

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052623\
 Data File : VX035886.D
 Acq On : 26 May 2023 15:54
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: May 29 07:20:21 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	210591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	363294	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	322367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	144059	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	6335	1.693	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	3.380%#
35) Dibromofluoromethane	5.379	113	4265	1.709	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	3.420%#
50) Toluene-d8	8.647	98	13330	1.455	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	2.920%#
62) 4-Bromofluorobenzene	11.079	95	4177	1.158	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	2.320%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	2671	0.954	ug/l	93
3) Chloromethane	1.295	50	2916	1.010	ug/l #	81
4) Vinyl Chloride	1.374	62	2750	0.991	ug/l #	85
5) Bromomethane	1.618	94	1938	1.166	ug/l	93
6) Chloroethane	1.691	64	1687	1.088	ug/l	89
7) Trichlorofluoromethane	1.886	101	4217	1.013	ug/l	99
8) Diethyl Ether	2.130	74	1366	0.894	ug/l	60
9) 1,1,2-Trichlorotrifluo...	2.325	101	2507	1.016	ug/l	96
10) Methyl Iodide	2.447	142	2016	0.805	ug/l	97
11) Tert butyl alcohol	3.008	59	2983	4.580	ug/l #	85
12) 1,1-Dichloroethene	2.319	96	2394	1.035	ug/l #	86
13) Acrolein	2.239	56	3500	5.416	ug/l	99
14) Allyl chloride	2.666	41	4492	0.983	ug/l	95
15) Acrylonitrile	3.069	53	7243	4.859	ug/l	98
16) Acetone	2.392	43	8372	5.541	ug/l	98
17) Carbon Disulfide	2.514	76	5346	0.998	ug/l	99
18) Methyl Acetate	2.703	43	5748	0.985	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	8694	0.975	ug/l	97
20) Methylene Chloride	2.788	84	6137	1.424	ug/l #	92
21) trans-1,2-Dichloroethene	3.087	96	2699	1.059	ug/l	93
22) Diisopropyl ether	3.757	45	8711	0.950	ug/l #	96
23) Vinyl Acetate	3.721	43	27415	4.290	ug/l	96
24) 1,1-Dichloroethane	3.605	63	5028	0.993	ug/l #	94
25) 2-Butanone	4.568	43	10463	4.788	ug/l	94
26) 2,2-Dichloropropane	4.471	77	3843	0.984	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	2932	0.989	ug/l	97
28) Bromochloromethane	4.904	49	2308	0.941	ug/l #	90
29) Tetrahydrofuran	5.019	42	6543	4.628	ug/l #	50
30) Chloroform	5.087	83	4983	0.959	ug/l #	83
31) Cyclohexane	5.471	56	4507	1.014	ug/l #	86
32) 1,1,1-Trichloroethane	5.379	97	4081	0.909	ug/l #	36
36) 1,1-Dichloropropene	5.690	75	3940	1.040	ug/l	95
37) Ethyl Acetate	4.715	43	4160	1.014	ug/l #	88
38) Carbon Tetrachloride	5.678	117	3388	0.949	ug/l	92
39) Methylcyclohexane	7.379	83	4188	0.969	ug/l #	88
40) Benzene	6.038	78	10855	1.023	ug/l	91

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052623W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	2334	1.000	ug/l #	75
42) 1,2-Dichloroethane	6.092	62	4379	0.977	ug/l	100
43) Isopropyl Acetate	6.336	43	5876	0.894	ug/l	95
44) Trichloroethene	7.129	130	2593	0.981	ug/l	91
45) 1,2-Dichloropropane	7.434	63	2914	1.041	ug/l	95
46) Dibromomethane	7.580	93	1862	0.969	ug/l	98
47) Bromodichloromethane	7.824	83	3268	0.912	ug/l #	98
48) Methyl methacrylate	7.696	41	3321	0.984	ug/l	92
49) 1,4-Dioxane	7.720	88	1082	15.026	ug/l #	78
51) 4-Methyl-2-Pentanone	8.574	43	19052	4.656	ug/l	95
52) Toluene	8.720	92	6560	0.984	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	2775	0.750	ug/l #	84
54) cis-1,3-Dichloropropene	8.366	75	3176	0.787	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	2425	0.918	ug/l	93
56) Ethyl methacrylate	9.116	69	3528	0.848	ug/l	97
57) 1,3-Dichloropropane	9.311	76	5014	1.046	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	9891	4.493	ug/l	98
59) 2-Hexanone	9.433	43	14296	4.622	ug/l	92
60) Dibromochloromethane	9.519	129	1788	0.739	ug/l	93
61) 1,2-Dibromoethane	9.610	107	2627	0.944	ug/l	88
64) Tetrachloroethene	9.275	164	2356	1.080	ug/l	92
65) Chlorobenzene	10.080	112	6864	1.000	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	1967	0.835	ug/l #	66
67) Ethyl Benzene	10.195	91	12856	1.010	ug/l	96
68) m/p-Xylenes	10.299	106	8710	1.849	ug/l	93
69) o-Xylene	10.640	106	4259	0.910	ug/l	88
70) Styrene	10.653	104	6829	0.888	ug/l	94
71) Bromoform	10.799	173	1198	0.787	ug/l #	89
73) Isopropylbenzene	10.964	105	11479	0.982	ug/l	100
74) N-amyl acetate	10.842	43	4401	0.866	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	3913	1.025	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	4063	1.130	ug/l	83
77) Bromobenzene	11.201	156	2550	0.968	ug/l	88
78) n-propylbenzene	11.305	91	12877	0.946	ug/l	97
79) 2-Chlorotoluene	11.366	91	9194	1.065	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	9283	0.933	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	617	6.807	ug/l #	70
82) 4-Chlorotoluene	11.457	91	9614	0.979	ug/l	95
83) tert-Butylbenzene	11.713	119	9137	0.956	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	9303	0.933	ug/l	99
85) sec-Butylbenzene	11.890	105	11175	0.936	ug/l	96
86) p-Isopropyltoluene	12.012	119	9003	0.902	ug/l	92
87) 1,3-Dichlorobenzene	11.969	146	4870	0.968	ug/l	97
88) 1,4-Dichlorobenzene	11.969	146	4870	0.939	ug/l	96
89) n-Butylbenzene	12.329	91	7796	0.888	ug/l	99
90) Hexachloroethane	12.543	117	1102	0.763	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	5123	1.031	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	636	0.796	ug/l	83
93) 1,2,4-Trichlorobenzene	13.585	180	2850	0.976	ug/l	100
94) Hexachlorobutadiene	13.725	225	1297	1.107	ug/l	88
95) Naphthalene	13.774	128	9486	0.935	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	2971	1.021	ug/l	93

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VSTDICC001

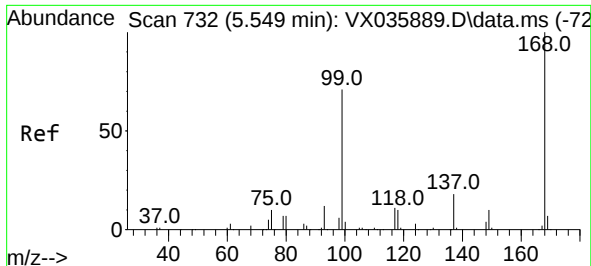
Quant Time: May 29 07:20:21 2023
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Quant Title : SW846 8260
QLast Update : Mon May 29 07:19:34 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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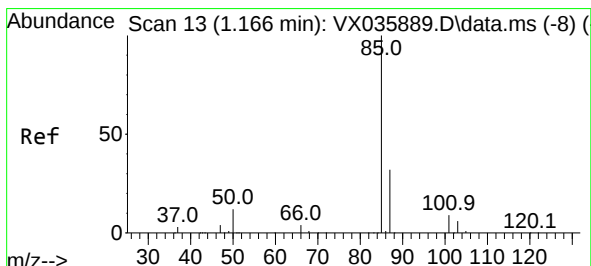
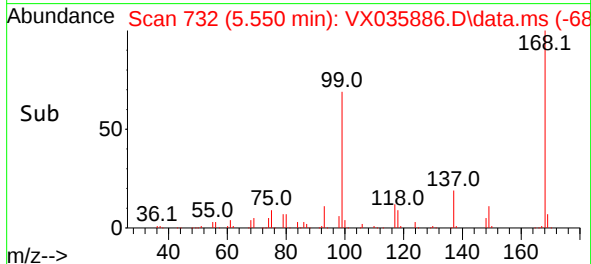
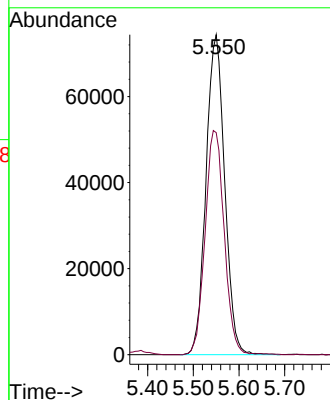
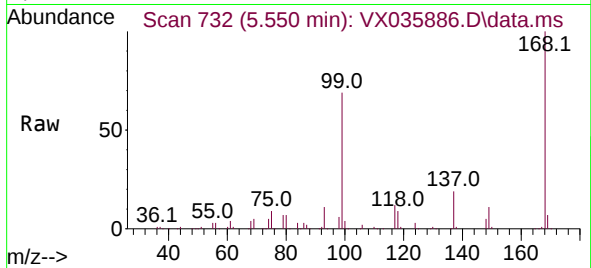




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035886.D
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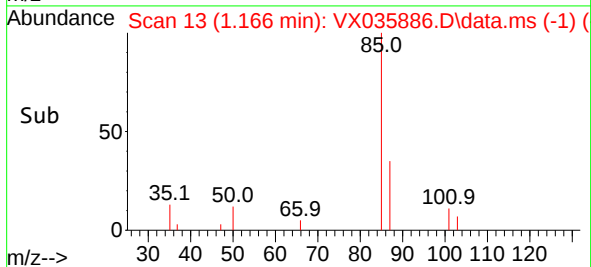
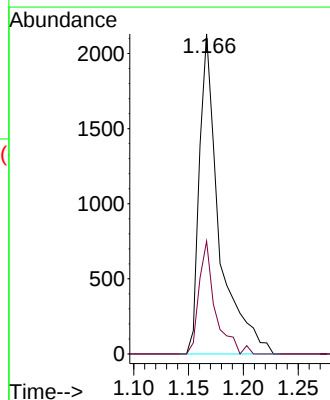
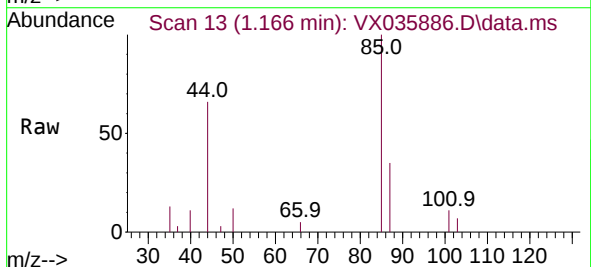
Instrument :
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ClientSampleId :
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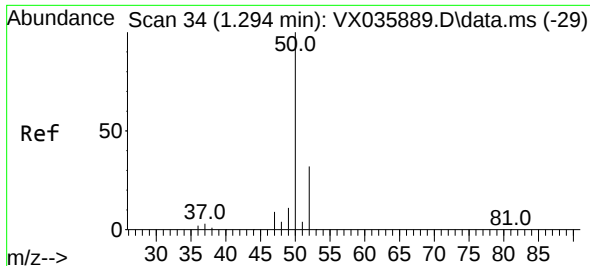
Tgt Ion:168 Resp: 210591
Ion Ratio Lower Upper
168 100
99 69.4 57.0 85.6



#2
Dichlorodifluoromethane
Concen: 0.954 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035886.D
Acq: 26 May 2023 15:54

Tgt Ion: 85 Resp: 2671
Ion Ratio Lower Upper
85 100
87 35.3 15.8 47.4

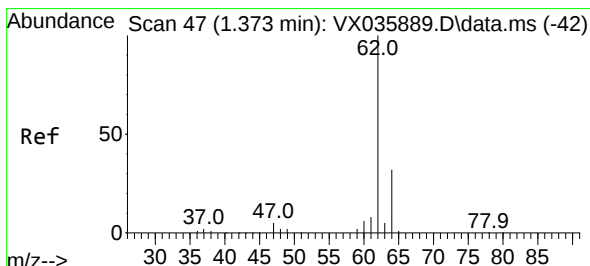
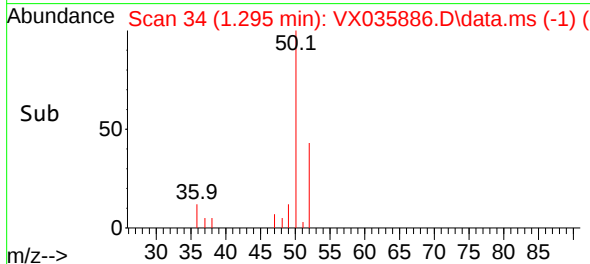
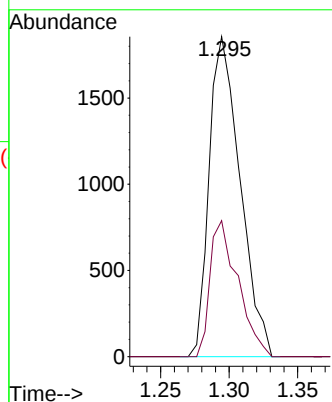
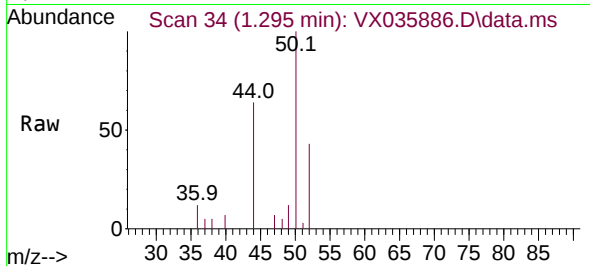




#3
Chloromethane
Concen: 1.010 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035886.D
Acq: 26 May 2023 15:54

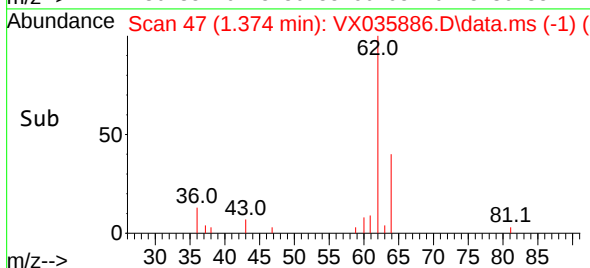
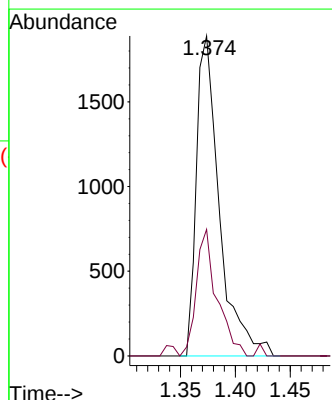
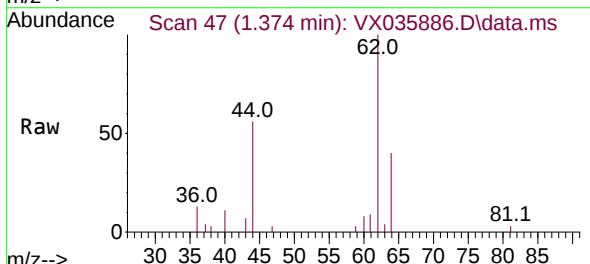
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ClientSampleId :
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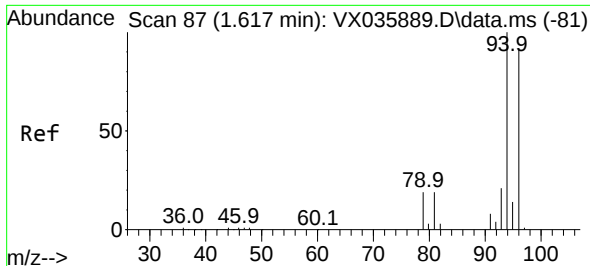
Tgt Ion: 50 Resp: 2916
Ion Ratio Lower Upper
50 100
52 42.5 25.4 38.2#



#4
Vinyl Chloride
Concen: 0.991 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX035886.D
Acq: 26 May 2023 15:54

Tgt Ion: 62 Resp: 2750
Ion Ratio Lower Upper
62 100
64 39.5 25.2 37.8#

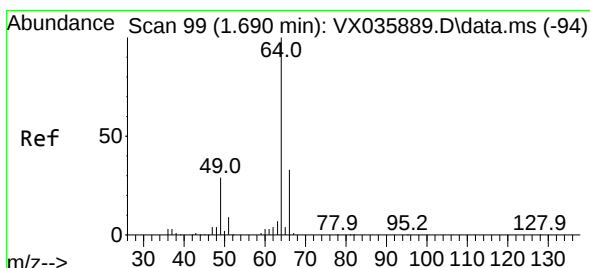
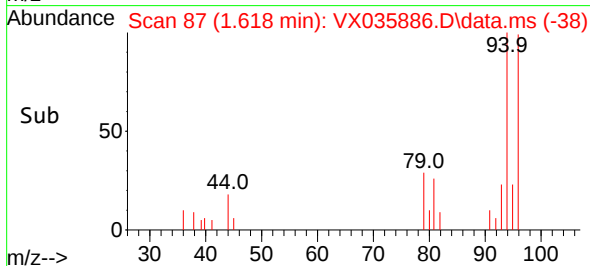
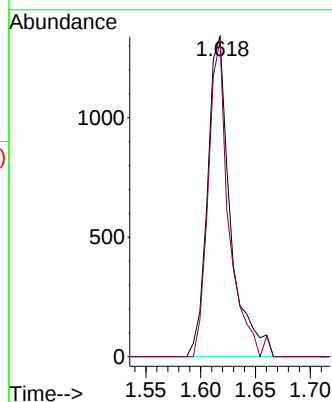
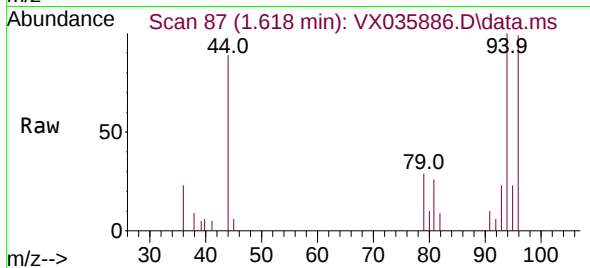




#5
Bromomethane
Concen: 1.166 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX035886.D
Acq: 26 May 2023 15:54

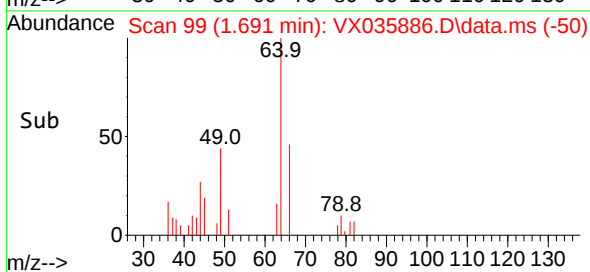
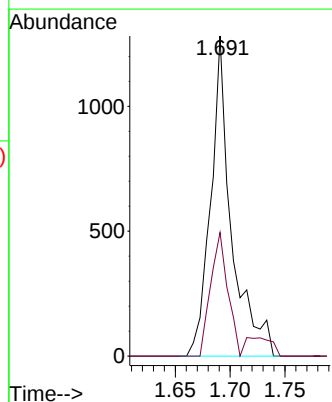
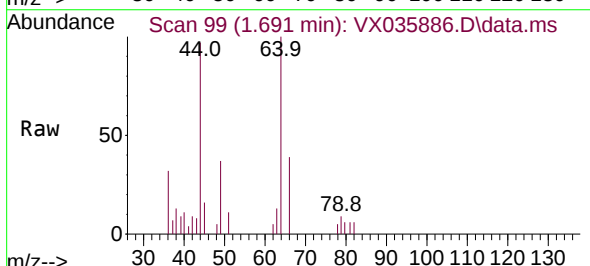
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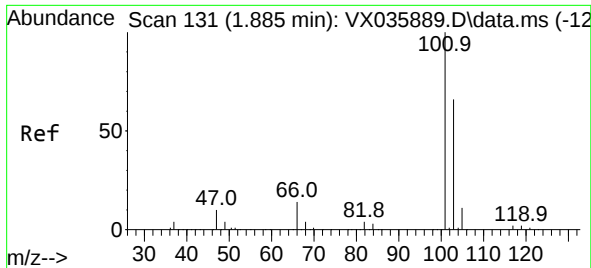
Tgt Ion: 94 Resp: 1938
Ion Ratio Lower Upper
94 100
96 98.7 73.5 110.3



#6
Chloroethane
Concen: 1.088 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX035886.D
Acq: 26 May 2023 15:54

Tgt Ion: 64 Resp: 1687
Ion Ratio Lower Upper
64 100
66 38.6 26.0 39.0

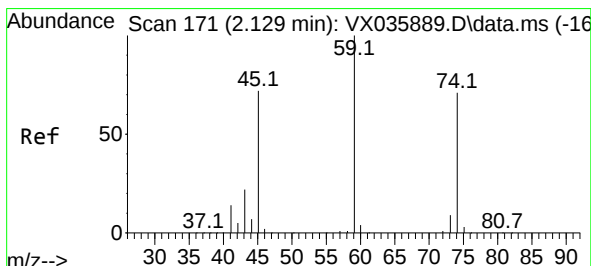
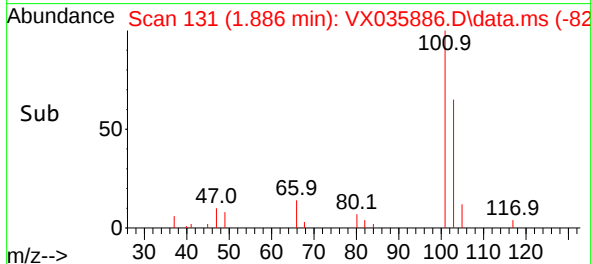
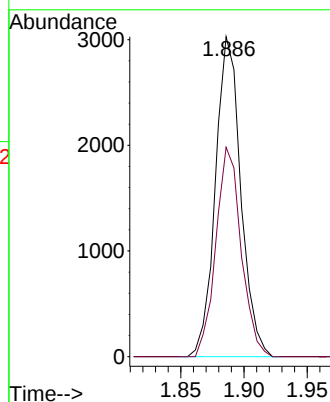
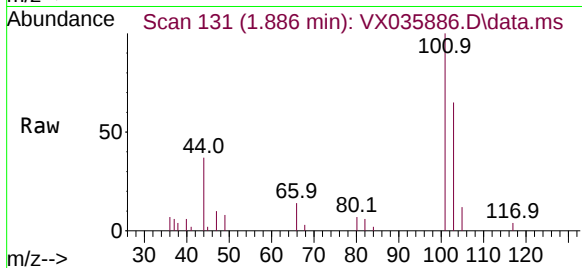




#7
 Trichlorofluoromethane
 Concen: 1.013 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. 0.000 min
 Lab File: VX035886.D
 Acq: 26 May 2023 15:54

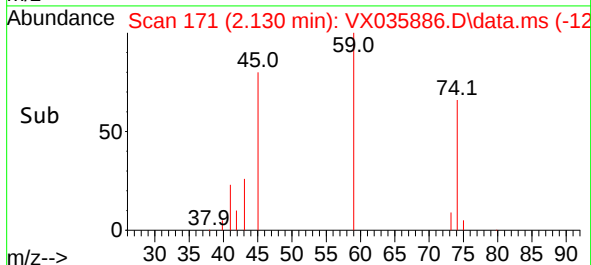
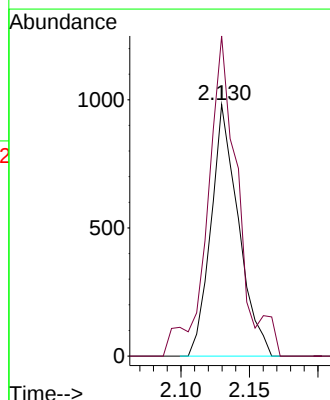
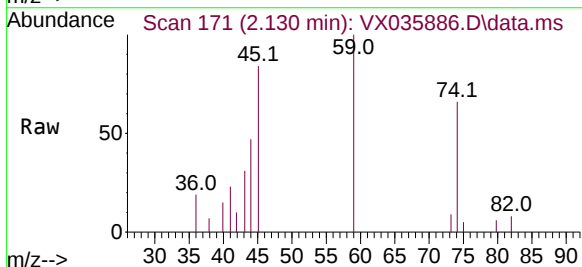
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 ClientSampleId :
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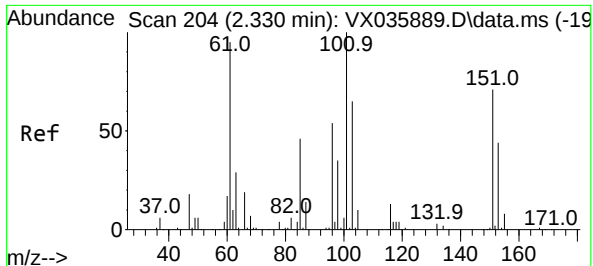
Tgt Ion:101 Resp: 4217
 Ion Ratio Lower Upper
 101 100
 103 65.5 53.2 79.8



#8
 Diethyl Ether
 Concen: 0.894 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VX035886.D
 Acq: 26 May 2023 15:54

Tgt Ion: 74 Resp: 1366
 Ion Ratio Lower Upper
 74 100
 45 141.4 50.6 151.9

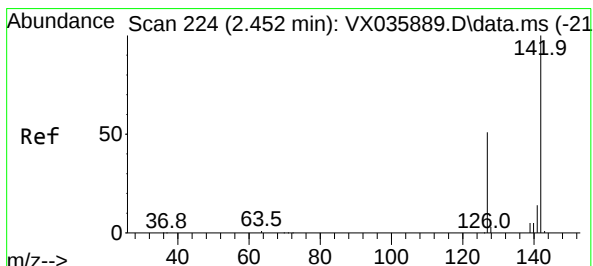
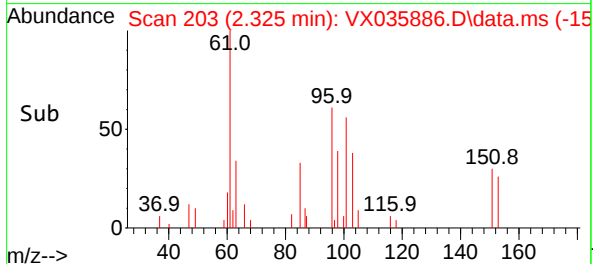
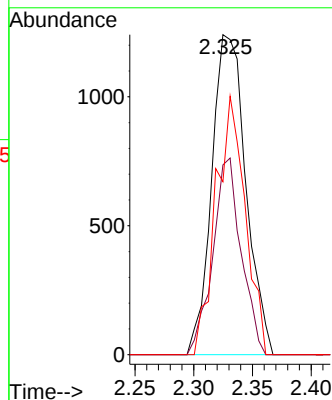
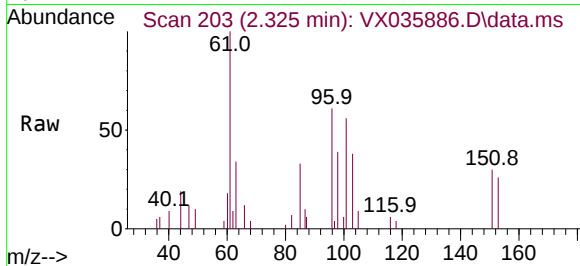




