

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010423\
 Data File : VX033613.D
 Acq On : 04 Jan 2023 12:14
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Jan 05 04:15:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010423W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 05 04:12:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	188744	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	261493	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	244971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	99285	46.598	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.200%
35) Dibromofluoromethane	5.385	113	83694	48.694	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.380%
50) Toluene-d8	8.647	98	305014	49.650	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.300%
62) 4-Bromofluorobenzene	11.079	95	114607	52.631	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.260%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	81462	54.094	ug/l	100
3) Chloromethane	1.295	50	92171	48.113	ug/l	100
4) Vinyl Chloride	1.374	62	90271	53.125	ug/l	100
5) Bromomethane	1.618	94	41484	43.659	ug/l	100
6) Chloroethane	1.691	64	48552	49.587	ug/l	100
7) Trichlorofluoromethane	1.886	101	112079	46.624	ug/l	100
8) Diethyl Ether	2.130	74	35555	47.028	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	62173	48.907	ug/l	100
10) Methyl Iodide	2.453	142	120537	54.958	ug/l	100
11) Tert butyl alcohol	3.014	59	85636	245.138	ug/l	100
12) 1,1-Dichloroethene	2.319	96	55853	47.165	ug/l	100
13) Acrolein	2.240	56	49096	212.820	ug/l	100
14) Allyl chloride	2.666	41	146671	49.810	ug/l	100
15) Acrylonitrile	3.069	53	230581	243.550	ug/l	100
16) Acetone	2.398	43	206851	251.765	ug/l	100
17) Carbon Disulfide	2.514	76	201000	51.667	ug/l	100
18) Methyl Acetate	2.703	43	143160	48.475	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	273428	49.339	ug/l	100
20) Methylene Chloride	2.788	84	88887	41.737	ug/l	100
21) trans-1,2-Dichloroethene	3.093	96	84676	48.621	ug/l	100
22) Diisopropyl ether	3.758	45	295902	49.874	ug/l	100
23) Vinyl Acetate	3.721	43	1162132	255.084	ug/l	100
24) 1,1-Dichloroethane	3.611	63	156502	48.754	ug/l	100
25) 2-Butanone	4.562	43	334450	240.551	ug/l	100
26) 2,2-Dichloropropane	4.477	77	109404	49.298	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	98741	48.884	ug/l	100
28) Bromochloromethane	4.898	49	62228	47.722	ug/l	100
29) Tetrahydrofuran	5.013	42	218833	248.006	ug/l	100
30) Chloroform	5.093	83	161442	49.230	ug/l	100
31) Cyclohexane	5.471	56	146304	49.326	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	140702	49.621	ug/l	100
36) 1,1-Dichloropropene	5.690	75	117200	50.340	ug/l	100
37) Ethyl Acetate	4.715	43	134044	46.707	ug/l	100
38) Carbon Tetrachloride	5.678	117	123672	50.195	ug/l	100
39) Methylcyclohexane	7.379	83	151880	52.247	ug/l	100
40) Benzene	6.038	78	348802	51.259	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	75639	53.472	ug/l	100
42) 1,2-Dichloroethane	6.086	62	130169	51.318	ug/l	100
43) Isopropyl Acetate	6.342	43	209036	52.514	ug/l	100
44) Trichloroethene	7.123	130	98606	50.781	ug/l	100
45) 1,2-Dichloropropane	7.428	63	90489	51.622	ug/l	100
46) Dibromomethane	7.580	93	63926	52.090	ug/l	100
47) Bromodichloromethane	7.818	83	124159	52.221	ug/l	100
48) Methyl methacrylate	7.690	41	107071	53.139	ug/l	100
49) 1,4-Dioxane	7.720	88	44311	1033.915	ug/l	100
51) 4-Methyl-2-Pentanone	8.574	43	667110	264.788	ug/l	100
52) Toluene	8.720	92	231058	51.647	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	132027	55.630	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	144066	54.742	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	92369	52.712	ug/l	100
56) Ethyl methacrylate	9.116	69	143325	54.787	ug/l	100
57) 1,3-Dichloropropane	9.305	76	155398	51.832	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	353740	265.825	ug/l	100
59) 2-Hexanone	9.433	43	493793	265.318	ug/l	100
60) Dibromochloromethane	9.519	129	103185	53.834	ug/l	100
61) 1,2-Dibromoethane	9.610	107	99024	53.426	ug/l	100
64) Tetrachloroethene	9.275	164	88450	49.062	ug/l	100
65) Chlorobenzene	10.080	112	243702	48.613	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	95804	51.125	ug/l	100
67) Ethyl Benzene	10.195	91	447637	51.156	ug/l	100
68) m/p-Xylenes	10.299	106	349081	102.221	ug/l	100
69) o-Xylene	10.640	106	172741	51.019	ug/l	100
70) Styrene	10.653	104	287888	51.757	ug/l	100
71) Bromoform	10.799	173	81014	53.999	ug/l #	100
73) Isopropylbenzene	10.964	105	455872	48.883	ug/l	100
74) N-amyl acetate	10.842	43	183423	48.540	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.214	83	137552	47.323	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	147985	61.170	ug/l	83
77) Bromobenzene	11.195	156	117907	47.762	ug/l	100
78) n-propylbenzene	11.305	91	517586	48.956	ug/l	100
79) 2-Chlorotoluene	11.366	91	304193	47.906	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	374215	48.740	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	39100	49.055	ug/l	100
82) 4-Chlorotoluene	11.451	91	350462	47.736	ug/l	100
83) tert-Butylbenzene	11.713	119	383012	47.814	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	369402	47.948	ug/l	100
85) sec-Butylbenzene	11.890	105	471593	49.830	ug/l	100
86) p-Isopropyltoluene	12.006	119	408717	50.538	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	214506	48.278	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	215605	49.605	ug/l	100
89) n-Butylbenzene	12.329	91	341474	50.492	ug/l	100
90) Hexachloroethane	12.536	117	65405	50.129	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	206354	48.606	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	29635	54.831	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	147127	57.590	ug/l	100
94) Hexachlorobutadiene	13.725	225	69781	53.800	ug/l	100
95) Naphthalene	13.774	128	436251	55.034	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	146091	56.361	ug/l	100

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ClientSampleId :
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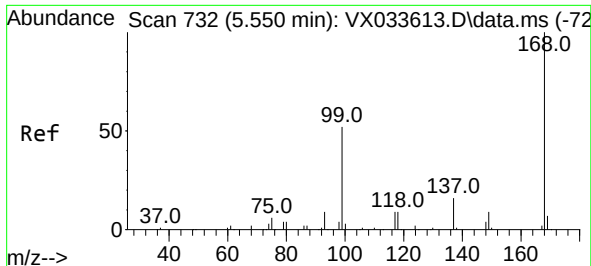
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Quant Title : SW846 8260
QLast Update : Thu Jan 05 04:12:17 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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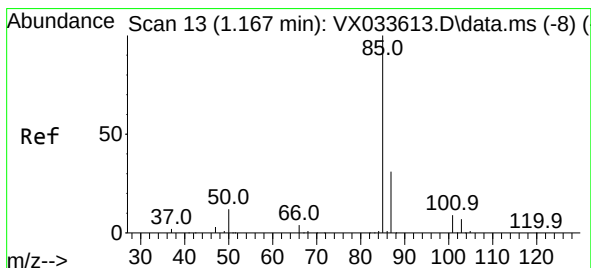
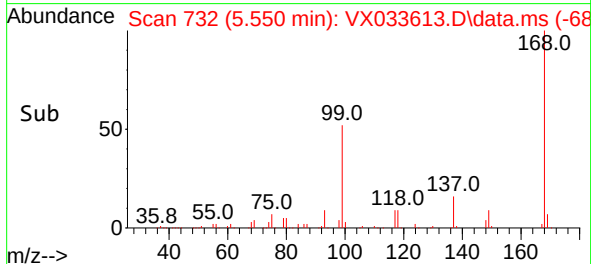
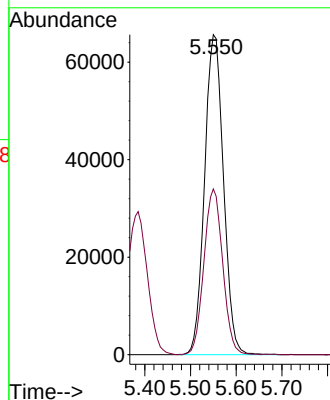
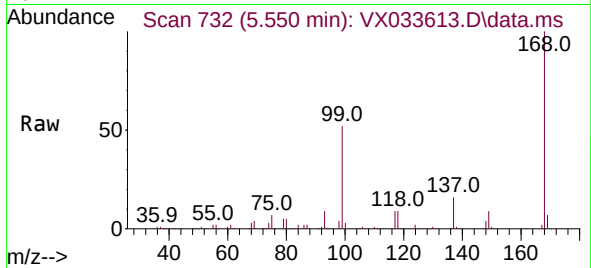




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033613.D
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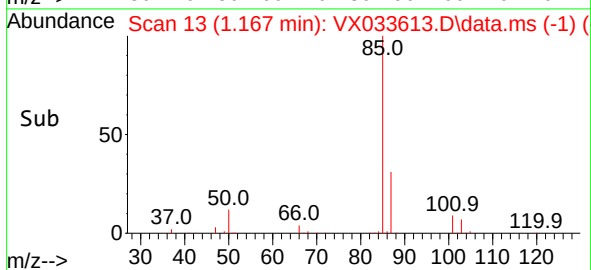
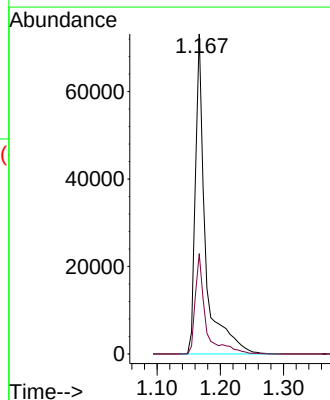
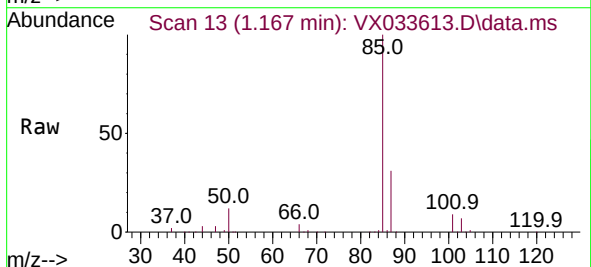
Instrument :
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ClientSampleId :
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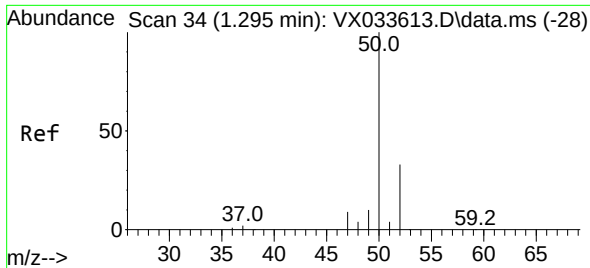
Tgt Ion:168 Resp: 188744
Ion Ratio Lower Upper
168 100
99 51.8 41.4 62.2



#2
Dichlorodifluoromethane
Concen: 54.094 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033613.D
Acq: 04 Jan 2023 12:14

Tgt Ion: 85 Resp: 81462
Ion Ratio Lower Upper
85 100
87 31.3 15.7 47.0

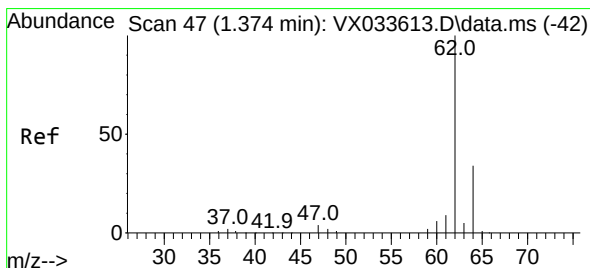
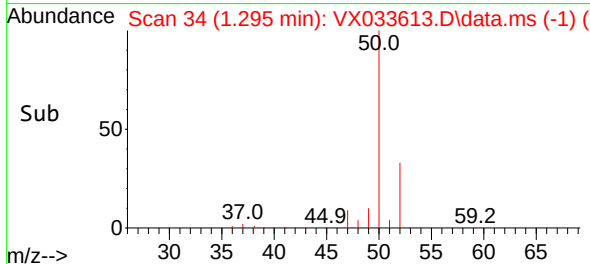
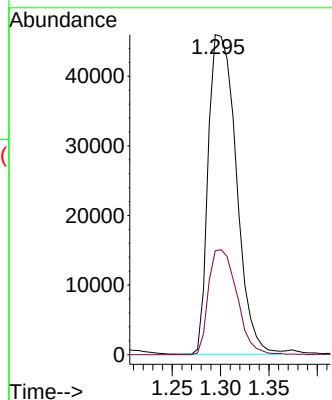
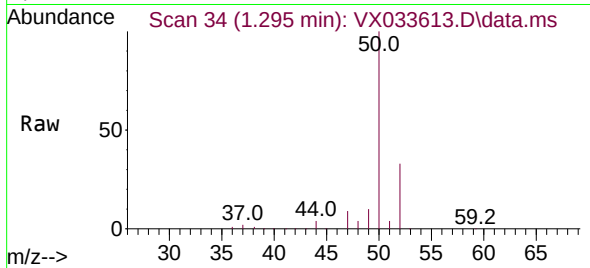




#3
Chloromethane
Concen: 48.113 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033613.D
Acq: 04 Jan 2023 12:14

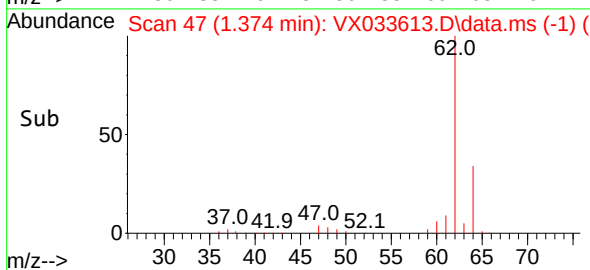
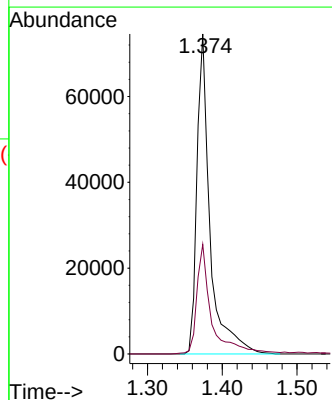
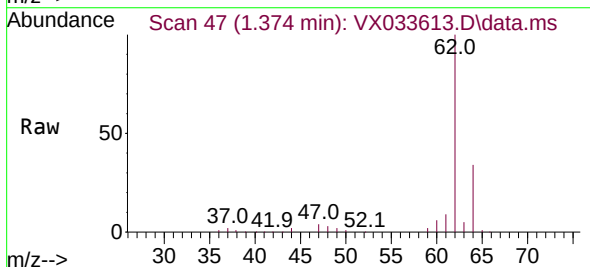
Instrument :
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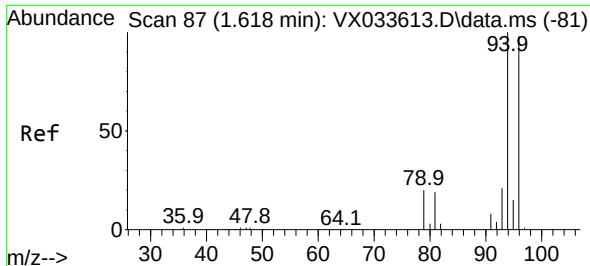
Tgt Ion: 50 Resp: 92171
Ion Ratio Lower Upper
50 100
52 32.6 26.1 39.1



#4
Vinyl Chloride
Concen: 53.125 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033613.D
Acq: 04 Jan 2023 12:14

Tgt Ion: 62 Resp: 90271
Ion Ratio Lower Upper
62 100
64 34.0 27.2 40.8

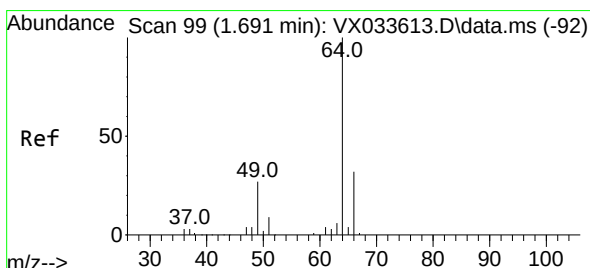
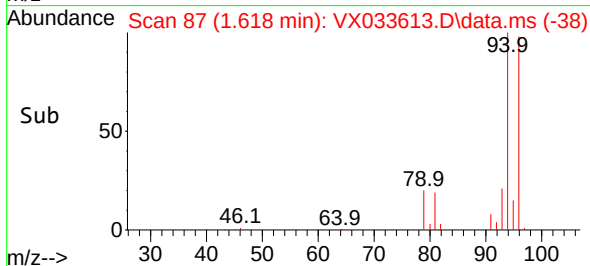
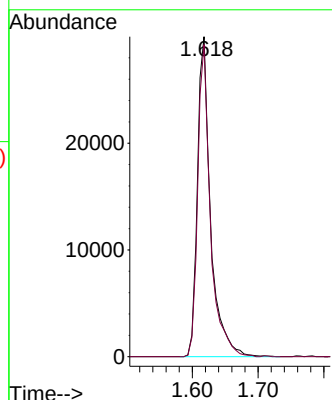
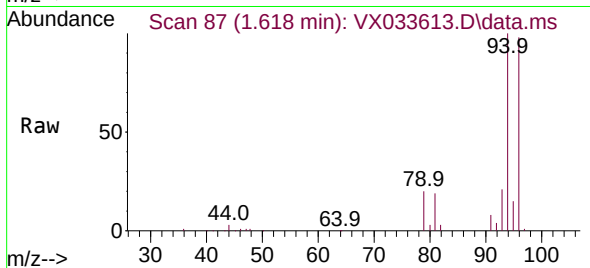




#5
Bromomethane
Concen: 43.659 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX033613.D
Acq: 04 Jan 2023 12:14

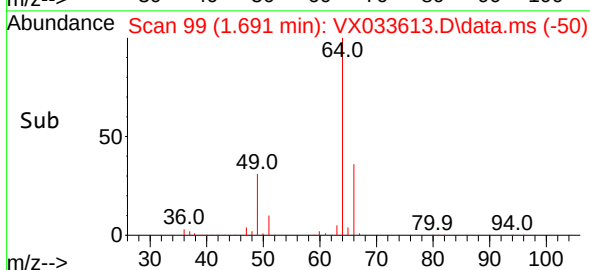
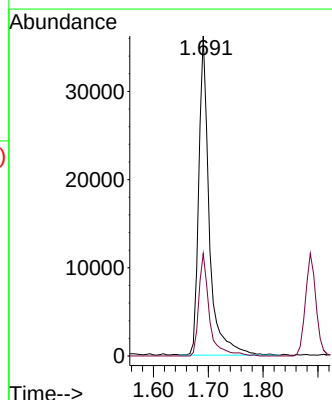
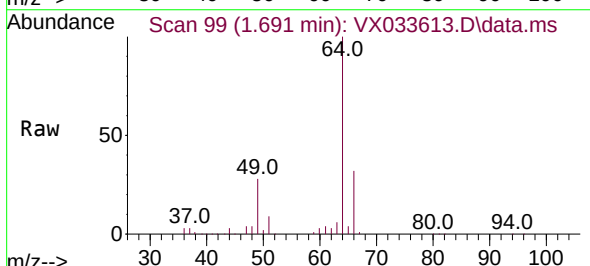
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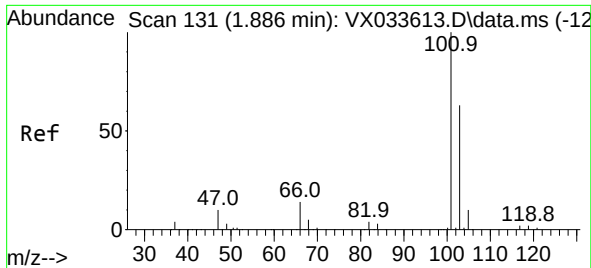
Tgt Ion: 94 Resp: 41484
Ion Ratio Lower Upper
94 100
96 97.5 78.0 117.0



