

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060722\
 Data File : VX029287.D
 Acq On : 07 Jun 2022 20:05
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Jun 08 01:56:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 08 01:54:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	186695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	305843	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	322568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	200322	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	58280	26.063	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	52.120%#
35) Dibromofluoromethane	5.385	113	48432	22.990	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	45.980%#
50) Toluene-d8	8.653	98	172646	22.625	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	45.260%#
62) 4-Bromofluorobenzene	11.085	95	68888	23.162	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	46.320%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	57455	30.930	ug/l	100
3) Chloromethane	1.288	50	62177	31.995	ug/l	97
4) Vinyl Chloride	1.373	62	66126	31.198	ug/l	96
5) Bromomethane	1.611	94	35555	31.917	ug/l	97
6) Chloroethane	1.684	64	29677	22.951	ug/l	99
7) Trichlorofluoromethane	1.886	101	97028	29.896	ug/l	95
8) Diethyl Ether	2.136	74	37464	30.192	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	58714	30.464	ug/l	97
10) Methyl Iodide	2.453	142	62557	28.512	ug/l	95
11) Tert butyl alcohol	3.001	59	90032	160.625	ug/l #	81
12) 1,1-Dichloroethene	2.318	96	55841	29.534	ug/l	96
13) Acrolein	2.239	56	33666	138.413	ug/l	100
14) Allyl chloride	2.666	41	91853	31.826	ug/l	95
15) Acrylonitrile	3.068	53	181336	158.455	ug/l	98
16) Acetone	2.392	43	153102	161.893	ug/l	97
17) Carbon Disulfide	2.514	76	132070	26.096	ug/l	98
18) Methyl Acetate	2.709	43	81384	32.952	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	198989	30.945	ug/l	98
20) Methylene Chloride	2.788	84	66076	30.428	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	64117	30.249	ug/l	96
22) Diisopropyl ether	3.763	45	191203	32.880	ug/l #	84
23) Vinyl Acetate	3.727	43	810350	166.023	ug/l	97
24) 1,1-Dichloroethane	3.611	63	111491	31.326	ug/l	99
25) 2-Butanone	4.568	43	248094	161.680	ug/l	98
26) 2,2-Dichloropropane	4.483	77	77193	27.438	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	74262	29.486	ug/l	95
28) Bromochloromethane	4.903	49	41607	29.048	ug/l	97
29) Tetrahydrofuran	5.013	42	163175	164.888	ug/l	94
30) Chloroform	5.098	83	120703	30.970	ug/l	98
31) Cyclohexane	5.470	56	103191	31.971	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	102582	29.309	ug/l	99
36) 1,1-Dichloropropene	5.696	75	87066	29.722	ug/l	100
37) Ethyl Acetate	4.720	43	93257	32.225	ug/l	99
38) Carbon Tetrachloride	5.684	117	89500	27.570	ug/l	97
39) Methylcyclohexane	7.385	83	105860	29.301	ug/l	92
40) Benzene	6.043	78	263537	30.440	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	50258	32.283	ug/l	94
42) 1,2-Dichloroethane	6.092	62	92308	31.211	ug/l	100
43) Isopropyl Acetate	6.348	43	134618	30.090	ug/l	97
44) Trichloroethene	7.135	130	67910	23.770	ug/l	97
45) 1,2-Dichloropropane	7.433	63	63699	30.368	ug/l	100
46) Dibromomethane	7.586	93	46446	28.893	ug/l	94
47) Bromodichloromethane	7.824	83	87847	27.975	ug/l	98
48) Methyl methacrylate	7.696	41	70062	31.899	ug/l	91
49) 1,4-Dioxane	7.689	88	36054	556.825	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	477986	160.160	ug/l	96
52) Toluene	8.720	92	172496	29.947	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	84691	26.303	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	97430	27.332	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	68554	28.832	ug/l	97
56) Ethyl methacrylate	9.122	69	101068	29.422	ug/l	91
57) 1,3-Dichloropropane	9.311	76	115406	30.218	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	237072	146.709	ug/l	99
59) 2-Hexanone	9.433	43	366210	158.168	ug/l	93
60) Dibromochloromethane	9.524	129	63753	24.358	ug/l	96
61) 1,2-Dibromoethane	9.610	107	73589	28.643	ug/l	100
64) Tetrachloroethene	9.274	164	62429	24.468	ug/l	95
65) Chlorobenzene	10.079	112	180908	25.690	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	63311	23.570	ug/l	99
67) Ethyl Benzene	10.195	91	325151	27.090	ug/l	99
68) m/p-Xylenes	10.305	106	255504	53.405	ug/l	98
69) o-Xylene	10.646	106	124838	26.494	ug/l	99
70) Styrene	10.658	104	207581	26.461	ug/l	98
71) Bromoform	10.805	173	43427	19.423	ug/l #	99
73) Isopropylbenzene	10.963	105	321917	23.061	ug/l	99
74) N-amyl acetate	10.847	43	109422	23.820	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	105322	22.458	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	114084	27.100	ug/l	88
77) Bromobenzene	11.201	156	73263	20.136	ug/l	94
78) n-propylbenzene	11.305	91	367658	23.587	ug/l	99
79) 2-Chlorotoluene	11.366	91	228543	23.284	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	274764	23.028	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	25609	18.205	ug/l #	82
82) 4-Chlorotoluene	11.457	91	260829	23.207	ug/l	98
83) tert-Butylbenzene	11.719	119	265060	21.911	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	279902	23.555	ug/l	98
85) sec-Butylbenzene	11.890	105	333768	23.318	ug/l	98
86) p-Isopropyltoluene	12.012	119	277265	22.345	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	142512	20.780	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	143275	20.303	ug/l	97
89) n-Butylbenzene	12.335	91	231516	22.788	ug/l	99
90) Hexachloroethane	12.542	117	41327	18.798	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	141613	20.940	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21401	20.666	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	81406	19.408	ug/l	99
94) Hexachlorobutadiene	13.725	225	32128	16.970	ug/l	96
95) Naphthalene	13.780	128	294667	21.615	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	81944	19.803	ug/l	95

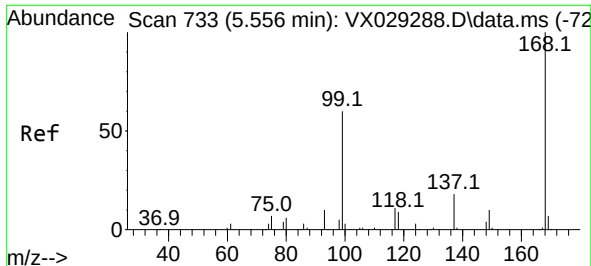
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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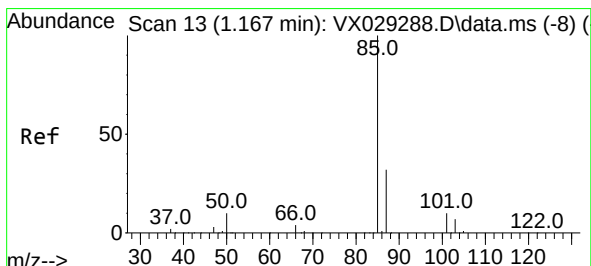
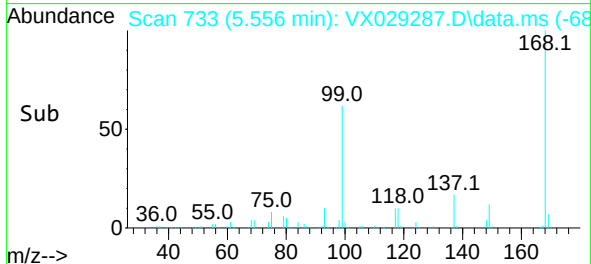
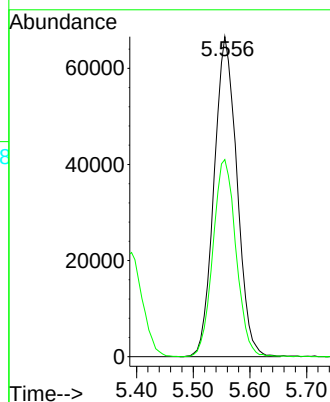
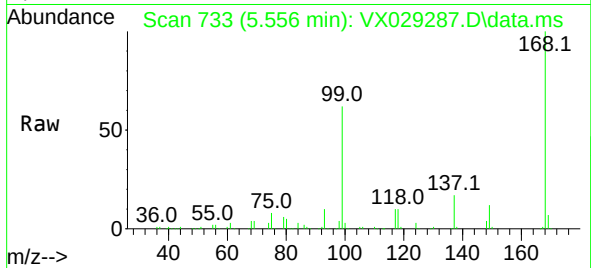
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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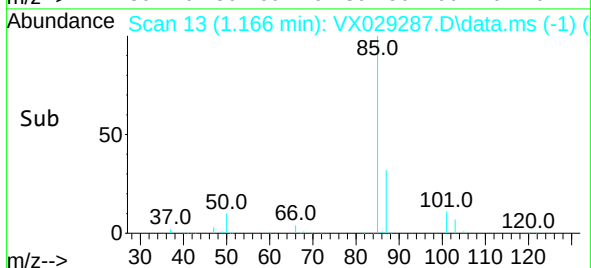
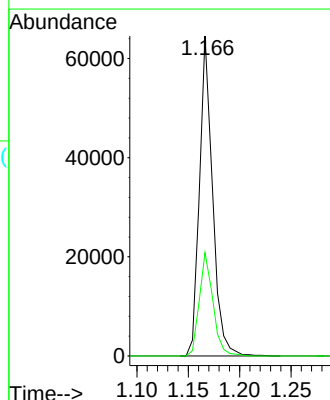
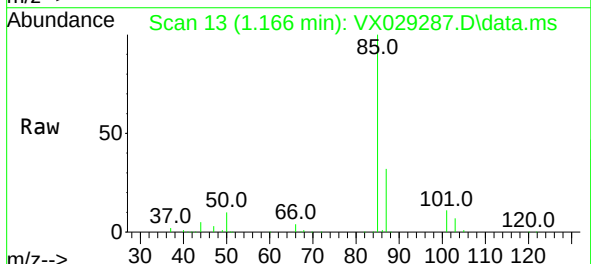
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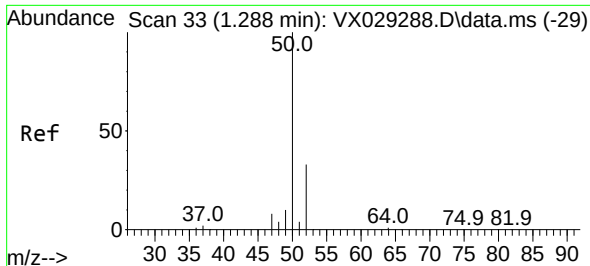
Tgt Ion:168 Resp: 186695
Ion Ratio Lower Upper
168 100
99 61.6 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 30.930 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX029287.D
Acq: 07 Jun 2022 20:05

Tgt Ion: 85 Resp: 57455
Ion Ratio Lower Upper
85 100
87 32.3 16.2 48.6

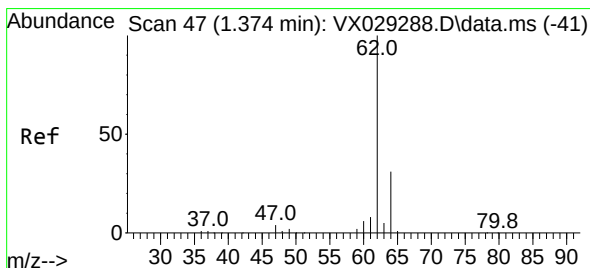
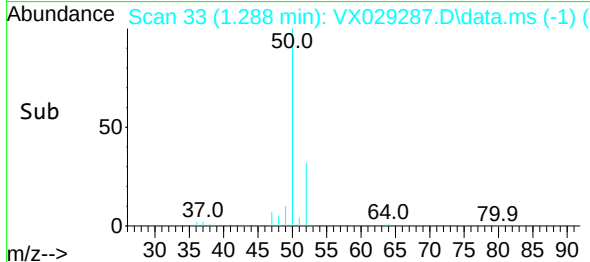
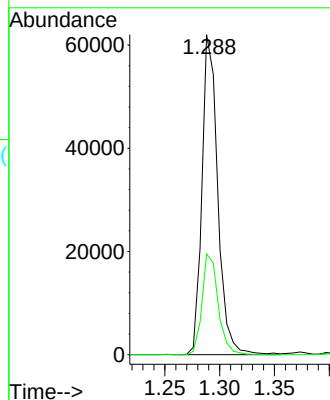
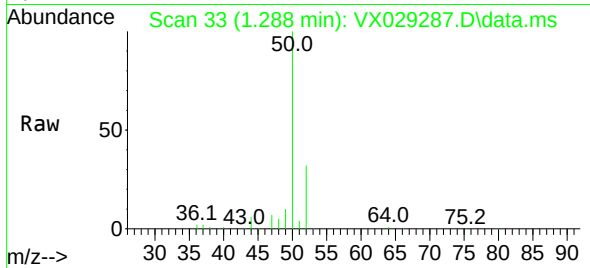




#3
Chloromethane
Concen: 31.995 ug/l
RT: 1.288 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX029287.D
Acq: 07 Jun 2022 20:05

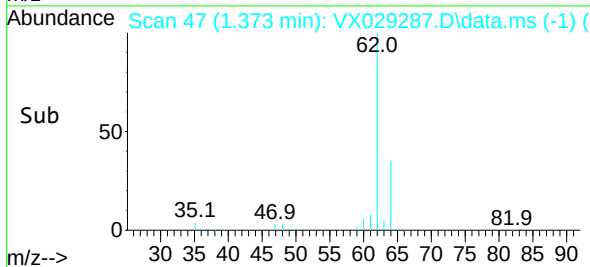
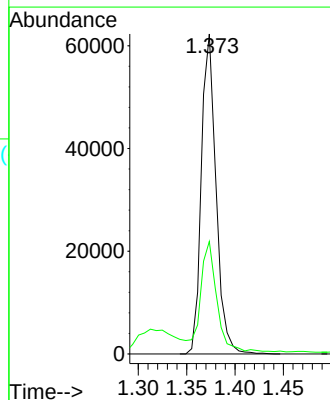
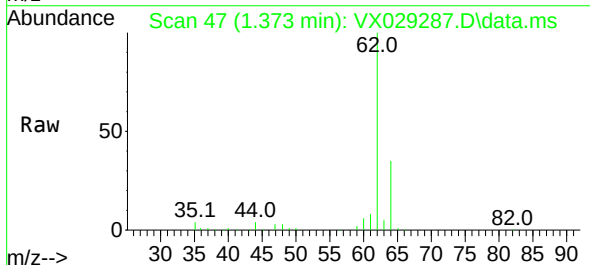
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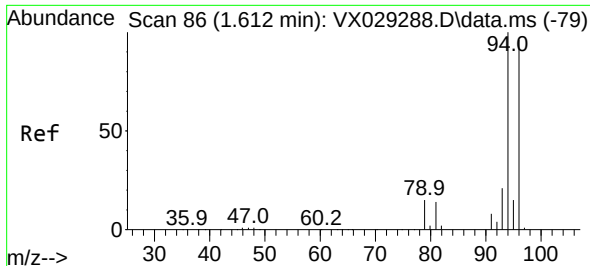
Tgt Ion: 50 Resp: 62177
Ion Ratio Lower Upper
50 100
52 31.5 26.4 39.6



#4
Vinyl Chloride
Concen: 31.198 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX029287.D
Acq: 07 Jun 2022 20:05

Tgt Ion: 62 Resp: 66126
Ion Ratio Lower Upper
62 100
64 34.2 25.5 38.3

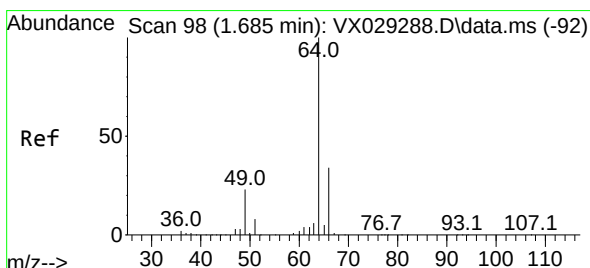
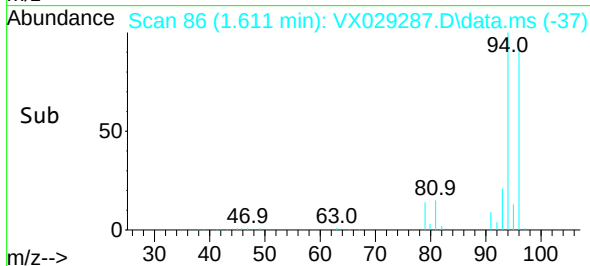
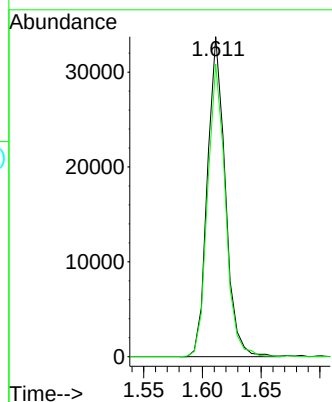
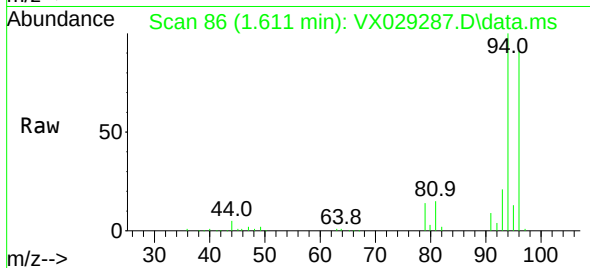




#5
Bromomethane
Concen: 31.917 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.000 min
Lab File: VX029287.D
Acq: 07 Jun 2022 20:05

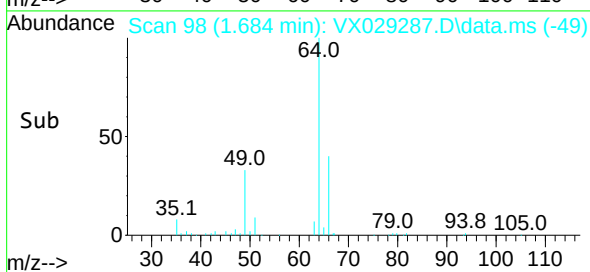
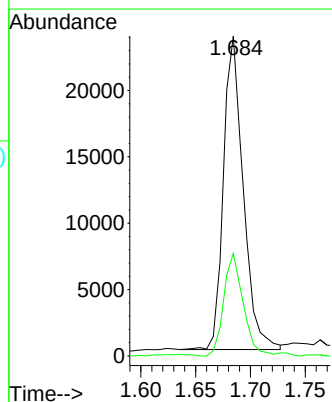
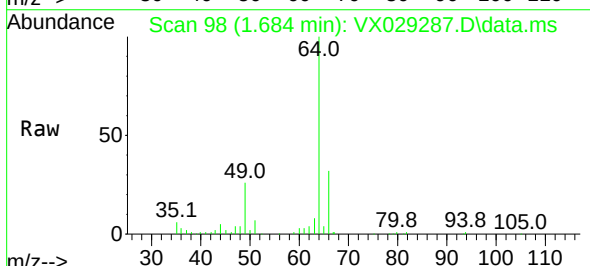
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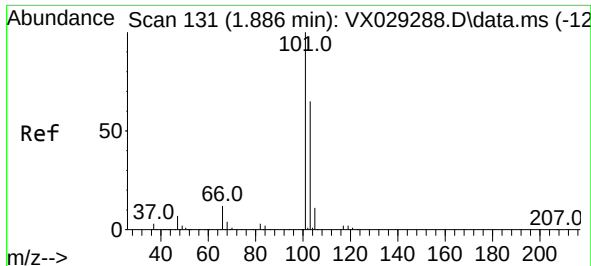
Tgt Ion: 94 Resp: 35555
Ion Ratio Lower Upper
94 100
96 91.4 75.3 112.9



#6
Chloroethane
Concen: 22.951 ug/l
RT: 1.684 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX029287.D
Acq: 07 Jun 2022 20:05

Tgt Ion: 64 Resp: 29677
Ion Ratio Lower Upper
64 100
66 32.3 25.3 37.9

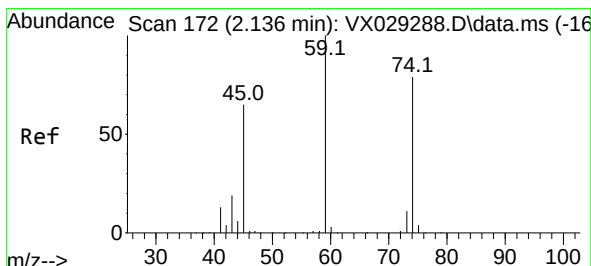
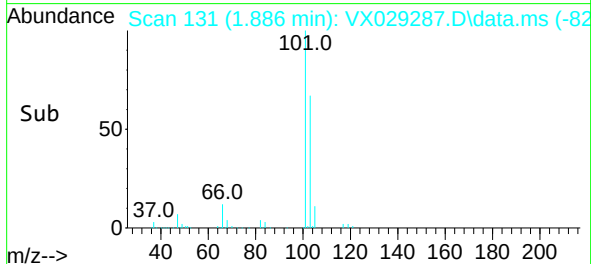
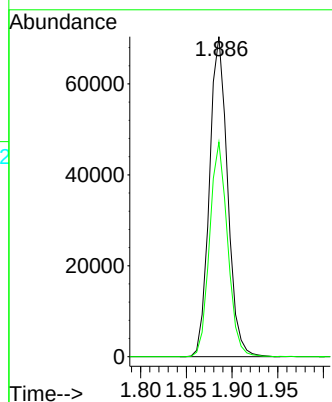
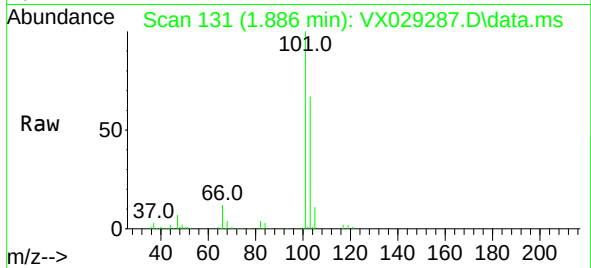




#7
 Trichlorofluoromethane
 Concen: 29.896 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
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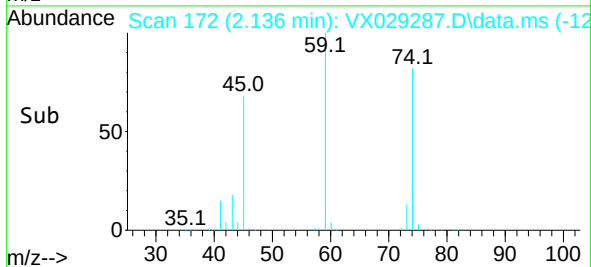
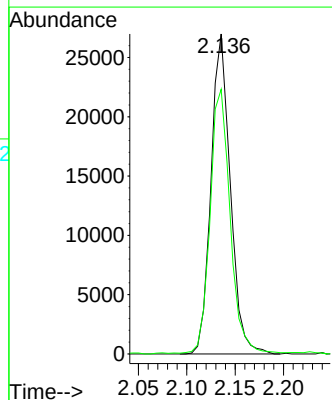
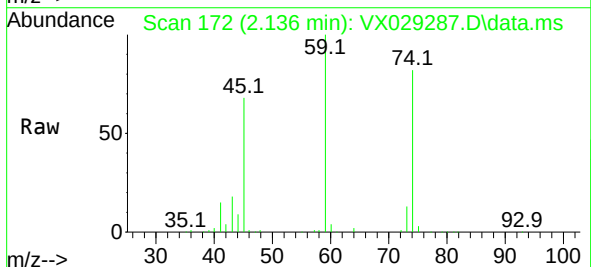
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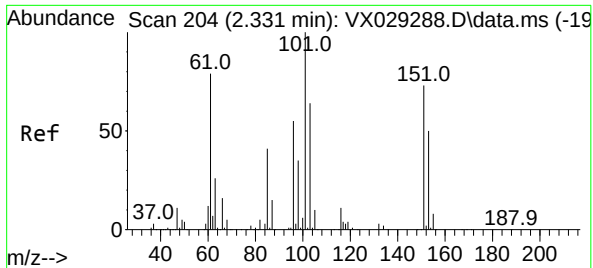
Tgt Ion:101 Resp: 97028
 Ion Ratio Lower Upper
 101 100
 103 67.0 50.5 75.7



#8
 Diethyl Ether
 Concen: 30.192 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX029287.D
 Acq: 07 Jun 2022 20:05

Tgt Ion: 74 Resp: 37464
 Ion Ratio Lower Upper
 74 100
 45 85.3 42.0 126.0

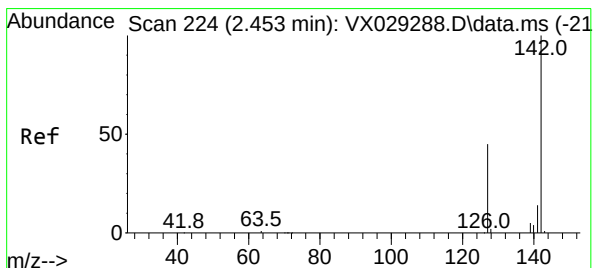
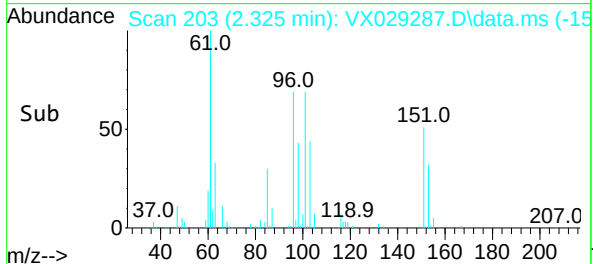
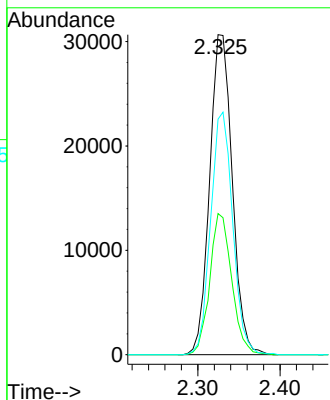
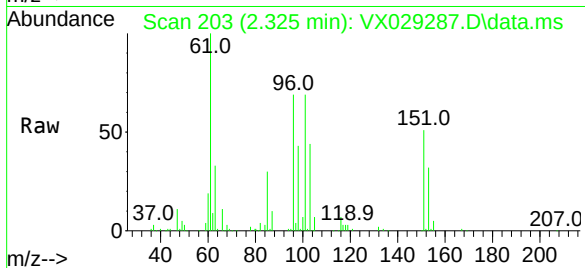




#9
1,1,2-Trichlorotrifluoroethane
Concen: 30.464 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
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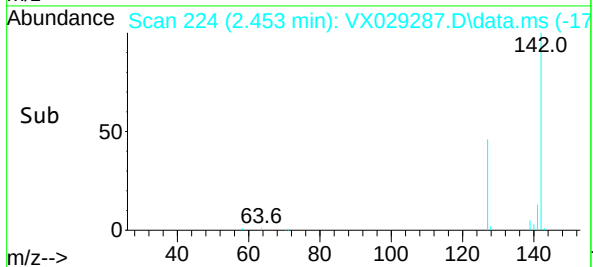
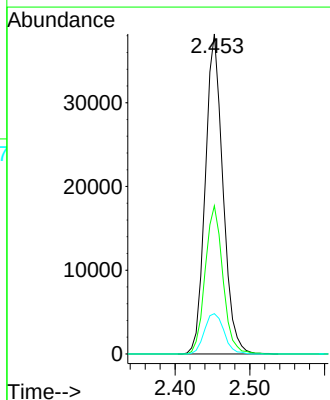
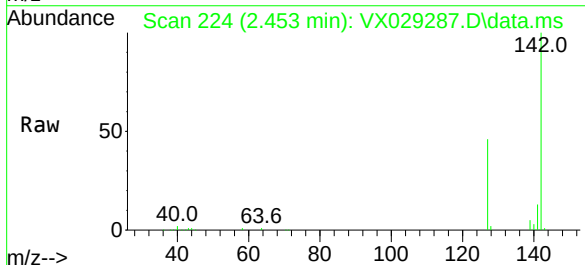
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ClientSampleId :
VSTDIC020

