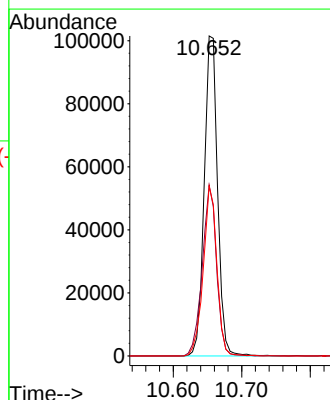
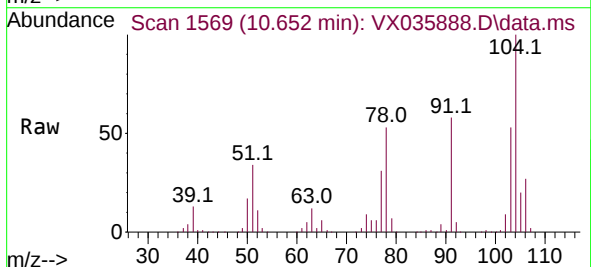
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

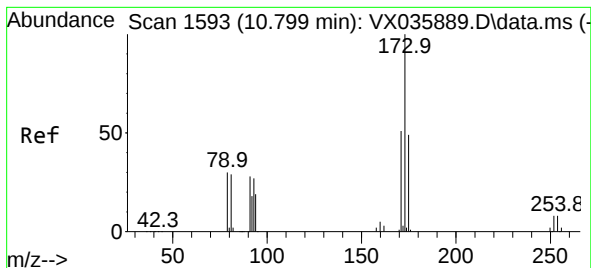
Tgt Ion:106 Resp: 83983
Ion Ratio Lower Upper
106 100
91 223.6 112.5 337.4



#70
Styrene
Concen: 19.254 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX035888.D
Acq: 26 May 2023 17:04

Tgt Ion:104 Resp: 137700
Ion Ratio Lower Upper
104 100
78 57.1 44.7 67.1
103 54.2 44.0 66.0





#71

Bromoform

Concen: 17.636 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX035888.D

Acq: 26 May 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

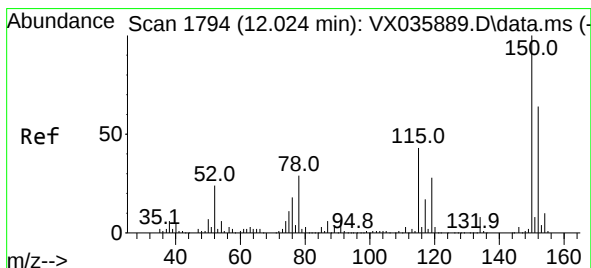
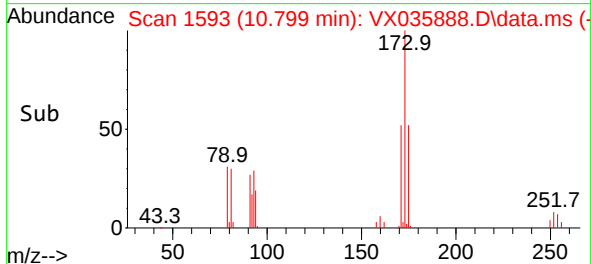
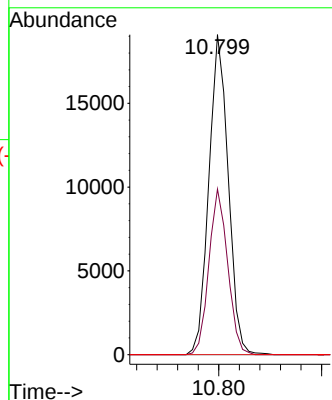
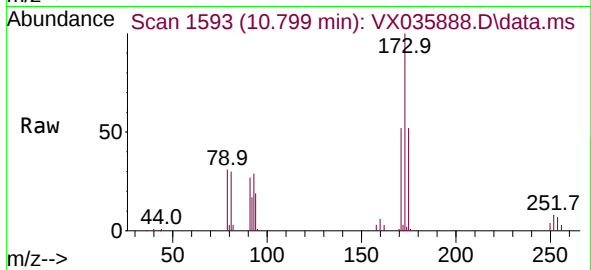
Tgt Ion:173 Resp: 24974

Ion Ratio Lower Upper

173 100

175 50.1 24.2 72.6

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX035888.D

Acq: 26 May 2023 17:04

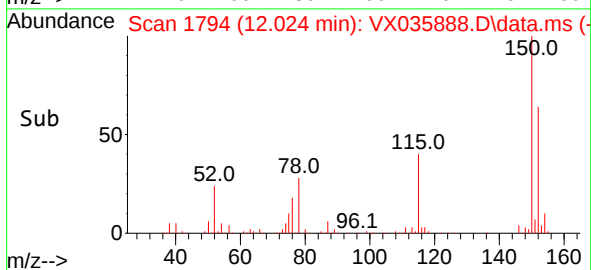
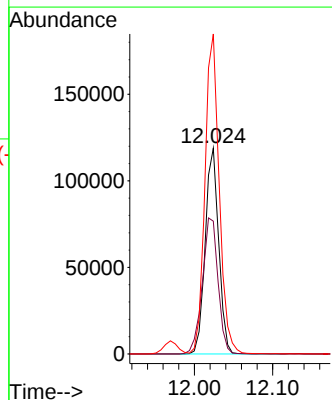
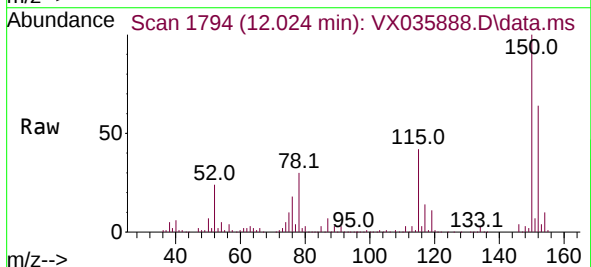
Tgt Ion:152 Resp: 141639

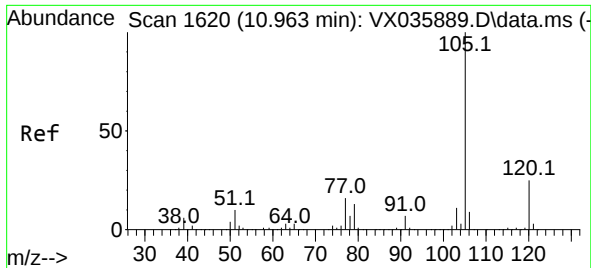
Ion Ratio Lower Upper

152 100

115 76.9 45.5 136.5

150 164.0 0.0 345.2

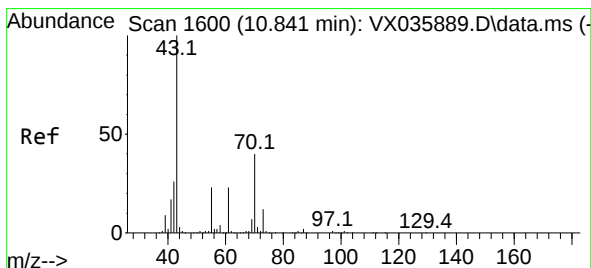
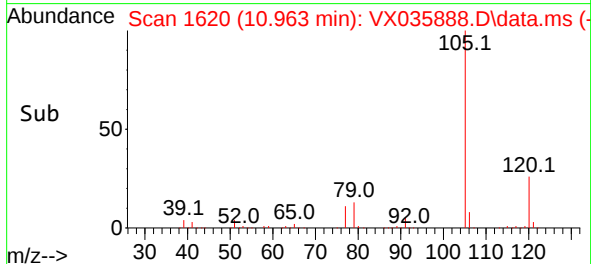
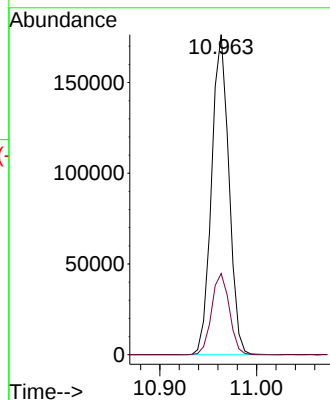
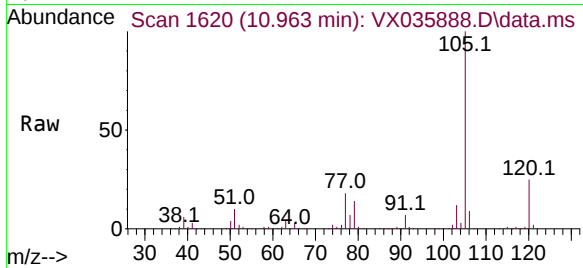