#6
Chloroethane
Concen: 49.587 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX033613.D
Acq: 04 Jan 2023 12:14

Tgt Ion: 64 Resp: 48552
Ion Ratio Lower Upper
64 100
66 32.1 25.7 38.5

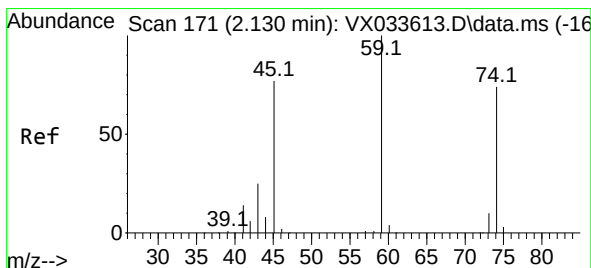
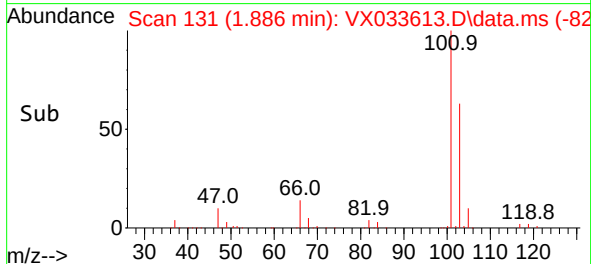
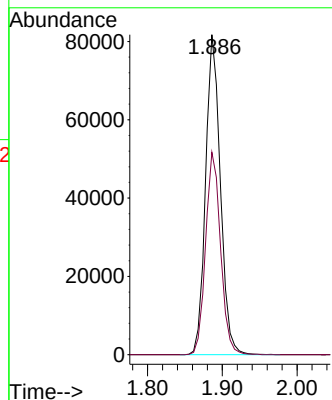
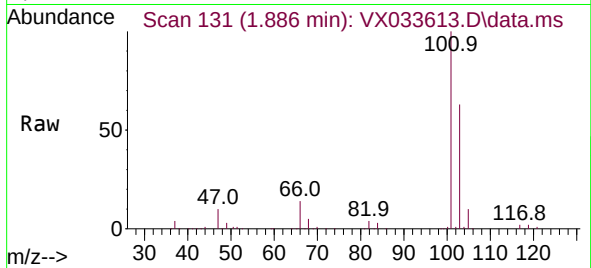




#7
 Trichlorofluoromethane
 Concen: 46.624 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. 0.000 min
 Lab File: VX033613.D
 Acq: 04 Jan 2023 12:14

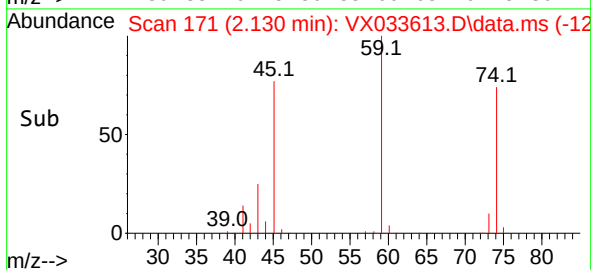
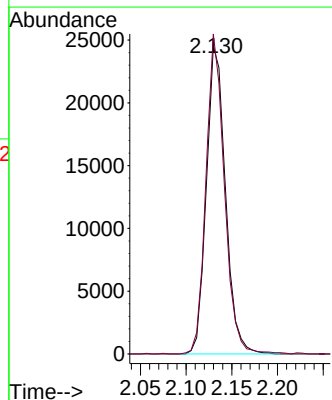
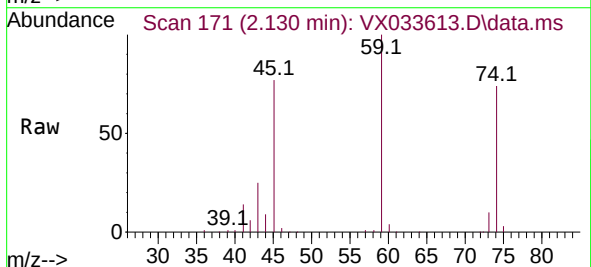
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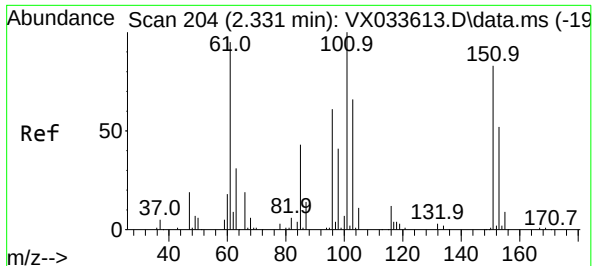
Tgt Ion:101 Resp: 112079
 Ion Ratio Lower Upper
 101 100
 103 63.2 50.6 75.8



#8
 Diethyl Ether
 Concen: 47.028 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VX033613.D
 Acq: 04 Jan 2023 12:14

Tgt Ion: 74 Resp: 35555
 Ion Ratio Lower Upper
 74 100
 45 100.3 50.1 150.4

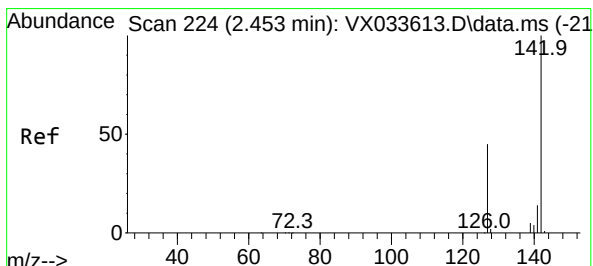
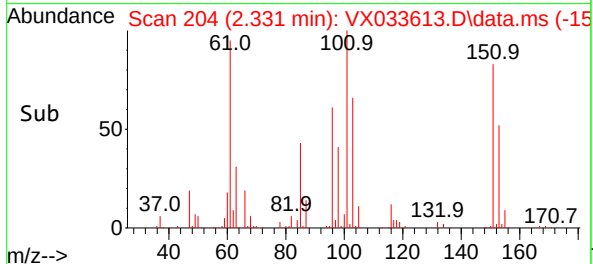
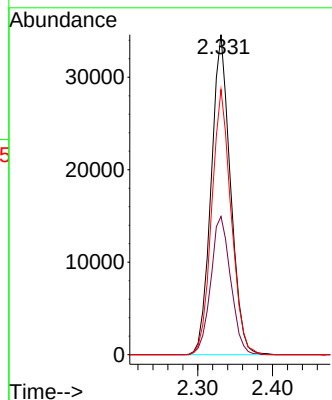
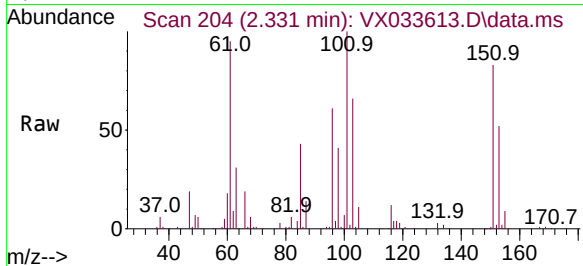




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.907 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX033613.D
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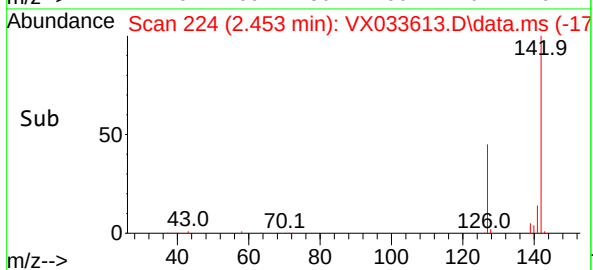
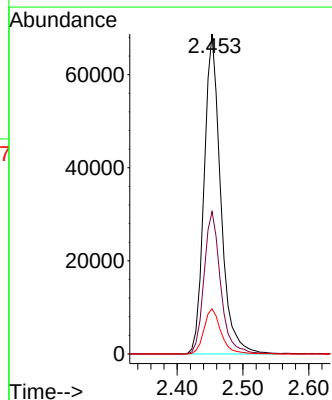
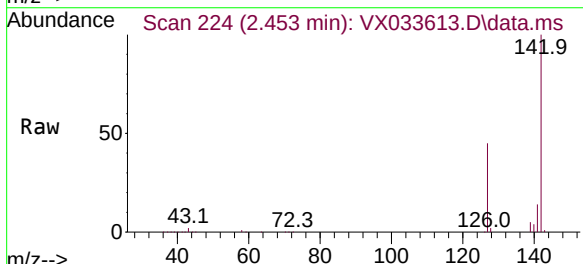
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

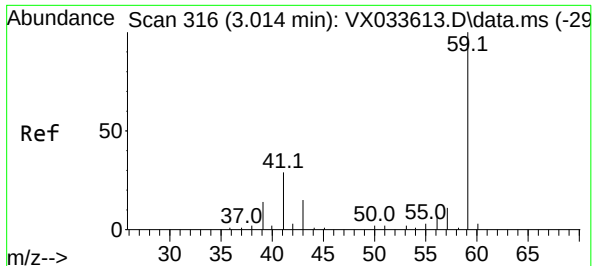
Tgt Ion:101 Resp: 62173
 Ion Ratio Lower Upper
 101 100
 85 44.6 35.7 53.5
 151 83.4 66.7 100.1



#10
 Methyl Iodide
 Concen: 54.958 ug/l
 RT: 2.453 min Scan# 224
 Delta R.T. 0.000 min
 Lab File: VX033613.D
 Acq: 04 Jan 2023 12:14

Tgt Ion:142 Resp: 120537
 Ion Ratio Lower Upper
 142 100
 127 44.6 35.7 53.5
 141 14.5 11.6 17.4





#11

Tert butyl alcohol

Concen: 245.138 ug/l

RT: 3.014 min Scan# 316

Delta R.T. 0.000 min

Lab File: VX033613.D

Acq: 04 Jan 2023 12:14

Instrument :

MSVOA_X

ClientSampleId :

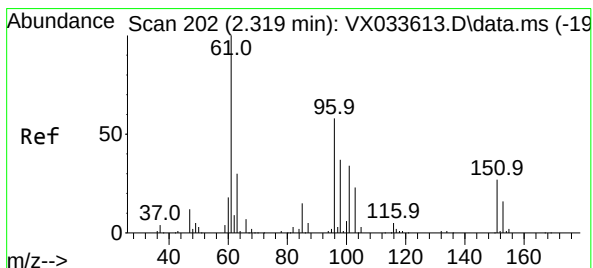
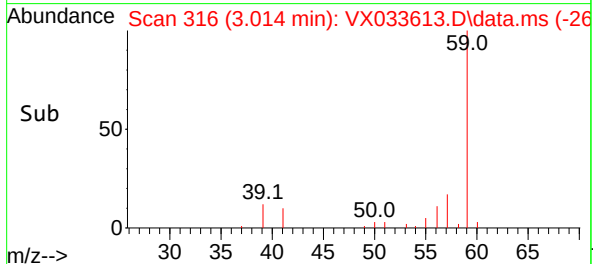
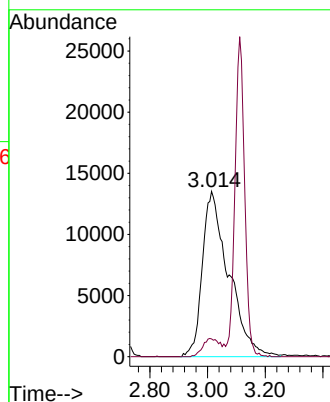
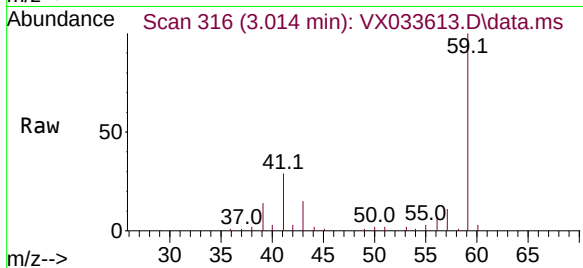
VSTDICCC050

Tgt Ion: 59 Resp: 85636

Ion Ratio Lower Upper

59 100

57 6.9 5.5 8.3



#12

1,1-Dichloroethene

Concen: 47.165 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX033613.D

Acq: 04 Jan 2023 12:14

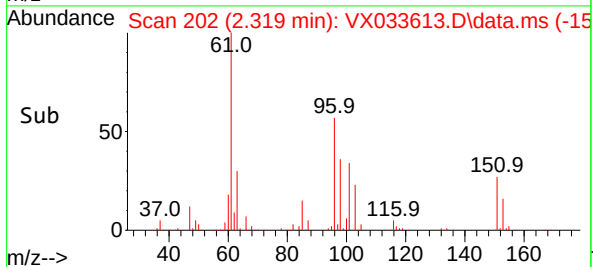
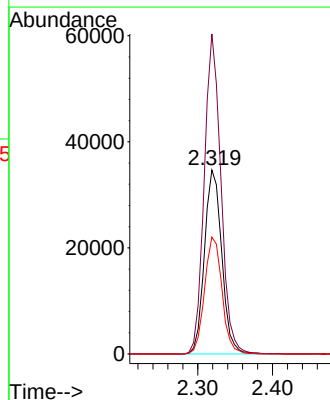
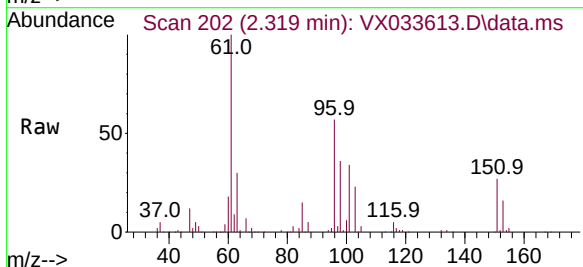
Tgt Ion: 96 Resp: 55853

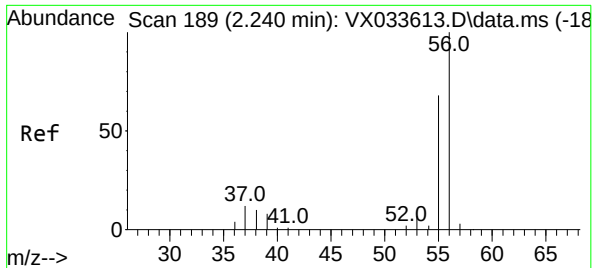
Ion Ratio Lower Upper

96 100

61 173.9 139.1 208.7

98 63.5 50.8 76.2





#13

Acrolein

Concen: 212.820 ug/l

RT: 2.240 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX033613.D

Acq: 04 Jan 2023 12:14

Instrument :

MSVOA_X

ClientSampleId :

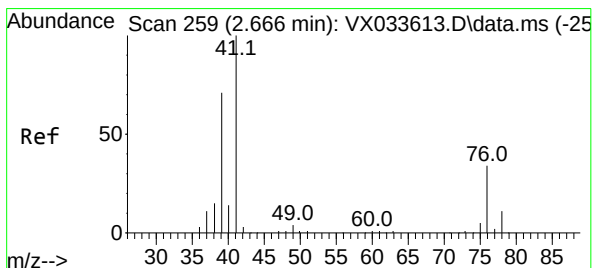
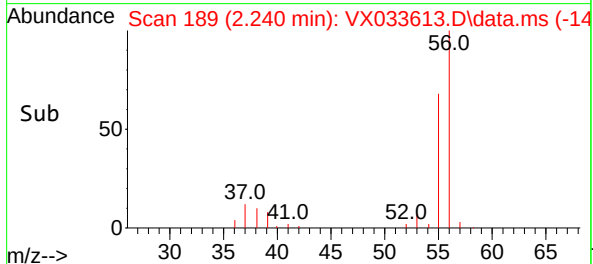
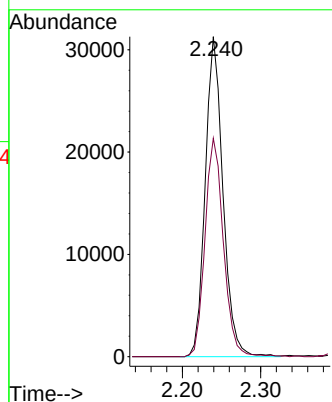
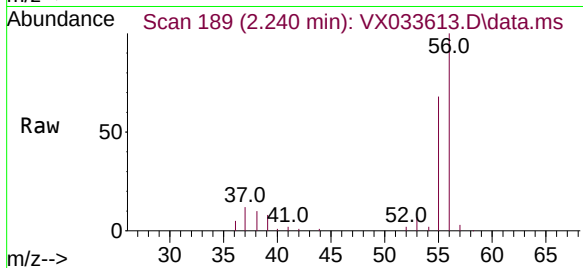
VSTDICCC050

Tgt Ion: 56 Resp: 49096

Ion Ratio Lower Upper

56 100

55 71.1 56.9 85.3



#14

Allyl chloride

Concen: 49.810 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX033613.D

Acq: 04 Jan 2023 12:14

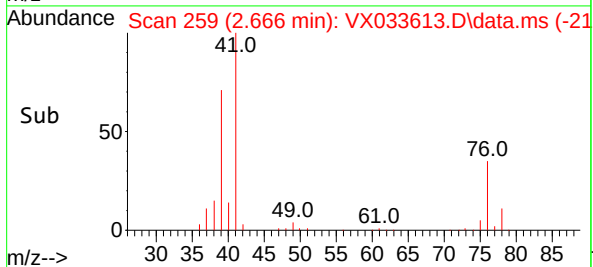
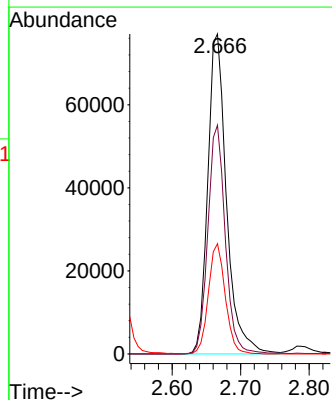
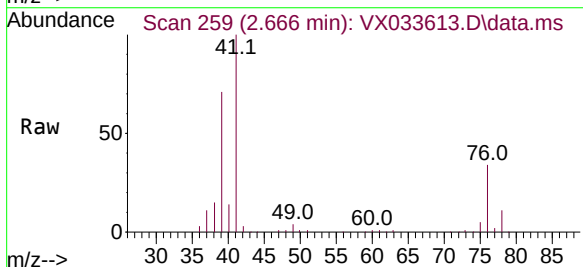
Tgt Ion: 41 Resp: 146671

