

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043920.D
 Acq On : 20 Nov 2024 18:06
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 21 05:49:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 05:45:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	183453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	321198	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112869	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	271856	96.476	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 192.960%#	
35) Dibromofluoromethane	5.385	113	222540	103.183	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 206.360%#	
50) Toluene-d8	8.647	98	761128	105.635	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 211.280%#	
62) 4-Bromofluorobenzene	11.079	95	234670	98.564	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 197.120%#	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.166	85	204176	109.991	ug/l 96
3) Chloromethane	1.294	50	239080	103.052	ug/l 100
4) Vinyl Chloride	1.374	62	245945	105.513	ug/l 99
5) Bromomethane	1.593	94	107441	101.472	ug/l 99
6) Chloroethane	1.660	64	95034	85.361	ug/l 98
7) Trichlorofluoromethane	1.861	101	345895	104.085	ug/l 97
8) Diethyl Ether	2.136	74	126760	101.175	ug/l 99
9) 1,1,2-Trichlorotrifluo...	2.313	101	206369	104.933	ug/l 98
10) Methyl Iodide	2.441	142	275807	99.647	ug/l 99
11) Tert butyl alcohol	3.008	59	222479	496.504	ug/l 100
12) 1,1-Dichloroethene	2.306	96	206230	108.044	ug/l 99
13) Acrolein	2.239	56	254517	506.470	ug/l 100
14) Allyl chloride	2.654	41	334952	108.235	ug/l 99
15) Acrylonitrile	3.069	53	582177	504.716	ug/l 100
16) Acetone	2.392	43	540169	477.278	ug/l 99
17) Carbon Disulfide	2.502	76	469040	112.541	ug/l 100
18) Methyl Acetate	2.703	43	303699	97.989	ug/l 98
19) Methyl tert-butyl Ether	3.117	73	711532	100.852	ug/l 98
20) Methylene Chloride	2.782	84	230591	97.337	ug/l 96
21) trans-1,2-Dichloroethene	3.081	96	213948	102.812	ug/l 99
22) Diisopropyl ether	3.764	45	669701	99.052	ug/l 99
23) Vinyl Acetate	3.721	43	2925729	533.875	ug/l 100
24) 1,1-Dichloroethane	3.599	63	401782	101.043	ug/l 99
25) 2-Butanone	4.562	43	795265	502.295	ug/l 99
26) 2,2-Dichloropropane	4.465	77	341462	104.497	ug/l 99
27) cis-1,2-Dichloroethene	4.483	96	265044	102.347	ug/l 99
28) Bromochloromethane	4.891	49	161087	96.277	ug/l 99
29) Tetrahydrofuran	5.007	42	514205	502.612	ug/l 99
30) Chloroform	5.086	83	412470	99.513	ug/l 96
31) Cyclohexane	5.464	56	322690	100.127	ug/l 99
32) 1,1,1-Trichloroethane	5.379	97	372771	105.203	ug/l 99
36) 1,1-Dichloropropene	5.684	75	272788	101.485	ug/l 98
37) Ethyl Acetate	4.715	43	310250	101.570	ug/l 99
38) Carbon Tetrachloride	5.666	117	309471	108.748	ug/l 97
39) Methylcyclohexane	7.373	83	361545	107.443	ug/l 97
40) Benzene	6.031	78	868520	102.771	ug/l 97

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 ClientSampleId :
 VSTDICC100

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	169762	107.684	ug/l	98
42) 1,2-Dichloroethane	6.080	62	310500	101.187	ug/l	99
43) Isopropyl Acetate	6.342	43	513183	107.534	ug/l	98
44) Trichloroethene	7.123	130	224024	96.157	ug/l	96
45) 1,2-Dichloropropane	7.428	63	213436	103.048	ug/l	99
46) Dibromomethane	7.580	93	164766	105.566	ug/l	99
47) Bromodichloromethane	7.818	83	303422	110.645	ug/l	97
48) Methyl methacrylate	7.690	41	243421	102.910	ug/l	98
49) 1,4-Dioxane	7.665	88	107845	2146.814	ug/l #	97
51) 4-Methyl-2-Pentanone	8.574	43	1537994	516.861	ug/l	100
52) Toluene	8.714	92	529584	108.621	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	324493	116.622	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	347624	110.250	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	189653	99.698	ug/l	97
56) Ethyl methacrylate	9.116	69	353905	117.501	ug/l	98
57) 1,3-Dichloropropane	9.305	76	301590	94.632	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	839649	531.589	ug/l	99
59) 2-Hexanone	9.433	43	1082585	515.644	ug/l	94
60) Dibromochloromethane	9.519	129	203305	109.680	ug/l	100
61) 1,2-Dibromoethane	9.610	107	194070	97.805	ug/l	99
64) Tetrachloroethene	9.269	164	152176	105.950	ug/l	99
65) Chlorobenzene	10.079	112	477240	102.030	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	168854	108.470	ug/l	98
67) Ethyl Benzene	10.189	91	835156	106.097	ug/l	98
68) m/p-Xylenes	10.299	106	629273	214.626	ug/l	97
69) o-Xylene	10.640	106	313286	109.513	ug/l	97
70) Styrene	10.653	104	533689	113.199	ug/l	97
71) Bromoform	10.799	173	132185	104.909	ug/l #	100
73) Isopropylbenzene	10.963	105	833683	103.478	ug/l	99
74) N-amyl acetate	10.842	43	417705	98.403	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	280715	103.052	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	320448	139.117	ug/l	81
77) Bromobenzene	11.195	156	205320	103.983	ug/l	99
78) n-propylbenzene	11.305	91	962345	108.255	ug/l	99
79) 2-Chlorotoluene	11.366	91	584523	103.338	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	696948	104.362	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	92899	96.440	ug/l	95
82) 4-Chlorotoluene	11.451	91	673564	103.398	ug/l	99
83) tert-Butylbenzene	11.713	119	703611	102.998	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	711519	104.913	ug/l	100
85) sec-Butylbenzene	11.890	105	863027	105.793	ug/l	100
86) p-Isopropyltoluene	12.006	119	736430	107.512	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	379956	103.829	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	373828	99.643	ug/l	99
89) n-Butylbenzene	12.329	91	710224	121.685	ug/l	99
90) Hexachloroethane	12.536	117	150598	108.948	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	413278	107.867	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	74962	107.207	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	280845	125.427	ug/l	100
94) Hexachlorobutadiene	13.725	225	104142	113.491	ug/l	98
95) Naphthalene	13.774	128	1019883	122.159	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	282947	121.285	ug/l	99

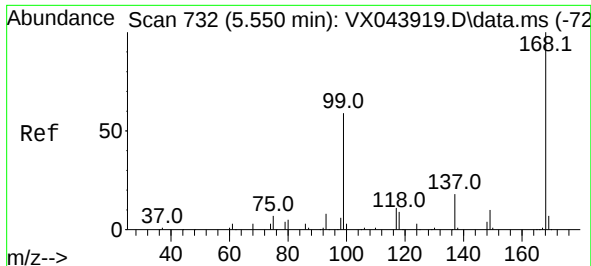
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
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Quant Title : SW846 8260
QLast Update : Thu Nov 21 05:45:57 2024
Response via : Initial Calibration

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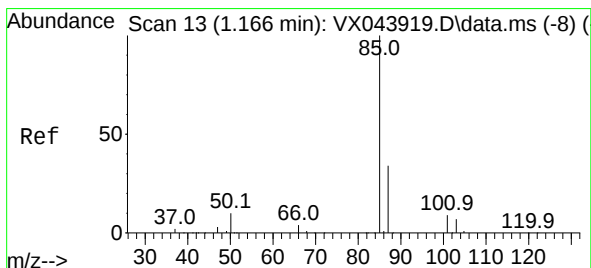
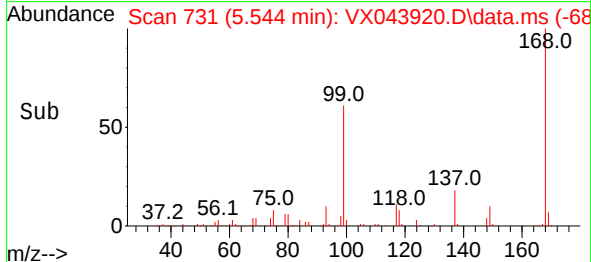
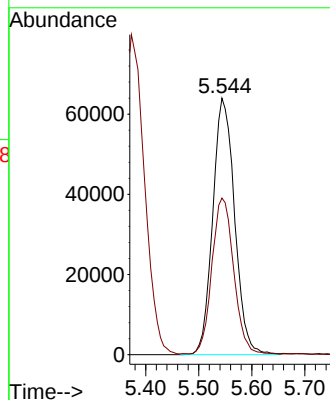
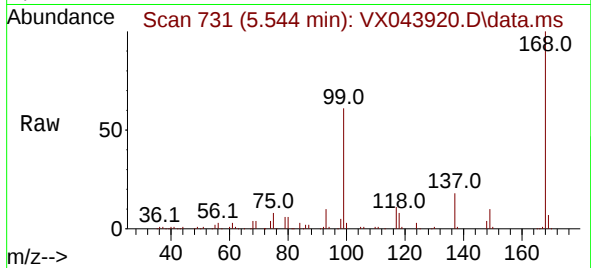
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX043920.D
Acq: 20 Nov 2024 18:06

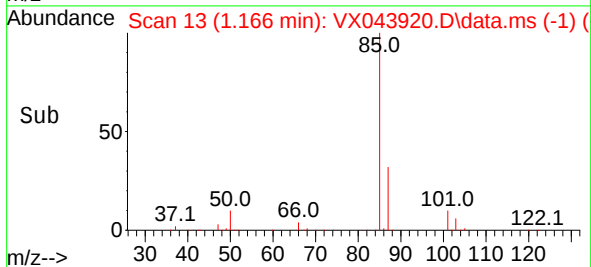
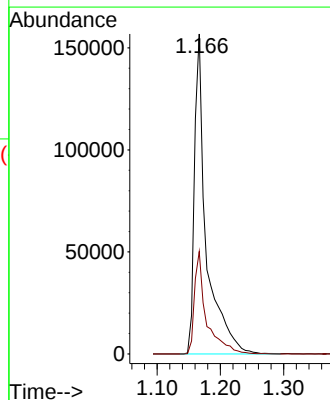
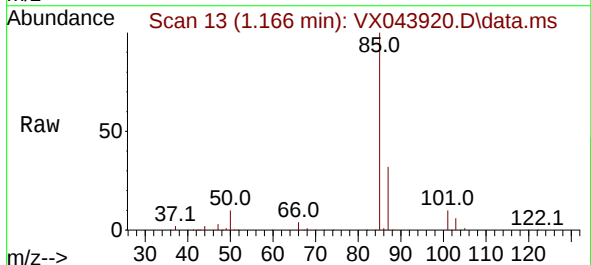
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

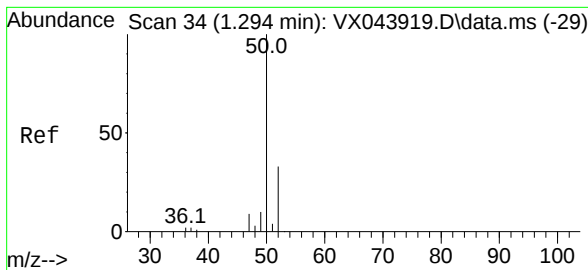
Tgt Ion:168 Resp: 183453
Ion Ratio Lower Upper
168 100
99 60.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 109.991 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX043920.D
Acq: 20 Nov 2024 18:06

Tgt Ion: 85 Resp: 204176
Ion Ratio Lower Upper
85 100
87 32.0 17.1 51.2

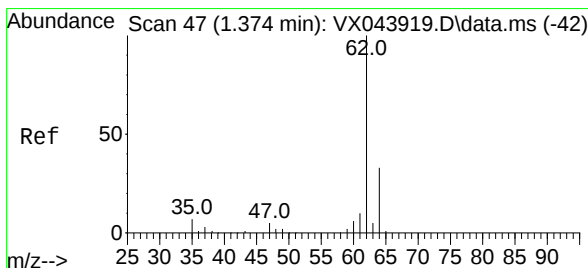
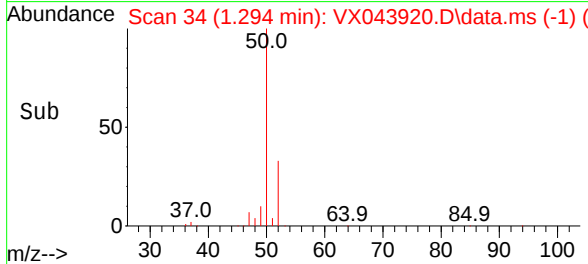
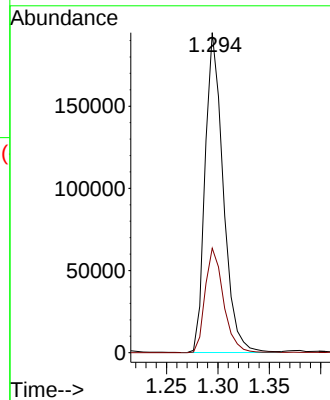
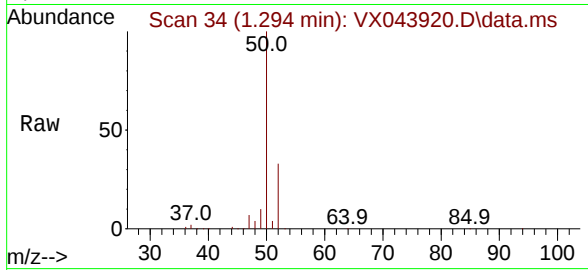




#3
Chloromethane
Concen: 103.052 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX043920.D
Acq: 20 Nov 2024 18:06

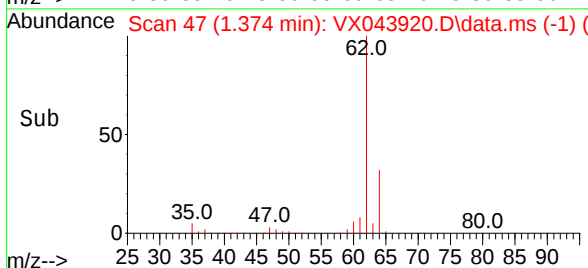
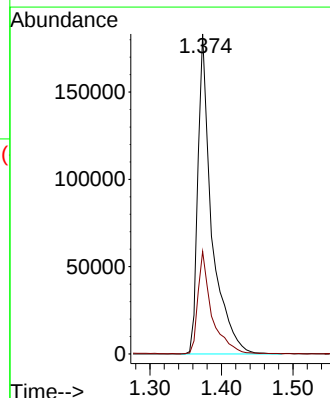
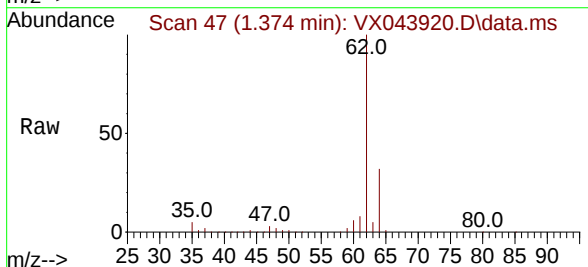
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

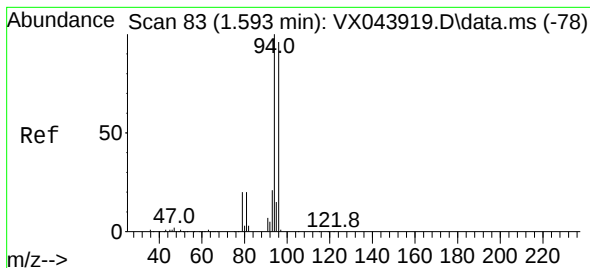
Tgt Ion: 50 Resp: 239080
Ion Ratio Lower Upper
50 100
52 32.7 26.2 39.2



#4
Vinyl Chloride
Concen: 105.513 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX043920.D
Acq: 20 Nov 2024 18:06

Tgt Ion: 62 Resp: 245945
Ion Ratio Lower Upper
62 100
64 32.0 26.1 39.1





#5

Bromomethane

Concen: 101.472 ug/l

RT: 1.593 min Scan# 83

Delta R.T. 0.000 min

Lab File: VX043920.D

Acq: 20 Nov 2024 18:06

Instrument :

MSVOA_X

ClientSampleId :

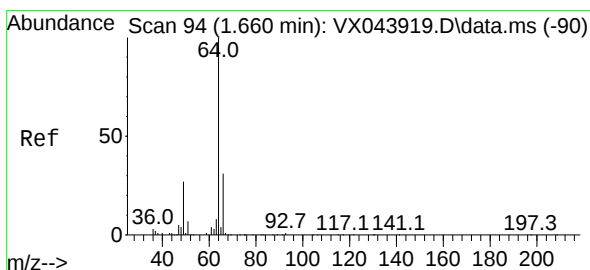
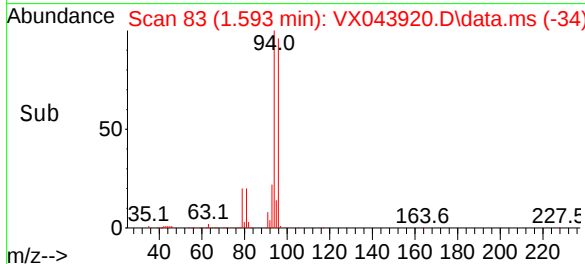
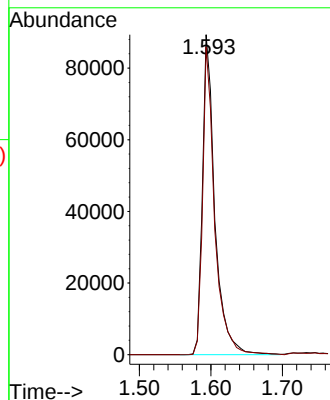
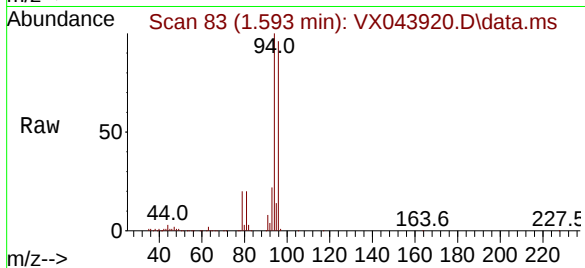
VSTDICC100

Tgt Ion: 94 Resp: 107441

Ion Ratio Lower Upper

94 100

96 96.2 76.5 114.7



#6

Chloroethane

Concen: 85.361 ug/l

RT: 1.660 min Scan# 94

Delta R.T. 0.000 min

Lab File: VX043920.D

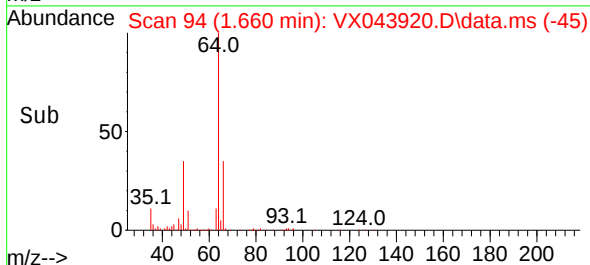
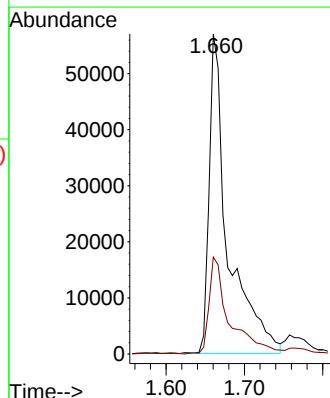
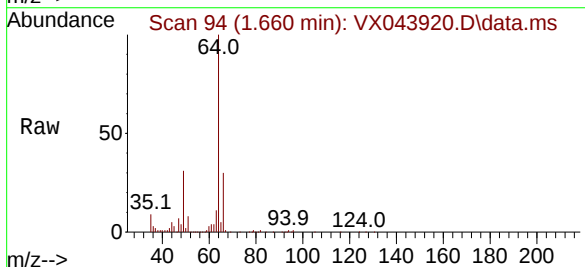
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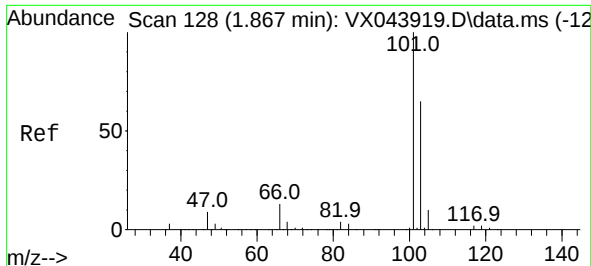
Tgt Ion: 64 Resp: 95034

Ion Ratio Lower Upper

64 100

66 30.2 24.9 37.3

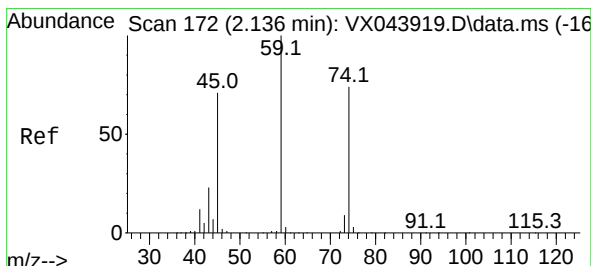
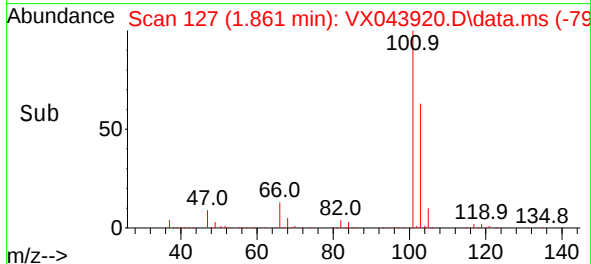
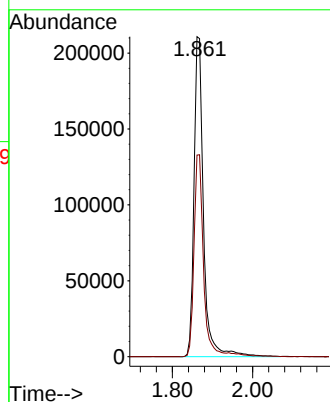
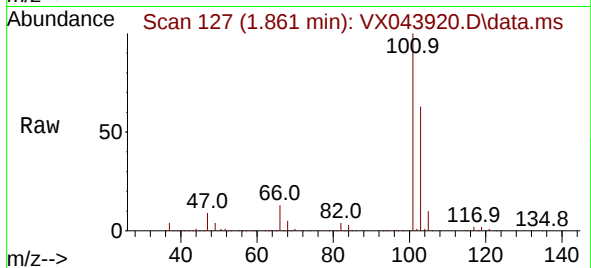




#7
 Trichlorofluoromethane
 Concen: 104.085 ug/l
 RT: 1.861 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX043920.D
 Acq: 20 Nov 2024 18:06

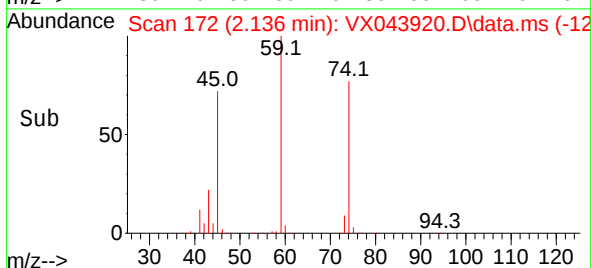
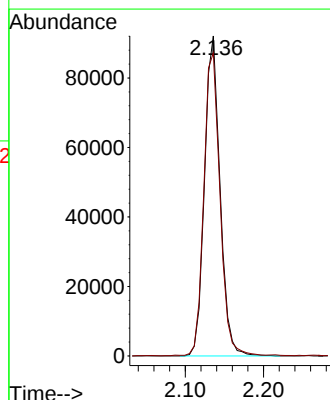
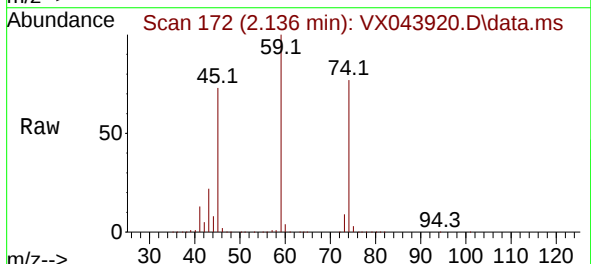
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

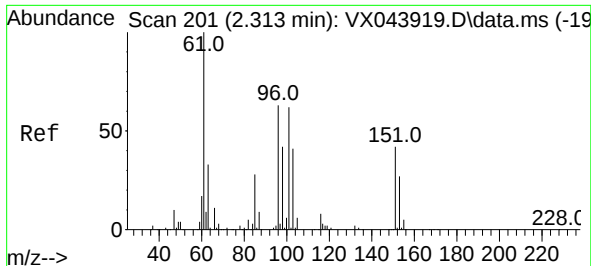
Tgt Ion:101 Resp: 345895
 Ion Ratio Lower Upper
 101 100
 103 63.0 52.2 78.4



#8
 Diethyl Ether
 Concen: 101.175 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX043920.D
 Acq: 20 Nov 2024 18:06

Tgt Ion: 74 Resp: 126760
 Ion Ratio Lower Upper
 74 100
 45 98.6 49.9 149.6

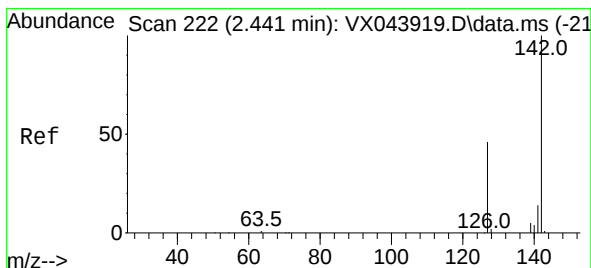
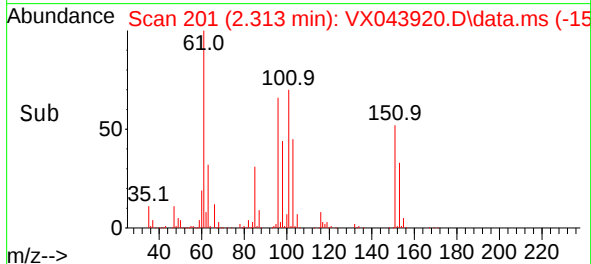
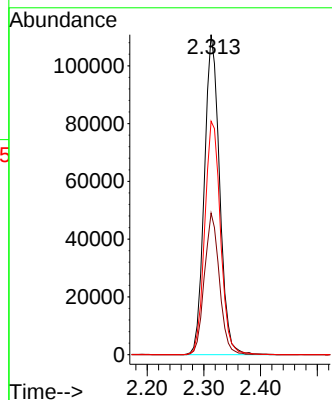
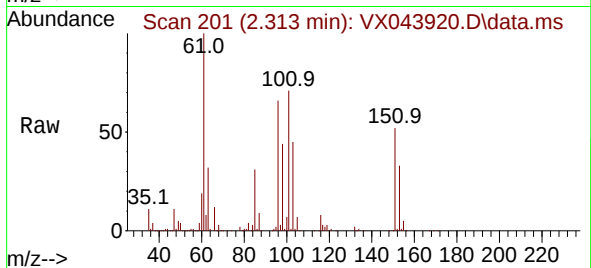




#9
1,1,2-Trichlorotrifluoroethane
Concen: 104.933 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX043920.D
Acq: 20 Nov 2024 18:06

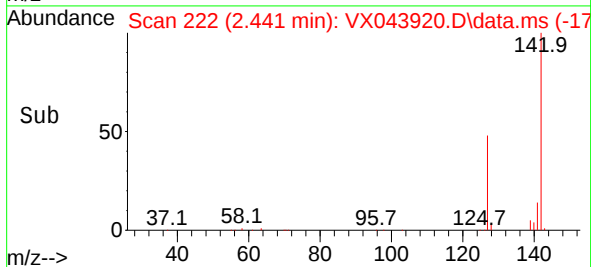
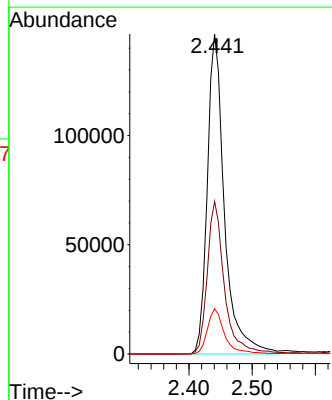
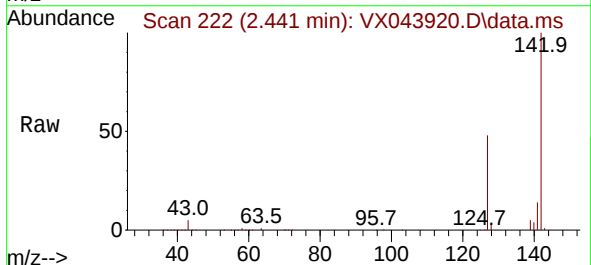
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