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.016 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX035886.D
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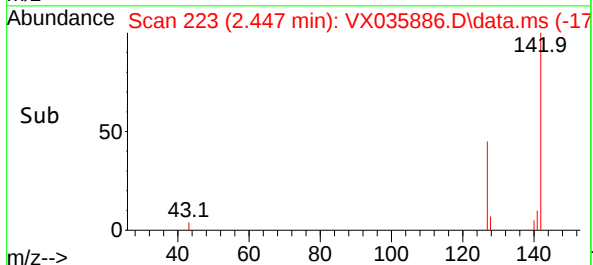
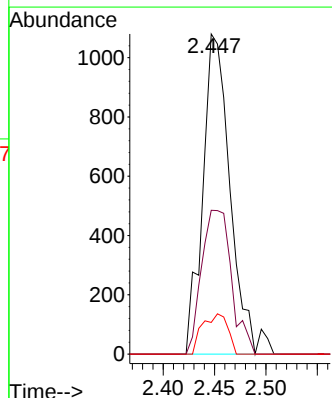
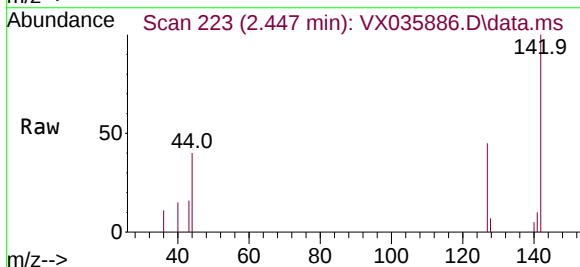
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

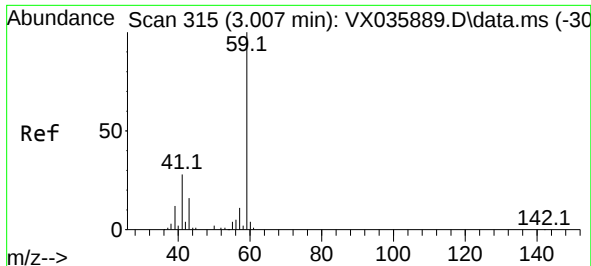
Tgt Ion:101 Resp: 2507
Ion Ratio Lower Upper
101 100
85 51.3 37.3 55.9
151 69.6 57.0 85.6



#10
Methyl Iodide
Concen: 0.805 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX035886.D
Acq: 26 May 2023 15:54

Tgt Ion:142 Resp: 2016
Ion Ratio Lower Upper
142 100
127 48.6 40.3 60.5
141 11.6 11.4 17.0

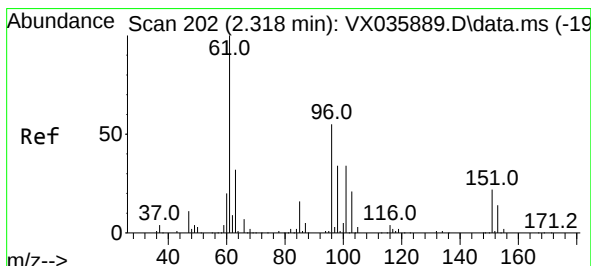
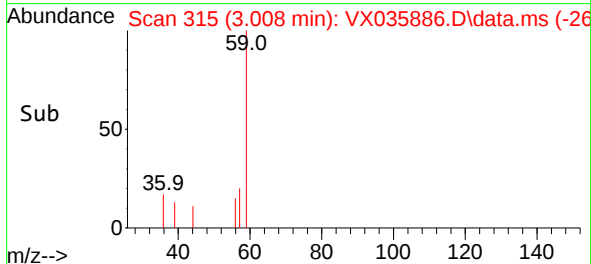
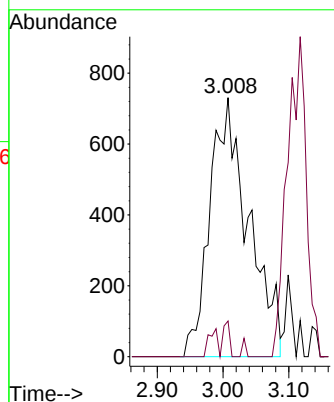
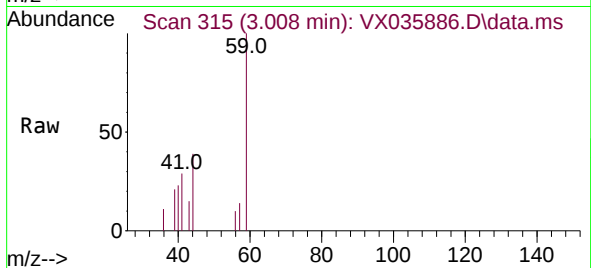




#11
Tert butyl alcohol
Concen: 4.580 ug/l
RT: 3.008 min Scan# 315
Delta R.T. 0.000 min
Lab File: VX035886.D
Acq: 26 May 2023 15:54

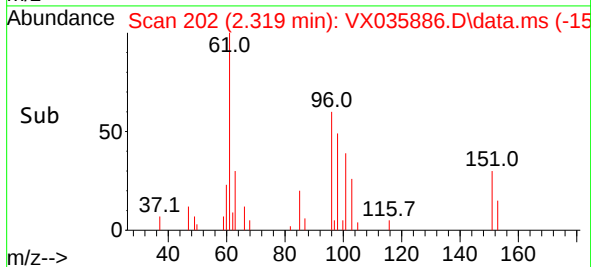
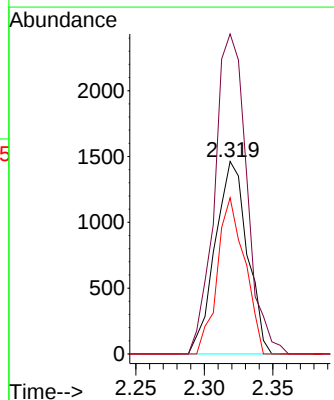
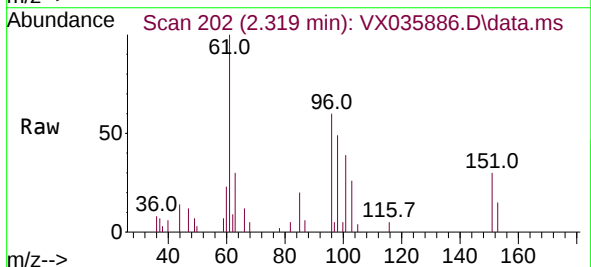
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

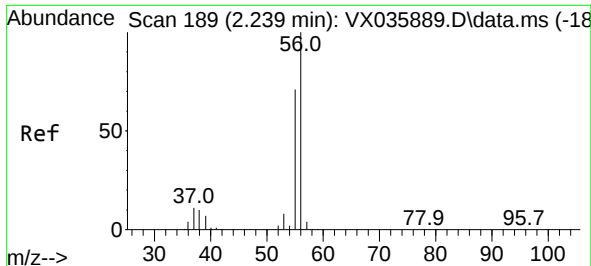
Tgt Ion: 59 Resp: 2983
Ion Ratio Lower Upper
59 100
57 2.3 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 1.035 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX035886.D
Acq: 26 May 2023 15:54

Tgt Ion: 96 Resp: 2394
Ion Ratio Lower Upper
96 100
61 166.3 145.2 217.8
98 81.1 49.3 73.9#





#13

Acrolein

Concen: 5.416 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX035886.D

Acq: 26 May 2023 15:54

Instrument :

MSVOA_X

ClientSampleId :

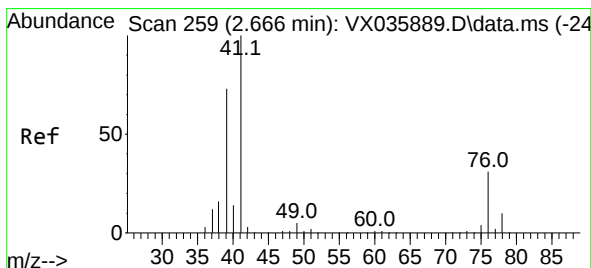
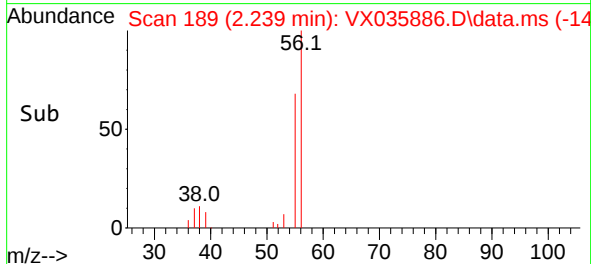
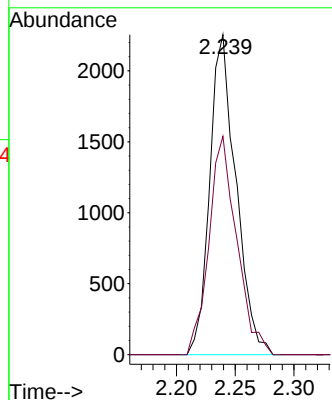
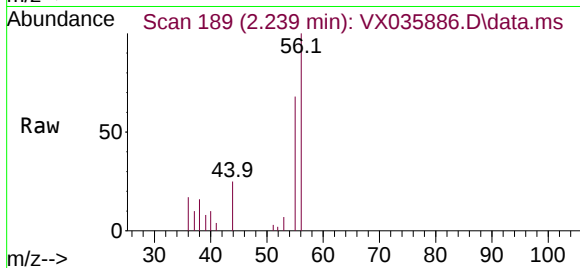
VSTDIC001

Tgt Ion: 56 Resp: 3500

Ion Ratio Lower Upper

56 100

55 72.3 57.3 85.9



#14

Allyl chloride

Concen: 0.983 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX035886.D

Acq: 26 May 2023 15:54

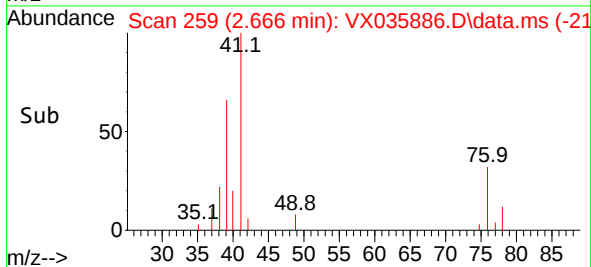
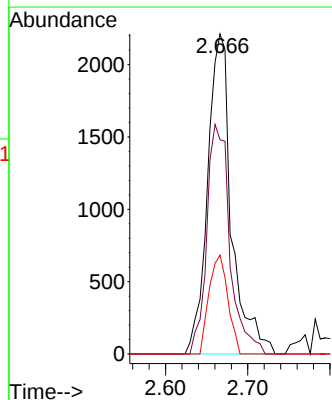
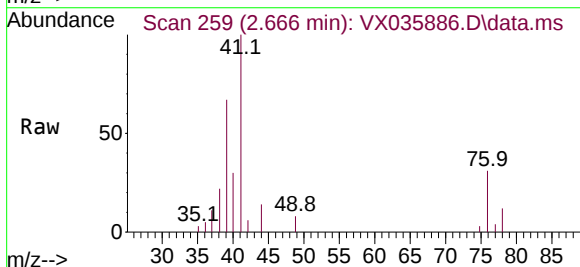
Tgt Ion: 41 Resp: 4492

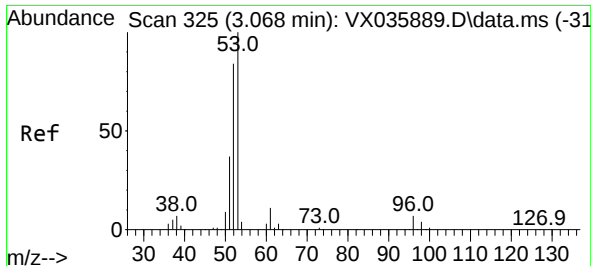
Ion Ratio Lower Upper

41 100

39 68.9 56.9 85.3

76 24.2 24.1 36.1

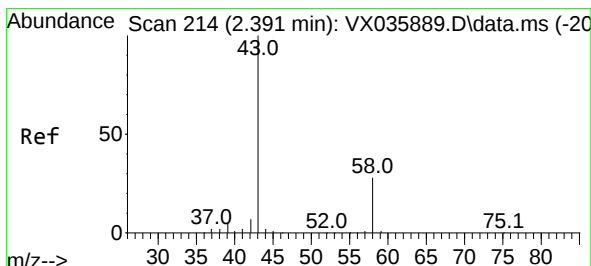
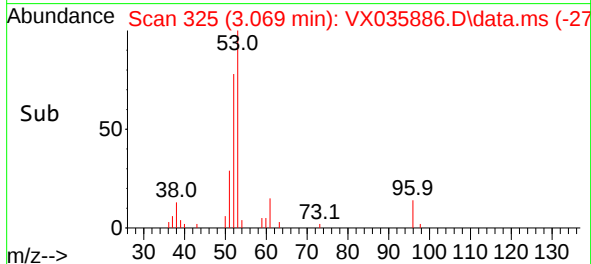
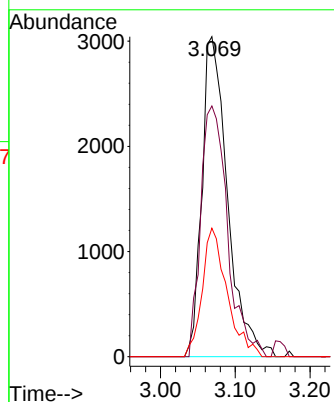
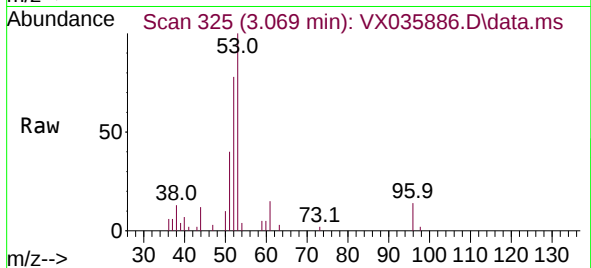




#15
Acrylonitrile
Concen: 4.859 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035886.D
Acq: 26 May 2023 15:54

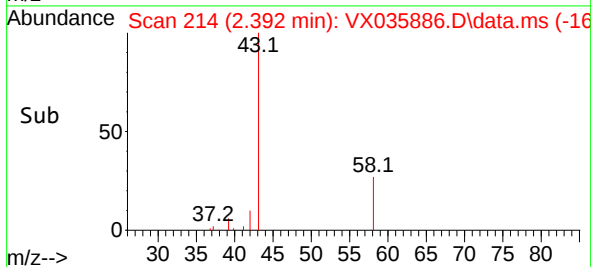
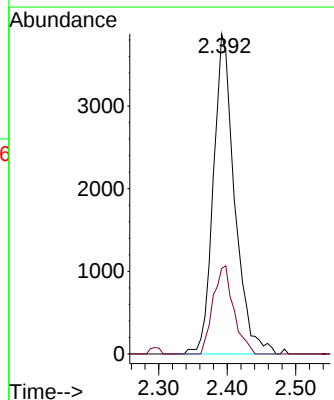
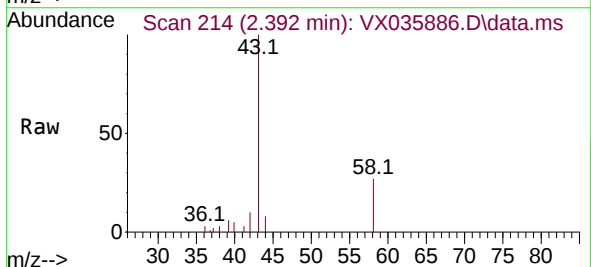
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

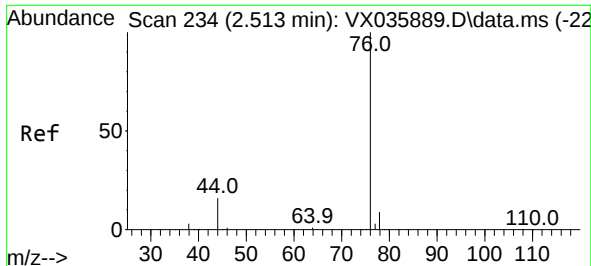
Tgt Ion:	53	Resp:	7243
Ion	Ratio	Lower	Upper
53	100		
52	82.2	67.0	100.4
51	39.1	29.8	44.8



#16
Acetone
Concen: 5.541 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX035886.D
Acq: 26 May 2023 15:54

Tgt Ion:	43	Resp:	8372
Ion	Ratio	Lower	Upper
43	100		
58	26.7	22.2	33.2





#17

Carbon Disulfide

Concen: 0.998 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX035886.D

Acq: 26 May 2023 15:54

Instrument :

MSVOA_X

ClientSampleId :

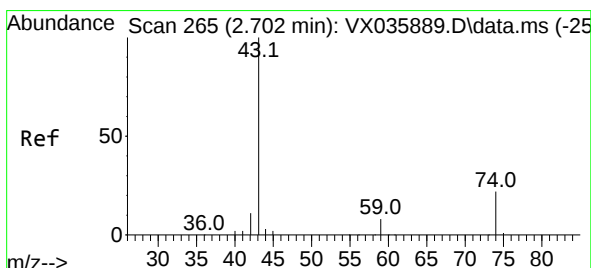
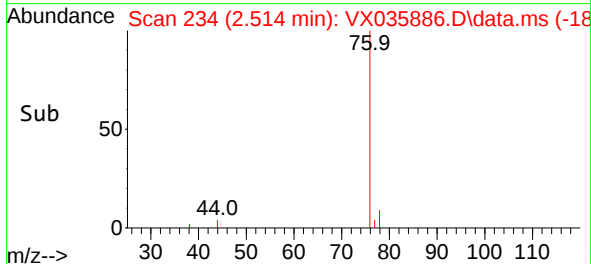
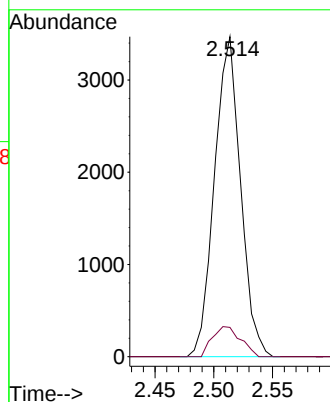
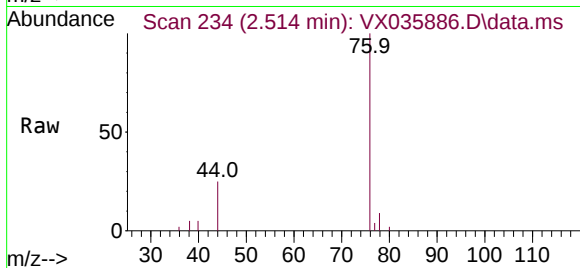
VSTDICC001

Tgt Ion: 76 Resp: 5346

Ion Ratio Lower Upper

76 100

78 9.1 7.6 11.4



#18

Methyl Acetate

Concen: 0.985 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX035886.D

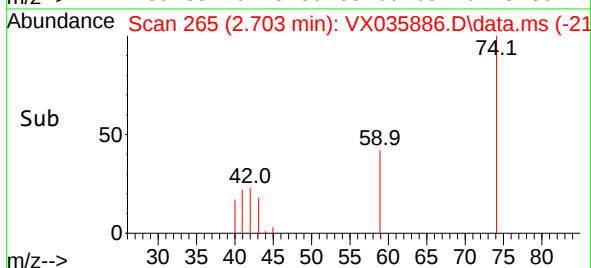
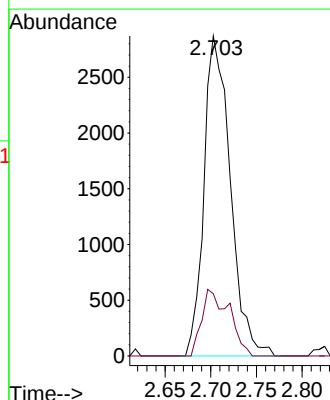
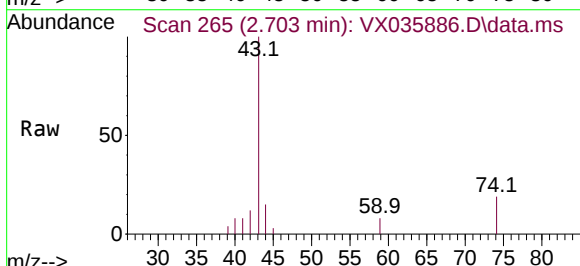
Acq: 26 May 2023 15:54

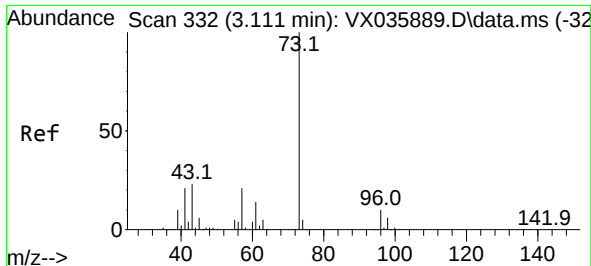
Tgt Ion: 43 Resp: 5748

Ion Ratio Lower Upper

43 100

74 21.7 17.7 26.5

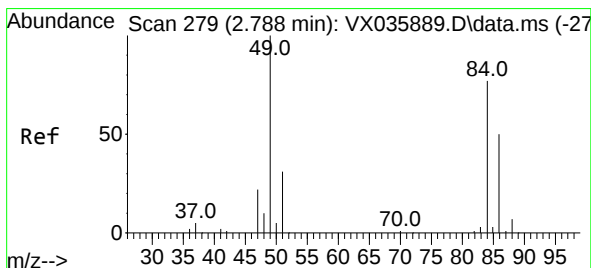
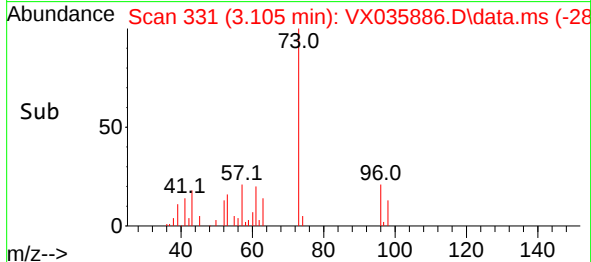
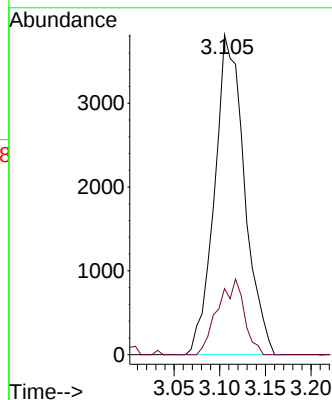
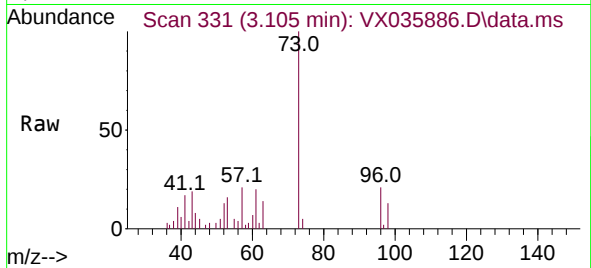




#19
Methyl tert-butyl Ether
Concen: 0.975 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX035886.D
Acq: 26 May 2023 15:54

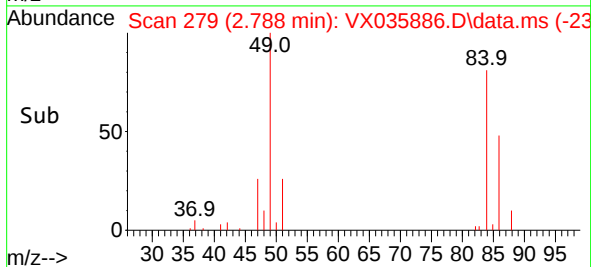
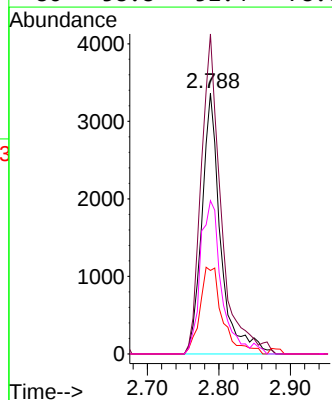
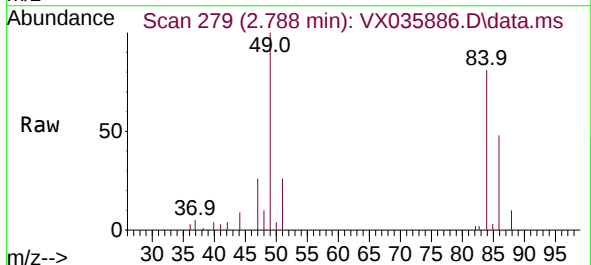
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

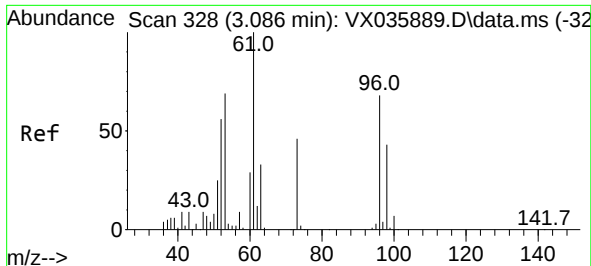
Tgt Ion: 73 Resp: 8694
Ion Ratio Lower Upper
73 100
57 20.6 17.6 26.4



#20
Methylene Chloride
Concen: 1.424 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035886.D
Acq: 26 May 2023 15:54

Tgt Ion: 84 Resp: 6137
Ion Ratio Lower Upper
84 100
49 122.8 104.6 156.8
51 32.0 32.2 48.4#
86 58.8 52.4 78.6

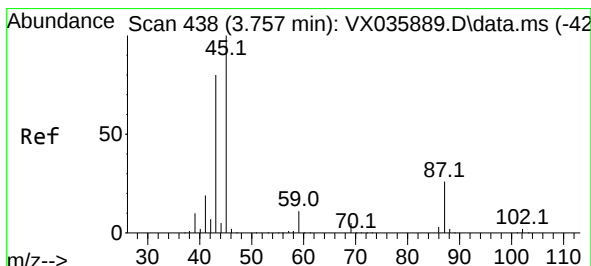
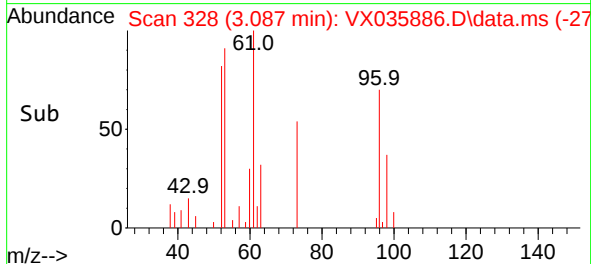
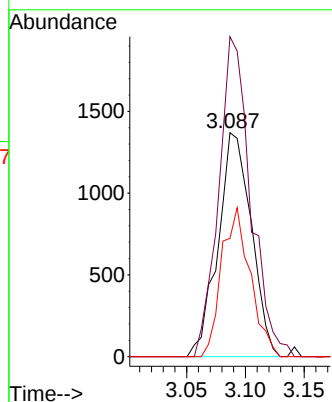
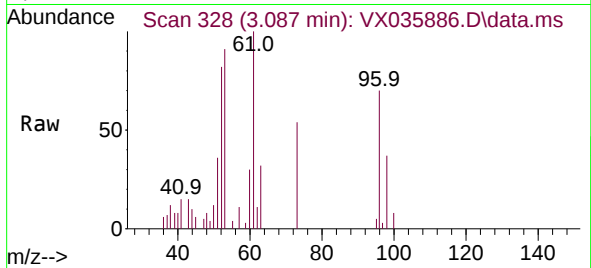




#21
trans-1,2-Dichloroethene
Concen: 1.059 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035886.D
Acq: 26 May 2023 15:54

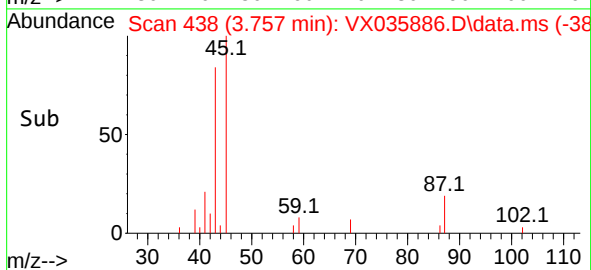
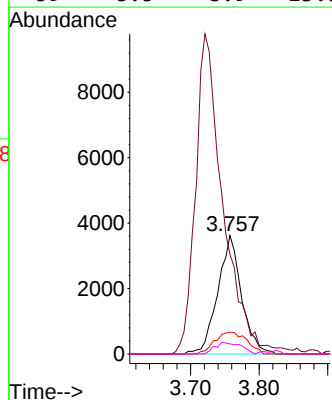
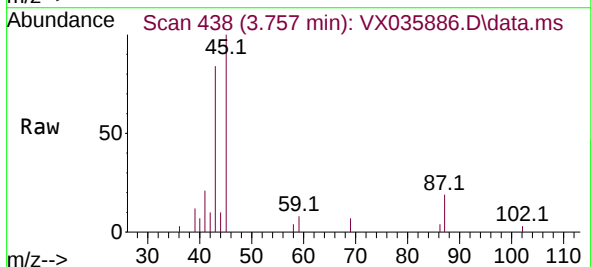
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