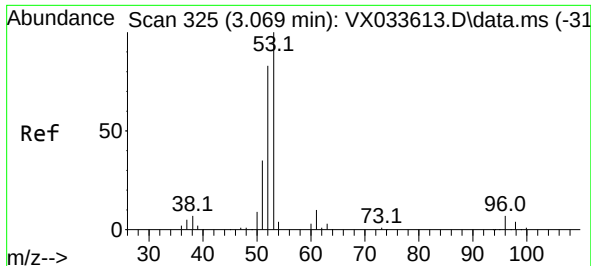
Ion Ratio Lower Upper

41 100

39 66.6 53.3 79.9

76 31.2 25.0 37.4





#15

Acrylonitrile

Concen: 243.550 ug/l

RT: 3.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX033613.D

Acq: 04 Jan 2023 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

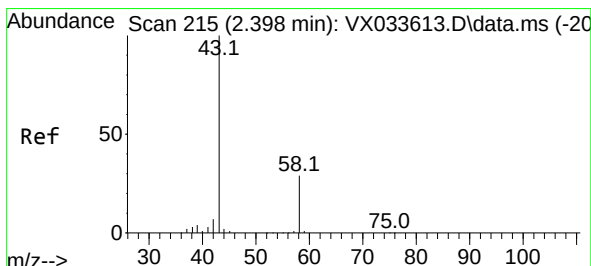
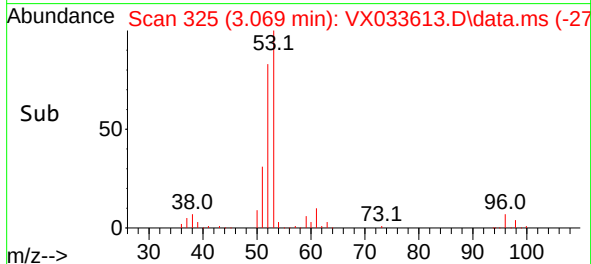
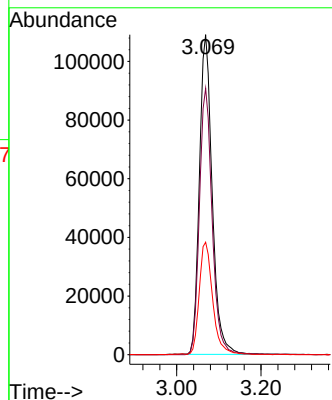
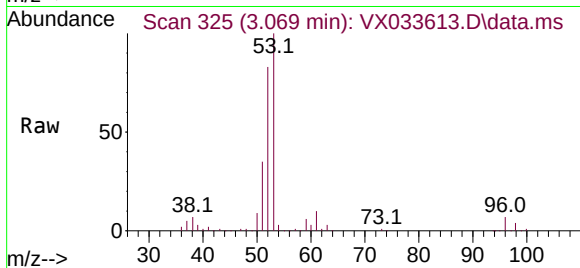
Tgt Ion: 53 Resp: 230581

Ion Ratio Lower Upper

53 100

52 83.4 66.7 100.1

51 37.3 29.8 44.8



#16

Acetone

Concen: 251.765 ug/l

RT: 2.398 min Scan# 215

Delta R.T. 0.000 min

Lab File: VX033613.D

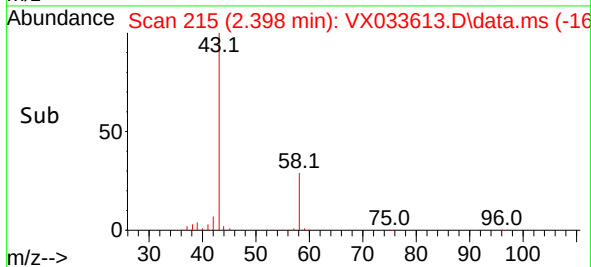
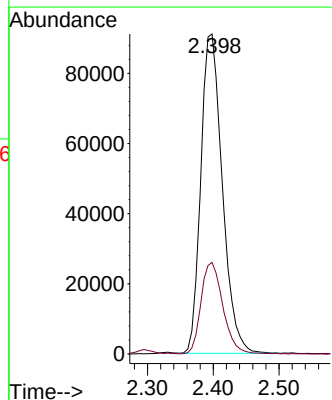
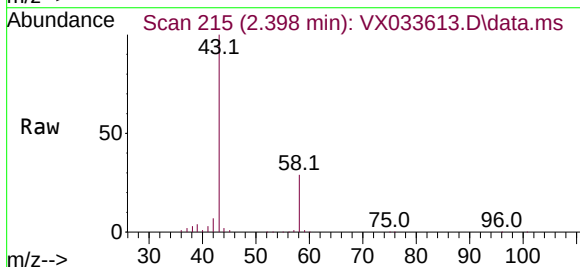
Acq: 04 Jan 2023 12:14

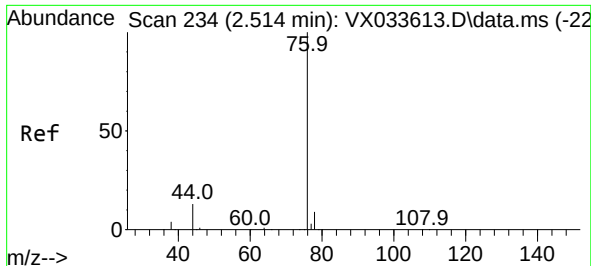
Tgt Ion: 43 Resp: 206851

Ion Ratio Lower Upper

43 100

58 28.6 22.9 34.3

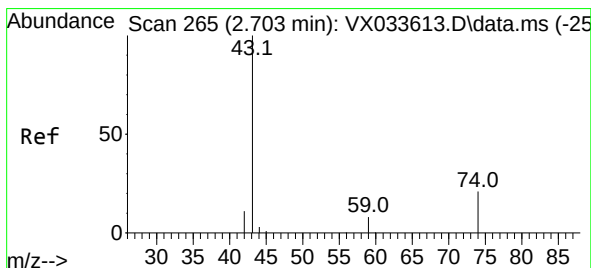
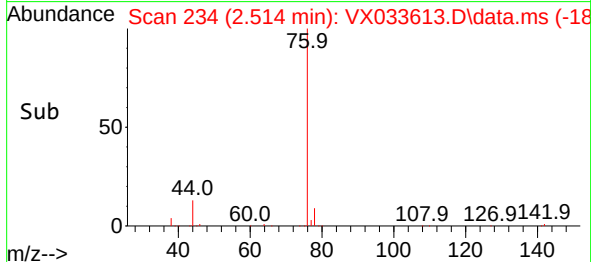
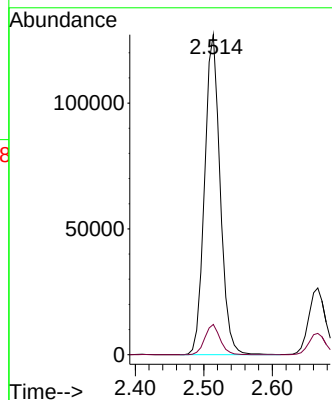
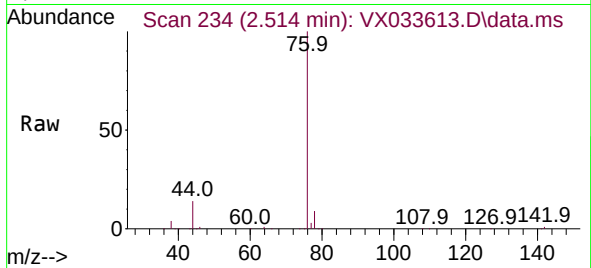




#17
Carbon Disulfide
Concen: 51.667 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033613.D
Acq: 04 Jan 2023 12:14

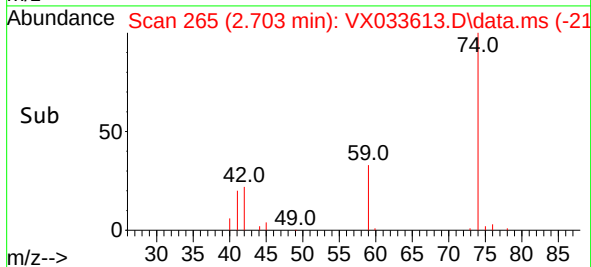
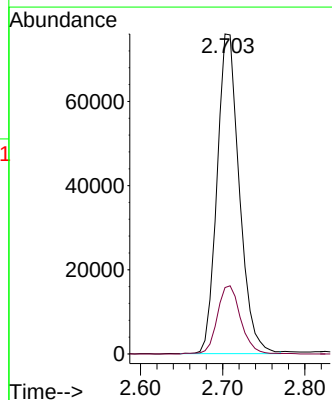
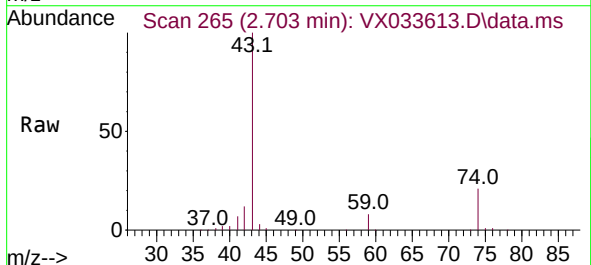
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

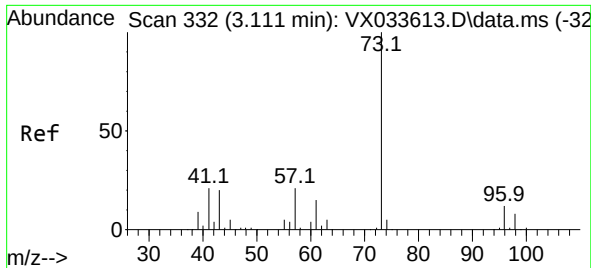
Tgt Ion: 76 Resp: 201000
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4



#18
Methyl Acetate
Concen: 48.475 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX033613.D
Acq: 04 Jan 2023 12:14

Tgt Ion: 43 Resp: 143160
Ion Ratio Lower Upper
43 100
74 22.4 17.9 26.9

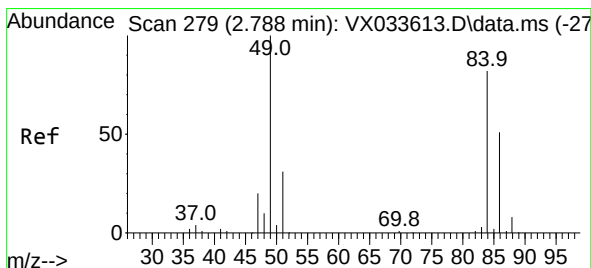
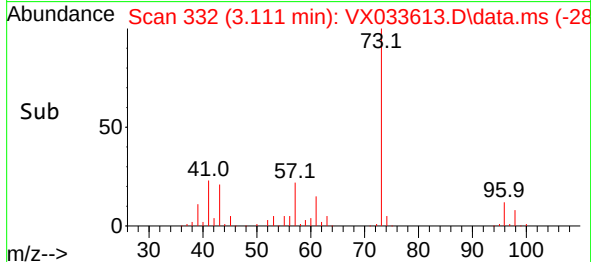
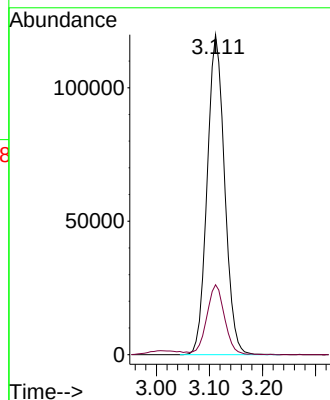
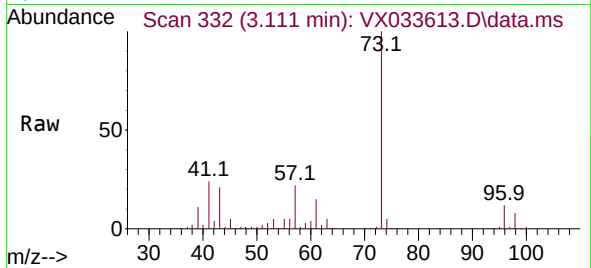




#19
Methyl tert-butyl Ether
Concen: 49.339 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033613.D
Acq: 04 Jan 2023 12:14

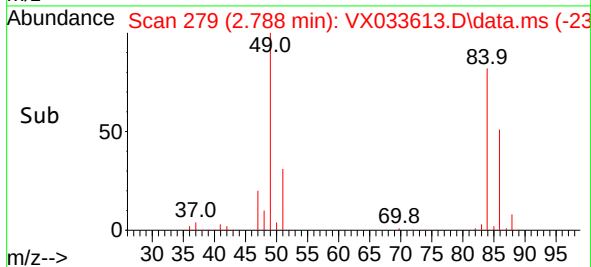
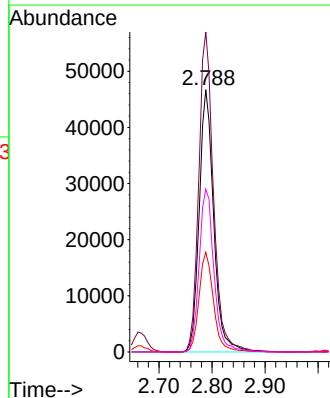
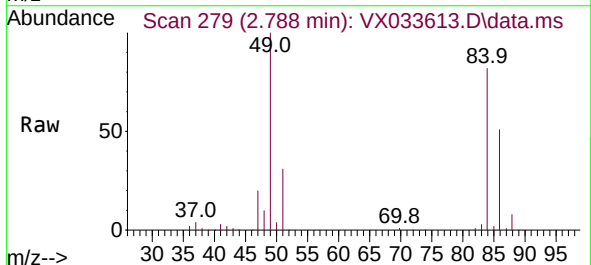
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

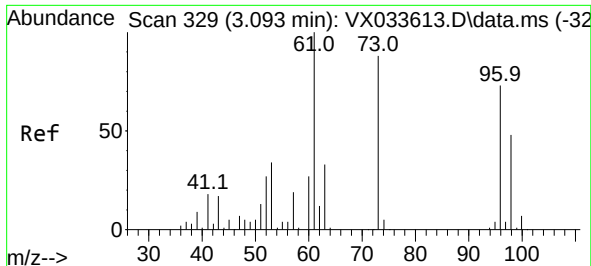
Tgt Ion: 73 Resp: 273428
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.2



#20
Methylene Chloride
Concen: 41.737 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX033613.D
Acq: 04 Jan 2023 12:14

Tgt Ion: 84 Resp: 88887
Ion Ratio Lower Upper
84 100
49 122.0 97.6 146.4
51 38.0 30.4 45.6
86 62.1 49.7 74.5

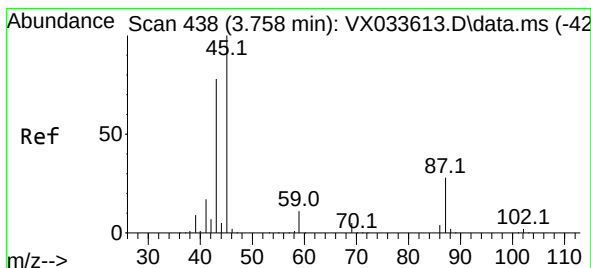
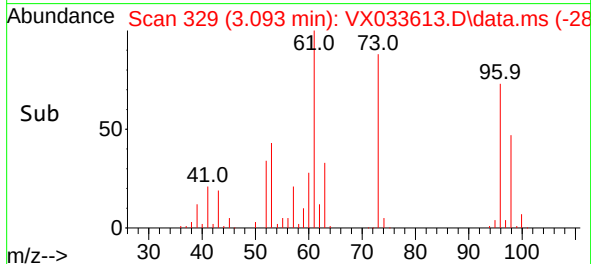
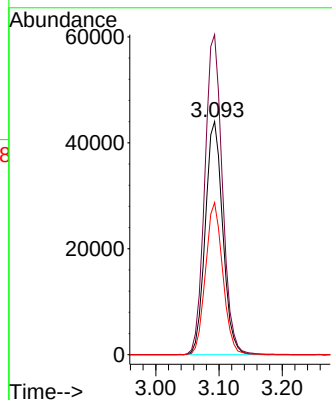
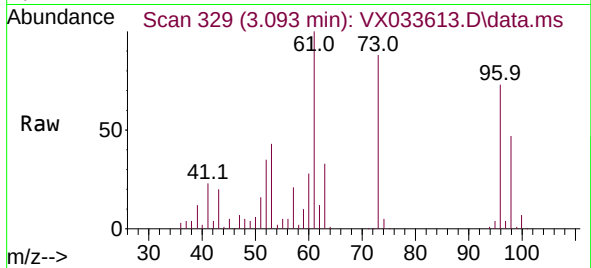




#21
trans-1,2-Dichloroethene
Concen: 48.621 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033613.D
Acq: 04 Jan 2023 12:14

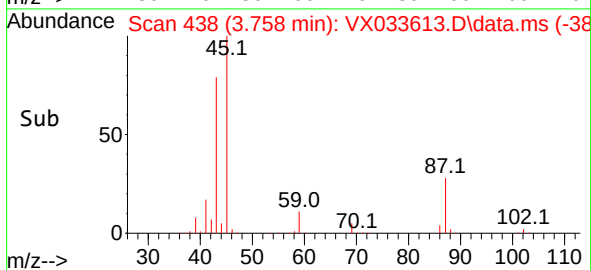
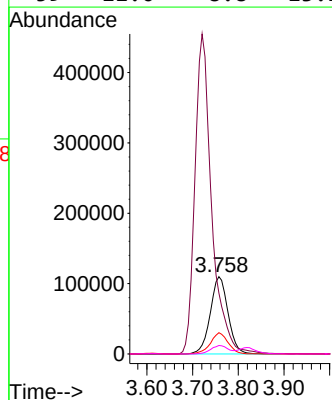
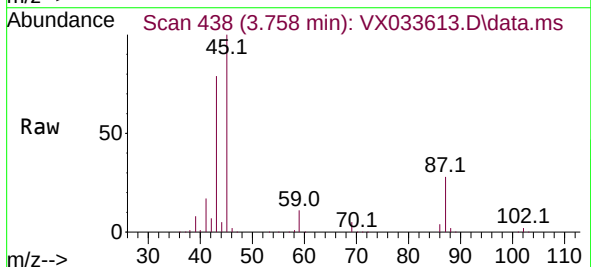
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

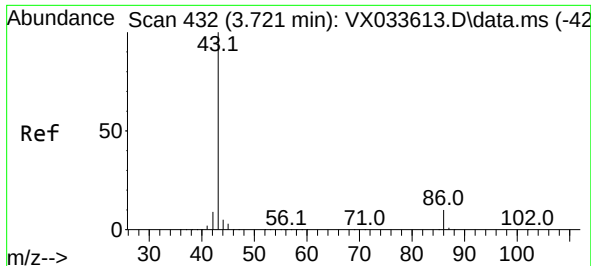
Tgt Ion: 96 Resp: 84676
Ion Ratio Lower Upper
96 100
61 137.1 109.7 164.5
98 65.2 52.2 78.2



#22
Diisopropyl ether
Concen: 49.874 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX033613.D
Acq: 04 Jan 2023 12:14

Tgt Ion: 45 Resp: 295902
Ion Ratio Lower Upper
45 100
43 78.2 62.6 93.8
87 27.6 22.1 33.1
59 11.0 8.8 13.2





#23

Vinyl Acetate

Concen: 255.084 ug/l

RT: 3.721 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX033613.D

Acq: 04 Jan 2023 12:14

Instrument :

MSVOA_X

ClientSampleId :

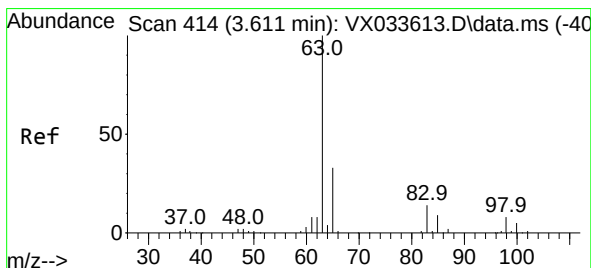
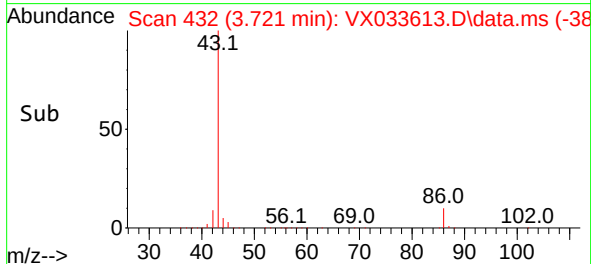
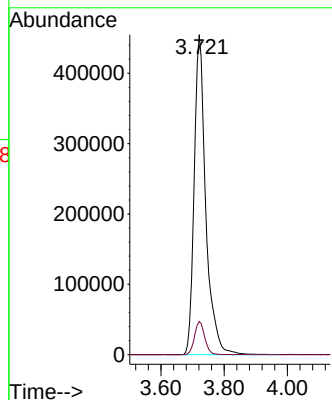
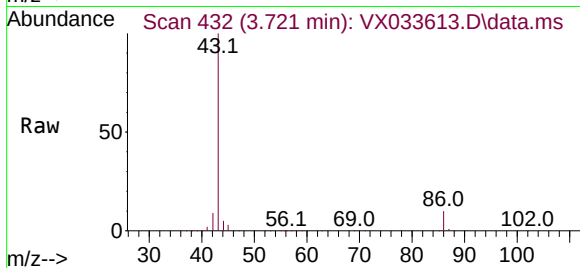
VSTDICCC050