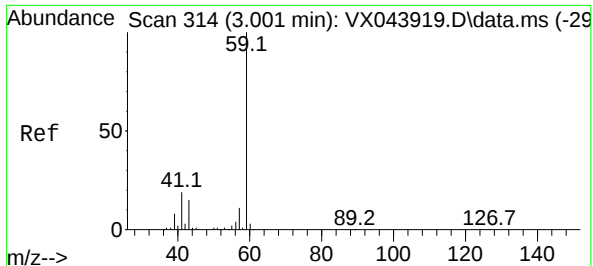
Tgt Ion:101 Resp: 206369
Ion Ratio Lower Upper
101 100
85 43.5 36.6 54.8
151 75.4 59.8 89.6



#10
Methyl Iodide
Concen: 99.647 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX043920.D
Acq: 20 Nov 2024 18:06

Tgt Ion:142 Resp: 275807
Ion Ratio Lower Upper
142 100
127 47.7 37.3 55.9
141 14.3 11.4 17.2





#11

Tert butyl alcohol

Concen: 496.504 ug/l

RT: 3.008 min Scan# 314

Delta R.T. 0.006 min

Lab File: VX043920.D

Acq: 20 Nov 2024 18:06

Instrument :

MSVOA_X

ClientSampleId :

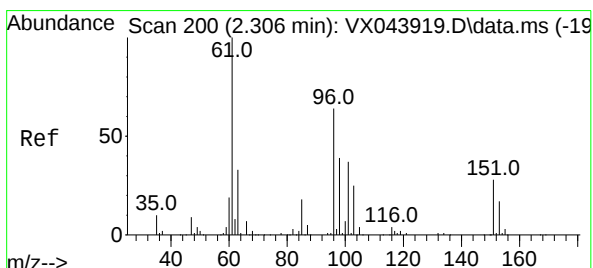
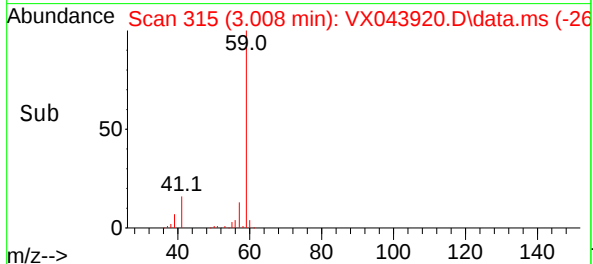
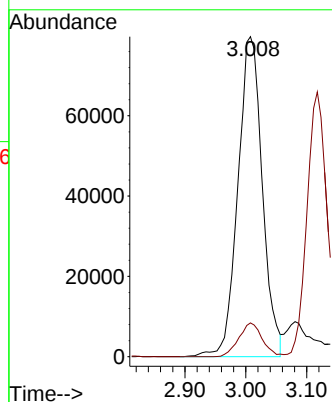
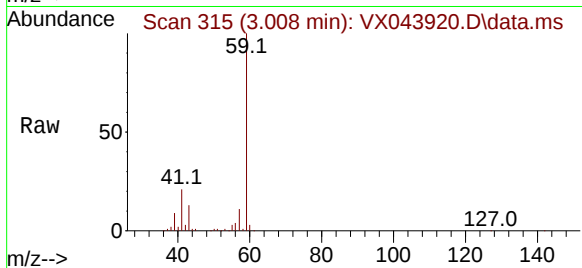
VSTDIC100

Tgt Ion: 59 Resp: 222479

Ion Ratio Lower Upper

59 100

57 10.2 8.2 12.4



#12

1,1-Dichloroethene

Concen: 108.044 ug/l

RT: 2.306 min Scan# 200

Delta R.T. 0.000 min

Lab File: VX043920.D

Acq: 20 Nov 2024 18:06

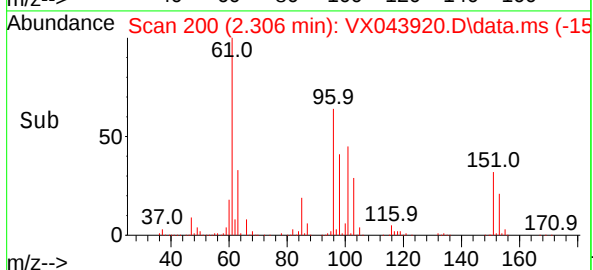
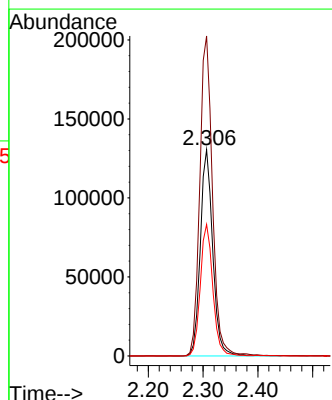
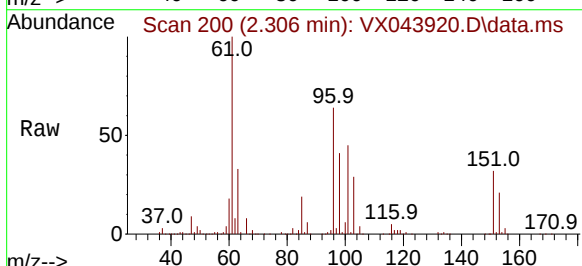
Tgt Ion: 96 Resp: 206230

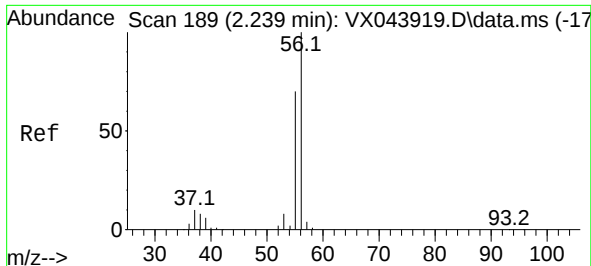
Ion Ratio Lower Upper

96 100

61 155.2 124.6 187.0

98 63.8 49.0 73.6





#13

Acrolein

Concen: 506.470 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX043920.D

Acq: 20 Nov 2024 18:06

Instrument :

MSVOA_X

ClientSampleId :

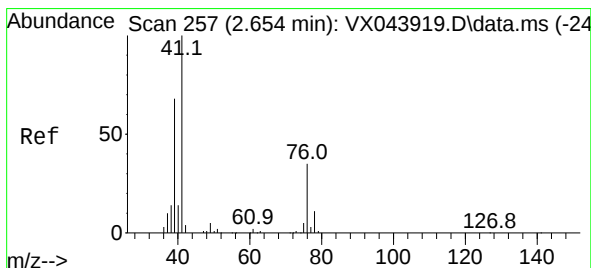
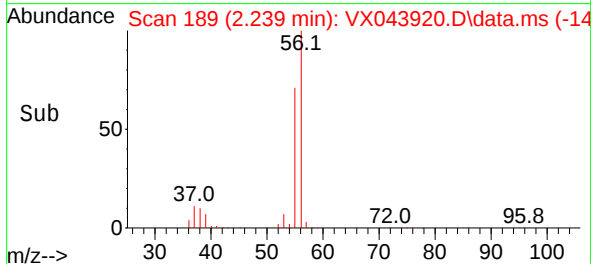
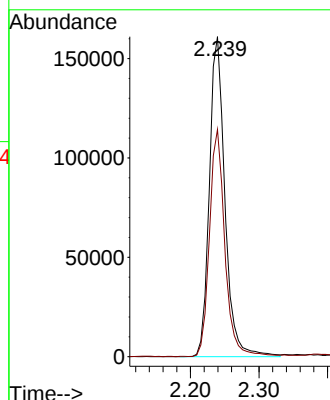
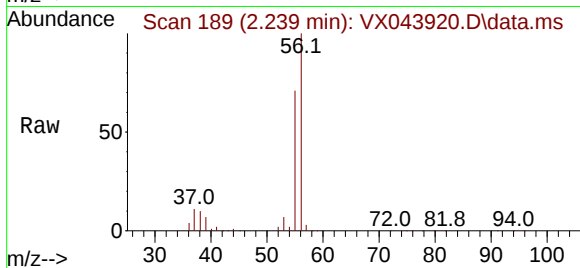
VSTDIC100

Tgt Ion: 56 Resp: 254517

Ion Ratio Lower Upper

56 100

55 70.4 56.1 84.1



#14

Allyl chloride

Concen: 108.235 ug/l

RT: 2.654 min Scan# 257

Delta R.T. 0.000 min

Lab File: VX043920.D

Acq: 20 Nov 2024 18:06

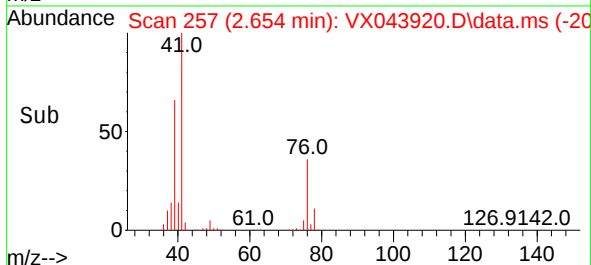
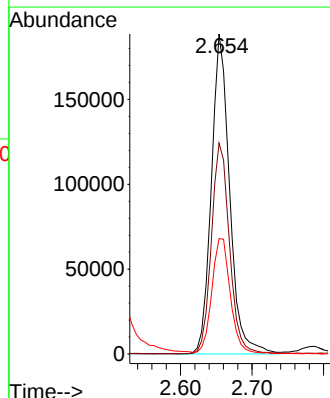
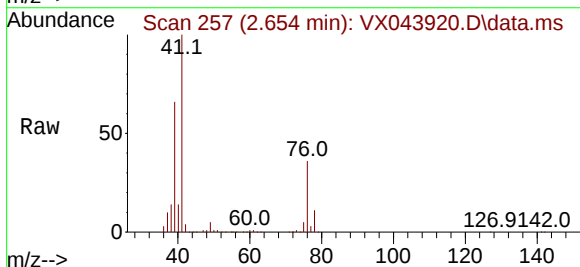
Tgt Ion: 41 Resp: 334952

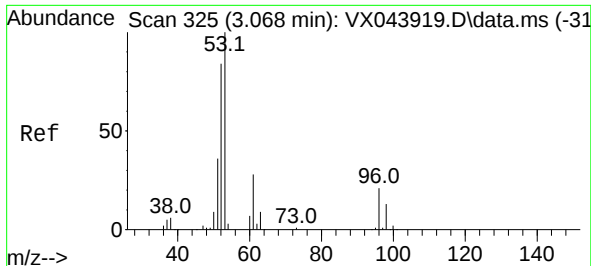
Ion Ratio Lower Upper

41 100

39 65.1 51.7 77.5

76 36.5 28.2 42.2





#15

Acrylonitrile

Concen: 504.716 ug/l

RT: 3.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX043920.D

Acq: 20 Nov 2024 18:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

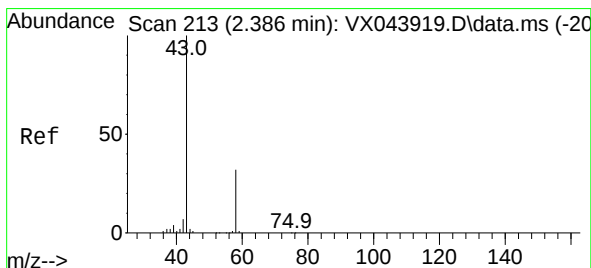
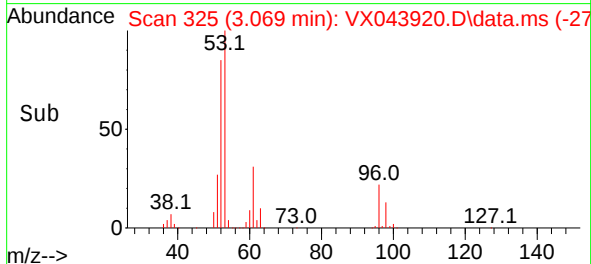
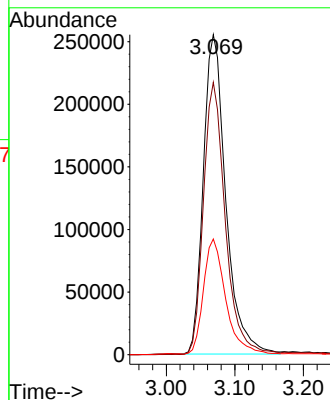
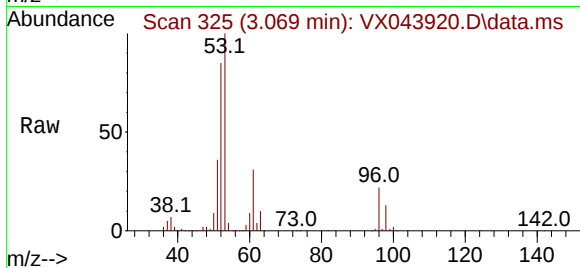
Tgt Ion: 53 Resp: 582177

Ion Ratio Lower Upper

53 100

52 82.8 65.8 98.8

51 35.5 28.6 42.8



#16

Acetone

Concen: 477.278 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX043920.D

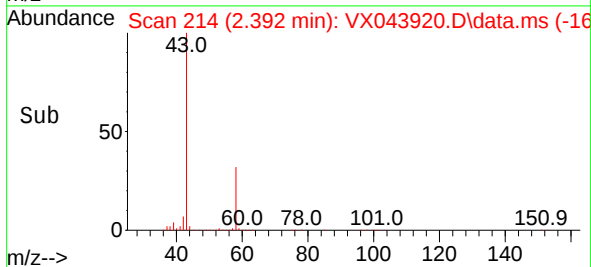
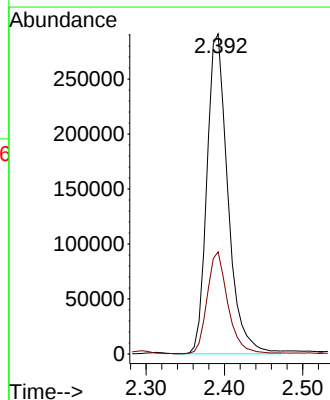
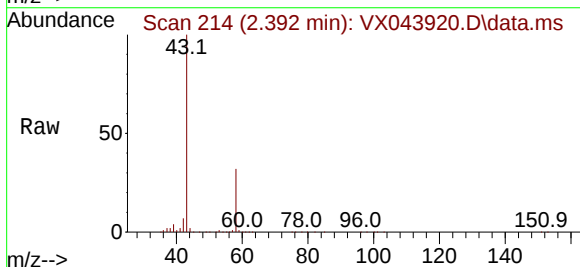
Acq: 20 Nov 2024 18:06

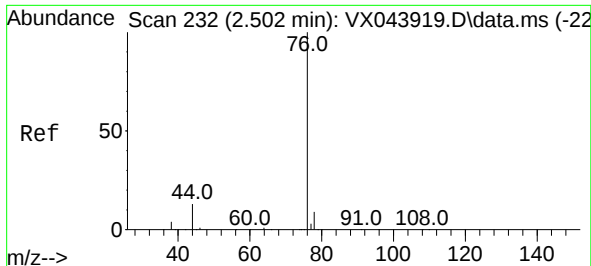
Tgt Ion: 43 Resp: 540169

Ion Ratio Lower Upper

43 100

58 31.8 25.8 38.6

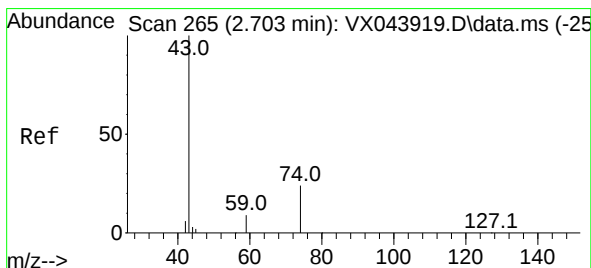
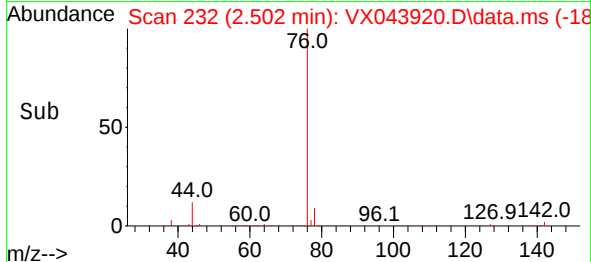
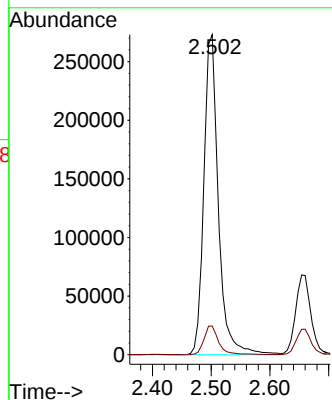
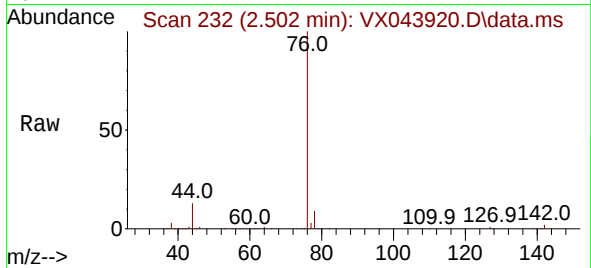




#17
Carbon Disulfide
Concen: 112.541 ug/l
RT: 2.502 min Scan# 241
Delta R.T. 0.000 min
Lab File: VX043920.D
Acq: 20 Nov 2024 18:06

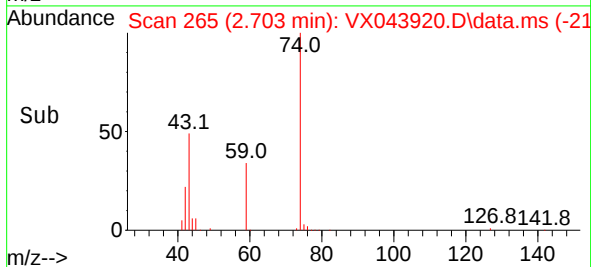
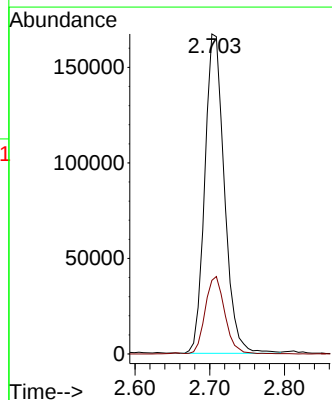
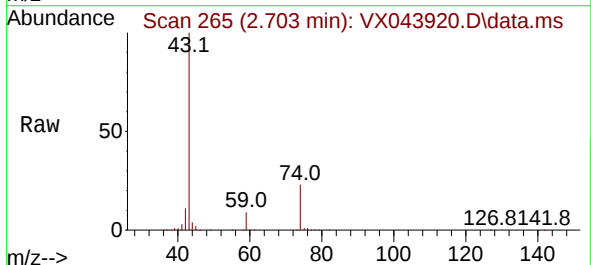
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

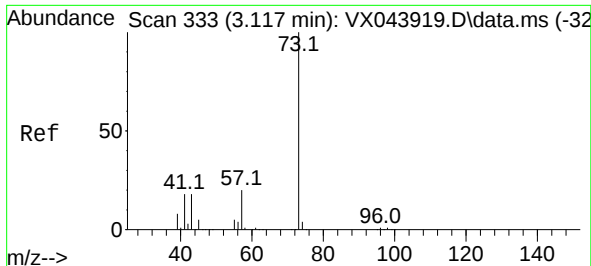
Tgt Ion: 76 Resp: 469040
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 97.989 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX043920.D
Acq: 20 Nov 2024 18:06

Tgt Ion: 43 Resp: 303699
Ion Ratio Lower Upper
43 100
74 24.1 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 100.852 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX043920.D

Acq: 20 Nov 2024 18:06

Instrument :

MSVOA_X

ClientSampleId :

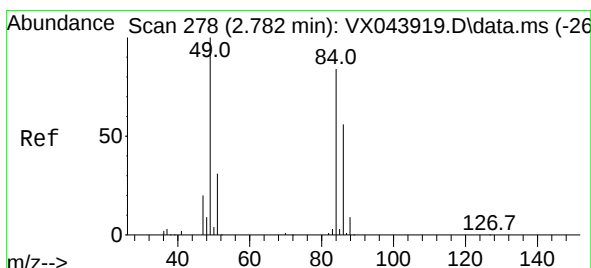
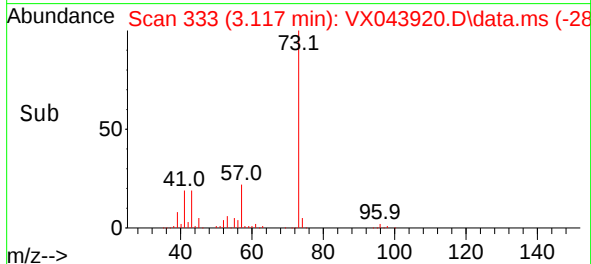
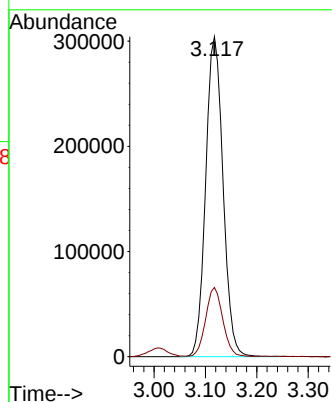
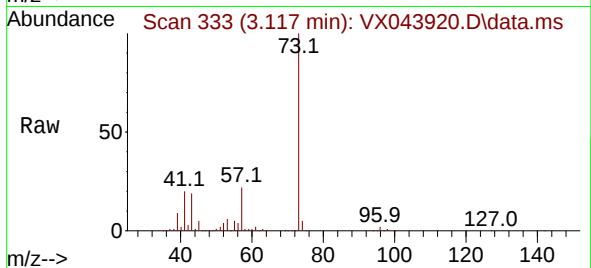
VSTDIC100

Tgt Ion: 73 Resp: 711532

Ion Ratio Lower Upper

73 100

57 21.6 16.4 24.6



#20

Methylene Chloride

Concen: 97.337 ug/l

RT: 2.782 min Scan# 278

Delta R.T. 0.000 min

Lab File: VX043920.D

Acq: 20 Nov 2024 18:06

Tgt Ion: 84 Resp: 230591

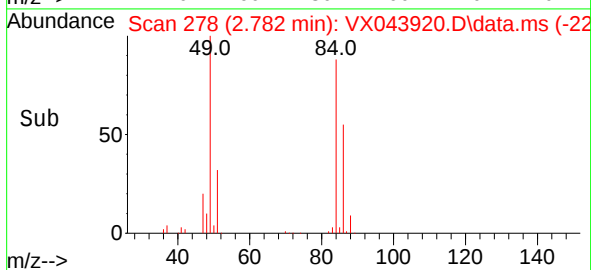
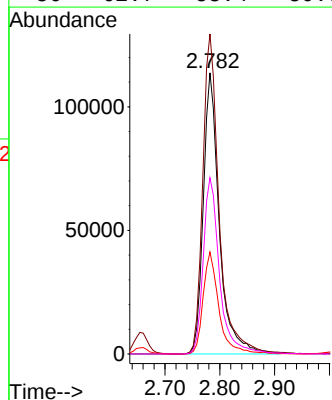
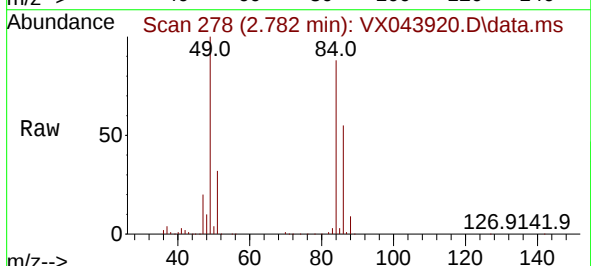
Ion Ratio Lower Upper

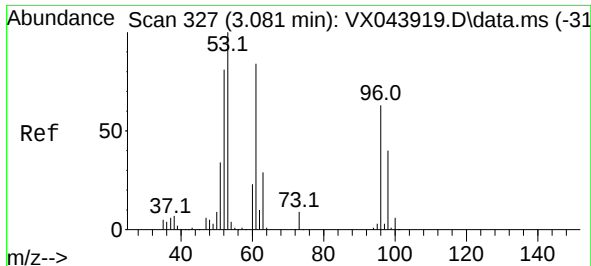
84 100

49 113.8 95.1 142.7

51 36.2 29.2 43.8

86 62.7 53.4 80.0

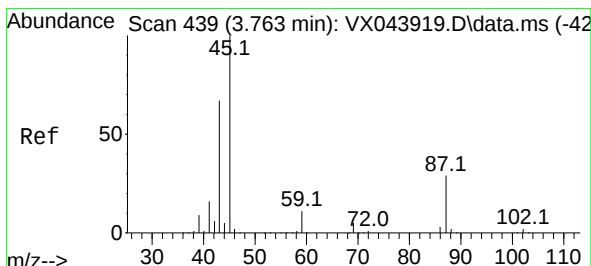
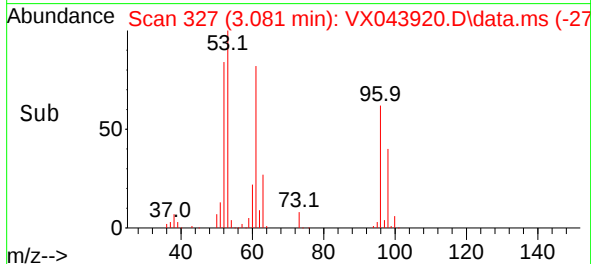
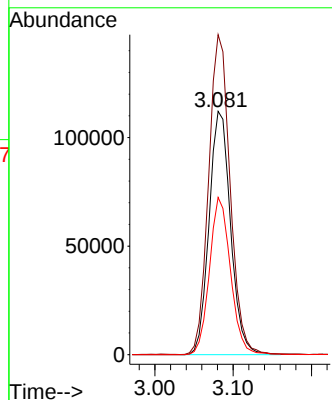
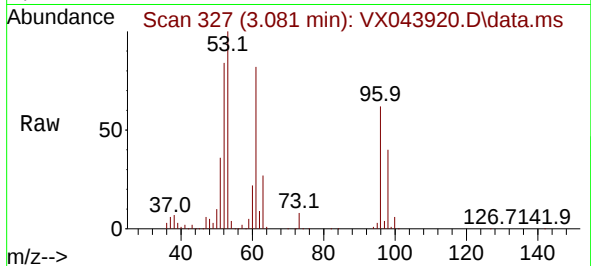




#21
trans-1,2-Dichloroethene
Concen: 102.812 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX043920.D
Acq: 20 Nov 2024 18:06

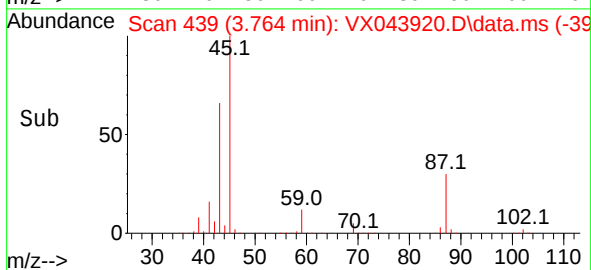
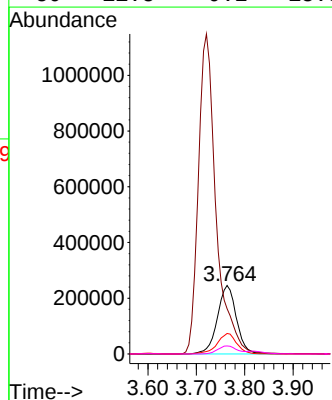
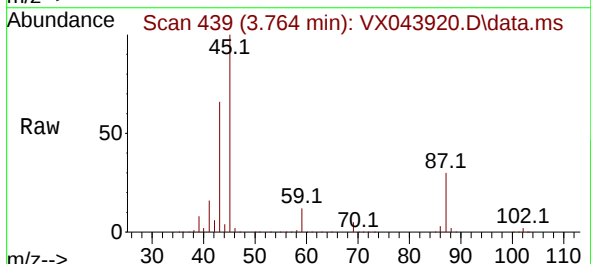
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