#73
Isopropylbenzene
Concen: 19.115 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX035888.D
Acq: 26 May 2023 17:04

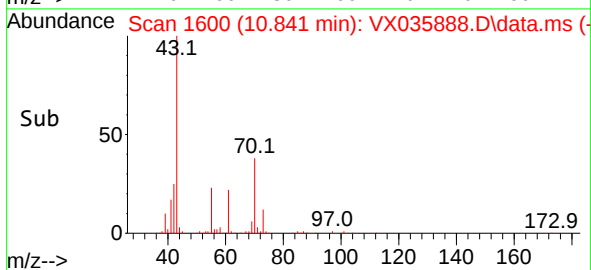
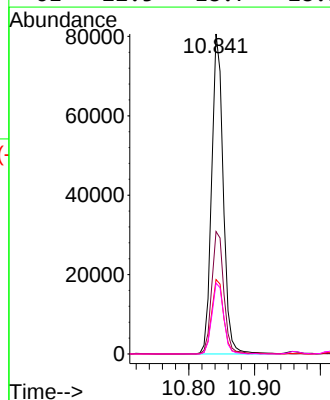
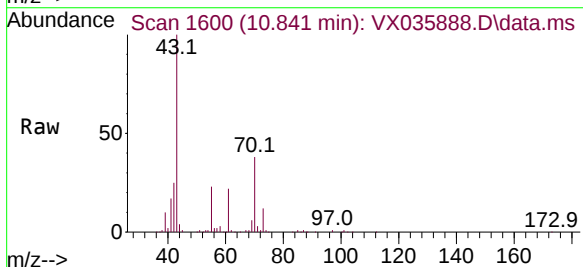
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

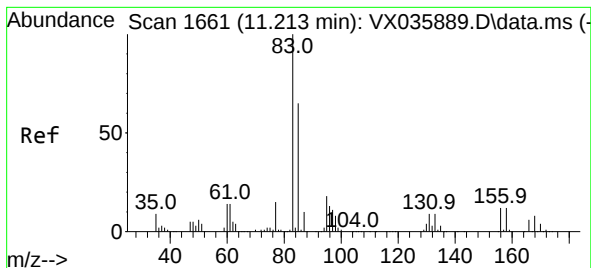
Tgt Ion:105 Resp: 219583
Ion Ratio Lower Upper
105 100
120 25.9 12.7 38.0



#74
N-ethyl acetate
Concen: 19.832 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX035888.D
Acq: 26 May 2023 17:04

Tgt Ion: 43 Resp: 99084
Ion Ratio Lower Upper
43 100
70 40.0 32.6 48.8
55 24.0 19.0 28.4
61 22.5 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.848 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035888.D

Acq: 26 May 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

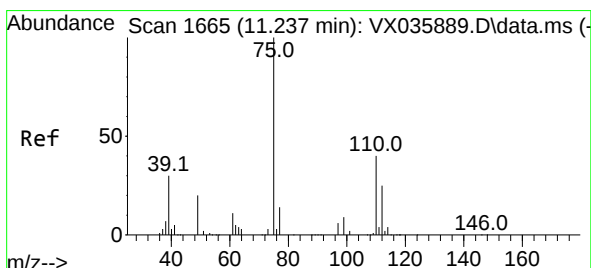
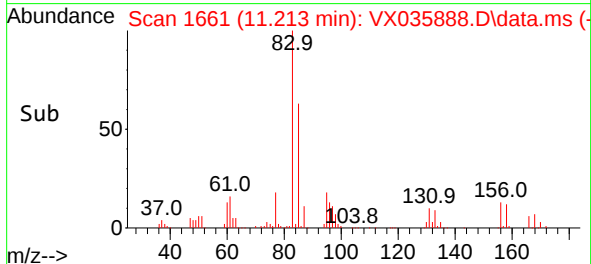
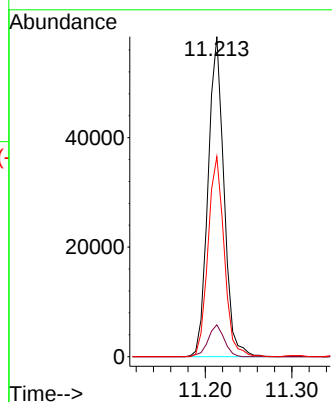
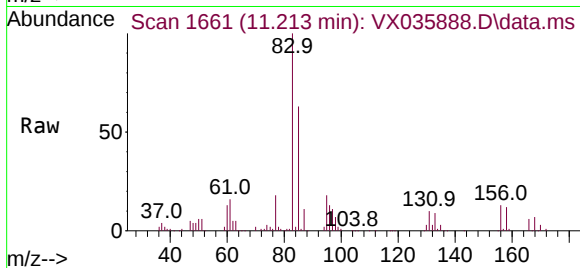
Tgt Ion: 83 Resp: 74527

Ion Ratio Lower Upper

83 100

131 10.2 4.9 14.7

85 63.7 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 22.720 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX035888.D

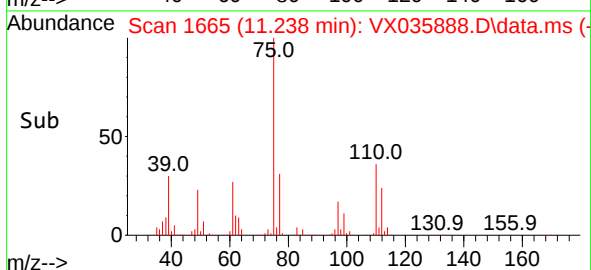
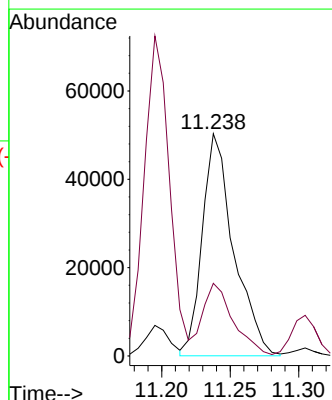
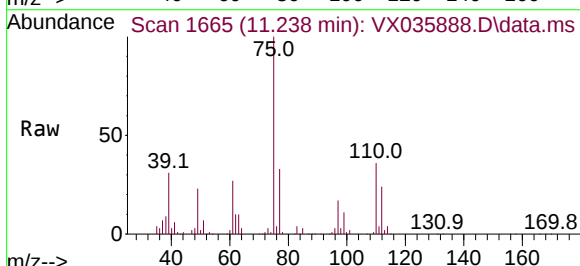
Acq: 26 May 2023 17:04