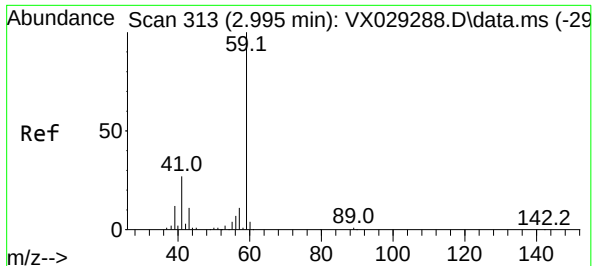
Tgt Ion:101 Resp: 58714
Ion Ratio Lower Upper
101 100
85 42.8 33.5 50.3
151 74.1 61.8 92.6



#10
Methyl Iodide
Concen: 28.512 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX029287.D
Acq: 07 Jun 2022 20:05

Tgt Ion:142 Resp: 62557
Ion Ratio Lower Upper
142 100
127 46.5 33.9 50.9
141 14.1 11.4 17.2

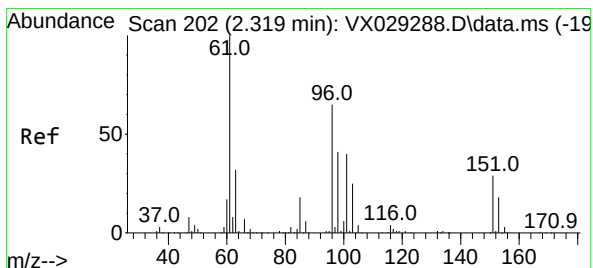
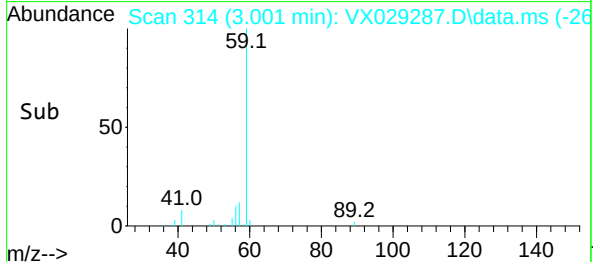
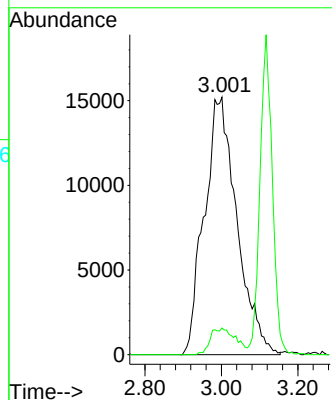
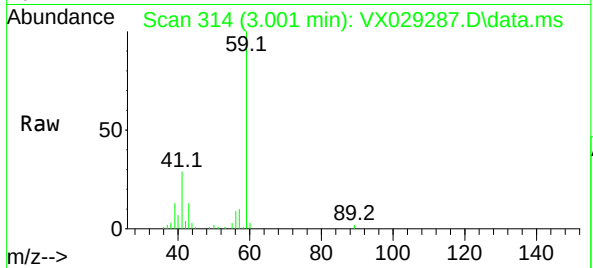




#11
Tert butyl alcohol
Concen: 160.625 ug/l
RT: 3.001 min Scan# 313
Delta R.T. 0.006 min
Lab File: VX029287.D
Acq: 07 Jun 2022 20:05

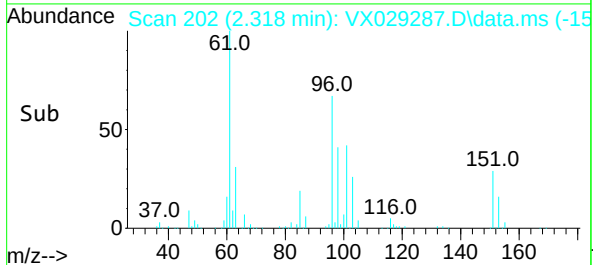
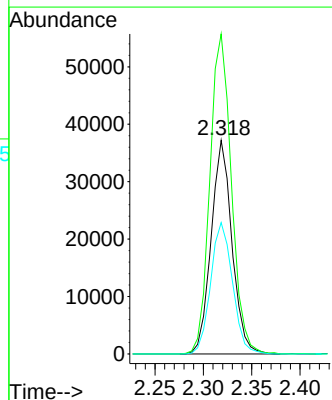
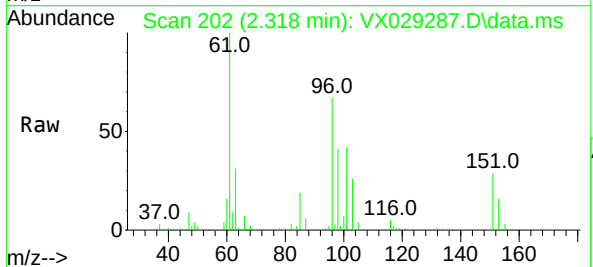
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

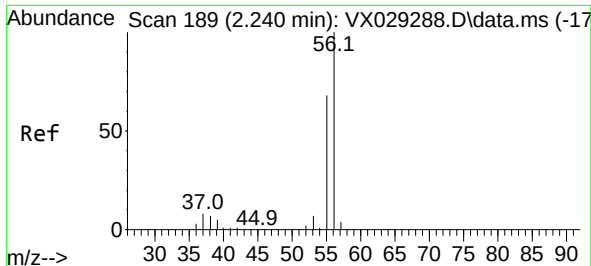
Tgt Ion: 59 Resp: 90032
Ion Ratio Lower Upper
59 100
57 3.2 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 29.534 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX029287.D
Acq: 07 Jun 2022 20:05

Tgt Ion: 96 Resp: 55841
Ion Ratio Lower Upper
96 100
61 149.8 124.6 187.0
98 61.5 51.0 76.4

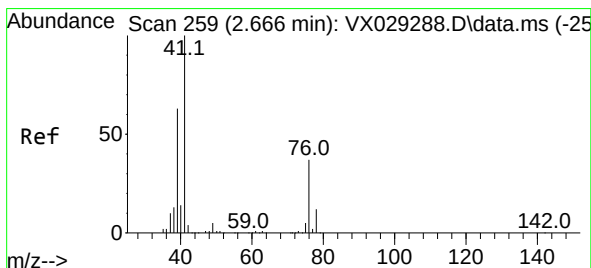
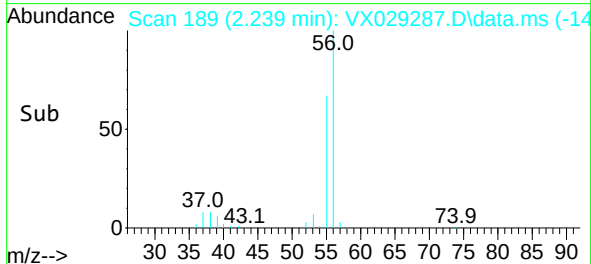
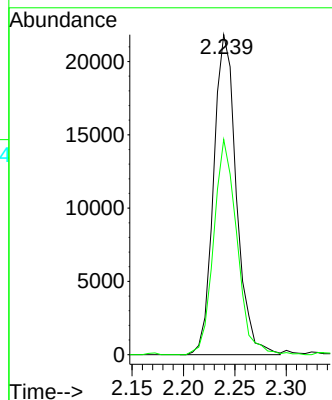
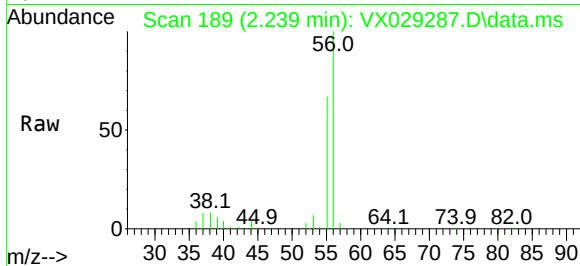




#13
Acrolein
Concen: 138.413 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029287.D
Acq: 07 Jun 2022 20:05

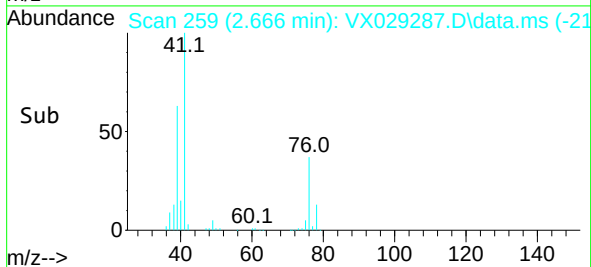
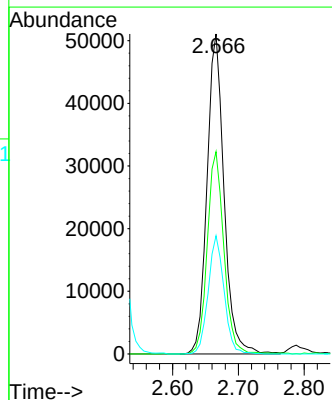
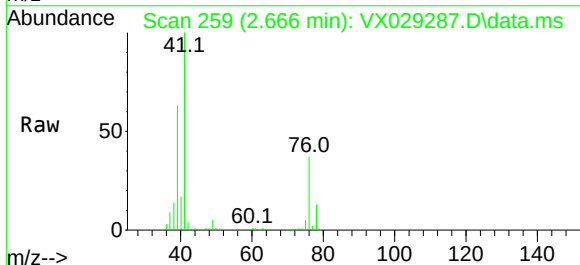
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

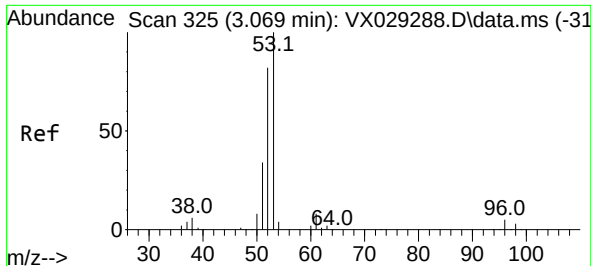
Tgt Ion: 56 Resp: 33666
Ion Ratio Lower Upper
56 100
55 68.6 55.0 82.6



#14
Allyl chloride
Concen: 31.826 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX029287.D
Acq: 07 Jun 2022 20:05

Tgt Ion: 41 Resp: 91853
Ion Ratio Lower Upper
41 100
39 61.7 50.4 75.6
76 34.5 32.7 49.1





#15

Acrylonitrile

Concen: 158.455 ug/l

RT: 3.068 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX029287.D

Acq: 07 Jun 2022 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

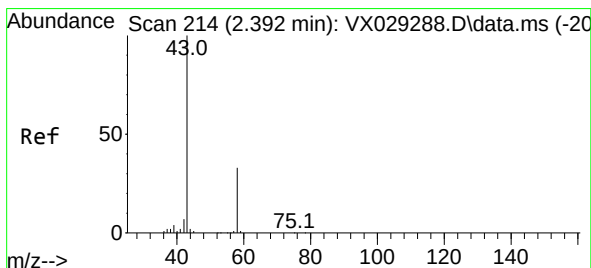
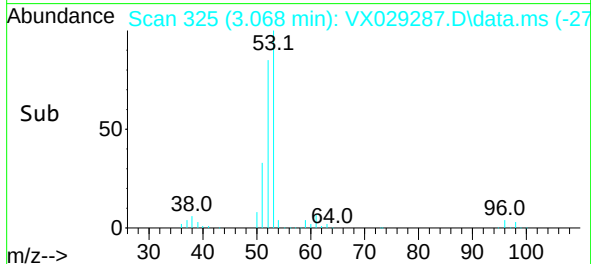
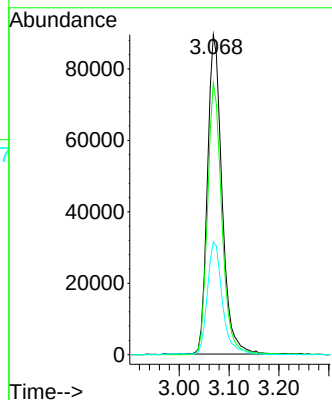
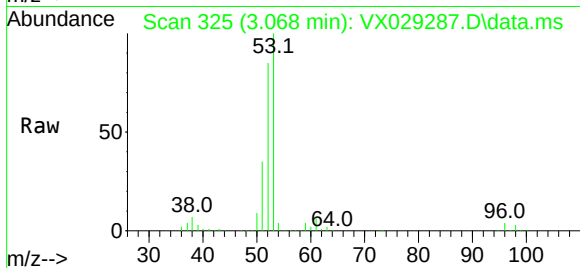
Tgt Ion: 53 Resp: 181336

Ion Ratio Lower Upper

53 100

52 83.6 65.7 98.5

51 36.3 28.4 42.6



#16

Acetone

Concen: 161.893 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX029287.D

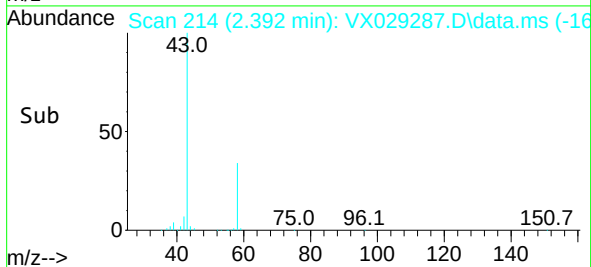
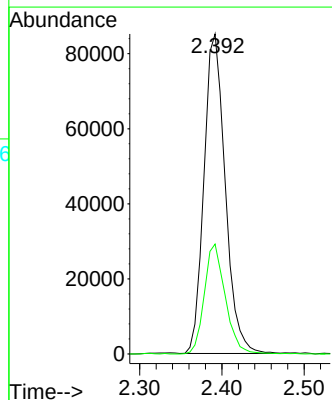
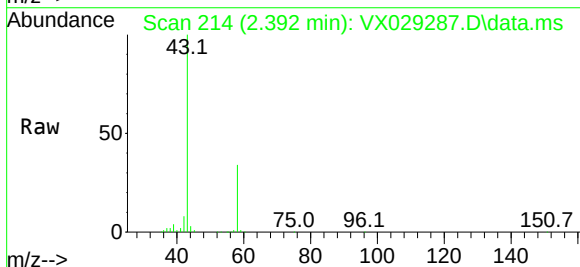
Acq: 07 Jun 2022 20:05

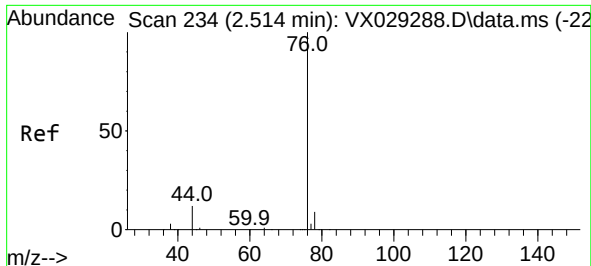
Tgt Ion: 43 Resp: 153102

Ion Ratio Lower Upper

43 100

58 34.4 28.8 43.2





#17

Carbon Disulfide

Concen: 26.096 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX029287.D

Acq: 07 Jun 2022 20:05

Instrument :

MSVOA_X

ClientSampleId :

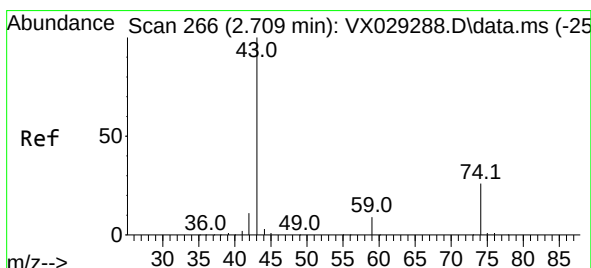
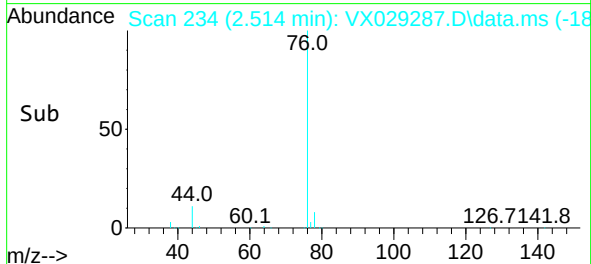
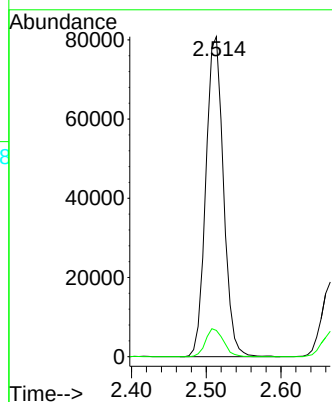
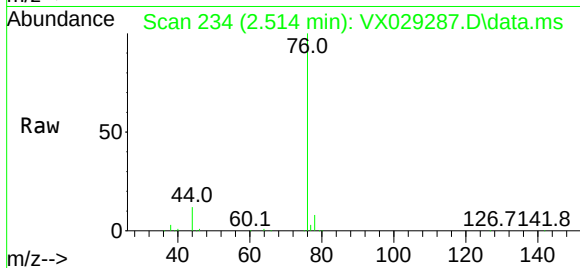
VSTDIC020

Tgt Ion: 76 Resp: 132070

Ion Ratio Lower Upper

76 100

78 8.2 7.2 10.8



#18

Methyl Acetate

Concen: 32.952 ug/l

RT: 2.709 min Scan# 266

Delta R.T. -0.000 min

Lab File: VX029287.D

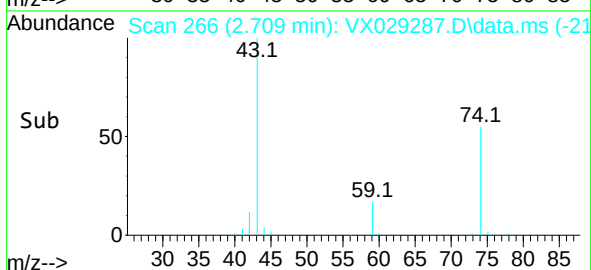
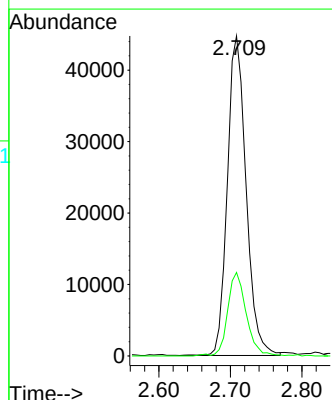
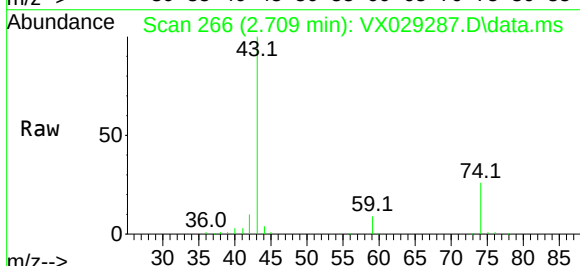
Acq: 07 Jun 2022 20:05

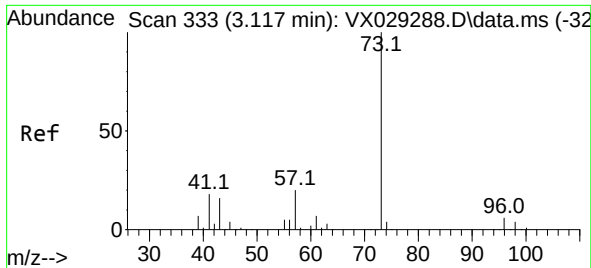
Tgt Ion: 43 Resp: 81384

Ion Ratio Lower Upper

43 100

74 25.9 22.8 34.2

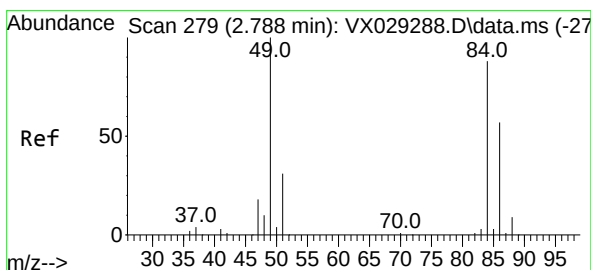
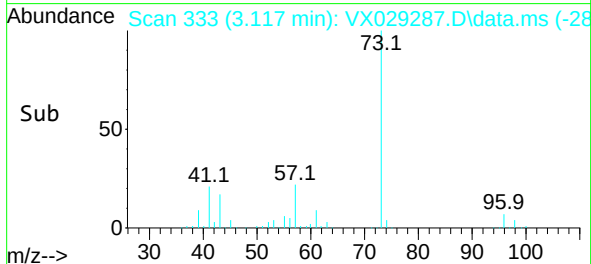
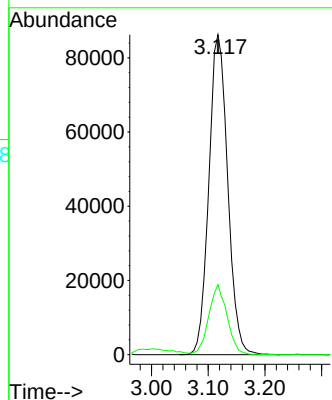
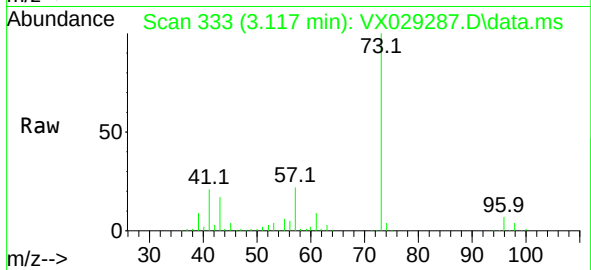




#19
Methyl tert-butyl Ether
Concen: 30.945 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX029287.D
Acq: 07 Jun 2022 20:05

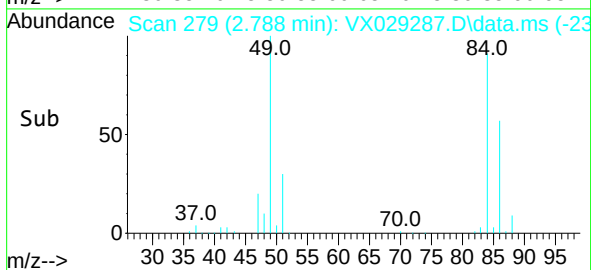
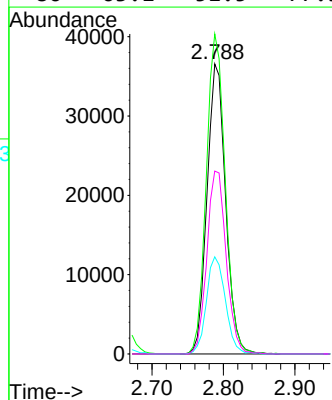
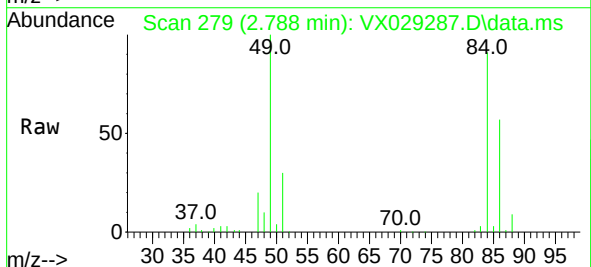
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

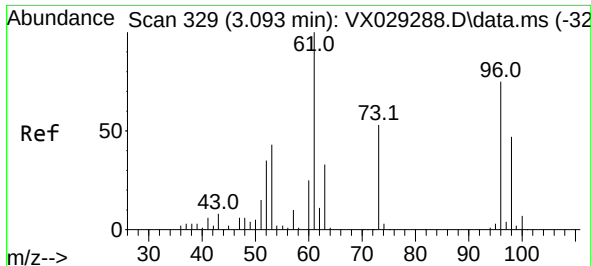
Tgt Ion: 73 Resp: 198989
Ion Ratio Lower Upper
73 100
57 21.9 16.8 25.2



#20
Methylene Chloride
Concen: 30.428 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX029287.D
Acq: 07 Jun 2022 20:05

Tgt Ion: 84 Resp: 66076
Ion Ratio Lower Upper
84 100
49 110.3 85.5 128.3
51 33.5 26.6 39.8
86 63.1 51.5 77.3

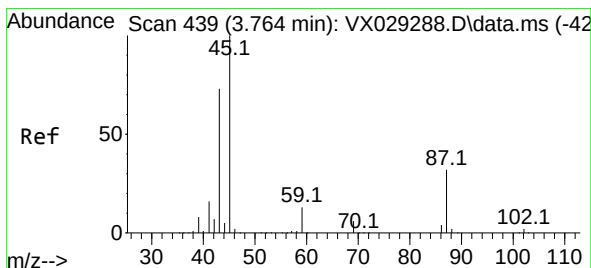
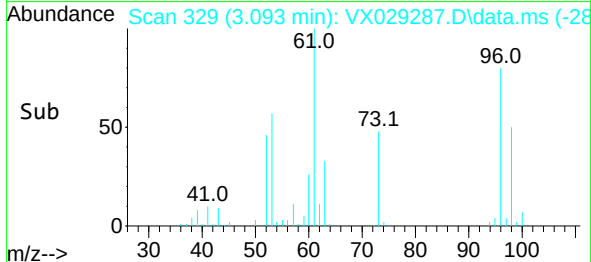
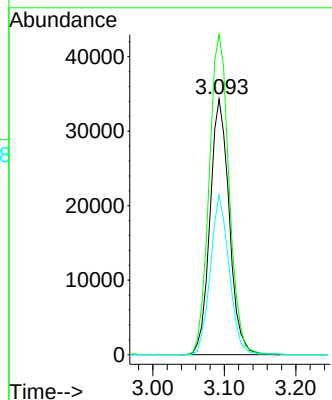
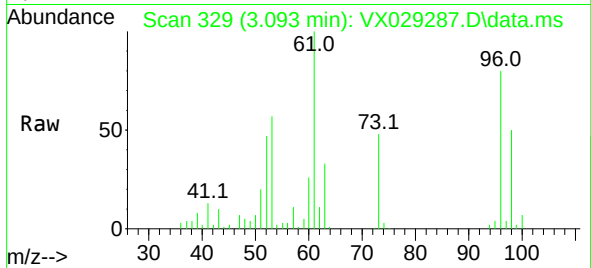




#21
trans-1,2-Dichloroethene
Concen: 30.249 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX029287.D
Acq: 07 Jun 2022 20:05

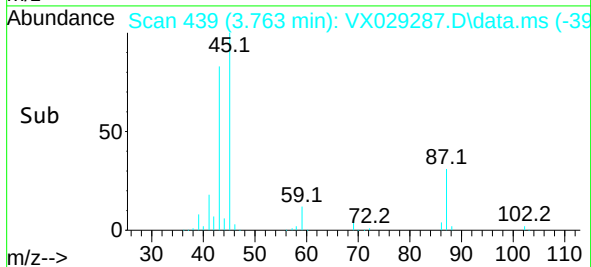
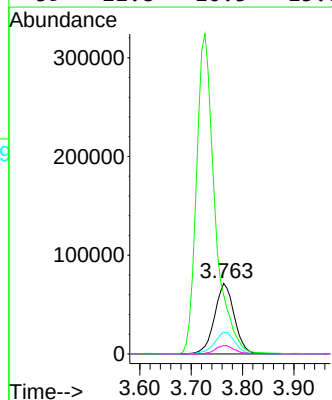
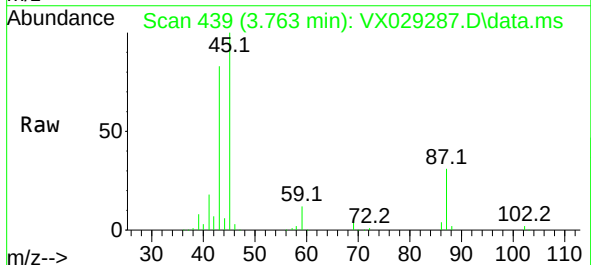
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