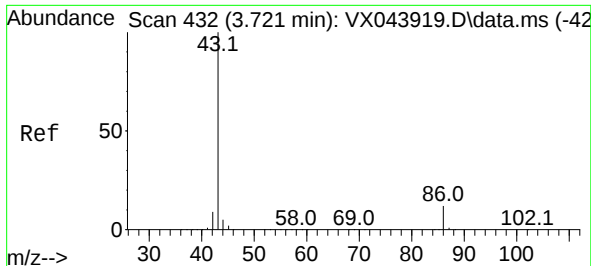
Tgt Ion: 96 Resp: 213948
Ion Ratio Lower Upper
96 100
61 131.4 106.4 159.6
98 64.6 50.9 76.3



#22
Diisopropyl ether
Concen: 99.052 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX043920.D
Acq: 20 Nov 2024 18:06

Tgt Ion: 45 Resp: 669701
Ion Ratio Lower Upper
45 100
43 66.0 53.8 80.6
87 29.8 23.4 35.2
59 11.8 9.2 13.8

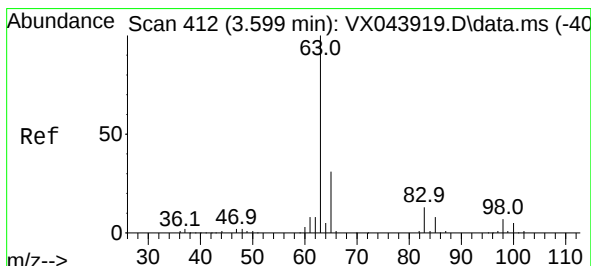
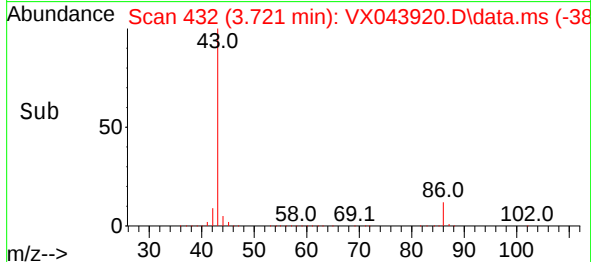
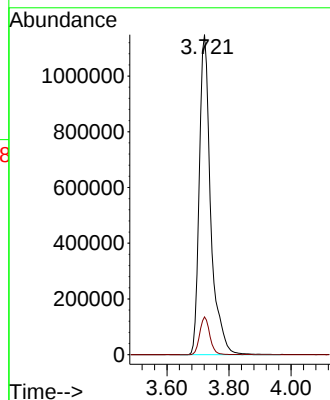
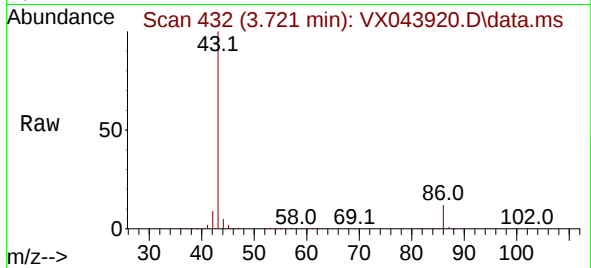




#23
 Vinyl Acetate
 Concen: 533.875 ug/l
 RT: 3.721 min Scan# 412
 Delta R.T. 0.000 min
 Lab File: VX043920.D
 Acq: 20 Nov 2024 18:06

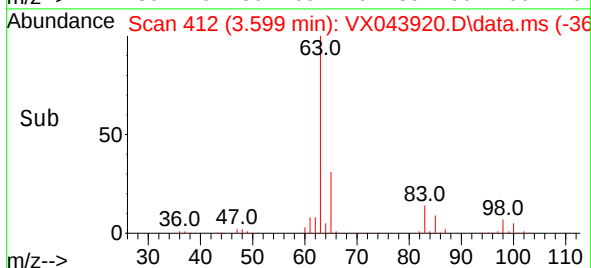
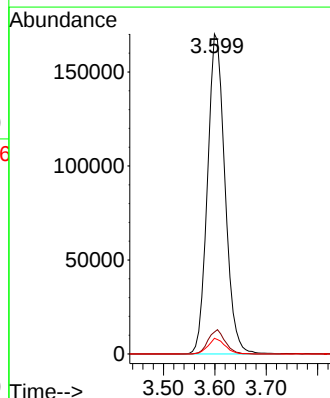
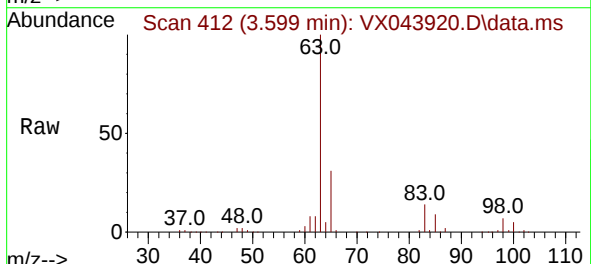
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

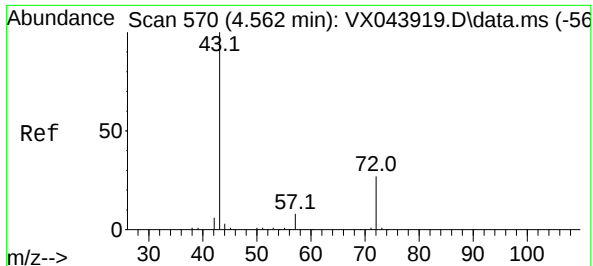
Tgt Ion: 43 Resp: 2925729
 Ion Ratio Lower Upper
 43 100
 86 11.8 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 101.043 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. 0.000 min
 Lab File: VX043920.D
 Acq: 20 Nov 2024 18:06

Tgt Ion: 63 Resp: 401782
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.7 11.1
 100 4.9 2.4 7.2





#25

2-Butanone

Concen: 502.295 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX043920.D

Acq: 20 Nov 2024 18:06

Instrument :

MSVOA_X

ClientSampleId :

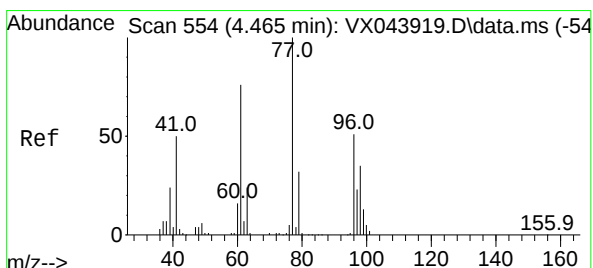
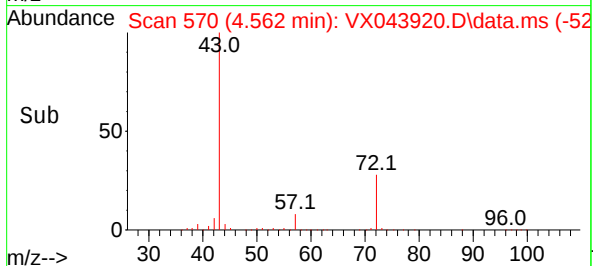
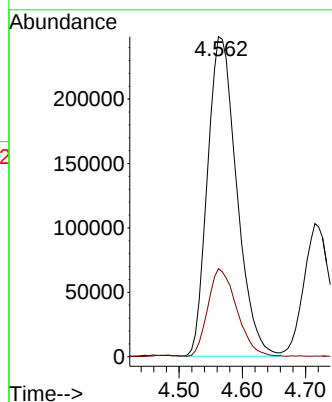
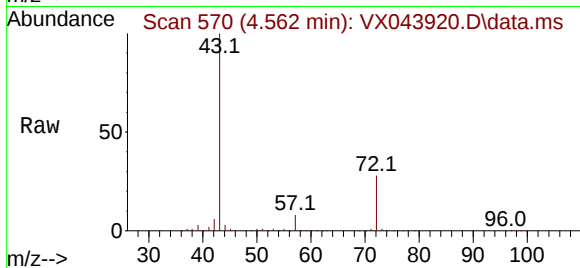
VSTDICC100

Tgt Ion: 43 Resp: 795265

Ion Ratio Lower Upper

43 100

72 27.3 21.3 31.9



#26

2,2-Dichloropropane

Concen: 104.497 ug/l

RT: 4.465 min Scan# 554

Delta R.T. 0.000 min

Lab File: VX043920.D

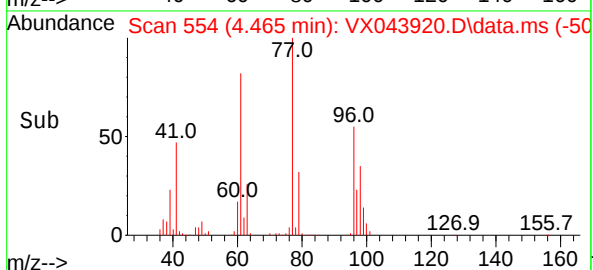
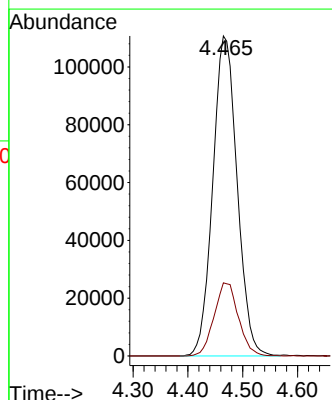
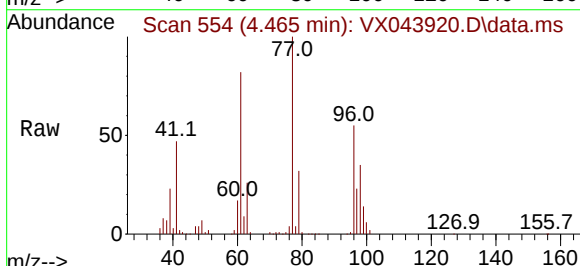
Acq: 20 Nov 2024 18:06

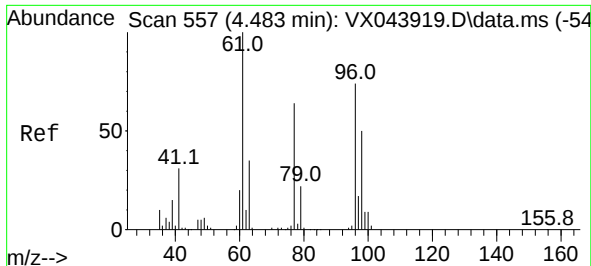
Tgt Ion: 77 Resp: 341462

Ion Ratio Lower Upper

77 100

97 22.8 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 102.347 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX043920.D

Acq: 20 Nov 2024 18:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

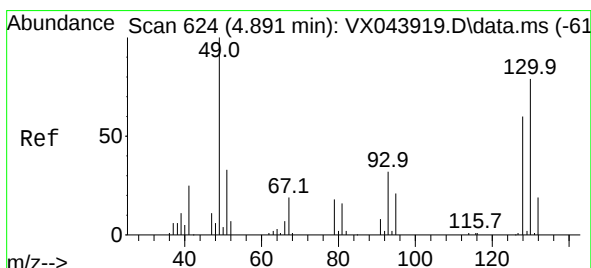
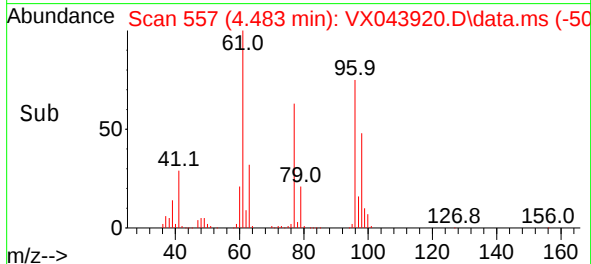
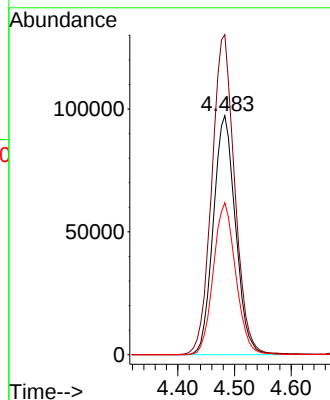
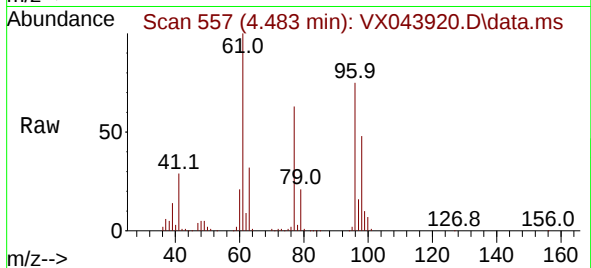
Tgt Ion: 96 Resp: 265044

Ion Ratio Lower Upper

96 100

61 138.4 0.0 279.4

98 64.0 0.0 131.6



#28

Bromochloromethane

Concen: 96.277 ug/l

RT: 4.891 min Scan# 624

Delta R.T. 0.000 min

Lab File: VX043920.D

Acq: 20 Nov 2024 18:06

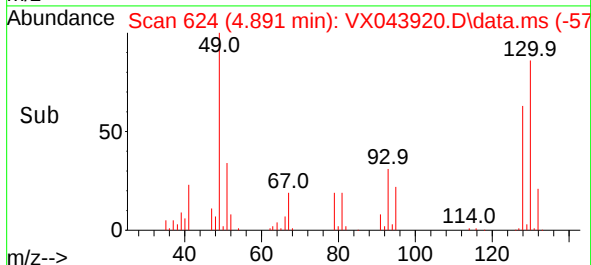
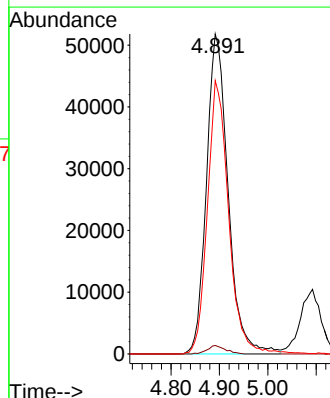
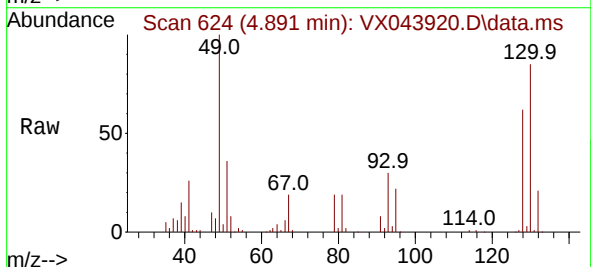
Tgt Ion: 49 Resp: 161087

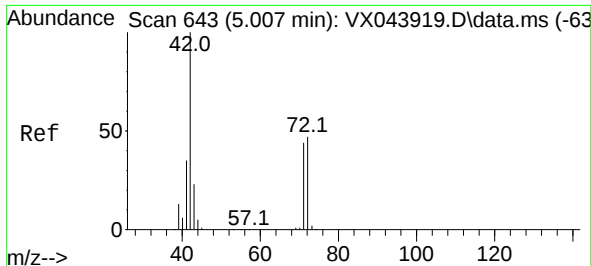
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

130 83.8 68.2 102.2





#29

Tetrahydrofuran

Concen: 502.612 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX043920.D

Acq: 20 Nov 2024 18:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

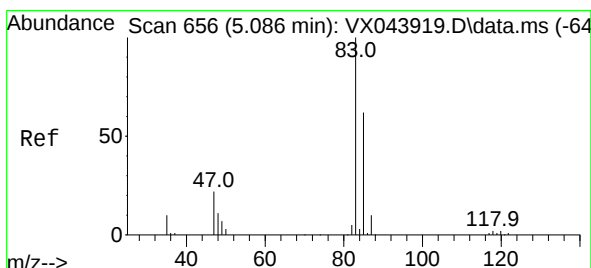
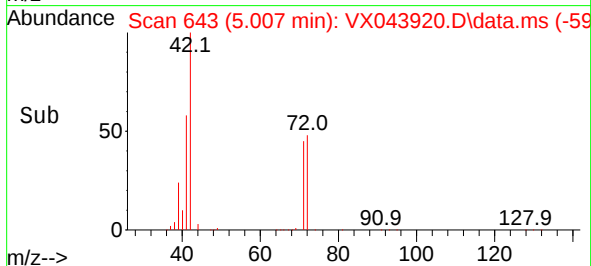
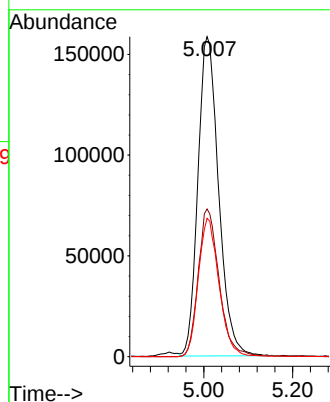
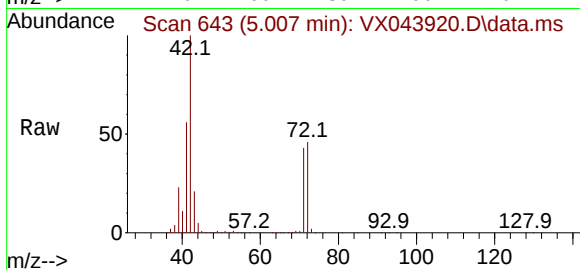
Tgt Ion: 42 Resp: 514205

Ion Ratio Lower Upper

42 100

72 46.9 37.9 56.9

71 43.3 34.8 52.2



#30

Chloroform

Concen: 99.513 ug/l

RT: 5.086 min Scan# 656

Delta R.T. 0.000 min

Lab File: VX043920.D

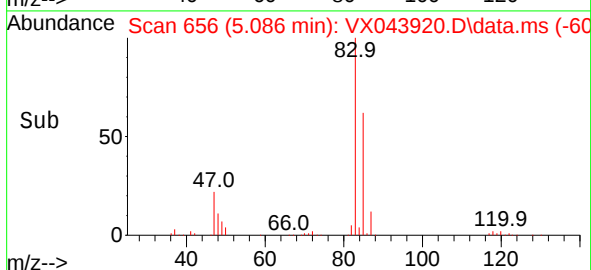
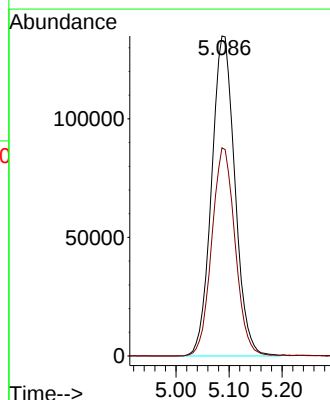
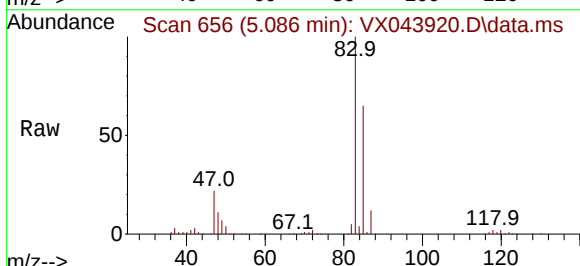
Acq: 20 Nov 2024 18:06

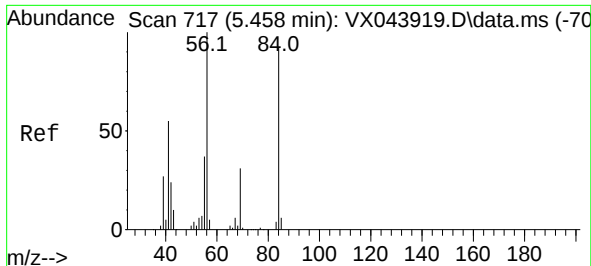
Tgt Ion: 83 Resp: 412470

Ion Ratio Lower Upper

83 100

85 65.0 49.7 74.5

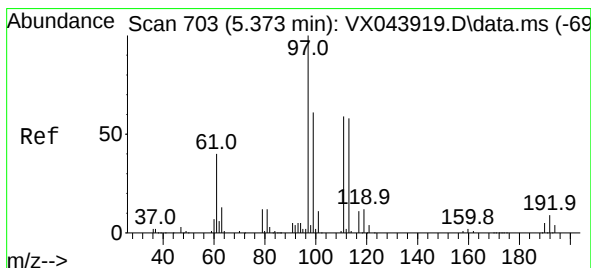
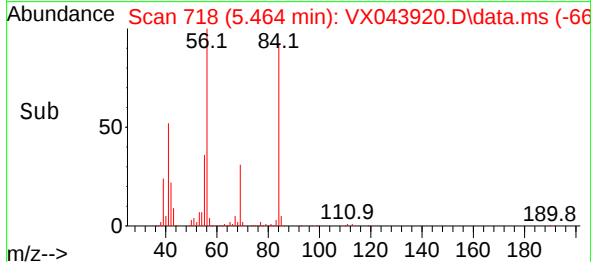
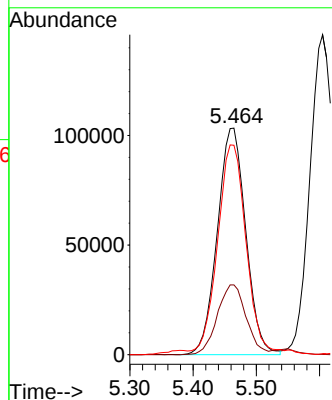
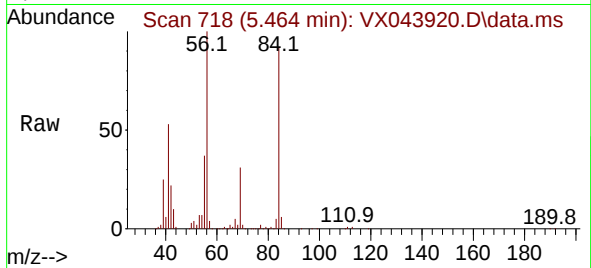




#31
Cyclohexane
Concen: 100.127 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX043920.D
Acq: 20 Nov 2024 18:06

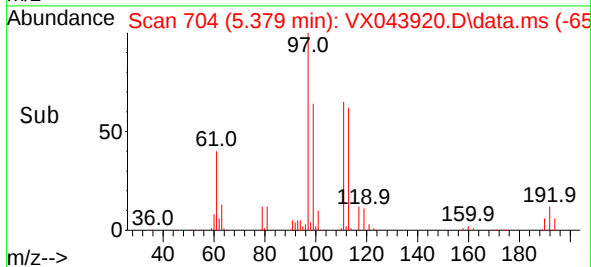
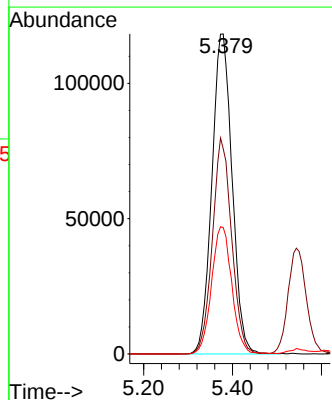
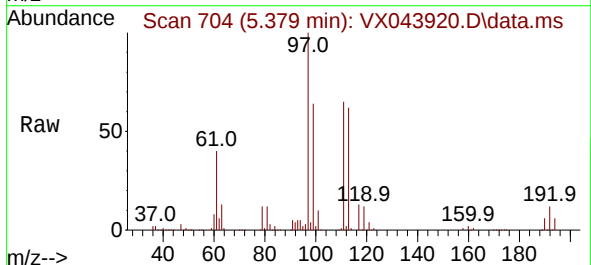
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

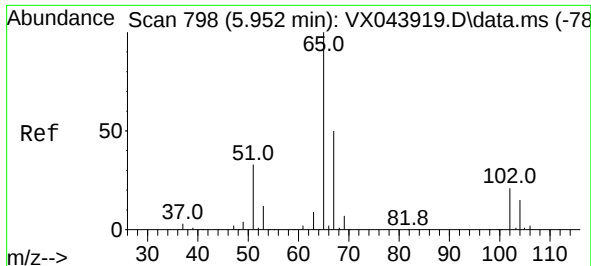
Tgt Ion: 56 Resp: 322690
Ion Ratio Lower Upper
56 100
69 30.8 24.9 37.3
84 90.6 73.8 110.6



#32
1,1,1-Trichloroethane
Concen: 105.203 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX043920.D
Acq: 20 Nov 2024 18:06

Tgt Ion: 97 Resp: 372771
Ion Ratio Lower Upper
97 100
99 64.3 51.2 76.8
61 40.0 32.9 49.3

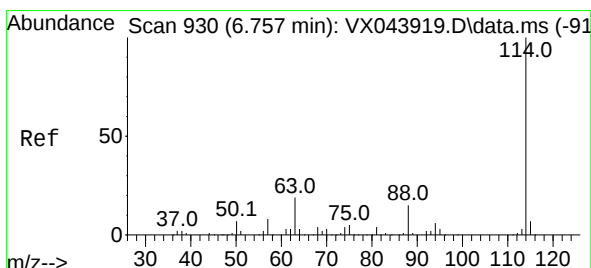
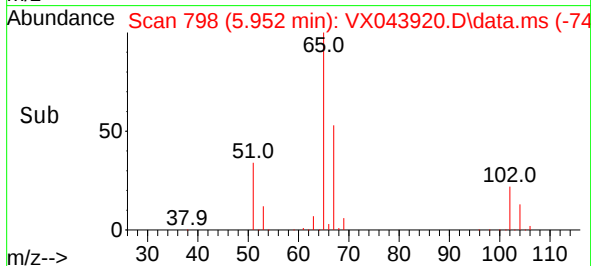
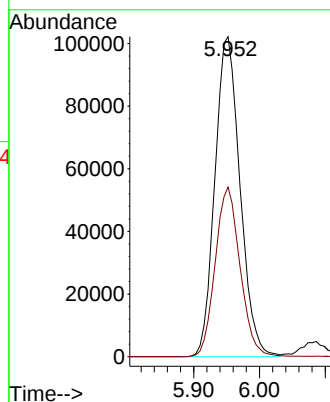
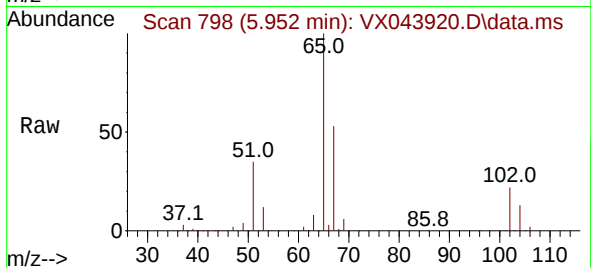




#33
1,2-Dichloroethane-d4
Concen: 96.476 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX043920.D
Acq: 20 Nov 2024 18:06

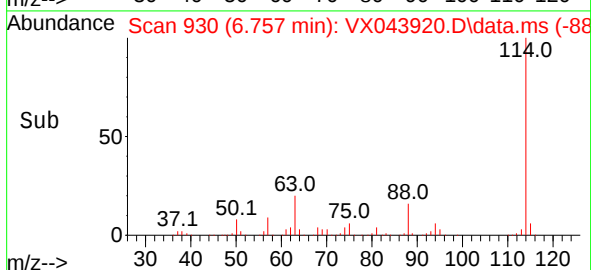
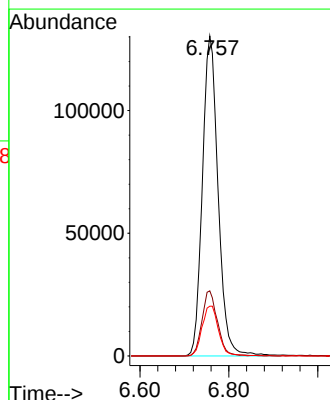
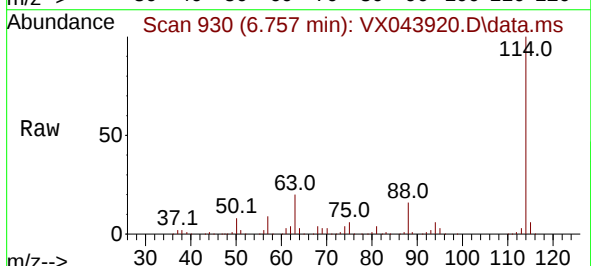
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