Tgt Ion: 43 Resp: 1162132

Ion Ratio Lower Upper

43 100

86 10.4 8.3 12.5



#24

1,1-Dichloroethane

Concen: 48.754 ug/l

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX033613.D

Acq: 04 Jan 2023 12:14

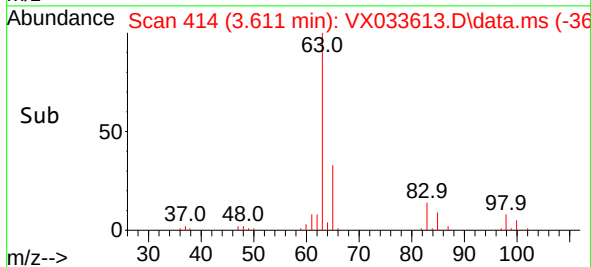
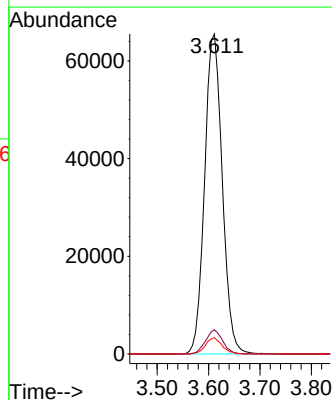
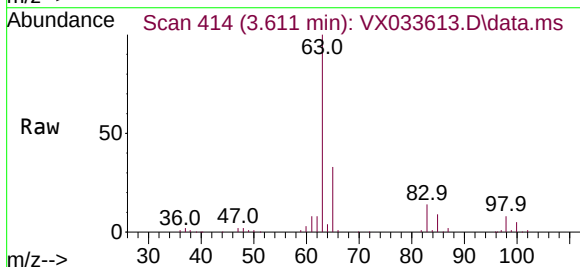
Tgt Ion: 63 Resp: 156502

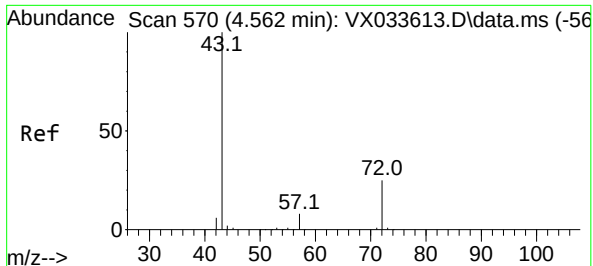
Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.4

100 5.1 2.5 7.6





#25

2-Butanone

Concen: 240.551 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.000 min

Lab File: VX033613.D

Acq: 04 Jan 2023 12:14

Instrument :

MSVOA_X

ClientSampleId :

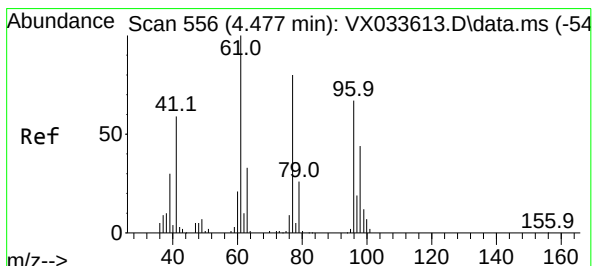
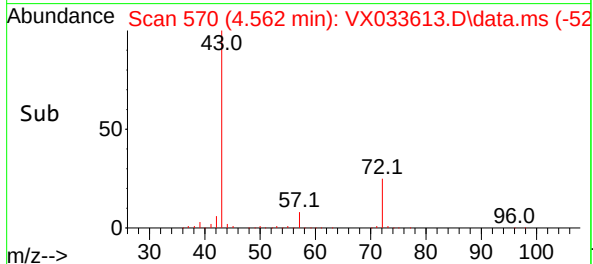
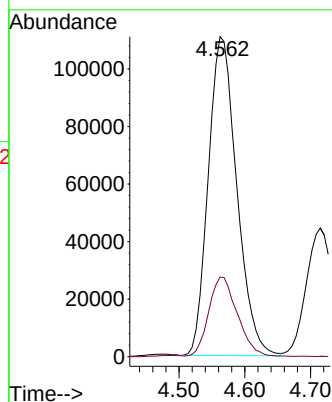
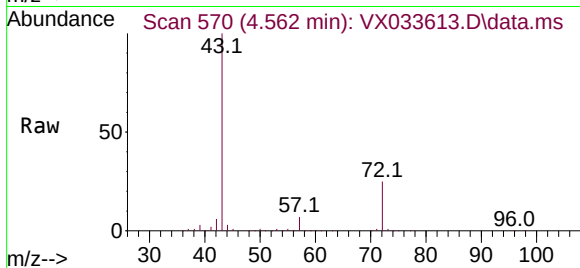
VSTDICCC050

Tgt Ion: 43 Resp: 334450

Ion Ratio Lower Upper

43 100

72 24.7 19.8 29.6



#26

2,2-Dichloropropane

Concen: 49.298 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX033613.D

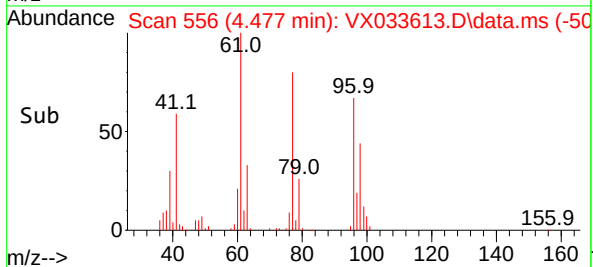
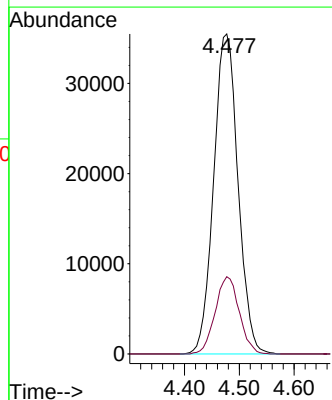
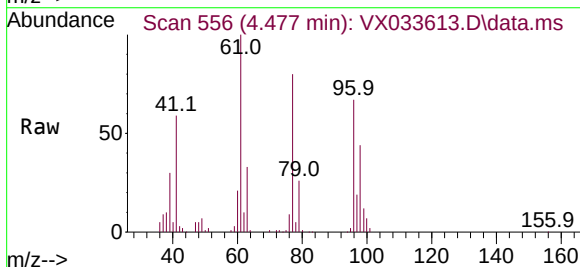
Acq: 04 Jan 2023 12:14

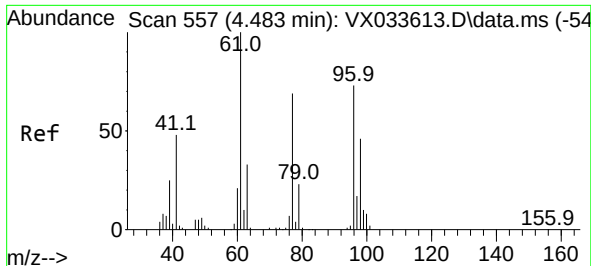
Tgt Ion: 77 Resp: 109404

Ion Ratio Lower Upper

77 100

97 23.8 11.9 35.7





#27

cis-1,2-Dichloroethene

Concen: 48.884 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX033613.D

Acq: 04 Jan 2023 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

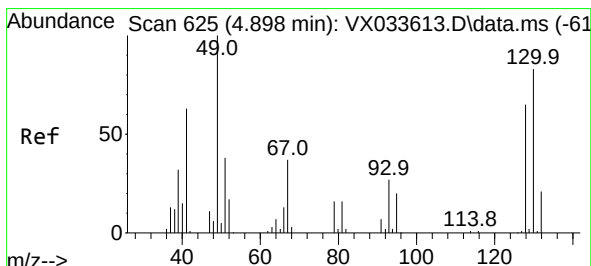
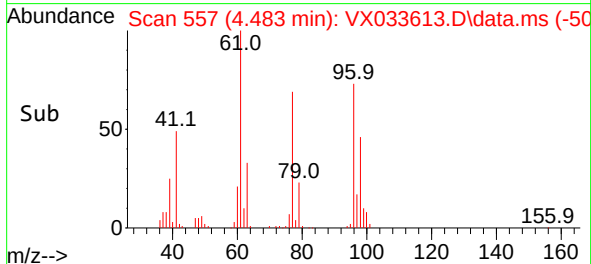
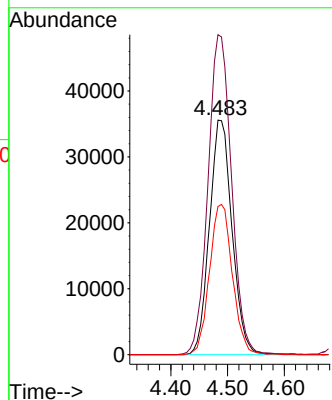
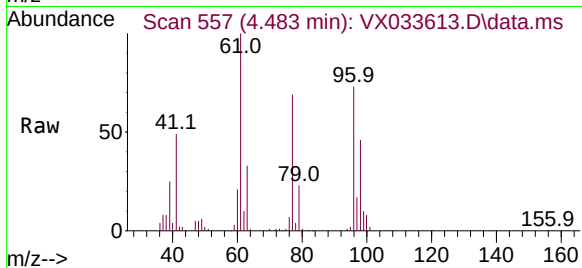
Tgt Ion: 96 Resp: 98741

Ion Ratio Lower Upper

96 100

61 141.9 0.0 283.8

98 64.8 0.0 129.6



#28

Bromochloromethane

Concen: 47.722 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX033613.D

Acq: 04 Jan 2023 12:14

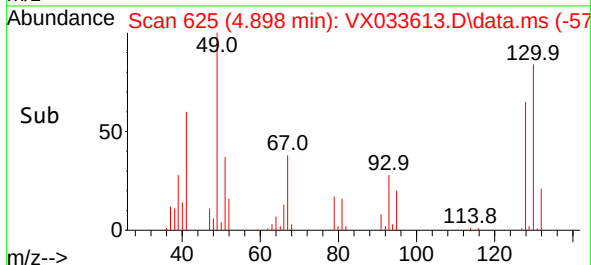
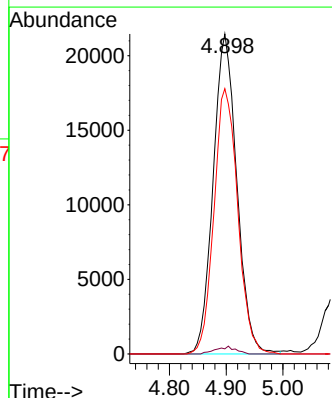
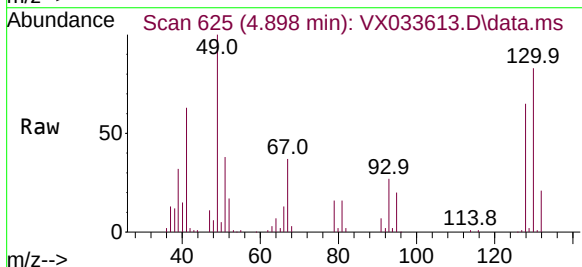
Tgt Ion: 49 Resp: 62228

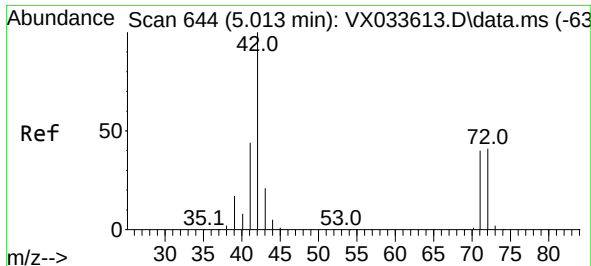
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 83.3 66.6 100.0

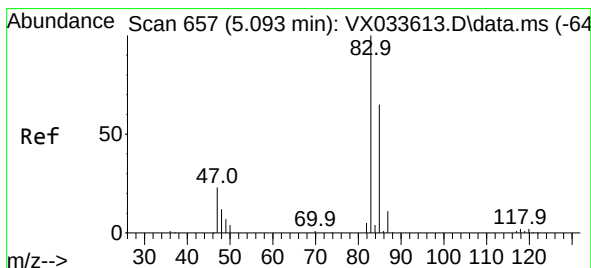
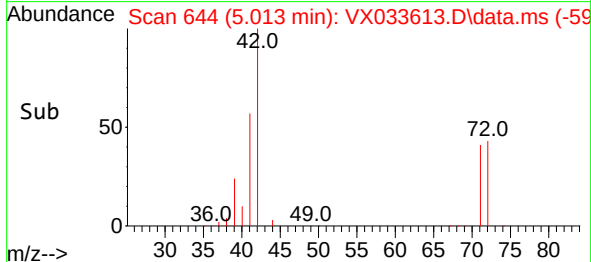
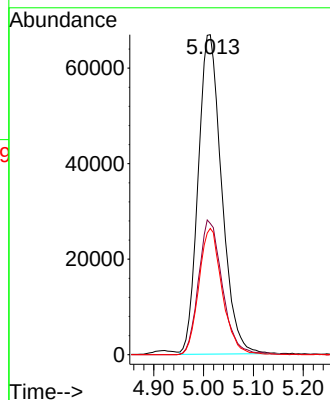
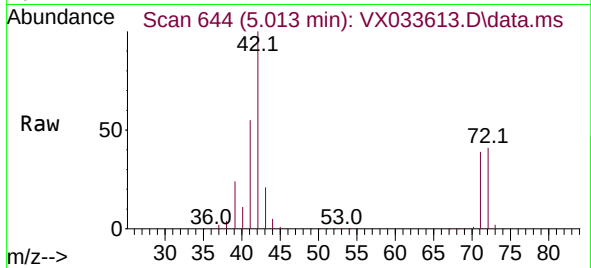




#29
Tetrahydrofuran
Concen: 248.006 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.000 min
Lab File: VX033613.D
Acq: 04 Jan 2023 12:14

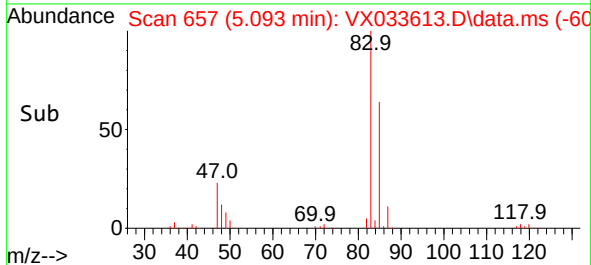
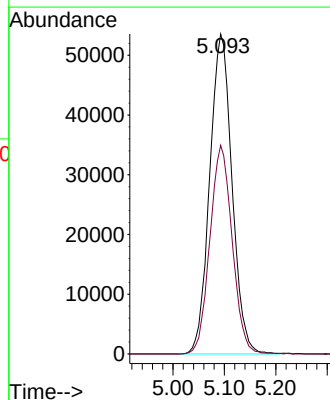
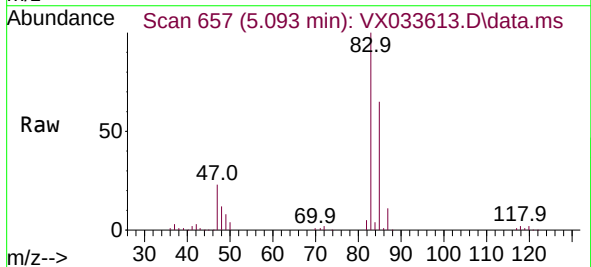
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

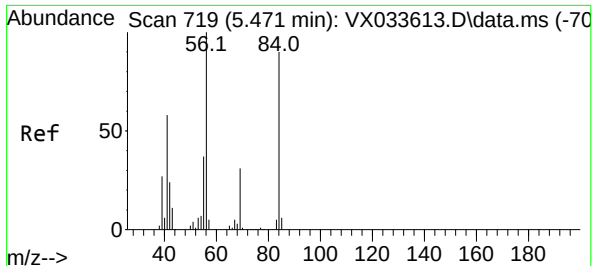
Tgt Ion: 42 Resp: 218833
Ion Ratio Lower Upper
42 100
72 42.8 34.2 51.4
71 39.2 31.4 47.0



#30
Chloroform
Concen: 49.230 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX033613.D
Acq: 04 Jan 2023 12:14

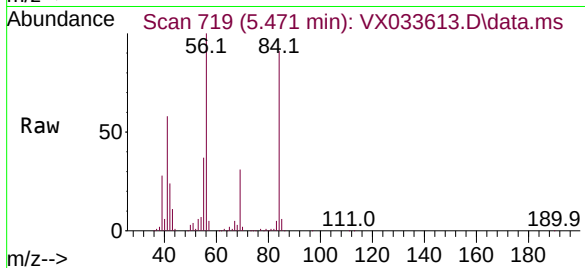
Tgt Ion: 83 Resp: 161442
Ion Ratio Lower Upper
83 100
85 65.2 52.2 78.2



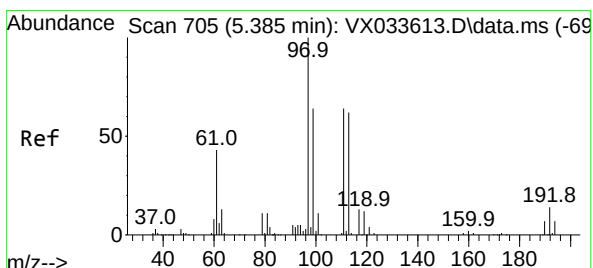
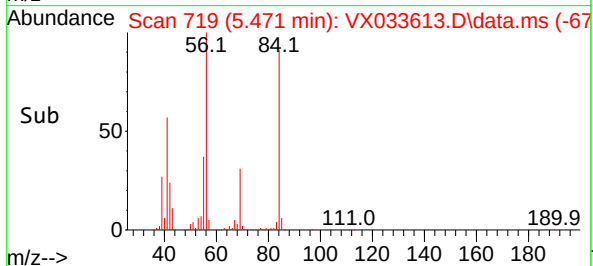
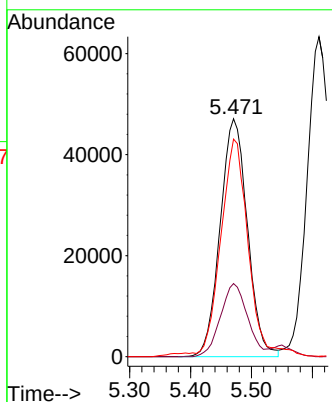


#31
Cyclohexane
Concen: 49.326 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX033613.D
Acq: 04 Jan 2023 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