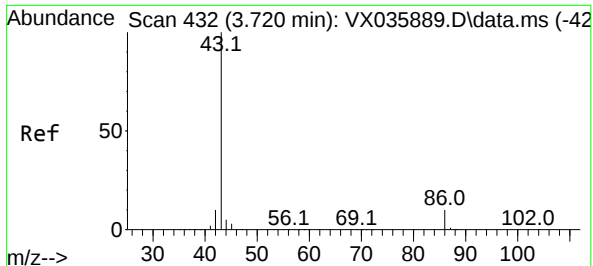
Tgt Ion: 96 Resp: 2699
Ion Ratio Lower Upper
96 100
61 142.8 118.2 177.4
98 52.8 50.6 75.8



#22
Diisopropyl ether
Concen: 0.950 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035886.D
Acq: 26 May 2023 15:54

Tgt Ion: 45 Resp: 8711
Ion Ratio Lower Upper
45 100
43 79.0 63.8 95.6
87 18.6 20.6 31.0#
59 8.5 8.9 13.3#

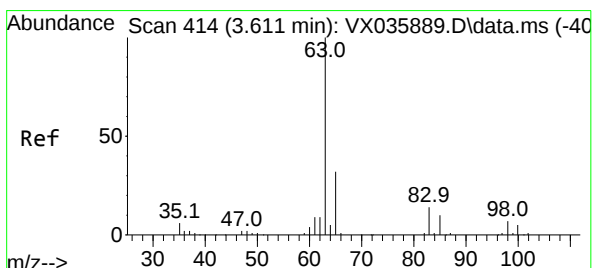
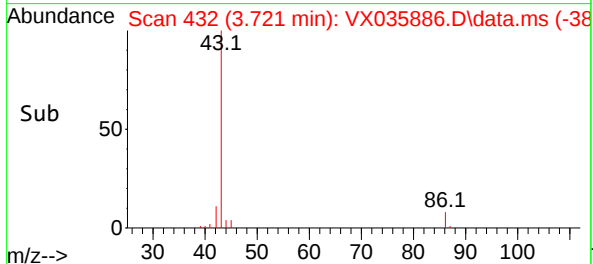
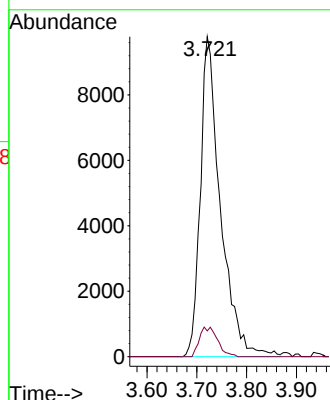
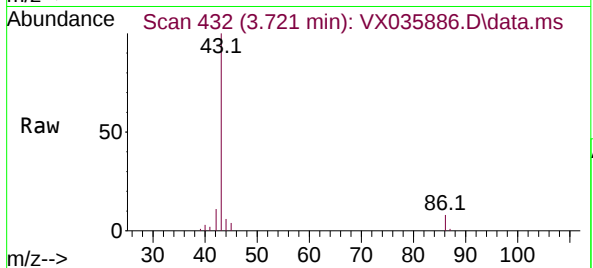




#23
 Vinyl Acetate
 Concen: 4.290 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX035886.D
 Acq: 26 May 2023 15:54

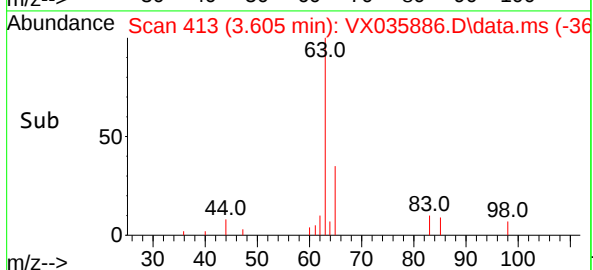
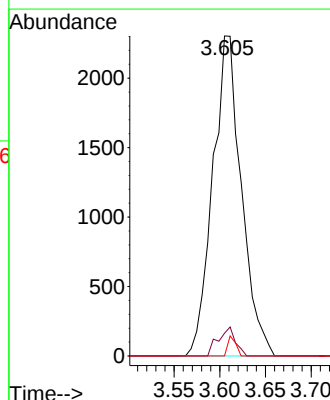
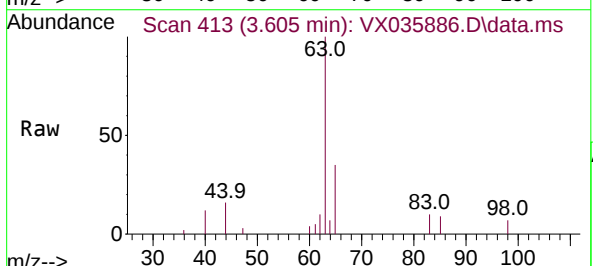
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

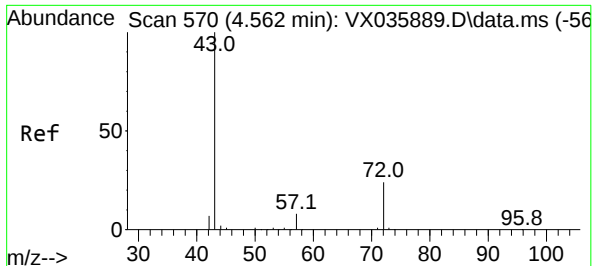
Tgt Ion: 43 Resp: 27415
 Ion Ratio Lower Upper
 43 100
 86 8.1 7.8 11.6



#24
 1,1-Dichloroethane
 Concen: 0.993 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX035886.D
 Acq: 26 May 2023 15:54

Tgt Ion: 63 Resp: 5028
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.5
 100 0.0 2.3 6.9





#25

2-Butanone

Concen: 4.788 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX035886.D

Acq: 26 May 2023 15:54

Instrument :

MSVOA_X

ClientSampleId :

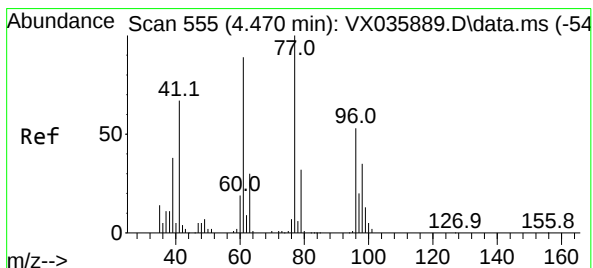
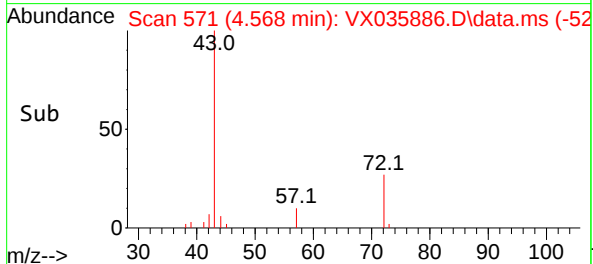
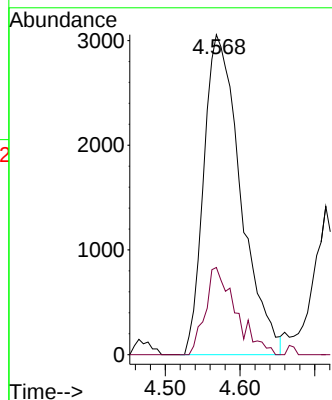
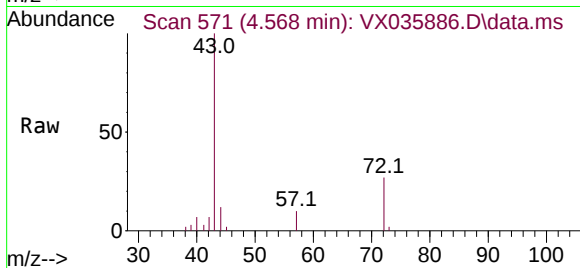
VSTDICC001

Tgt Ion: 43 Resp: 10463

Ion Ratio Lower Upper

43 100

72 27.2 19.4 29.2



#26

2,2-Dichloropropane

Concen: 0.984 ug/l

RT: 4.471 min Scan# 555

Delta R.T. 0.000 min

Lab File: VX035886.D

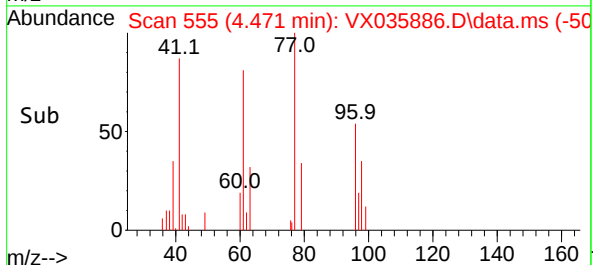
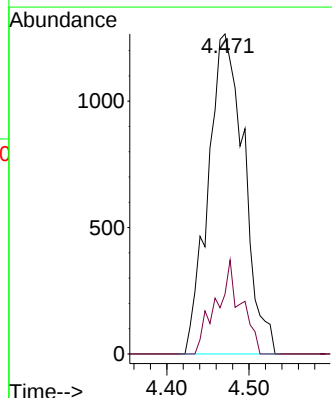
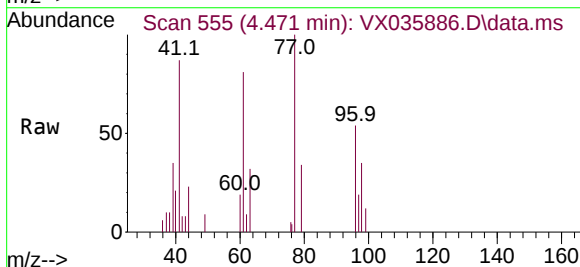
Acq: 26 May 2023 15:54

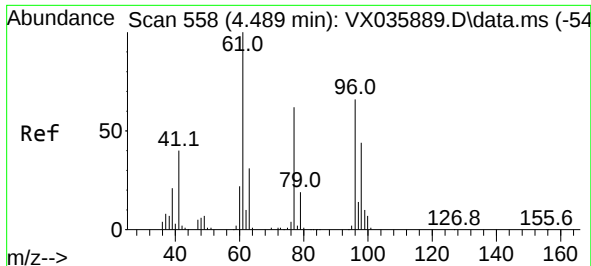
Tgt Ion: 77 Resp: 3843

Ion Ratio Lower Upper

77 100

97 20.5 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 0.989 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX035886.D

Acq: 26 May 2023 15:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

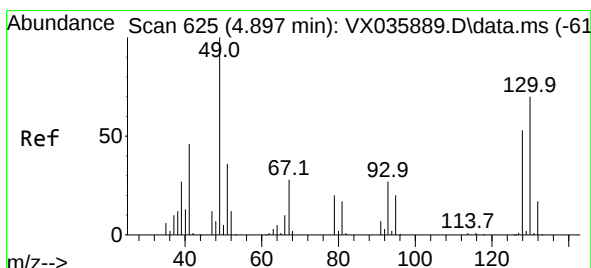
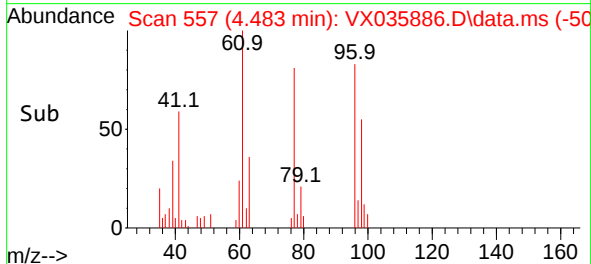
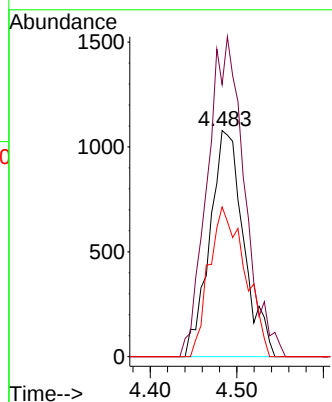
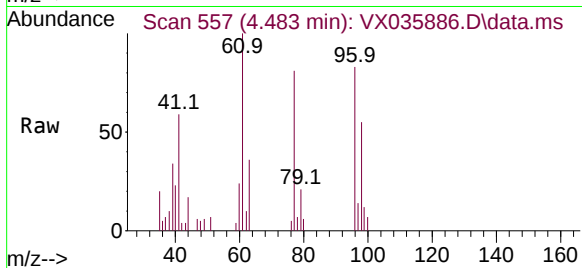
Tgt Ion: 96 Resp: 2932

Ion Ratio Lower Upper

96 100

61 154.8 0.0 312.6

98 70.3 0.0 130.0



#28

Bromochloromethane

Concen: 0.941 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.006 min

Lab File: VX035886.D

Acq: 26 May 2023 15:54

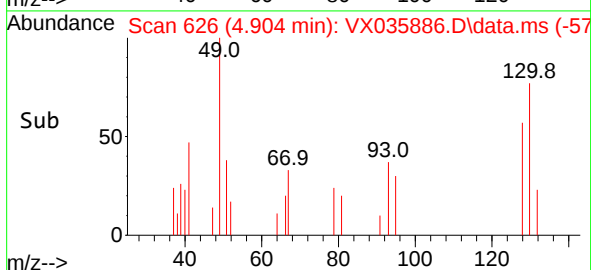
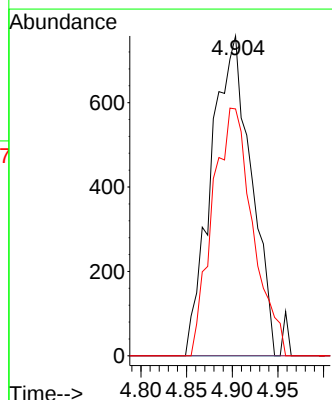
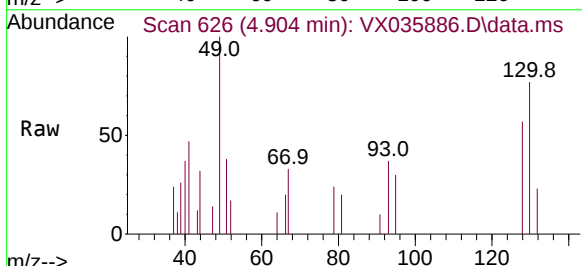
Tgt Ion: 49 Resp: 2308

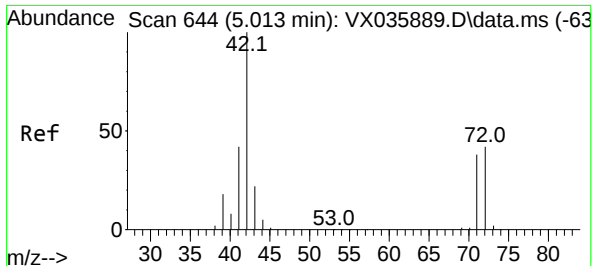
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

130 77.9 55.8 83.8





#29

Tetrahydrofuran

Concen: 4.628 ug/l

RT: 5.019 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX035886.D

Acq: 26 May 2023 15:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

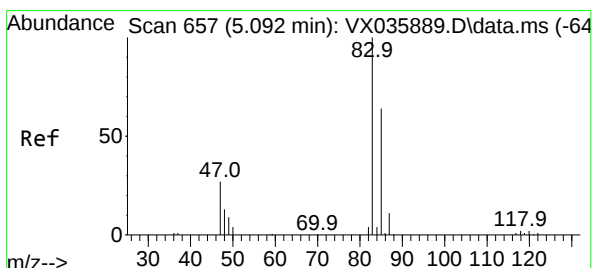
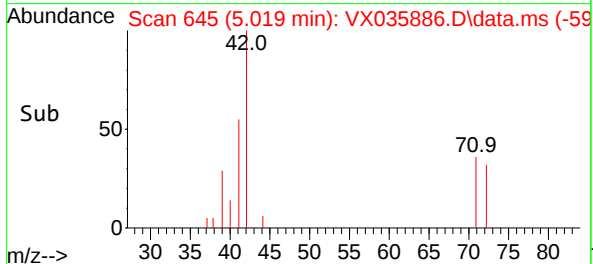
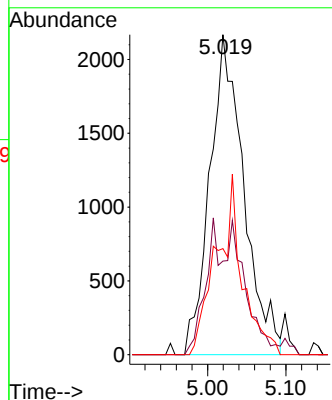
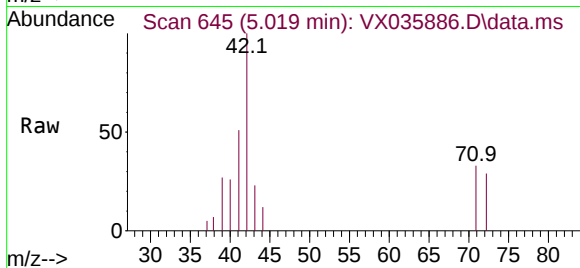
Tgt Ion: 42 Resp: 6543

Ion Ratio Lower Upper

42 100

72 20.1 34.2 51.2#

71 0.0 31.8 47.8#



#30

Chloroform

Concen: 0.959 ug/l

RT: 5.087 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX035886.D

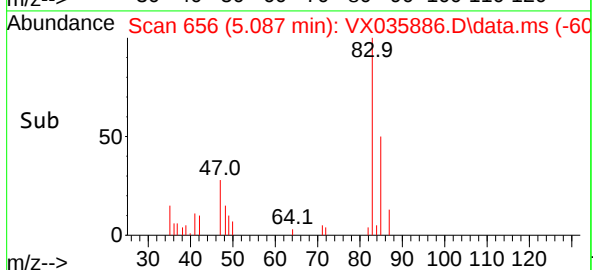
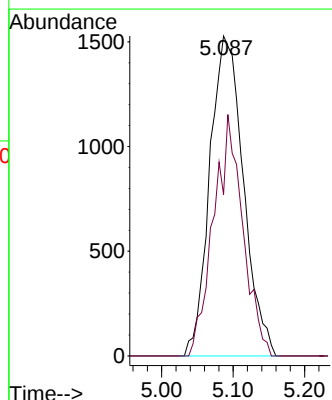
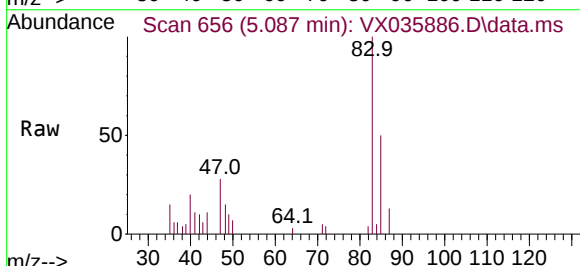
Acq: 26 May 2023 15:54

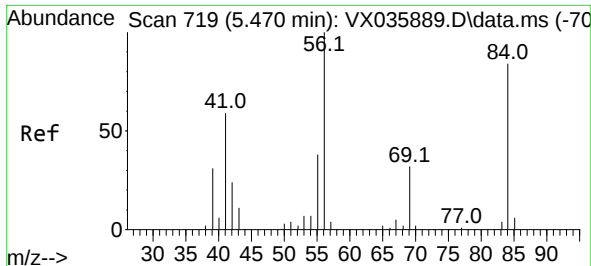
Tgt Ion: 83 Resp: 4983

Ion Ratio Lower Upper

83 100

85 50.5 51.0 76.4#

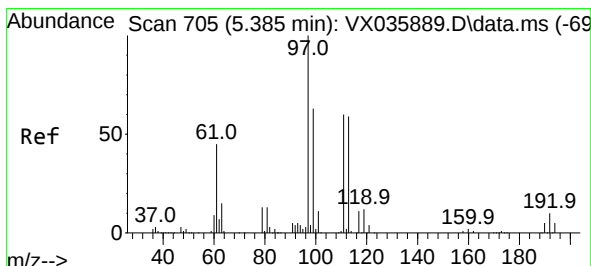
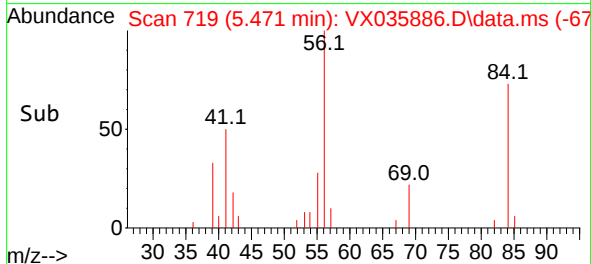
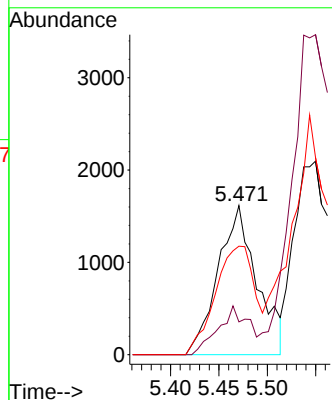
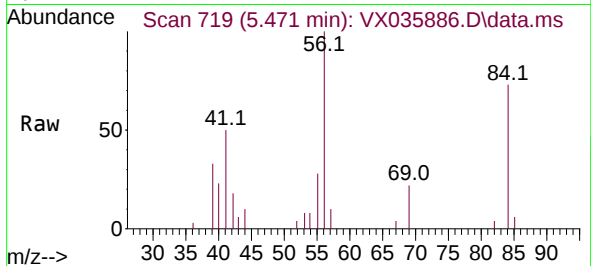




#31
Cyclohexane
Concen: 1.014 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX035886.D
Acq: 26 May 2023 15:54

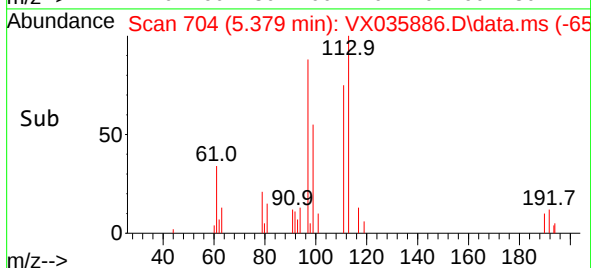
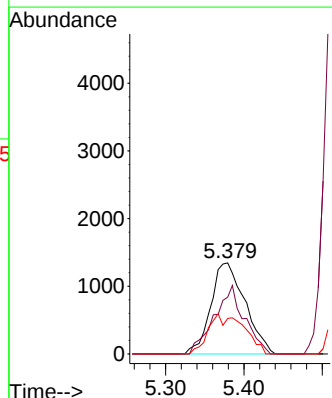
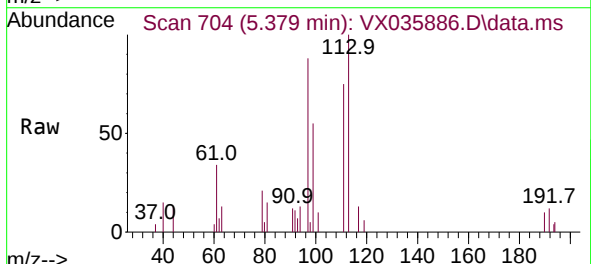
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

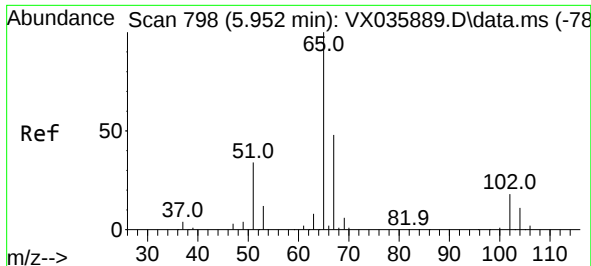
Tgt Ion: 56 Resp: 4507
Ion Ratio Lower Upper
56 100
69 22.0 25.9 38.9#
84 72.8 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 0.909 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX035886.D
Acq: 26 May 2023 15:54

Tgt Ion: 97 Resp: 4081
Ion Ratio Lower Upper
97 100
99 0.0 51.2 76.8#
61 20.2 36.9 55.3#





#33

1,2-Dichloroethane-d4

Concen: 1.693 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.007 min

Lab File: VX035886.D

Acq: 26 May 2023 15:54

Instrument :

MSVOA_X

ClientSampleId :

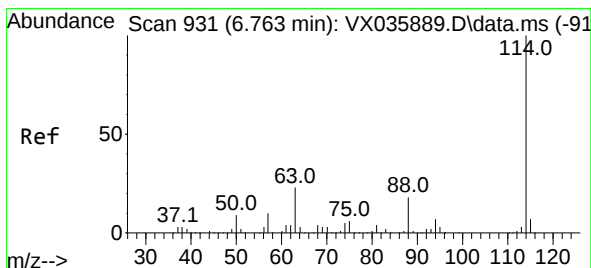
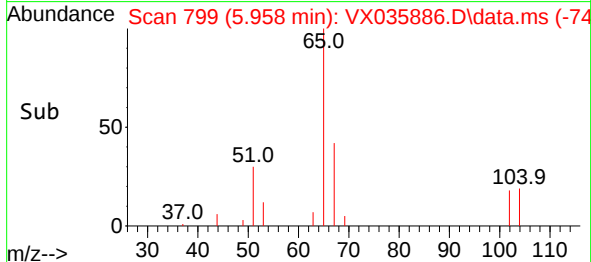
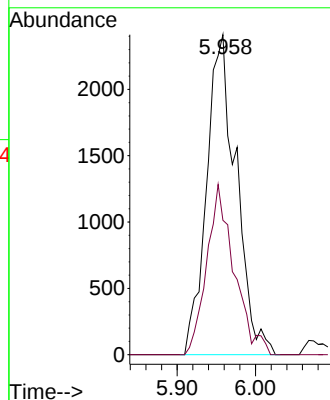
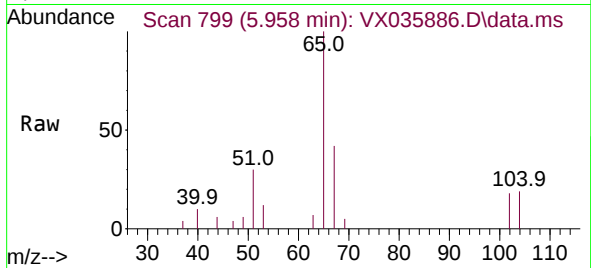
VSTDIC001

Tgt Ion: 65 Resp: 6335

Ion Ratio Lower Upper

65 100

67 49.3 0.0 99.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035886.D

Acq: 26 May 2023 15:54

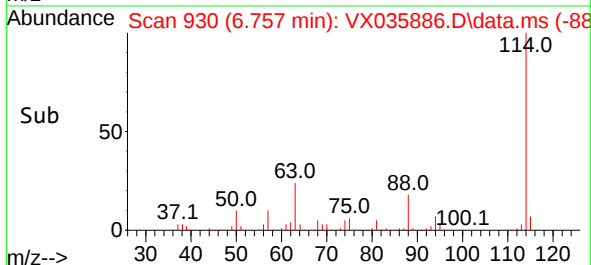
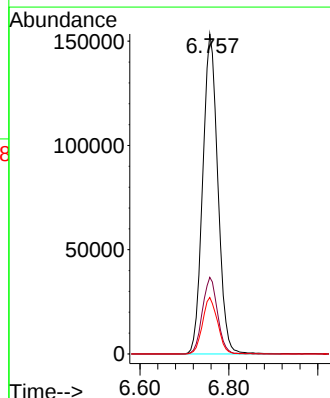
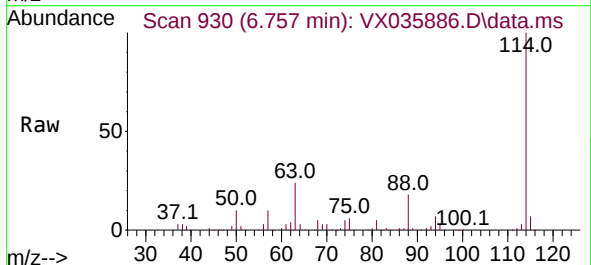
Tgt Ion: 114 Resp: 363294