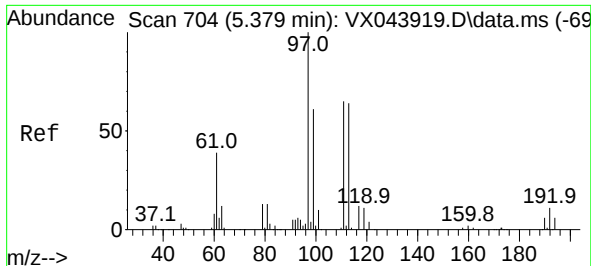
Tgt Ion: 65 Resp: 271856
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX043920.D
Acq: 20 Nov 2024 18:06

Tgt Ion: 114 Resp: 321198
Ion Ratio Lower Upper
114 100
63 20.3 0.0 39.0
88 15.6 0.0 30.2





#35

Dibromofluoromethane

Concen: 103.183 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX043920.D

Acq: 20 Nov 2024 18:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

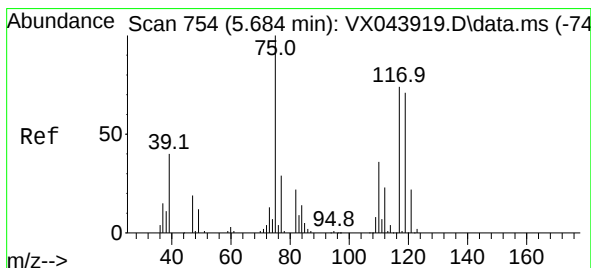
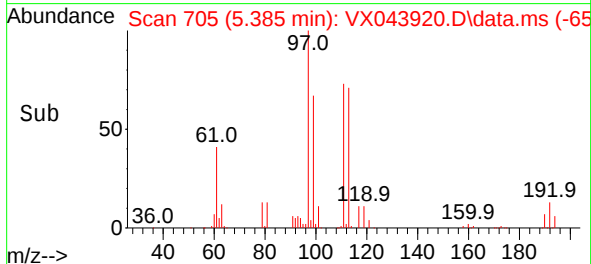
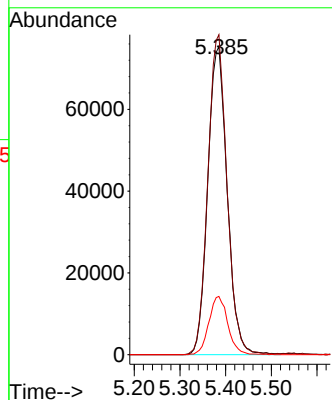
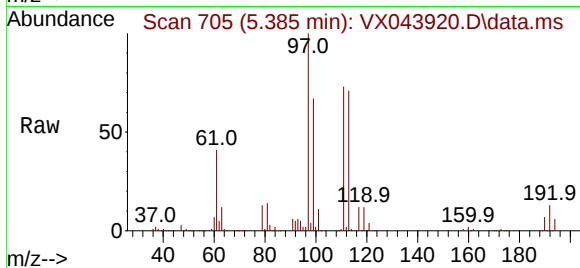
Tgt Ion:113 Resp: 222540

Ion Ratio Lower Upper

113 100

111 102.3 81.0 121.6

192 18.5 14.2 21.2



#36

1,1-Dichloropropene

Concen: 101.485 ug/l

RT: 5.684 min Scan# 754

Delta R.T. 0.000 min

Lab File: VX043920.D

Acq: 20 Nov 2024 18:06

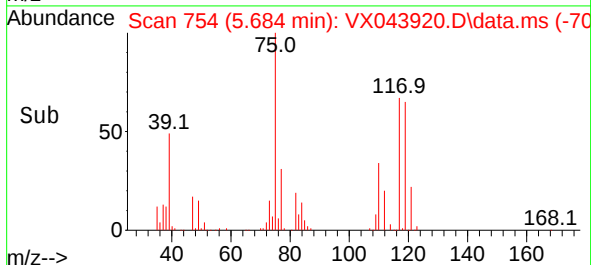
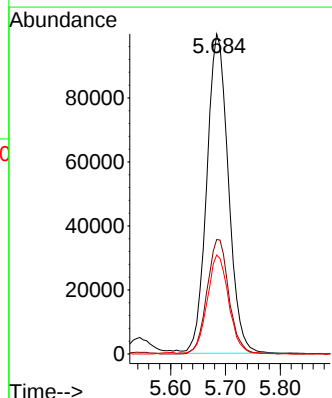
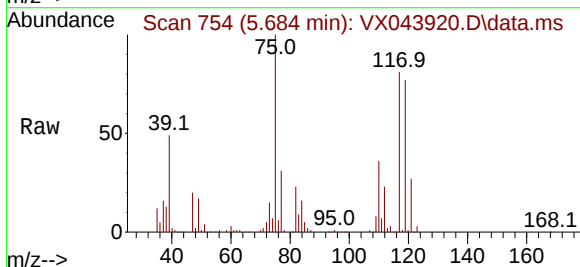
Tgt Ion: 75 Resp: 272788

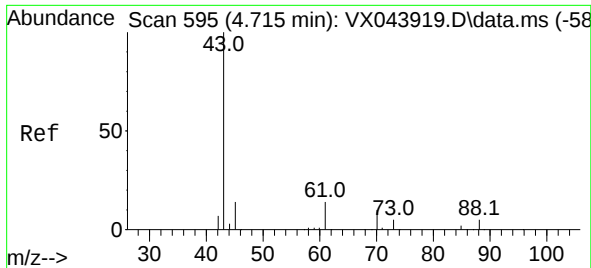
Ion Ratio Lower Upper

75 100

110 36.3 17.5 52.5

77 30.5 24.9 37.3





#37

Ethyl Acetate

Concen: 101.570 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX043920.D

Acq: 20 Nov 2024 18:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

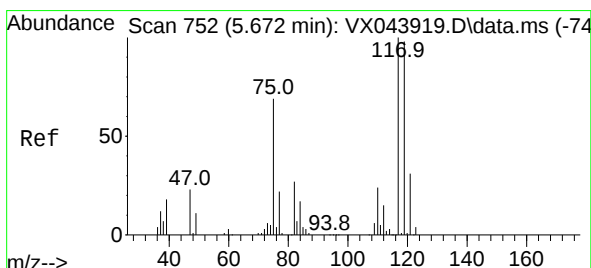
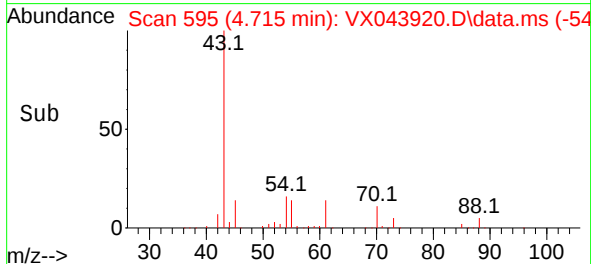
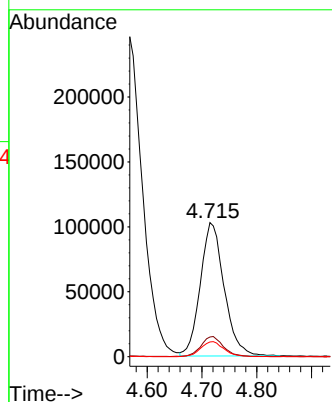
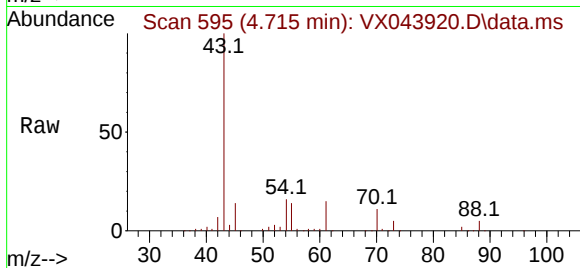
Tgt Ion: 43 Resp: 310250

Ion Ratio Lower Upper

43 100

61 14.1 11.5 17.3

70 11.1 8.7 13.1



#38

Carbon Tetrachloride

Concen: 108.748 ug/l

RT: 5.666 min Scan# 751

Delta R.T. -0.006 min

Lab File: VX043920.D

Acq: 20 Nov 2024 18:06

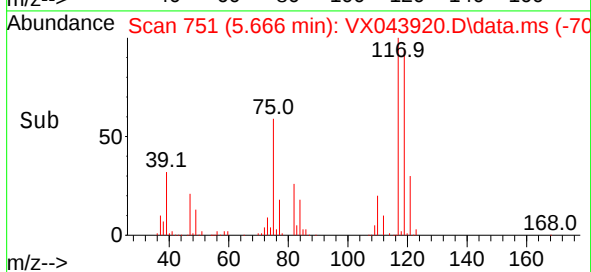
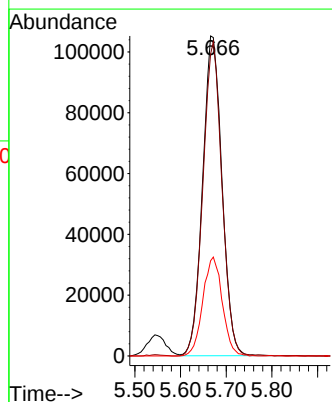
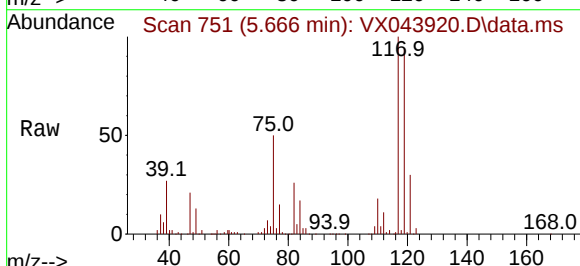
Tgt Ion: 117 Resp: 309471

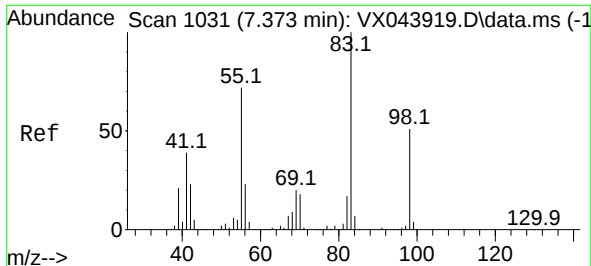
Ion Ratio Lower Upper

117 100

119 94.4 78.3 117.5

121 29.8 25.1 37.7





#39

Methylcyclohexane

Concen: 107.443 ug/l

RT: 7.373 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043920.D

Acq: 20 Nov 2024 18:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

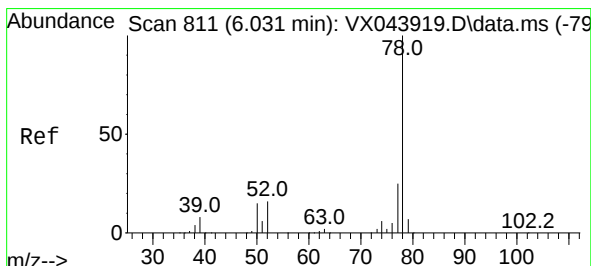
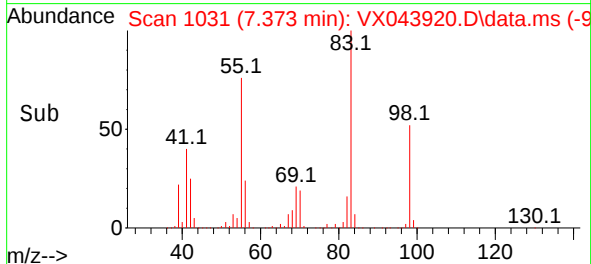
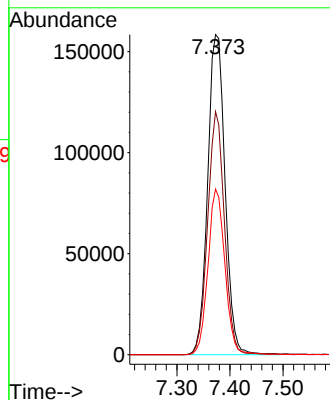
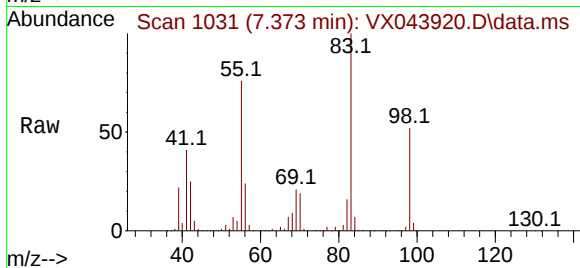
Tgt Ion: 83 Resp: 361545

Ion Ratio Lower Upper

83 100

55 75.9 57.9 86.9

98 51.7 40.5 60.7



#40

Benzene

Concen: 102.771 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX043920.D

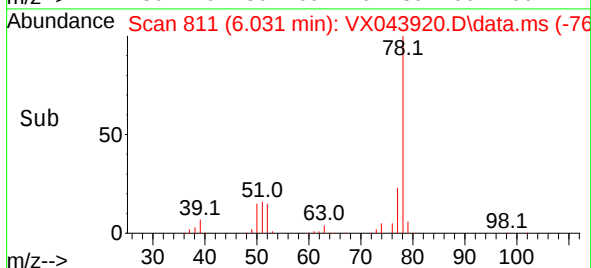
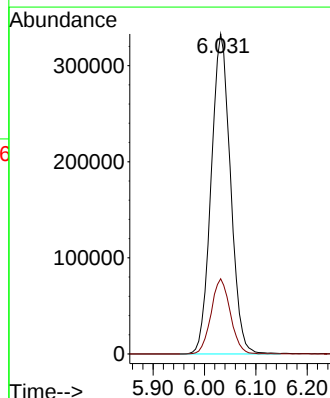
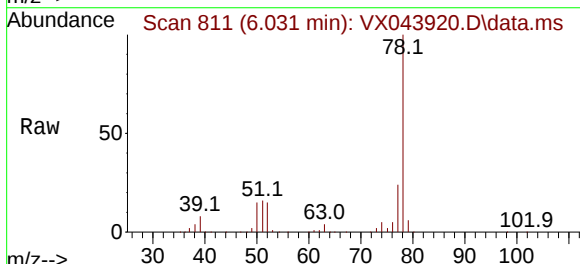
Acq: 20 Nov 2024 18:06

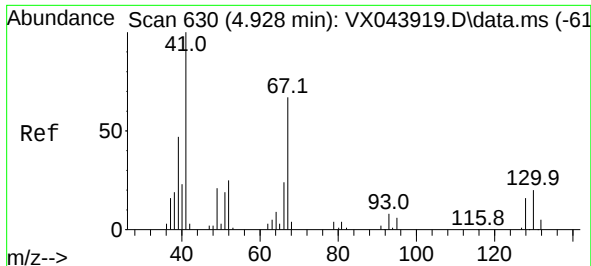
Tgt Ion: 78 Resp: 868520

Ion Ratio Lower Upper

78 100

77 23.5 19.8 29.8



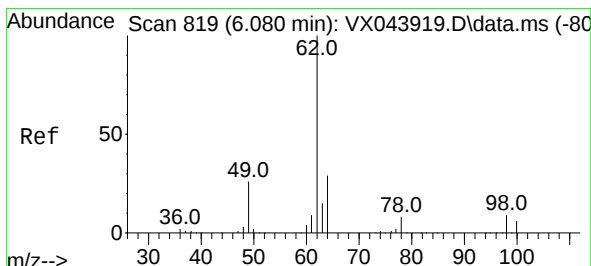
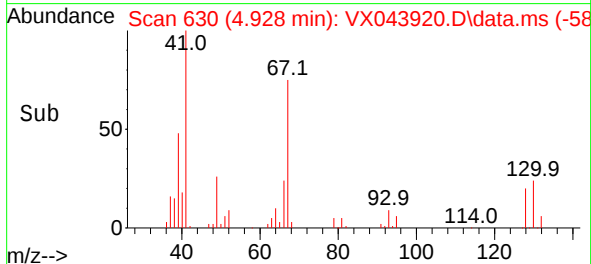
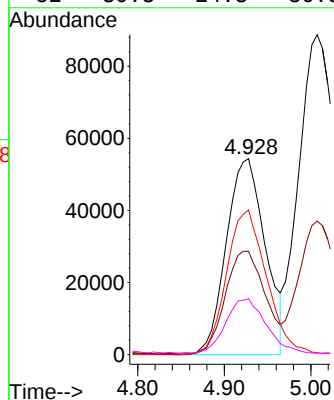
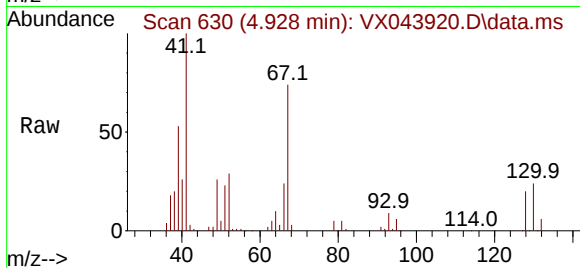


#41
Methacrylonitrile
Concen: 107.684 ug/l
RT: 4.928 min Scan# 630
Delta R.T. 0.000 min
Lab File: VX043920.D
Acq: 20 Nov 2024 18:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 41 Resp: 169762

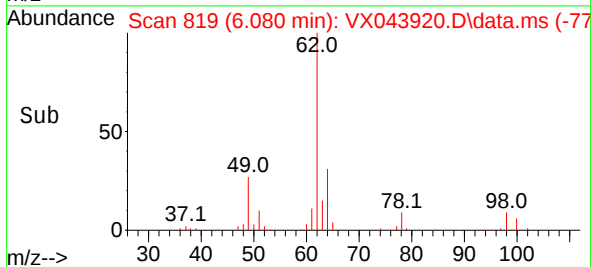
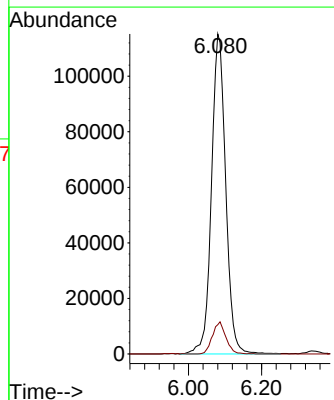
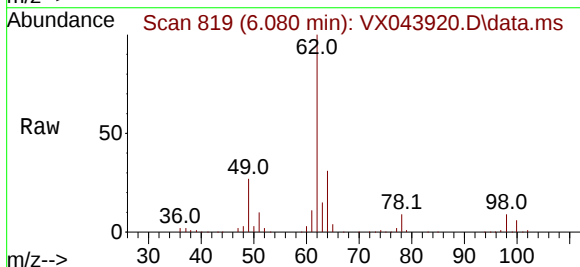
Ion	Ratio	Lower	Upper
41	100		
39	53.9	41.2	61.8
67	76.2	60.3	90.5
52	30.3	24.3	36.5

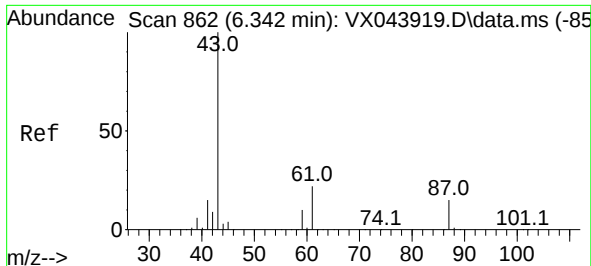


#42
1,2-Dichloroethane
Concen: 101.187 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX043920.D
Acq: 20 Nov 2024 18:06

Tgt Ion: 62 Resp: 310500

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.6





#43

Isopropyl Acetate

Concen: 107.534 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX043920.D

Acq: 20 Nov 2024 18:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

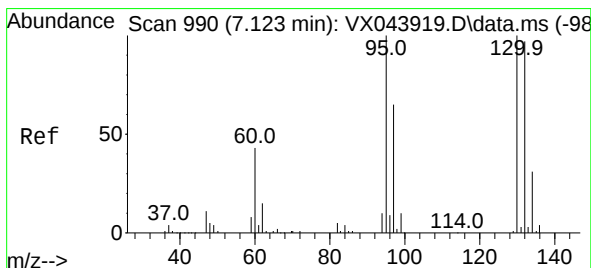
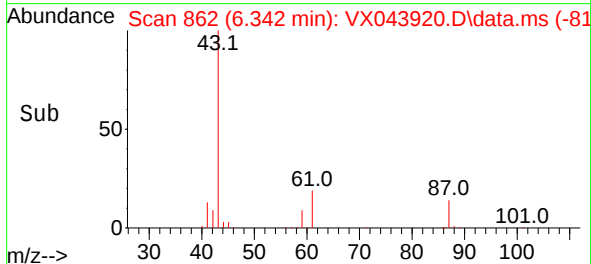
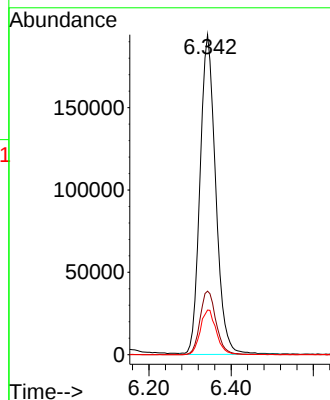
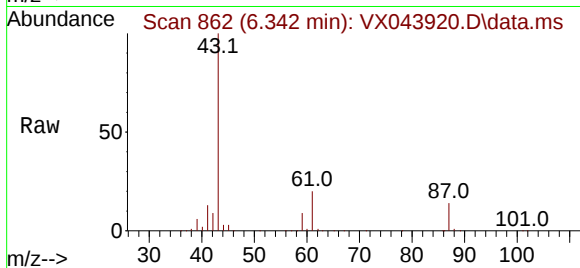
Tgt Ion: 43 Resp: 513183

Ion Ratio Lower Upper

43 100

61 20.4 16.9 25.3

87 14.3 11.9 17.9



#44

Trichloroethene

Concen: 96.157 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX043920.D

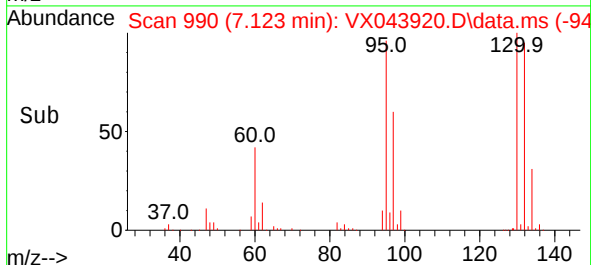
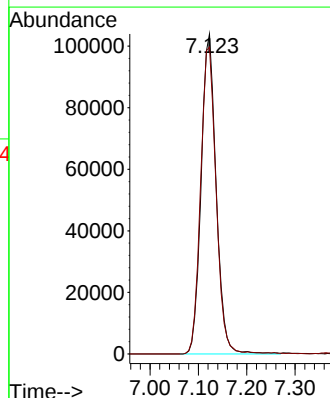
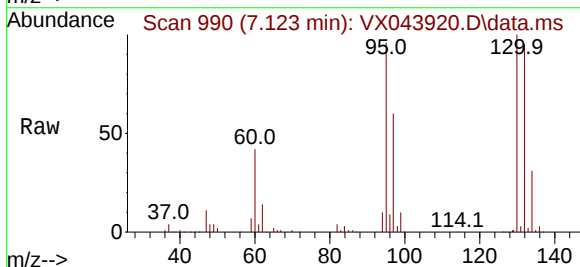
Acq: 20 Nov 2024 18:06

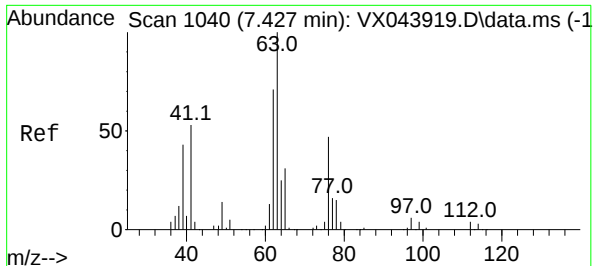
Tgt Ion:130 Resp: 224024

Ion Ratio Lower Upper

130 100

95 95.9 0.0 200.8





#45

1,2-Dichloropropane

Concen: 103.048 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX043920.D

Acq: 20 Nov 2024 18:06

Instrument :

MSVOA_X

ClientSampleId :

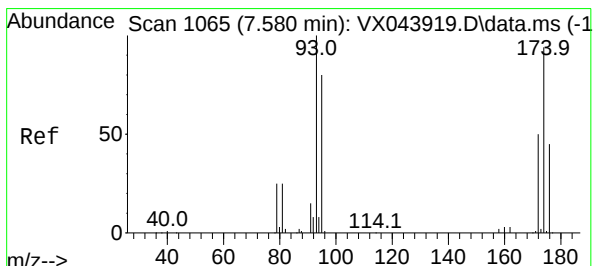
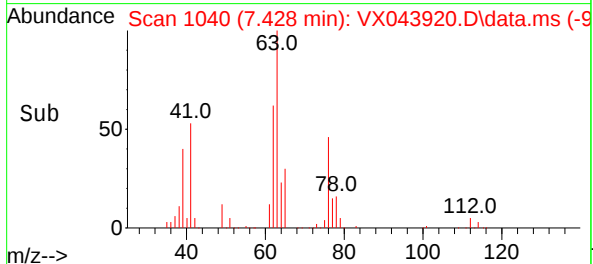
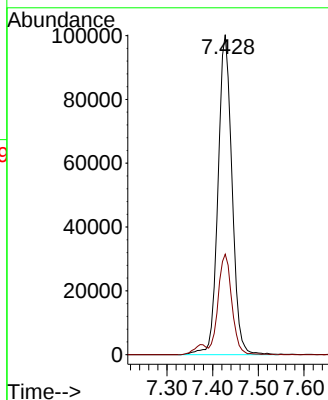
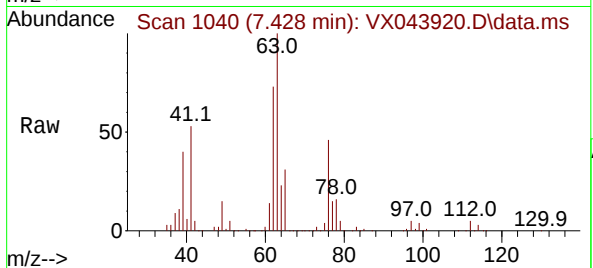
VSTDIC100

Tgt Ion: 63 Resp: 213436

Ion Ratio Lower Upper

63 100

65 31.4 24.5 36.7



#46

Dibromomethane

Concen: 105.566 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX043920.D

Acq: 20 Nov 2024 18:06

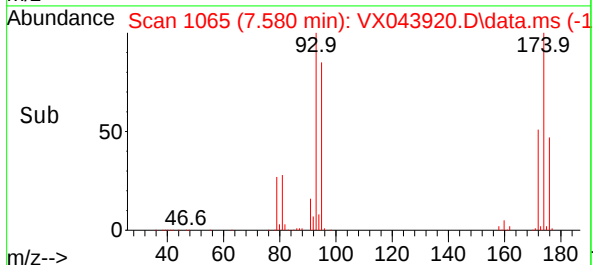
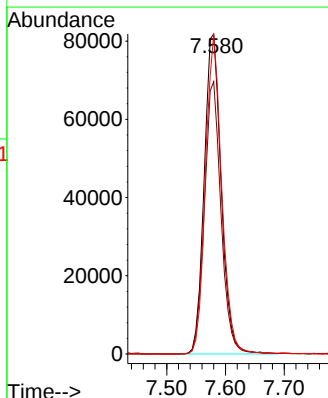
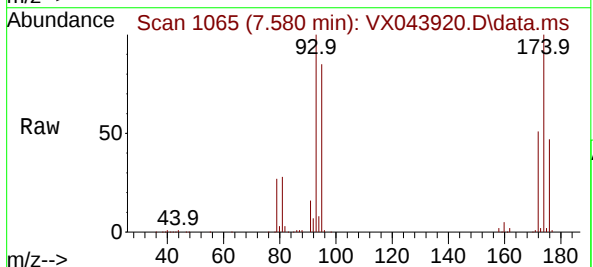
Tgt Ion: 93 Resp: 164766