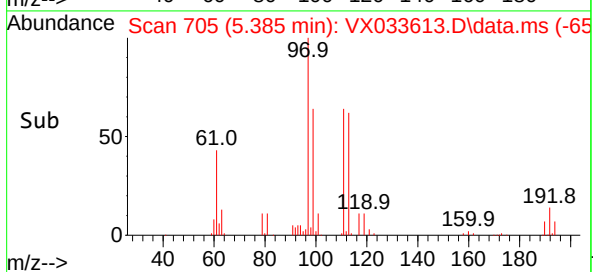
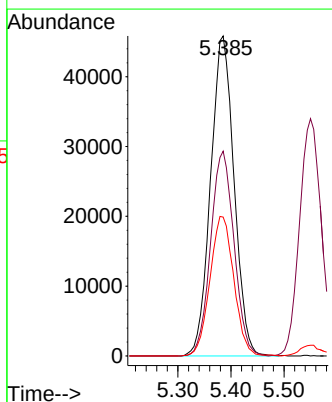
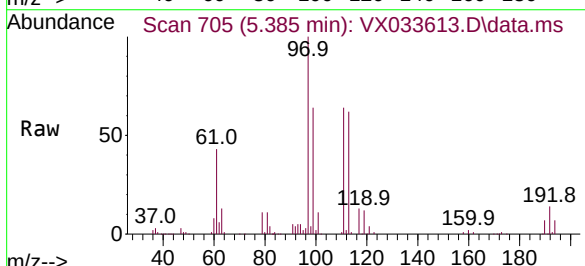


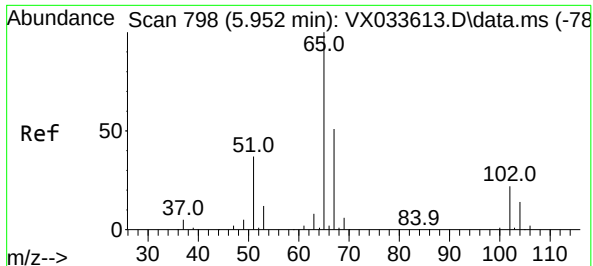
Tgt Ion: 56 Resp: 146304
Ion Ratio Lower Upper
56 100
69 30.7 24.6 36.8
84 90.2 72.2 108.2



#32
1,1,1-Trichloroethane
Concen: 49.621 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033613.D
Acq: 04 Jan 2023 12:14

Tgt Ion: 97 Resp: 140702
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.6
61 44.4 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 46.598 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX033613.D

Acq: 04 Jan 2023 12:14

Instrument :

MSVOA_X

ClientSampleId :

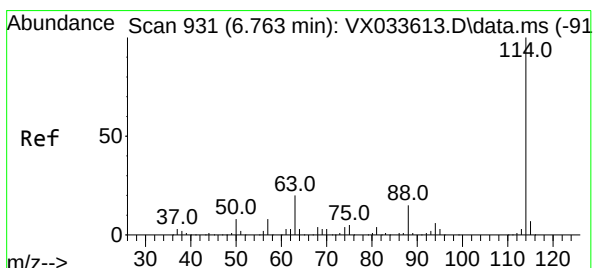
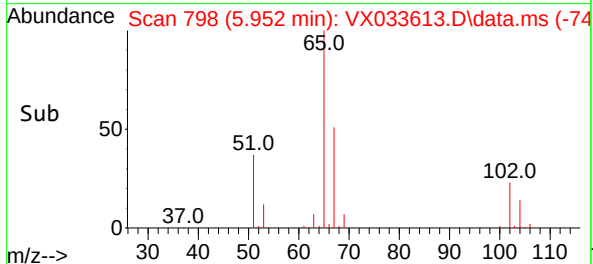
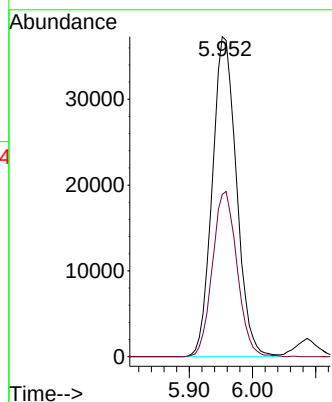
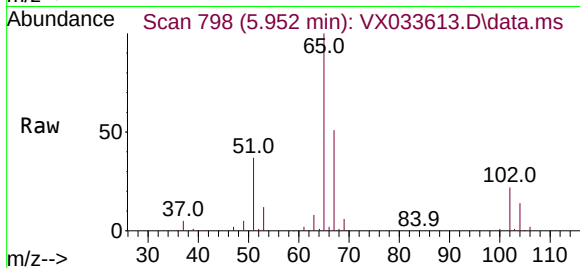
VSTDICCC050

Tgt Ion: 65 Resp: 99285

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033613.D

Acq: 04 Jan 2023 12:14

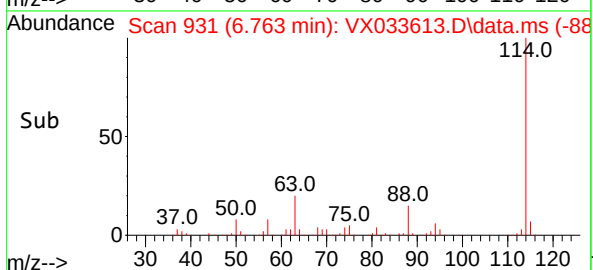
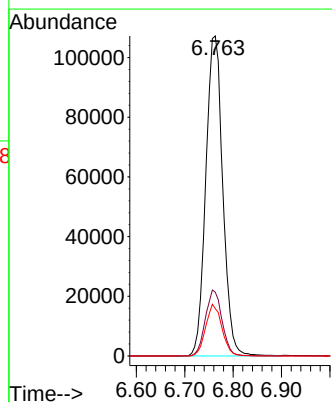
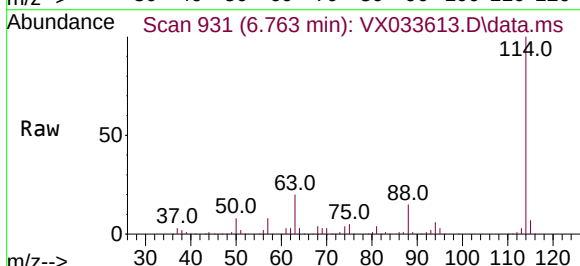
Tgt Ion: 114 Resp: 261493

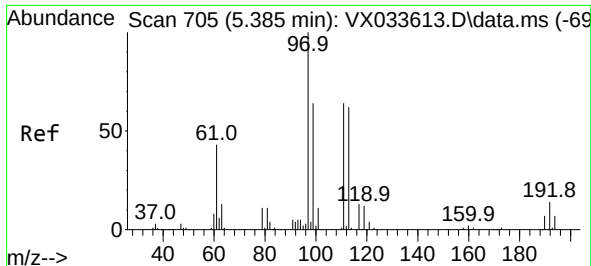
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

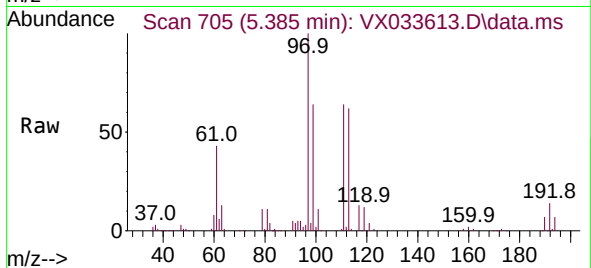
88 14.8 0.0 29.6



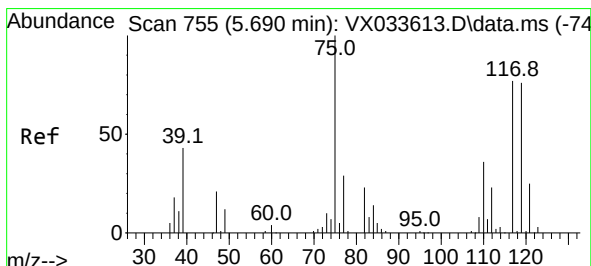
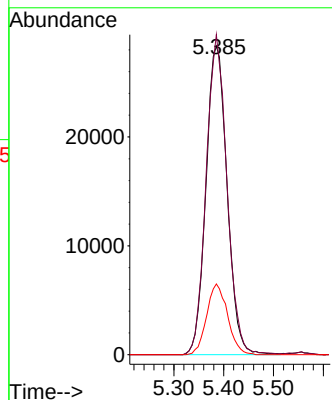
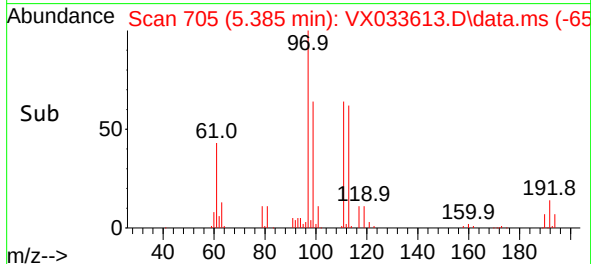


#35
Dibromofluoromethane
Concen: 48.694 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033613.D
Acq: 04 Jan 2023 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

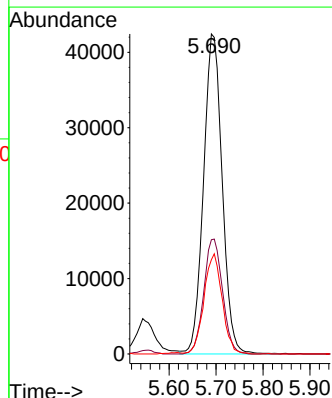
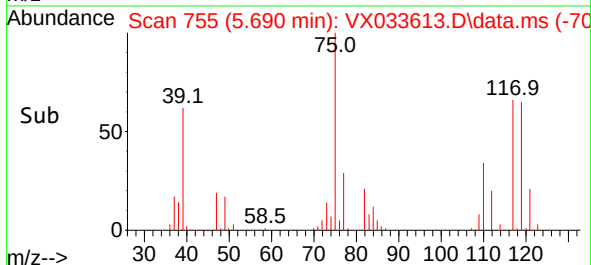
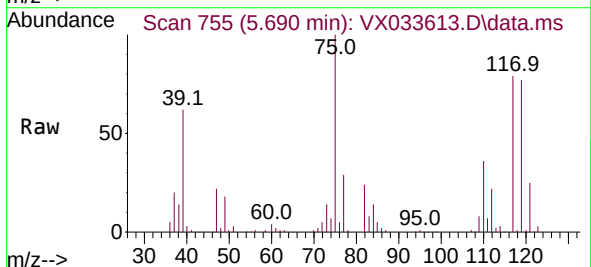


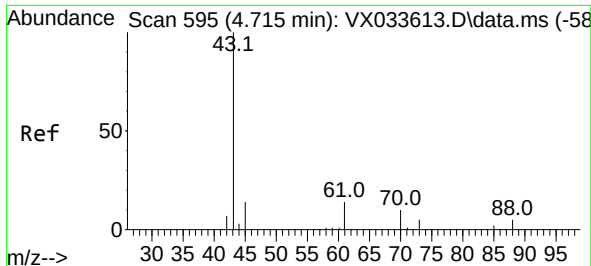
Tgt Ion:113 Resp: 83694
Ion Ratio Lower Upper
113 100
111 101.5 81.2 121.8
192 22.7 18.2 27.2



#36
1,1-Dichloropropene
Concen: 50.340 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX033613.D
Acq: 04 Jan 2023 12:14

Tgt Ion: 75 Resp: 117200
Ion Ratio Lower Upper
75 100
110 36.0 18.0 54.0
77 30.6 24.5 36.7





#37

Ethyl Acetate

Concen: 46.707 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX033613.D

Acq: 04 Jan 2023 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

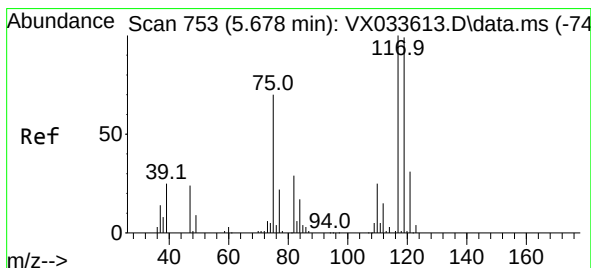
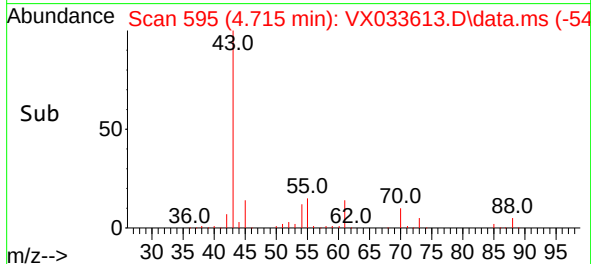
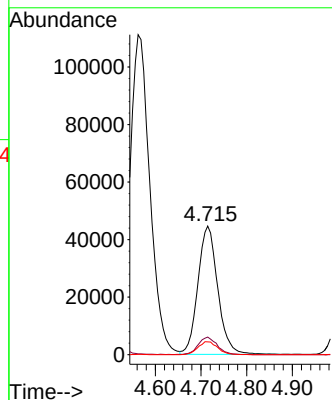
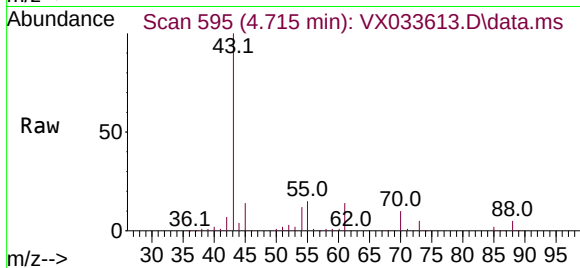
Tgt Ion: 43 Resp: 134044

Ion Ratio Lower Upper

43 100

61 13.3 10.6 16.0

70 10.1 8.1 12.1



#38

Carbon Tetrachloride

Concen: 50.195 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.000 min

Lab File: VX033613.D

Acq: 04 Jan 2023 12:14

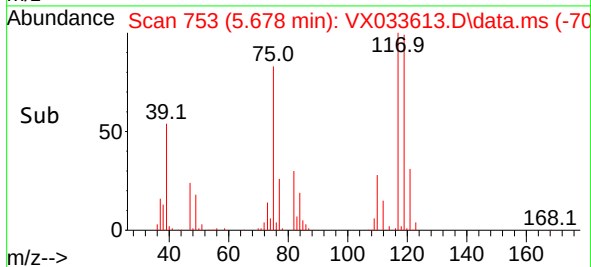
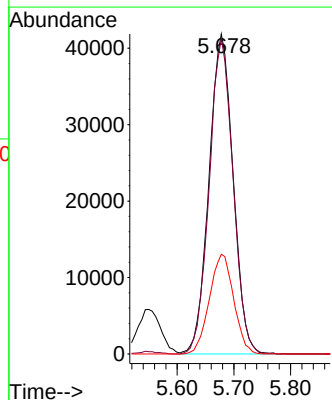
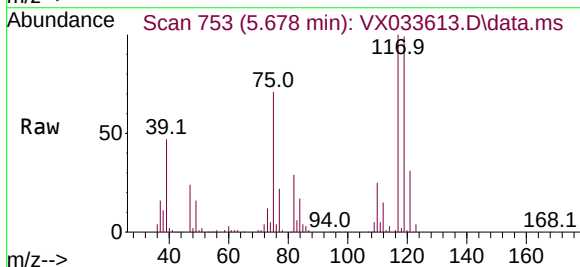
Tgt Ion: 117 Resp: 123672

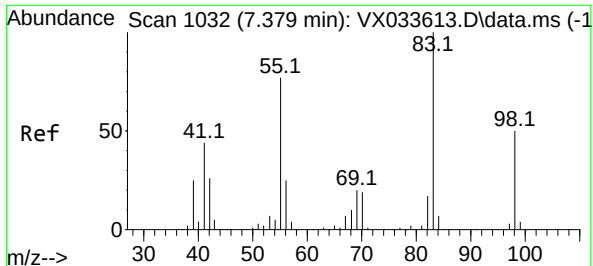
Ion Ratio Lower Upper

117 100

119 98.5 78.8 118.2

121 31.1 24.9 37.3





#39

Methylcyclohexane

Concen: 52.247 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX033613.D

Acq: 04 Jan 2023 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

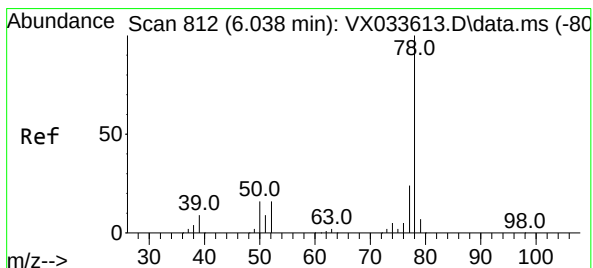
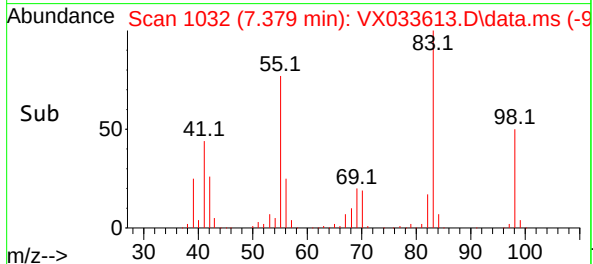
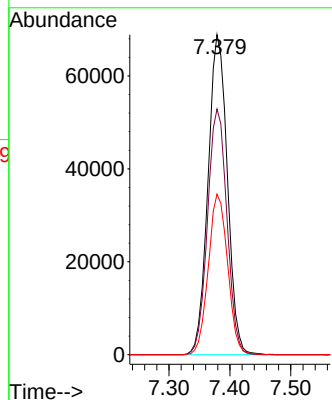
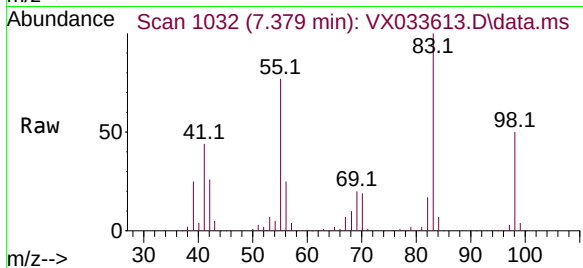
Tgt Ion: 83 Resp: 151880

Ion Ratio Lower Upper

83 100

55 76.8 61.4 92.2

98 50.2 40.2 60.2



#40

Benzene

Concen: 51.259 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX033613.D

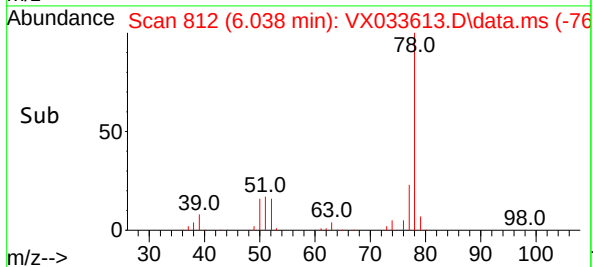
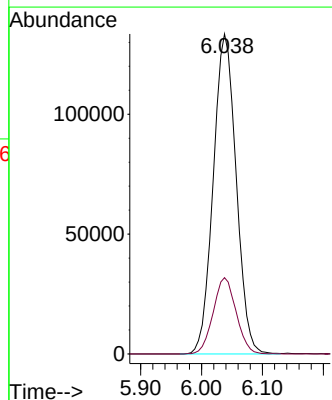
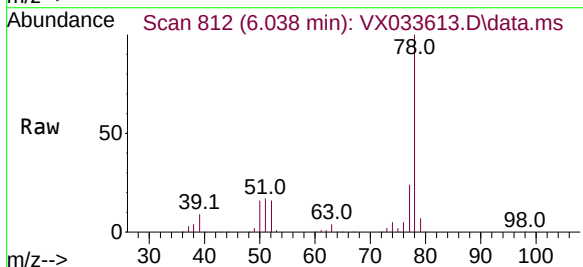
Acq: 04 Jan 2023 12:14