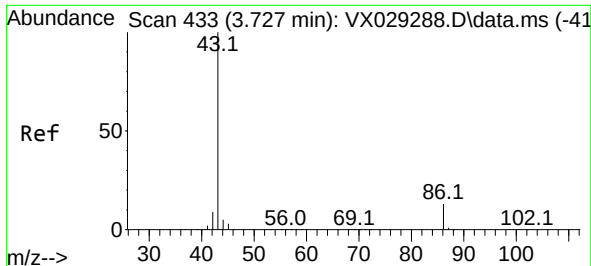
Tgt Ion: 96 Resp: 64117
Ion Ratio Lower Upper
96 100
61 125.2 105.4 158.2
98 62.5 50.0 75.0



#22
Diisopropyl ether
Concen: 32.880 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX029287.D
Acq: 07 Jun 2022 20:05

Tgt Ion: 45 Resp: 191203
Ion Ratio Lower Upper
45 100
43 82.8 50.8 76.2#
87 30.7 26.6 39.8
59 11.8 10.5 15.7

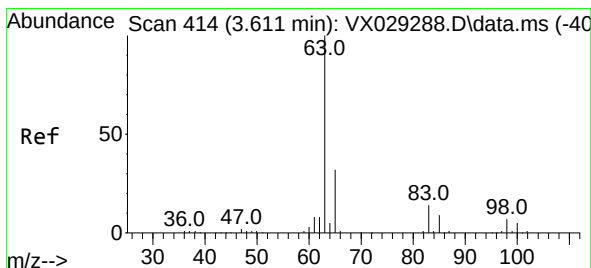
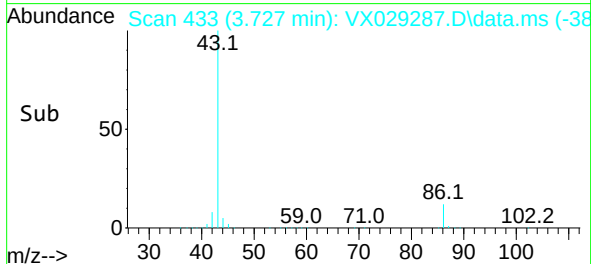
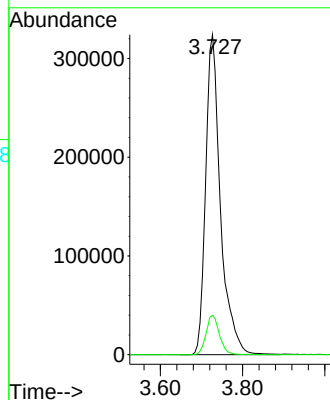
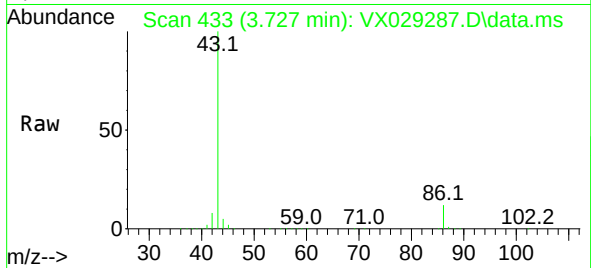




#23
 Vinyl Acetate
 Concen: 166.023 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX029287.D
 Acq: 07 Jun 2022 20:05

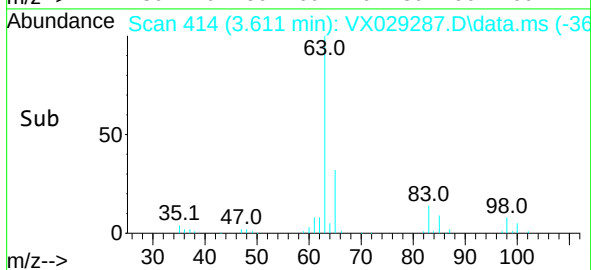
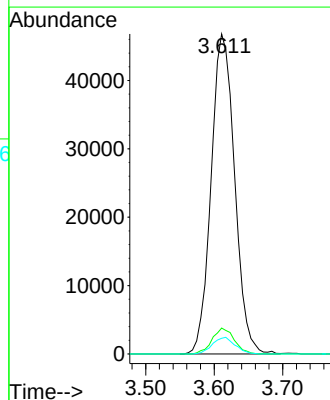
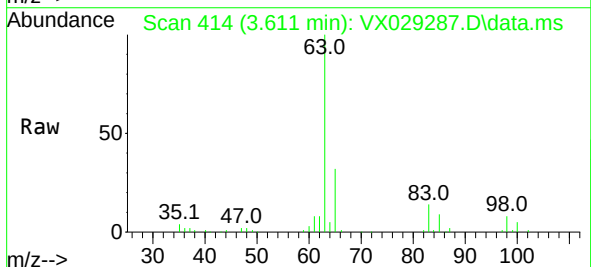
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

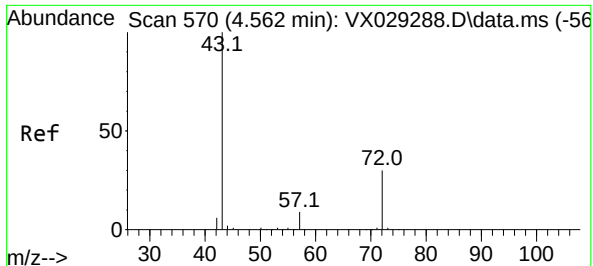
Tgt Ion: 43 Resp: 810350
 Ion Ratio Lower Upper
 43 100
 86 12.3 10.8 16.2



#24
 1,1-Dichloroethane
 Concen: 31.326 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX029287.D
 Acq: 07 Jun 2022 20:05

Tgt Ion: 63 Resp: 111491
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.9 11.7
 100 4.9 2.4 7.2

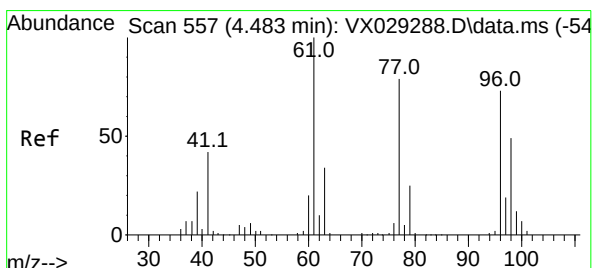
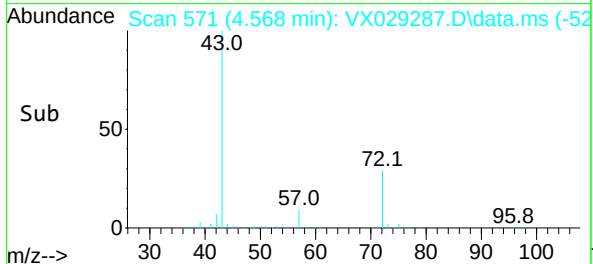
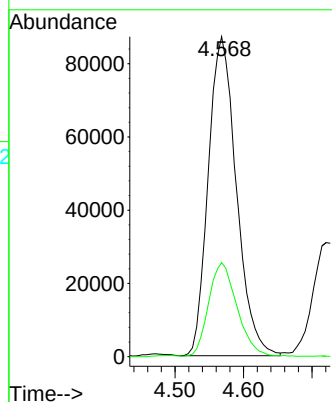
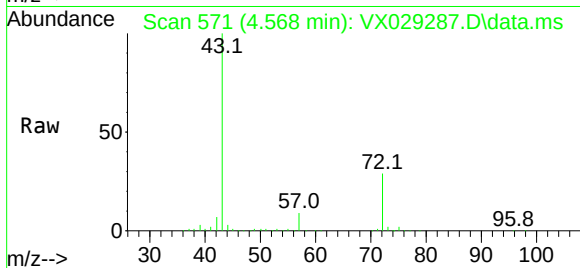




#25
2-Butanone
Concen: 161.680 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX029287.D
Acq: 07 Jun 2022 20:05

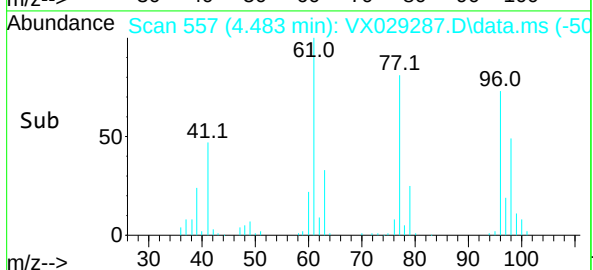
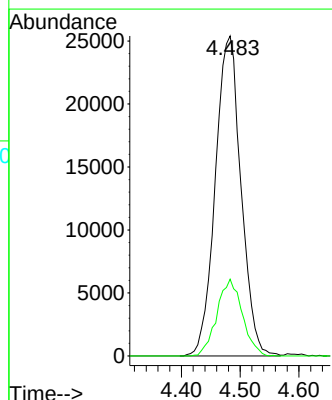
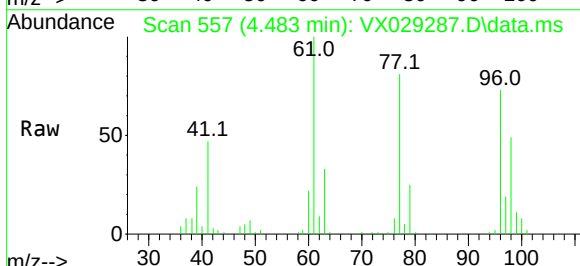
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

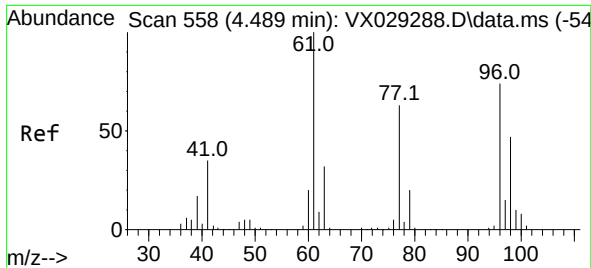
Tgt Ion: 43 Resp: 248094
Ion Ratio Lower Upper
43 100
72 29.2 24.4 36.6



#26
2,2-Dichloropropane
Concen: 27.438 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX029287.D
Acq: 07 Jun 2022 20:05

Tgt Ion: 77 Resp: 77193
Ion Ratio Lower Upper
77 100
97 23.7 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 29.486 ug/l

RT: 4.495 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX029287.D

Acq: 07 Jun 2022 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

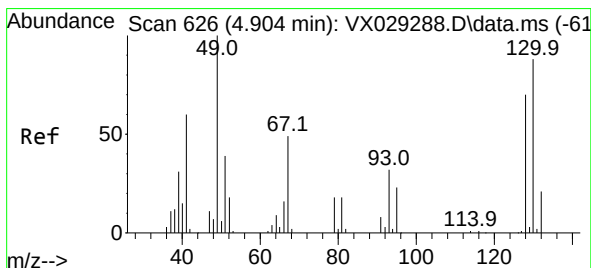
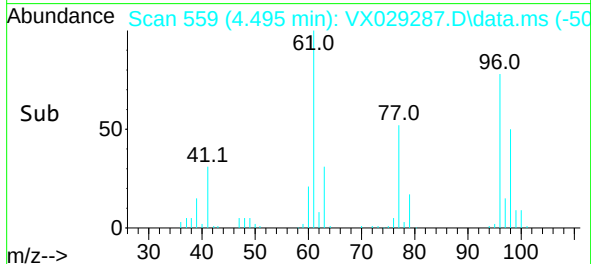
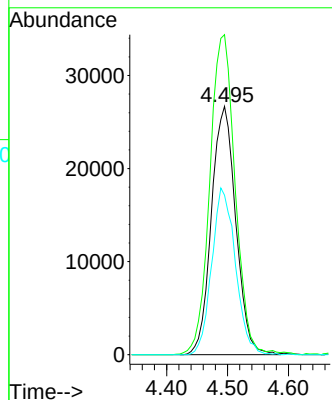
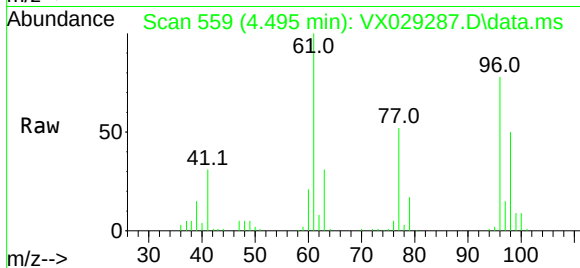
Tgt Ion: 96 Resp: 74262

Ion Ratio Lower Upper

96 100

61 134.0 0.0 283.8

98 65.2 0.0 129.8



#28

Bromochloromethane

Concen: 29.048 ug/l

RT: 4.903 min Scan# 626

Delta R.T. -0.000 min

Lab File: VX029287.D

Acq: 07 Jun 2022 20:05

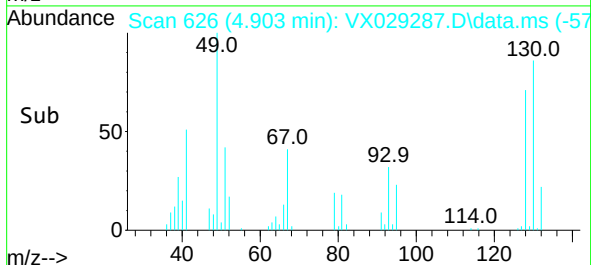
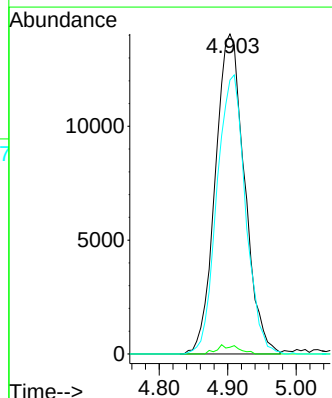
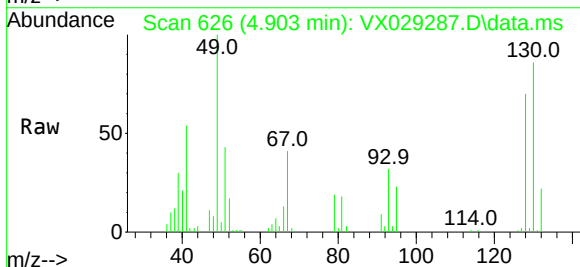
Tgt Ion: 49 Resp: 41607

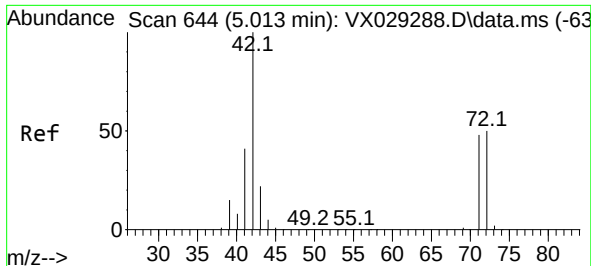
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.4

130 85.2 70.7 106.1





#29

Tetrahydrofuran

Concen: 164.888 ug/l

RT: 5.013 min Scan# 644

Delta R.T. -0.000 min

Lab File: VX029287.D

Acq: 07 Jun 2022 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

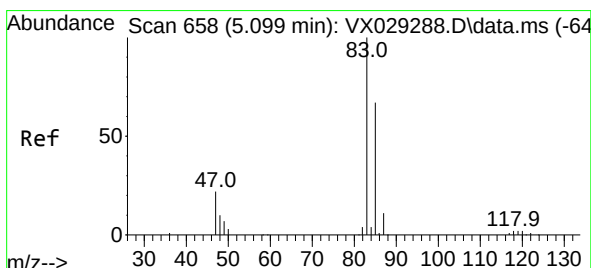
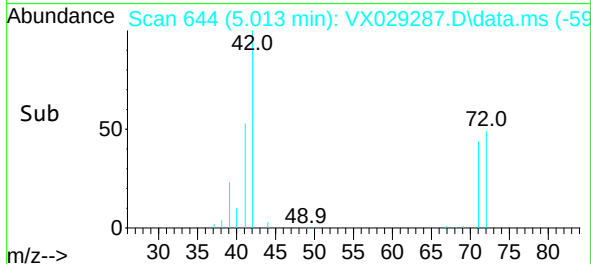
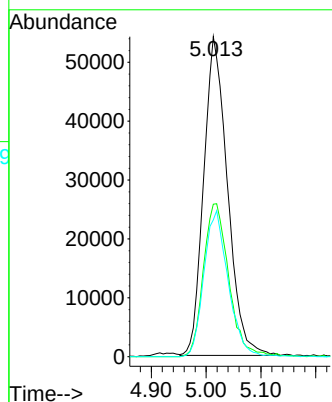
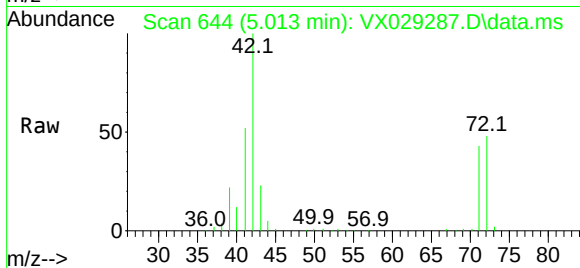
Tgt Ion: 42 Resp: 163175

Ion Ratio Lower Upper

42 100

72 51.2 44.1 66.1

71 46.7 40.5 60.7



#30

Chloroform

Concen: 30.970 ug/l

RT: 5.098 min Scan# 658

Delta R.T. -0.000 min

Lab File: VX029287.D

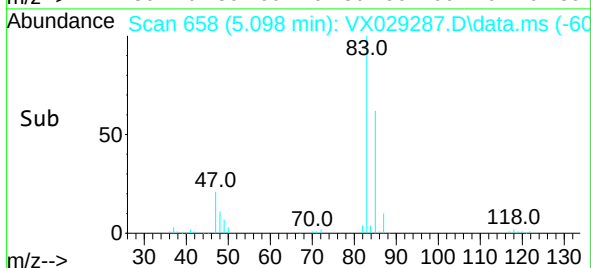
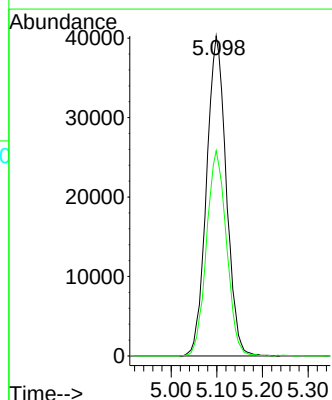
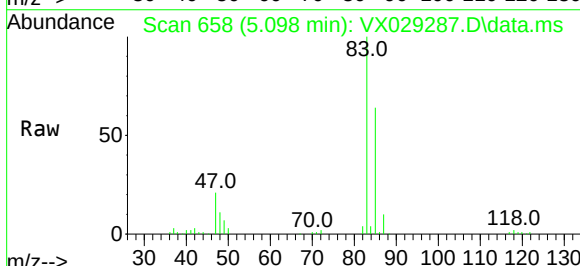
Acq: 07 Jun 2022 20:05

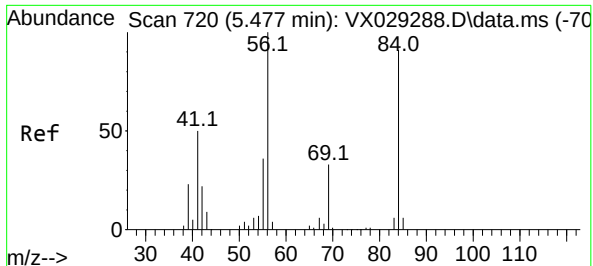
Tgt Ion: 83 Resp: 120703

Ion Ratio Lower Upper

83 100

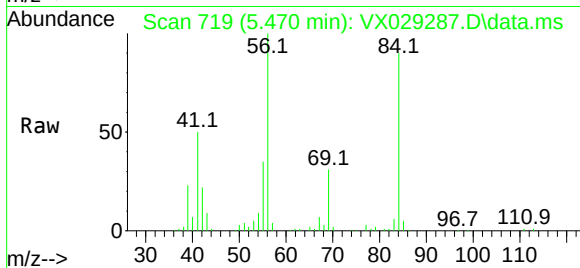
85 64.1 52.7 79.1



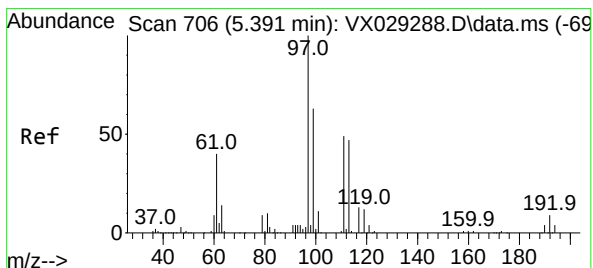
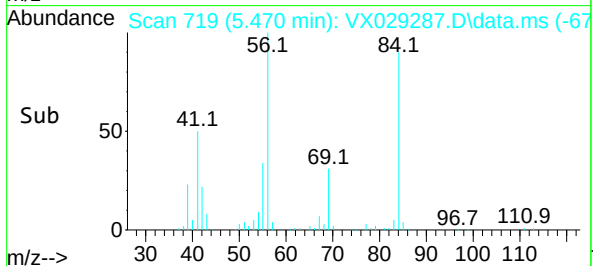
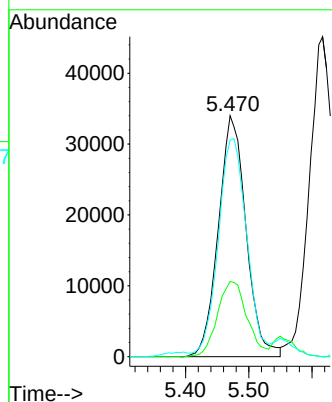


#31
Cyclohexane
Concen: 31.971 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX029287.D
Acq: 07 Jun 2022 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

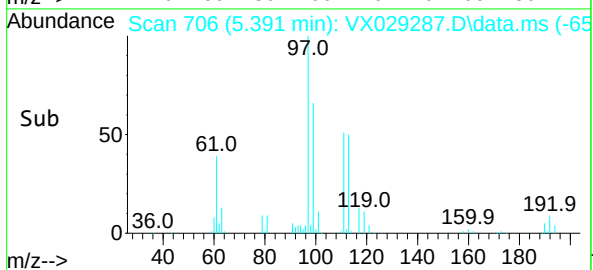
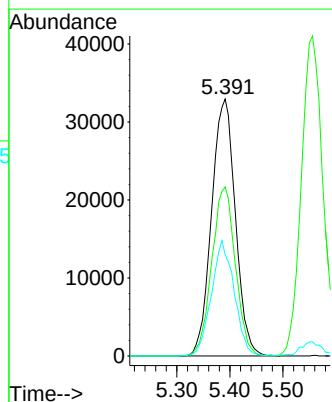
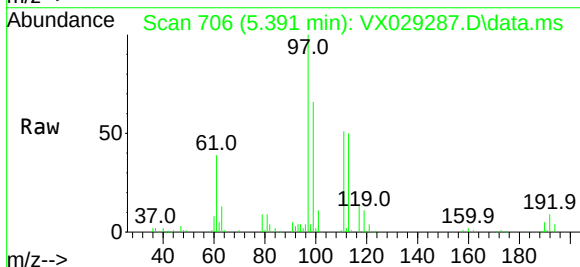


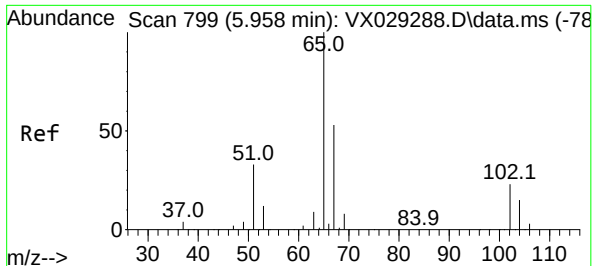
Tgt Ion: 56 Resp: 103191
Ion Ratio Lower Upper
56 100
69 31.2 26.7 40.1
84 88.2 77.2 115.8



#32
1,1,1-Trichloroethane
Concen: 29.309 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX029287.D
Acq: 07 Jun 2022 20:05

Tgt Ion: 97 Resp: 102582
Ion Ratio Lower Upper
97 100
99 65.1 51.8 77.6
61 43.0 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 26.063 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX029287.D

Acq: 07 Jun 2022 20:05

Instrument :

MSVOA_X

ClientSampleId :

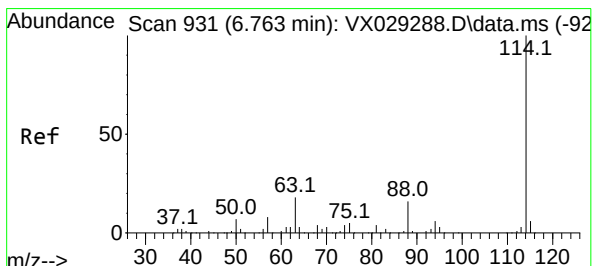
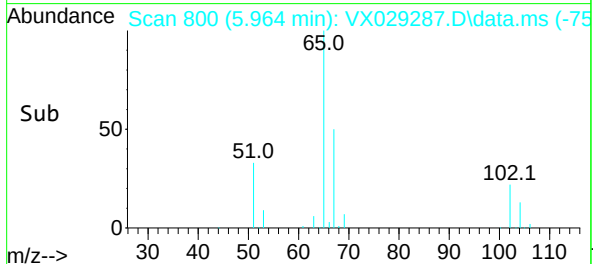
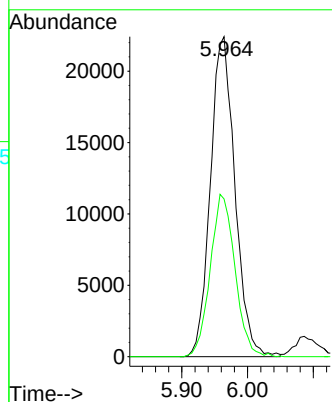
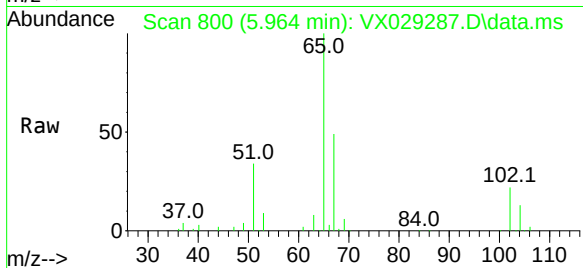
VSTDIC020

Tgt Ion: 65 Resp: 58280

Ion Ratio Lower Upper

65 100

67 51.1 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX029287.D

Acq: 07 Jun 2022 20:05

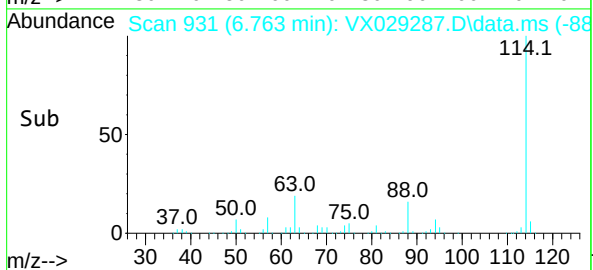
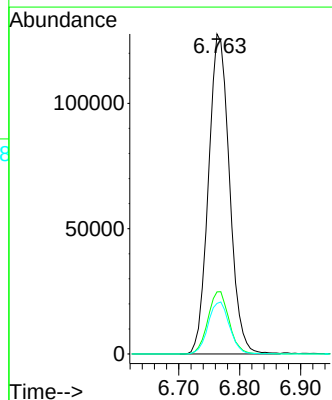
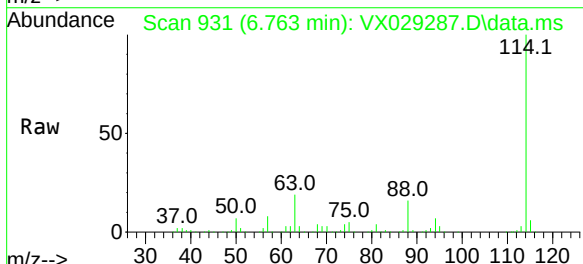
Tgt Ion: 114 Resp: 305843

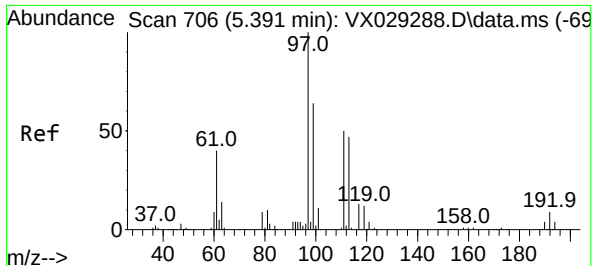
Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.8