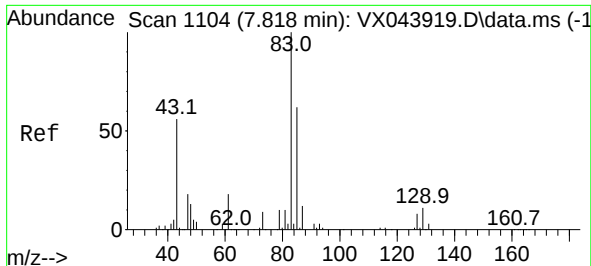
Ion Ratio Lower Upper

93 100

95 83.0 66.1 99.1

174 95.5 75.2 112.8

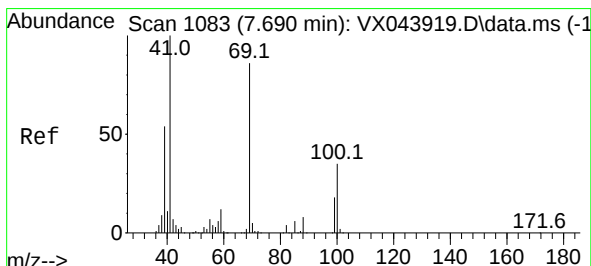
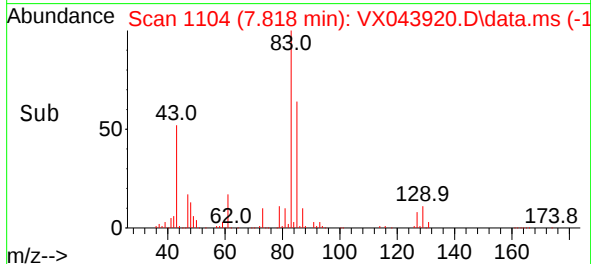
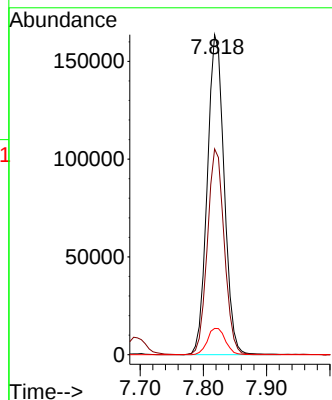
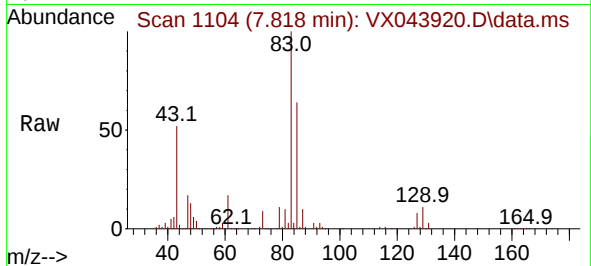




#47
Bromodichloromethane
Concen: 110.645 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX043920.D
Acq: 20 Nov 2024 18:06

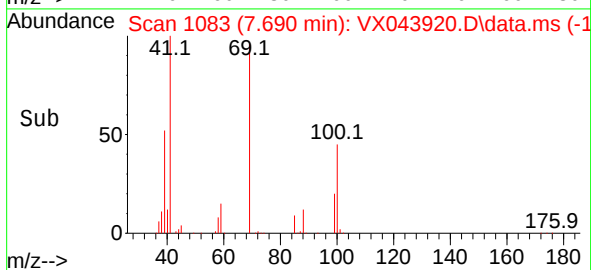
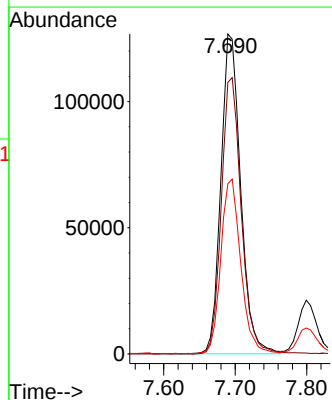
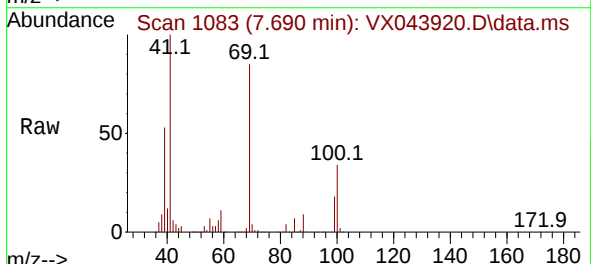
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

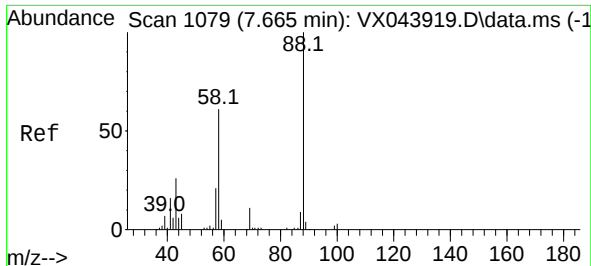
Tgt Ion: 83 Resp: 303422
Ion Ratio Lower Upper
83 100
85 64.2 49.4 74.0
127 8.2 6.2 9.4



#48
Methyl methacrylate
Concen: 102.910 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX043920.D
Acq: 20 Nov 2024 18:06

Tgt Ion: 41 Resp: 243421
Ion Ratio Lower Upper
41 100
69 87.5 72.1 108.1
39 55.4 43.8 65.8

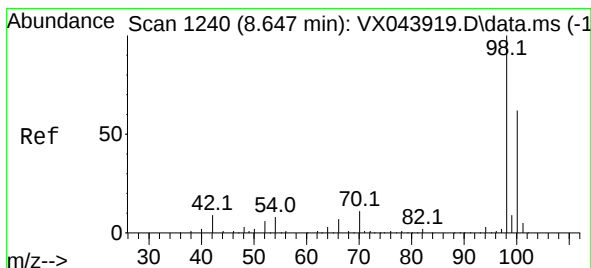
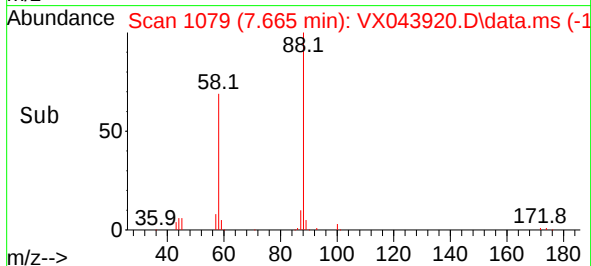
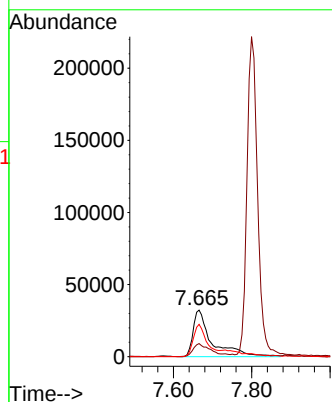
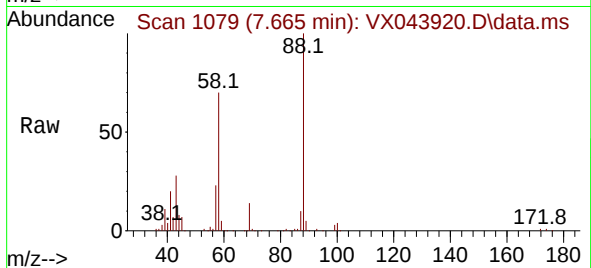




#49
1,4-Dioxane
Concen: 2146.814 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX043920.D
Acq: 20 Nov 2024 18:06

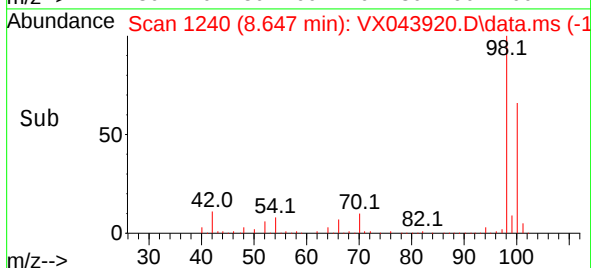
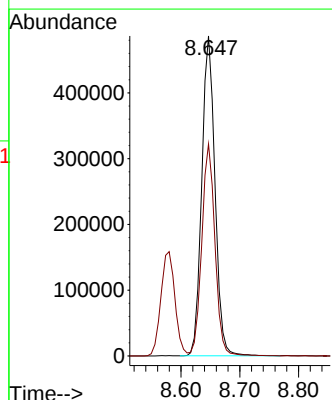
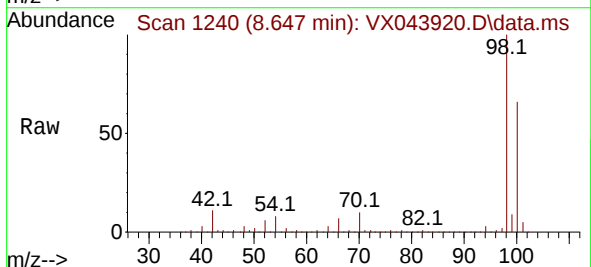
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

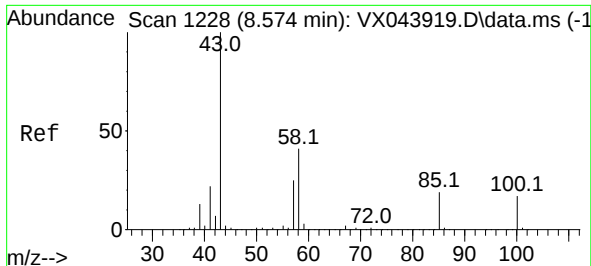
Tgt Ion: 88 Resp: 107845
Ion Ratio Lower Upper
88 100
43 26.6 17.4 26.0#
58 51.1 41.0 61.6



#50
Toluene-d8
Concen: 105.635 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043920.D
Acq: 20 Nov 2024 18:06

Tgt Ion: 98 Resp: 761128
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.6

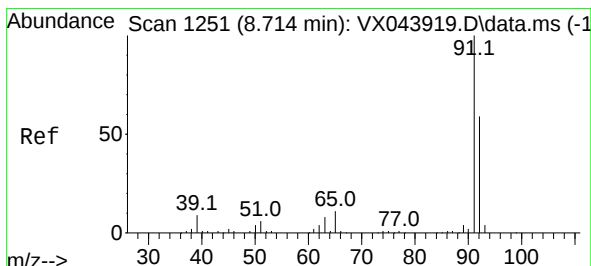
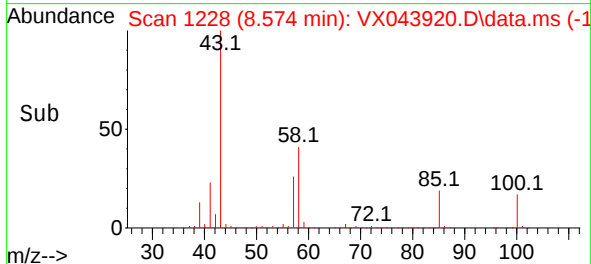
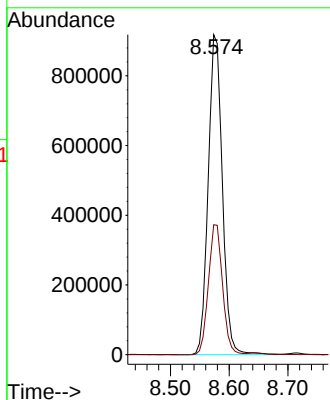
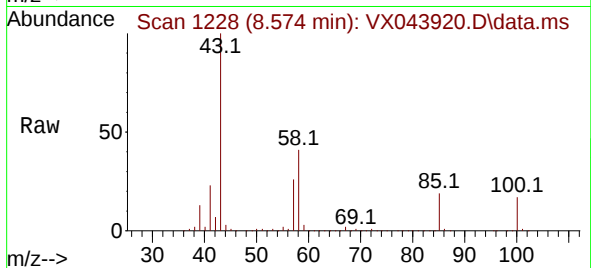




#51
4-Methyl-2-Pentanone
Concen: 516.861 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX043920.D
Acq: 20 Nov 2024 18:06

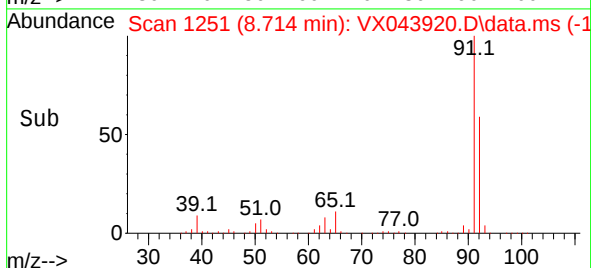
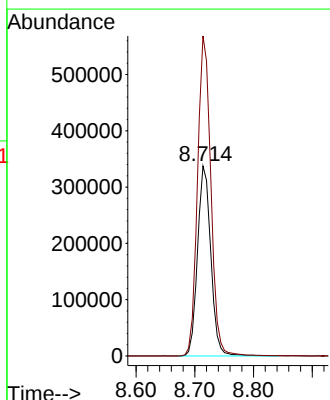
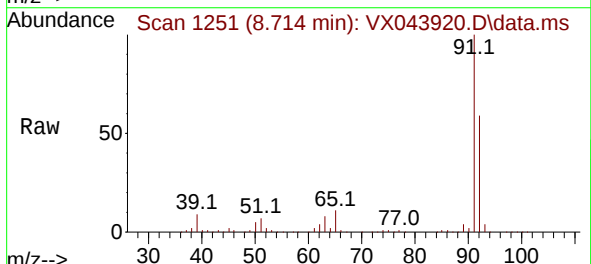
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

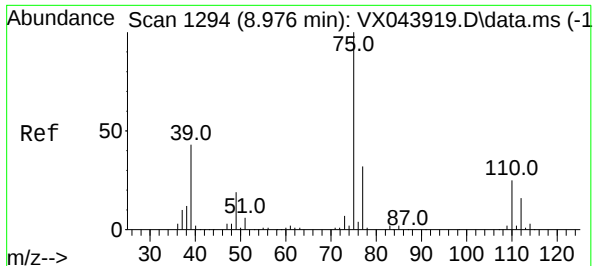
Tgt Ion: 43 Resp: 1537994
Ion Ratio Lower Upper
43 100
58 40.6 32.4 48.6



#52
Toluene
Concen: 108.621 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX043920.D
Acq: 20 Nov 2024 18:06

Tgt Ion: 92 Resp: 529584
Ion Ratio Lower Upper
92 100
91 169.0 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 116.622 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX043920.D

Acq: 20 Nov 2024 18:06

Instrument :

MSVOA_X

ClientSampleId :

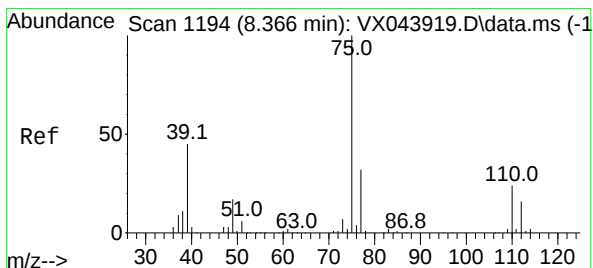
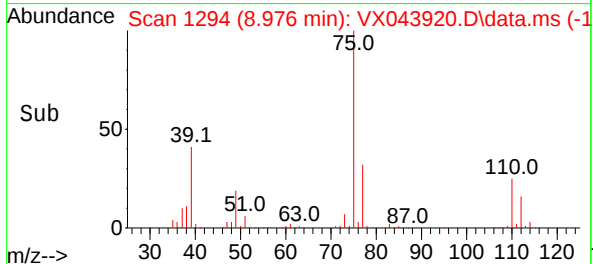
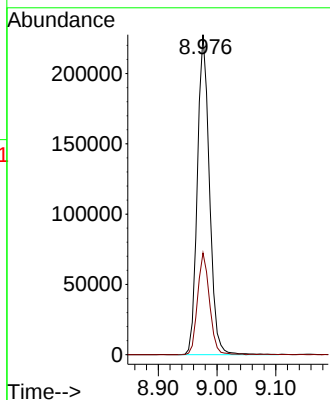
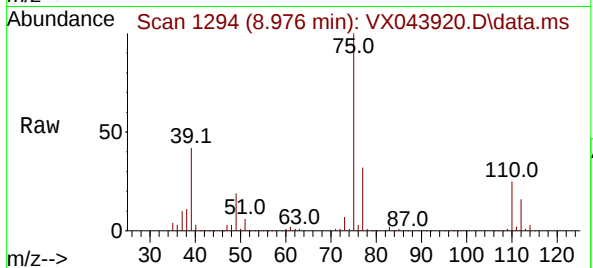
VSTDICC100

Tgt Ion: 75 Resp: 324493

Ion Ratio Lower Upper

75 100

77 31.8 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 110.250 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX043920.D

Acq: 20 Nov 2024 18:06

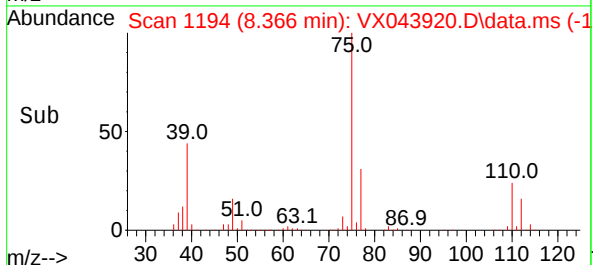
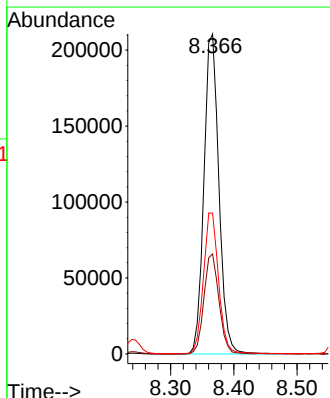
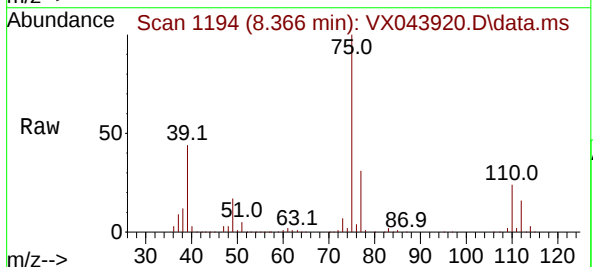
Tgt Ion: 75 Resp: 347624

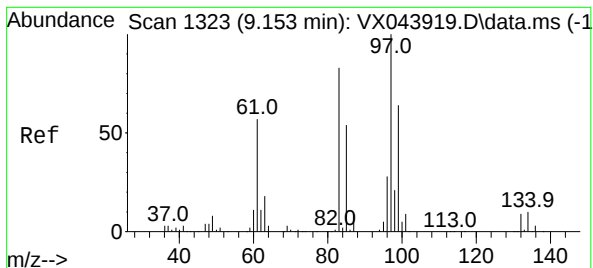
Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.2

39 43.9 36.1 54.1





#55

1,1,2-Trichloroethane

Concen: 99.698 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. -0.006 min

Lab File: VX043920.D

Acq: 20 Nov 2024 18:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 189653

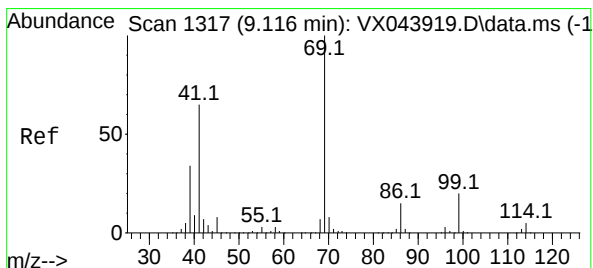
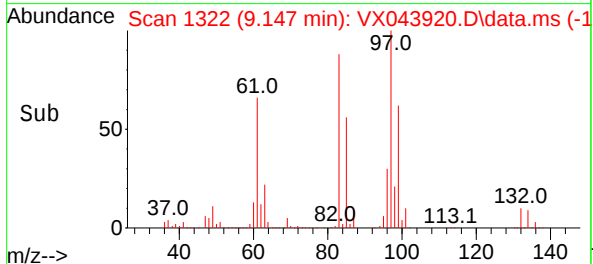
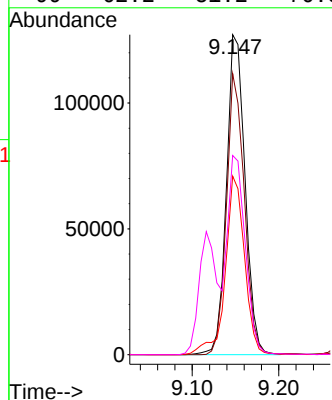
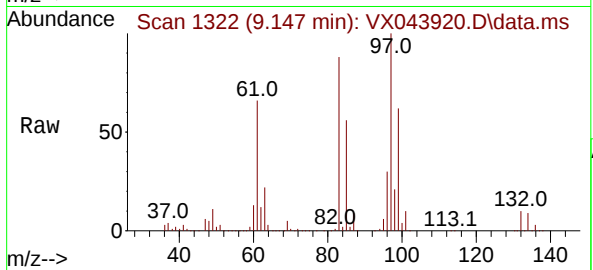
Ion Ratio Lower Upper

97 100

83 87.8 66.5 99.7

85 55.8 43.4 65.2

99 62.2 51.2 76.8



#56

Ethyl methacrylate

Concen: 117.501 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX043920.D

Acq: 20 Nov 2024 18:06

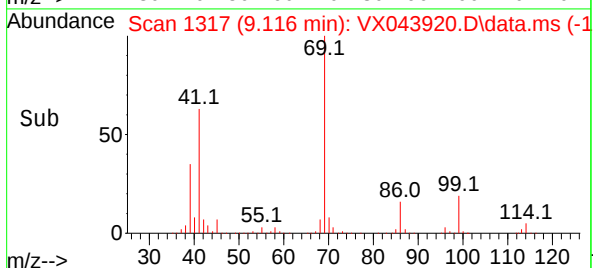
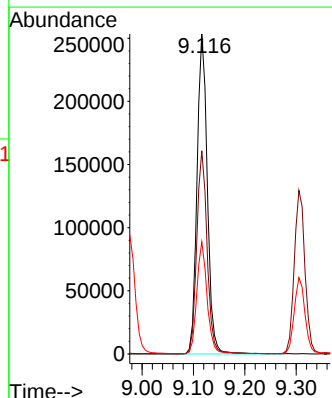
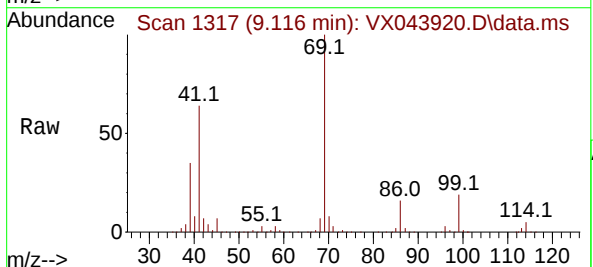
Tgt Ion: 69 Resp: 353905

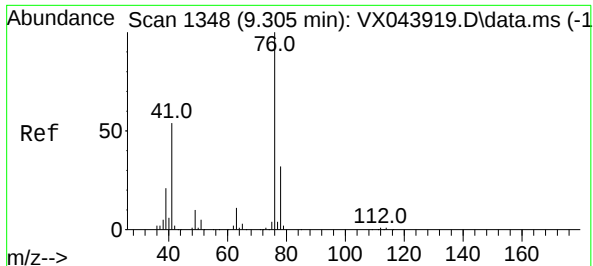
Ion Ratio Lower Upper

69 100

41 63.7 51.7 77.5

39 35.1 26.8 40.2

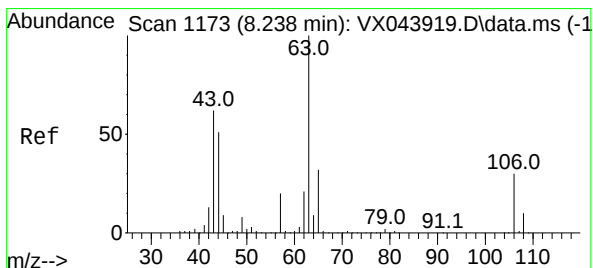
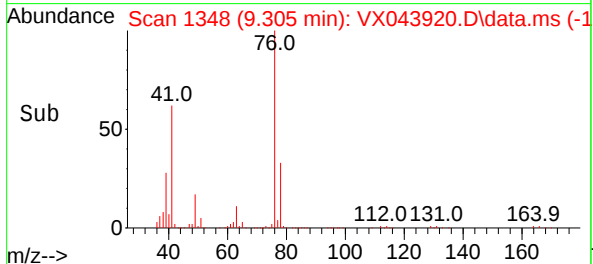
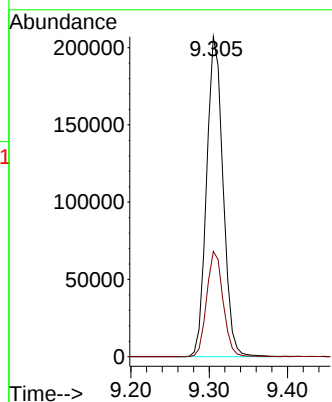
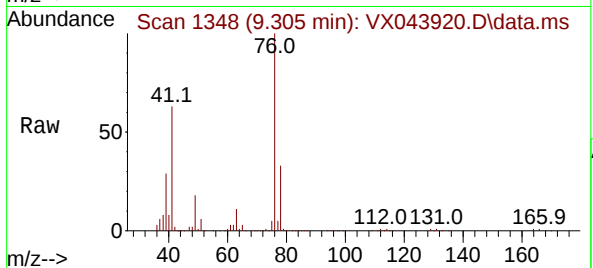




#57
1,3-Dichloropropane
Concen: 94.632 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX043920.D
Acq: 20 Nov 2024 18:06

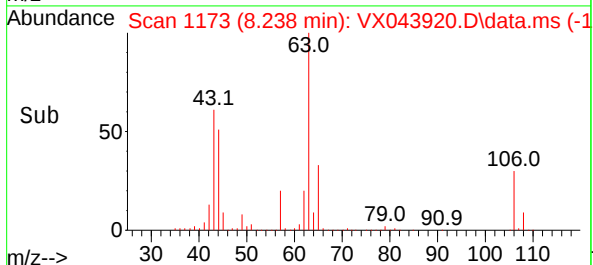
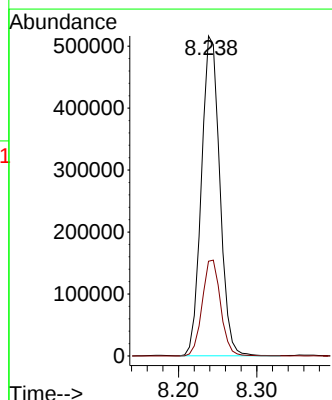
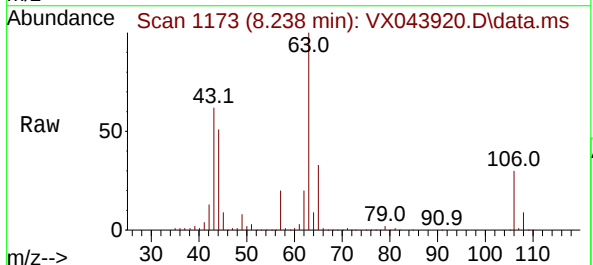
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

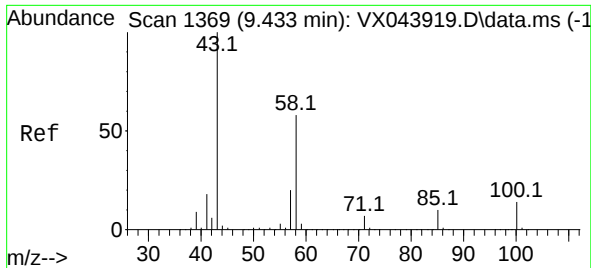
Tgt Ion: 76 Resp: 301590
Ion Ratio Lower Upper
76 100
78 32.8 25.9 38.9



#58
2-Chloroethyl Vinyl ether
Concen: 531.589 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX043920.D
Acq: 20 Nov 2024 18:06