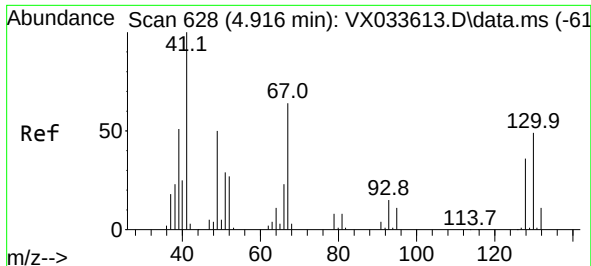
Tgt Ion: 78 Resp: 348802

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.6

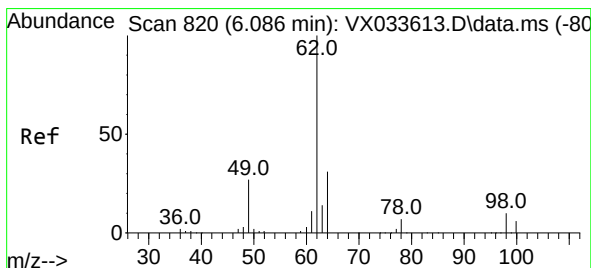
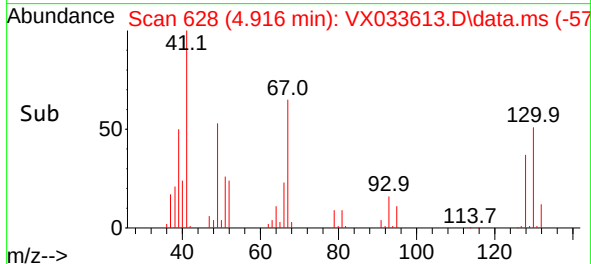
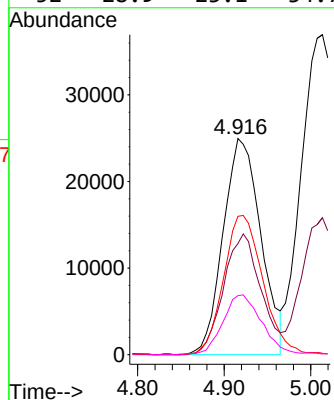
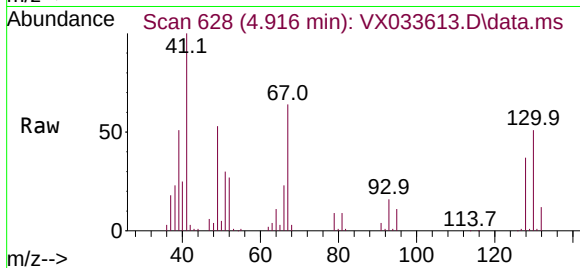




#41
Methacrylonitrile
Concen: 53.472 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX033613.D
Acq: 04 Jan 2023 12:14

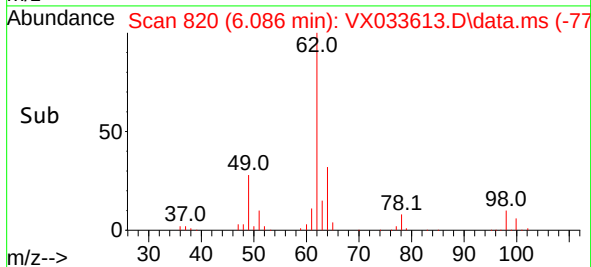
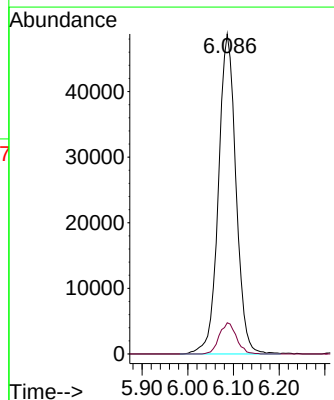
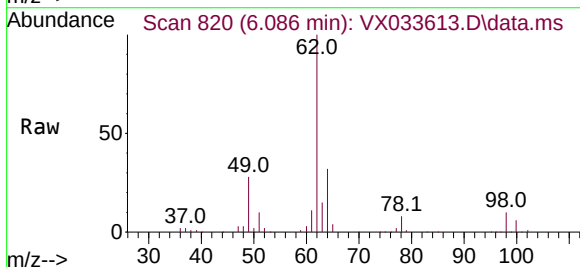
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

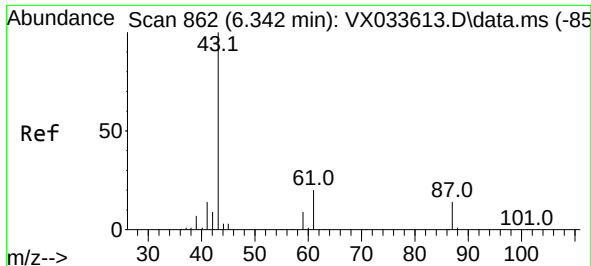
Tgt Ion:	41	Resp:	75639
Ion	Ratio	Lower	Upper
41	100		
39	55.1	44.1	66.1
67	67.2	53.8	80.6
52	28.9	23.1	34.7



#42
1,2-Dichloroethane
Concen: 51.318 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX033613.D
Acq: 04 Jan 2023 12:14

Tgt Ion:	62	Resp:	130169
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.0





#43

Isopropyl Acetate

Concen: 52.514 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX033613.D

Acq: 04 Jan 2023 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

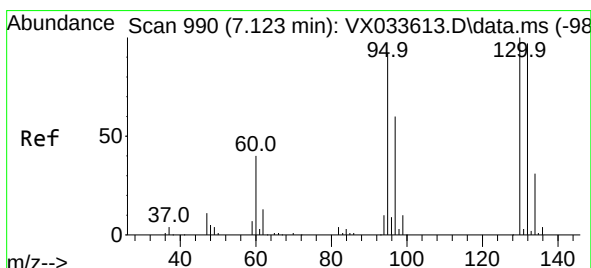
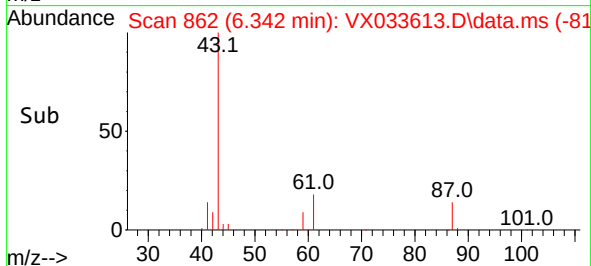
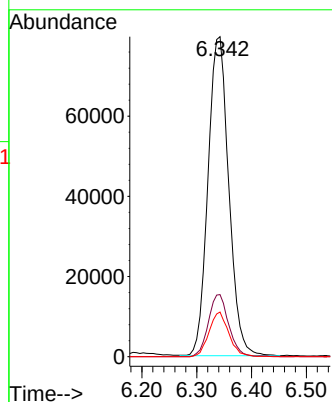
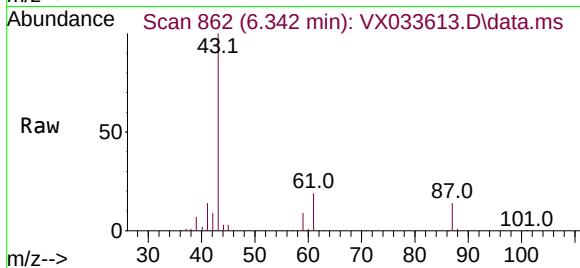
Tgt Ion: 43 Resp: 209036

Ion Ratio Lower Upper

43 100

61 19.0 15.2 22.8

87 13.3 10.6 16.0



#44

Trichloroethene

Concen: 50.781 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX033613.D

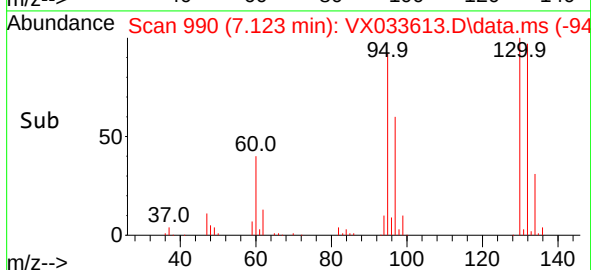
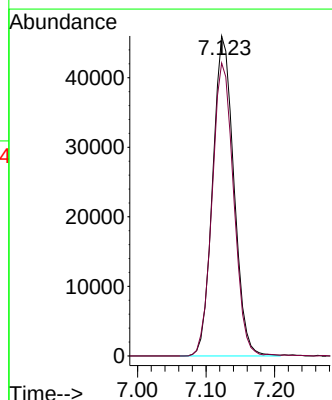
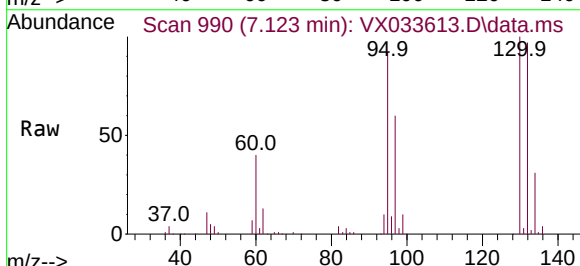
Acq: 04 Jan 2023 12:14

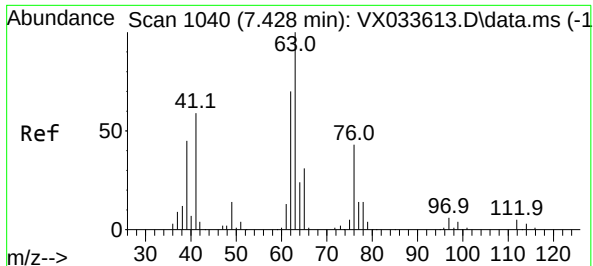
Tgt Ion:130 Resp: 98606

Ion Ratio Lower Upper

130 100

95 91.5 0.0 183.0





#45

1,2-Dichloropropane

Concen: 51.622 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX033613.D

Acq: 04 Jan 2023 12:14

Instrument :

MSVOA_X

ClientSampleId :

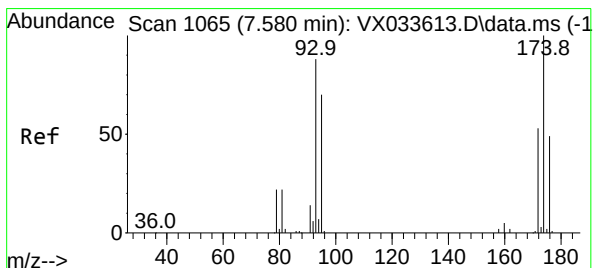
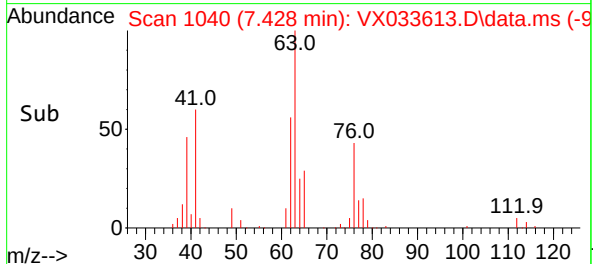
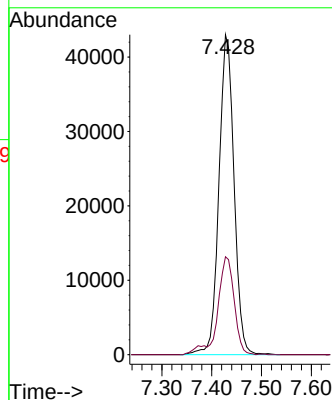
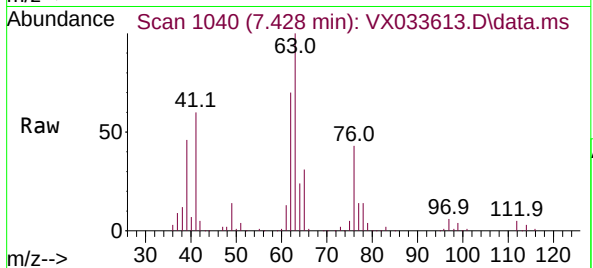
VSTDICCC050

Tgt Ion: 63 Resp: 90489

Ion Ratio Lower Upper

63 100

65 30.6 24.5 36.7



#46

Dibromomethane

Concen: 52.090 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033613.D

Acq: 04 Jan 2023 12:14

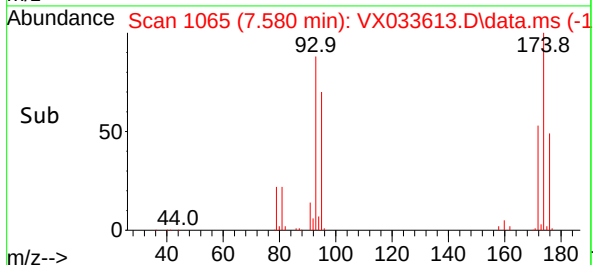
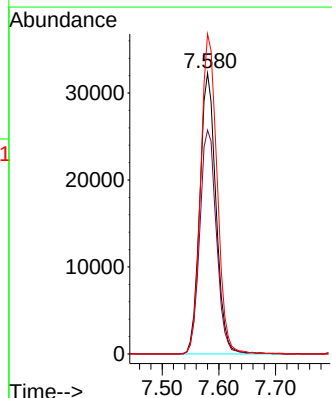
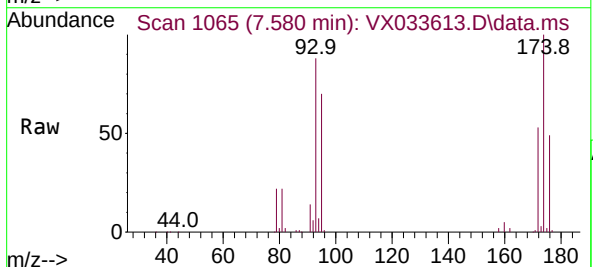
Tgt Ion: 93 Resp: 63926

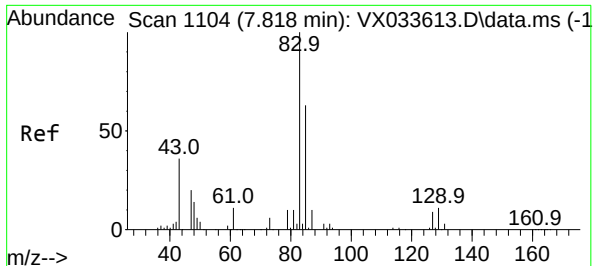
Ion Ratio Lower Upper

93 100

95 82.1 65.7 98.5

174 115.6 92.5 138.7

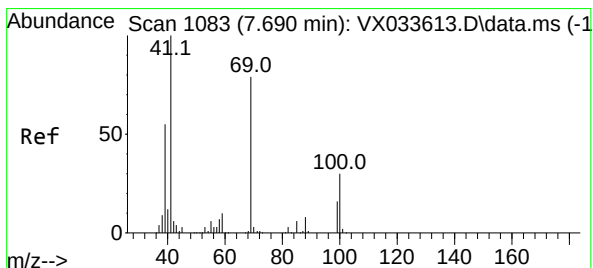
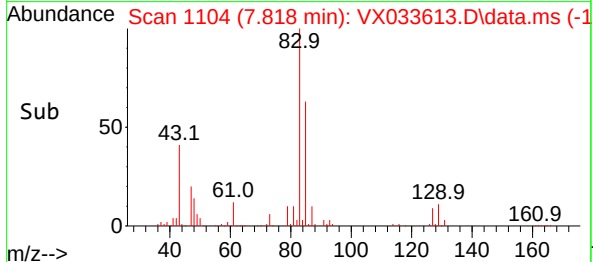
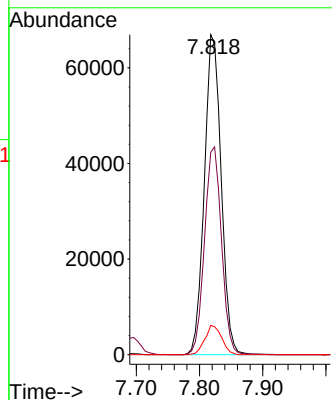
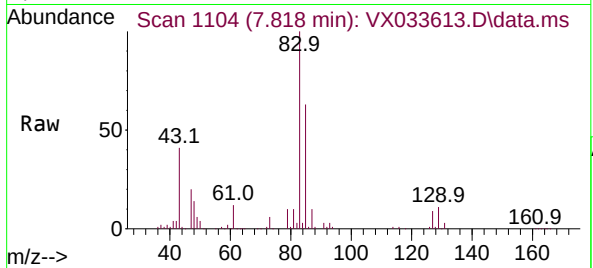




#47
Bromodichloromethane
Concen: 52.221 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX033613.D
Acq: 04 Jan 2023 12:14

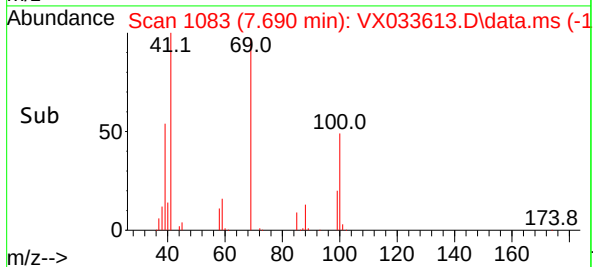
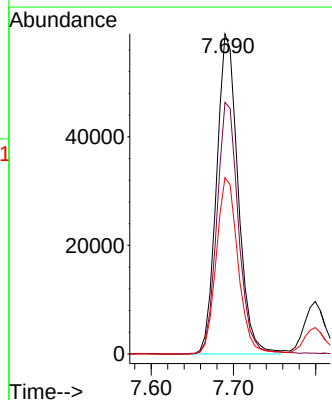
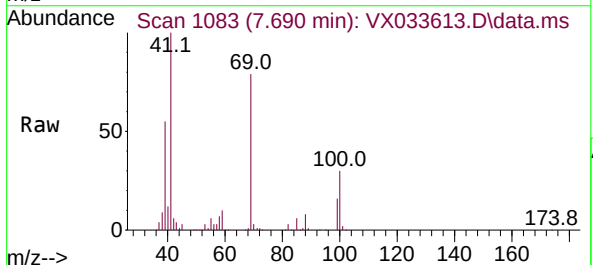
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

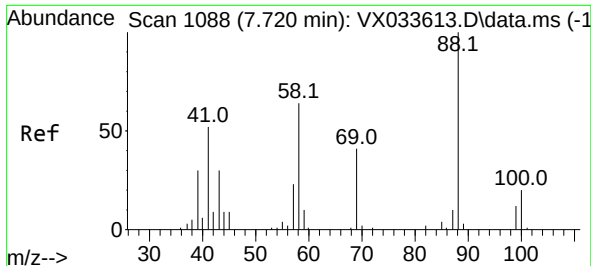
Tgt Ion: 83 Resp: 124159
Ion Ratio Lower Upper
83 100
85 63.3 50.6 76.0
127 9.1 7.3 10.9



#48
Methyl methacrylate
Concen: 53.139 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX033613.D
Acq: 04 Jan 2023 12:14

Tgt Ion: 41 Resp: 107071
Ion Ratio Lower Upper
41 100
69 78.9 63.1 94.7
39 56.0 44.8 67.2