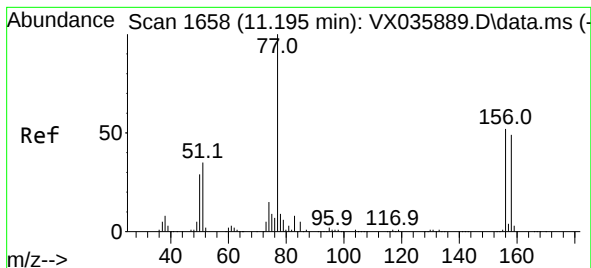
Tgt Ion: 75 Resp: 80308

Ion Ratio Lower Upper

75 100

77 32.0 21.4 64.2





#77

Bromobenzene

Concen: 18.925 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX035888.D

Acq: 26 May 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

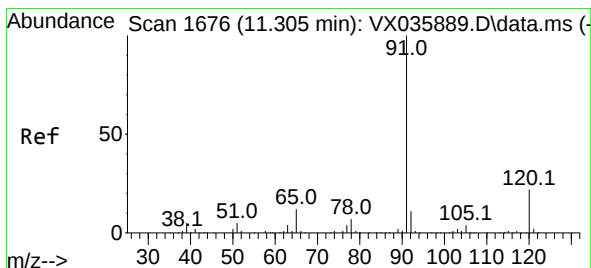
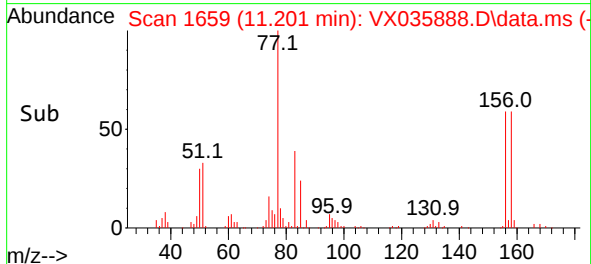
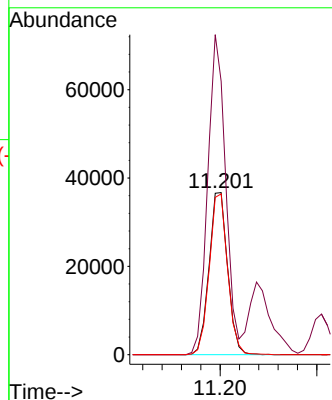
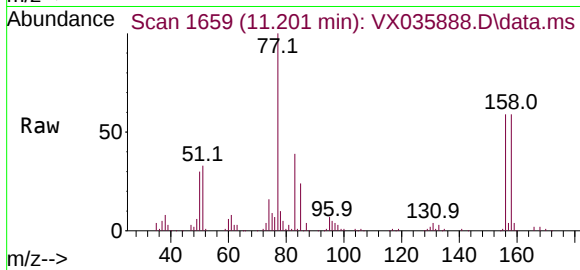
Tgt Ion:156 Resp: 49037

Ion Ratio Lower Upper

156 100

77 189.9 90.8 272.3

158 97.6 47.4 142.3



#78

n-propylbenzene

Concen: 19.522 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX035888.D

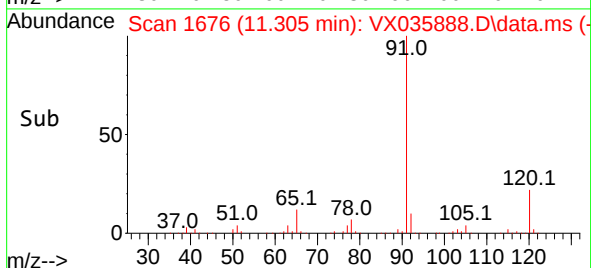
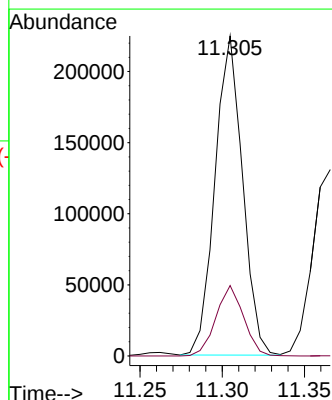
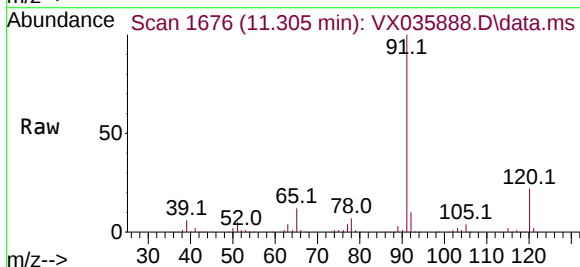
Acq: 26 May 2023 17:04

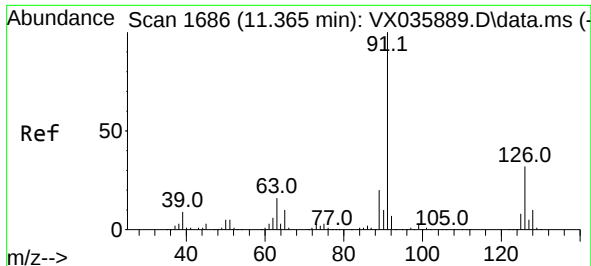
Tgt Ion: 91 Resp: 261379

Ion Ratio Lower Upper

91 100

120 22.1 10.9 32.9





#79

2-Chlorotoluene

Concen: 19.164 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035888.D

Acq: 26 May 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

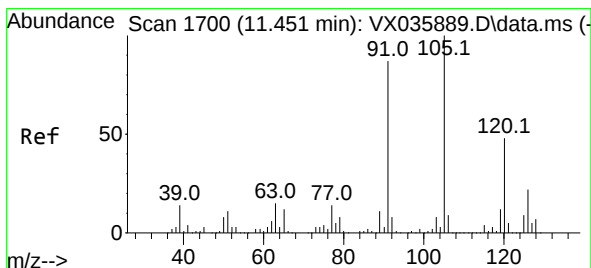
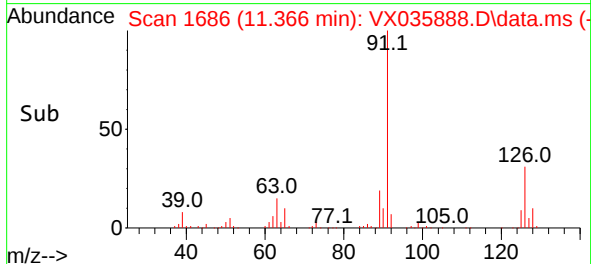
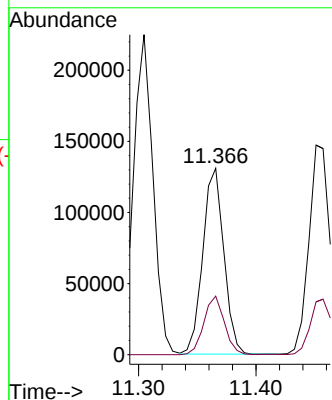
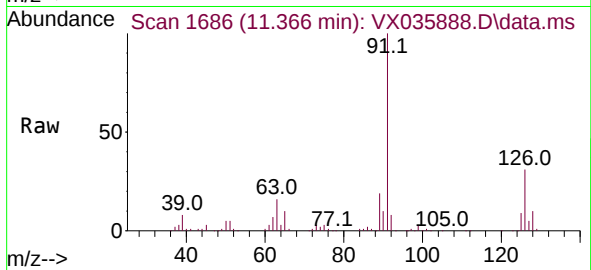
VSTDICC020