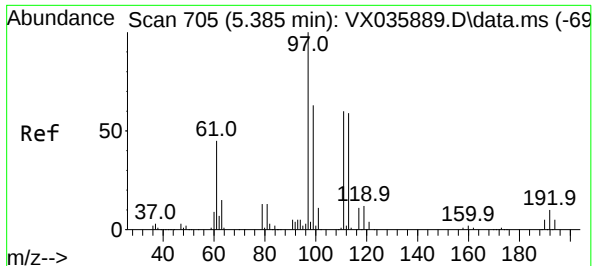
Ion Ratio Lower Upper

114 100

63 24.0 0.0 46.0

88 17.7 0.0 35.2





#35

Dibromofluoromethane

Concen: 1.709 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX035886.D

Acq: 26 May 2023 15:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

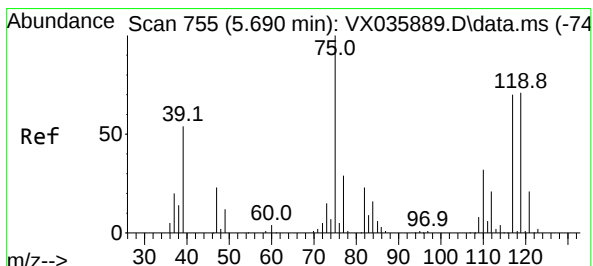
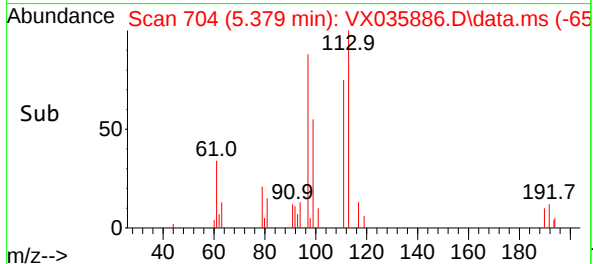
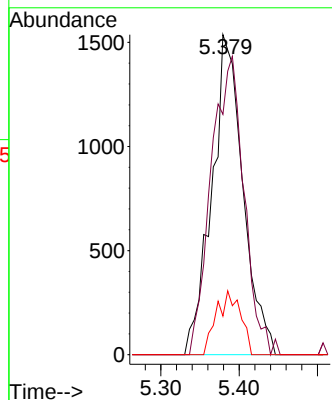
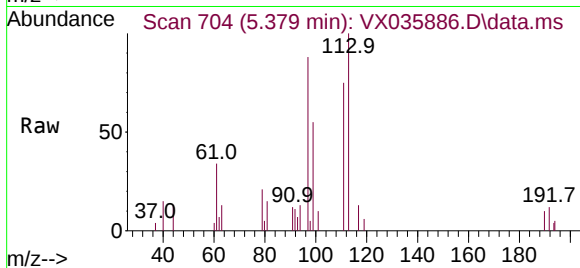
Tgt Ion:113 Resp: 4265

Ion Ratio Lower Upper

113 100

111 97.9 81.7 122.5

192 15.3 13.5 20.3



#36

1,1-Dichloropropene

Concen: 1.040 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX035886.D

Acq: 26 May 2023 15:54

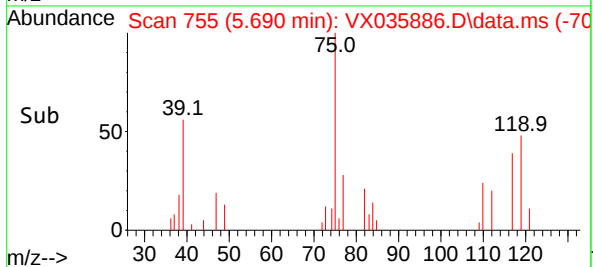
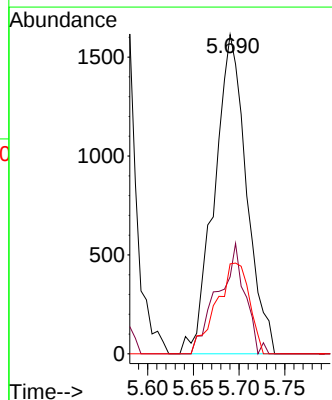
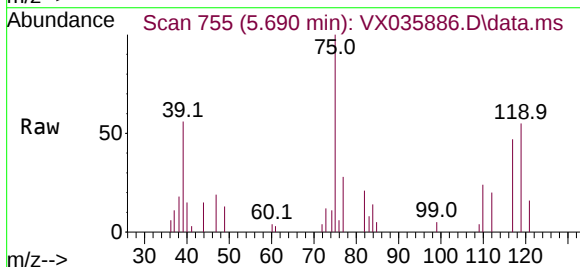
Tgt Ion: 75 Resp: 3940

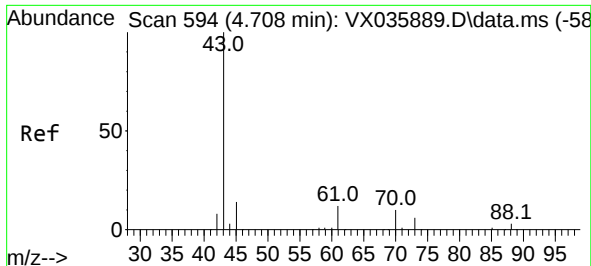
Ion Ratio Lower Upper

75 100

110 29.4 16.6 49.7

77 29.2 24.4 36.6





#37

Ethyl Acetate

Concen: 1.014 ug/l

RT: 4.715 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX035886.D

Acq: 26 May 2023 15:54

Instrument :

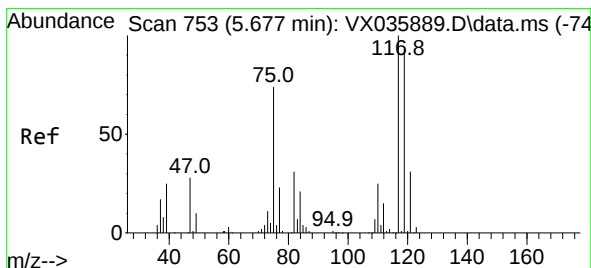
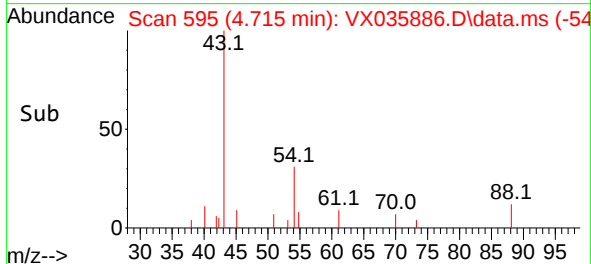
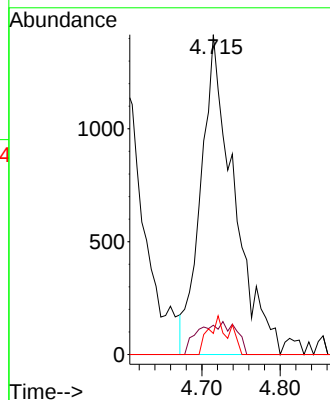
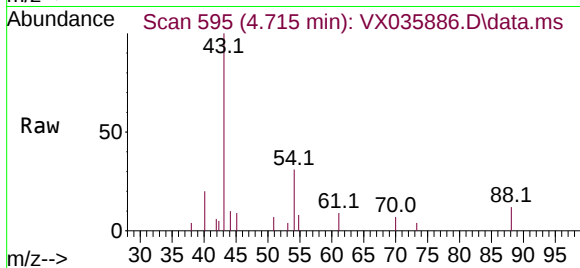
MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 43 Resp: 4160

Ion	Ratio	Lower	Upper
43	100		
61	6.6	10.3	15.5#
70	7.3	8.3	12.5#



#38

Carbon Tetrachloride

Concen: 0.949 ug/l

RT: 5.678 min Scan# 753

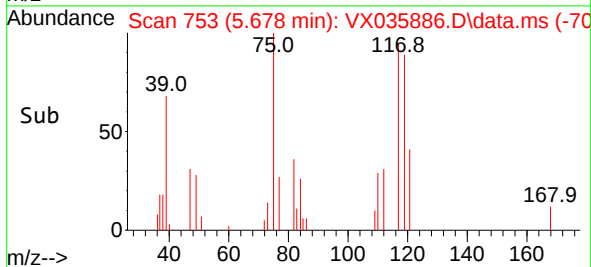
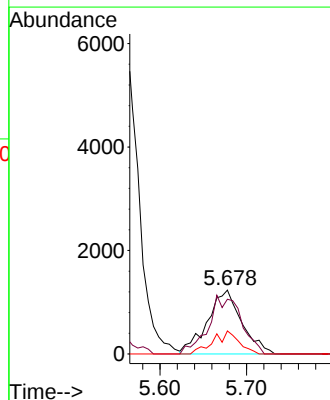
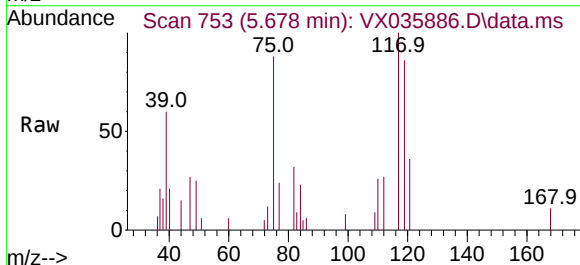
Delta R.T. 0.000 min

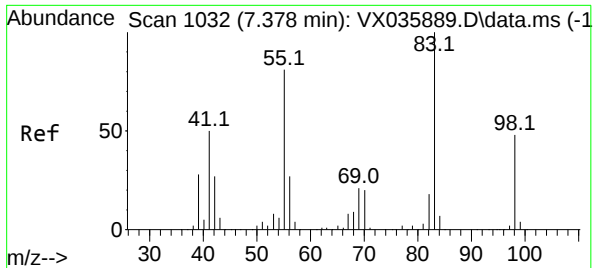
Lab File: VX035886.D

Acq: 26 May 2023 15:54

Tgt Ion: 117 Resp: 3388

Ion	Ratio	Lower	Upper
117	100		
119	85.8	74.1	111.1
121	36.2	25.0	37.4

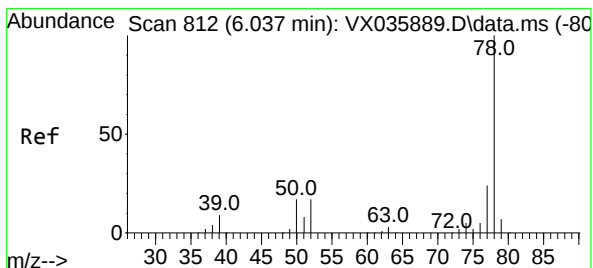
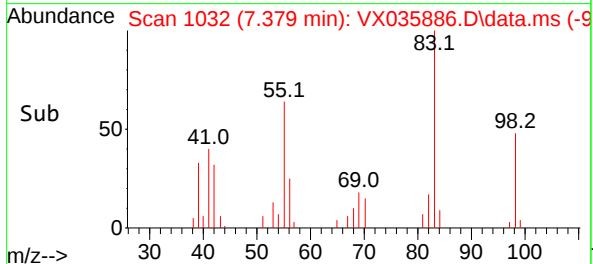
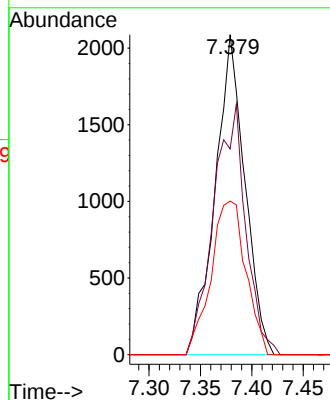
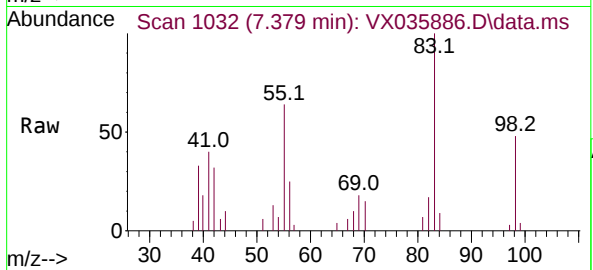




#39
Methylcyclohexane
Concen: 0.969 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX035886.D
Acq: 26 May 2023 15:54

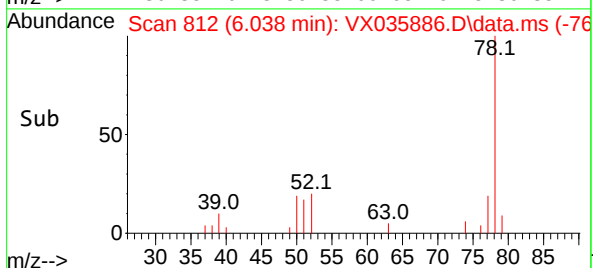
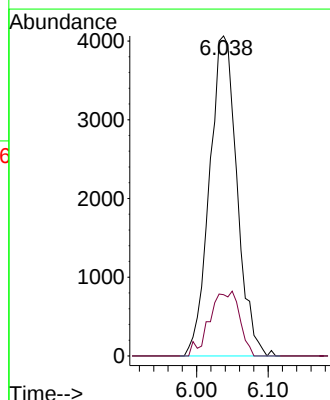
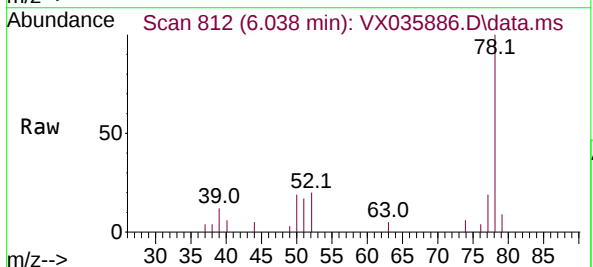
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

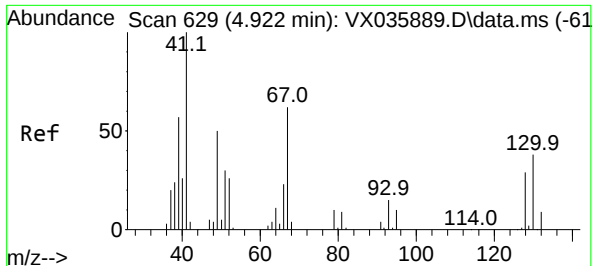
Tgt Ion: 83 Resp: 4188
Ion Ratio Lower Upper
83 100
55 64.3 64.9 97.3#
98 48.0 38.1 57.1



#40
Benzene
Concen: 1.023 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX035886.D
Acq: 26 May 2023 15:54

Tgt Ion: 78 Resp: 10855
Ion Ratio Lower Upper
78 100
77 19.2 19.0 28.6

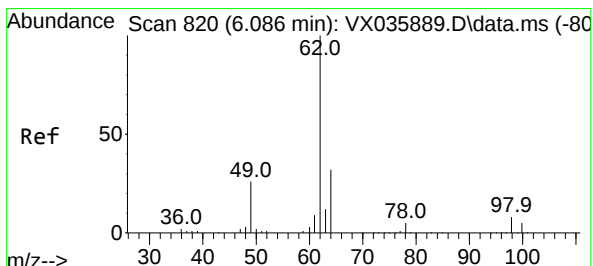
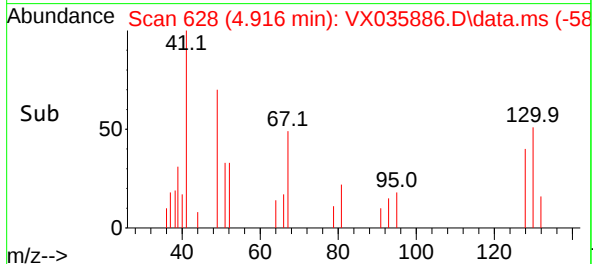
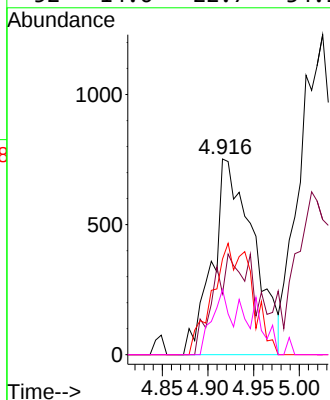
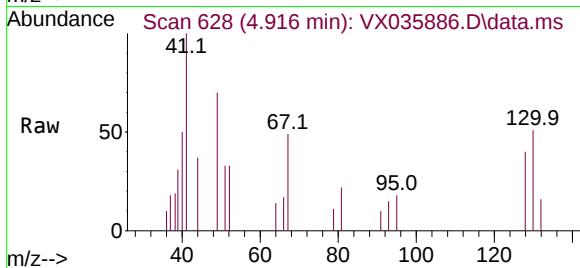




#41
Methacrylonitrile
Concen: 1.000 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX035886.D
Acq: 26 May 2023 15:54

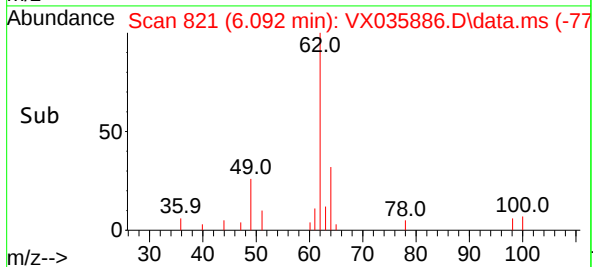
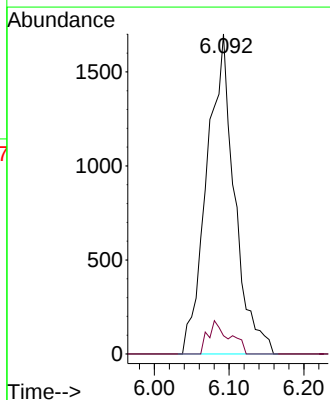
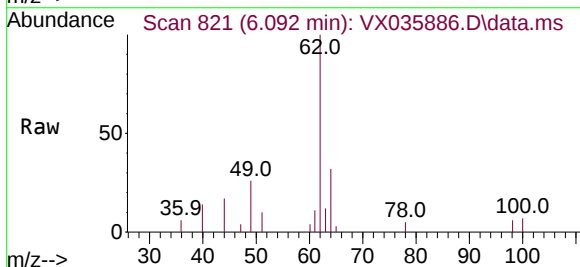
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

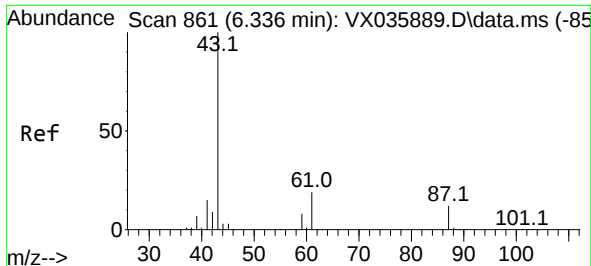
Tgt Ion: 41	Resp: 2334
Ion Ratio	Lower Upper
41 100	
39 53.7	45.6 68.4
67 30.8	51.8 77.6#
52 14.6	22.7 34.1#



#42
1,2-Dichloroethane
Concen: 0.977 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX035886.D
Acq: 26 May 2023 15:54

Tgt Ion: 62	Resp: 4379
Ion Ratio	Lower Upper
62 100	
98 8.0	0.0 16.0





#43

Isopropyl Acetate

Concen: 0.894 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX035886.D

Acq: 26 May 2023 15:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

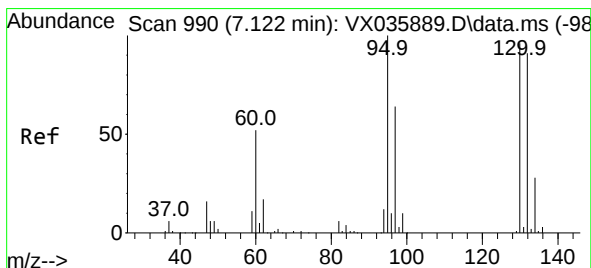
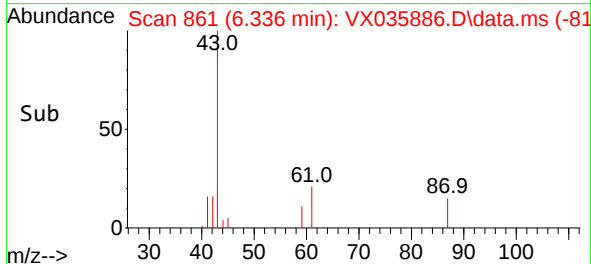
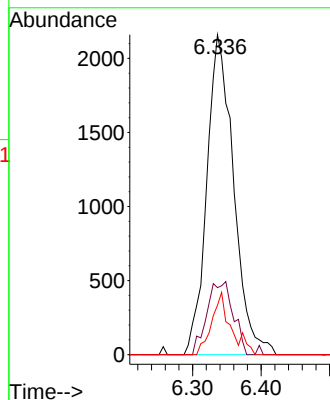
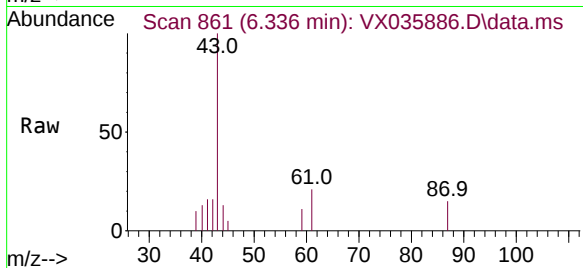
Tgt Ion: 43 Resp: 5876

Ion Ratio Lower Upper

43 100

61 22.3 15.0 22.4

87 12.1 9.9 14.9



#44

Trichloroethene

Concen: 0.981 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX035886.D

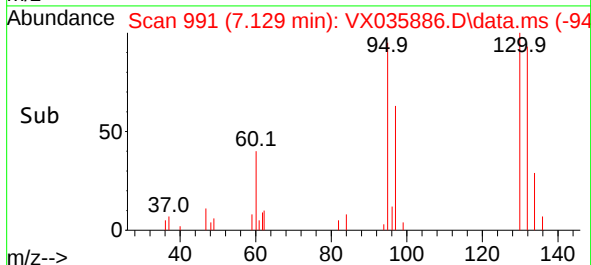
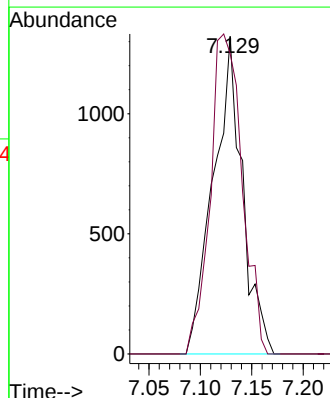
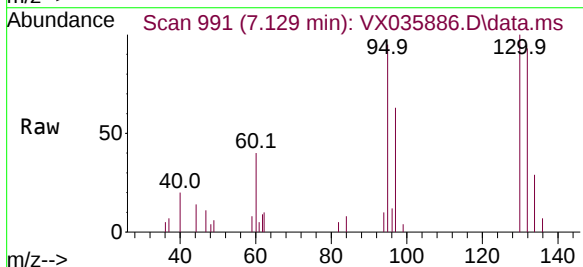
Acq: 26 May 2023 15:54

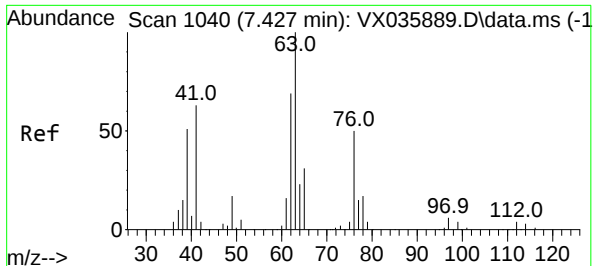
Tgt Ion: 130 Resp: 2593

Ion Ratio Lower Upper

130 100

95 94.6 0.0 207.6





#45

1,2-Dichloropropane

Concen: 1.041 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX035886.D

Acq: 26 May 2023 15:54

Instrument :

MSVOA_X

ClientSampleId :

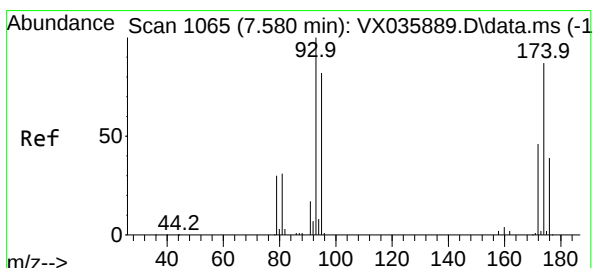
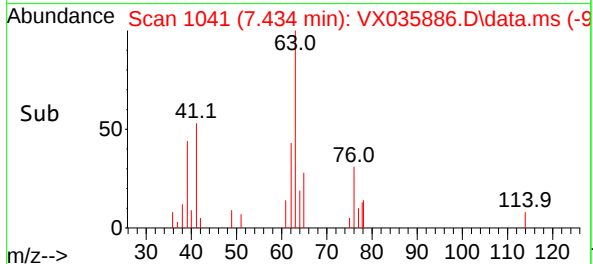
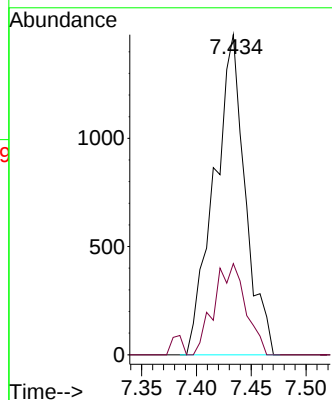
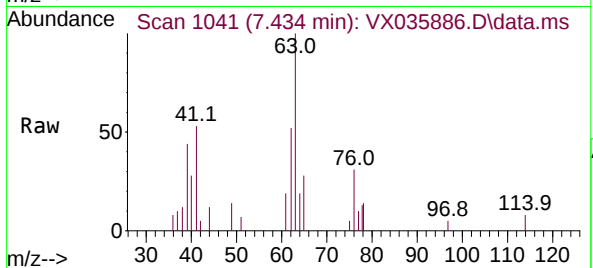
VSTDIC001

Tgt Ion: 63 Resp: 2914

Ion Ratio Lower Upper

63 100

65 28.5 24.8 37.2



#46

Dibromomethane

Concen: 0.969 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX035886.D

Acq: 26 May 2023 15:54

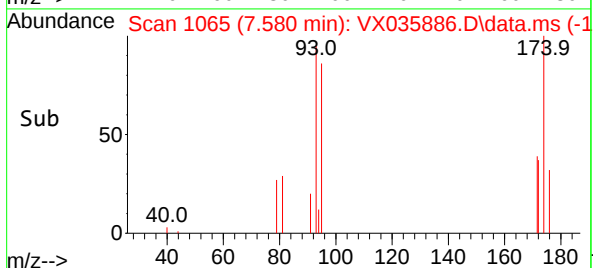
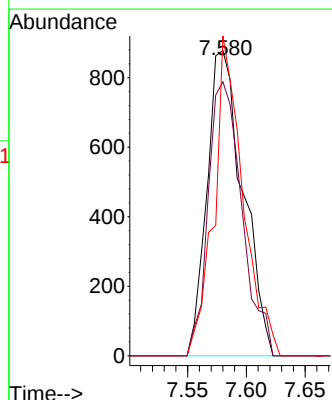
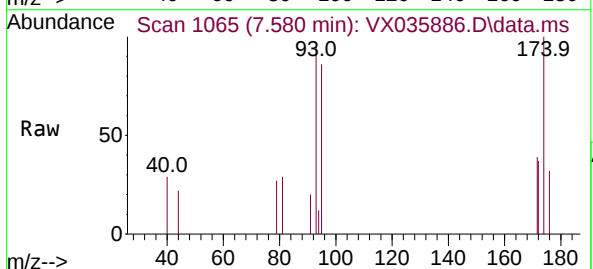
Tgt Ion: 93 Resp: 1862