Tgt Ion: 63 Resp: 839649
Ion Ratio Lower Upper
63 100
106 30.1 23.8 35.6





#59

2-Hexanone

Concen: 515.644 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX043920.D

Acq: 20 Nov 2024 18:06

Instrument :

MSVOA_X

ClientSampleId :

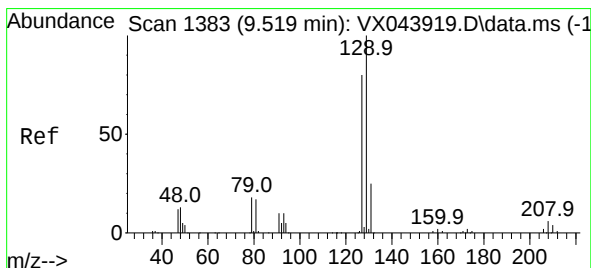
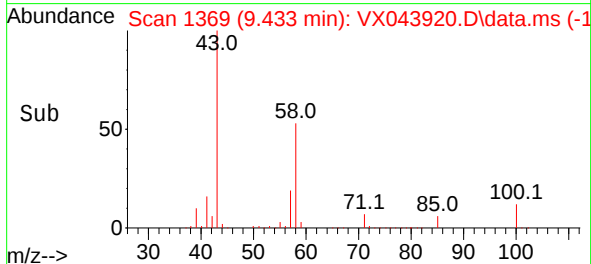
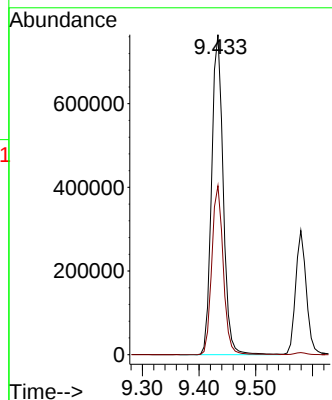
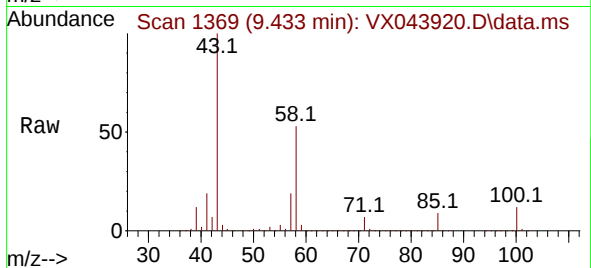
VSTDICC100

Tgt Ion: 43 Resp: 1082585

Ion Ratio Lower Upper

43 100

58 52.3 28.3 84.9



#60

Dibromochloromethane

Concen: 109.680 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX043920.D

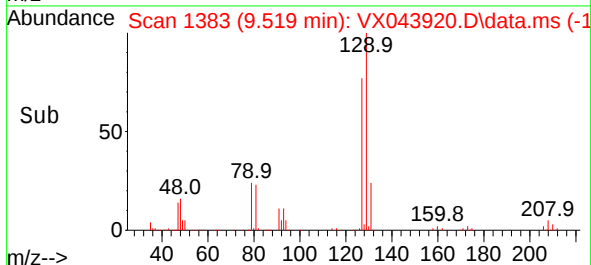
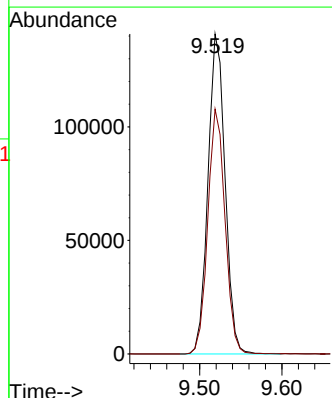
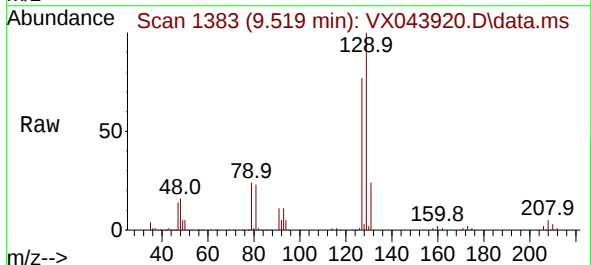
Acq: 20 Nov 2024 18:06

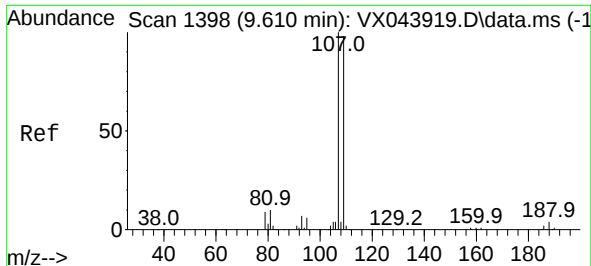
Tgt Ion:129 Resp: 203305

Ion Ratio Lower Upper

129 100

127 77.2 38.6 115.8





#61

1,2-Dibromoethane

Concen: 97.805 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX043920.D

Acq: 20 Nov 2024 18:06

Instrument :

MSVOA_X

ClientSampleId :

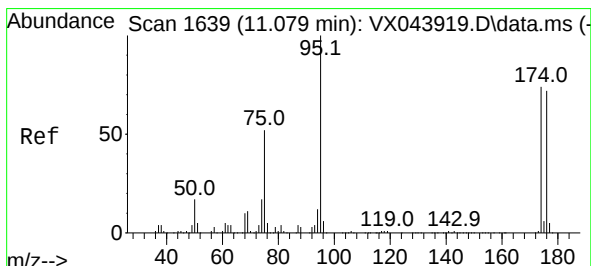
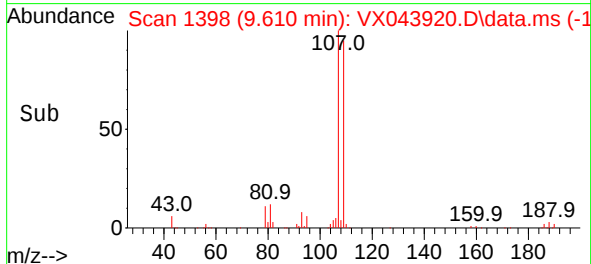
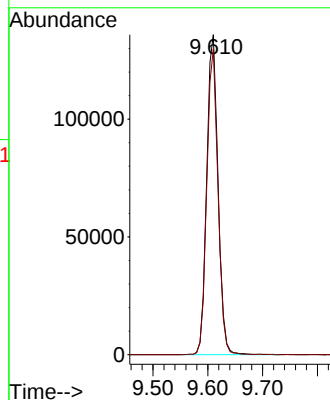
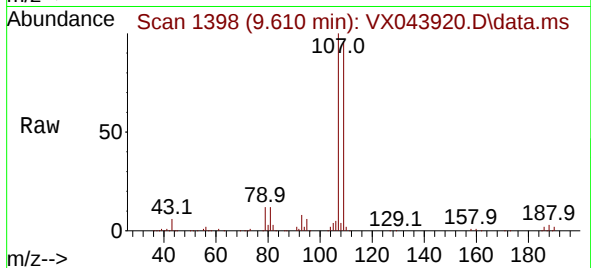
VSTDIC100

Tgt Ion:107 Resp: 194070

Ion Ratio Lower Upper

107 100

109 94.4 76.2 114.2



#62

4-Bromofluorobenzene

Concen: 98.564 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX043920.D

Acq: 20 Nov 2024 18:06

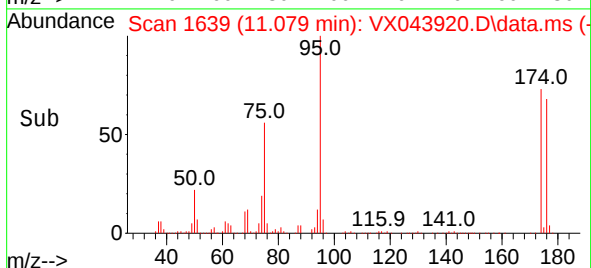
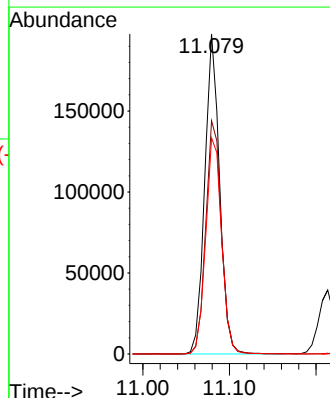
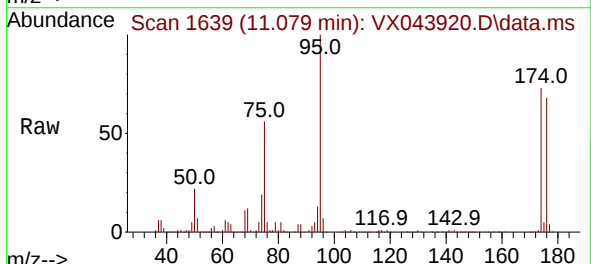
Tgt Ion: 95 Resp: 234670

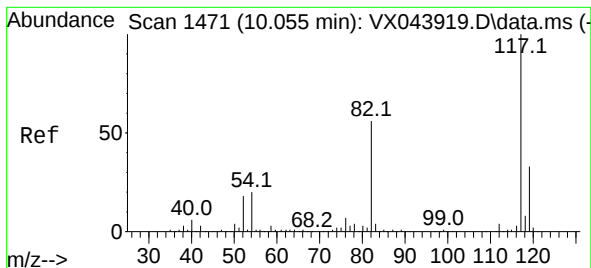
Ion Ratio Lower Upper

95 100

174 77.0 0.0 152.2

176 72.4 0.0 145.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX043920.D

Acq: 20 Nov 2024 18:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

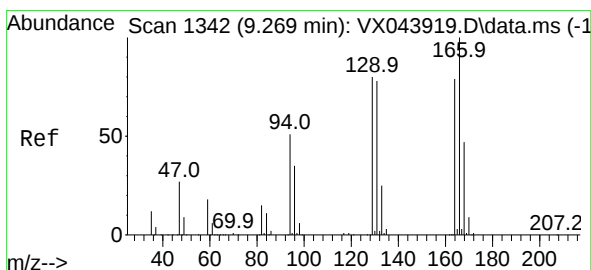
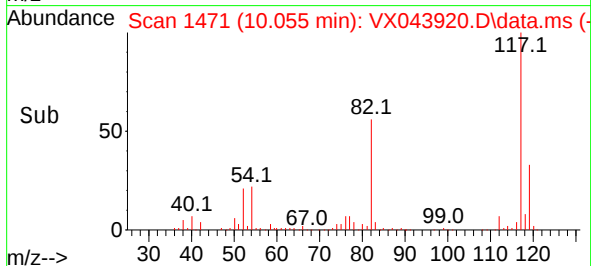
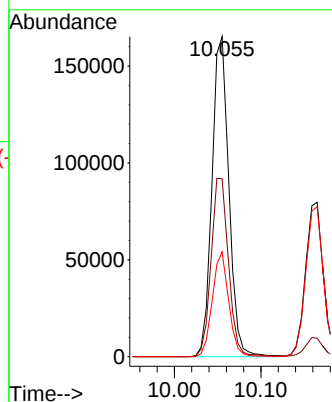
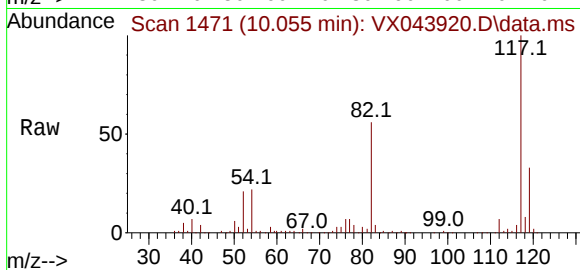
Tgt Ion:117 Resp: 223922

Ion Ratio Lower Upper

117 100

82 55.6 44.6 67.0

119 32.8 26.5 39.7



#64

Tetrachloroethene

Concen: 105.950 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VX043920.D

Acq: 20 Nov 2024 18:06

Tgt Ion:164 Resp: 152176

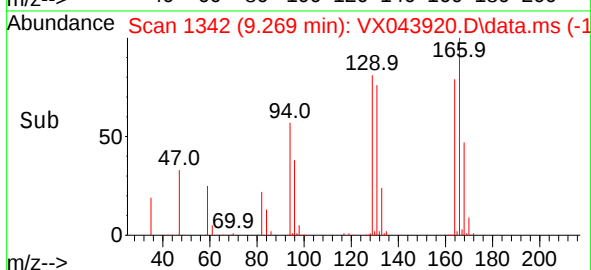
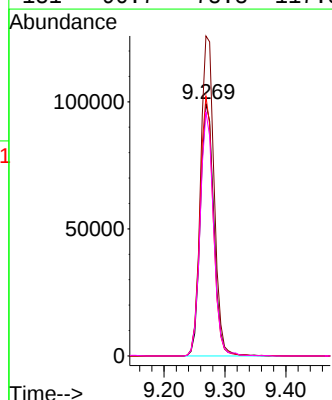
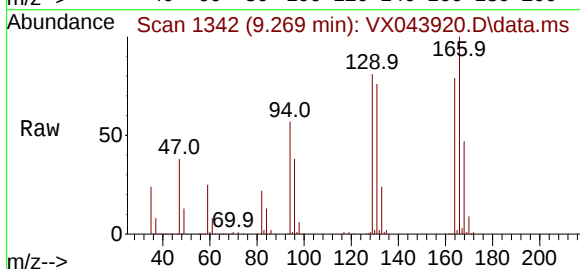
Ion Ratio Lower Upper

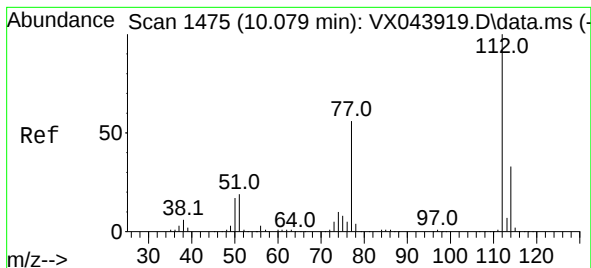
164 100

166 126.9 100.9 151.3

129 103.0 80.3 120.5

131 96.7 78.3 117.5

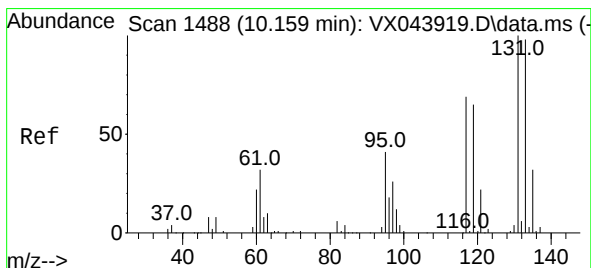
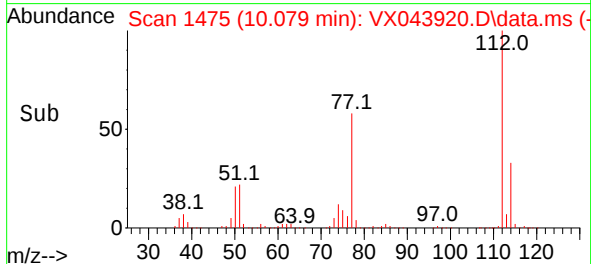
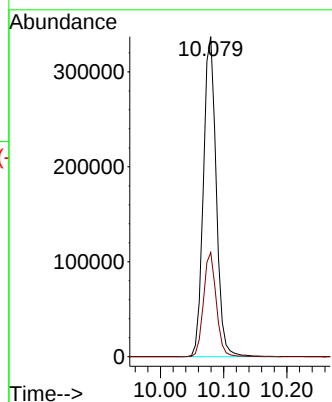
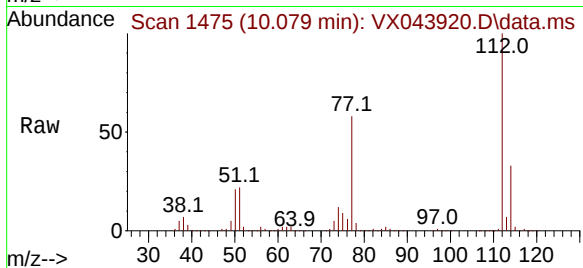




#65
Chlorobenzene
Concen: 102.030 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX043920.D
Acq: 20 Nov 2024 18:06

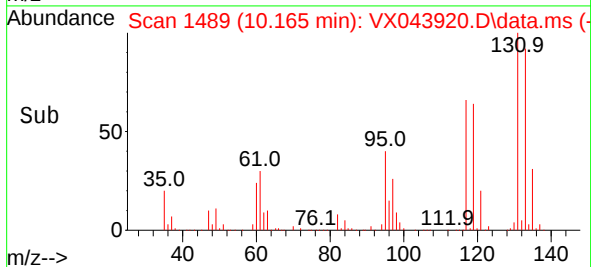
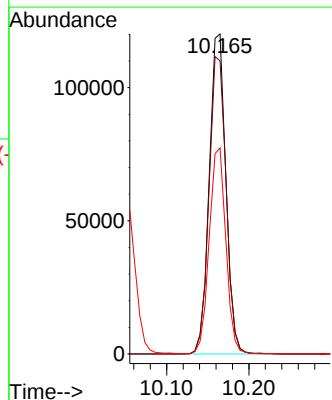
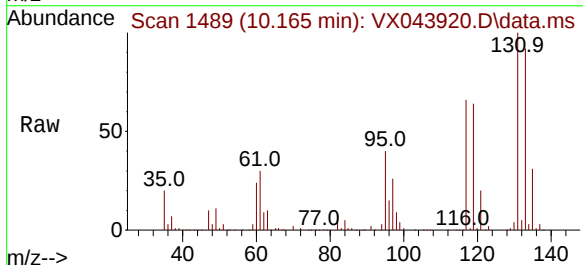
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

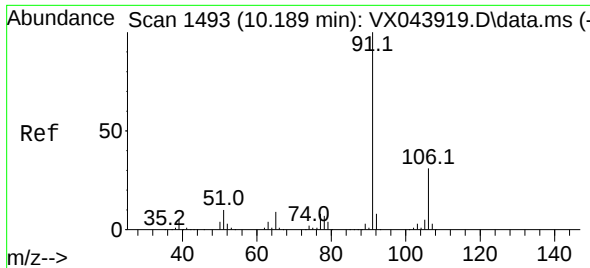
Tgt Ion:112 Resp: 477240
Ion Ratio Lower Upper
112 100
114 32.5 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 108.470 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX043920.D
Acq: 20 Nov 2024 18:06

Tgt Ion:131 Resp: 168854
Ion Ratio Lower Upper
131 100
133 95.4 48.8 146.3
119 64.7 32.9 98.7





#67

Ethyl Benzene

Concen: 106.097 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX043920.D

Acq: 20 Nov 2024 18:06

Instrument :

MSVOA_X

ClientSampleId :

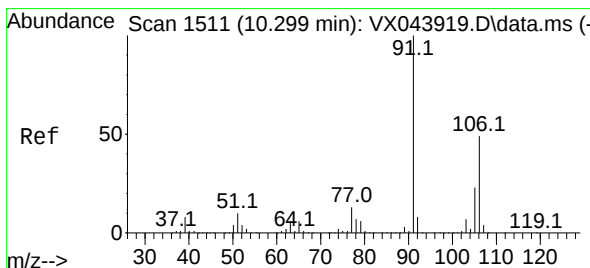
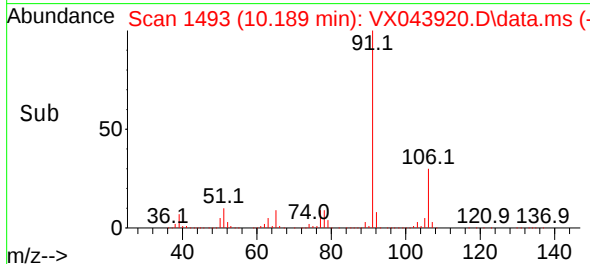
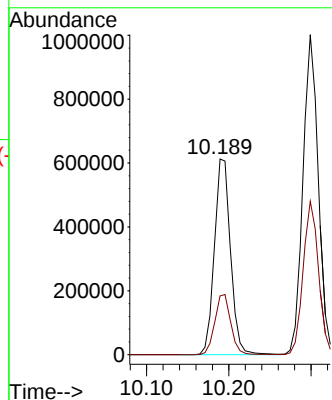
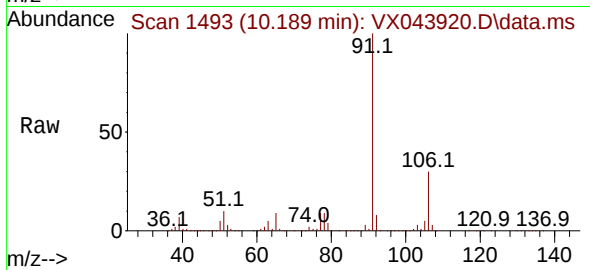
VSTDICC100

Tgt Ion: 91 Resp: 835156

Ion Ratio Lower Upper

91 100

106 30.0 25.0 37.4



#68

m/p-Xylenes

Concen: 214.626 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX043920.D

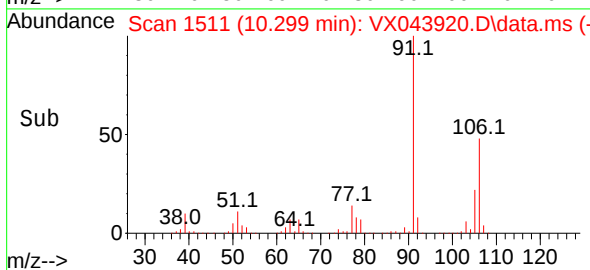
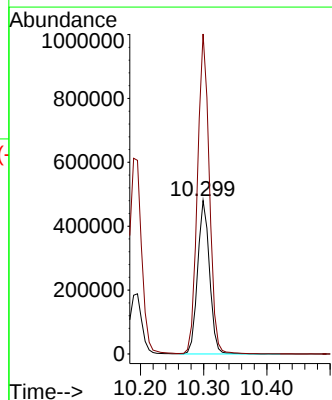
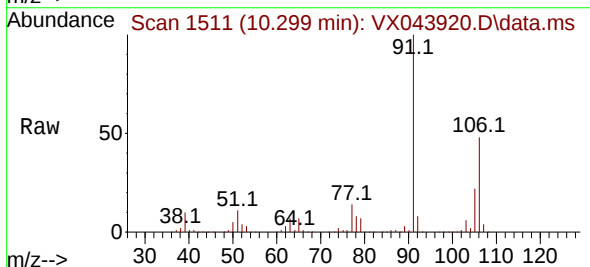
Acq: 20 Nov 2024 18:06

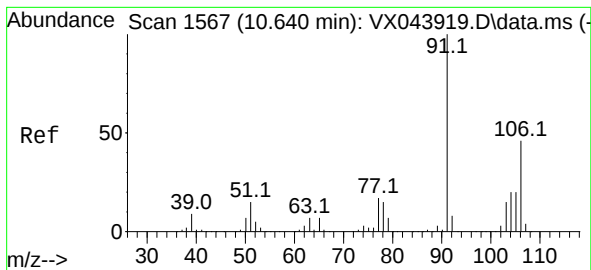
Tgt Ion:106 Resp: 629273

Ion Ratio Lower Upper

106 100

91 208.0 163.3 244.9

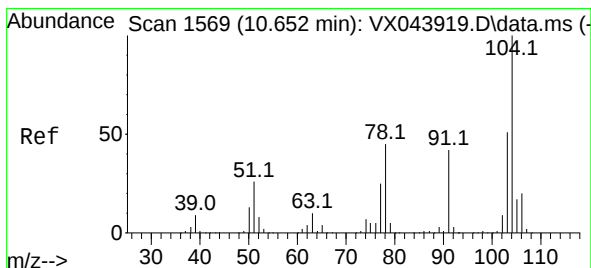
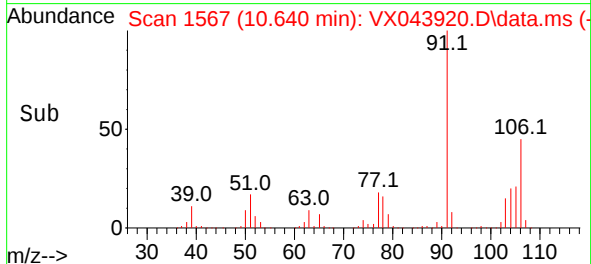
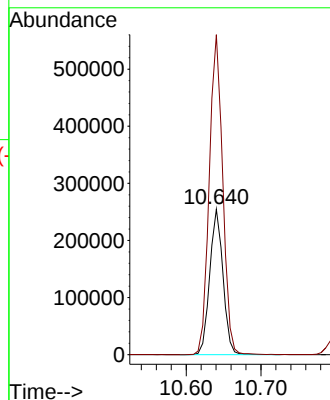
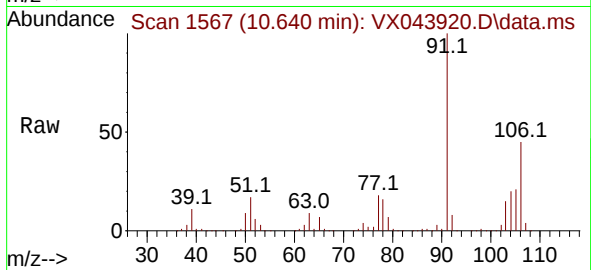




#69
o-Xylene
Concen: 109.513 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX043920.D
Acq: 20 Nov 2024 18:06

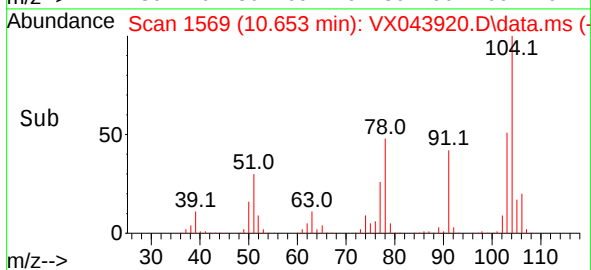
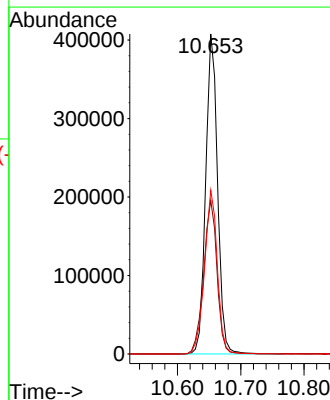
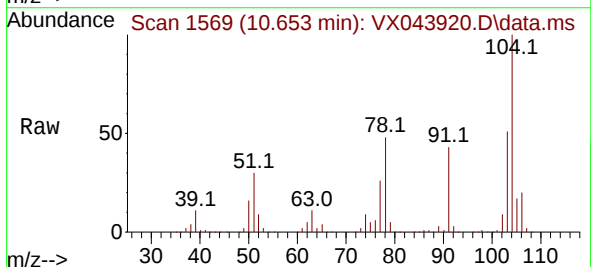
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

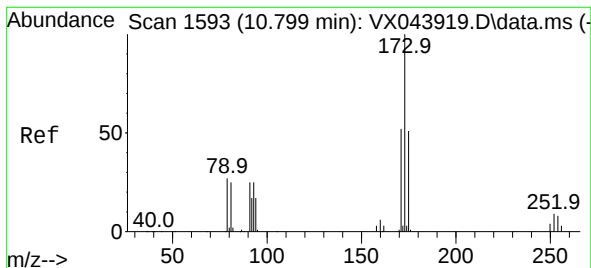
Tgt Ion:106 Resp: 313286
Ion Ratio Lower Upper
106 100
91 223.2 109.6 328.6



#70
Styrene
Concen: 113.199 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX043920.D
Acq: 20 Nov 2024 18:06

Tgt Ion:104 Resp: 533689
Ion Ratio Lower Upper
104 100
78 54.1 40.3 60.5
103 55.4 43.9 65.9