Tgt Ion: 91 Resp: 162665

Ion Ratio Lower Upper

91 100

126 30.7 15.8 47.4



#80

1,3,5-Trimethylbenzene

Concen: 19.554 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX035888.D

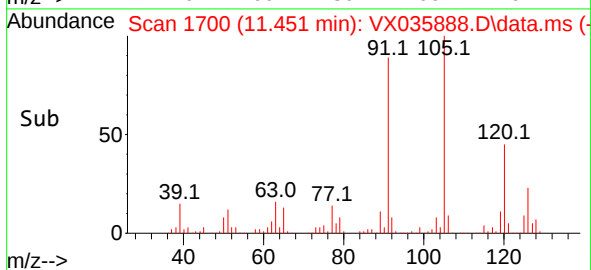
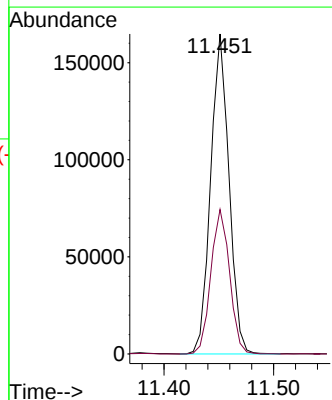
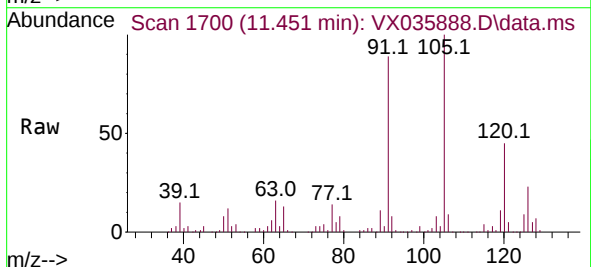
Acq: 26 May 2023 17:04

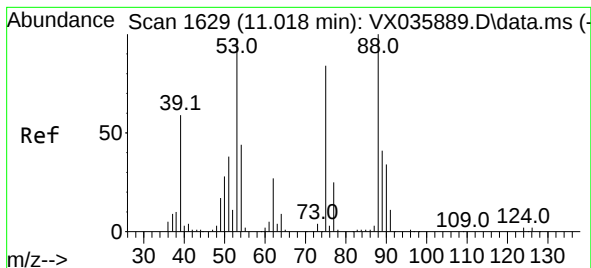
Tgt Ion:105 Resp: 191381

Ion Ratio Lower Upper

105 100

120 46.1 23.8 71.4

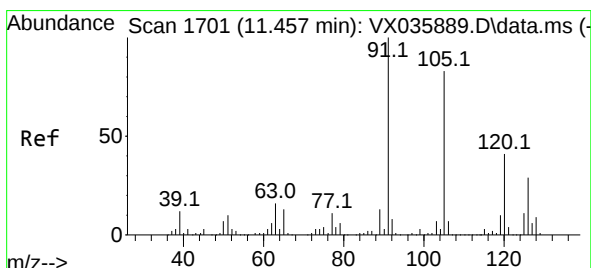
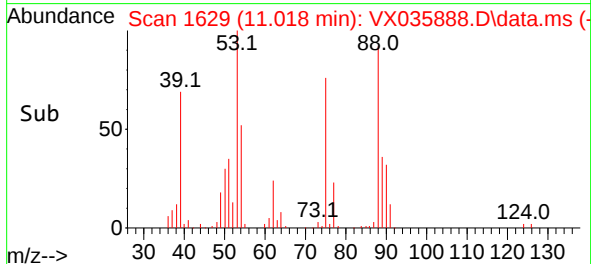
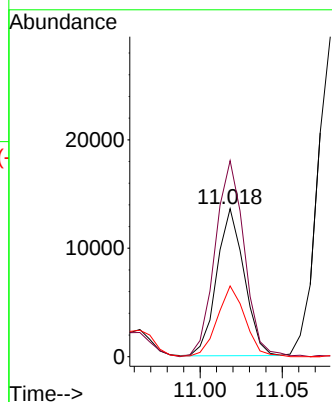
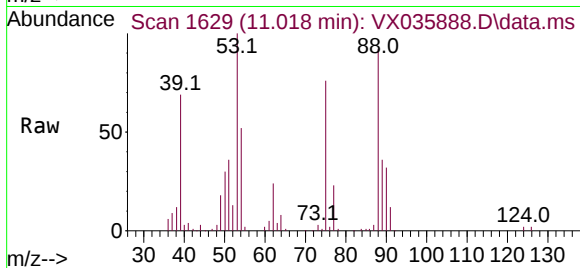




#81
trans-1,4-Dichloro-2-butene
Concen: 19.213 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX035888.D
Acq: 26 May 2023 17:04

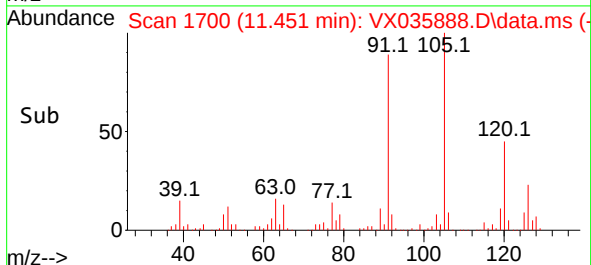
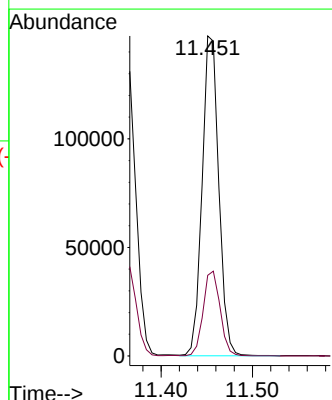
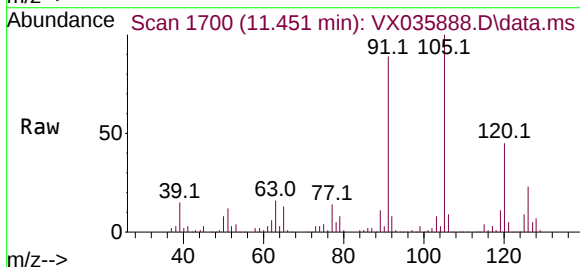
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

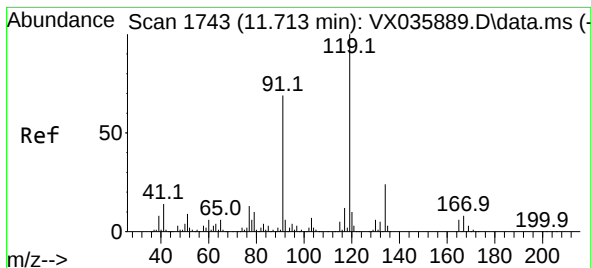
Tgt Ion: 75 Resp: 15799
Ion Ratio Lower Upper
75 100
53 141.7 95.2 142.8
89 48.6 38.0 57.0



#82
4-Chlorotoluene
Concen: 19.293 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX035888.D
Acq: 26 May 2023 17:04