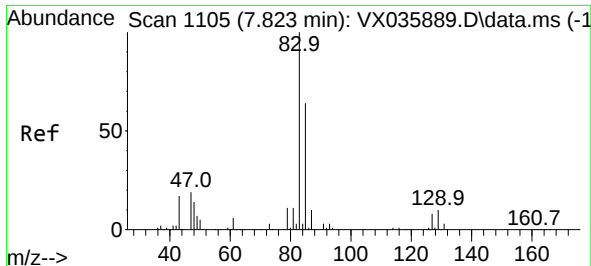
Ion Ratio Lower Upper

93 100

95 84.5 66.2 99.2

174 85.1 69.5 104.3

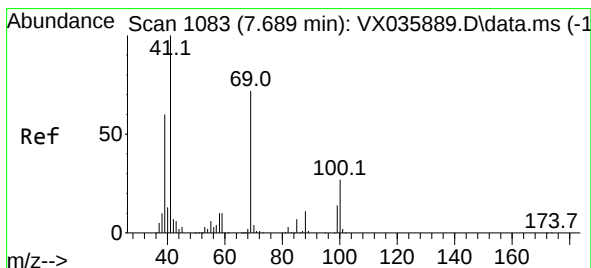
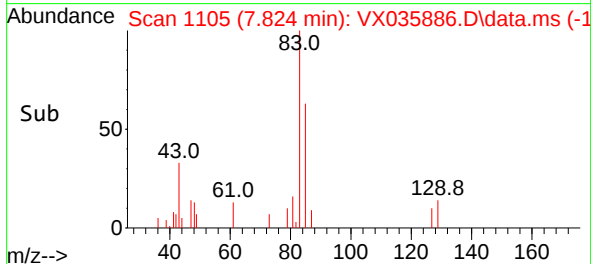
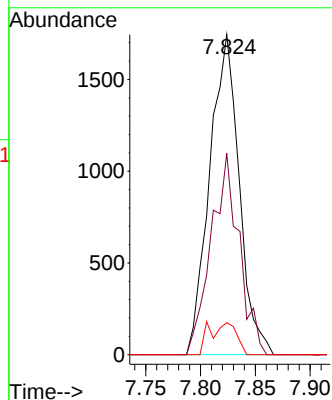
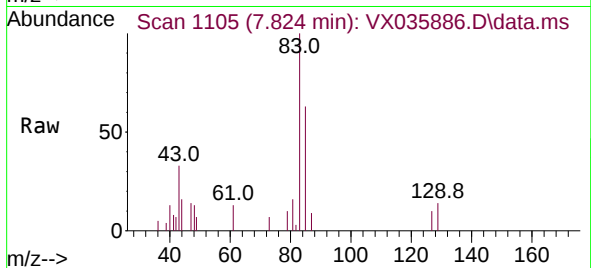




#47
Bromodichloromethane
Concen: 0.912 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VX035886.D
Acq: 26 May 2023 15:54

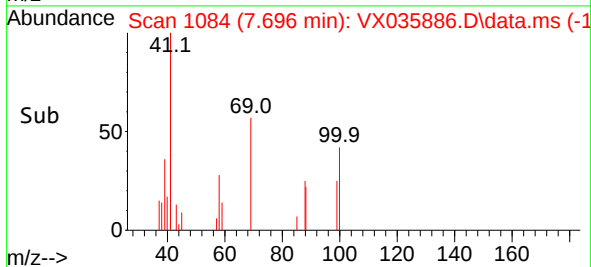
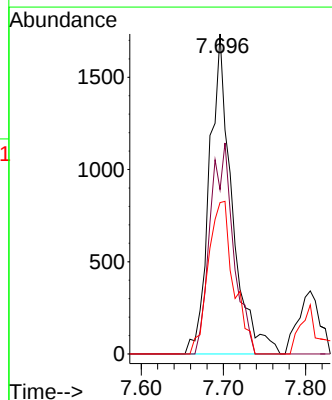
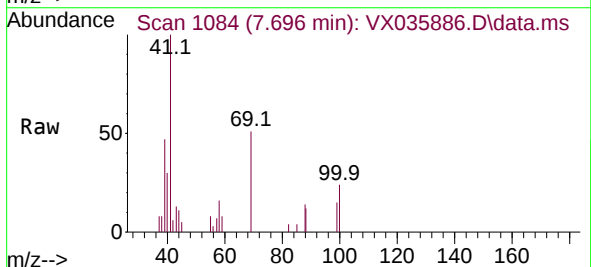
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

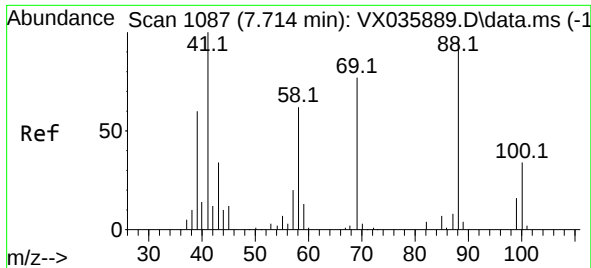
Tgt Ion: 83 Resp: 3268
Ion Ratio Lower Upper
83 100
85 63.0 51.3 76.9
127 10.0 6.6 10.0#



#48
Methyl methacrylate
Concen: 0.984 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.007 min
Lab File: VX035886.D
Acq: 26 May 2023 15:54

Tgt Ion: 41 Resp: 3321
Ion Ratio Lower Upper
41 100
69 67.7 59.0 88.6
39 53.4 48.4 72.6





#49

1,4-Dioxane

Concen: 15.026 ug/l

RT: 7.720 min Scan# 1087

Delta R.T. 0.006 min

Lab File: VX035886.D

Acq: 26 May 2023 15:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

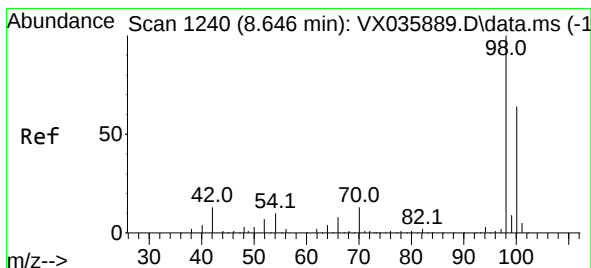
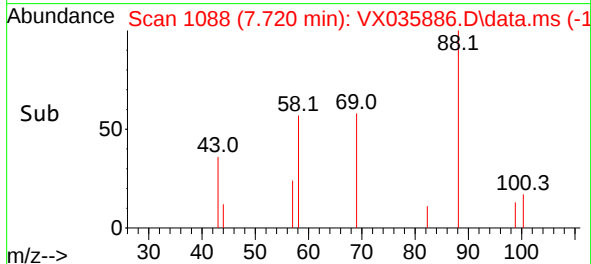
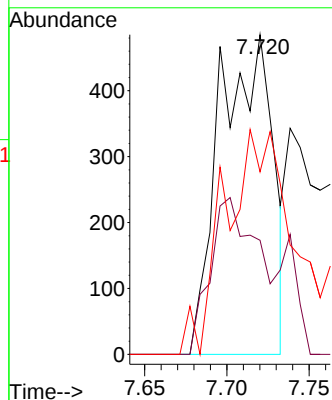
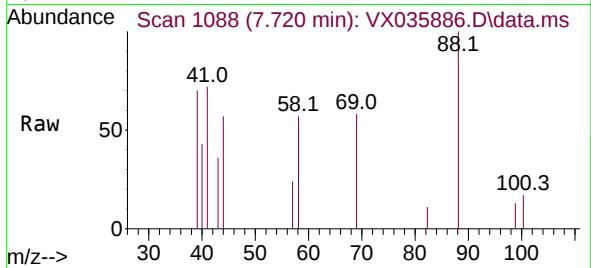
Tgt Ion: 88 Resp: 1082

Ion Ratio Lower Upper

88 100

43 44.0 27.4 41.0#

58 93.8 58.9 88.3#



#50

Toluene-d8

Concen: 1.455 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX035886.D

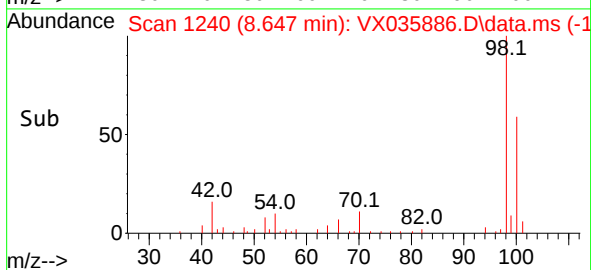
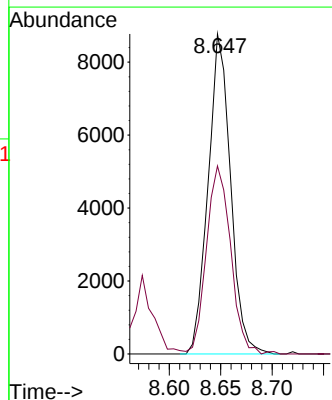
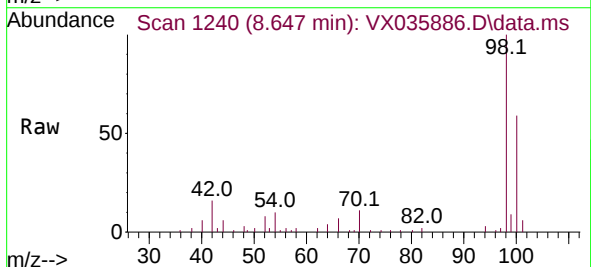
Acq: 26 May 2023 15:54

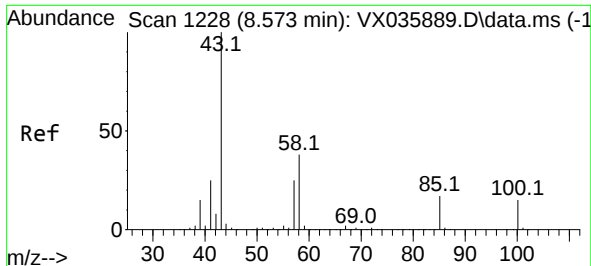
Tgt Ion: 98 Resp: 13330

Ion Ratio Lower Upper

98 100

100 63.3 53.4 80.0

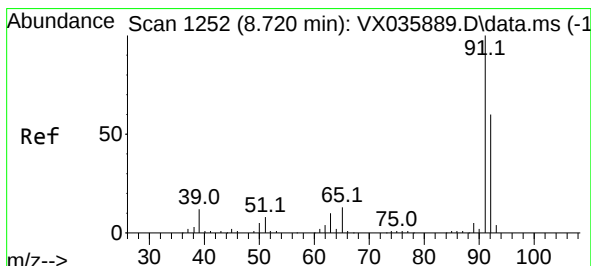
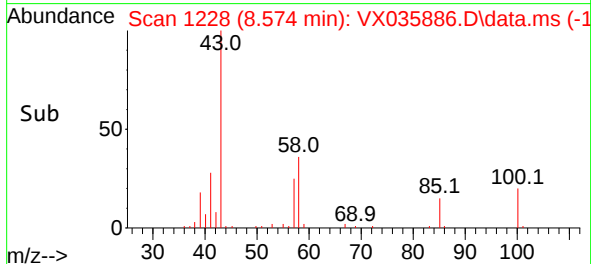
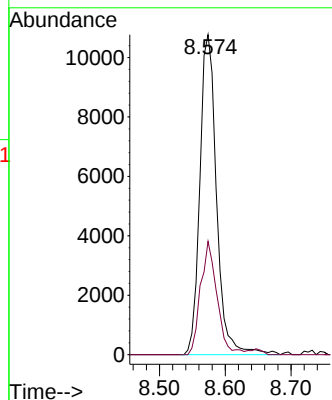
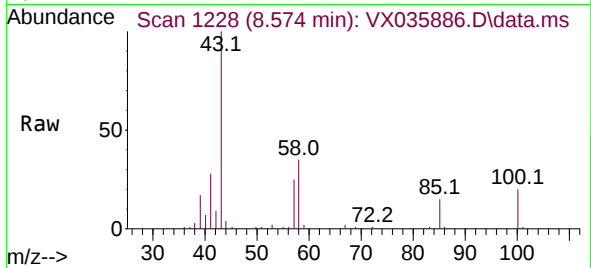




#51
4-Methyl-2-Pentanone
Concen: 4.656 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX035886.D
Acq: 26 May 2023 15:54

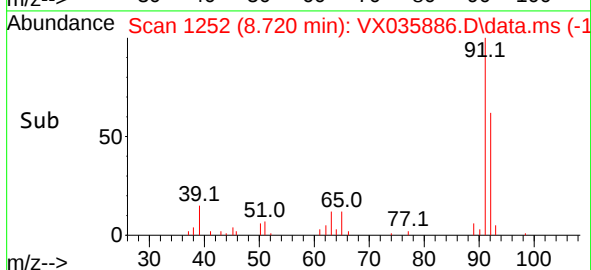
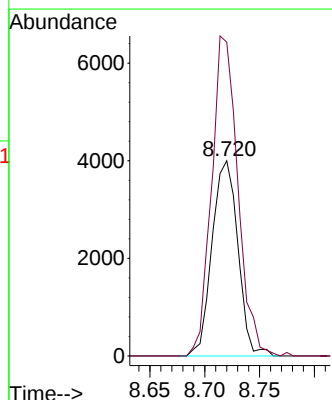
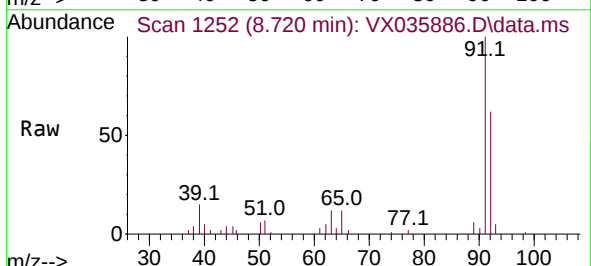
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

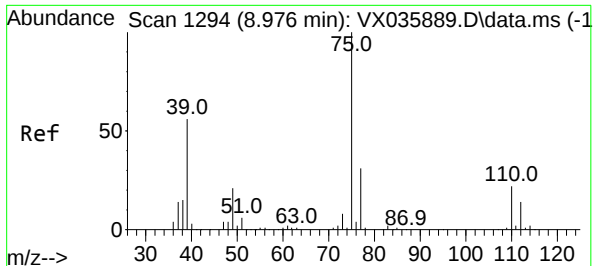
Tgt Ion: 43 Resp: 19052
Ion Ratio Lower Upper
43 100
58 34.8 30.1 45.1



#52
Toluene
Concen: 0.984 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX035886.D
Acq: 26 May 2023 15:54

Tgt Ion: 92 Resp: 6560
Ion Ratio Lower Upper
92 100
91 166.7 133.5 200.3





#53

t-1,3-Dichloropropene

Concen: 0.750 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX035886.D

Acq: 26 May 2023 15:54

Instrument :

MSVOA_X

ClientSampleId :

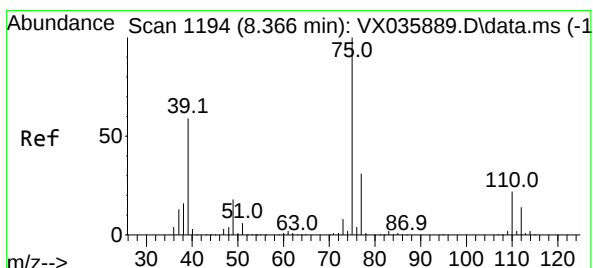
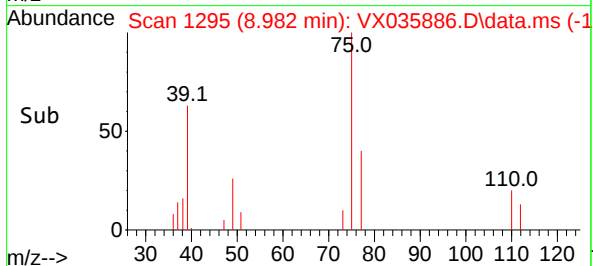
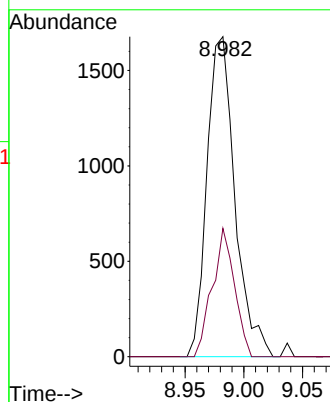
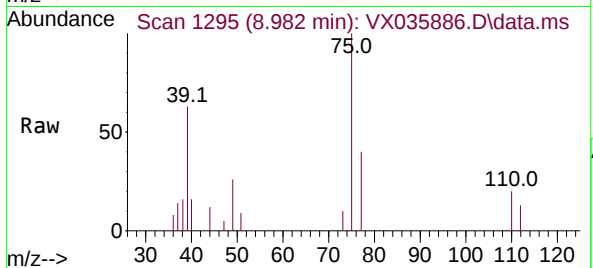
VSTDIC001

Tgt Ion: 75 Resp: 2775

Ion Ratio Lower Upper

75 100

77 40.1 25.0 37.6#



#54

cis-1,3-Dichloropropene

Concen: 0.787 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035886.D

Acq: 26 May 2023 15:54

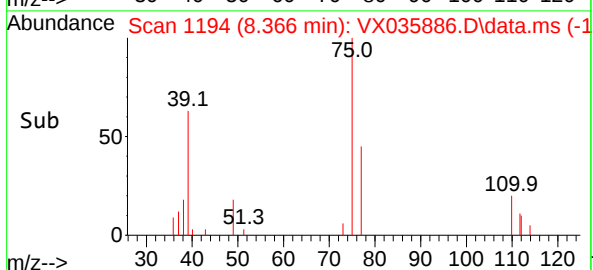
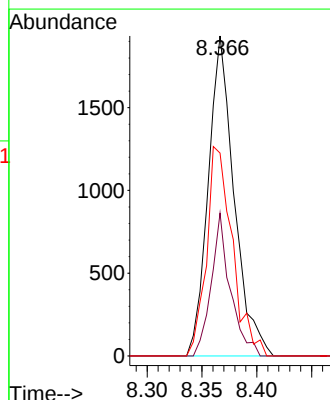
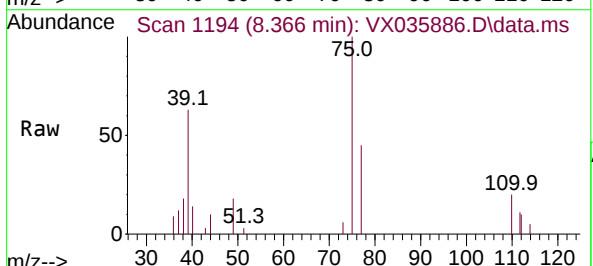
Tgt Ion: 75 Resp: 3176

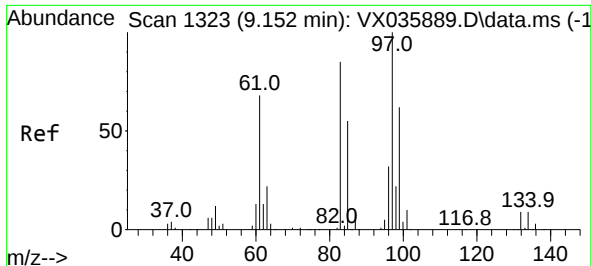
Ion Ratio Lower Upper

75 100

77 44.6 24.7 37.1#

39 63.4 47.0 70.6





#55

1,1,2-Trichloroethane

Concen: 0.918 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX035886.D

Acq: 26 May 2023 15:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 97 Resp: 2425

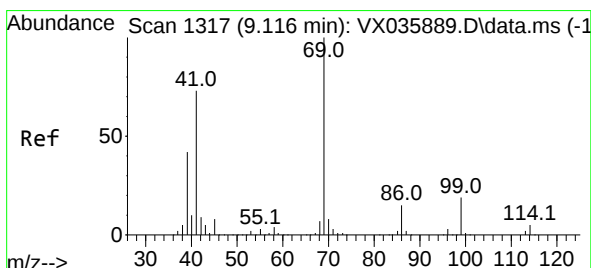
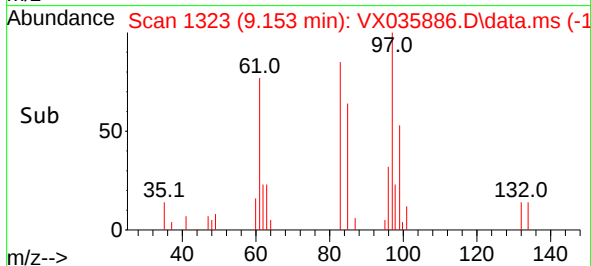
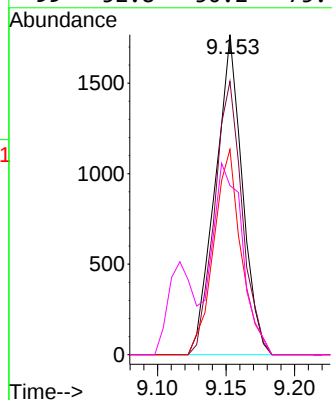
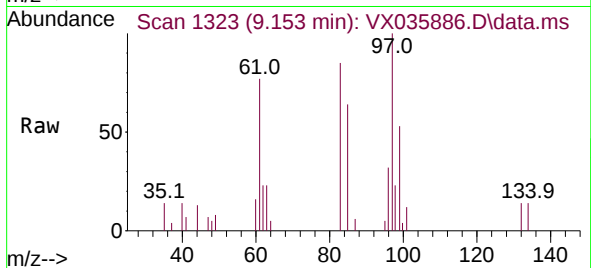
Ion Ratio Lower Upper

97 100

83 85.4 68.3 102.5

85 64.1 44.2 66.2

99 52.8 50.2 75.4



#56

Ethyl methacrylate

Concen: 0.848 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX035886.D

Acq: 26 May 2023 15:54

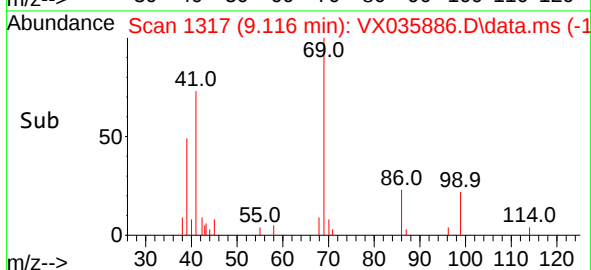
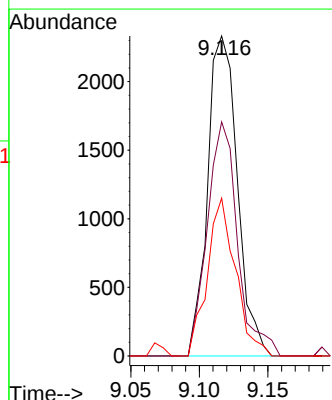
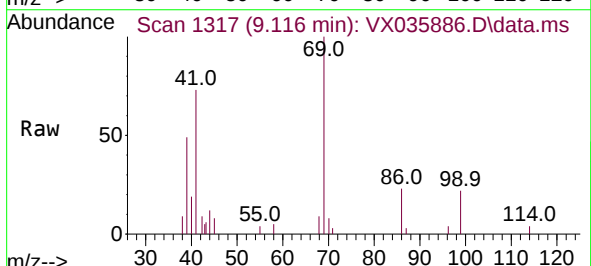
Tgt Ion: 69 Resp: 3528

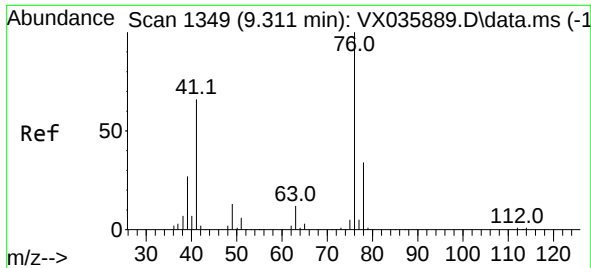
Ion Ratio Lower Upper

69 100

41 74.1 58.9 88.3

39 46.9 33.4 50.0





#57

1,3-Dichloropropane

Concen: 1.046 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035886.D

Acq: 26 May 2023 15:54

Instrument :

MSVOA_X

ClientSampleId :

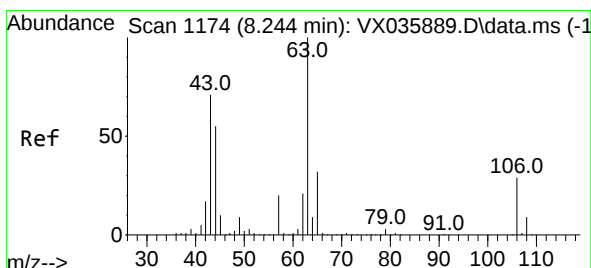
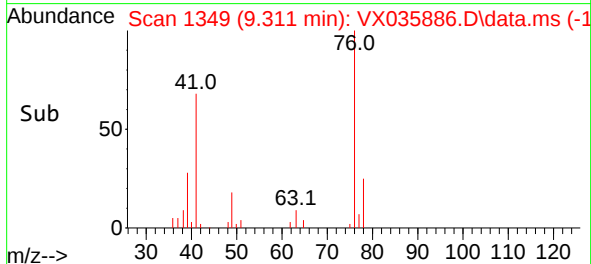
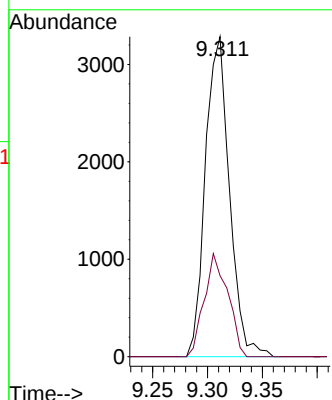
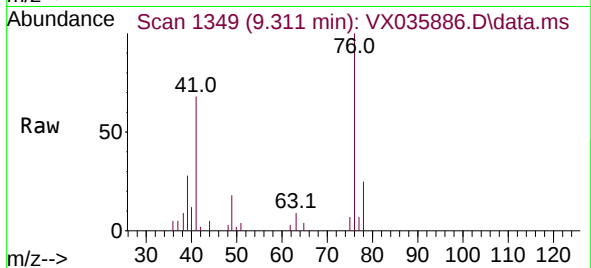
VSTDICC001

Tgt Ion: 76 Resp: 5014

Ion Ratio Lower Upper

76 100

78 31.6 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 4.493 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX035886.D

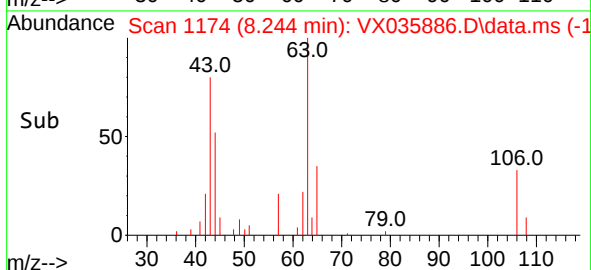
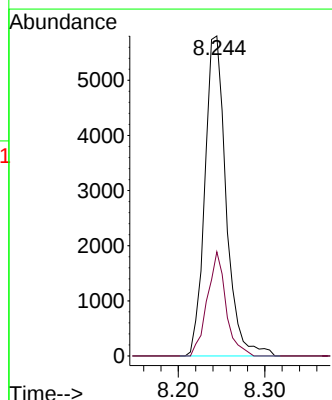
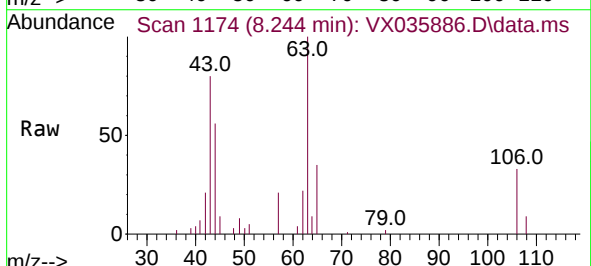
Acq: 26 May 2023 15:54

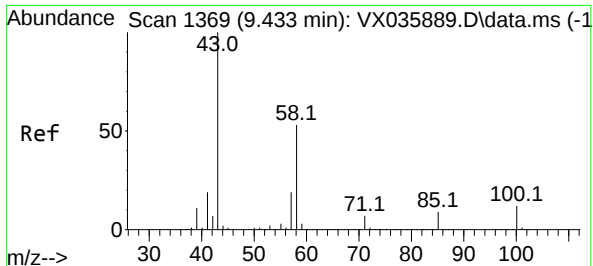
Tgt Ion: 63 Resp: 9891

Ion Ratio Lower Upper

63 100

106 28.7 22.3 33.5





#59

2-Hexanone

Concen: 4.622 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX035886.D

Acq: 26 May 2023 15:54

Instrument :