88 15.8 0.0 32.4





#35

Dibromofluoromethane

Concen: 22.990 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX029287.D

Acq: 07 Jun 2022 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

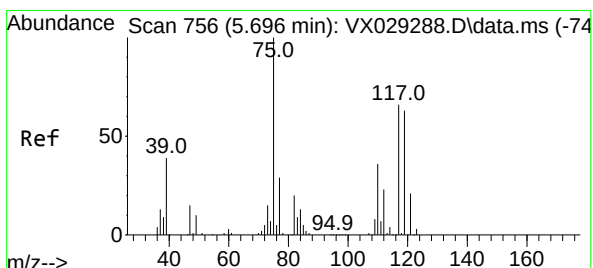
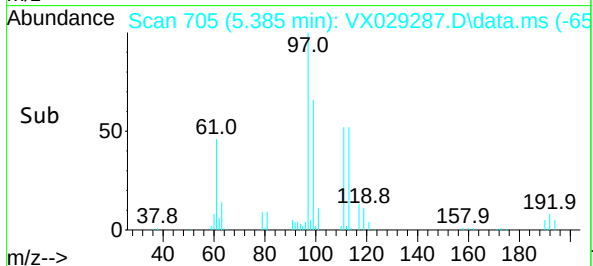
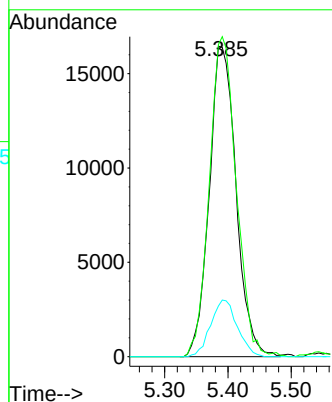
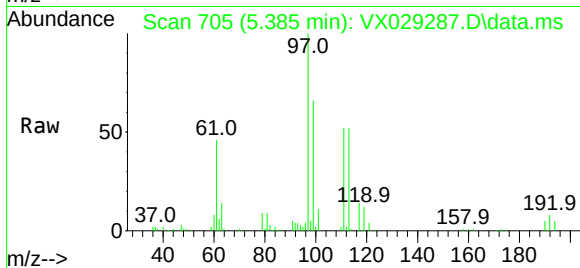
Tgt Ion:113 Resp: 48432

Ion Ratio Lower Upper

113 100

111 103.7 82.8 124.2

192 18.1 16.9 25.3



#36

1,1-Dichloropropene

Concen: 29.722 ug/l

RT: 5.696 min Scan# 756

Delta R.T. -0.000 min

Lab File: VX029287.D

Acq: 07 Jun 2022 20:05

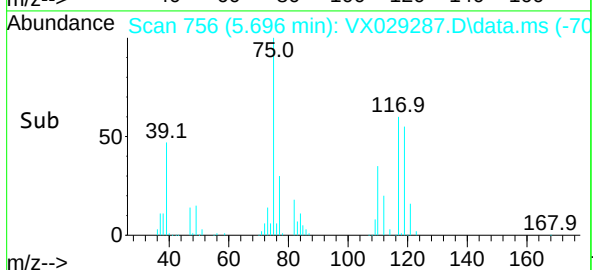
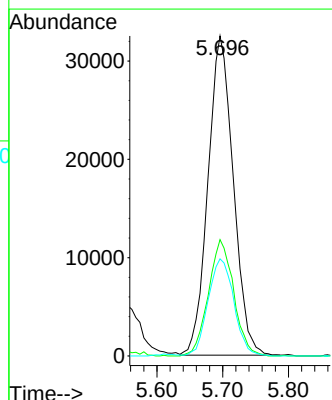
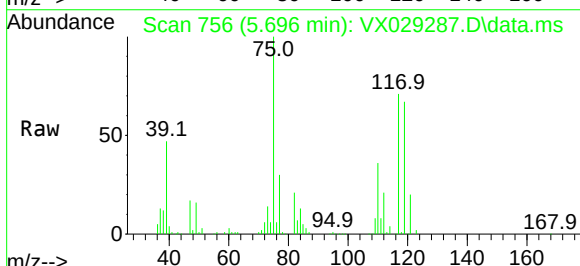
Tgt Ion: 75 Resp: 87066

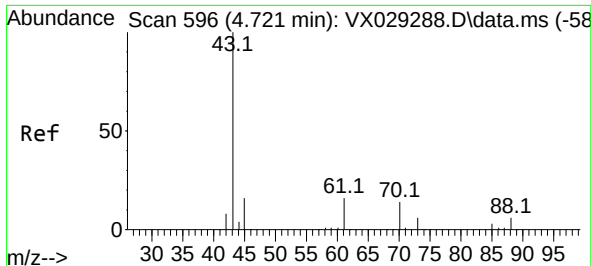
Ion Ratio Lower Upper

75 100

110 36.4 18.3 54.8

77 31.0 24.8 37.2





#37

Ethyl Acetate

Concen: 32.225 ug/l

RT: 4.720 min Scan# 596

Delta R.T. -0.000 min

Lab File: VX029287.D

Acq: 07 Jun 2022 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

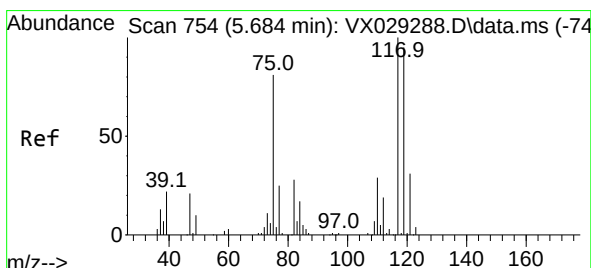
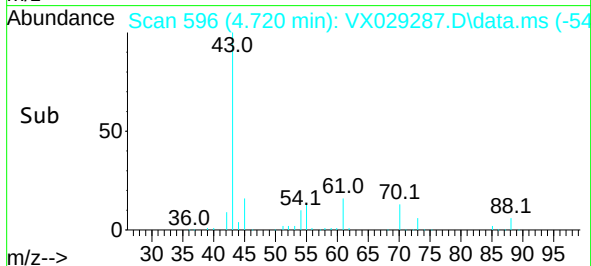
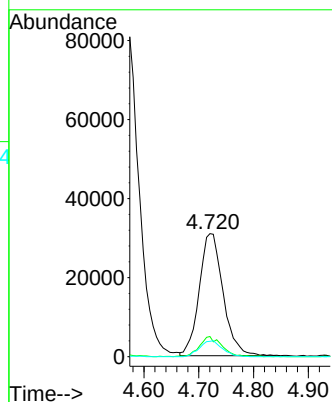
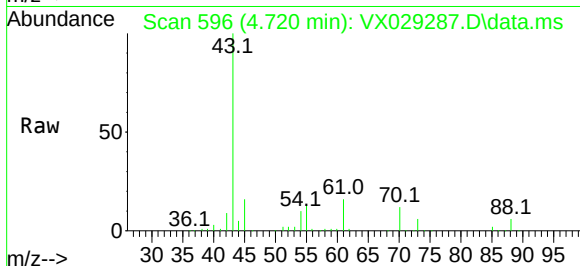
Tgt Ion: 43 Resp: 93257

Ion Ratio Lower Upper

43 100

61 15.5 12.6 19.0

70 12.5 10.2 15.2



#38

Carbon Tetrachloride

Concen: 27.570 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.000 min

Lab File: VX029287.D

Acq: 07 Jun 2022 20:05

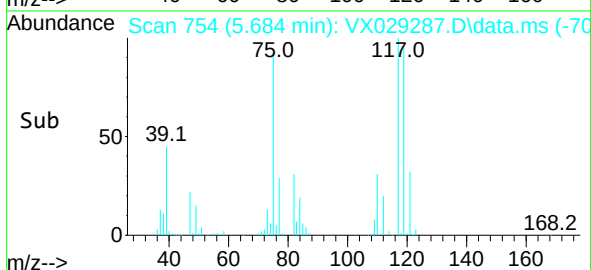
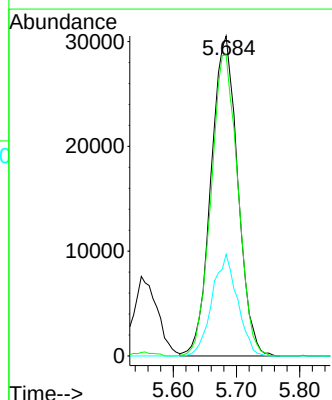
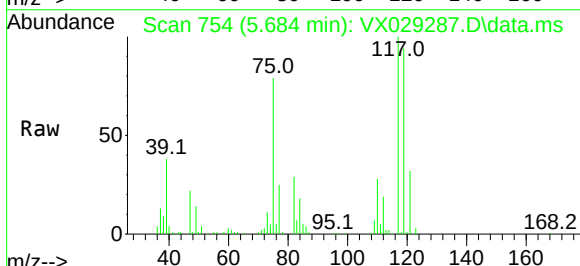
Tgt Ion: 117 Resp: 89500

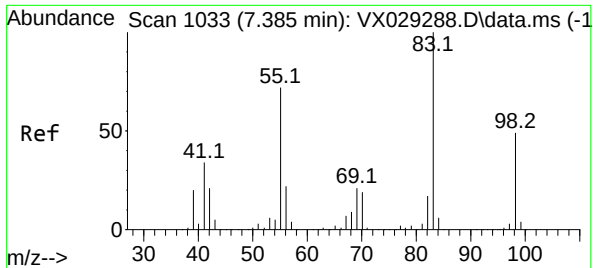
Ion Ratio Lower Upper

117 100

119 94.1 77.3 115.9

121 31.7 24.2 36.2

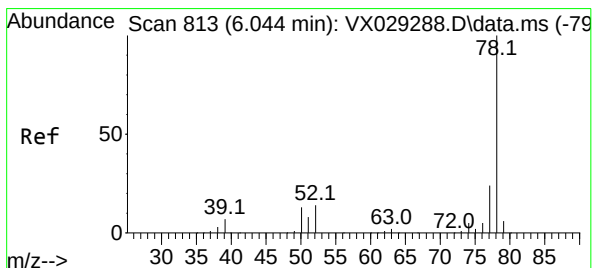
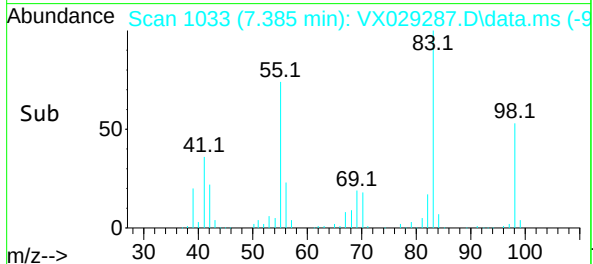
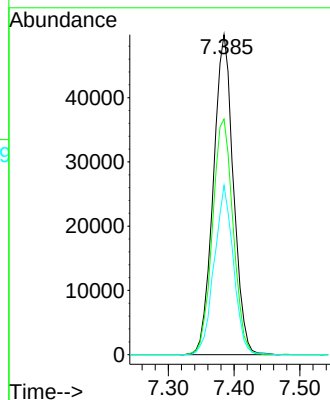
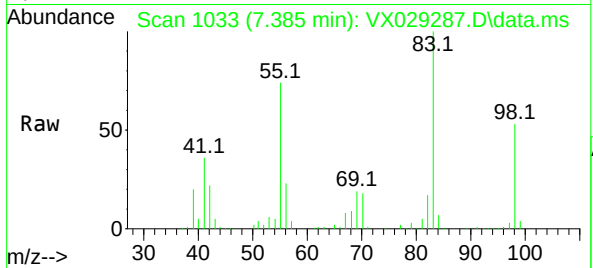




#39
Methylcyclohexane
Concen: 29.301 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX029287.D
Acq: 07 Jun 2022 20:05

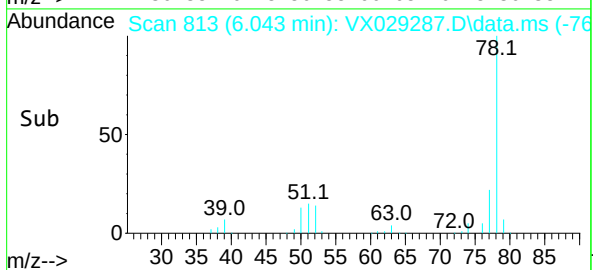
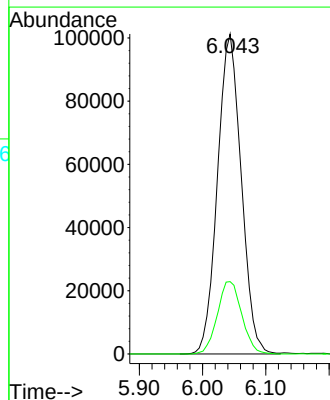
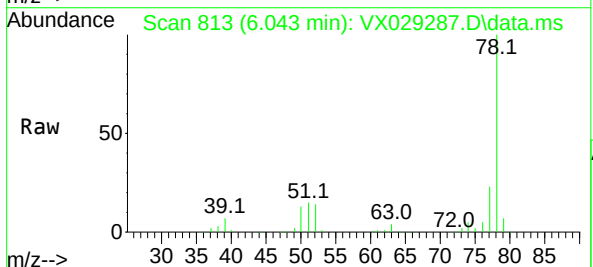
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

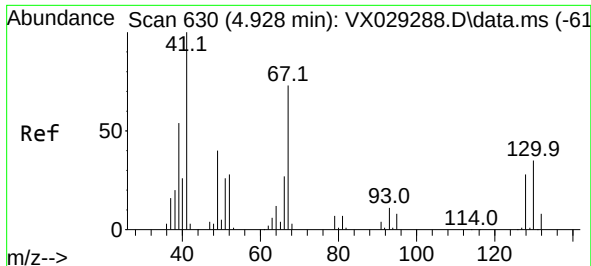
Tgt Ion: 83 Resp: 105860
Ion Ratio Lower Upper
83 100
55 73.6 54.6 81.8
98 52.9 37.4 56.2



#40
Benzene
Concen: 30.440 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX029287.D
Acq: 07 Jun 2022 20:05

Tgt Ion: 78 Resp: 263537
Ion Ratio Lower Upper
78 100
77 22.6 19.3 28.9

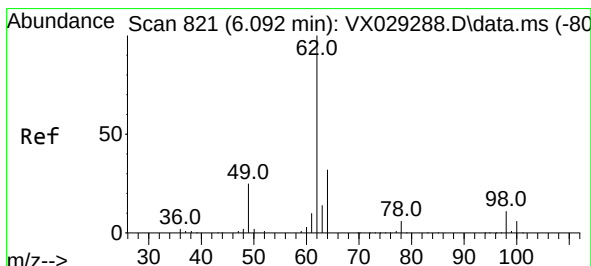
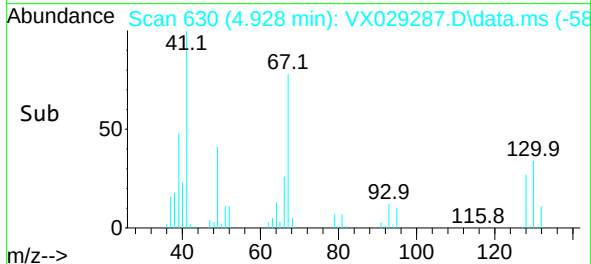
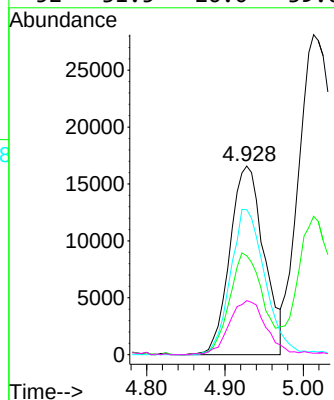
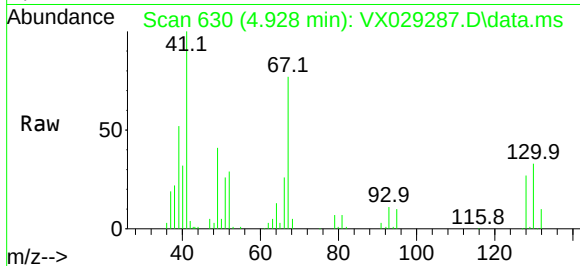




#41
Methacrylonitrile
Concen: 32.283 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX029287.D
Acq: 07 Jun 2022 20:05

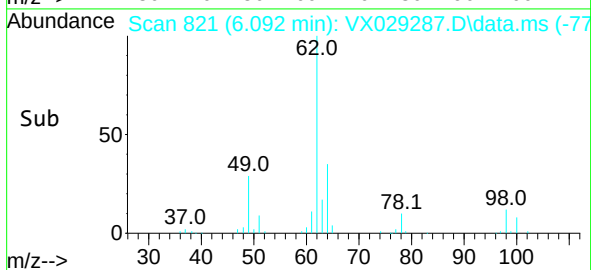
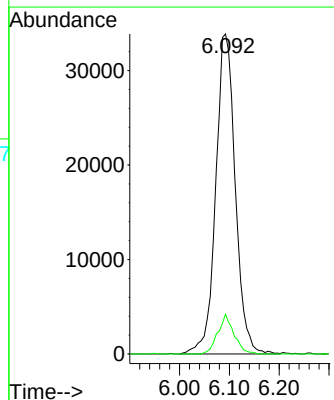
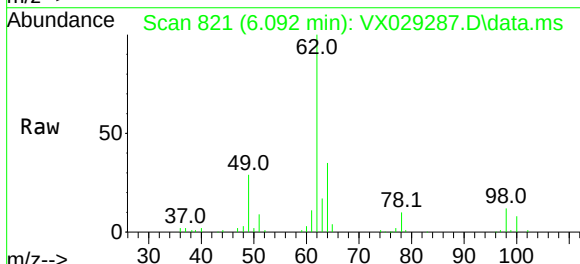
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

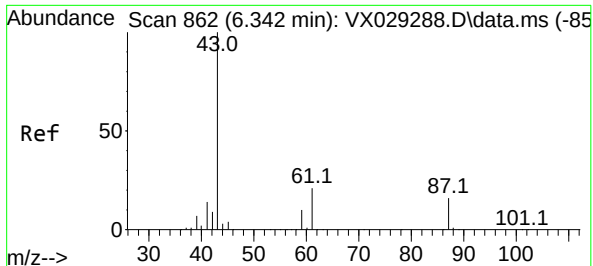
Tgt Ion:	41	Resp:	50258
Ion	Ratio	Lower	Upper
41	100		
39	53.6	43.0	64.4
67	78.4	70.2	105.4
52	31.5	26.0	39.0



#42
1,2-Dichloroethane
Concen: 31.211 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX029287.D
Acq: 07 Jun 2022 20:05

Tgt Ion:	62	Resp:	92308
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.4





#43

Isopropyl Acetate

Concen: 30.090 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.006 min

Lab File: VX029287.D

Acq: 07 Jun 2022 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

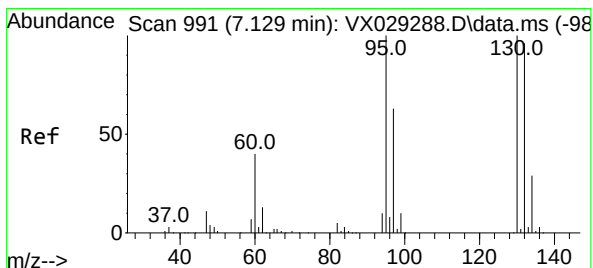
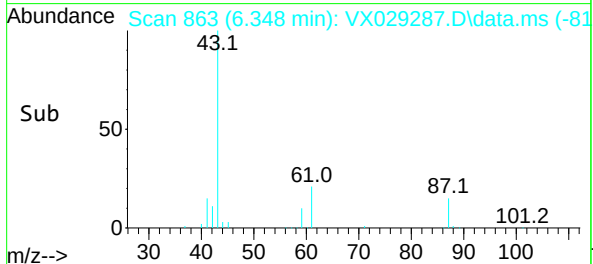
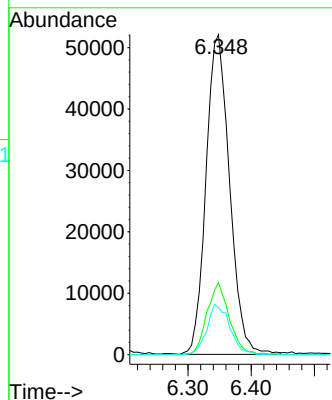
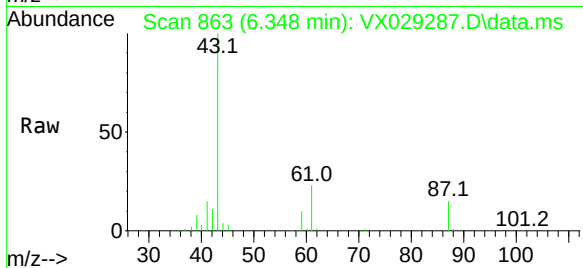
Tgt Ion: 43 Resp: 134618

Ion Ratio Lower Upper

43 100

61 21.4 18.5 27.7

87 15.3 13.0 19.6



#44

Trichloroethene

Concen: 23.770 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX029287.D

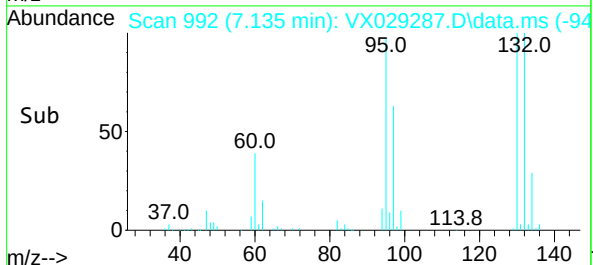
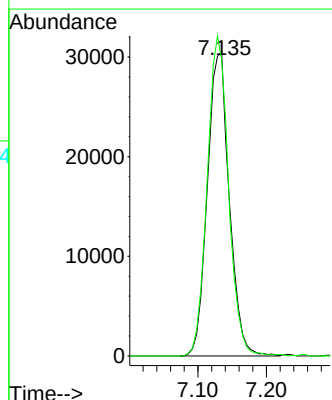
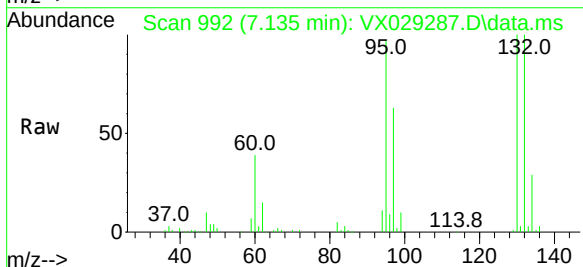
Acq: 07 Jun 2022 20:05

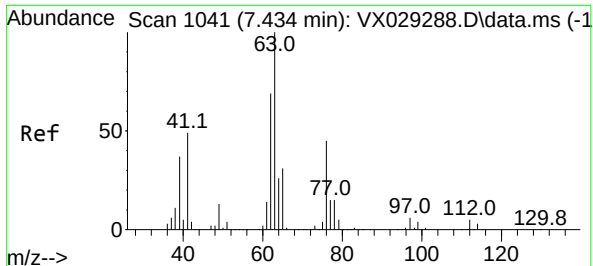
Tgt Ion:130 Resp: 67910

Ion Ratio Lower Upper

130 100

95 97.4 0.0 188.8





#45

1,2-Dichloropropane

Concen: 30.368 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX029287.D

Acq: 07 Jun 2022 20:05

Instrument :

MSVOA_X

ClientSampleId :

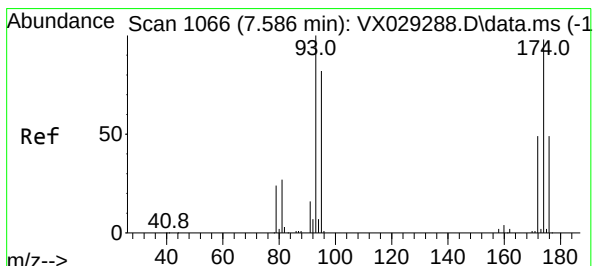
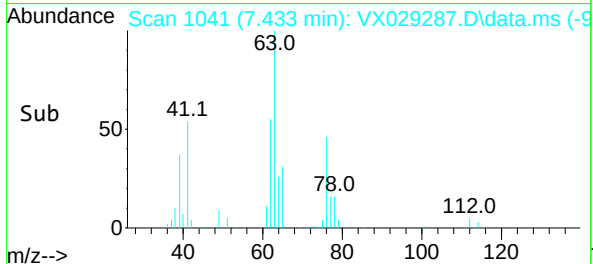
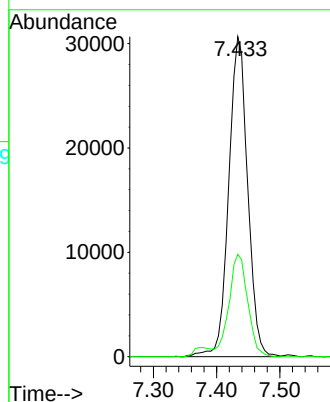
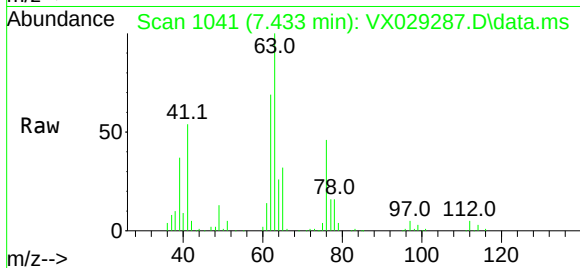
VSTDICC020

Tgt Ion: 63 Resp: 63699

Ion Ratio Lower Upper

63 100

65 32.0 25.8 38.6



#46

Dibromomethane

Concen: 28.893 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX029287.D

Acq: 07 Jun 2022 20:05

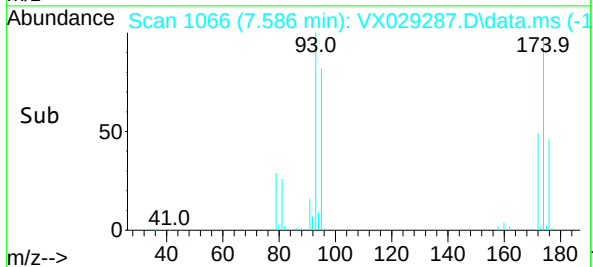
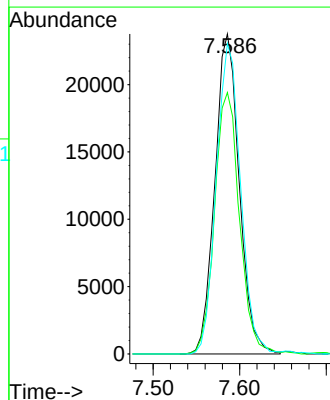
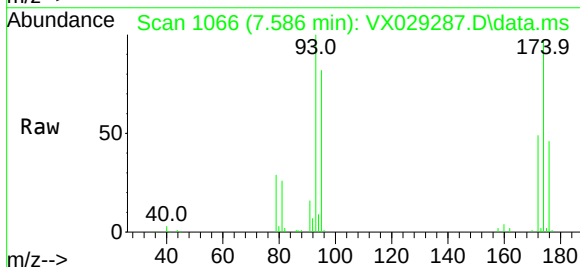
Tgt Ion: 93 Resp: 46446