Tgt Ion: 91 Resp: 186350
Ion Ratio Lower Upper
91 100
126 27.0 13.7 41.0





#83

tert-Butylbenzene

Concen: 19.146 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX035888.D

Acq: 26 May 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

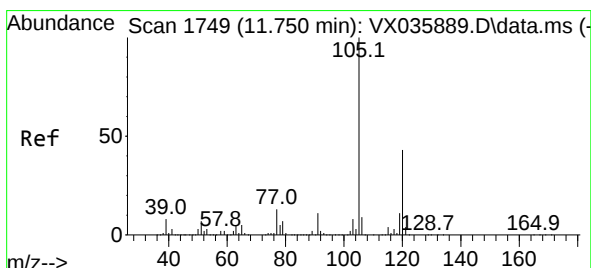
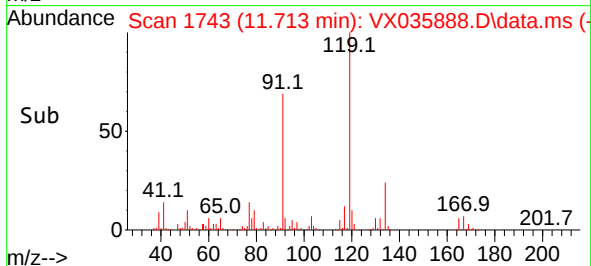
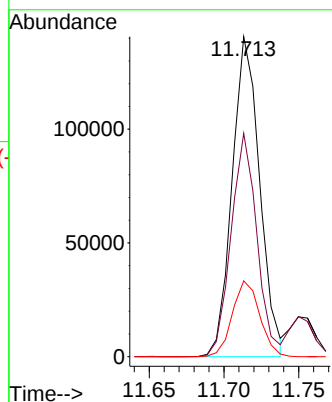
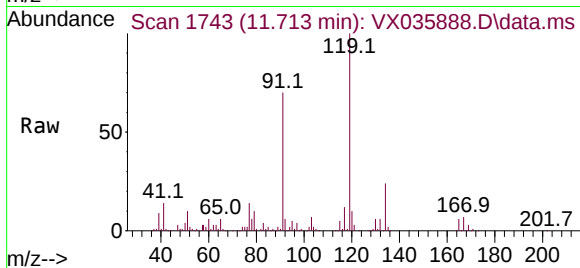
Tgt Ion:119 Resp: 179882

Ion Ratio Lower Upper

119 100

91 65.8 32.4 97.0

134 23.6 11.6 34.8



#84

1,2,4-Trimethylbenzene

Concen: 19.560 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX035888.D

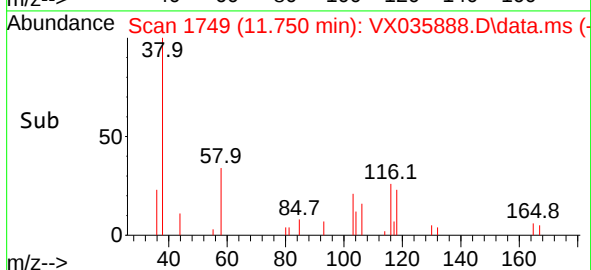
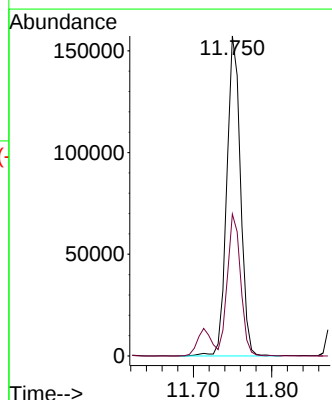
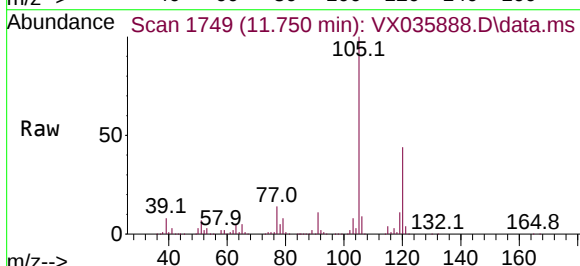
Acq: 26 May 2023 17:04

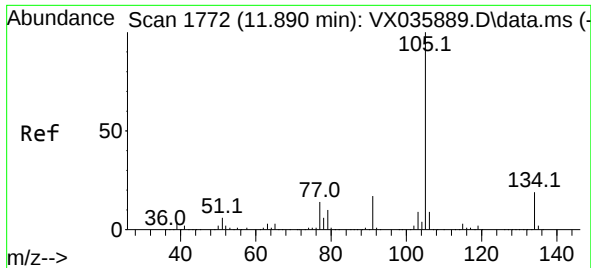
Tgt Ion:105 Resp: 191720

Ion Ratio Lower Upper

105 100

120 42.9 21.6 64.8

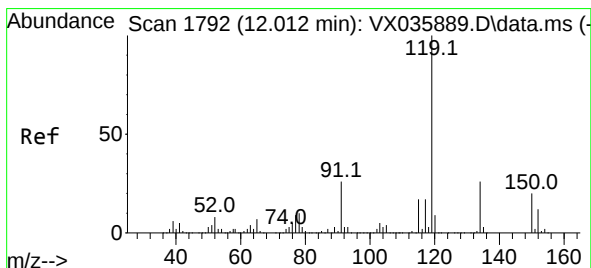
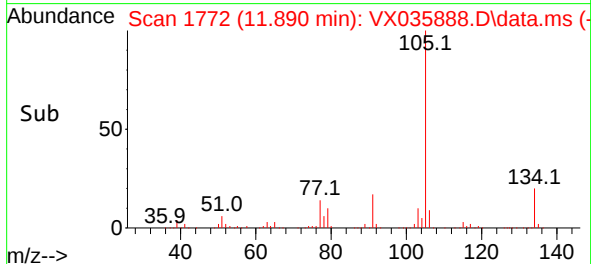
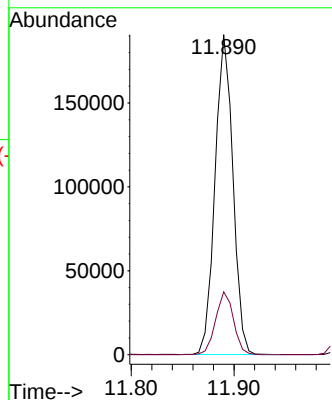
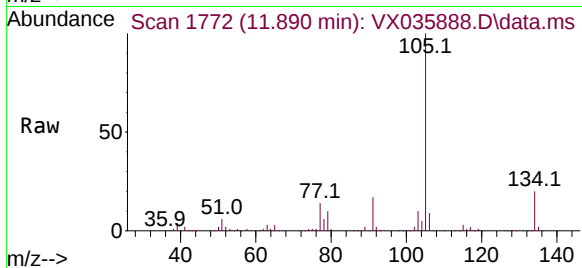




#85
 sec-Butylbenzene
 Concen: 19.554 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035888.D
 Acq: 26 May 2023 17:04

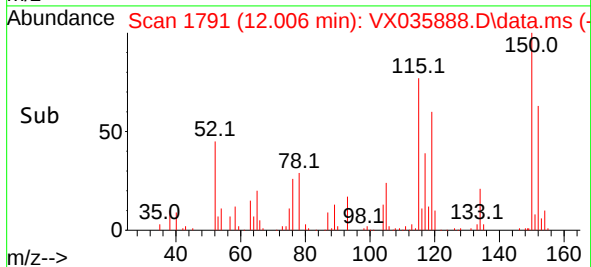
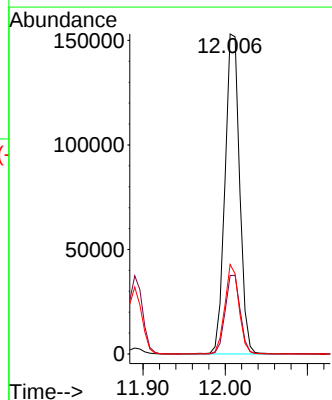
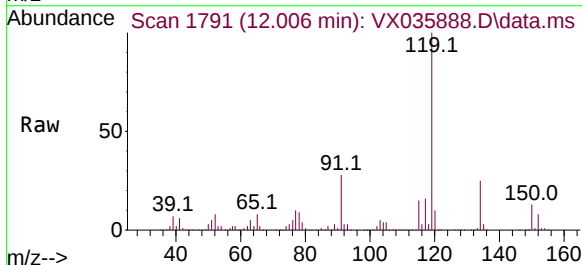
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