MSVOA_X

ClientSampleId :

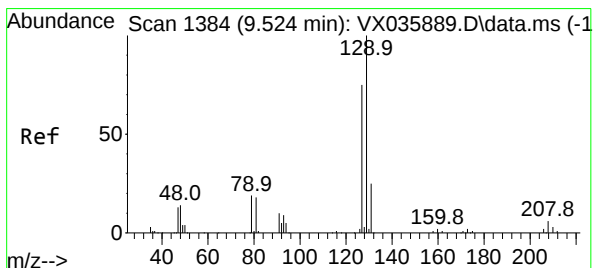
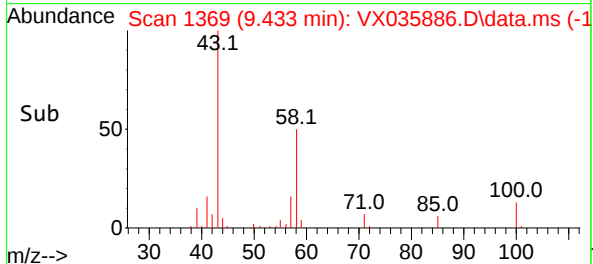
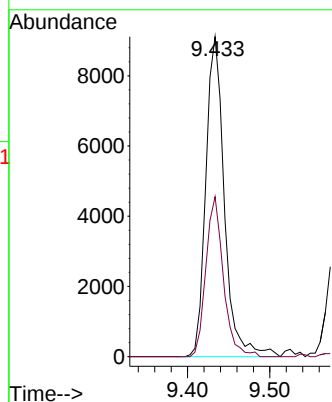
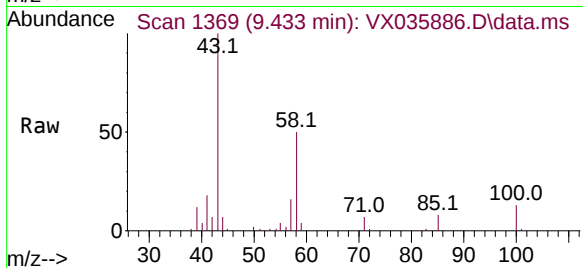
VSTDIC001

Tgt Ion: 43 Resp: 14296

Ion Ratio Lower Upper

43 100

58 47.2 26.3 78.8



#60

Dibromochloromethane

Concen: 0.739 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.005 min

Lab File: VX035886.D

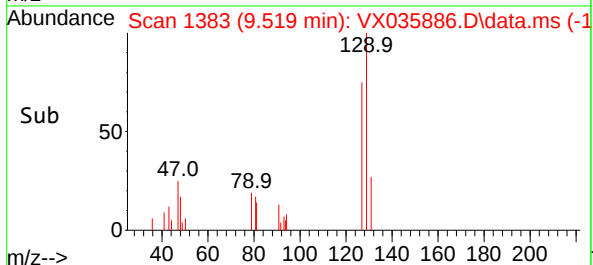
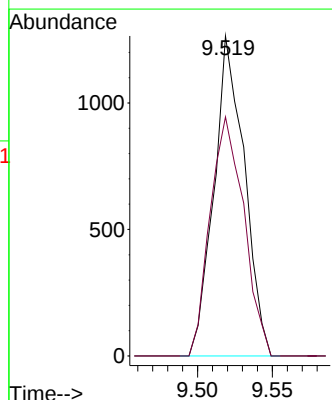
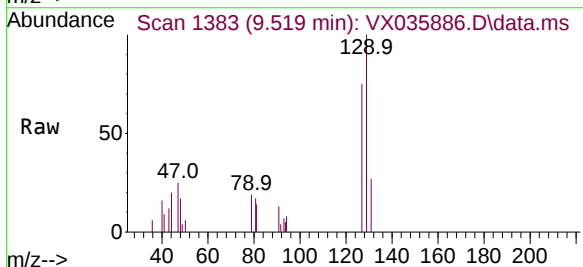
Acq: 26 May 2023 15:54

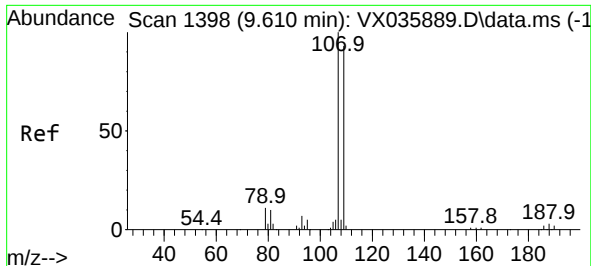
Tgt Ion: 129 Resp: 1788

Ion Ratio Lower Upper

129 100

127 82.8 38.4 115.1

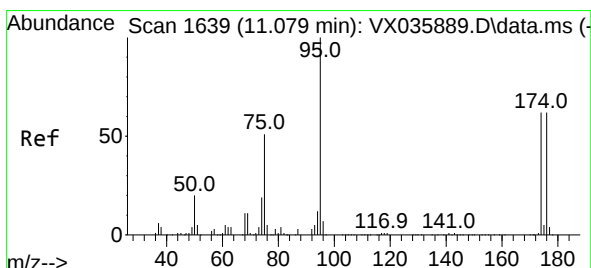
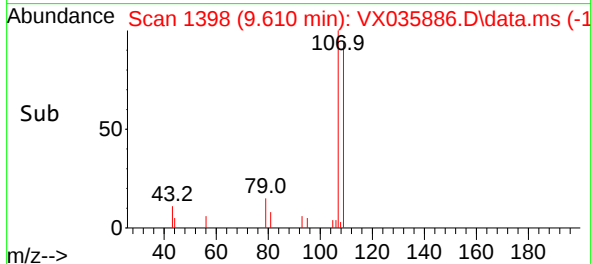
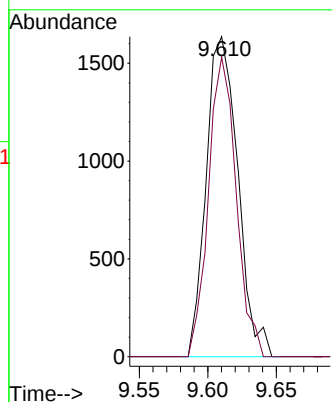
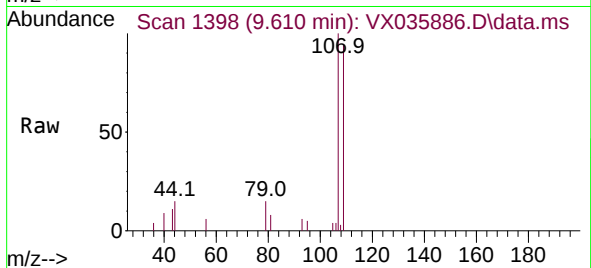




#61
1,2-Dibromoethane
Concen: 0.944 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX035886.D
Acq: 26 May 2023 15:54

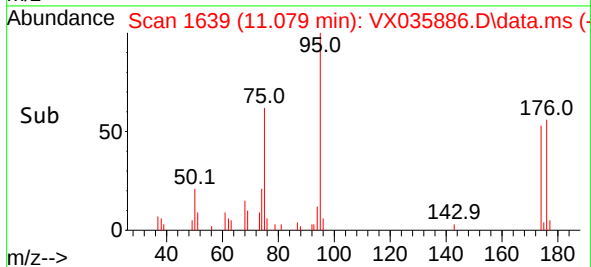
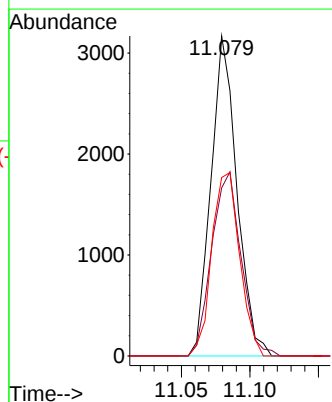
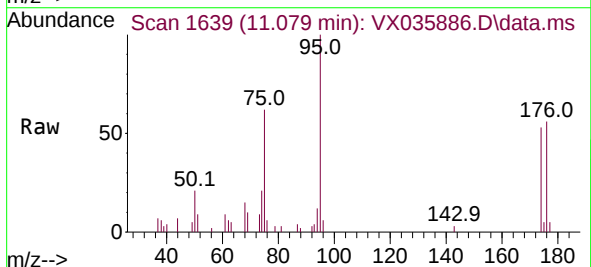
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

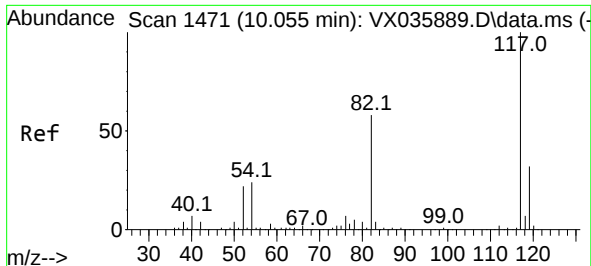
Tgt Ion:107 Resp: 2627
Ion Ratio Lower Upper
107 100
109 82.1 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 1.158 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035886.D
Acq: 26 May 2023 15:54

Tgt Ion: 95 Resp: 4177
Ion Ratio Lower Upper
95 100
174 64.8 0.0 132.6
176 61.6 0.0 128.0

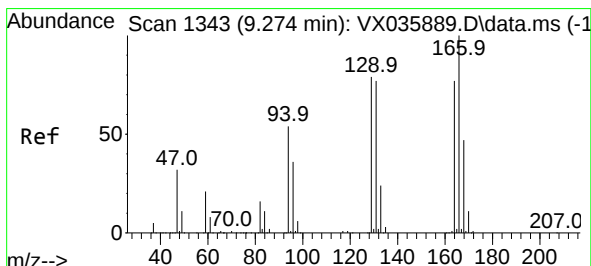
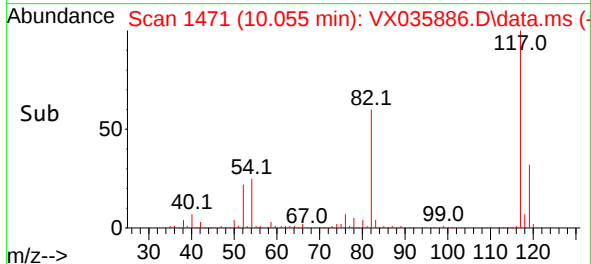
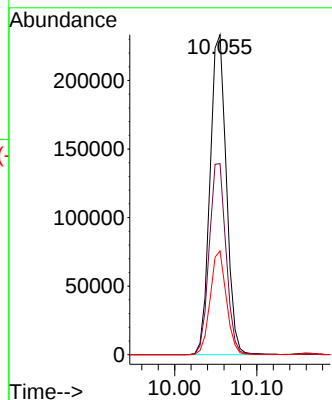
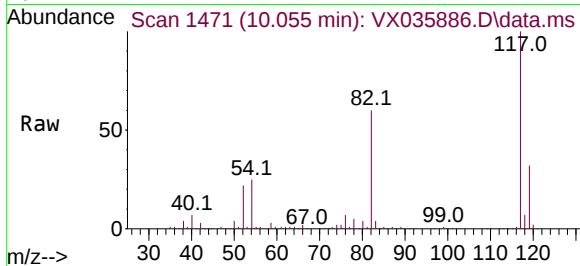




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035886.D
Acq: 26 May 2023 15:54

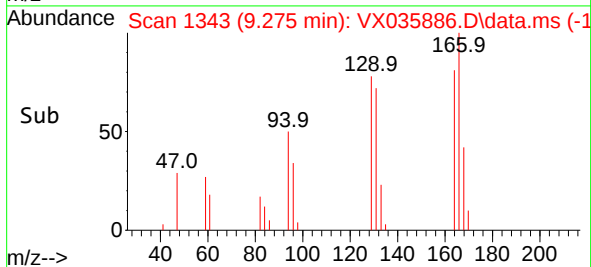
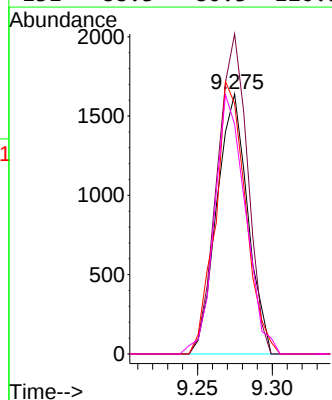
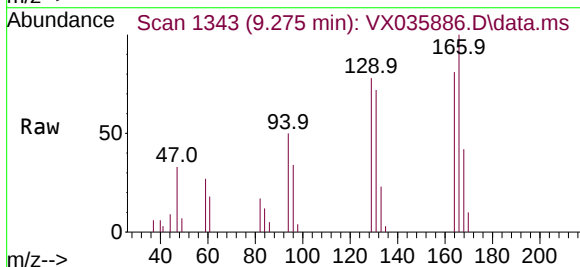
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

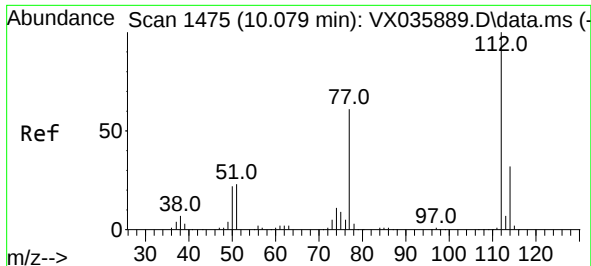
Tgt Ion:117 Resp: 322367
Ion Ratio Lower Upper
117 100
82 59.7 46.6 69.8
119 32.5 25.4 38.2



#64
Tetrachloroethene
Concen: 1.080 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX035886.D
Acq: 26 May 2023 15:54

Tgt Ion:164 Resp: 2356
Ion Ratio Lower Upper
164 100
166 123.0 104.4 156.6
129 96.3 82.0 123.0
131 88.3 80.3 120.5

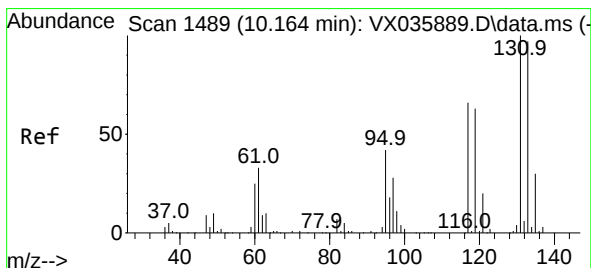
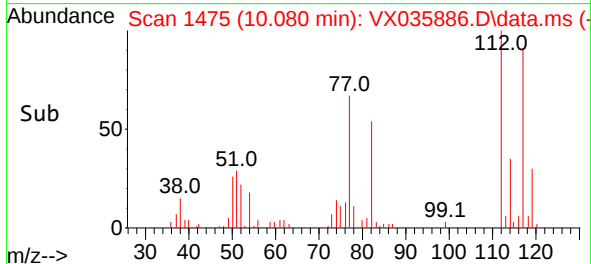
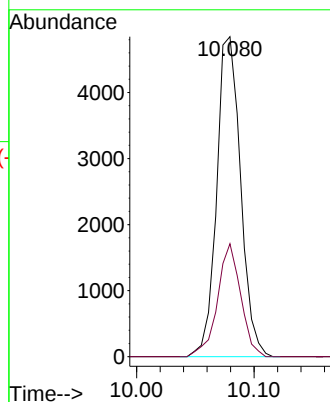
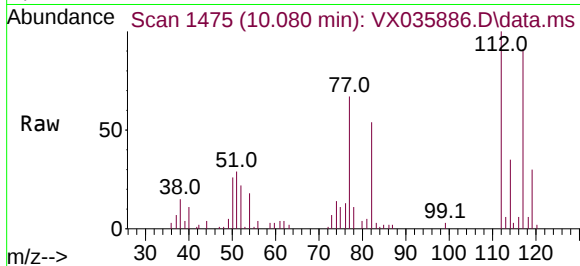




#65
Chlorobenzene
Concen: 1.000 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035886.D
Acq: 26 May 2023 15:54

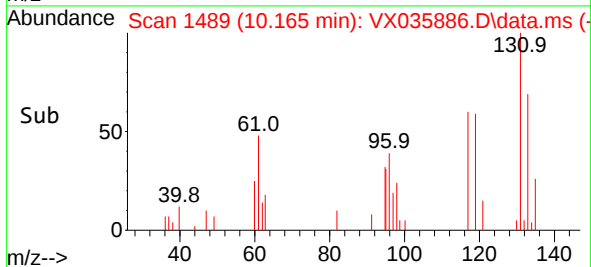
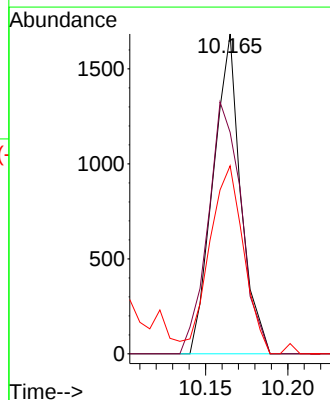
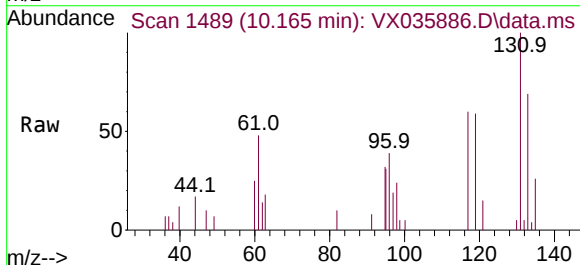
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

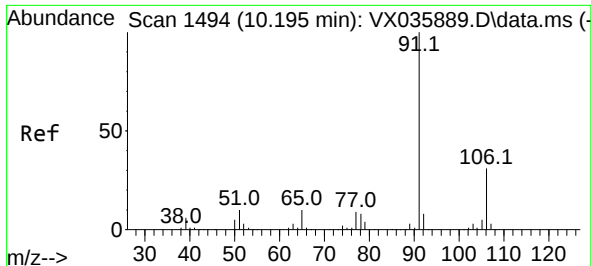
Tgt Ion:112 Resp: 6864
Ion Ratio Lower Upper
112 100
114 35.3 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 0.835 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX035886.D
Acq: 26 May 2023 15:54

Tgt Ion:131 Resp: 1967
Ion Ratio Lower Upper
131 100
133 94.6 48.1 144.3
119 0.0 32.1 96.5#

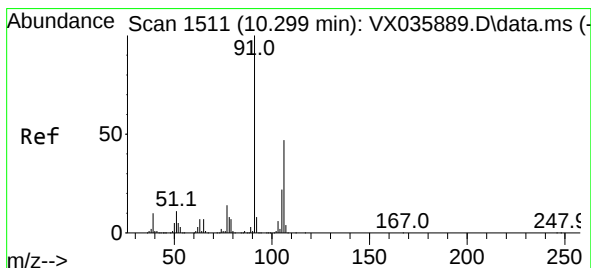
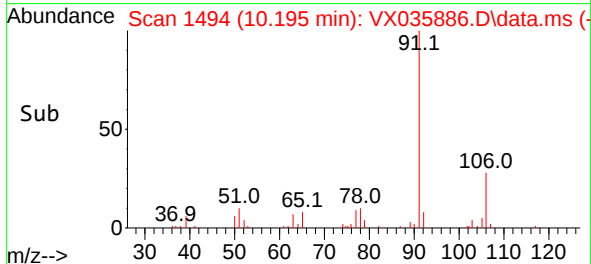
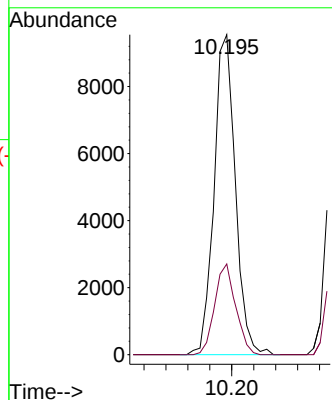
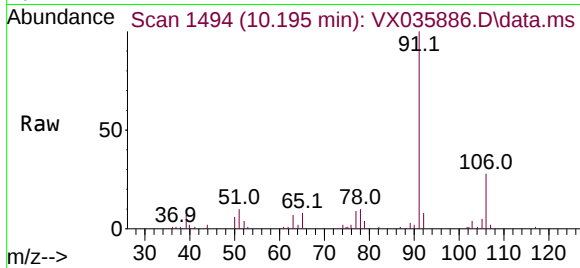




#67
Ethyl Benzene
Concen: 1.010 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035886.D
Acq: 26 May 2023 15:54

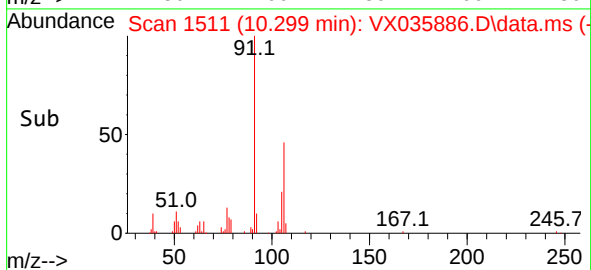
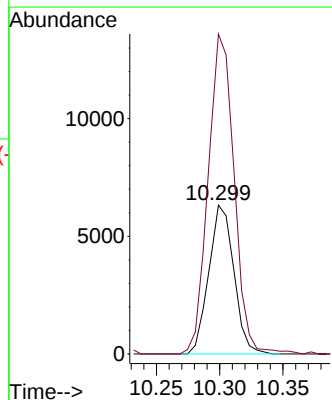
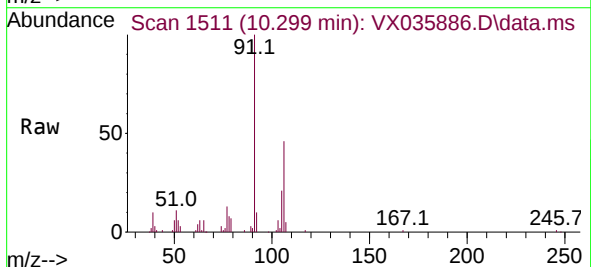
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

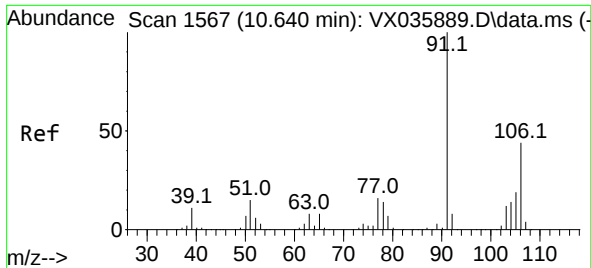
Tgt Ion: 91 Resp: 12856
Ion Ratio Lower Upper
91 100
106 28.4 24.6 37.0



#68
m/p-Xylenes
Concen: 1.849 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX035886.D
Acq: 26 May 2023 15:54

Tgt Ion: 106 Resp: 8710
Ion Ratio Lower Upper
106 100
91 223.3 169.8 254.8

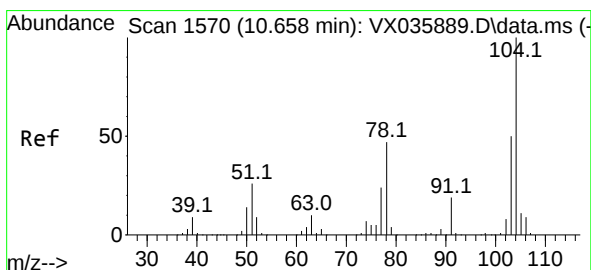
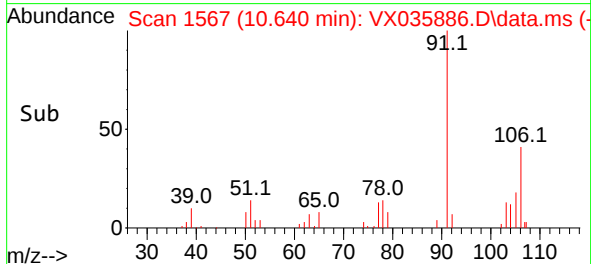
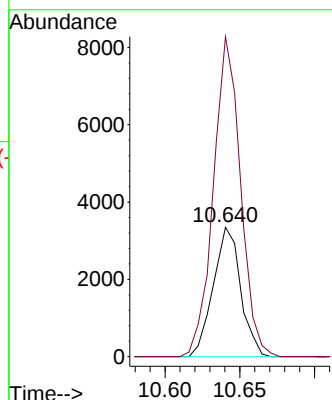
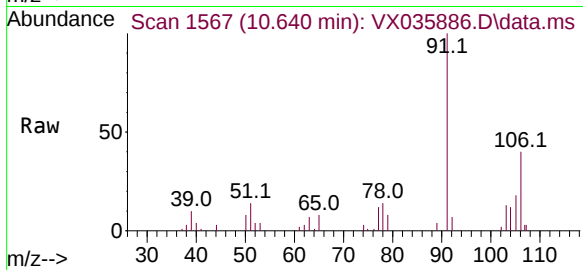




#69
o-Xylene
Concen: 0.910 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035886.D
Acq: 26 May 2023 15:54

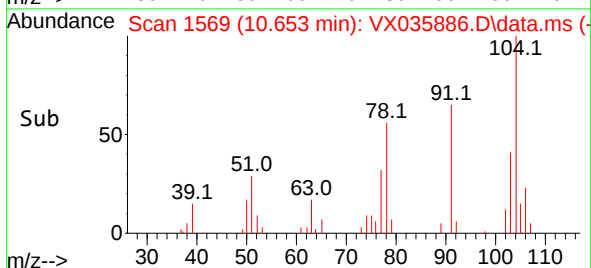
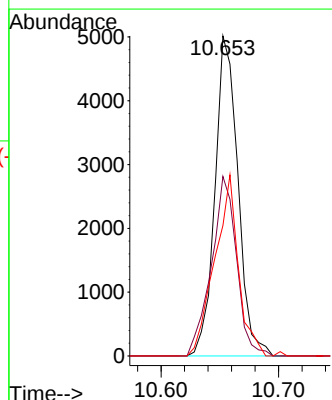
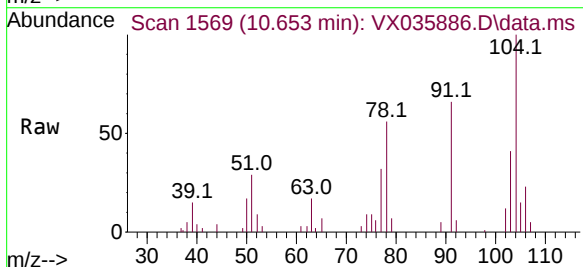
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

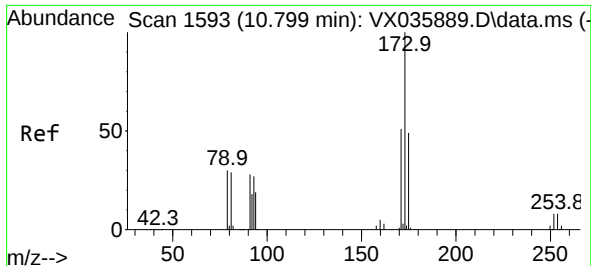
Tgt Ion:106 Resp: 4259
Ion Ratio Lower Upper
106 100
91 244.8 112.5 337.4



#70
Styrene
Concen: 0.888 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX035886.D
Acq: 26 May 2023 15:54

Tgt Ion:104 Resp: 6829
Ion Ratio Lower Upper
104 100
78 61.3 44.7 67.1
103 58.1 44.0 66.0

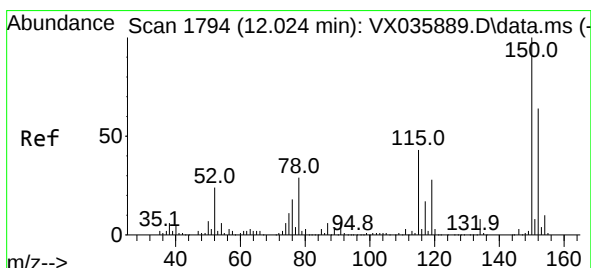
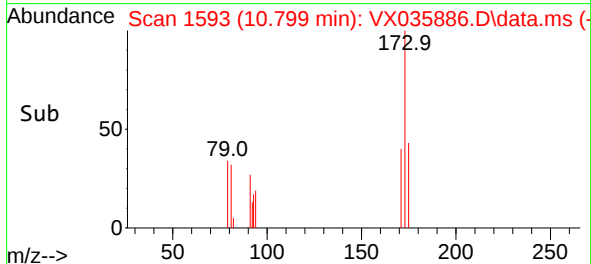
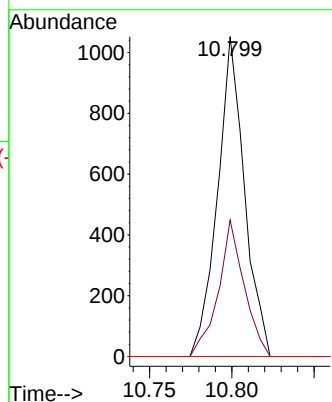
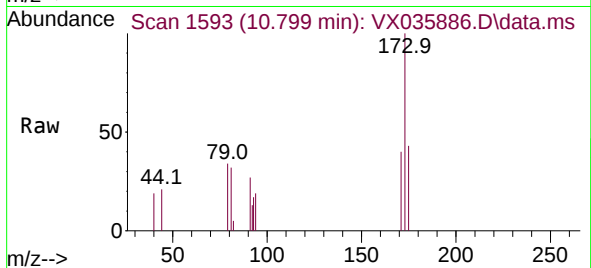