#49

1,4-Dioxane

Concen: 1033.915 ug/l

RT: 7.720 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VX033613.D

Acq: 04 Jan 2023 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

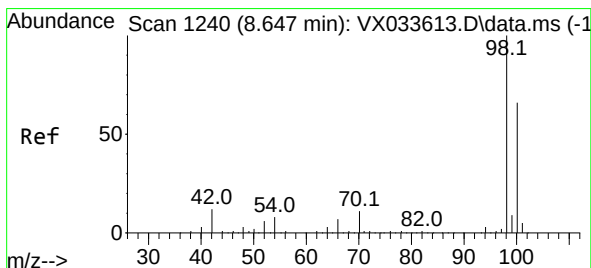
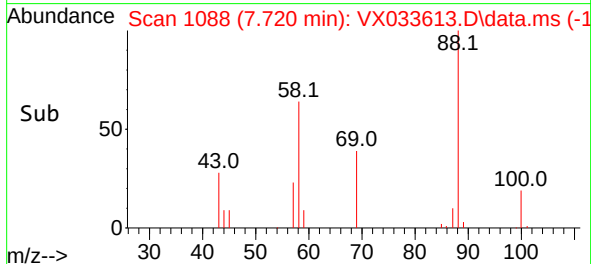
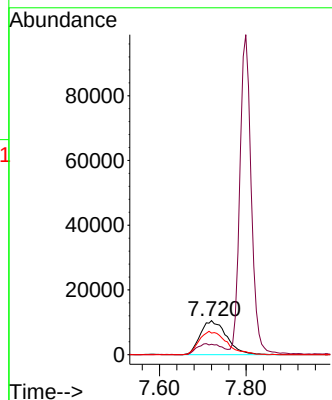
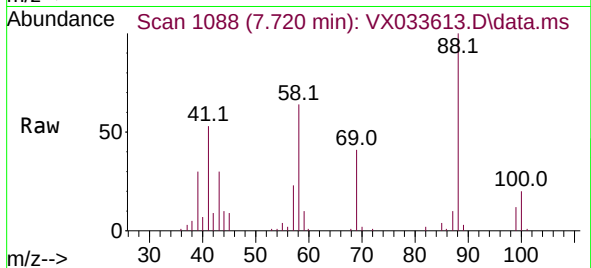
Tgt Ion: 88 Resp: 44311

Ion Ratio Lower Upper

88 100

43 30.1 24.1 36.1

58 71.4 57.1 85.7



#50

Toluene-d8

Concen: 49.650 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX033613.D

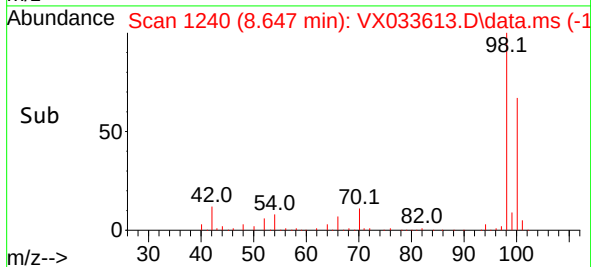
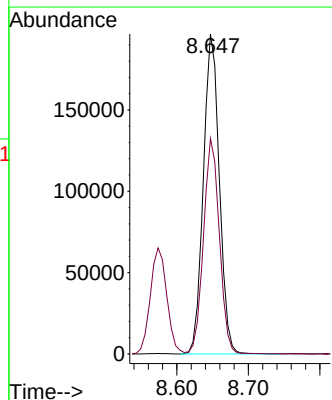
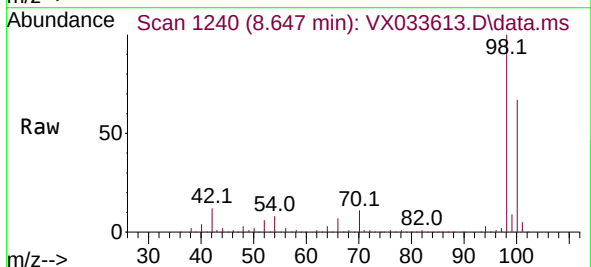
Acq: 04 Jan 2023 12:14

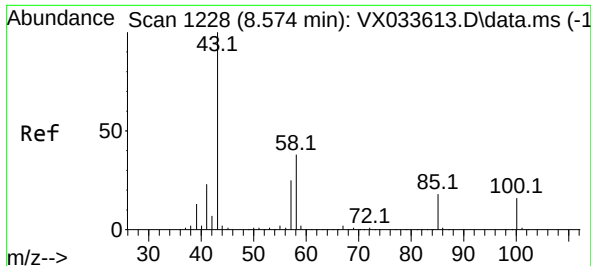
Tgt Ion: 98 Resp: 305014

Ion Ratio Lower Upper

98 100

100 67.0 53.6 80.4





#51

4-Methyl-2-Pentanone

Concen: 264.788 ug/l

RT: 8.574 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033613.D

Acq: 04 Jan 2023 12:14

Instrument :

MSVOA_X

ClientSampleId :

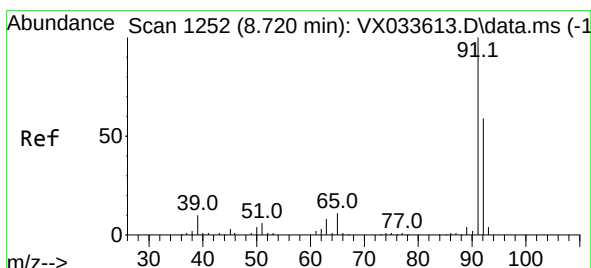
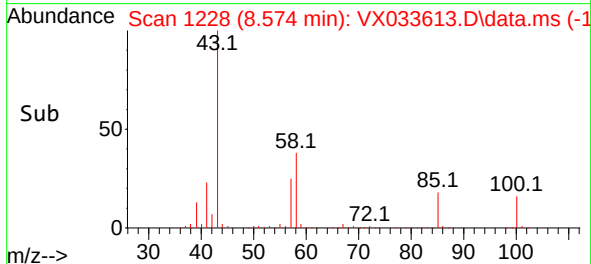
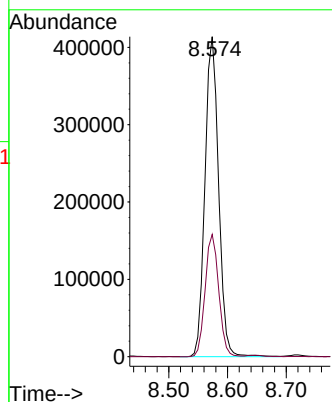
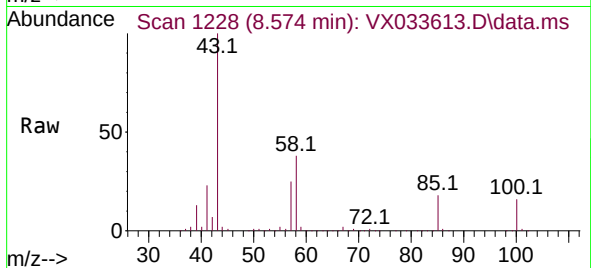
VSTDICCC050

Tgt Ion: 43 Resp: 667110

Ion Ratio Lower Upper

43 100

58 38.1 30.5 45.7



#52

Toluene

Concen: 51.647 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX033613.D

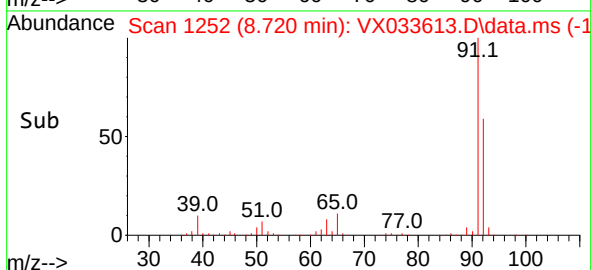
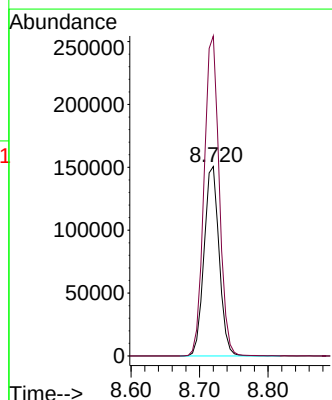
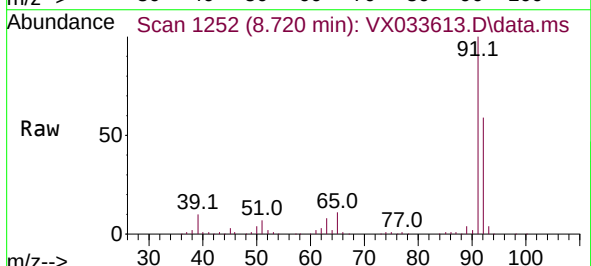
Acq: 04 Jan 2023 12:14

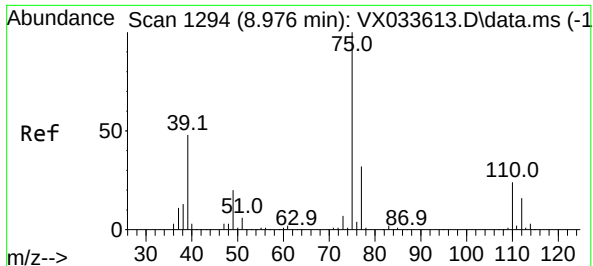
Tgt Ion: 92 Resp: 231058

Ion Ratio Lower Upper

92 100

91 169.3 135.4 203.2





#53

t-1,3-Dichloropropene

Concen: 55.630 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX033613.D

Acq: 04 Jan 2023 12:14

Instrument :

MSVOA_X

ClientSampleId :

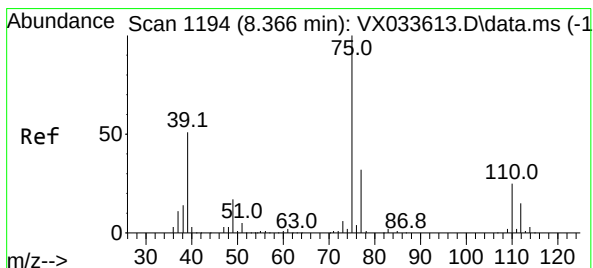
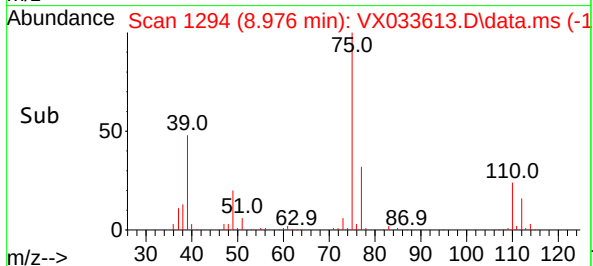
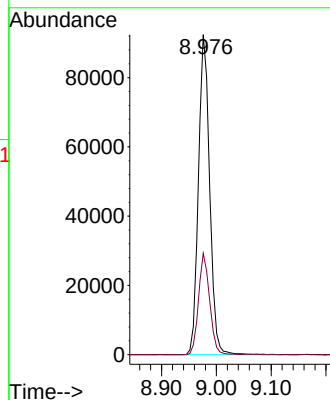
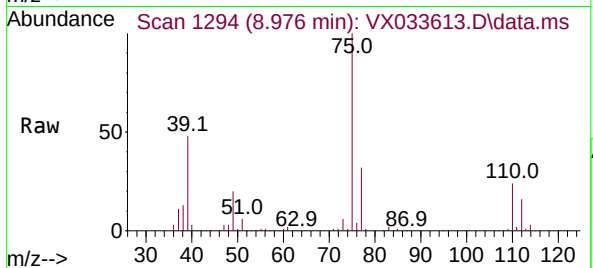
VSTDICCC050

Tgt Ion: 75 Resp: 132027

Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 54.742 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033613.D

Acq: 04 Jan 2023 12:14

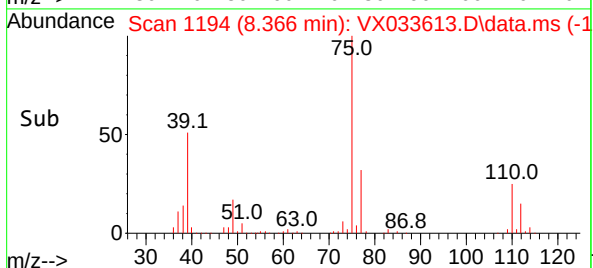
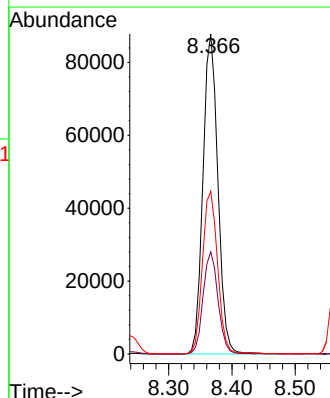
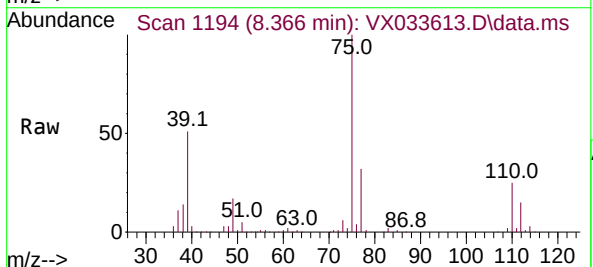
Tgt Ion: 75 Resp: 144066

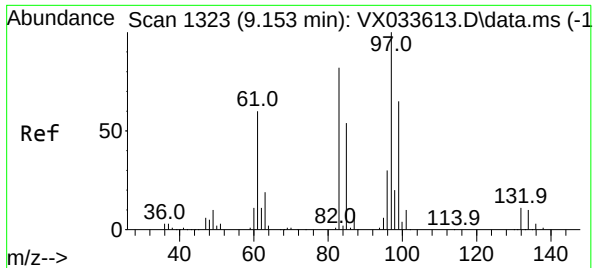
Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3

39 50.8 40.6 61.0

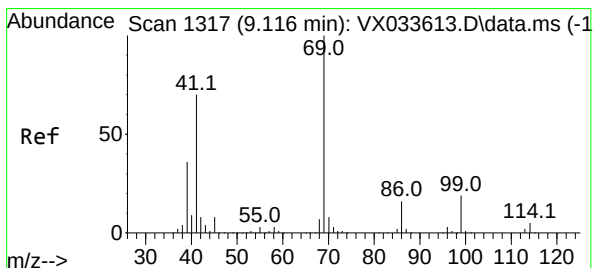
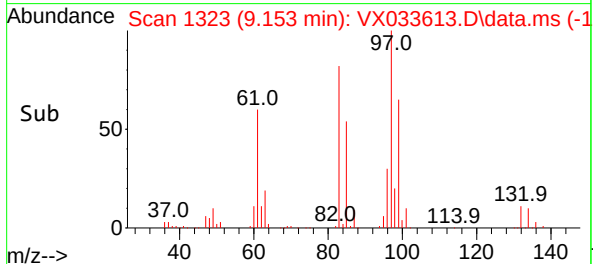
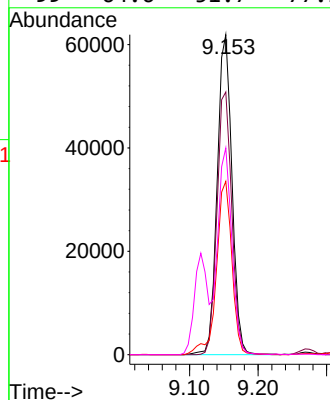
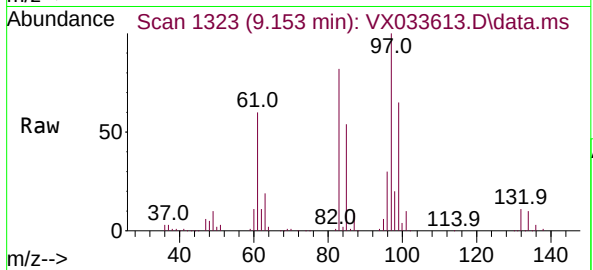




#55
1,1,2-Trichloroethane
Concen: 52.712 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX033613.D
Acq: 04 Jan 2023 12:14

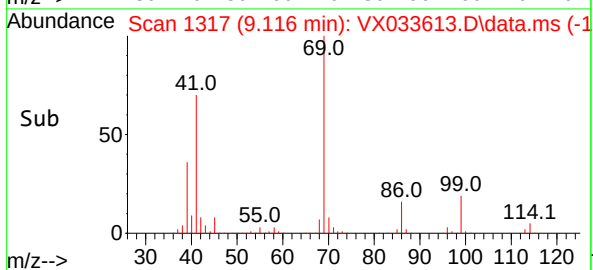
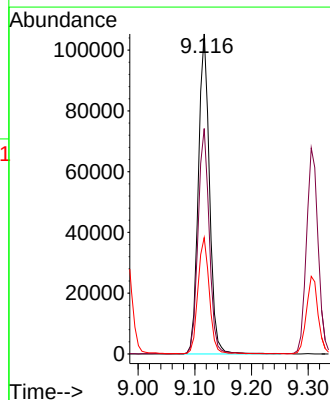
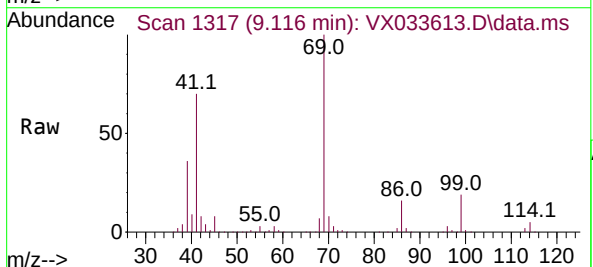
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

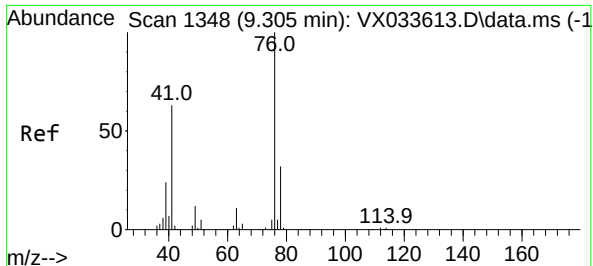
Tgt Ion: 97	Resp: 92369
Ion Ratio	Lower Upper
97 100	
83 82.1	65.7 98.5
85 54.2	43.4 65.0
99 64.6	51.7 77.5



#56
Ethyl methacrylate
Concen: 54.787 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033613.D
Acq: 04 Jan 2023 12:14

Tgt Ion: 69	Resp: 143325
Ion Ratio	Lower Upper
69 100	
41 70.7	56.6 84.8
39 36.7	29.4 44.0





#57

1,3-Dichloropropane

Concen: 51.832 ug/l

RT: 9.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033613.D

Acq: 04 Jan 2023 12:14

Instrument :

MSVOA_X

ClientSampleId :

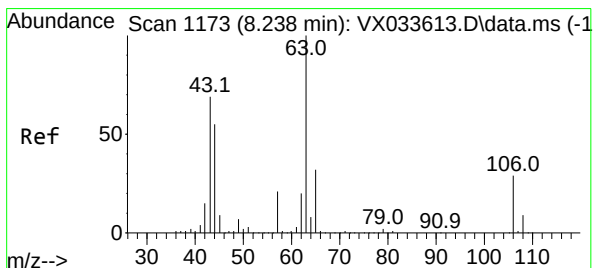
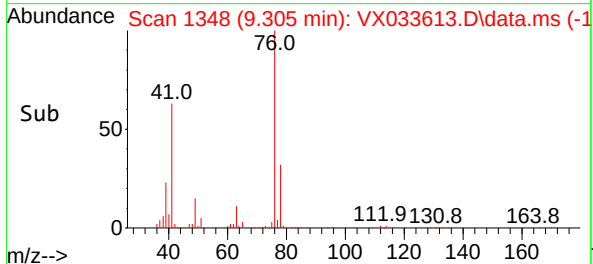
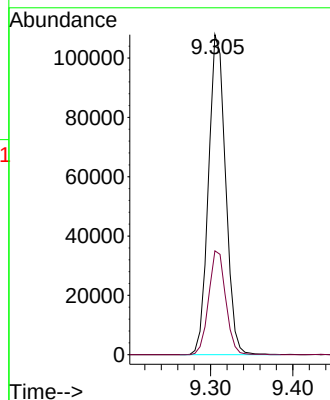
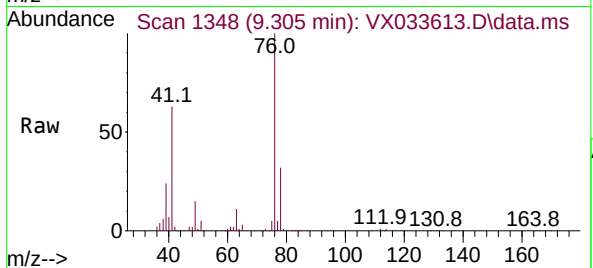
VSTDICCC050