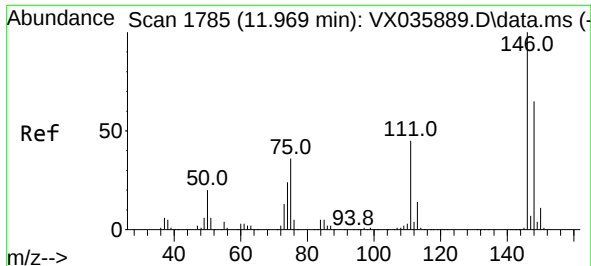
Tgt Ion:105 Resp: 229596
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 19.326 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX035888.D
 Acq: 26 May 2023 17:04

Tgt Ion:119 Resp: 189746
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.7 38.1
 91 27.0 13.5 40.5

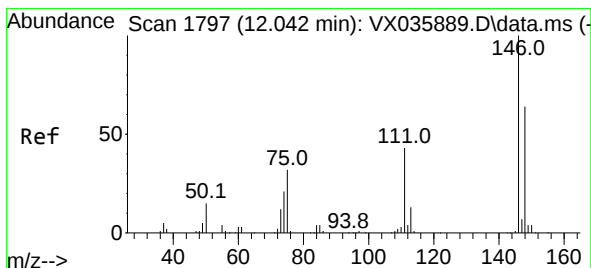
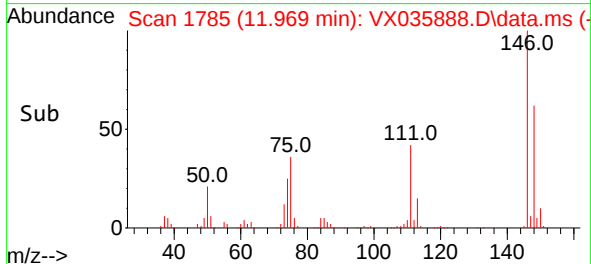
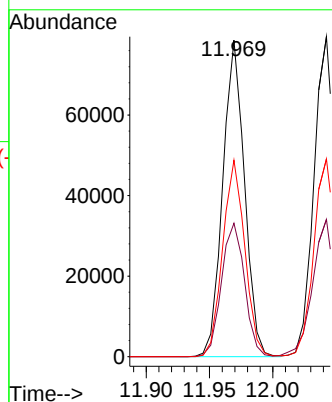
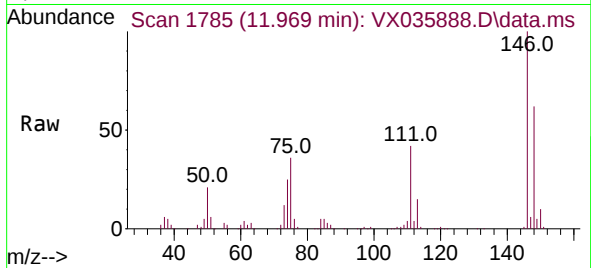




#87
1,3-Dichlorobenzene
Concen: 18.935 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035888.D
Acq: 26 May 2023 17:04

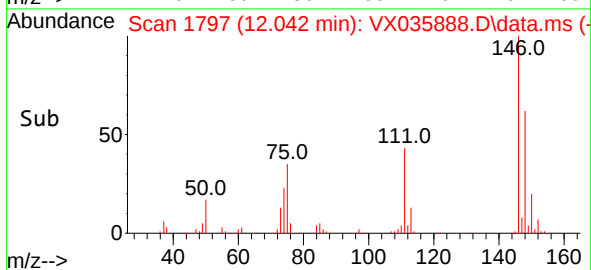
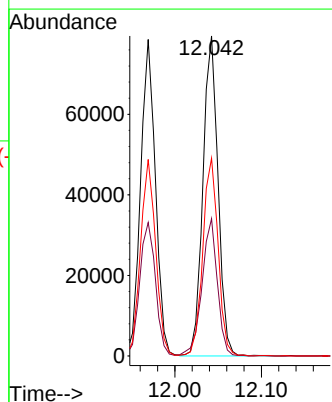
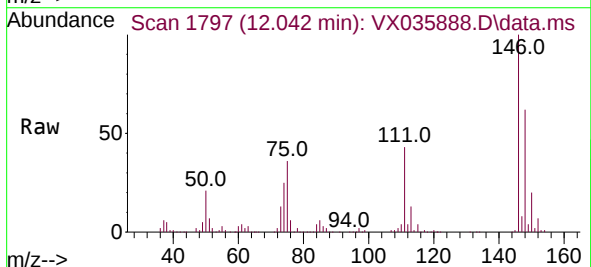
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

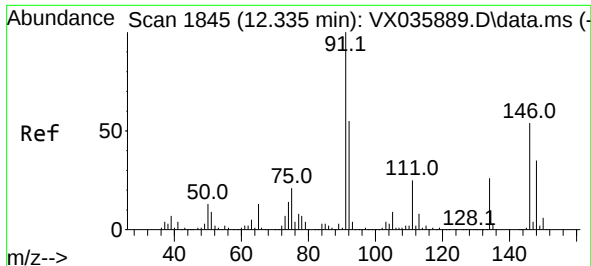
Tgt Ion:146 Resp: 93645
Ion Ratio Lower Upper
146 100
111 44.8 22.6 67.7
148 63.3 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 18.866 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX035888.D
Acq: 26 May 2023 17:04

Tgt Ion:146 Resp: 96186
Ion Ratio Lower Upper
146 100
111 43.8 21.8 65.3
148 62.7 31.9 95.7





#89

n-Butylbenzene

Concen: 19.349 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX035888.D

Acq: 26 May 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

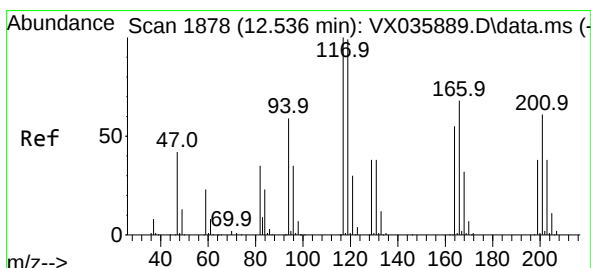
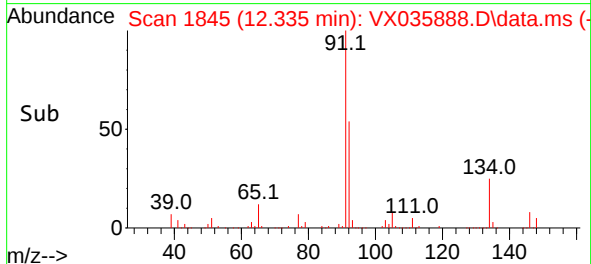
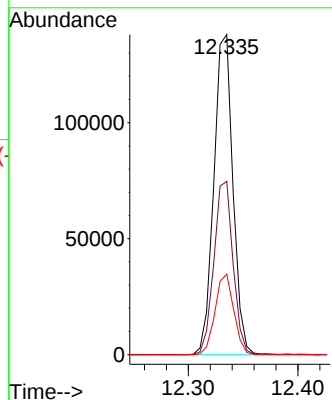
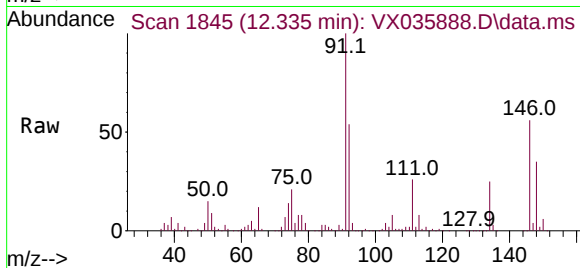
Tgt Ion: 91 Resp: 166981