#71
Bromoform
Concen: 0.787 ug/l
RT: 10.799 min Scan# 1198
Delta R.T. -0.000 min
Lab File: VX035886.D
Acq: 26 May 2023 15:54

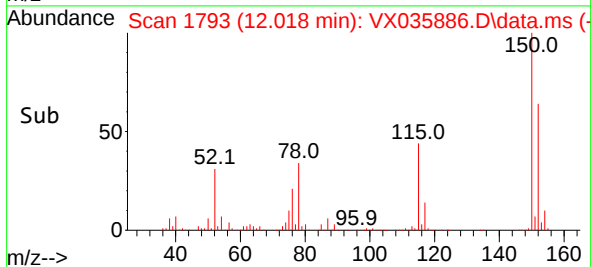
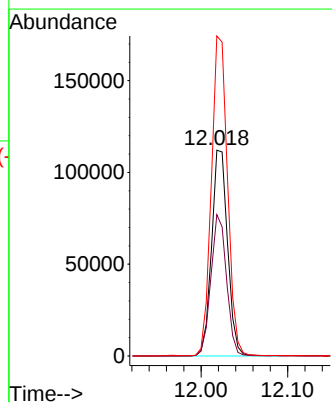
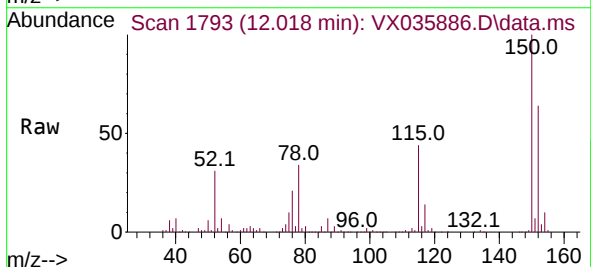
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

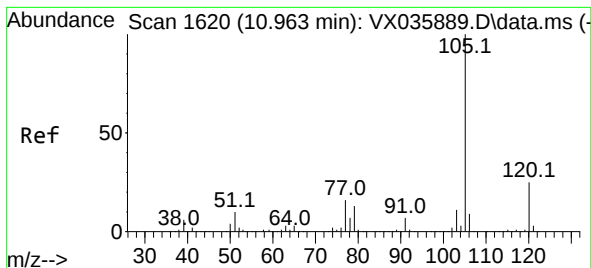
Tgt Ion:173 Resp: 1198
Ion Ratio Lower Upper
173 100
175 41.1 24.2 72.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX035886.D
Acq: 26 May 2023 15:54

Tgt Ion:152 Resp: 144059
Ion Ratio Lower Upper
152 100
115 67.1 45.5 136.5
150 156.7 0.0 345.2





#73

Isopropylbenzene

Concen: 0.982 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035886.D

Acq: 26 May 2023 15:54

Instrument :

MSVOA_X

ClientSampleId :

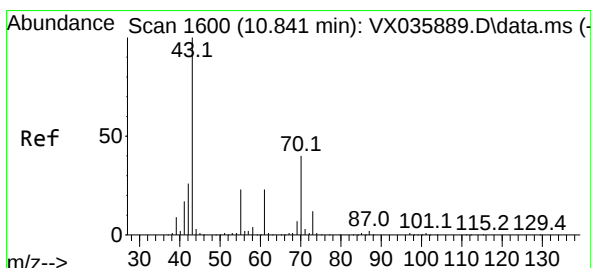
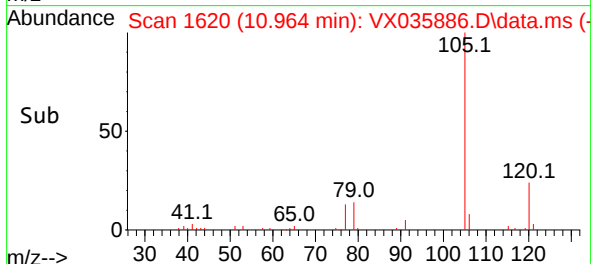
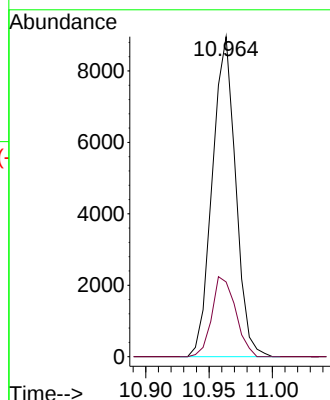
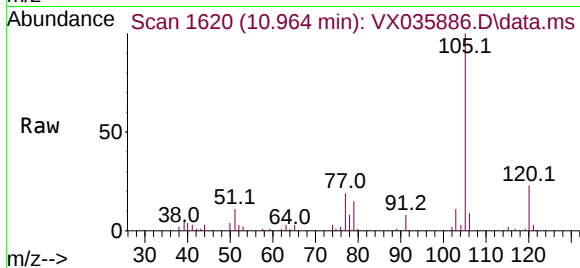
VSTDIC001

Tgt Ion:105 Resp: 11479

Ion Ratio Lower Upper

105 100

120 25.4 12.7 38.0



#74

N-ethyl acetate

Concen: 0.866 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX035886.D

Acq: 26 May 2023 15:54

Tgt Ion: 43 Resp: 4401

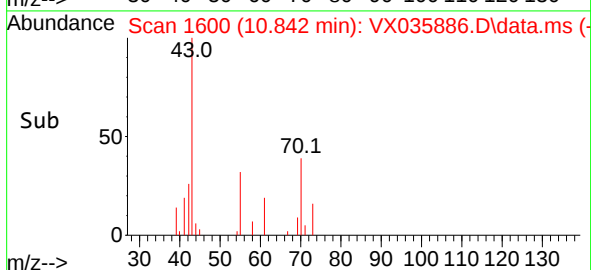
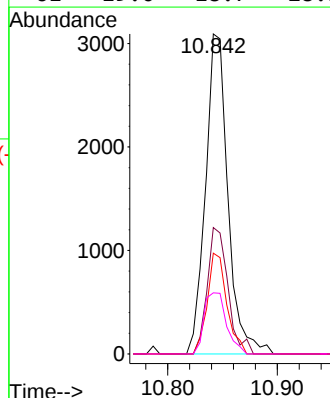
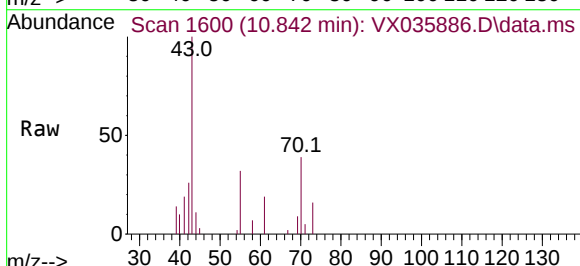
Ion Ratio Lower Upper

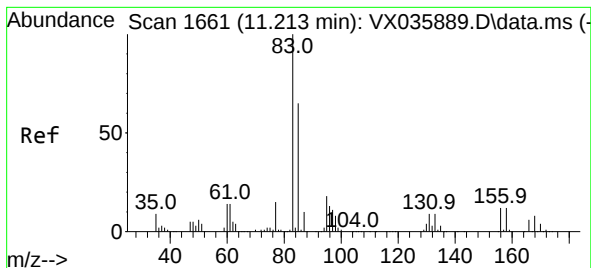
43 100

70 36.3 32.6 48.8

55 27.4 19.0 28.4

61 19.0 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 1.025 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX035886.D

Acq: 26 May 2023 15:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

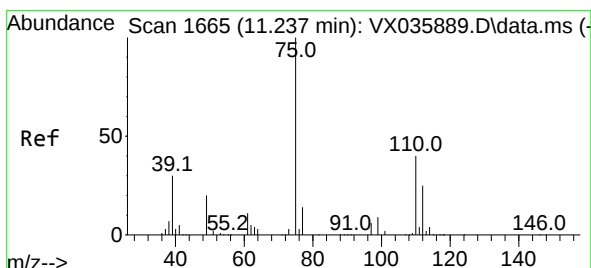
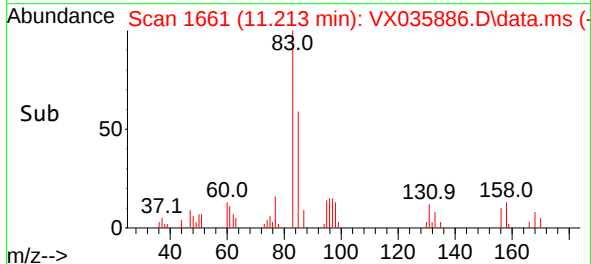
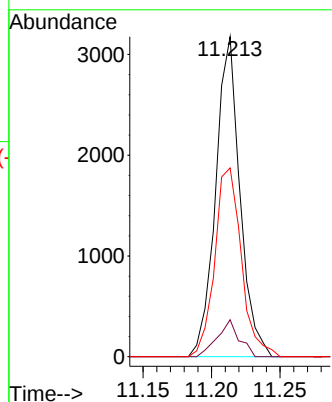
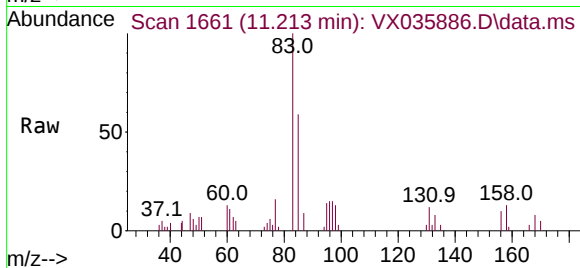
Tgt Ion: 83 Resp: 3913

Ion Ratio Lower Upper

83 100

131 10.4 4.9 14.7

85 64.6 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 1.130 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX035886.D

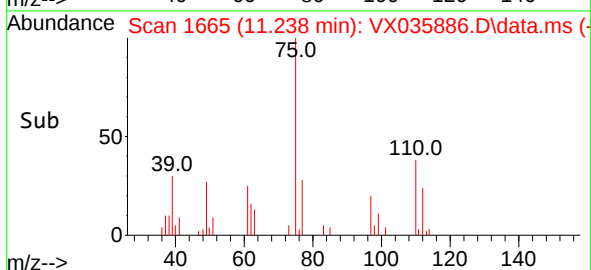
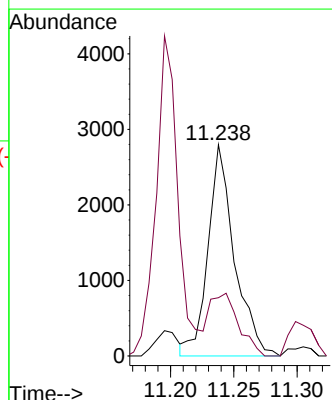
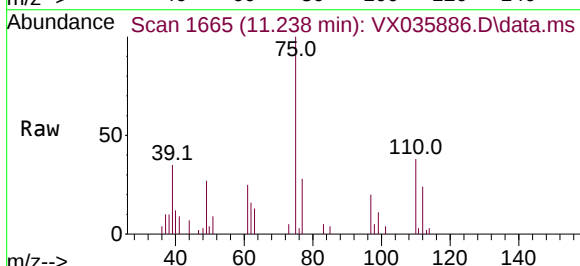
Acq: 26 May 2023 15:54

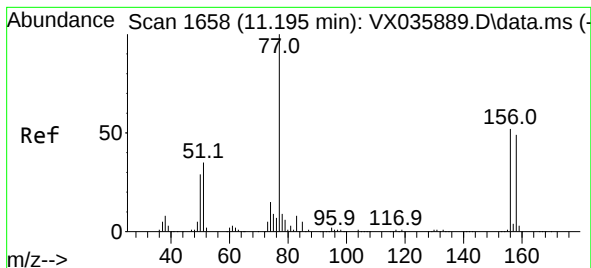
Tgt Ion: 75 Resp: 4063

Ion Ratio Lower Upper

75 100

77 32.2 21.4 64.2





#77

Bromobenzene

Concen: 0.968 ug/l

RT: 11.201 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX035886.D

Acq: 26 May 2023 15:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

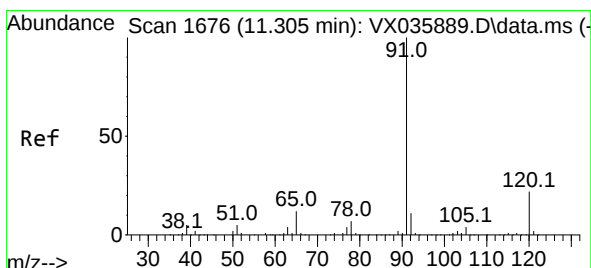
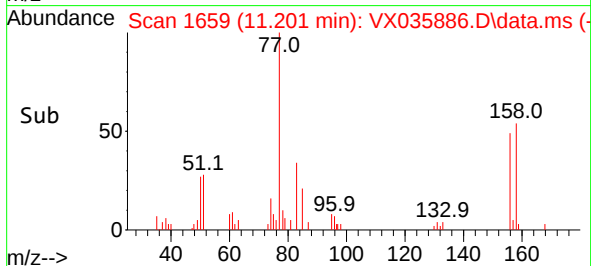
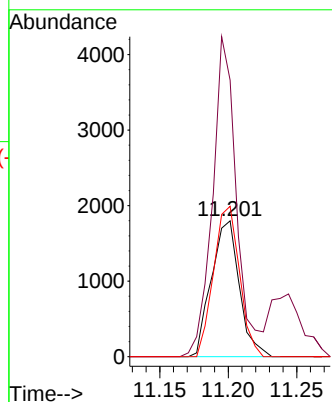
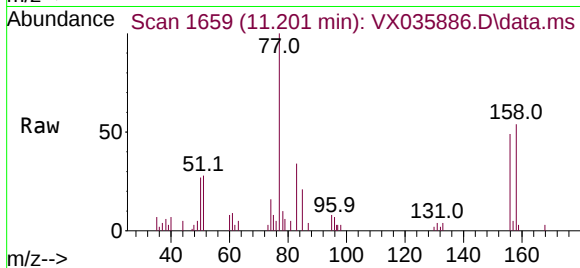
Tgt Ion:156 Resp: 2550

Ion Ratio Lower Upper

156 100

77 202.4 90.8 272.3

158 102.7 47.4 142.3



#78

n-propylbenzene

Concen: 0.946 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX035886.D

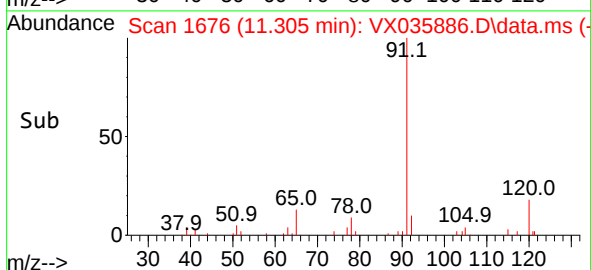
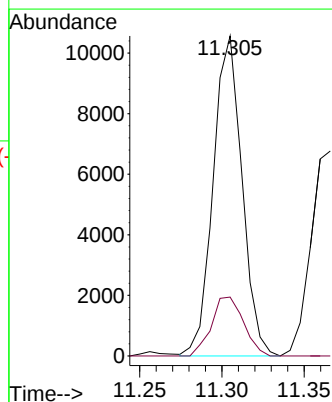
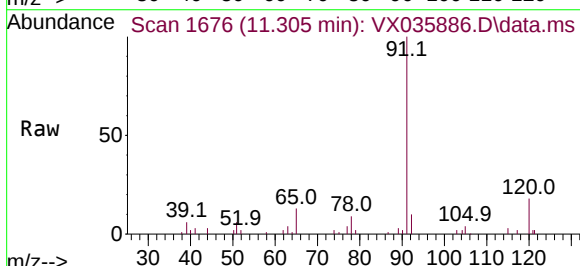
Acq: 26 May 2023 15:54

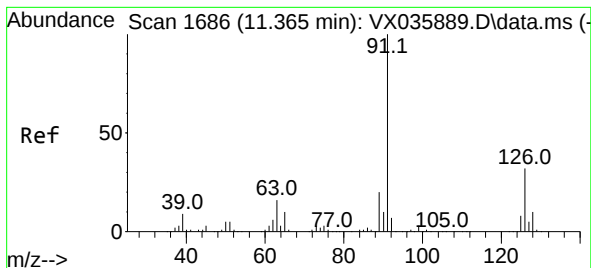
Tgt Ion: 91 Resp: 12877

Ion Ratio Lower Upper

91 100

120 20.5 10.9 32.9





#79

2-Chlorotoluene

Concen: 1.065 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035886.D

Acq: 26 May 2023 15:54

Instrument :

MSVOA_X

ClientSampleId :

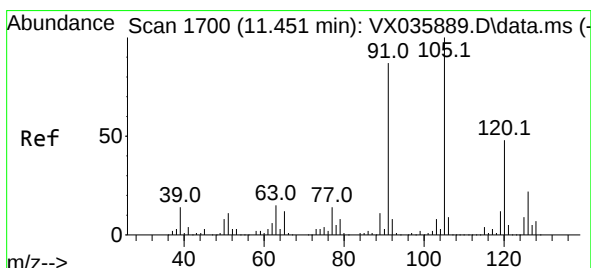
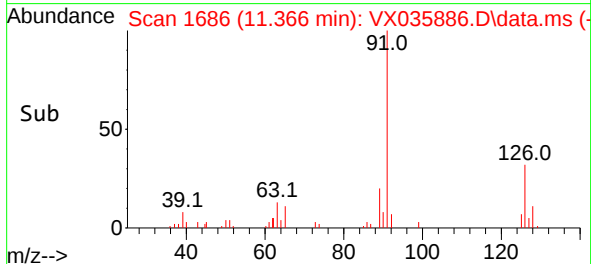
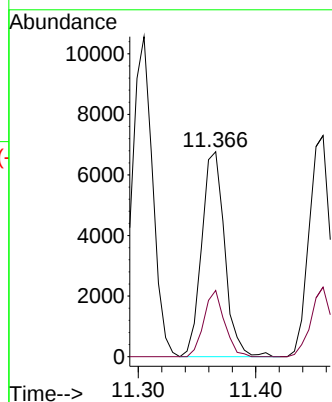
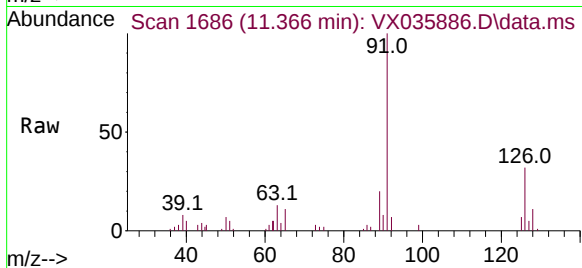
VSTDIC001

Tgt Ion: 91 Resp: 9194

Ion Ratio Lower Upper

91 100

126 29.0 15.8 47.4



#80

1,3,5-Trimethylbenzene

Concen: 0.933 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX035886.D

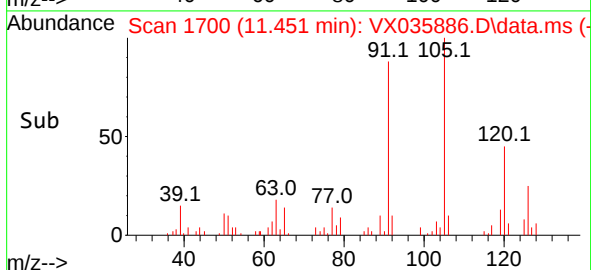
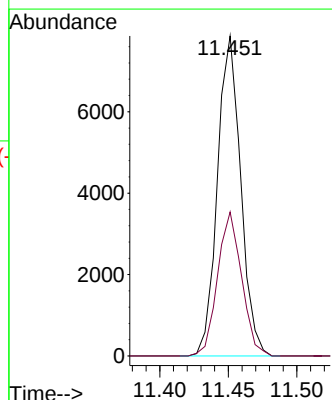
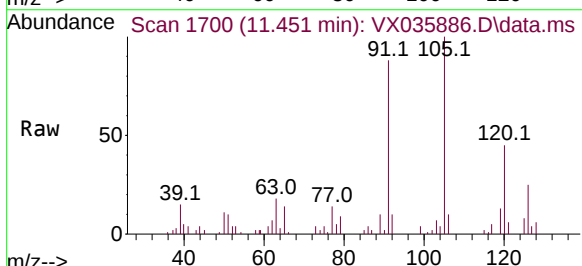
Acq: 26 May 2023 15:54

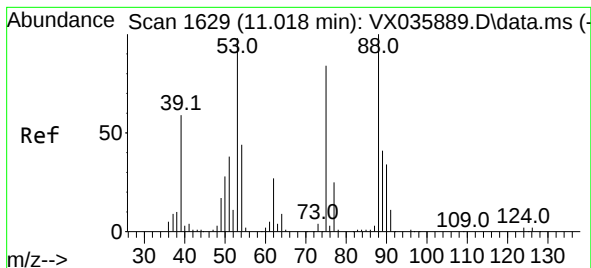
Tgt Ion: 105 Resp: 9283

Ion Ratio Lower Upper

105 100

120 46.4 23.8 71.4

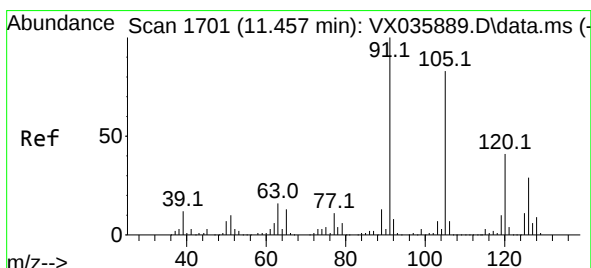
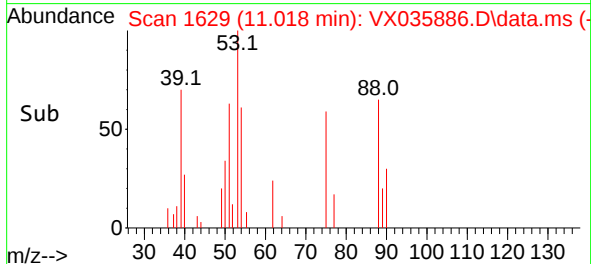
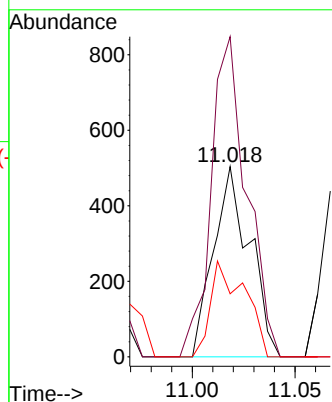
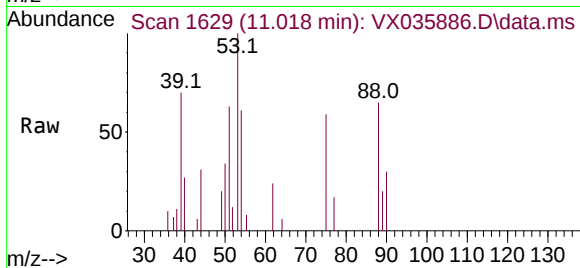




#81
trans-1,4-Dichloro-2-butene
Concen: 6.807 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035886.D
Acq: 26 May 2023 15:54

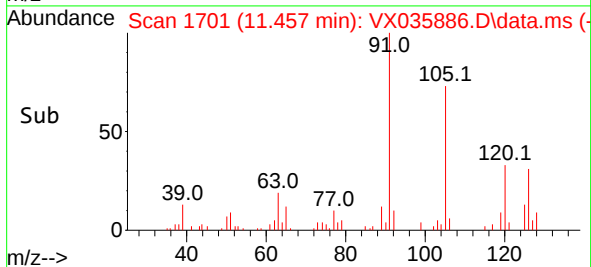
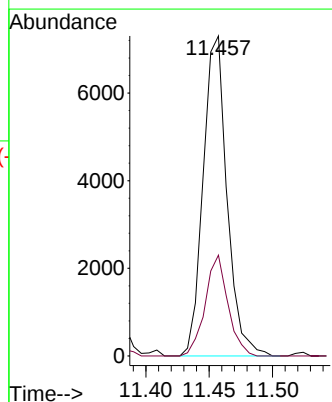
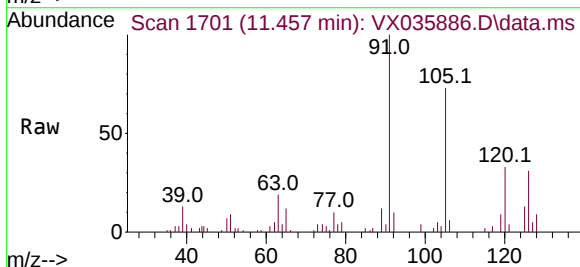
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

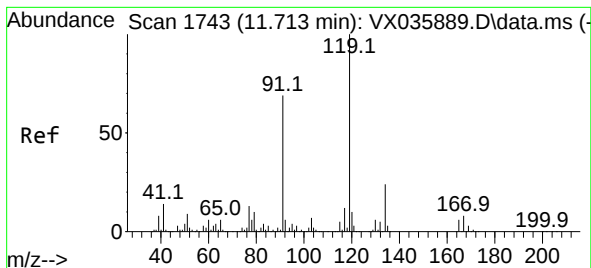
Tgt Ion: 75 Resp: 617
Ion Ratio Lower Upper
75 100
53 166.0 95.2 142.8#
89 47.6 38.0 57.0



#82
4-Chlorotoluene
Concen: 0.979 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX035886.D
Acq: 26 May 2023 15:54

Tgt Ion: 91 Resp: 9614
Ion Ratio Lower Upper
91 100
126 29.9 13.7 41.0





#83

tert-Butylbenzene

Concen: 0.956 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX035886.D

Acq: 26 May 2023 15:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

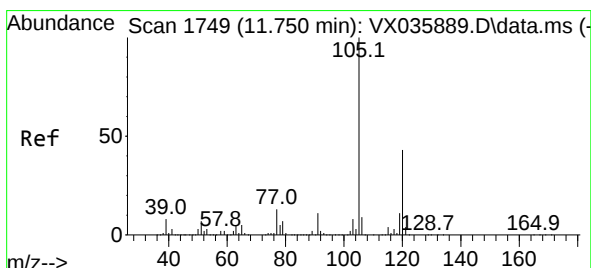
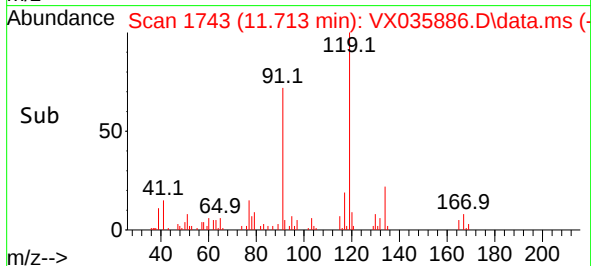
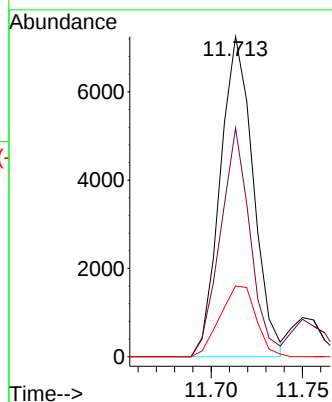
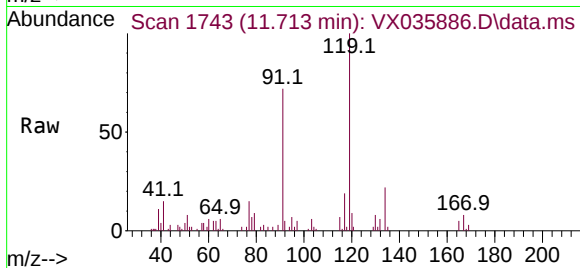
Tgt Ion:119 Resp: 9137