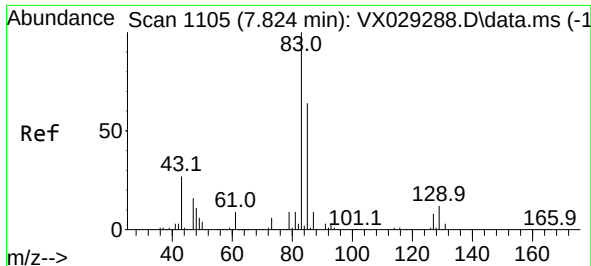
Ion Ratio Lower Upper

93 100

95 83.5 65.8 98.6

174 96.9 85.4 128.2

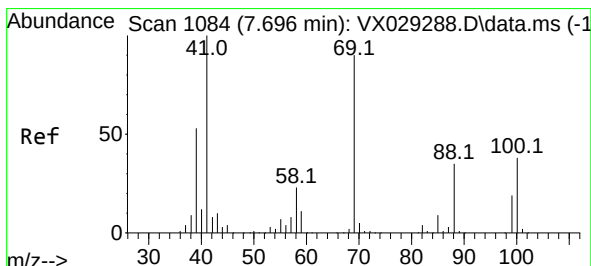
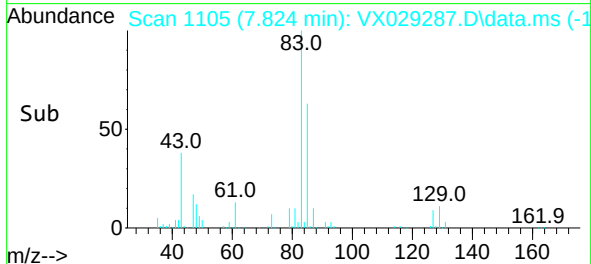
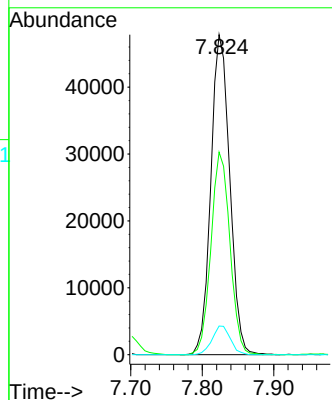
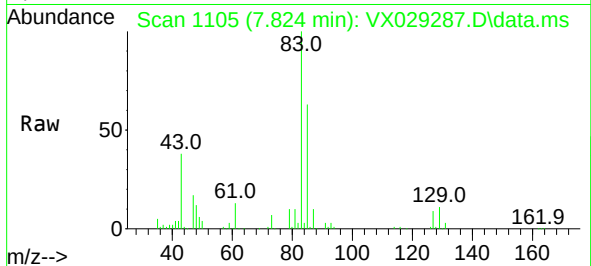




#47
Bromodichloromethane
Concen: 27.975 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX029287.D
Acq: 07 Jun 2022 20:05

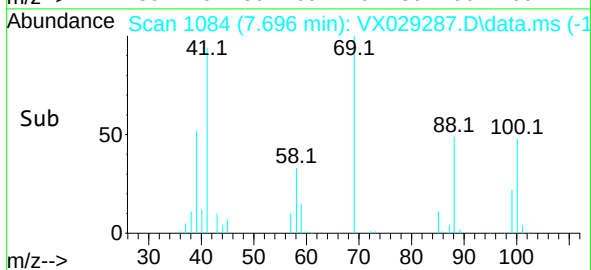
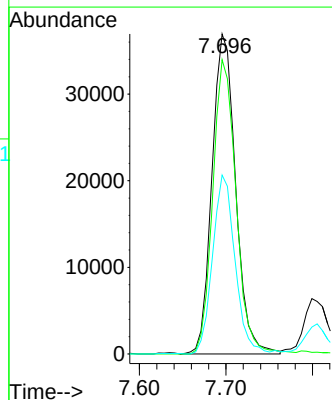
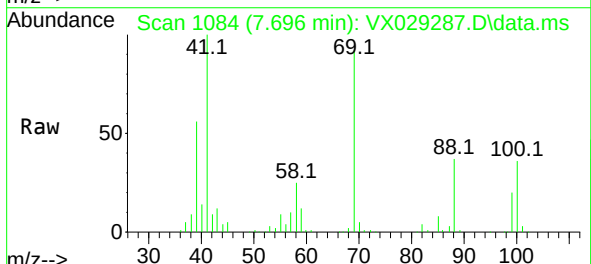
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

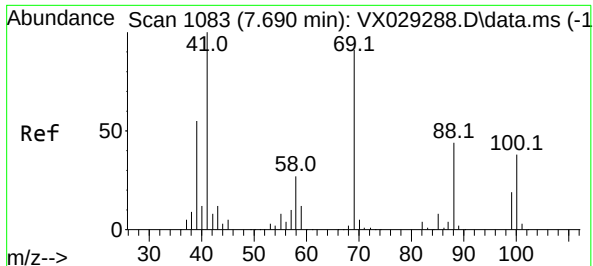
Tgt Ion: 83 Resp: 87847
Ion Ratio Lower Upper
83 100
85 63.3 52.2 78.2
127 8.9 6.8 10.2



#48
Methyl methacrylate
Concen: 31.899 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX029287.D
Acq: 07 Jun 2022 20:05

Tgt Ion: 41 Resp: 70062
Ion Ratio Lower Upper
41 100
69 90.6 82.5 123.7
39 53.1 43.8 65.8





#49

1,4-Dioxane

Concen: 556.825 ug/l

RT: 7.689 min Scan# 1083

Delta R.T. -0.000 min

Lab File: VX029287.D

Acq: 07 Jun 2022 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

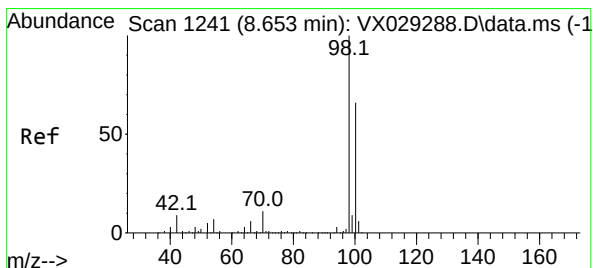
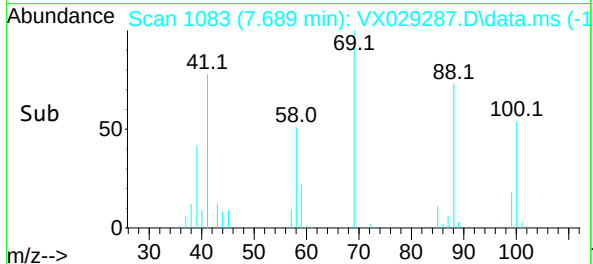
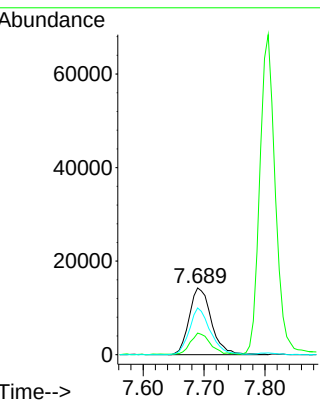
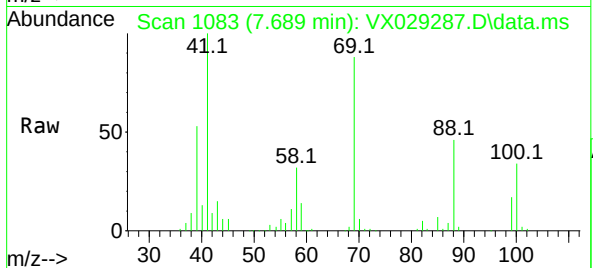
Tgt Ion: 88 Resp: 36054

Ion Ratio Lower Upper

88 100

43 27.9 21.9 32.9

58 66.2 53.7 80.5



#50

Toluene-d8

Concen: 22.625 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX029287.D

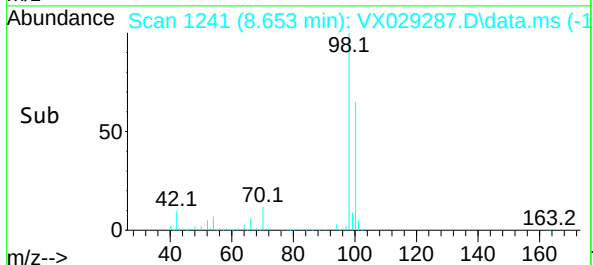
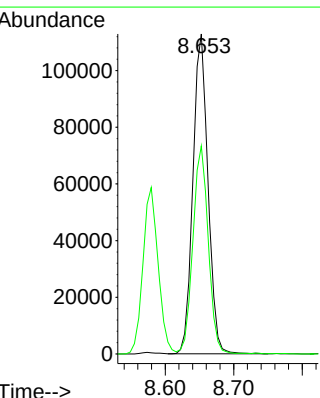
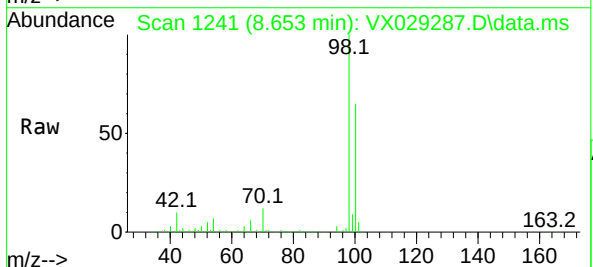
Acq: 07 Jun 2022 20:05

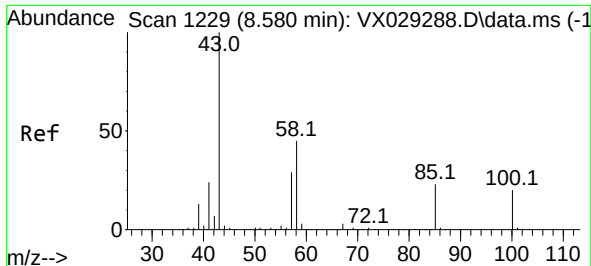
Tgt Ion: 98 Resp: 172646

Ion Ratio Lower Upper

98 100

100 66.2 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 160.160 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VX029287.D

Acq: 07 Jun 2022 20:05

Instrument :

MSVOA_X

ClientSampleId :

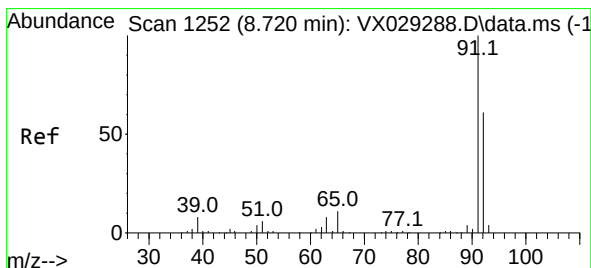
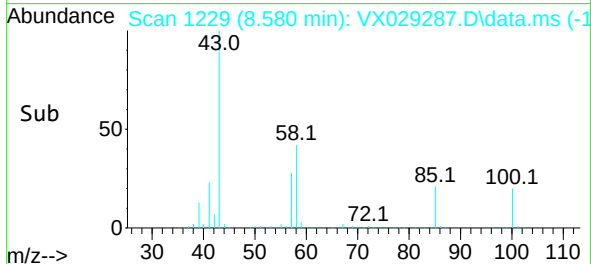
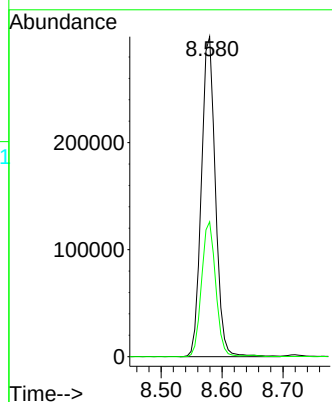
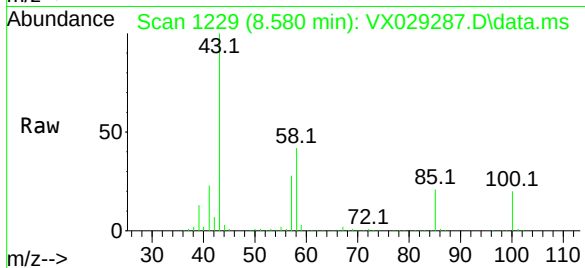
VSTDIC020

Tgt Ion: 43 Resp: 477986

Ion Ratio Lower Upper

43 100

58 42.4 36.1 54.1



#52

Toluene

Concen: 29.947 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX029287.D

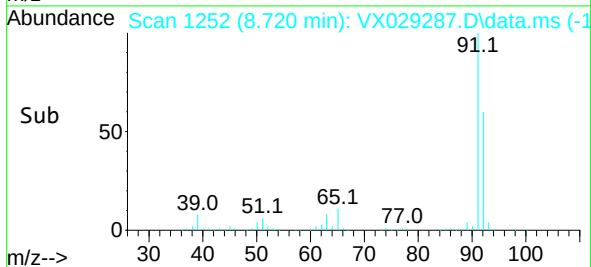
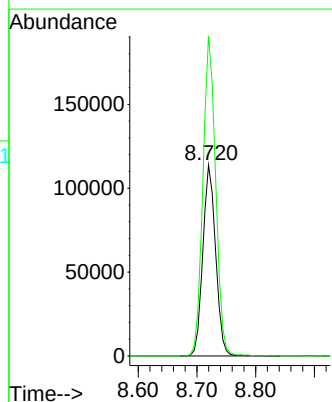
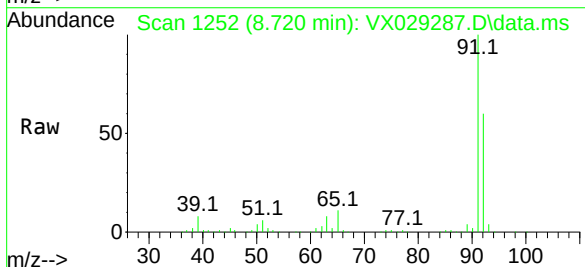
Acq: 07 Jun 2022 20:05

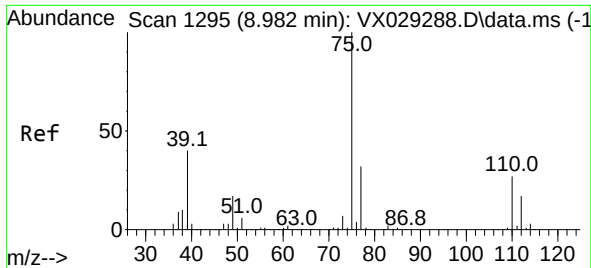
Tgt Ion: 92 Resp: 172496

Ion Ratio Lower Upper

92 100

91 166.9 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 26.303 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX029287.D

Acq: 07 Jun 2022 20:05

Instrument :

MSVOA_X

ClientSampleId :

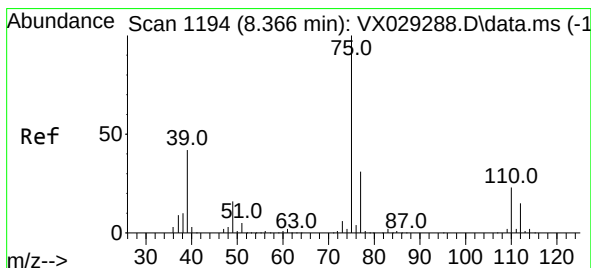
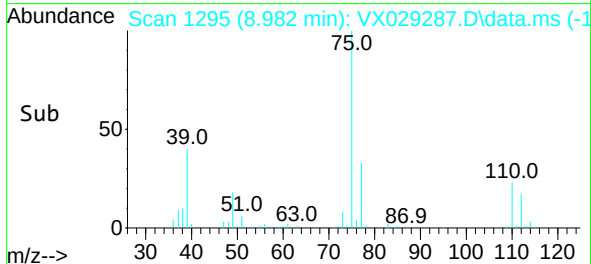
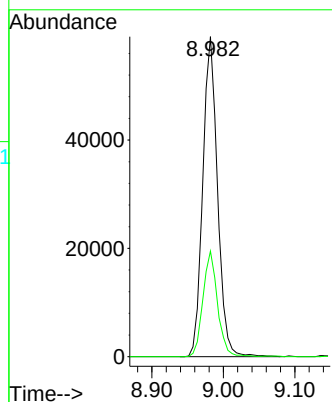
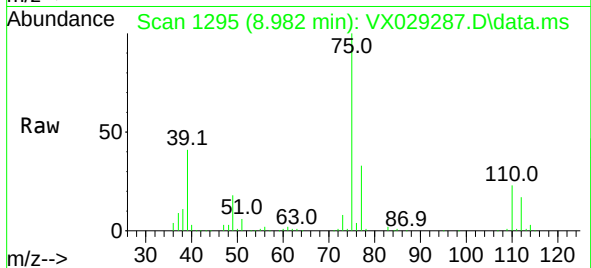
VSTDIC020

Tgt Ion: 75 Resp: 84691

Ion Ratio Lower Upper

75 100

77 33.0 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 27.332 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX029287.D

Acq: 07 Jun 2022 20:05

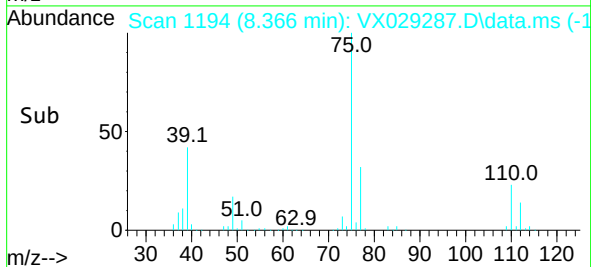
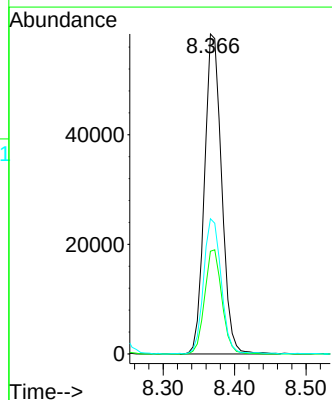
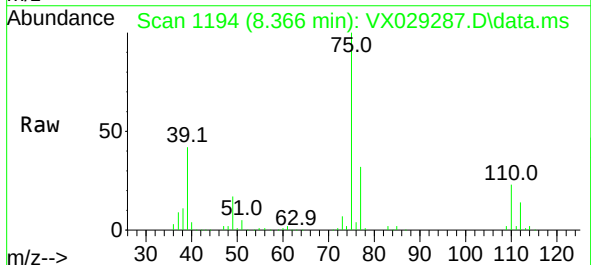
Tgt Ion: 75 Resp: 97430

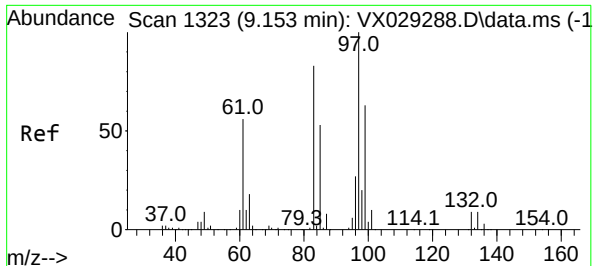
Ion Ratio Lower Upper

75 100

77 32.1 24.8 37.2

39 42.2 29.6 44.4



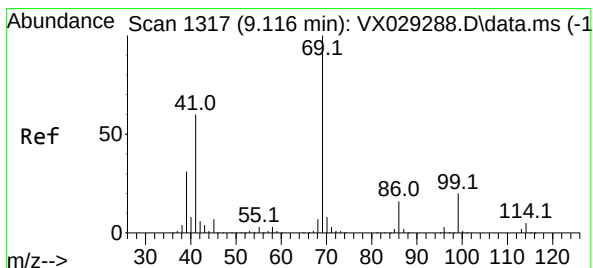
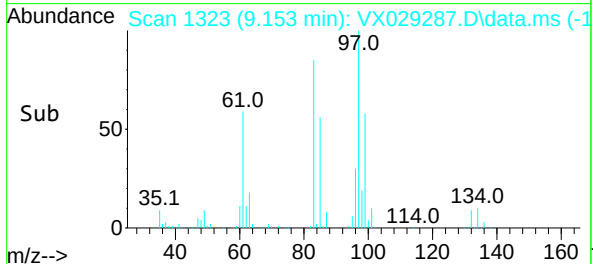
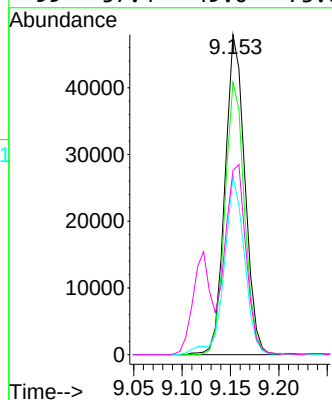
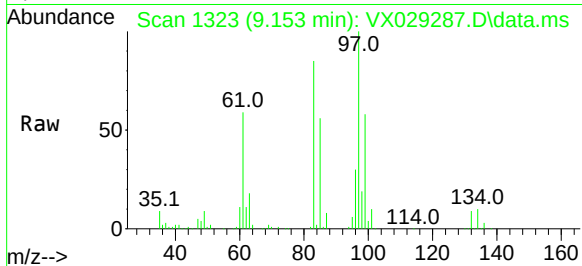


#55
1,1,2-Trichloroethane
Concen: 28.832 ug/l
RT: 9.153 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VX029287.D
Acq: 07 Jun 2022 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 97 Resp: 68554

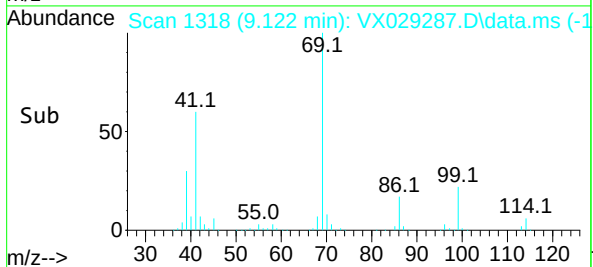
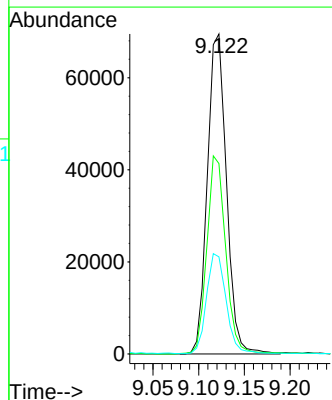
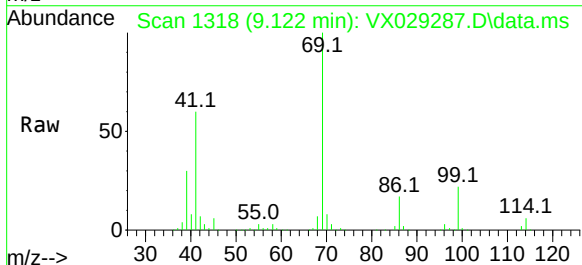
Ion	Ratio	Lower	Upper
97	100		
83	85.1	66.2	99.4
85	55.6	42.9	64.3
99	57.4	49.0	73.6

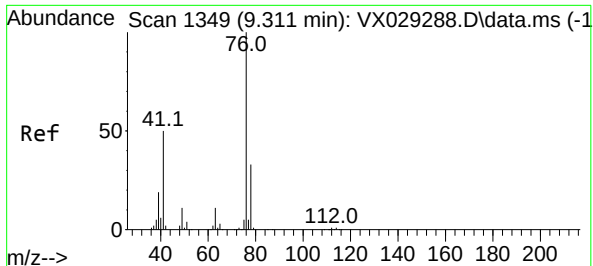


#56
Ethyl methacrylate
Concen: 29.422 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX029287.D
Acq: 07 Jun 2022 20:05

Tgt Ion: 69 Resp: 101068

Ion	Ratio	Lower	Upper
69	100		
41	61.3	43.8	65.6
39	32.0	22.2	33.2





#57

1,3-Dichloropropane

Concen: 30.218 ug/l

RT: 9.311 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX029287.D

Acq: 07 Jun 2022 20:05

Instrument :

MSVOA_X

ClientSampleId :

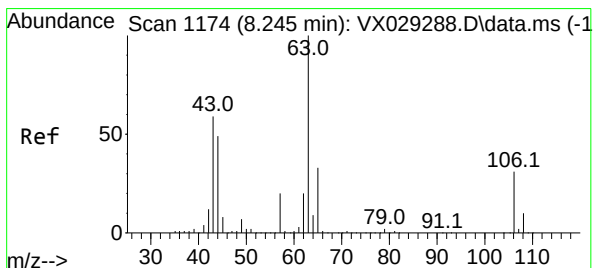
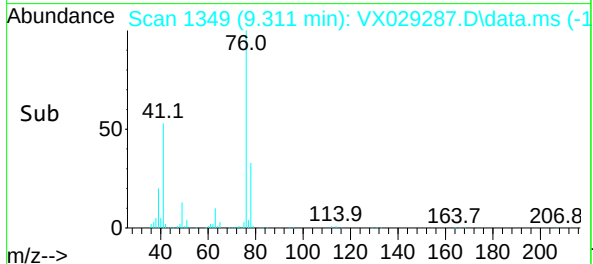
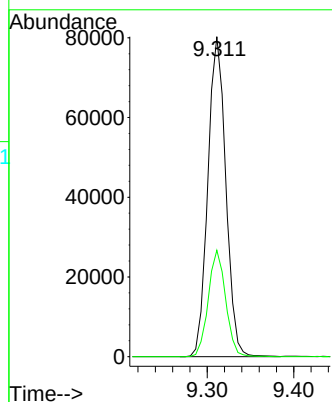
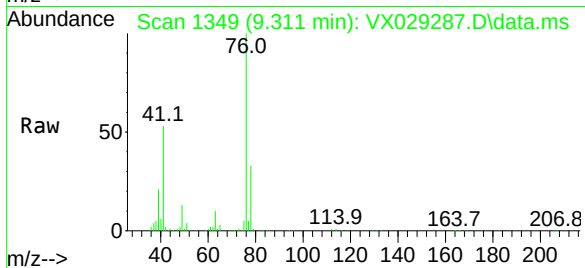
VSTDICC020

Tgt Ion: 76 Resp: 115406

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 146.709 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX029287.D

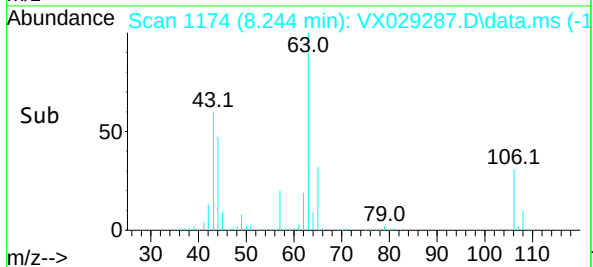
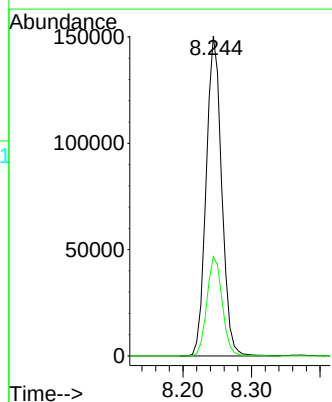
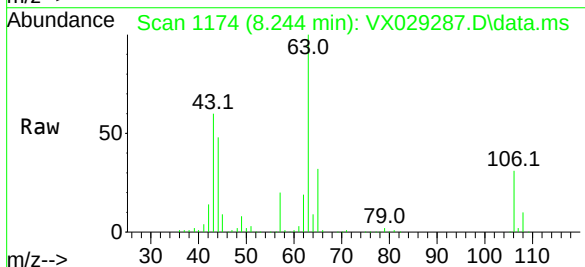
Acq: 07 Jun 2022 20:05

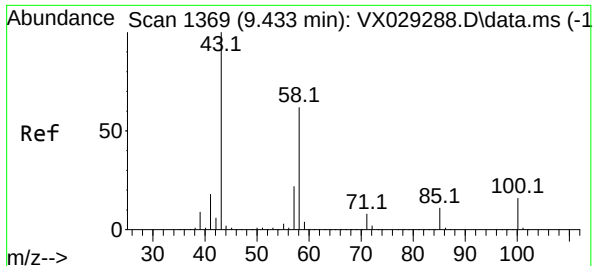
Tgt Ion: 63 Resp: 237072

Ion Ratio Lower Upper

63 100

106 30.7 23.9 35.9





#59

2-Hexanone

Concen: 158.168 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX029287.D

Acq: 07 Jun 2022 20:05

Instrument :

MSVOA_X

ClientSampleId :