Ion Ratio Lower Upper

91 100

92 54.5 27.3 81.8

134 24.7 12.4 37.0



#90

Hexachloroethane

Concen: 18.604 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX035888.D

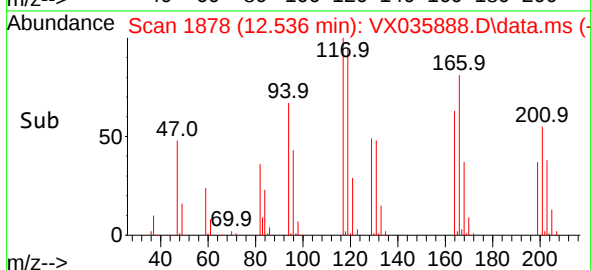
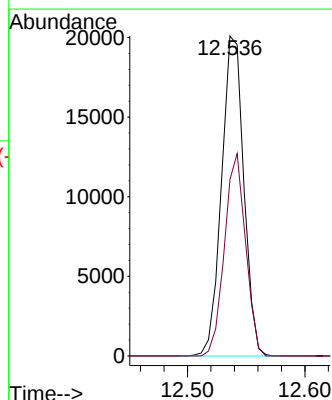
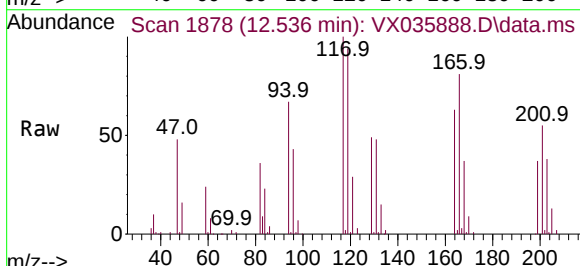
Acq: 26 May 2023 17:04

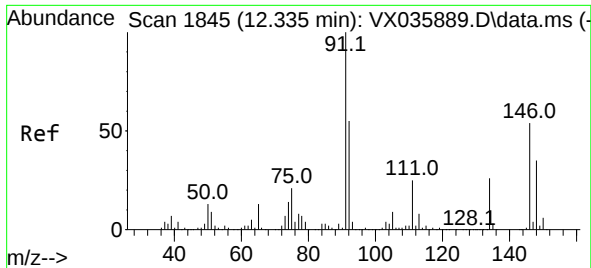
Tgt Ion: 117 Resp: 26424

Ion Ratio Lower Upper

117 100

201 59.9 32.7 98.1

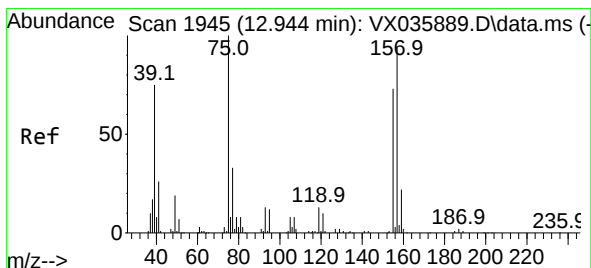
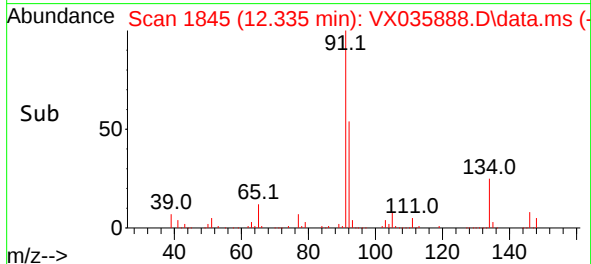
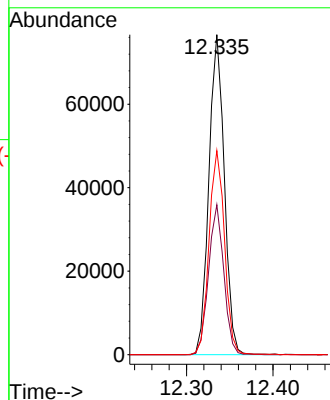
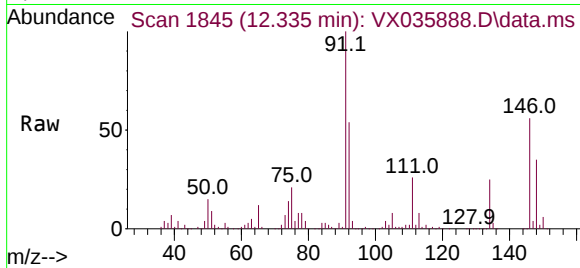




#91
1,2-Dichlorobenzene
Concen: 19.398 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035888.D
Acq: 26 May 2023 17:04

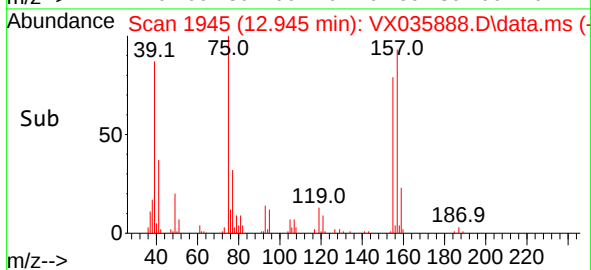
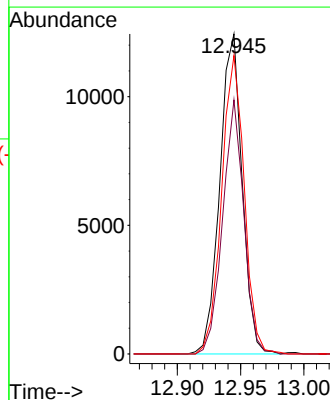
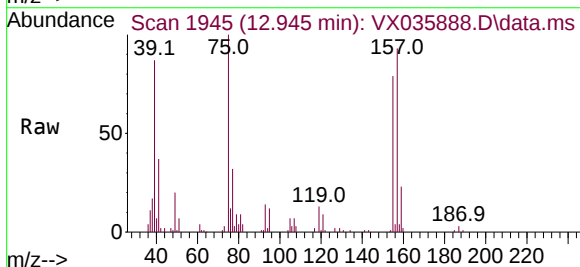
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

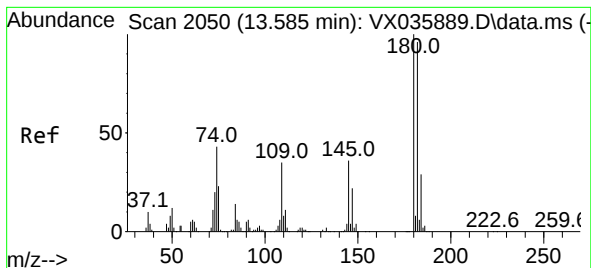
Tgt Ion:146 Resp: 94755
Ion Ratio Lower Upper
146 100
111 46.3 23.3 69.9
148 64.1 31.9 95.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.399 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX035888.D
Acq: 26 May 2023 17:04