Ion Ratio Lower Upper

119 100

91 64.8 32.4 97.0

134 24.1 11.6 34.8



#84

1,2,4-Trimethylbenzene

Concen: 0.933 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX035886.D

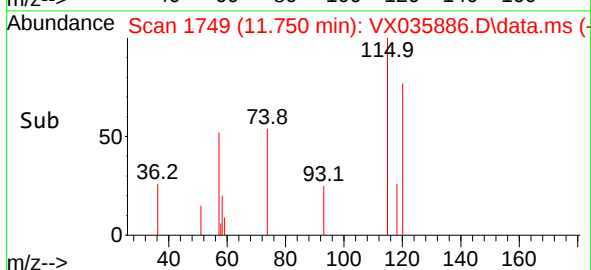
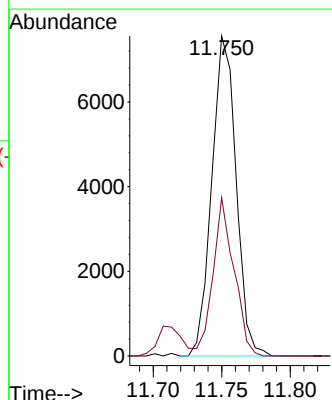
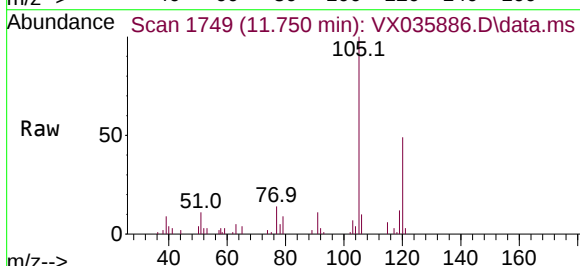
Acq: 26 May 2023 15:54

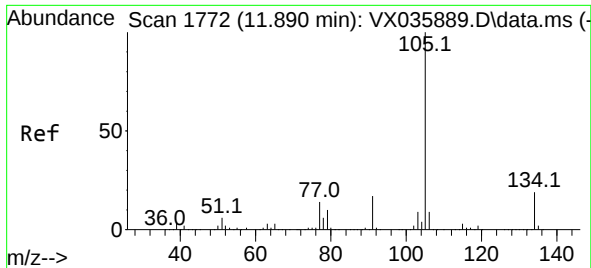
Tgt Ion:105 Resp: 9303

Ion Ratio Lower Upper

105 100

120 42.4 21.6 64.8

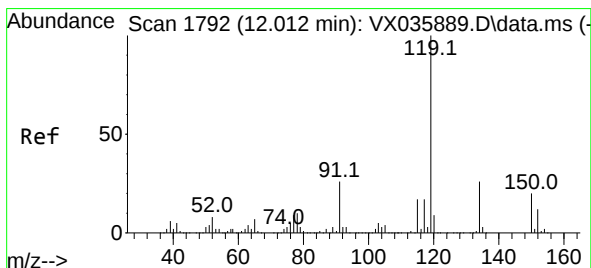
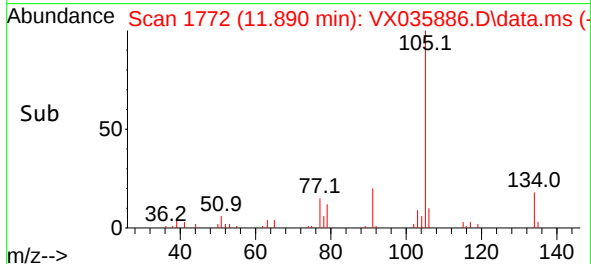
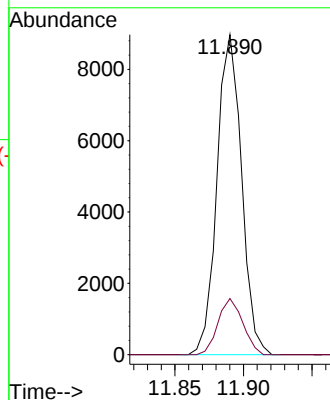
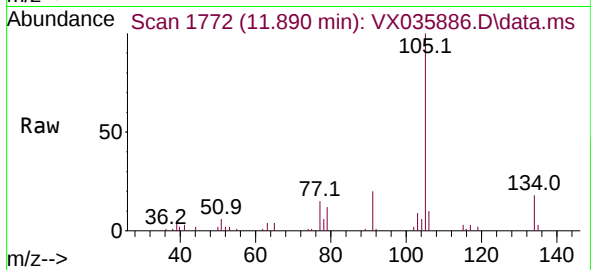




#85
 sec-Butylbenzene
 Concen: 0.936 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035886.D
 Acq: 26 May 2023 15:54

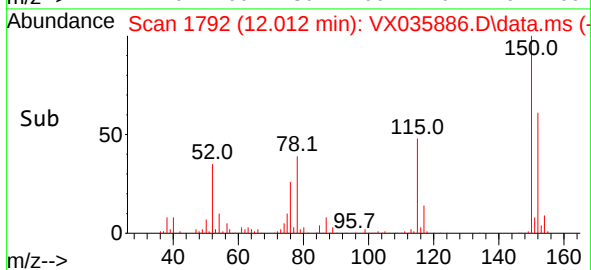
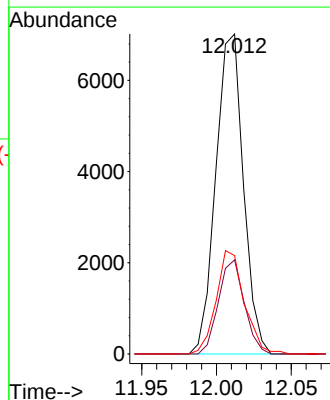
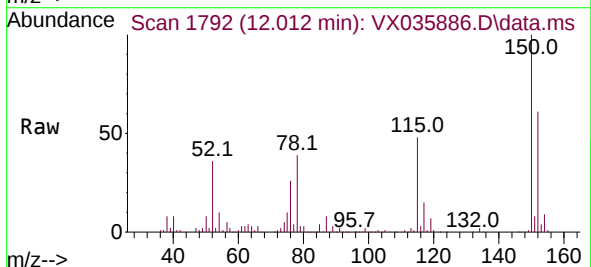
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

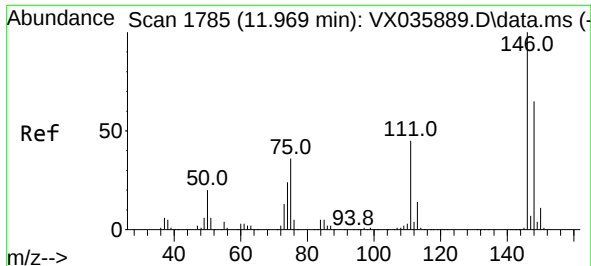
Tgt Ion:105 Resp: 11175
 Ion Ratio Lower Upper
 105 100
 134 17.7 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 0.902 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX035886.D
 Acq: 26 May 2023 15:54

Tgt Ion:119 Resp: 9003
 Ion Ratio Lower Upper
 119 100
 134 27.5 12.7 38.1
 91 32.9 13.5 40.5





#87

1,3-Dichlorobenzene

Concen: 0.968 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035886.D

Acq: 26 May 2023 15:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

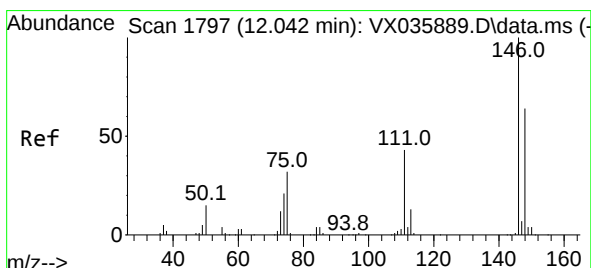
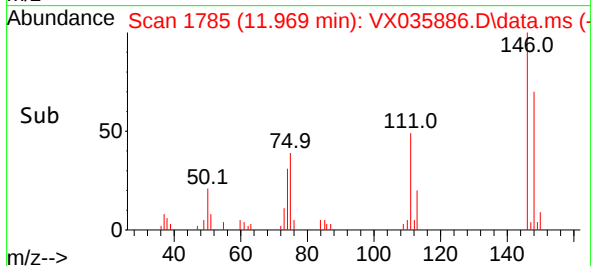
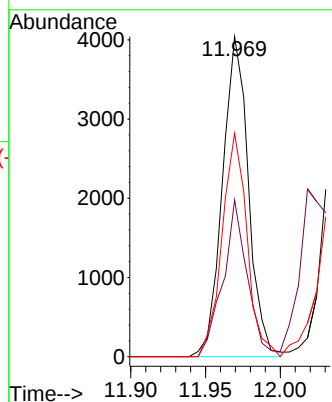
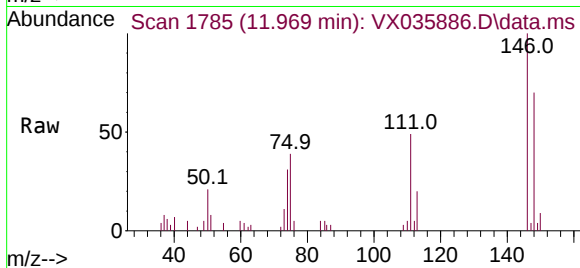
Tgt Ion:146 Resp: 4870

Ion Ratio Lower Upper

146 100

111 46.1 22.6 67.7

148 67.2 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 0.939 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.073 min

Lab File: VX035886.D

Acq: 26 May 2023 15:54

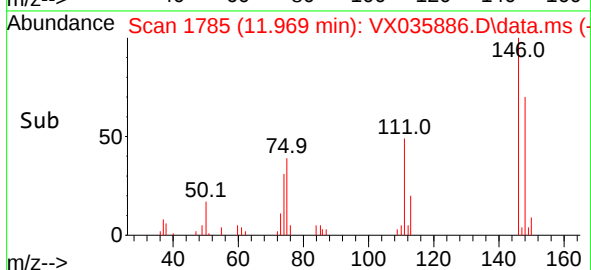
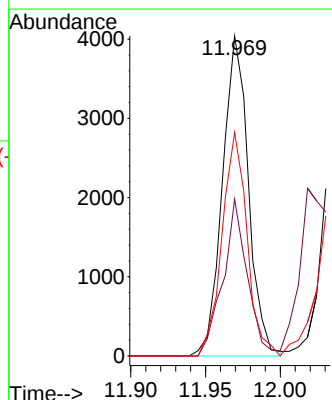
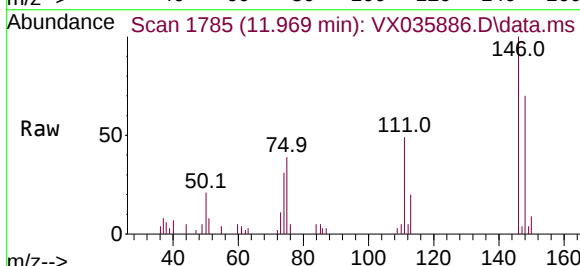
Tgt Ion:146 Resp: 4870

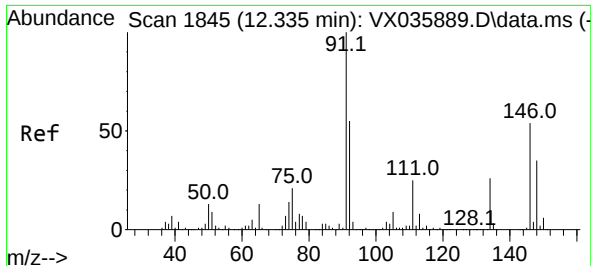
Ion Ratio Lower Upper

146 100

111 46.1 21.8 65.3

148 67.2 31.9 95.7





#89

n-Butylbenzene

Concen: 0.888 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX035886.D

Acq: 26 May 2023 15:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

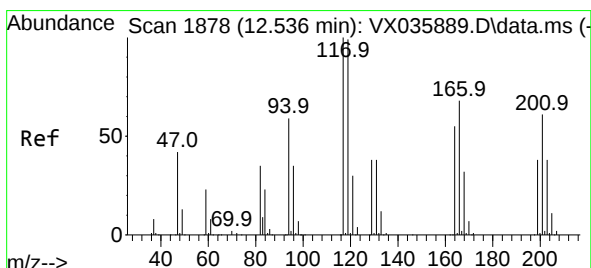
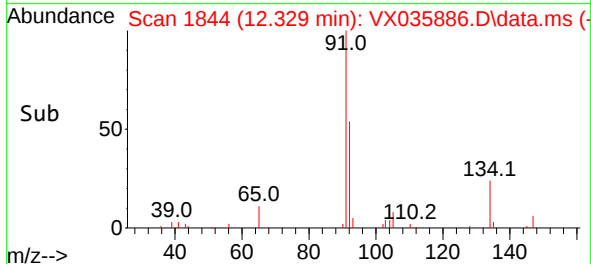
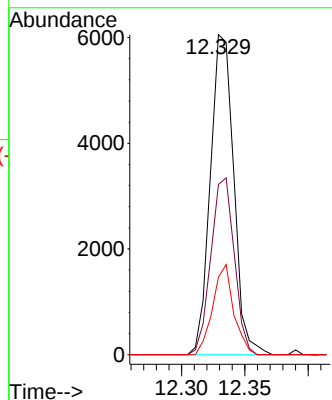
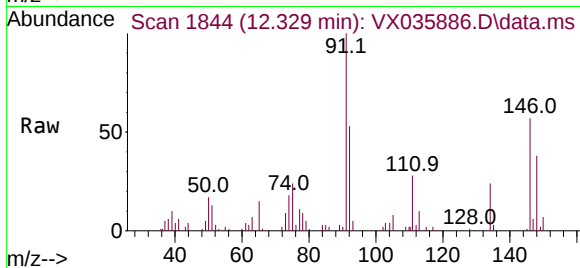
Tgt Ion: 91 Resp: 7796

Ion Ratio Lower Upper

91 100

92 55.3 27.3 81.8

134 25.1 12.4 37.0



#90

Hexachloroethane

Concen: 0.763 ug/l

RT: 12.543 min Scan# 1879

Delta R.T. 0.007 min

Lab File: VX035886.D

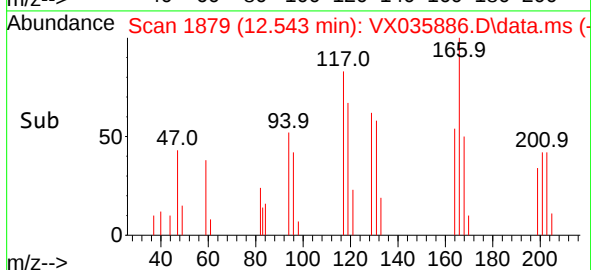
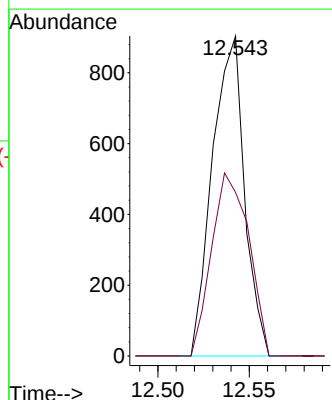
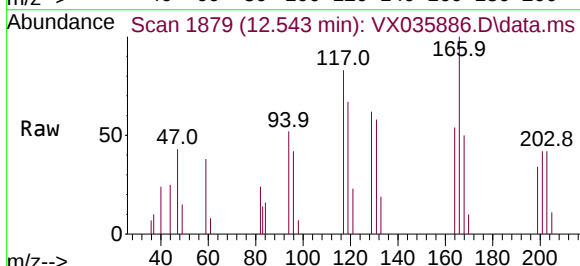
Acq: 26 May 2023 15:54

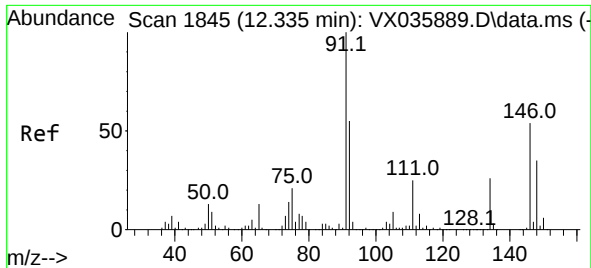
Tgt Ion: 117 Resp: 1102

Ion Ratio Lower Upper

117 100

201 66.4 32.7 98.1

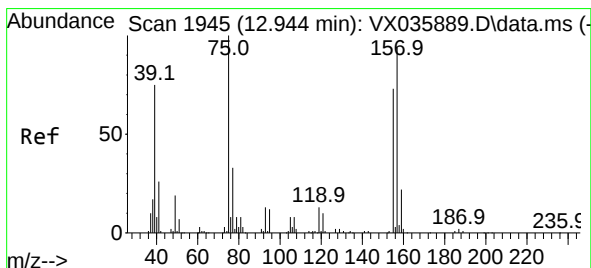
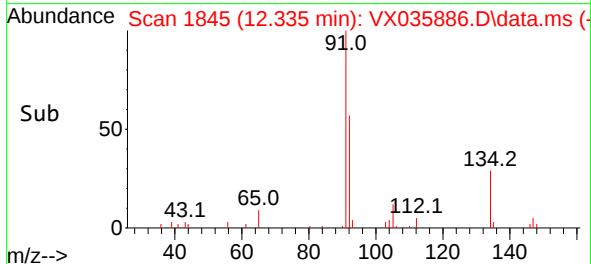
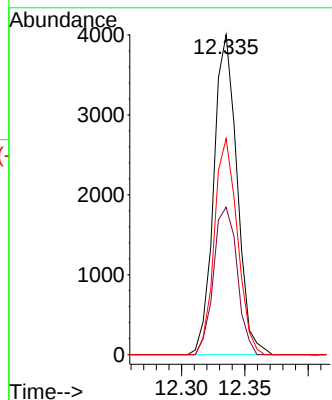
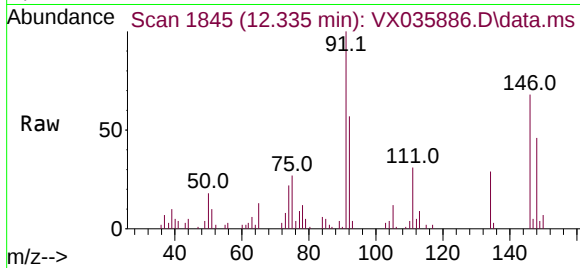




#91
1,2-Dichlorobenzene
Concen: 1.031 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035886.D
Acq: 26 May 2023 15:54

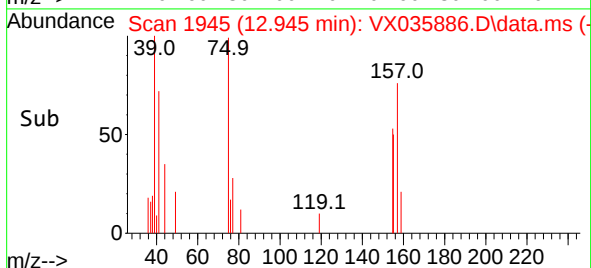
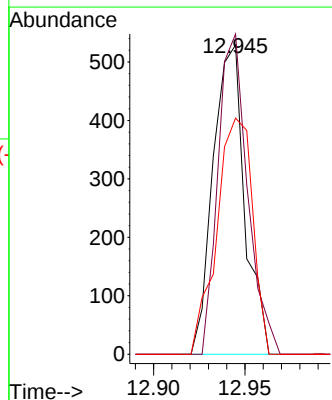
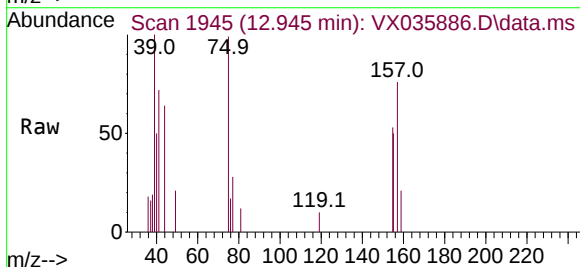
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

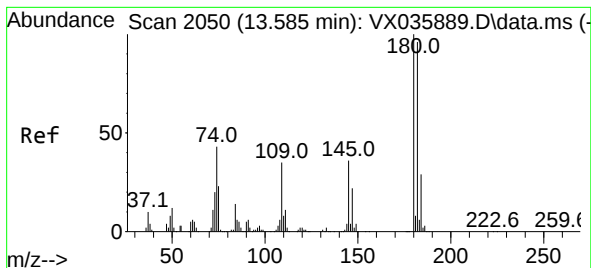
Tgt Ion:146 Resp: 5123
Ion Ratio Lower Upper
146 100
111 46.8 23.3 69.9
148 66.6 31.9 95.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.796 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX035886.D
Acq: 26 May 2023 15:54

Tgt Ion: 75 Resp: 636
Ion Ratio Lower Upper
75 100
155 97.3 35.3 105.7
157 86.6 45.6 136.8





#93

1,2,4-Trichlorobenzene

Concen: 0.976 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX035886.D

Acq: 26 May 2023 15:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

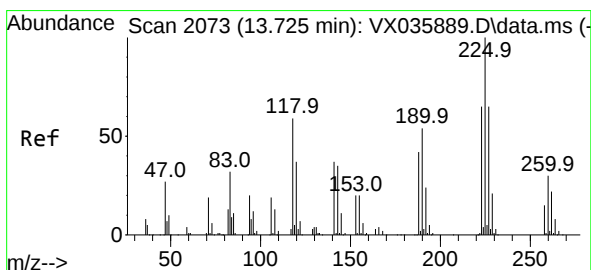
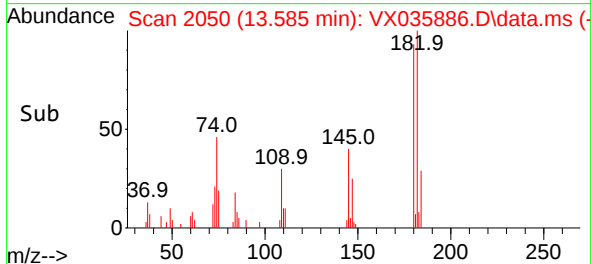
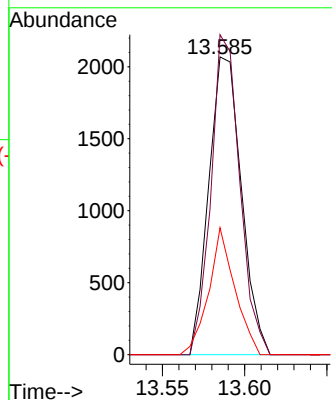
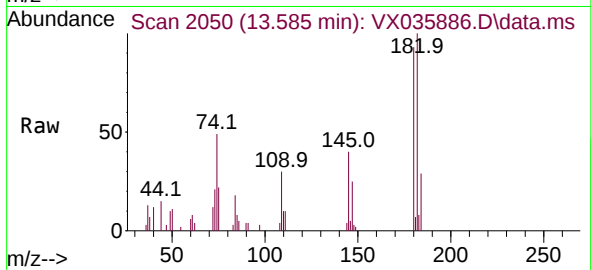
Tgt Ion:180 Resp: 2850

Ion Ratio Lower Upper

180 100

182 94.9 47.3 141.8

145 34.2 17.3 51.9



#94

Hexachlorobutadiene

Concen: 1.107 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX035886.D

Acq: 26 May 2023 15:54

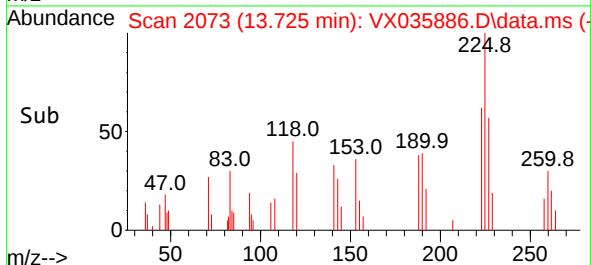
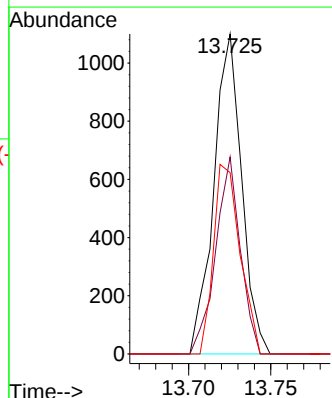
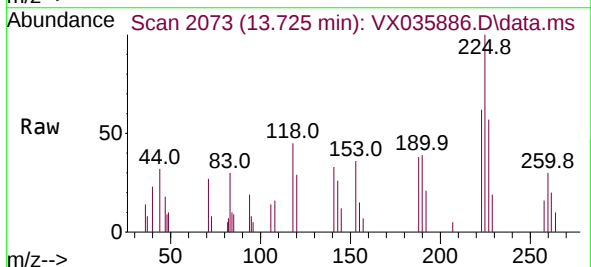
Tgt Ion:225 Resp: 1297

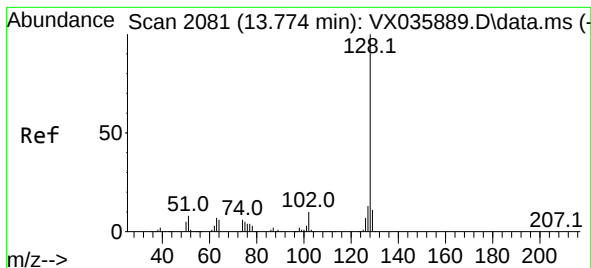
Ion Ratio Lower Upper

225 100

223 54.4 32.6 97.7

227 56.3 31.9 95.7





#95

Naphthalene

Concen: 0.935 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX035886.D

Acq: 26 May 2023 15:54

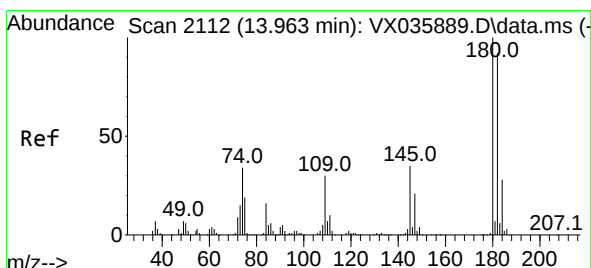
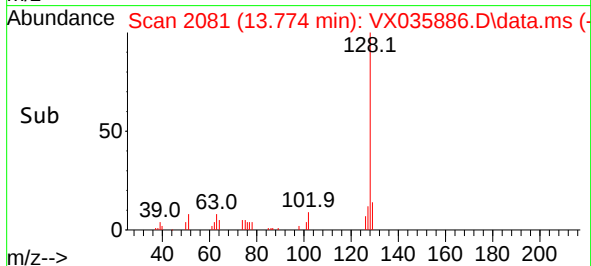
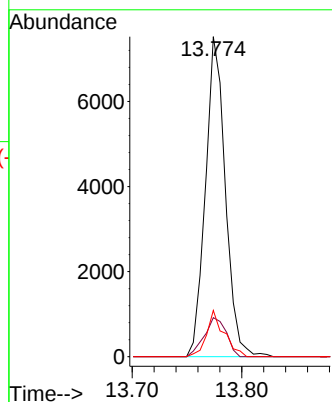
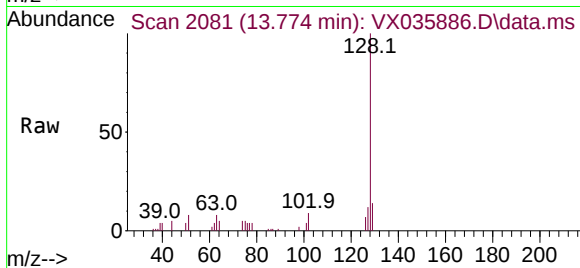
Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion:	128	Resp:	9486
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.3	15.5
129	12.6	8.7	13.1



#96

1,2,3-Trichlorobenzene

Concen: 1.021 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX035886.D

Acq: 26 May 2023 15:54

Tgt Ion:	180	Resp:	2971
Ion Ratio	Lower	Upper	
180	100		
182	84.2	46.9	140.7
145	36.0	18.1	54.3