#71

Bromoform

Concen: 104.909 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX043920.D

Acq: 20 Nov 2024 18:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

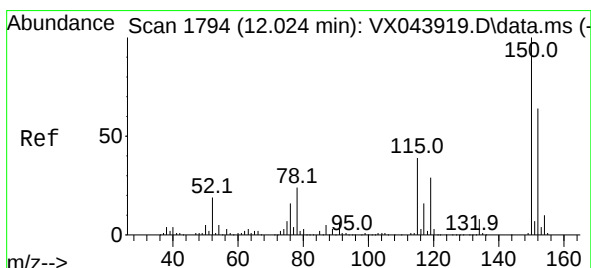
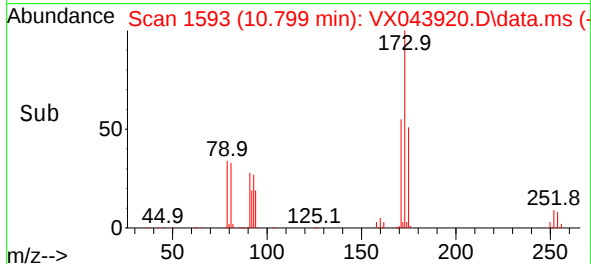
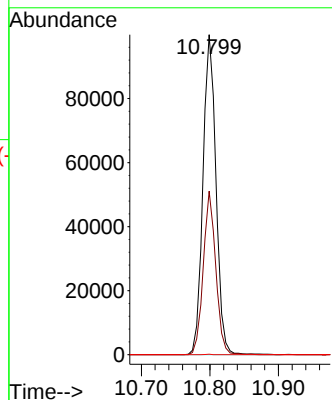
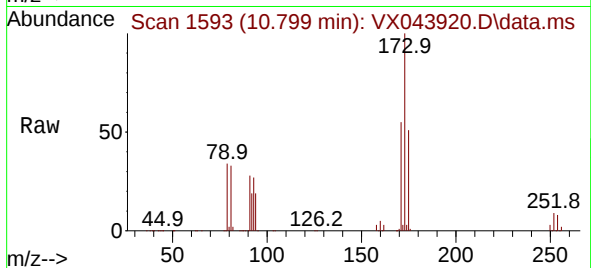
Tgt Ion:173 Resp: 132185

Ion Ratio Lower Upper

173 100

175 49.2 24.6 73.8

254 0.1 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: VX043920.D

Acq: 20 Nov 2024 18:06

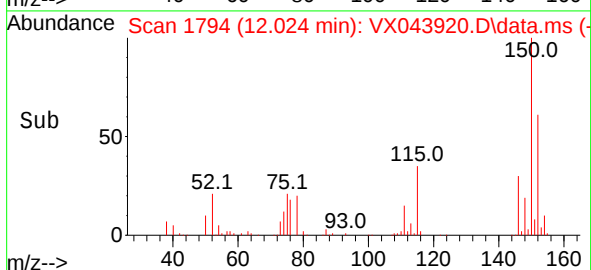
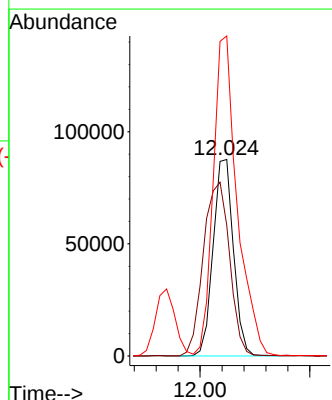
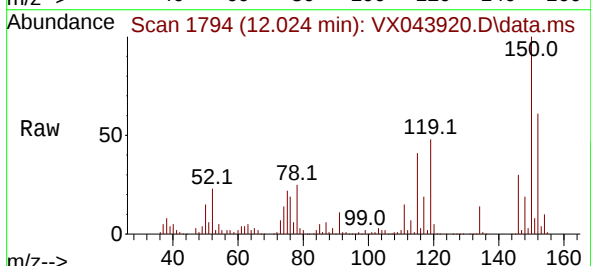
Tgt Ion:152 Resp: 112869

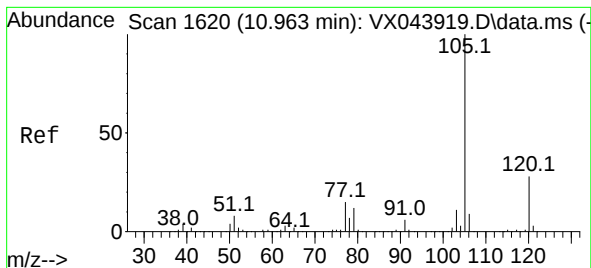
Ion Ratio Lower Upper

152 100

115 114.4 42.1 126.3

150 191.9 0.0 348.2





#73

Isopropylbenzene

Concen: 103.478 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043920.D

Acq: 20 Nov 2024 18:06

Instrument :

MSVOA_X

ClientSampleId :

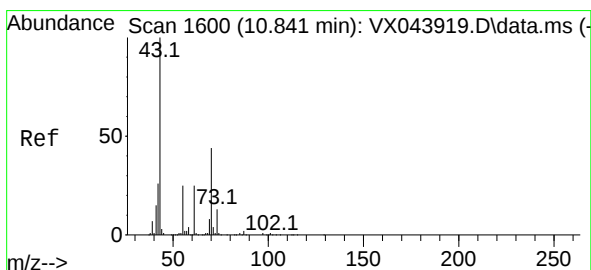
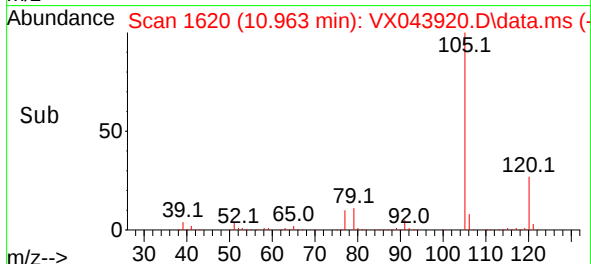
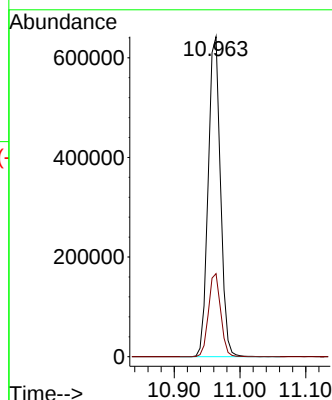
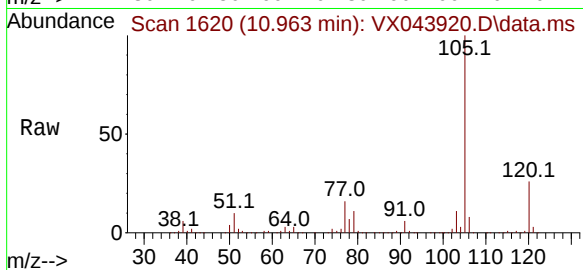
VSTDIC100

Tgt Ion:105 Resp: 833683

Ion Ratio Lower Upper

105 100

120 25.8 13.3 39.8



#74

N-ethyl acetate

Concen: 98.403 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX043920.D

Acq: 20 Nov 2024 18:06

Tgt Ion: 43 Resp: 417705

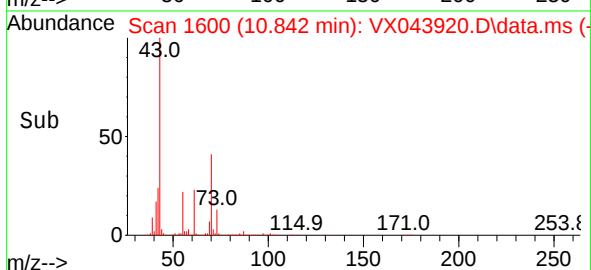
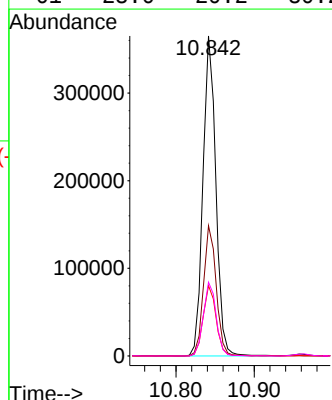
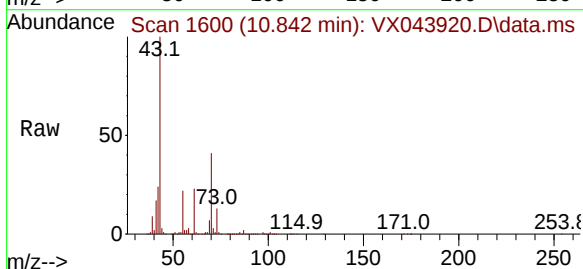
Ion Ratio Lower Upper

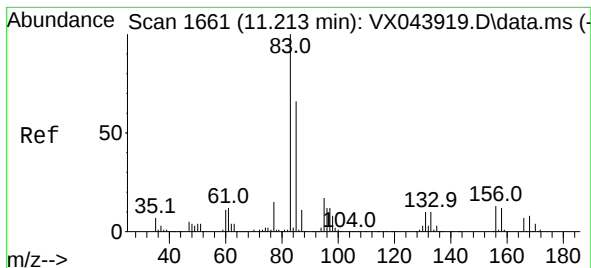
43 100

70 40.2 36.5 54.7

55 22.1 19.6 29.4

61 23.0 20.2 30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 103.052 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043920.D

Acq: 20 Nov 2024 18:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

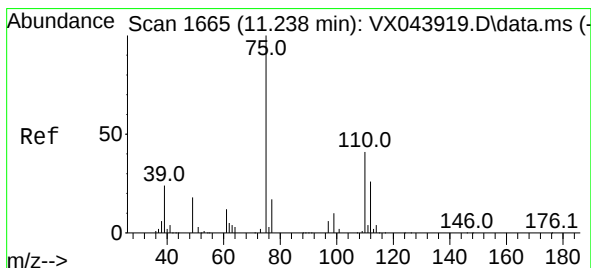
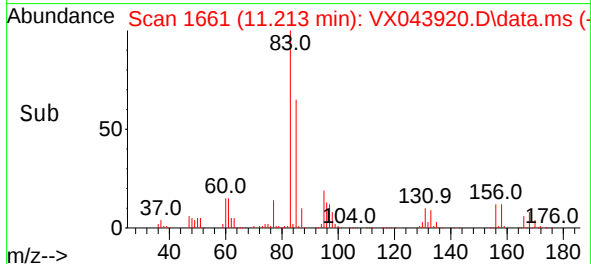
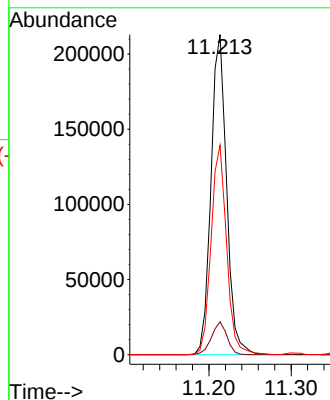
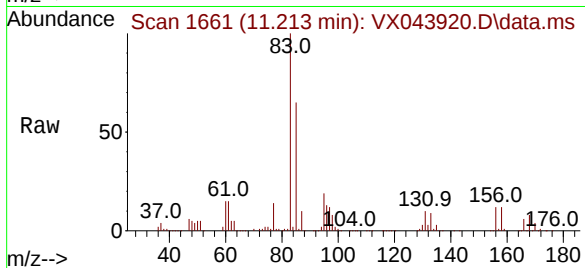
Tgt Ion: 83 Resp: 280715

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

85 65.0 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 139.117 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX043920.D

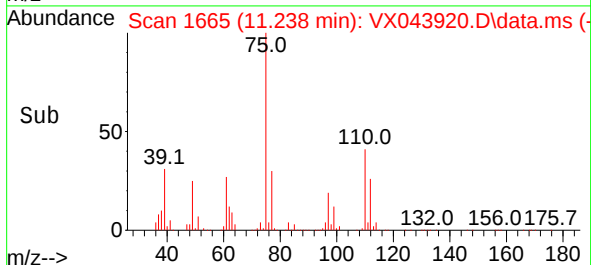
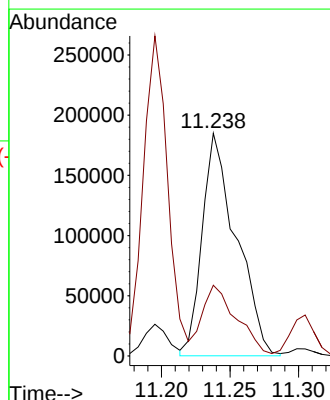
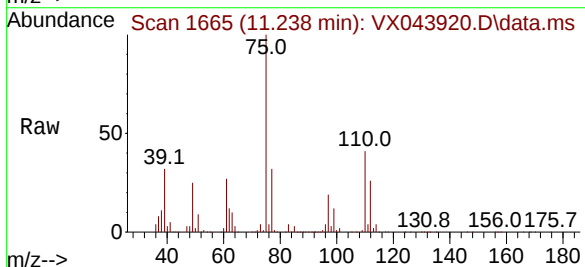
Acq: 20 Nov 2024 18:06

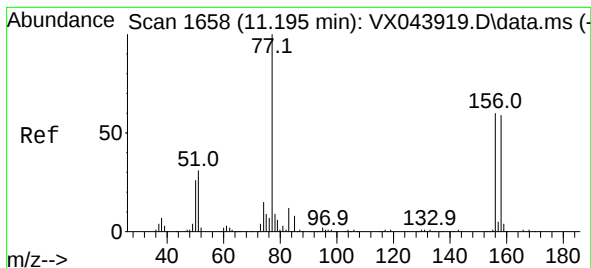
Tgt Ion: 75 Resp: 320448

Ion Ratio Lower Upper

75 100

77 32.2 22.4 67.0





#77

Bromobenzene

Concen: 103.983 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX043920.D

Acq: 20 Nov 2024 18:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

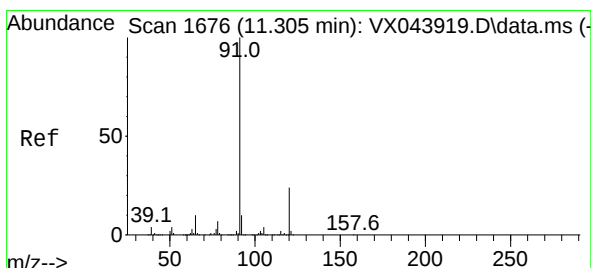
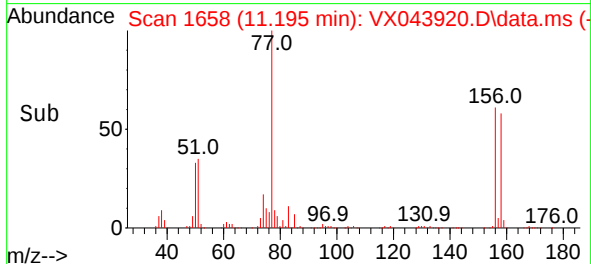
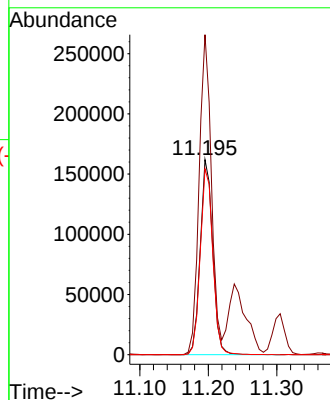
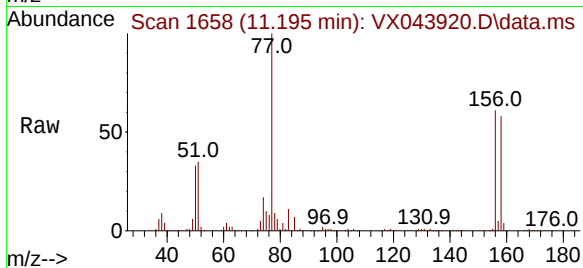
Tgt Ion:156 Resp: 205320

Ion Ratio Lower Upper

156 100

77 161.4 81.2 243.6

158 96.4 48.6 145.8



#78

n-propylbenzene

Concen: 108.255 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX043920.D

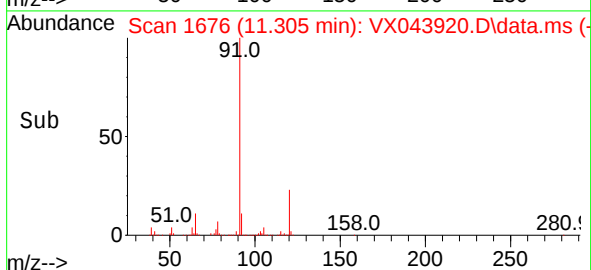
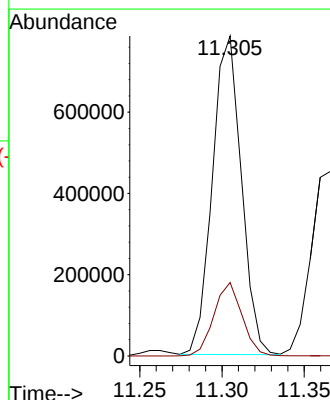
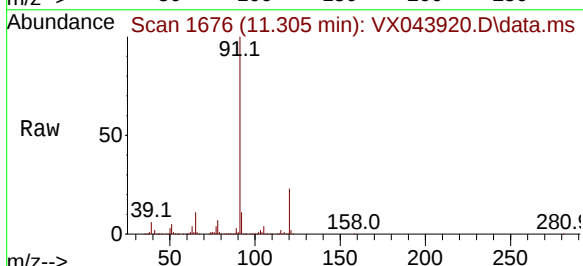
Acq: 20 Nov 2024 18:06

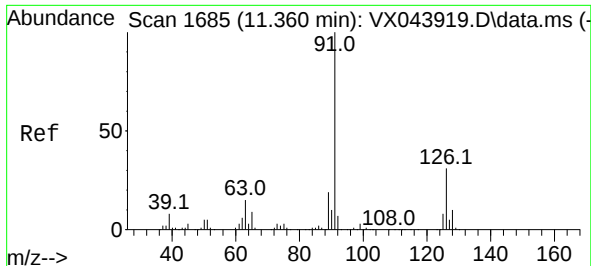
Tgt Ion: 91 Resp: 962345

Ion Ratio Lower Upper

91 100

120 22.4 11.5 34.5

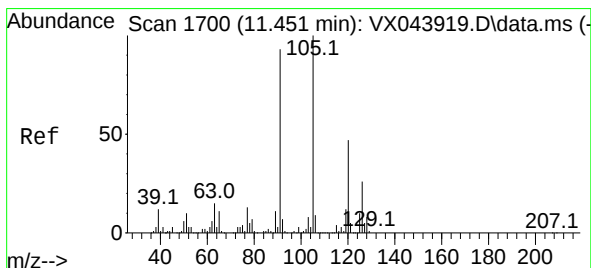
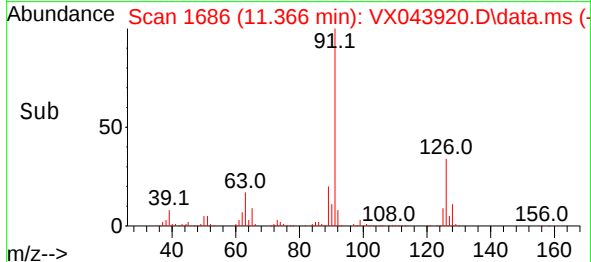
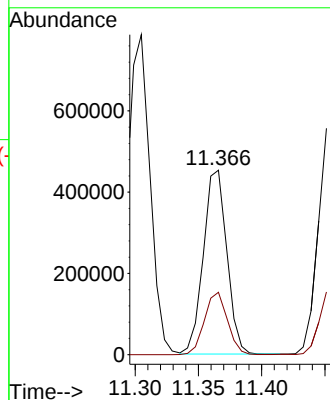
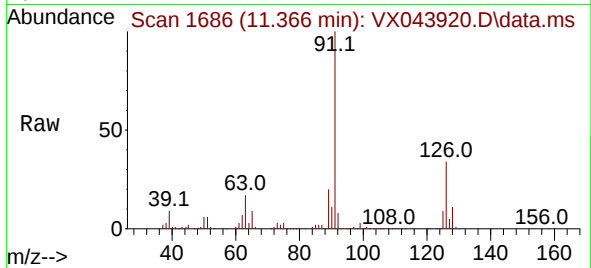




#79
2-Chlorotoluene
Concen: 103.338 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VX043920.D
Acq: 20 Nov 2024 18:06

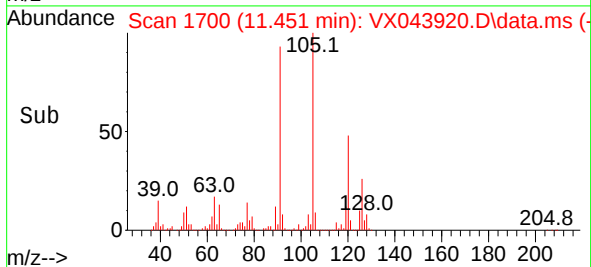
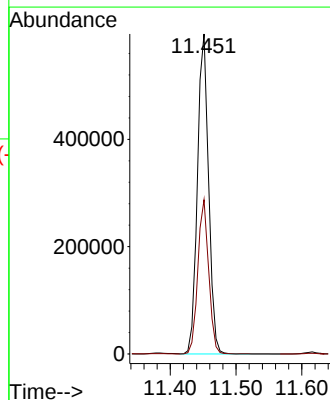
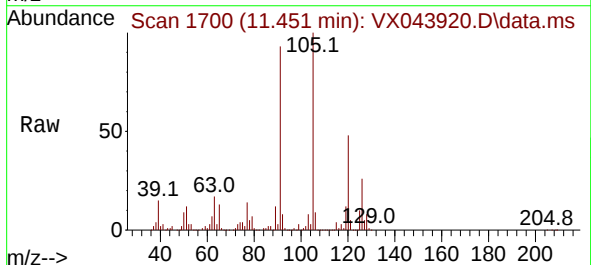
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

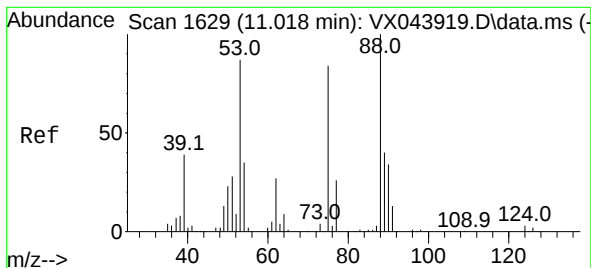
Tgt Ion: 91 Resp: 584523
Ion Ratio Lower Upper
91 100
126 33.3 16.4 49.4



#80
1,3,5-Trimethylbenzene
Concen: 104.362 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX043920.D
Acq: 20 Nov 2024 18:06

Tgt Ion:105 Resp: 696948
Ion Ratio Lower Upper
105 100
120 47.0 23.8 71.5

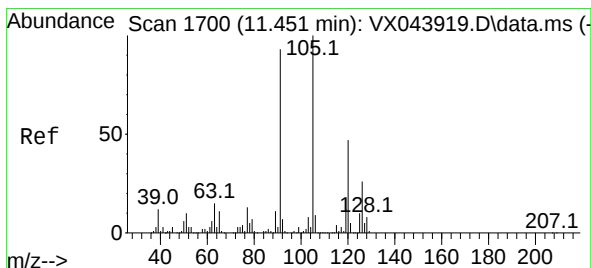
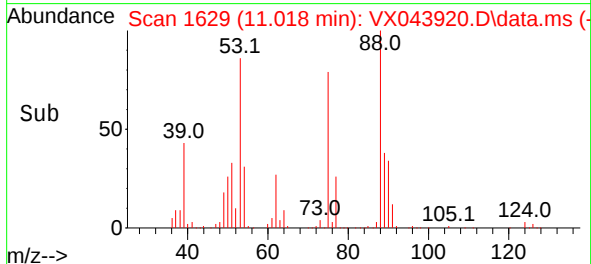
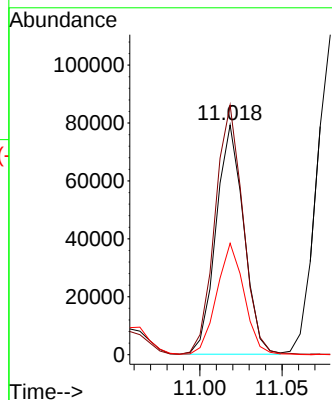
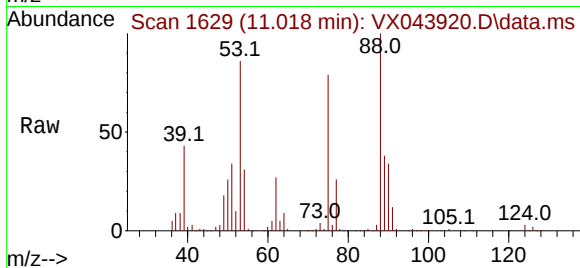




#81
trans-1,4-Dichloro-2-butene
Concen: 96.440 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX043920.D
Acq: 20 Nov 2024 18:06

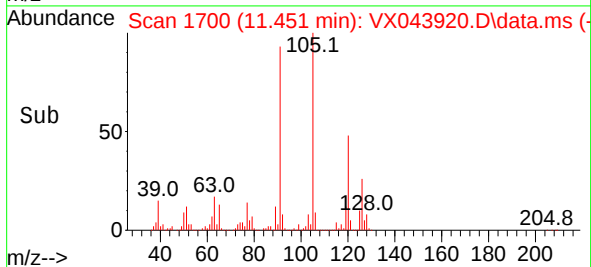
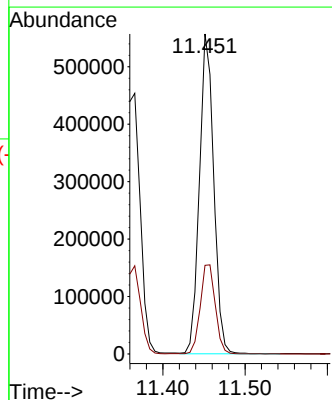
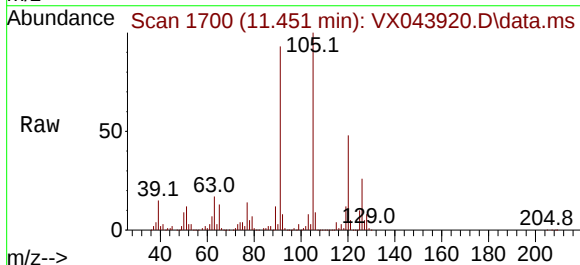
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

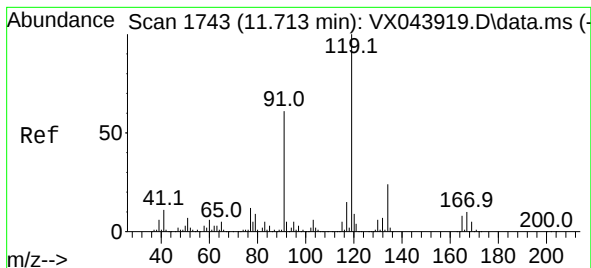
Tgt Ion: 75 Resp: 92899
Ion Ratio Lower Upper
75 100
53 109.8 81.7 122.5
89 48.2 38.6 57.8



#82
4-Chlorotoluene
Concen: 103.398 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX043920.D
Acq: 20 Nov 2024 18:06

Tgt Ion: 91 Resp: 673564
Ion Ratio Lower Upper
91 100
126 29.2 14.4 43.2





#83

tert-Butylbenzene

Concen: 102.998 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX043920.D

Acq: 20 Nov 2024 18:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

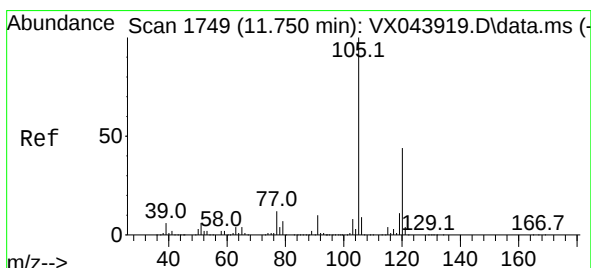
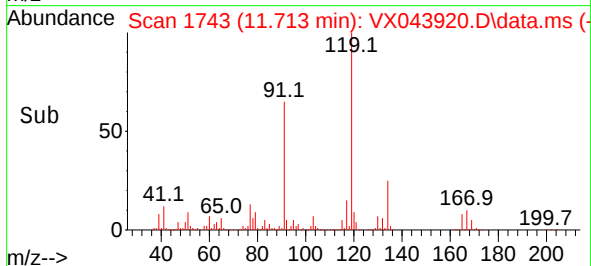
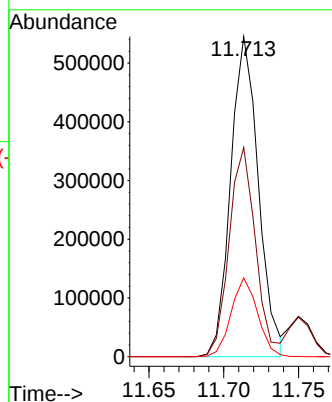
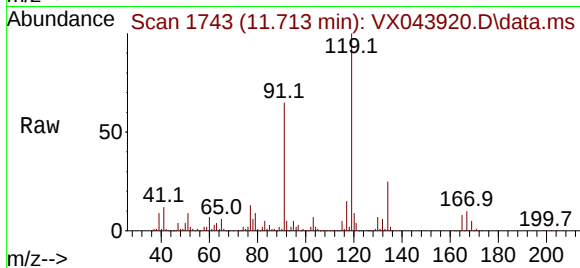
Tgt Ion:119 Resp: 703611