Tgt Ion: 75 Resp: 15243
Ion Ratio Lower Upper
75 100
155 75.0 35.3 105.7
157 94.0 45.6 136.8





#93

1,2,4-Trichlorobenzene

Concen: 18.970 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX035888.D

Acq: 26 May 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

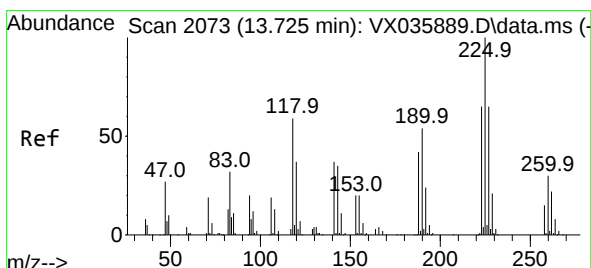
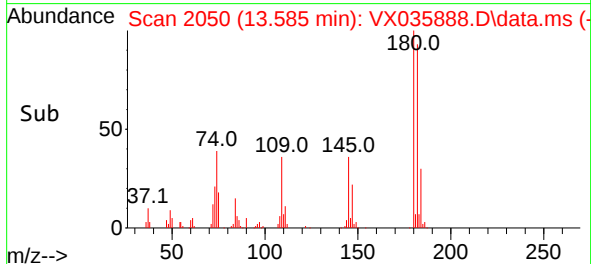
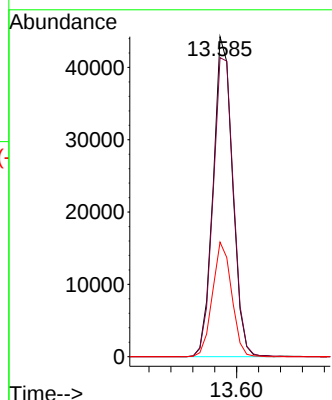
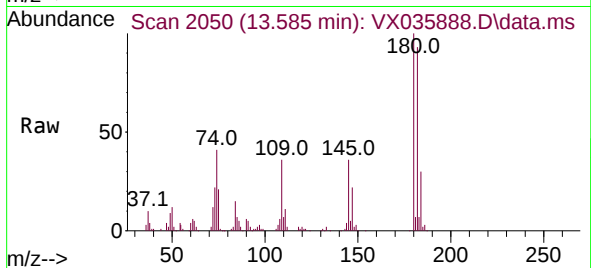
Tgt Ion:180 Resp: 54486

Ion Ratio Lower Upper

180 100

182 97.9 47.3 141.8

145 35.2 17.3 51.9



#94

Hexachlorobutadiene

Concen: 19.285 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX035888.D

Acq: 26 May 2023 17:04

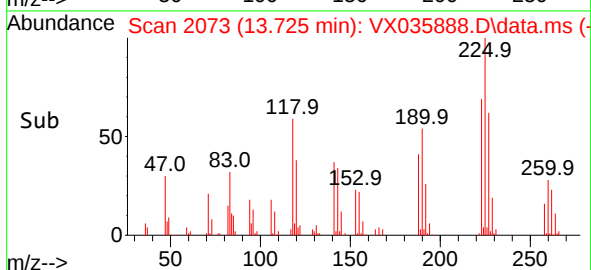
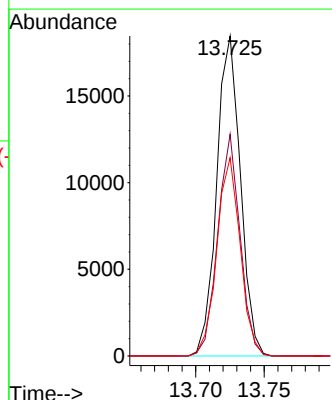
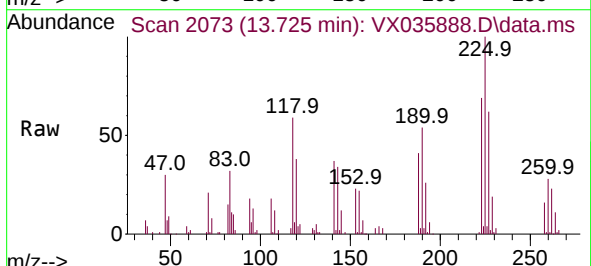
Tgt Ion:225 Resp: 22210

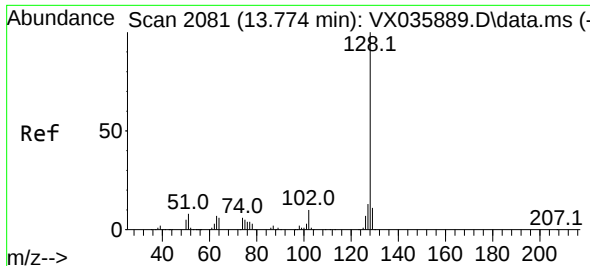
Ion Ratio Lower Upper

225 100

223 65.1 32.6 97.7

227 61.1 31.9 95.7

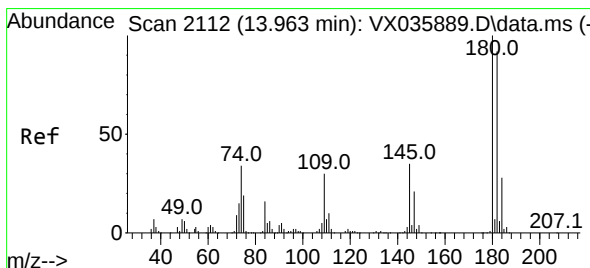
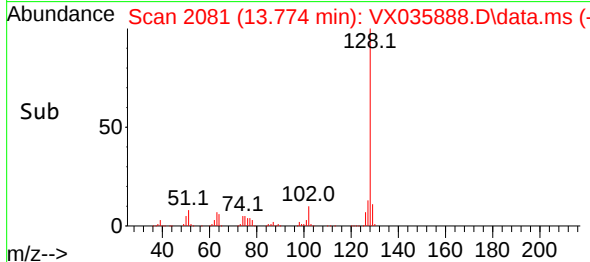
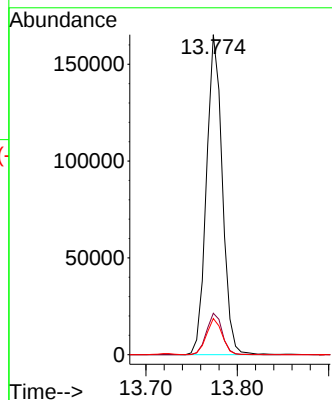
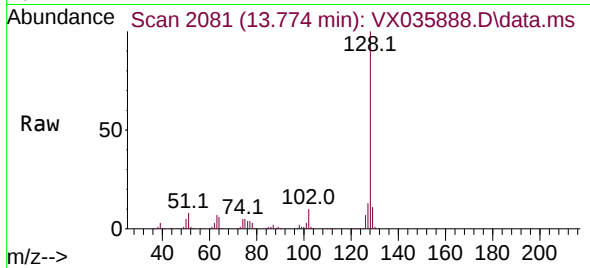




#95
Naphthalene
Concen: 19.987 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX035888.D
Acq: 26 May 2023 17:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:128 Resp: 199447
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.978 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX035888.D
Acq: 26 May 2023 17:04

Tgt Ion:180 Resp: 54320
Ion Ratio Lower Upper
180 100
182 96.7 46.9 140.7
145 37.3 18.1 54.3