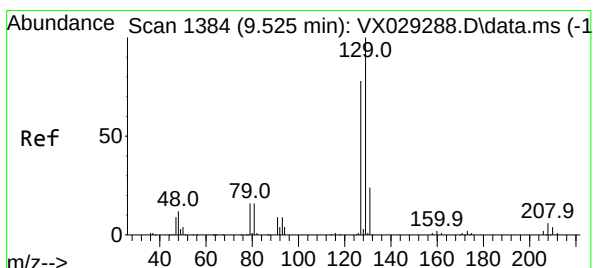
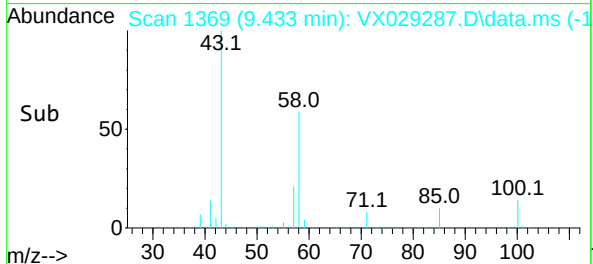
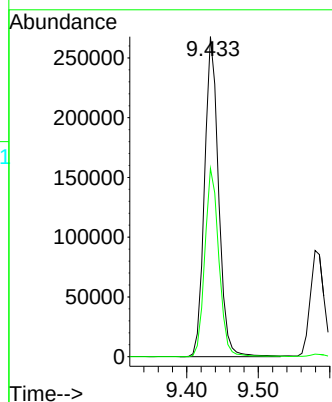
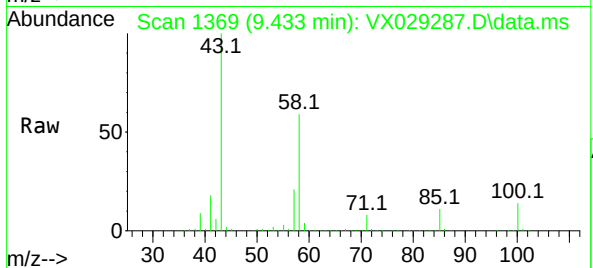
VSTDICC020

Tgt Ion: 43 Resp: 366210

Ion Ratio Lower Upper

43 100

58 58.7 31.9 95.7



#60

Dibromochloromethane

Concen: 24.358 ug/l

RT: 9.524 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX029287.D

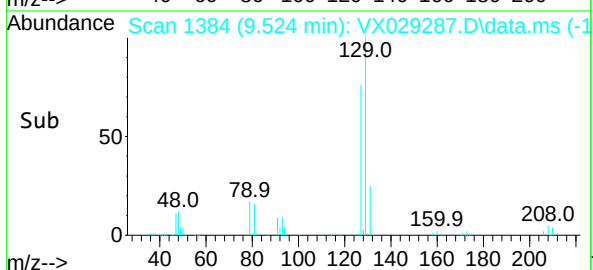
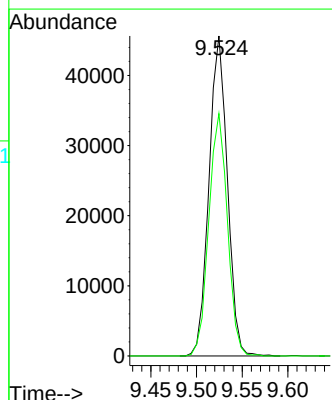
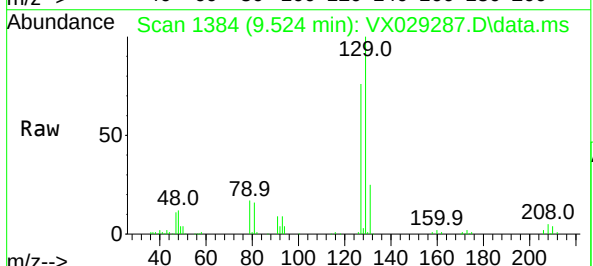
Acq: 07 Jun 2022 20:05

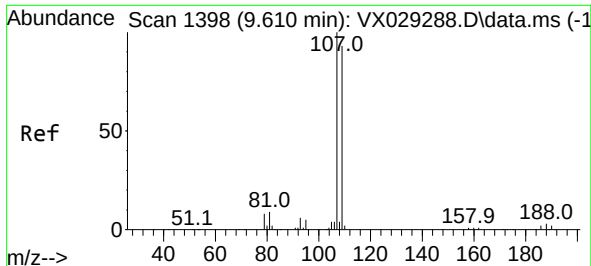
Tgt Ion: 129 Resp: 63753

Ion Ratio Lower Upper

129 100

127 76.6 40.3 120.8

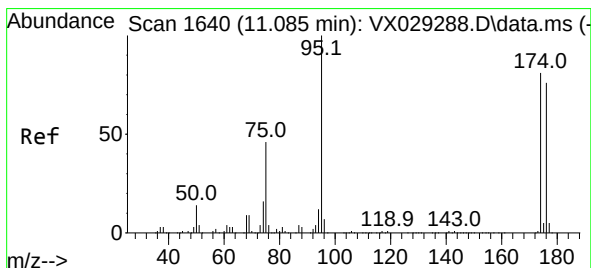
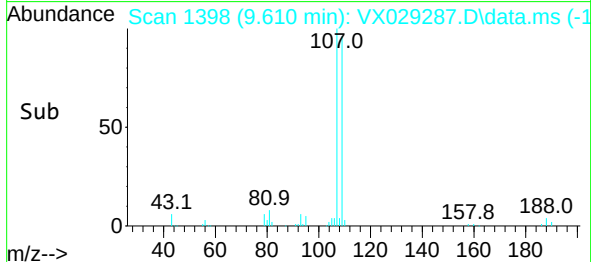
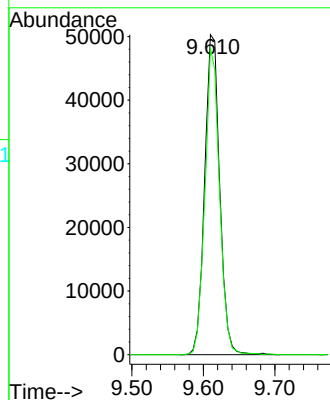
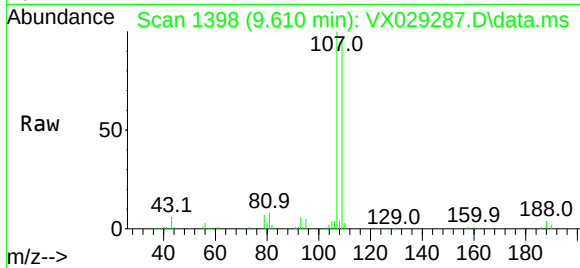




#61
1,2-Dibromoethane
Concen: 28.643 ug/l
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029287.D
Acq: 07 Jun 2022 20:05

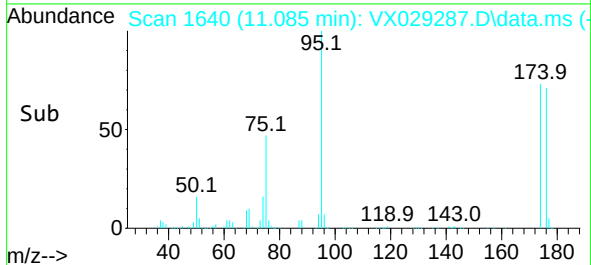
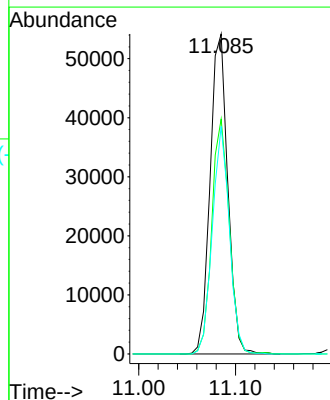
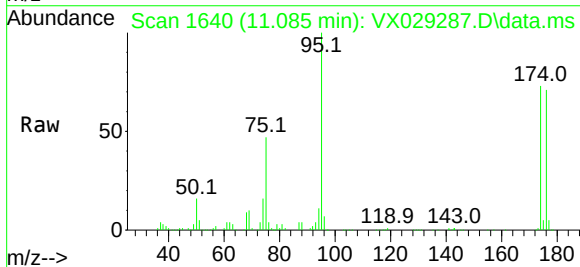
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

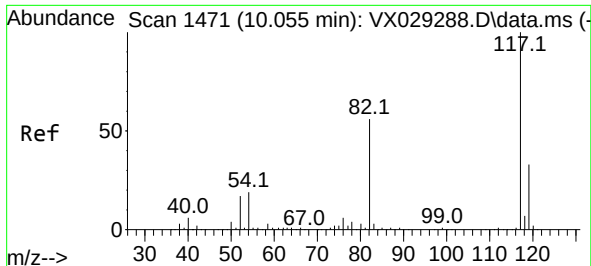
Tgt Ion:107 Resp: 73589
Ion Ratio Lower Upper
107 100
109 92.6 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 23.162 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX029287.D
Acq: 07 Jun 2022 20:05

Tgt Ion: 95 Resp: 68888
Ion Ratio Lower Upper
95 100
174 72.4 0.0 163.0
176 68.4 0.0 155.0

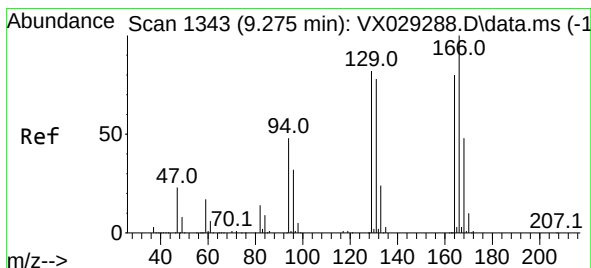
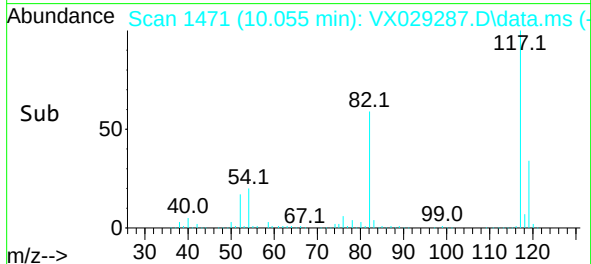
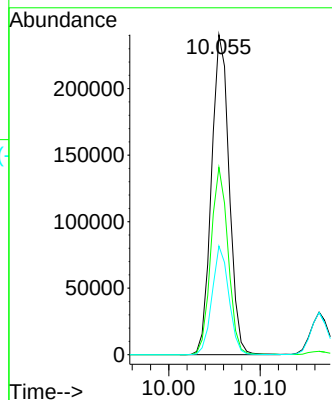
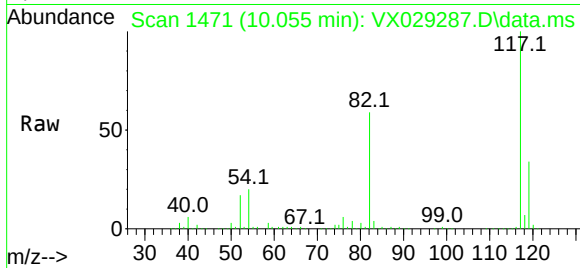




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029287.D
Acq: 07 Jun 2022 20:05

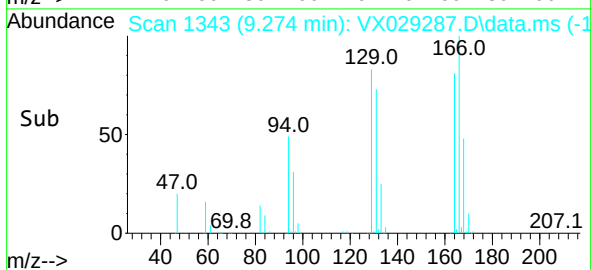
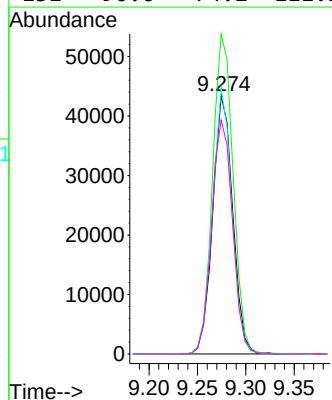
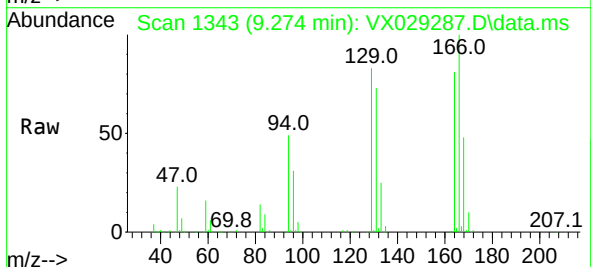
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

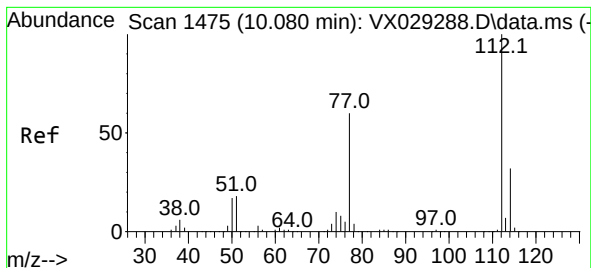
Tgt Ion:117 Resp: 322568
Ion Ratio Lower Upper
117 100
82 58.6 41.8 62.8
119 34.0 24.8 37.2



#64
Tetrachloroethene
Concen: 24.468 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX029287.D
Acq: 07 Jun 2022 20:05

Tgt Ion:164 Resp: 62429
Ion Ratio Lower Upper
164 100
166 123.9 101.2 151.8
129 103.2 73.0 109.4
131 90.6 74.2 111.2

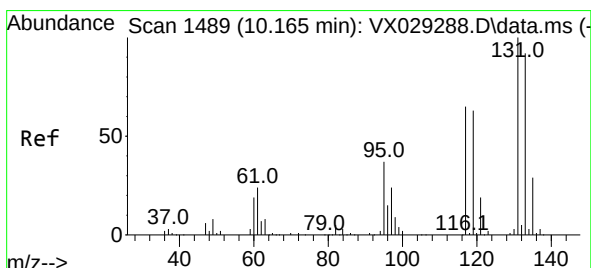
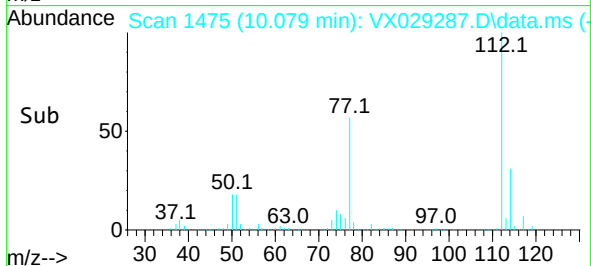
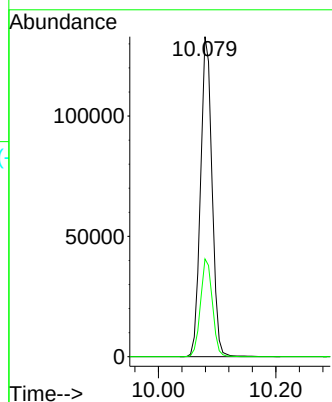
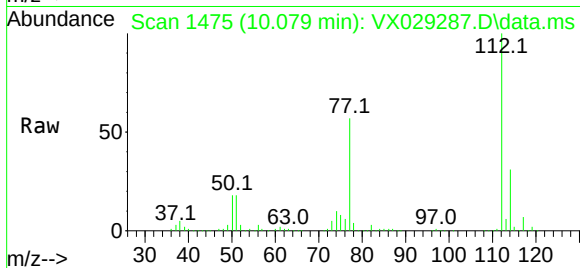




#65
Chlorobenzene
Concen: 25.690 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX029287.D
Acq: 07 Jun 2022 20:05

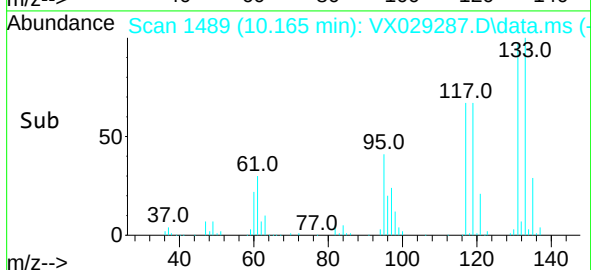
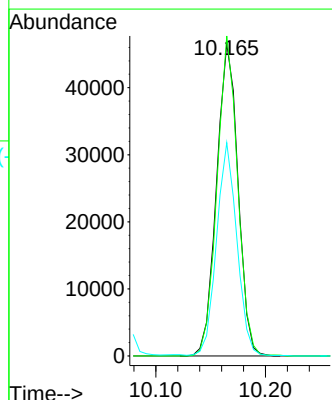
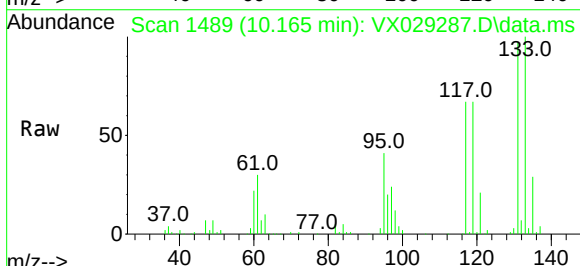
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

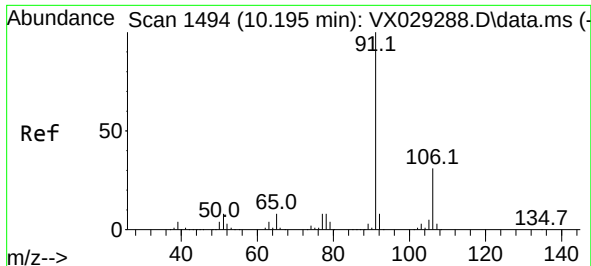
Tgt Ion:112 Resp: 180908
Ion Ratio Lower Upper
112 100
114 30.6 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 23.570 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX029287.D
Acq: 07 Jun 2022 20:05

Tgt Ion:131 Resp: 63311
Ion Ratio Lower Upper
131 100
133 98.3 48.3 144.8
119 64.9 32.6 98.0





#67

Ethyl Benzene

Concen: 27.090 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX029287.D

Acq: 07 Jun 2022 20:05

Instrument :

MSVOA_X

ClientSampleId :

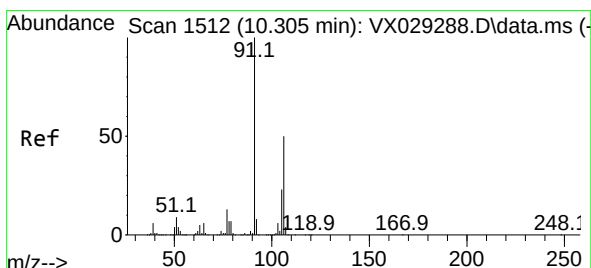
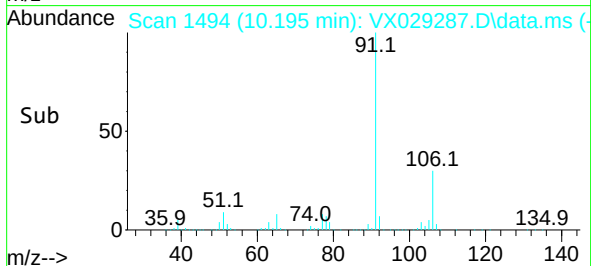
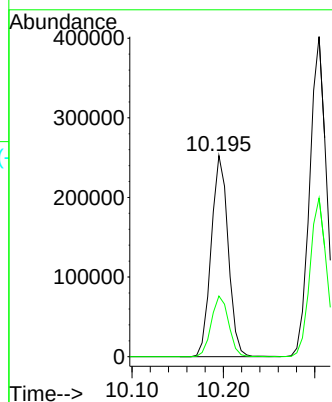
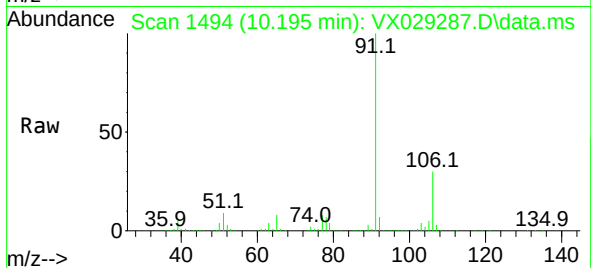
VSTDICC020

Tgt Ion: 91 Resp: 325151

Ion Ratio Lower Upper

91 100

106 30.1 24.6 36.8



#68

m/p-Xylenes

Concen: 53.405 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX029287.D

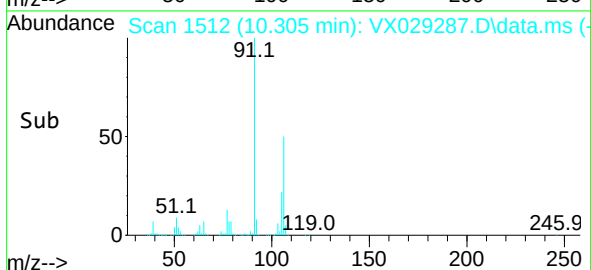
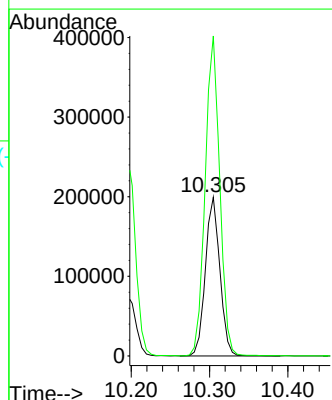
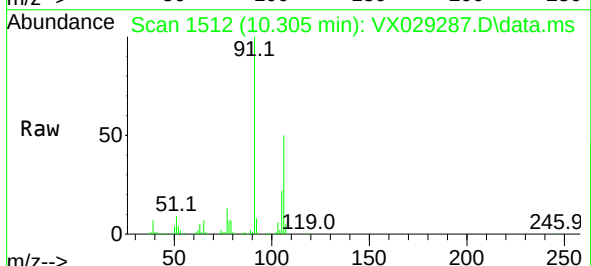
Acq: 07 Jun 2022 20:05

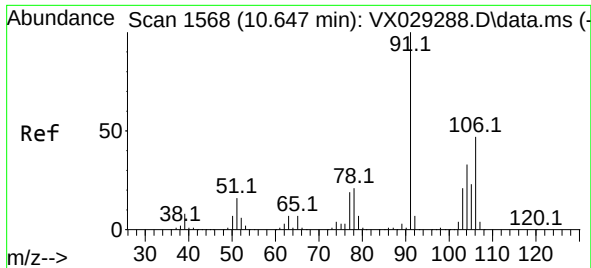
Tgt Ion:106 Resp: 255504

Ion Ratio Lower Upper

106 100

91 203.0 160.4 240.6

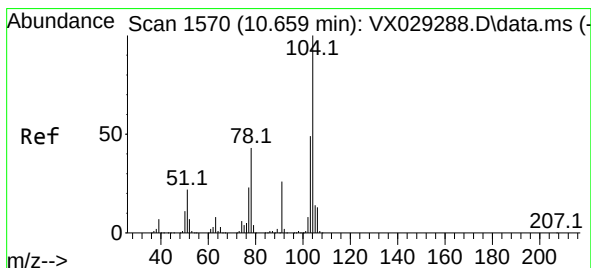
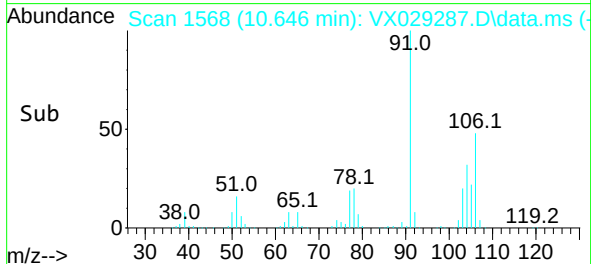
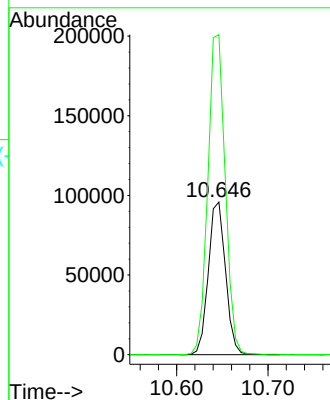
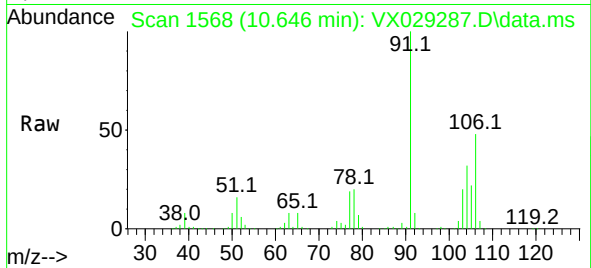




#69
o-Xylene
Concen: 26.494 ug/l
RT: 10.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029287.D
Acq: 07 Jun 2022 20:05

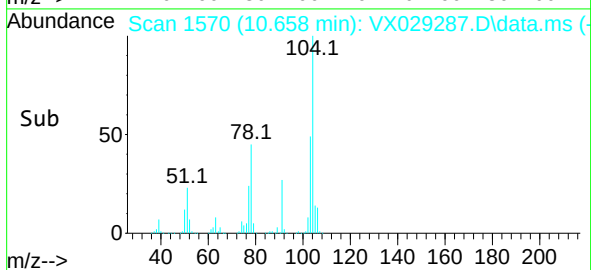
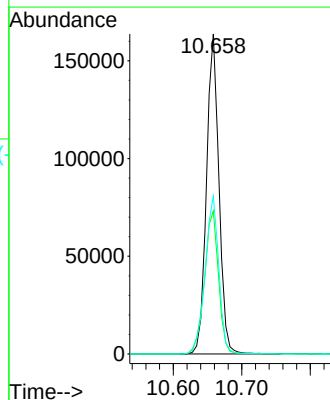
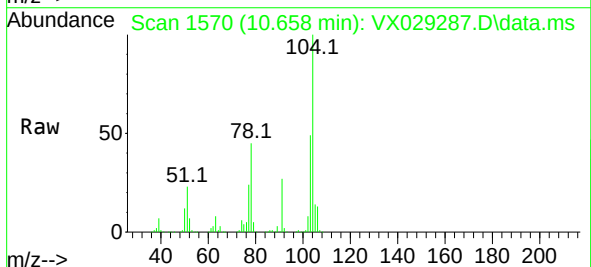
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

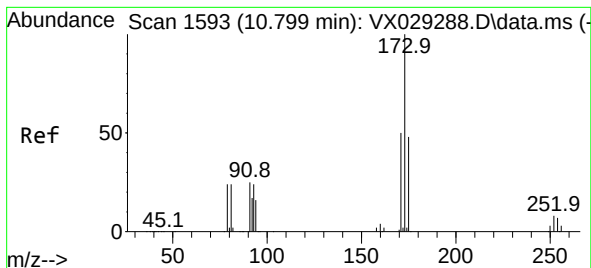
Tgt Ion:106 Resp: 124838
Ion Ratio Lower Upper
106 100
91 213.0 106.1 318.1



#70
Styrene
Concen: 26.461 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX029287.D
Acq: 07 Jun 2022 20:05

Tgt Ion:104 Resp: 207581
Ion Ratio Lower Upper
104 100
78 50.4 38.6 57.8
103 54.0 43.8 65.8