Ion Ratio Lower Upper

119 100

91 62.4 29.5 88.6

134 23.4 11.8 35.3



#84

1,2,4-Trimethylbenzene

Concen: 104.913 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX043920.D

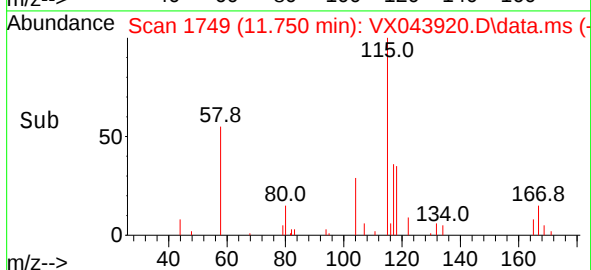
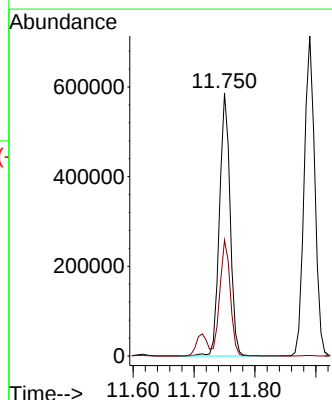
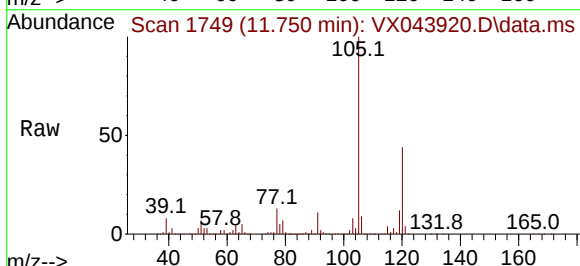
Acq: 20 Nov 2024 18:06

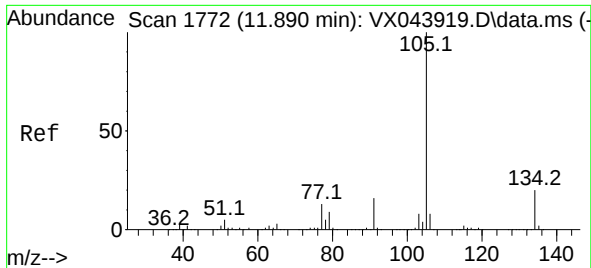
Tgt Ion:105 Resp: 711519

Ion Ratio Lower Upper

105 100

120 43.6 21.7 65.1

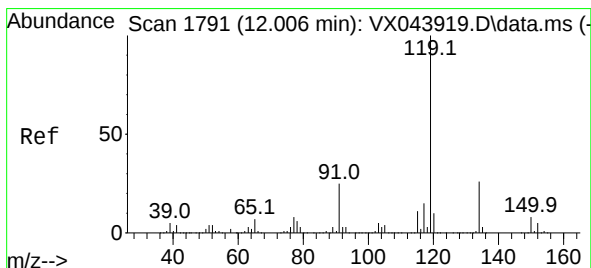
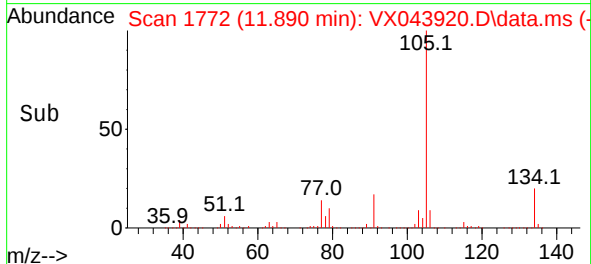
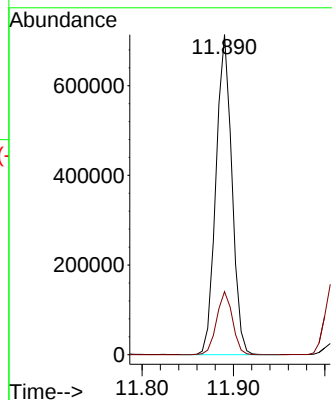
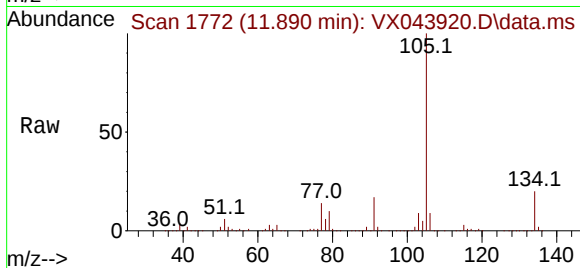




#85
sec-Butylbenzene
Concen: 105.793 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX043920.D
Acq: 20 Nov 2024 18:06

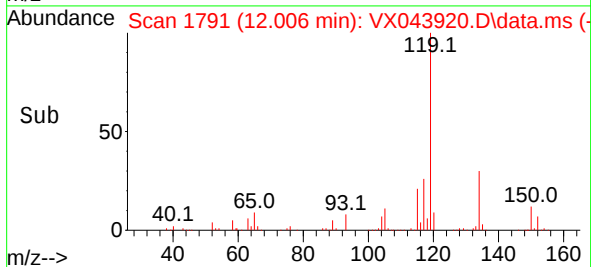
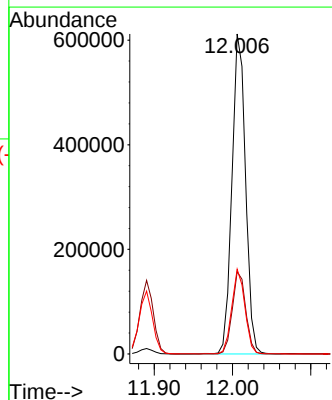
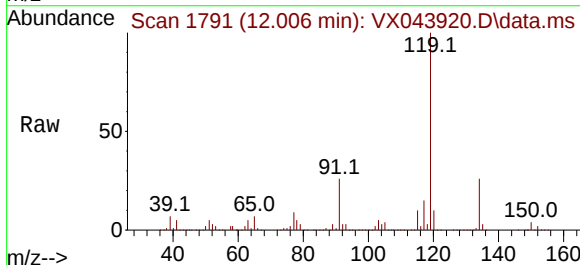
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

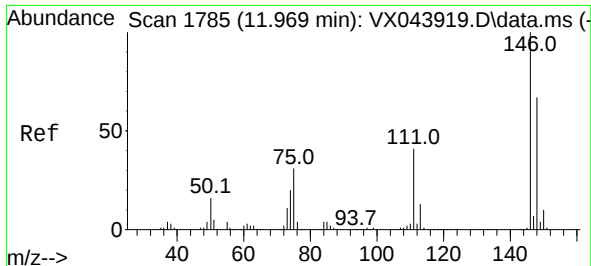
Tgt Ion:105 Resp: 863027
Ion Ratio Lower Upper
105 100
134 19.7 10.0 29.8



#86
p-Isopropyltoluene
Concen: 107.512 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX043920.D
Acq: 20 Nov 2024 18:06

Tgt Ion:119 Resp: 736430
Ion Ratio Lower Upper
119 100
134 25.5 13.0 38.9
91 25.7 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 103.829 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX043920.D

Acq: 20 Nov 2024 18:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

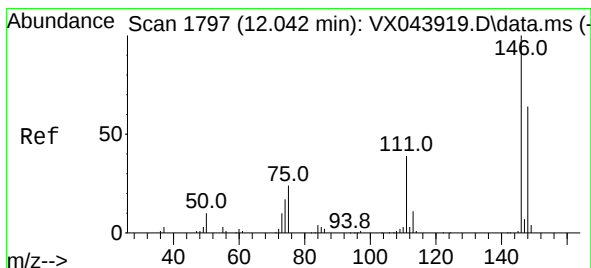
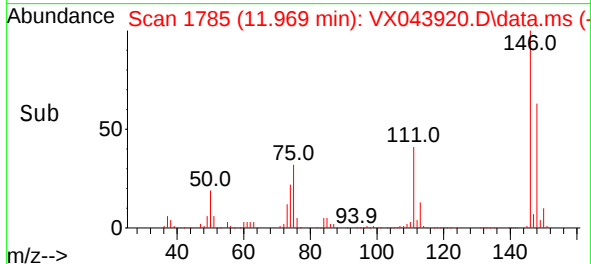
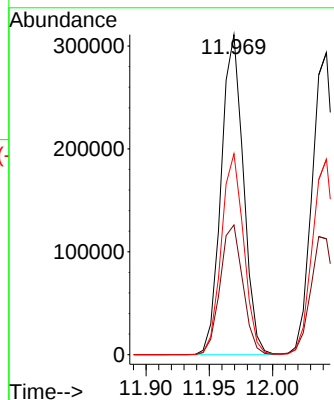
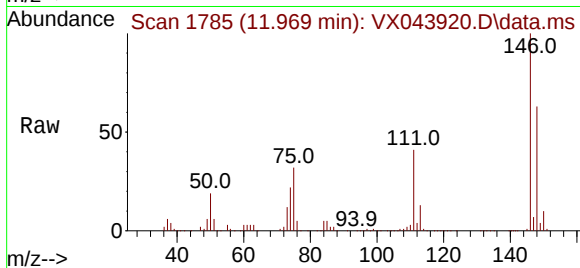
Tgt Ion:146 Resp: 379956

Ion Ratio Lower Upper

146 100

111 41.5 20.8 62.2

148 63.0 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 99.643 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX043920.D

Acq: 20 Nov 2024 18:06

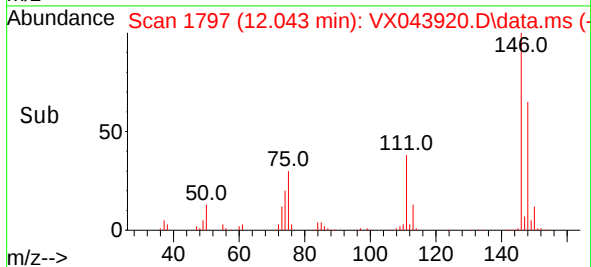
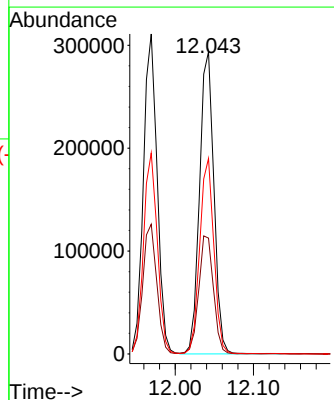
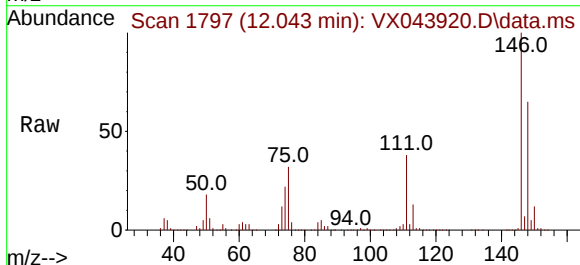
Tgt Ion:146 Resp: 373828

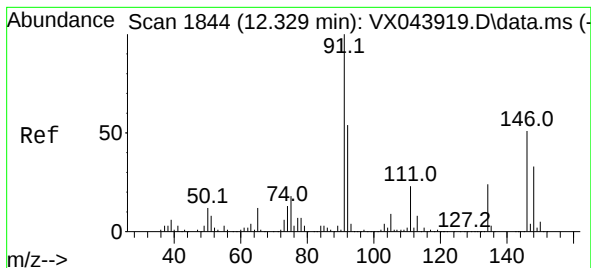
Ion Ratio Lower Upper

146 100

111 40.2 20.1 60.2

148 63.6 32.2 96.6





#89

n-Butylbenzene

Concen: 121.685 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX043920.D

Acq: 20 Nov 2024 18:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

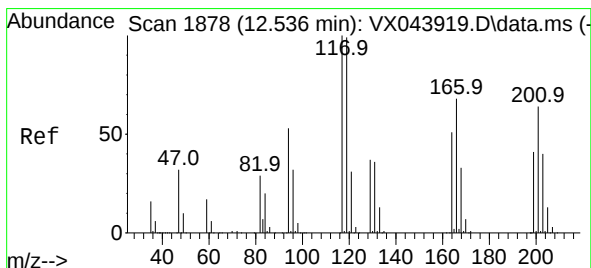
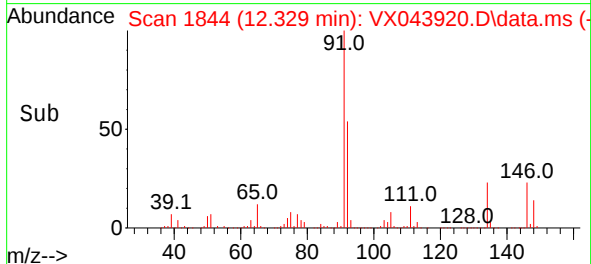
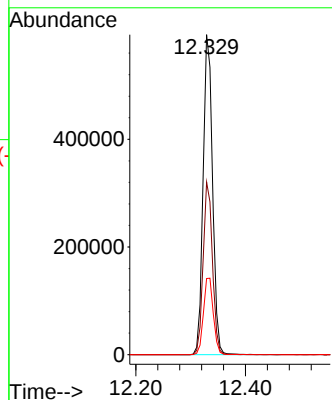
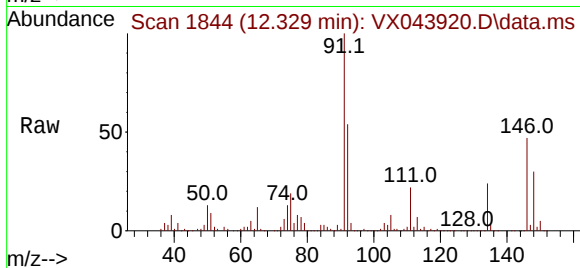
Tgt Ion: 91 Resp: 710224

Ion Ratio Lower Upper

91 100

92 53.4 26.9 80.6

134 25.0 12.9 38.6



#90

Hexachloroethane

Concen: 108.948 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX043920.D

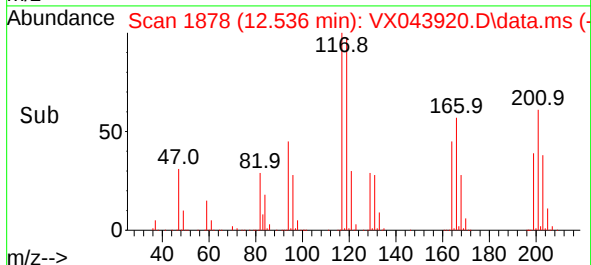
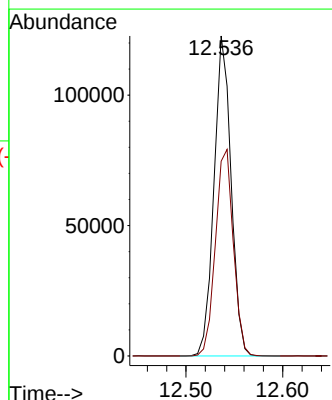
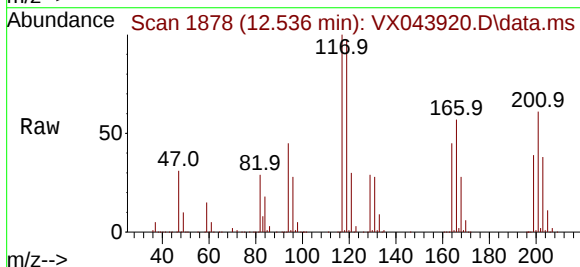
Acq: 20 Nov 2024 18:06

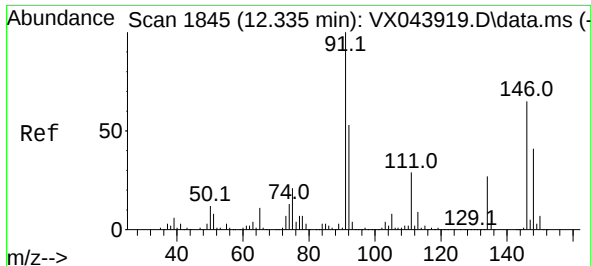
Tgt Ion:117 Resp: 150598

Ion Ratio Lower Upper

117 100

201 67.6 34.1 102.3





#91

1,2-Dichlorobenzene

Concen: 107.867 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX043920.D

Acq: 20 Nov 2024 18:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

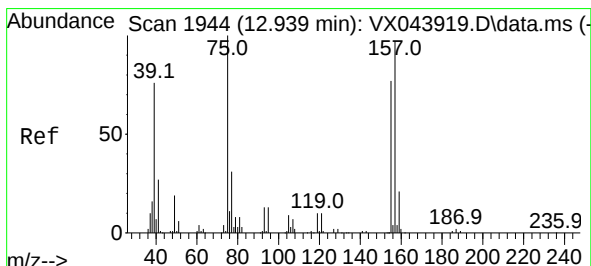
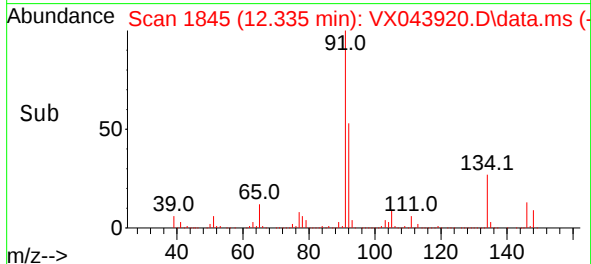
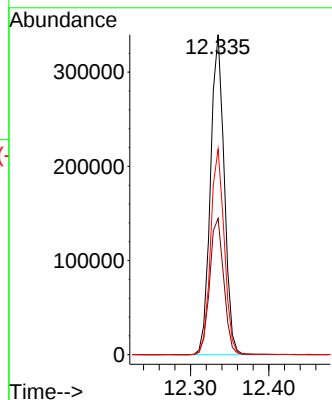
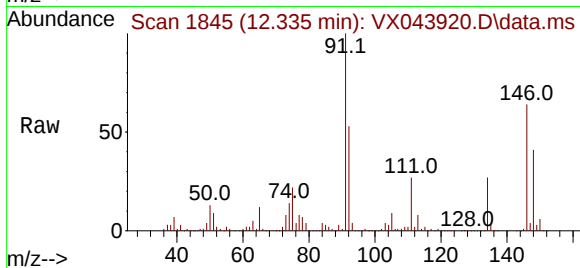
Tgt Ion:146 Resp: 413278

Ion Ratio Lower Upper

146 100

111 43.7 21.7 65.1

148 63.9 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 107.207 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX043920.D

Acq: 20 Nov 2024 18:06

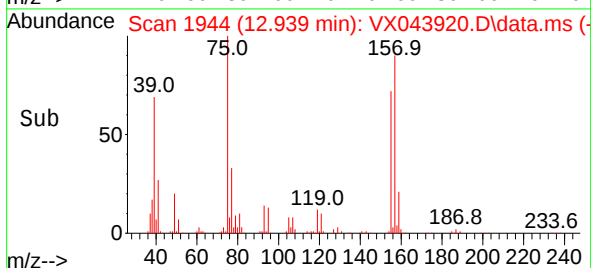
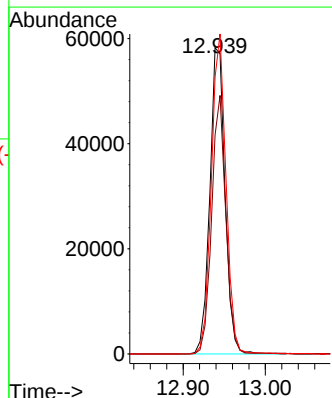
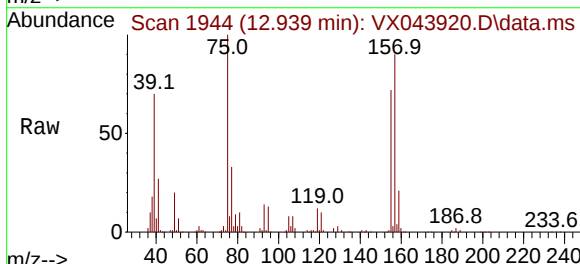
Tgt Ion: 75 Resp: 74962

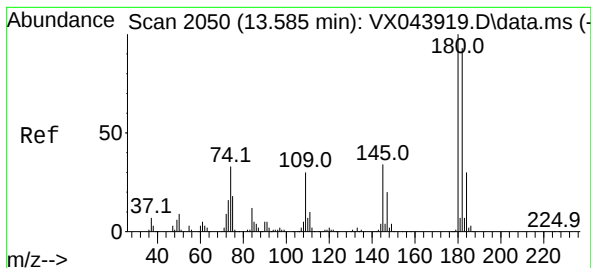
Ion Ratio Lower Upper

75 100

155 78.3 40.8 122.5

157 100.6 54.3 162.9





#93

1,2,4-Trichlorobenzene

Concen: 125.427 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX043920.D

Acq: 20 Nov 2024 18:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

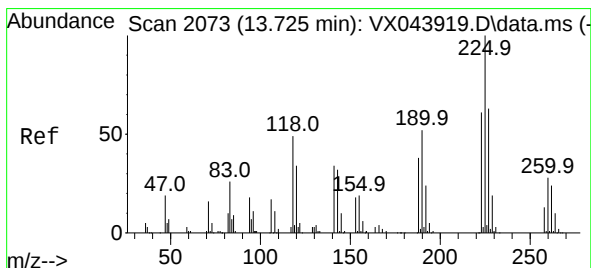
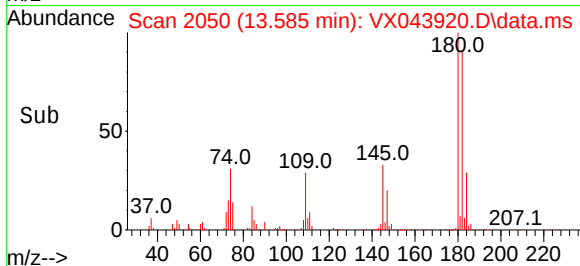
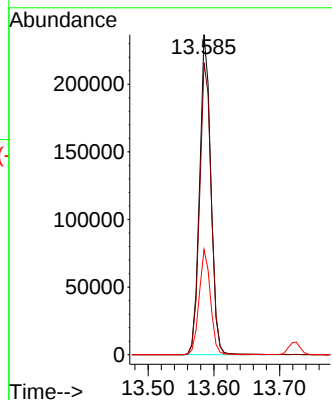
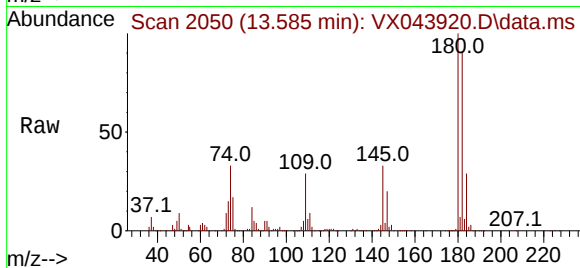
Tgt Ion:180 Resp: 280845

Ion Ratio Lower Upper

180 100

182 94.1 46.8 140.4

145 32.9 16.4 49.2



#94

Hexachlorobutadiene

Concen: 113.491 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX043920.D

Acq: 20 Nov 2024 18:06

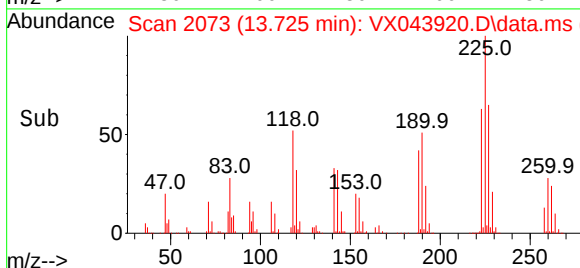
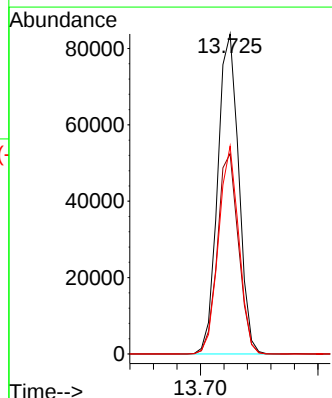
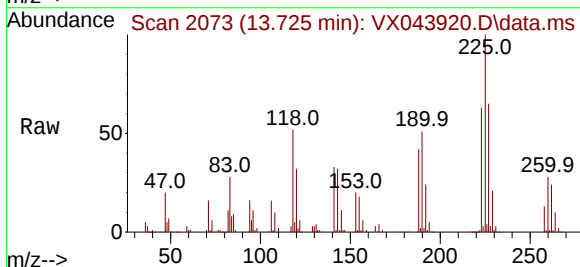
Tgt Ion:225 Resp: 104142

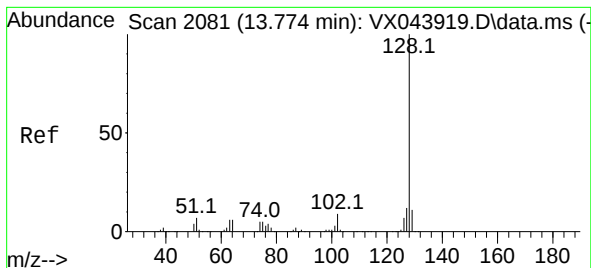
Ion Ratio Lower Upper

225 100

223 62.7 31.1 93.3

227 62.7 29.8 89.5





#95

Naphthalene

Concen: 122.159 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX043920.D

Acq: 20 Nov 2024 18:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

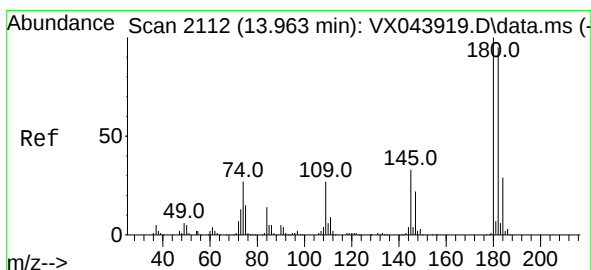
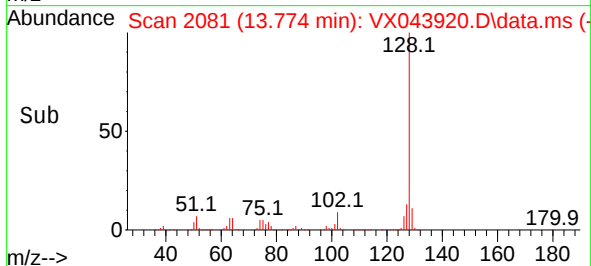
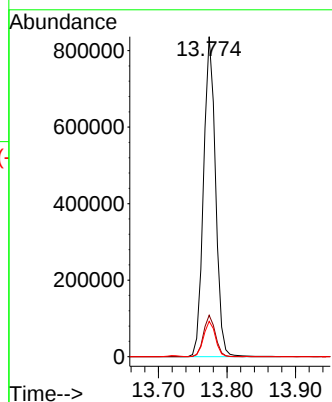
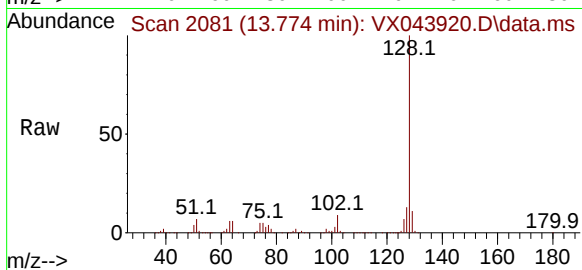
Tgt Ion:128 Resp: 1019883

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 121.285 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX043920.D

Acq: 20 Nov 2024 18:06

Tgt Ion:180 Resp: 282947

Ion Ratio Lower Upper

180 100

182 94.5 47.6 142.8

145 34.3 17.4 52.2