#71

Bromoform

Concen: 19.423 ug/l

RT: 10.805 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX029287.D

Acq: 07 Jun 2022 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

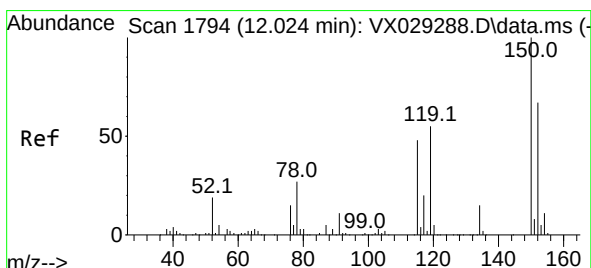
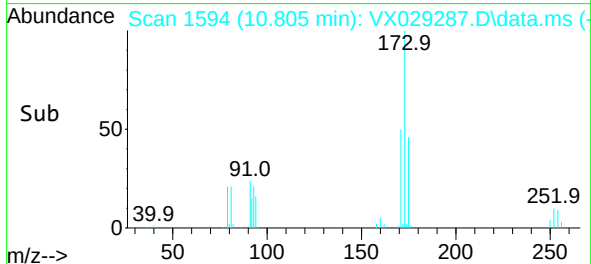
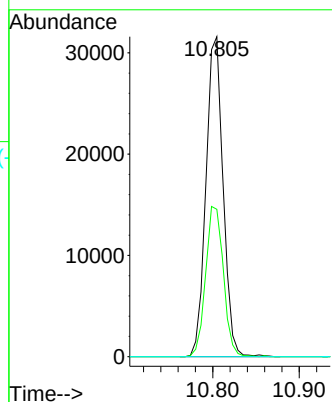
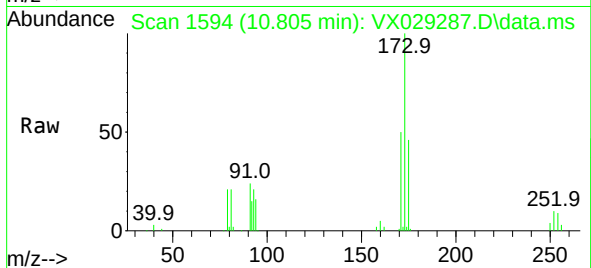
Tgt Ion:173 Resp: 43427

Ion Ratio Lower Upper

173 100

175 48.6 24.1 72.2

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX029287.D

Acq: 07 Jun 2022 20:05

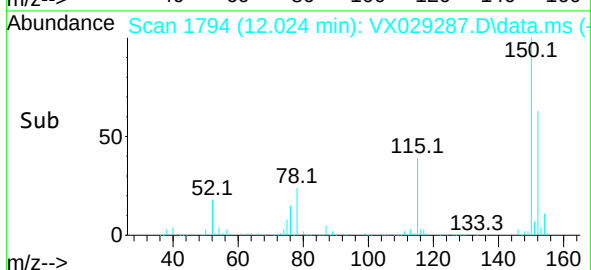
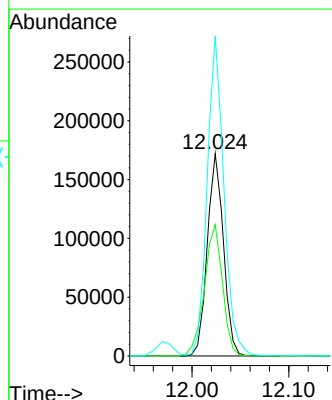
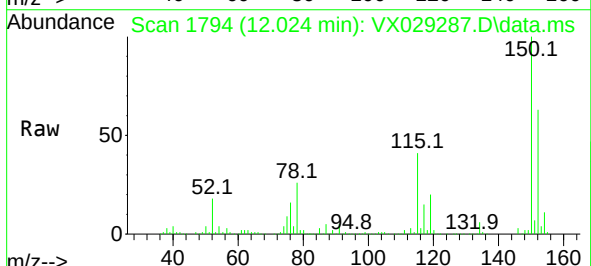
Tgt Ion:152 Resp: 200322

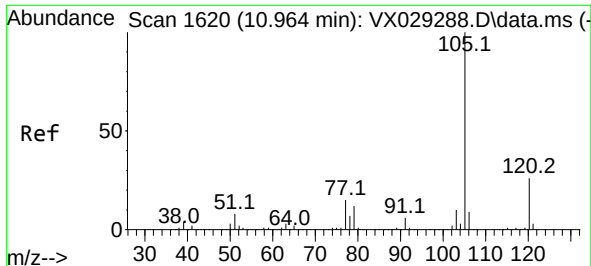
Ion Ratio Lower Upper

152 100

115 72.9 37.5 112.7

150 163.4 0.0 338.2

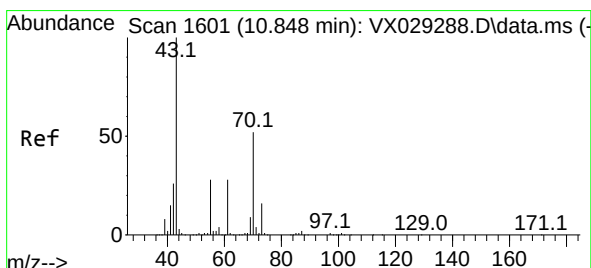
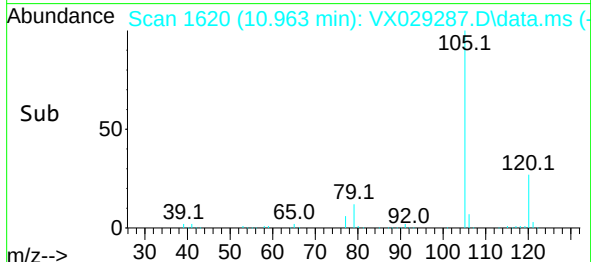
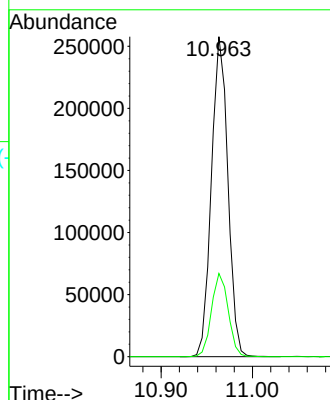
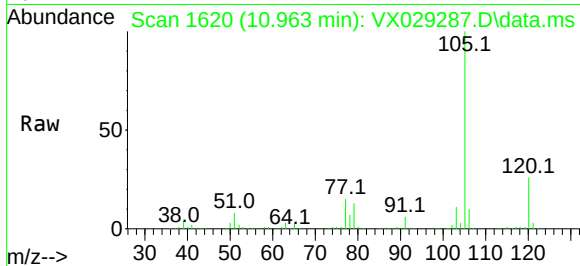




#73
Isopropylbenzene
Concen: 23.061 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX029287.D
Acq: 07 Jun 2022 20:05

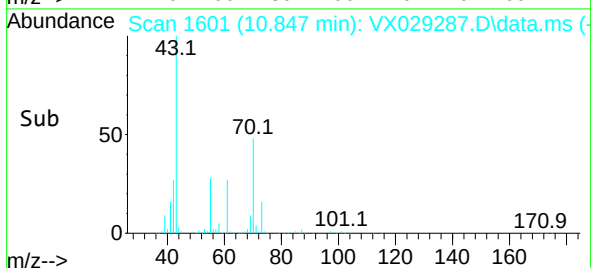
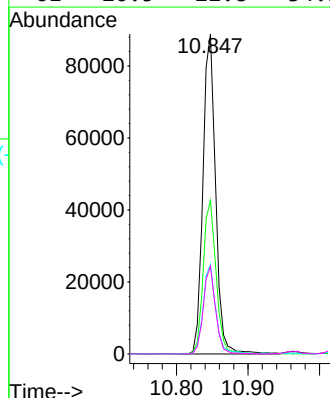
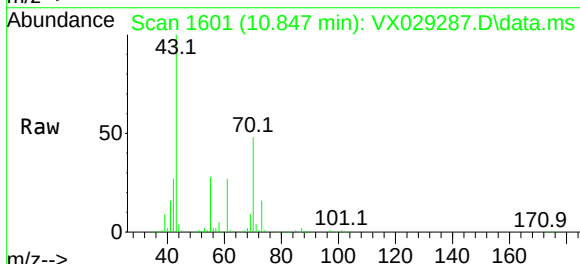
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

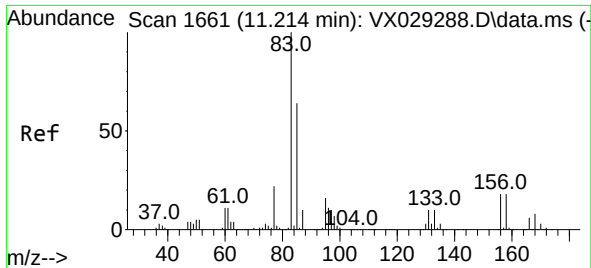
Tgt Ion:105 Resp: 321917
Ion Ratio Lower Upper
105 100
120 26.4 13.5 40.5



#74
N-ethyl acetate
Concen: 23.820 ug/l
RT: 10.847 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX029287.D
Acq: 07 Jun 2022 20:05

Tgt Ion: 43 Resp: 109422
Ion Ratio Lower Upper
43 100
70 48.9 42.5 63.7
55 28.1 23.1 34.7
61 26.5 22.8 34.2

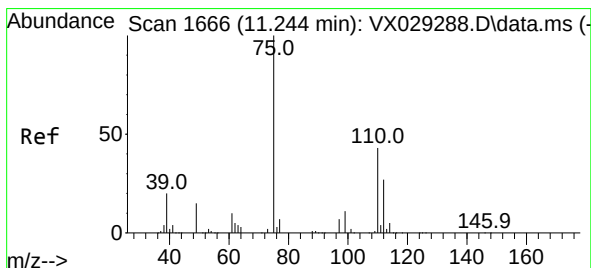
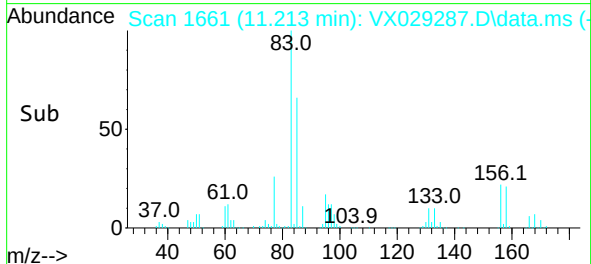
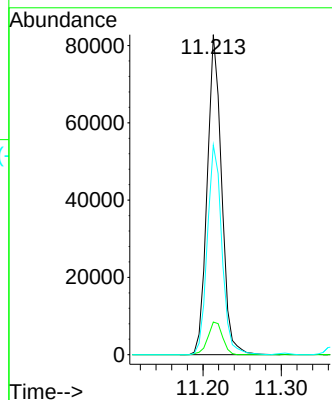
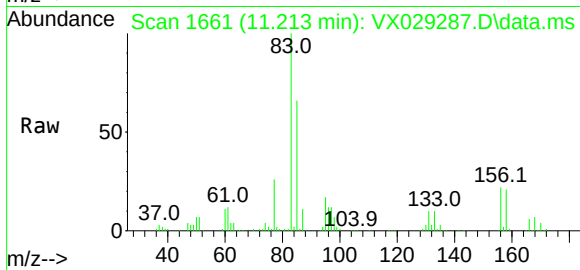




#75
1,1,2,2-Tetrachloroethane
Concen: 22.458 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX029287.D
Acq: 07 Jun 2022 20:05

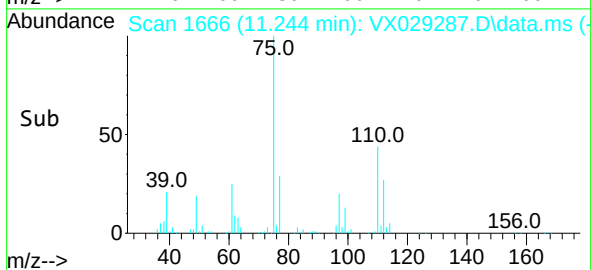
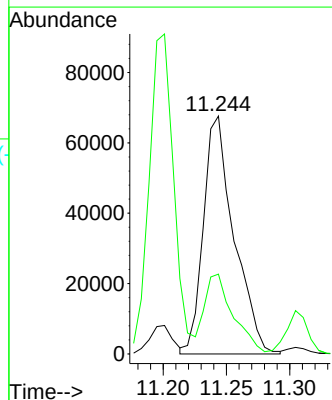
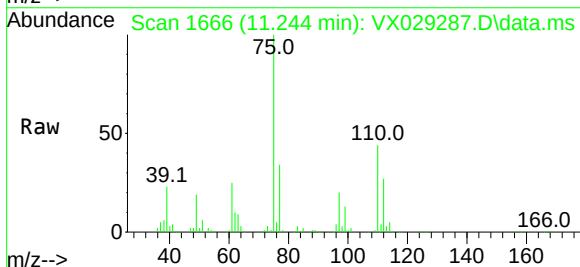
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

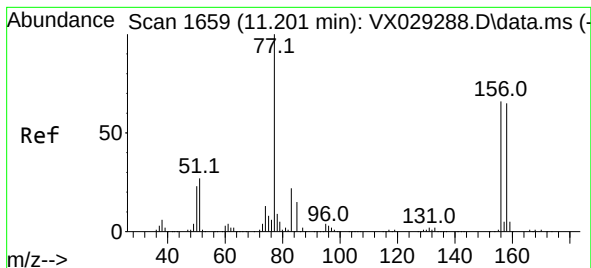
Tgt Ion: 83 Resp: 105322
Ion Ratio Lower Upper
83 100
131 10.4 5.1 15.3
85 66.3 32.6 97.7



#76
1,2,3-Trichloropropane
Concen: 27.100 ug/l
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX029287.D
Acq: 07 Jun 2022 20:05

Tgt Ion: 75 Resp: 114084
Ion Ratio Lower Upper
75 100
77 31.3 19.4 58.2





#77

Bromobenzene

Concen: 20.136 ug/l

RT: 11.201 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX029287.D

Acq: 07 Jun 2022 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

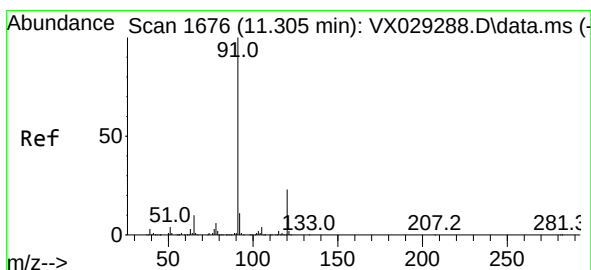
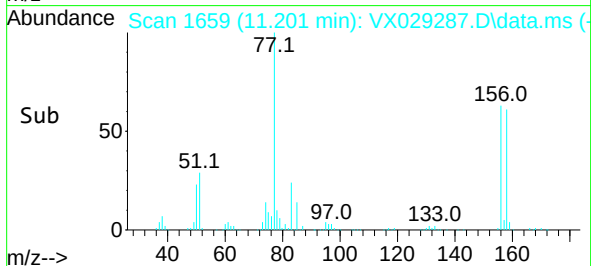
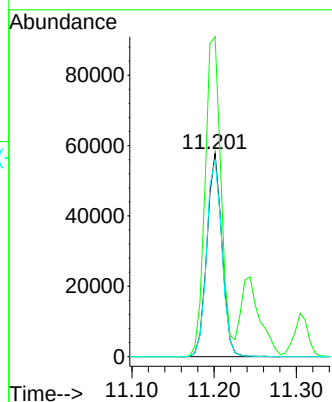
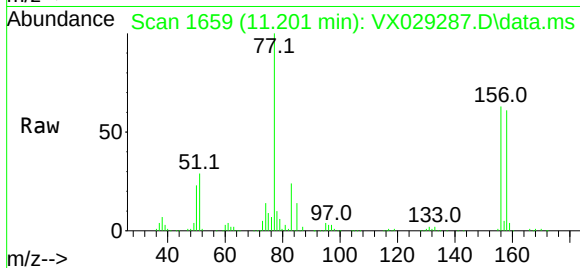
Tgt Ion:156 Resp: 73263

Ion Ratio Lower Upper

156 100

77 168.4 78.5 235.3

158 98.7 50.2 150.7



#78

n-propylbenzene

Concen: 23.587 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX029287.D

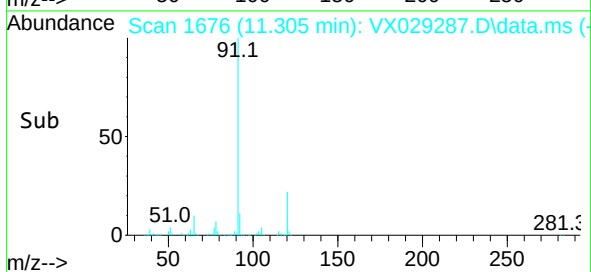
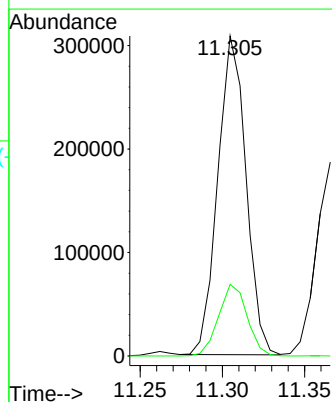
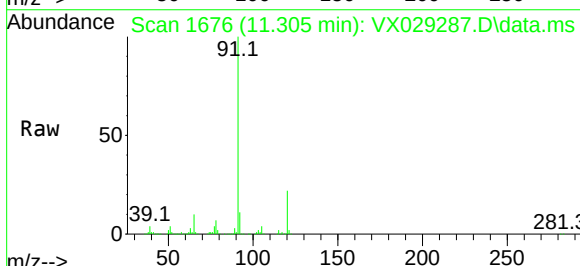
Acq: 07 Jun 2022 20:05

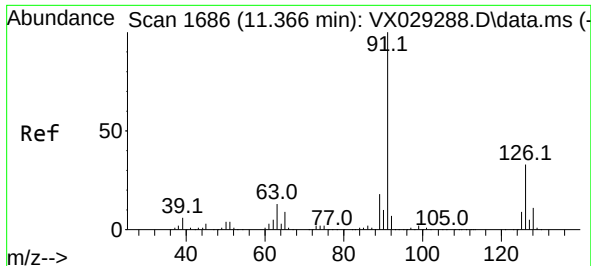
Tgt Ion: 91 Resp: 367658

Ion Ratio Lower Upper

91 100

120 22.8 11.6 34.8

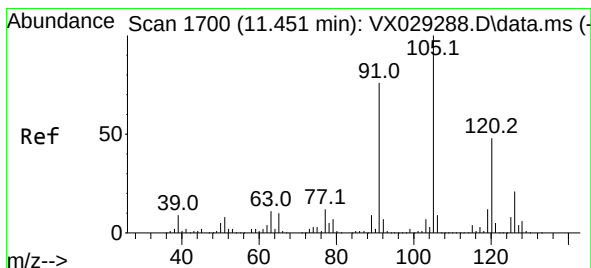
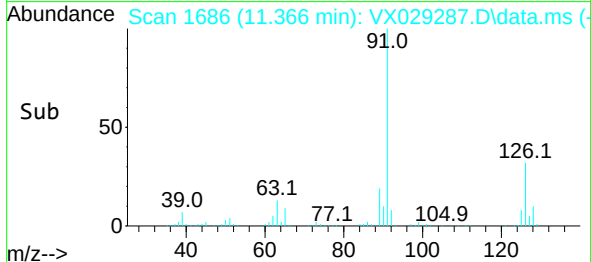
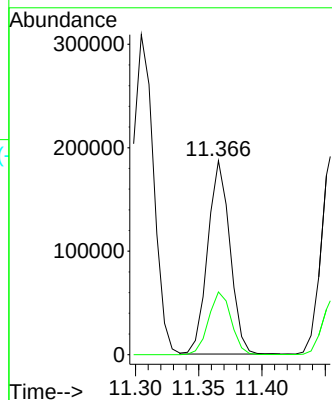
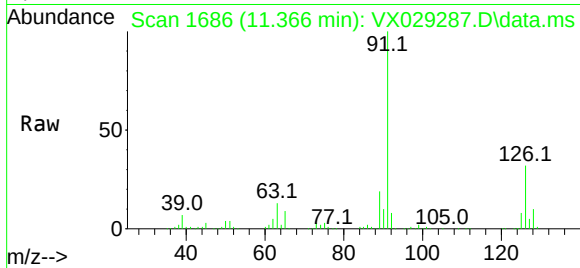




#79
2-Chlorotoluene
Concen: 23.284 ug/l
RT: 11.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029287.D
Acq: 07 Jun 2022 20:05

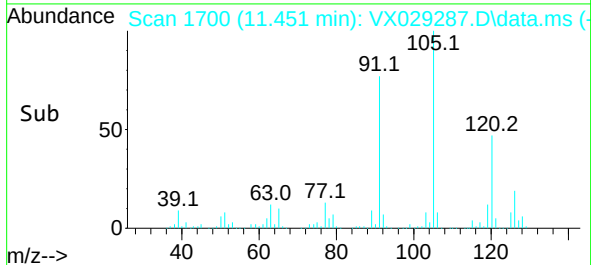
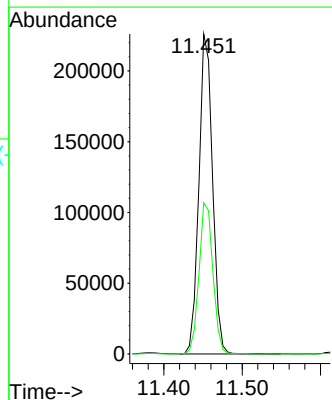
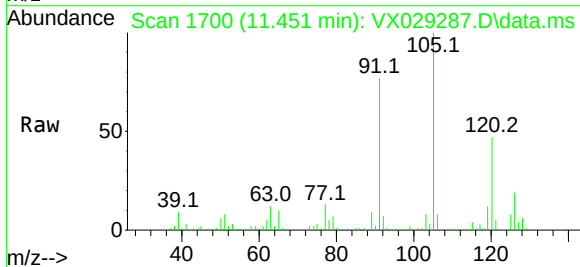
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

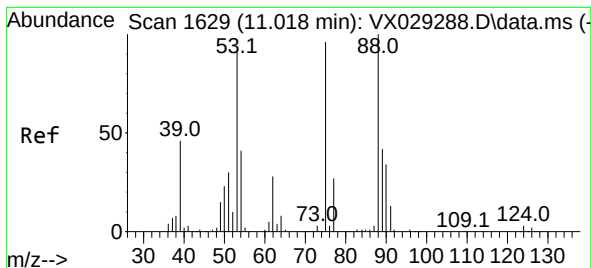
Tgt Ion: 91 Resp: 228543
Ion Ratio Lower Upper
91 100
126 33.1 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 23.028 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX029287.D
Acq: 07 Jun 2022 20:05

Tgt Ion: 105 Resp: 274764
Ion Ratio Lower Upper
105 100
120 48.2 24.3 72.9

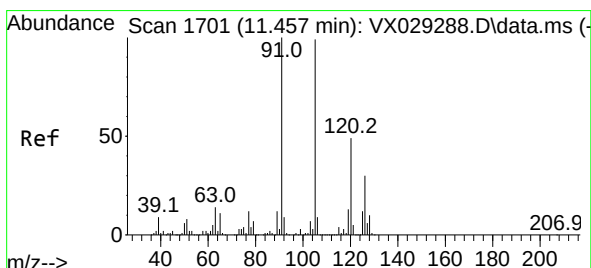
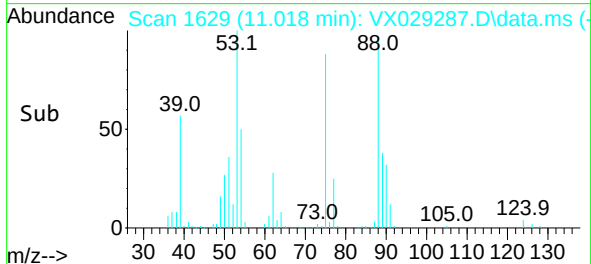
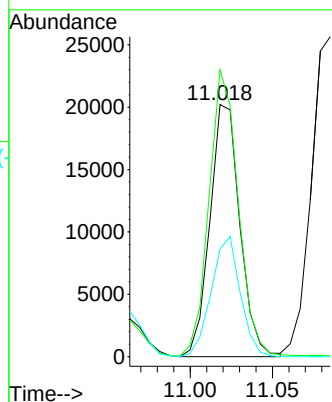
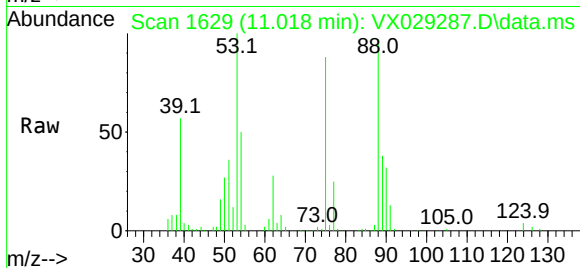




#81
trans-1,4-Dichloro-2-butene
Concen: 18.205 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX029287.D
Acq: 07 Jun 2022 20:05

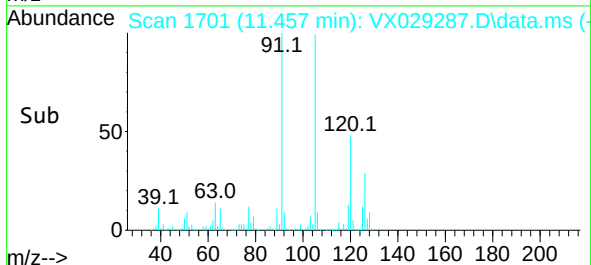
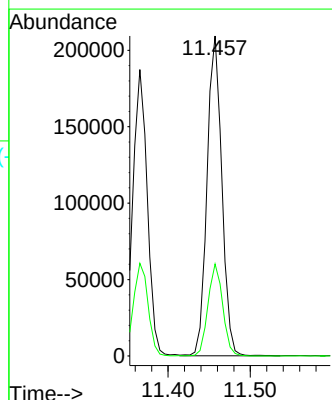
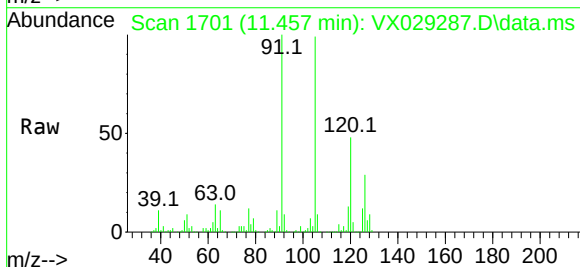
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

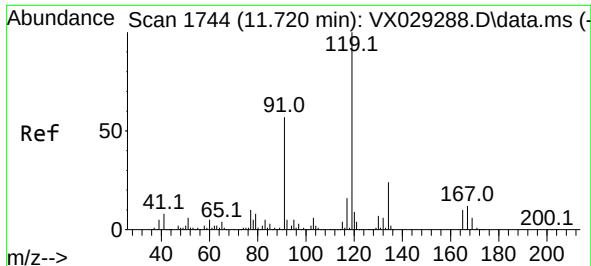
Tgt Ion: 75 Resp: 25609
Ion Ratio Lower Upper
75 100
53 111.5 69.0 103.4#
89 46.1 37.0 55.6



#82
4-Chlorotoluene
Concen: 23.207 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX029287.D
Acq: 07 Jun 2022 20:05

Tgt Ion: 91 Resp: 260829
Ion Ratio Lower Upper
91 100
126 28.7 14.9 44.5

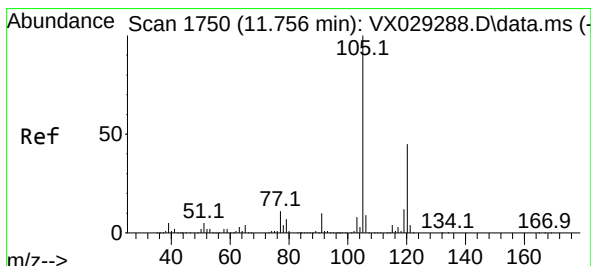
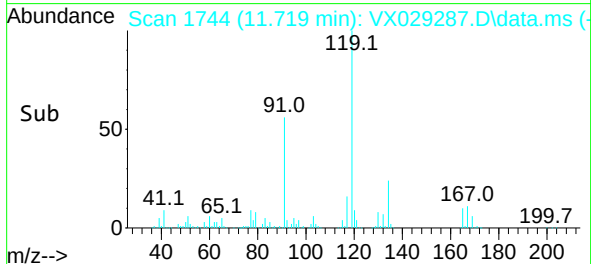
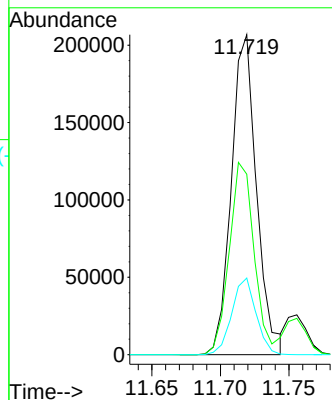
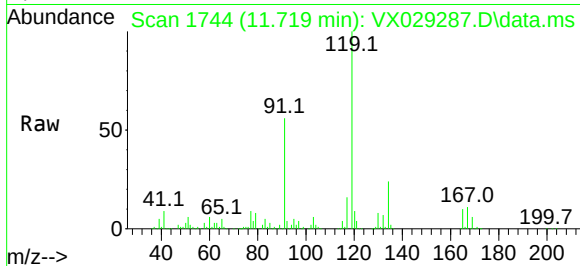




#83
 tert-Butylbenzene
 Concen: 21.911 ug/l
 RT: 11.719 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX029287.D
 Acq: 07 Jun 2022 20:05

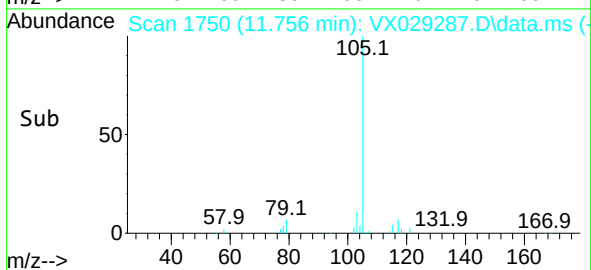
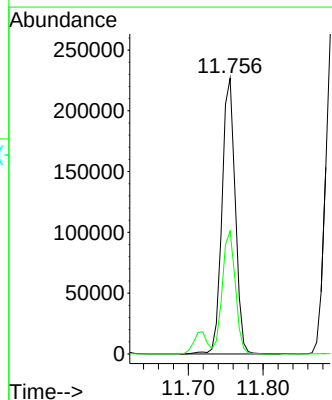
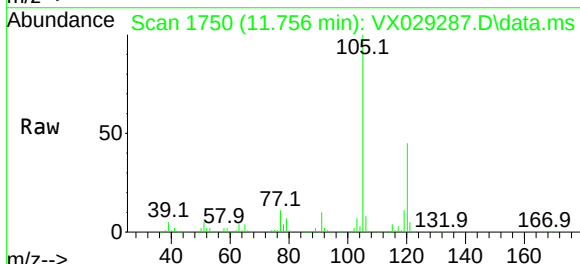
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

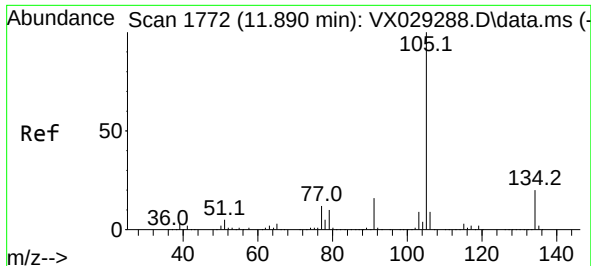
Tgt Ion:119 Resp: 265060
 Ion Ratio Lower Upper
 119 100
 91 59.2 26.9 80.6
 134 23.1 11.4 34.2



#84
 1,2,4-Trimethylbenzene
 Concen: 23.555 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: VX029287.D
 Acq: 07 Jun 2022 20:05

Tgt Ion:105 Resp: 279902
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.6 67.8

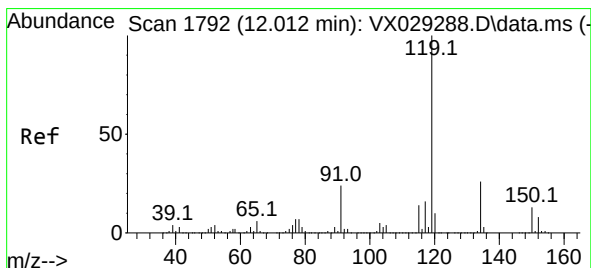
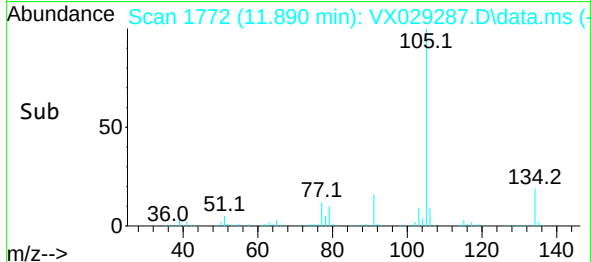
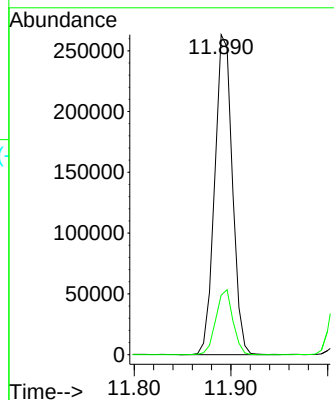
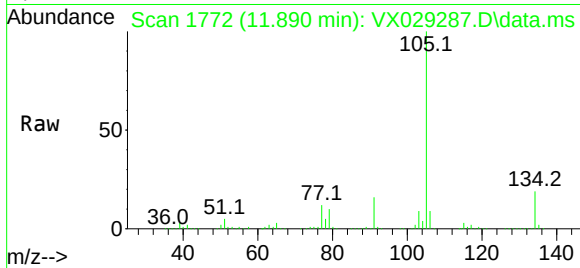




#85
 sec-Butylbenzene
 Concen: 23.318 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX029287.D
 Acq: 07 Jun 2022 20:05

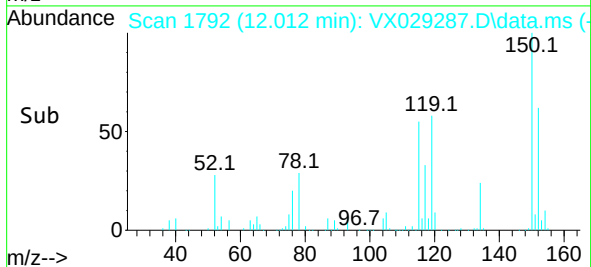
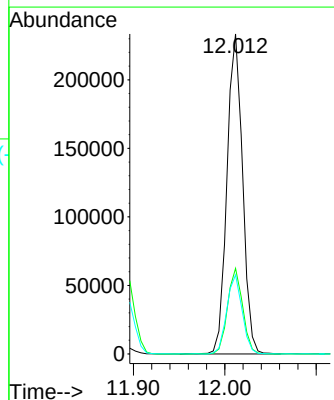
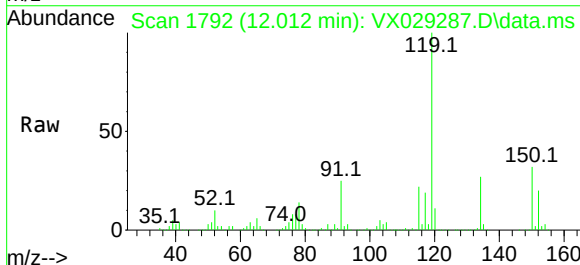
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

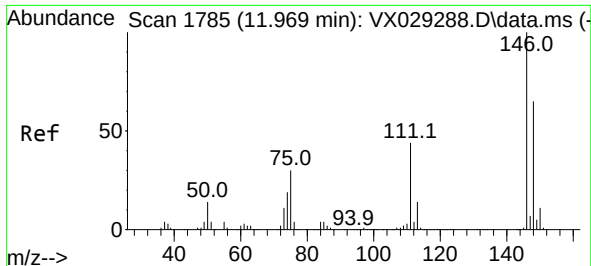
Tgt Ion:105 Resp: 333768
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 22.345 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX029287.D
 Acq: 07 Jun 2022 20:05

Tgt Ion:119 Resp: 277265
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 24.4 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 20.780 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX029287.D

Acq: 07 Jun 2022 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

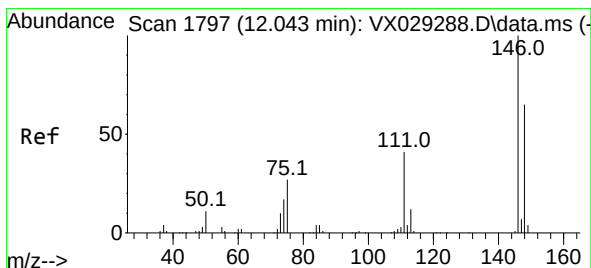
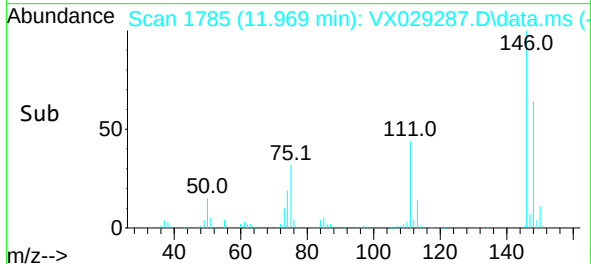
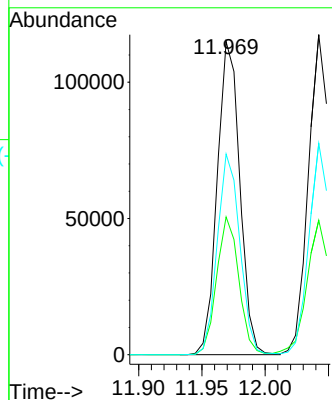
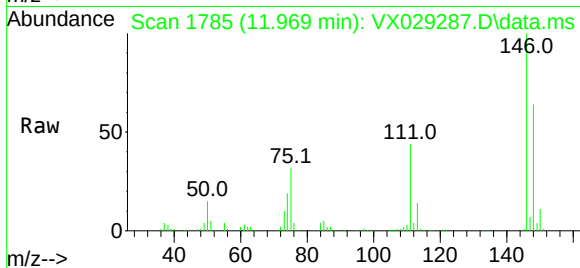
Tgt Ion:146 Resp: 142512

Ion Ratio Lower Upper

146 100

111 43.4 19.7 59.1

148 64.2 31.6 94.7



#88

1,4-Dichlorobenzene

Concen: 20.303 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX029287.D

Acq: 07 Jun 2022 20:05

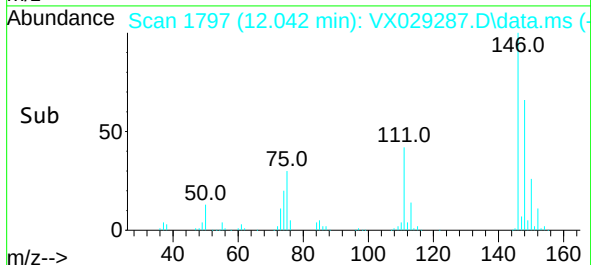
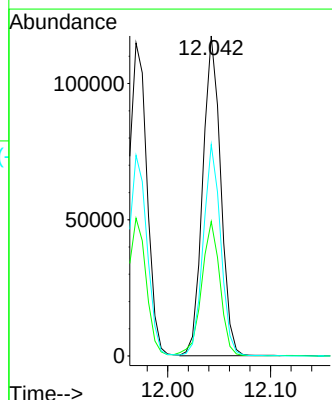
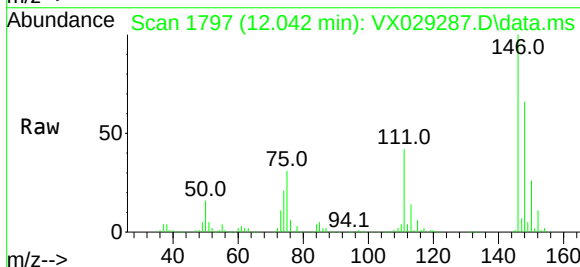
Tgt Ion:146 Resp: 143275

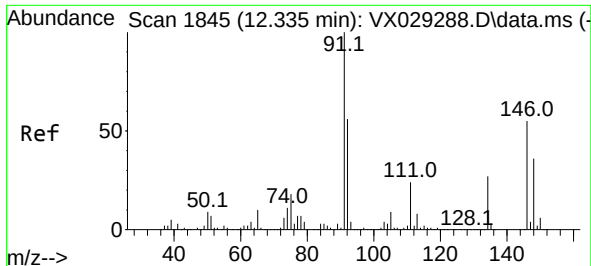
Ion Ratio Lower Upper

146 100

111 42.8 19.2 57.6

148 64.5 32.3 96.9





#89

n-Butylbenzene

Concen: 22.788 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX029287.D

Acq: 07 Jun 2022 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

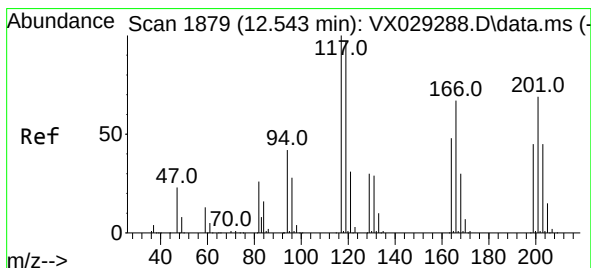
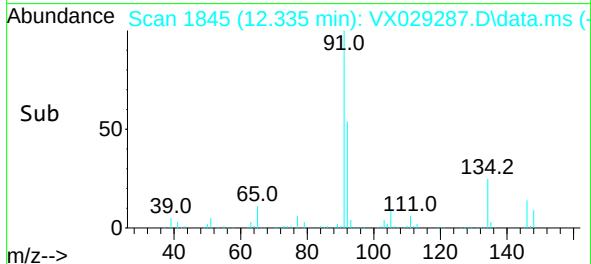
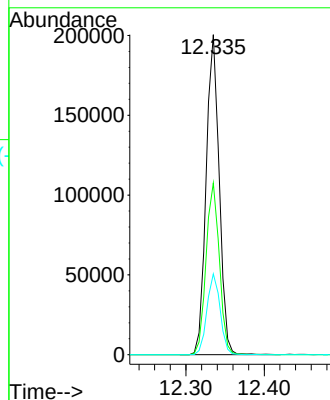
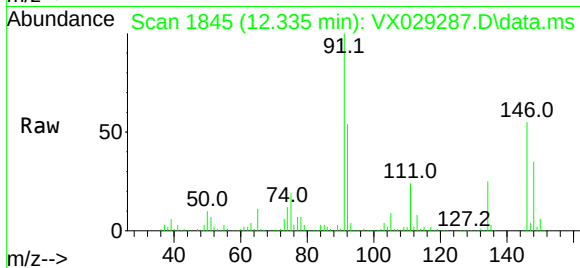
Tgt Ion: 91 Resp: 231516

Ion Ratio Lower Upper

91 100

92 54.7 27.8 83.3

134 25.4 13.3 39.8



#90

Hexachloroethane

Concen: 18.798 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VX029287.D

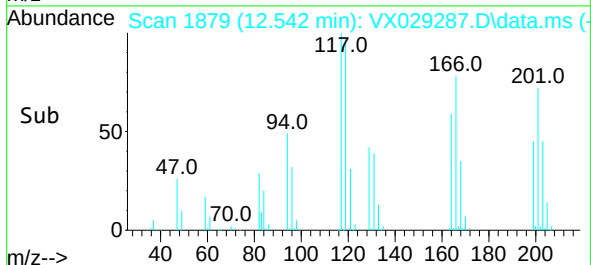
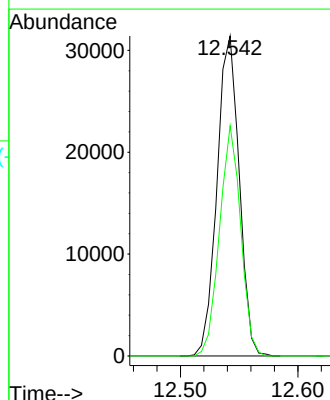
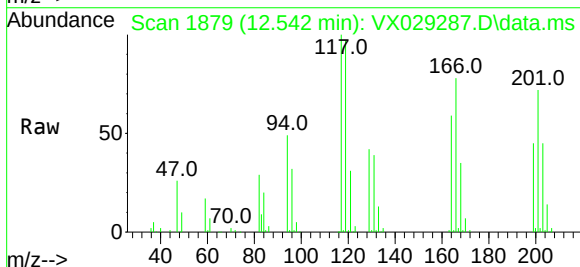
Acq: 07 Jun 2022 20:05

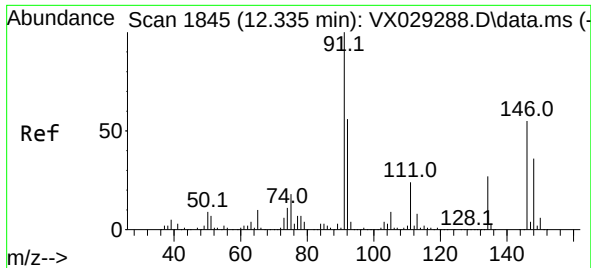
Tgt Ion: 117 Resp: 41327

Ion Ratio Lower Upper

117 100

201 68.5 39.5 118.5

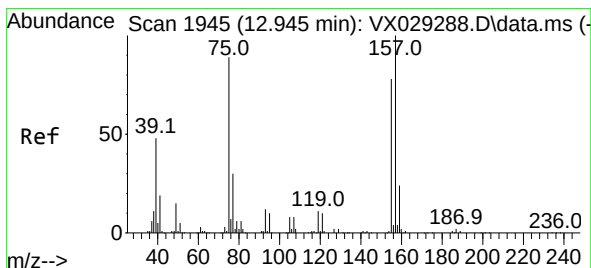
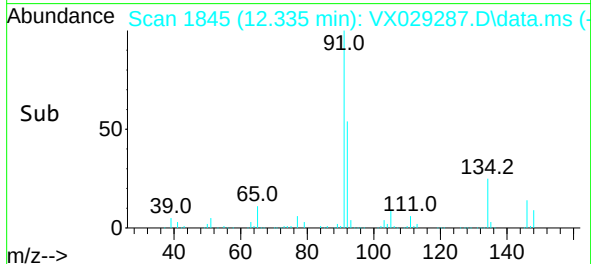
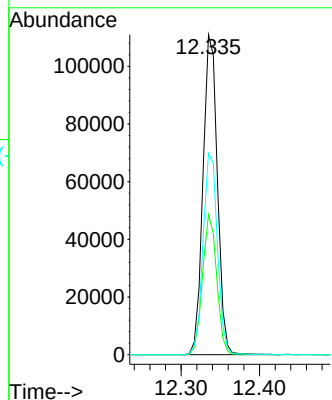
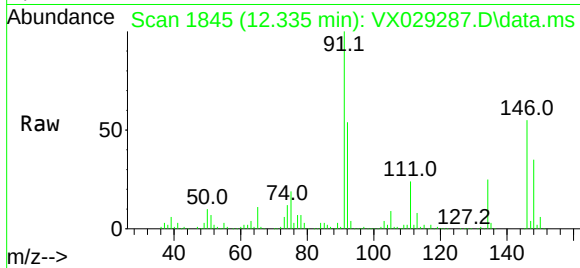




#91
1,2-Dichlorobenzene
Concen: 20.940 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX029287.D
Acq: 07 Jun 2022 20:05

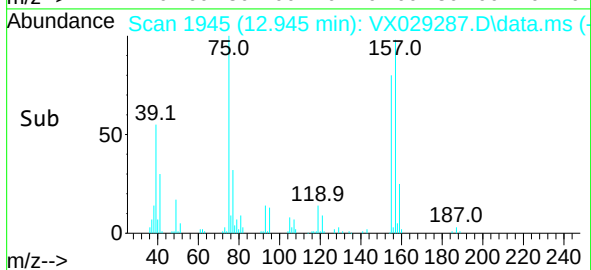
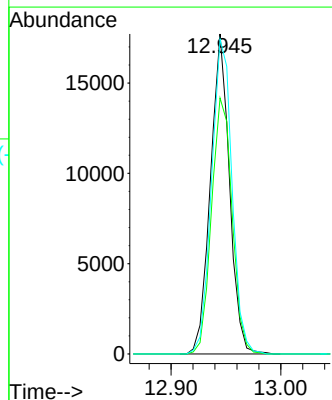
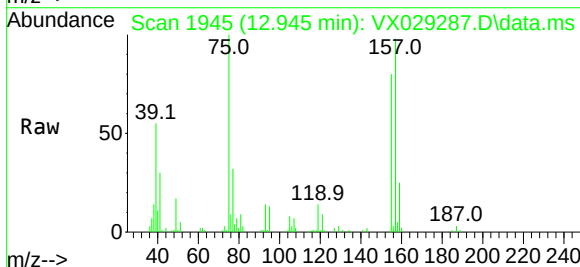
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

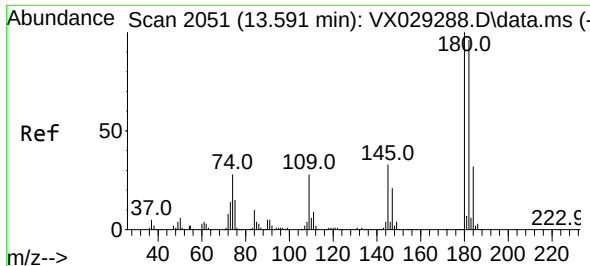
Tgt Ion:146 Resp: 141613
Ion Ratio Lower Upper
146 100
111 43.3 21.0 63.0
148 63.2 32.6 97.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.666 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX029287.D
Acq: 07 Jun 2022 20:05

Tgt Ion: 75 Resp: 21401
Ion Ratio Lower Upper
75 100
155 86.4 47.0 141.2
157 105.4 57.9 173.6

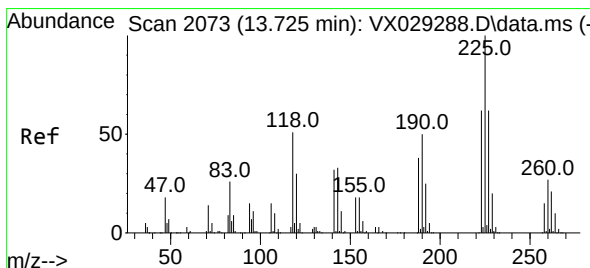
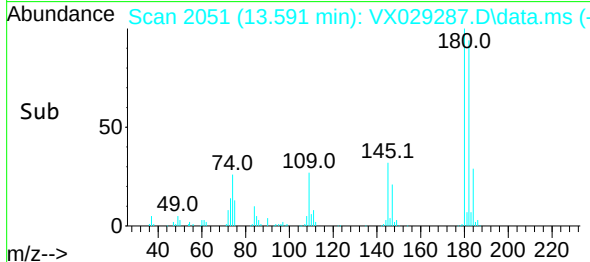
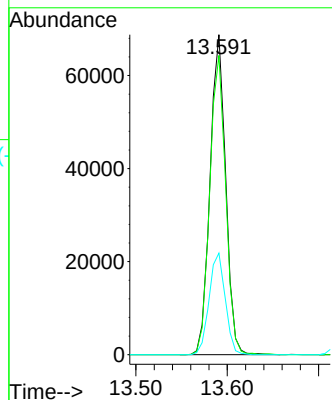
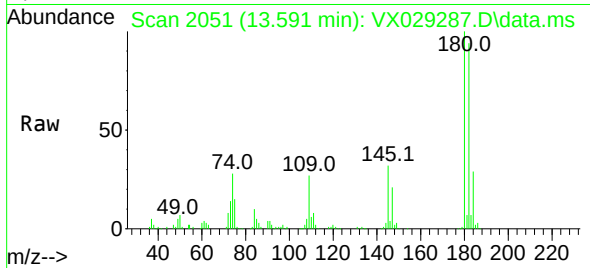




#93
1,2,4-Trichlorobenzene
Concen: 19.408 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX029287.D
Acq: 07 Jun 2022 20:05

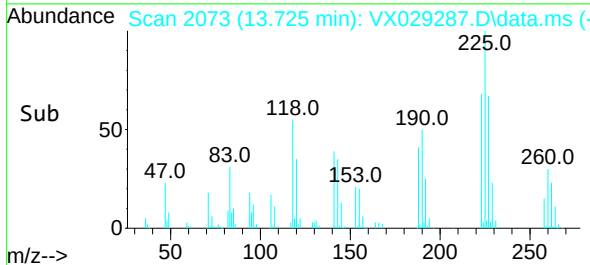
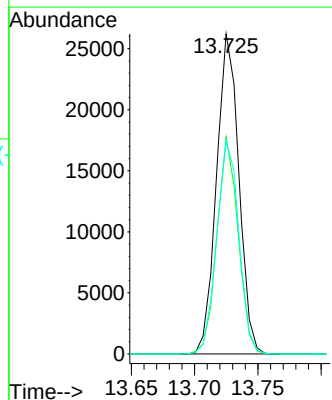
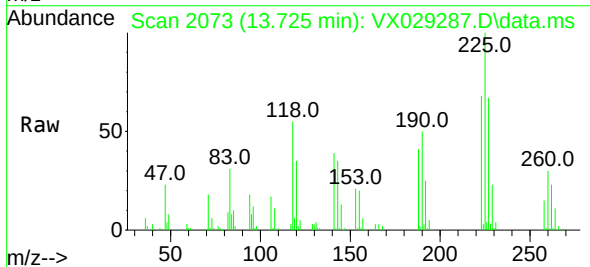
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

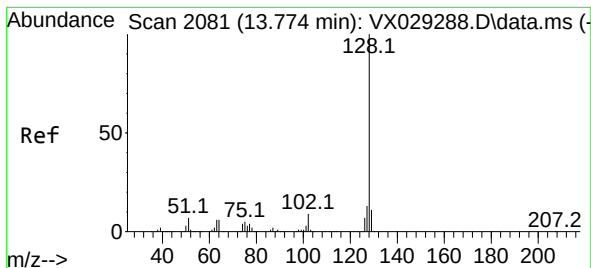
Tgt Ion:180 Resp: 81406
Ion Ratio Lower Upper
180 100
182 95.2 47.7 143.1
145 32.8 15.2 45.5



#94
Hexachlorobutadiene
Concen: 16.970 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX029287.D
Acq: 07 Jun 2022 20:05

Tgt Ion:225 Resp: 32128
Ion Ratio Lower Upper
225 100
223 64.1 34.2 102.5
227 66.2 33.9 101.7





#95

Naphthalene

Concen: 21.615 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX029287.D

Acq: 07 Jun 2022 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

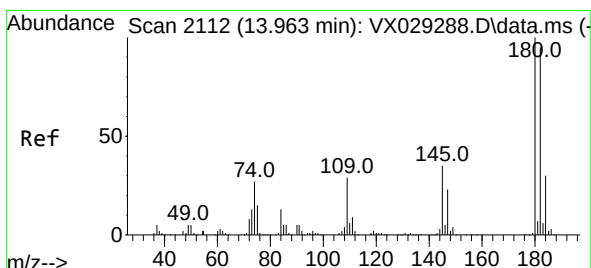
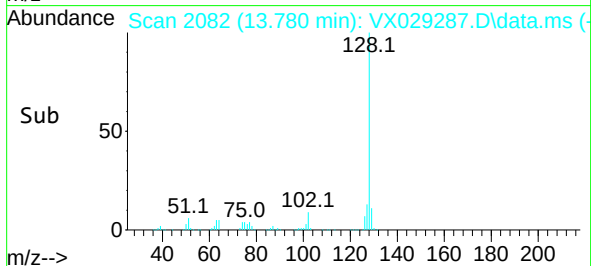
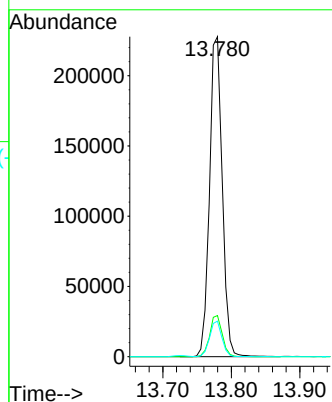
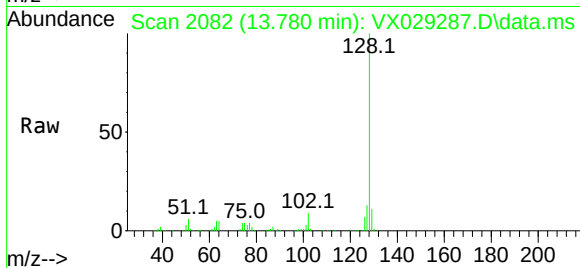
Tgt Ion:128 Resp: 294667

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.803 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX029287.D

Acq: 07 Jun 2022 20:05

Tgt Ion:180 Resp: 81944

Ion Ratio Lower Upper

180 100

182 94.2 50.0 149.8

145 34.9 16.2 48.5