Tgt Ion: 76 Resp: 155398

Ion Ratio Lower Upper

76 100

78 32.4 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 265.825 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX033613.D

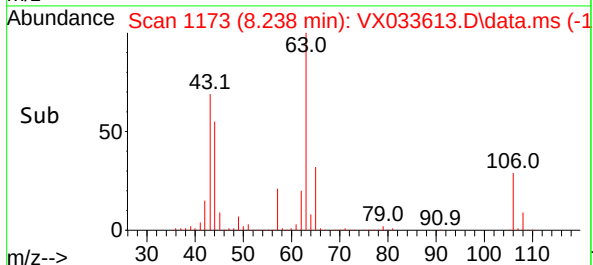
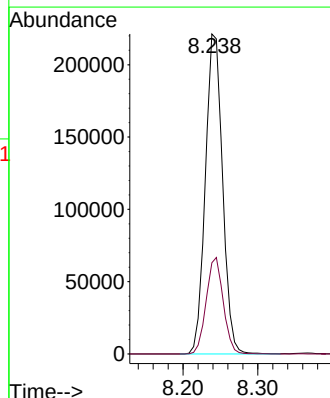
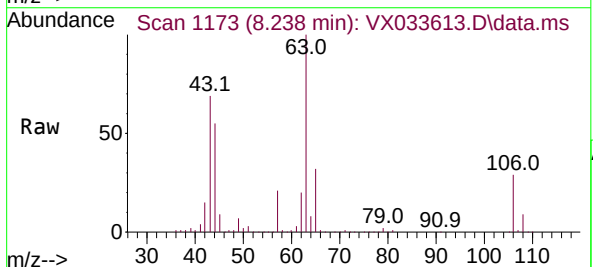
Acq: 04 Jan 2023 12:14

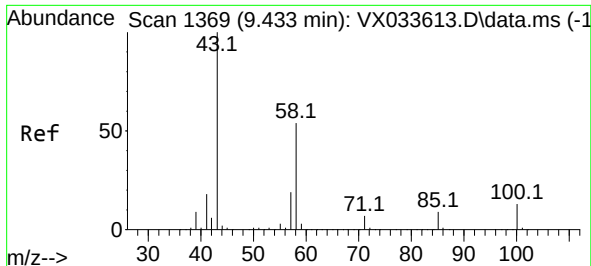
Tgt Ion: 63 Resp: 353740

Ion Ratio Lower Upper

63 100

106 29.8 23.8 35.8





#59

2-Hexanone

Concen: 265.318 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX033613.D

Acq: 04 Jan 2023 12:14

Instrument :

MSVOA_X

ClientSampleId :

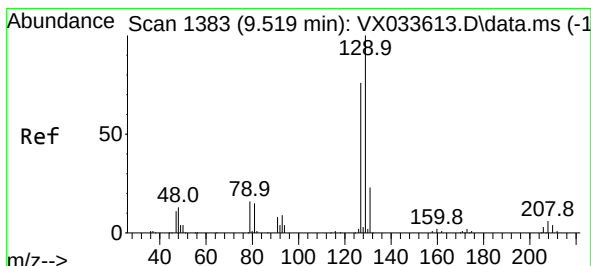
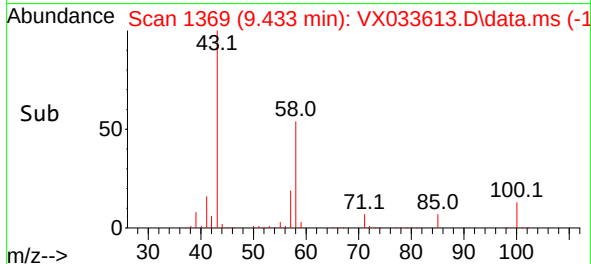
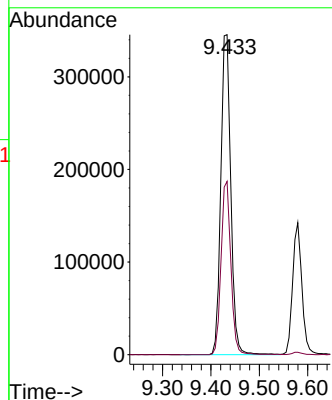
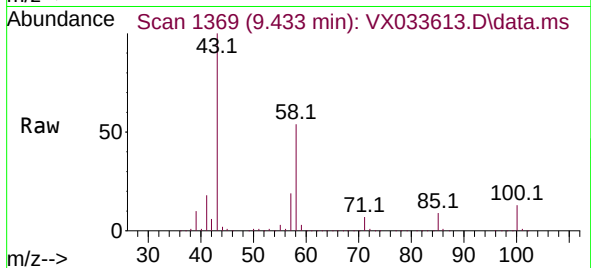
VSTDICCC050

Tgt Ion: 43 Resp: 493793

Ion Ratio Lower Upper

43 100

58 53.2 26.6 79.8



#60

Dibromochloromethane

Concen: 53.834 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX033613.D

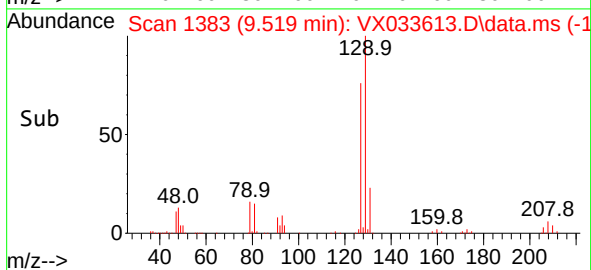
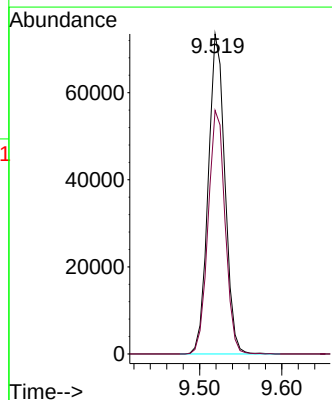
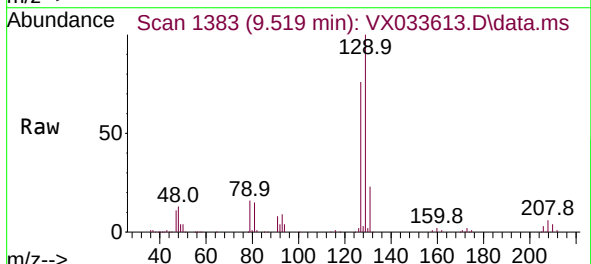
Acq: 04 Jan 2023 12:14

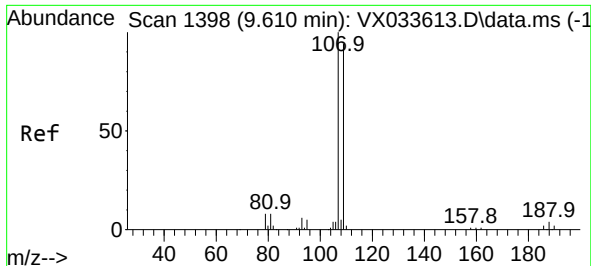
Tgt Ion: 129 Resp: 103185

Ion Ratio Lower Upper

129 100

127 77.5 38.8 116.3

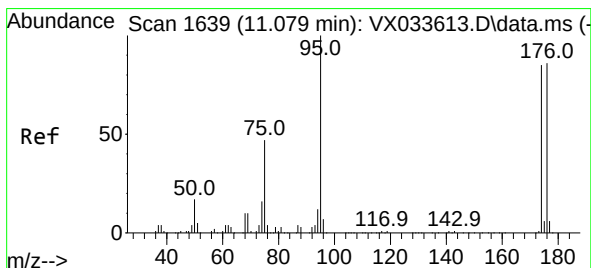
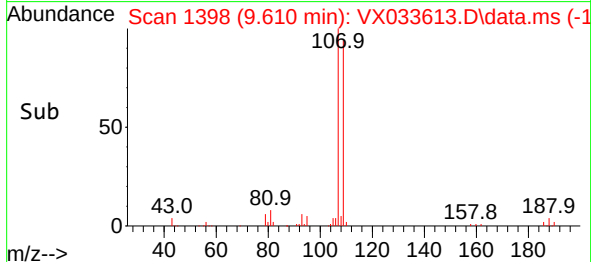
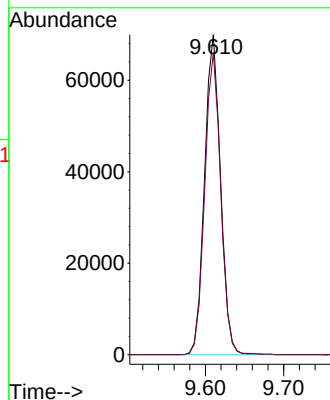
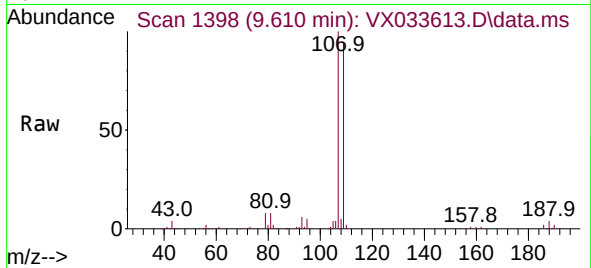




#61
1,2-Dibromoethane
Concen: 53.426 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX033613.D
Acq: 04 Jan 2023 12:14

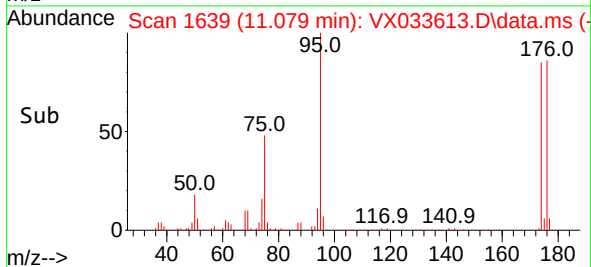
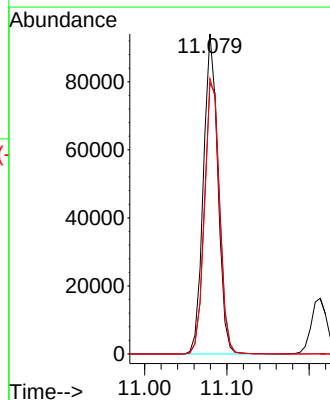
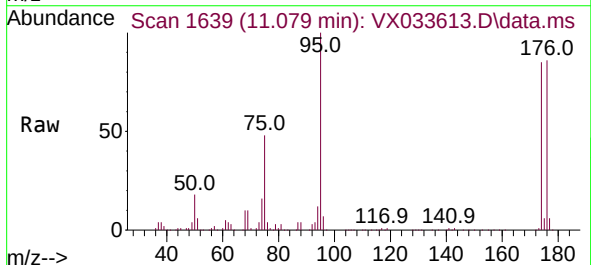
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

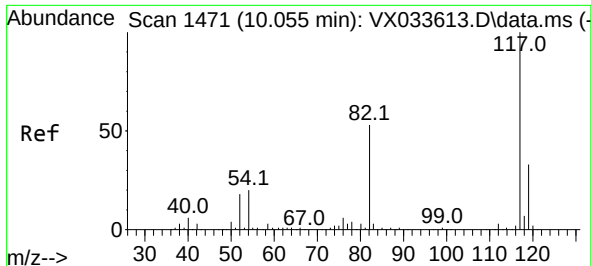
Tgt Ion:107 Resp: 99024
Ion Ratio Lower Upper
107 100
109 94.3 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 52.631 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033613.D
Acq: 04 Jan 2023 12:14

Tgt Ion: 95 Resp: 114607
Ion Ratio Lower Upper
95 100
174 90.2 0.0 180.4
176 88.1 0.0 176.2

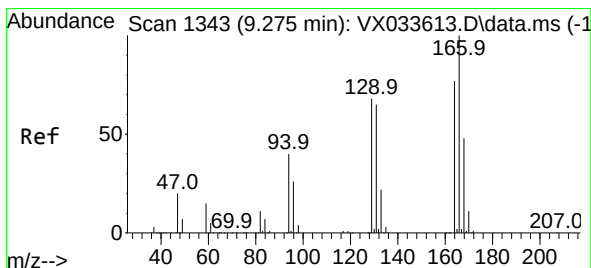
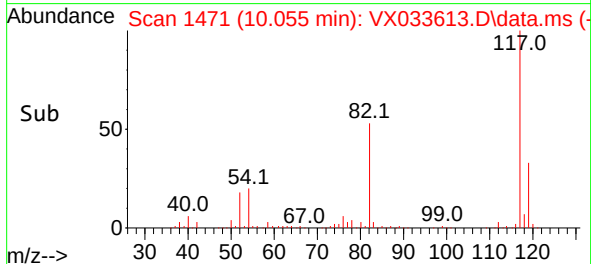
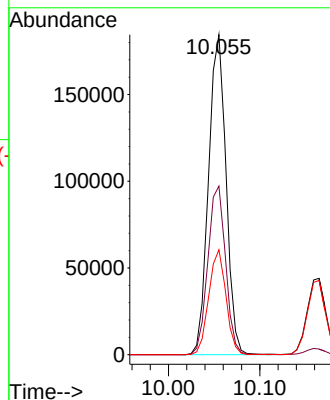
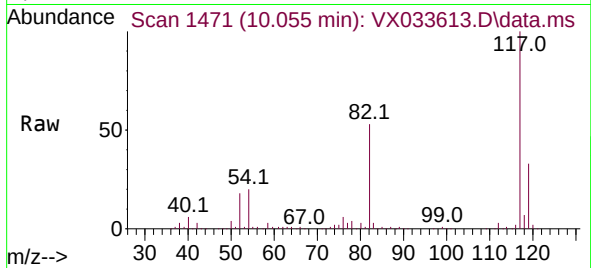




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033613.D
Acq: 04 Jan 2023 12:14

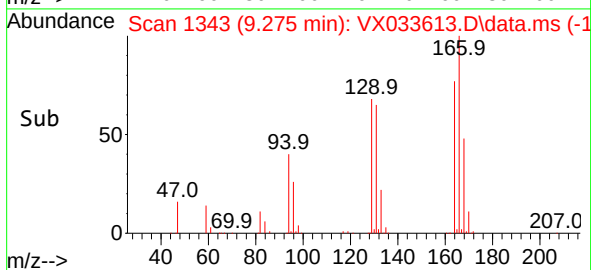
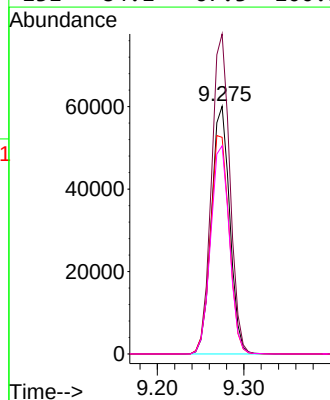
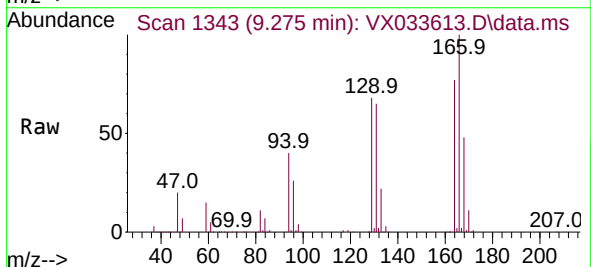
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

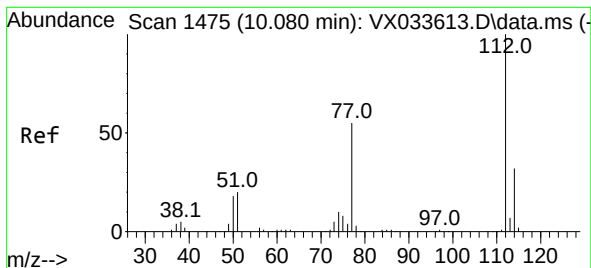
Tgt Ion:117 Resp: 244971
Ion Ratio Lower Upper
117 100
82 52.7 42.2 63.2
119 32.8 26.2 39.4



#64
Tetrachloroethene
Concen: 49.062 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033613.D
Acq: 04 Jan 2023 12:14

Tgt Ion:164 Resp: 88450
Ion Ratio Lower Upper
164 100
166 129.2 103.4 155.0
129 87.5 70.0 105.0
131 84.1 67.3 100.9

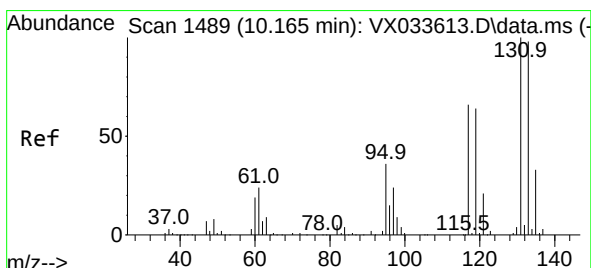
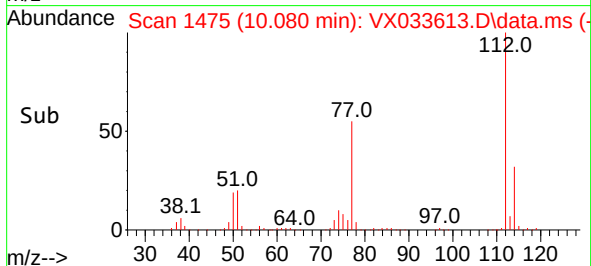
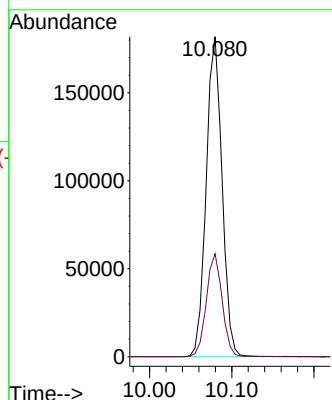
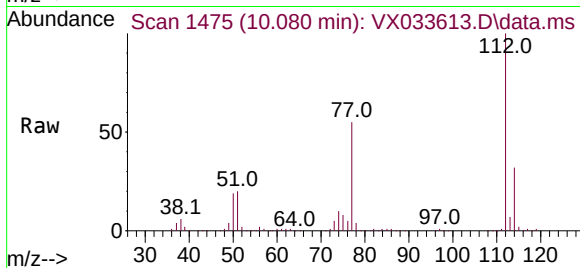




#65
Chlorobenzene
Concen: 48.613 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033613.D
Acq: 04 Jan 2023 12:14

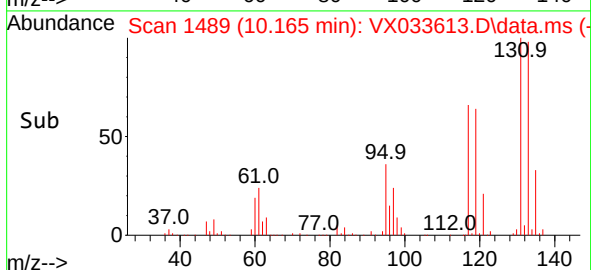
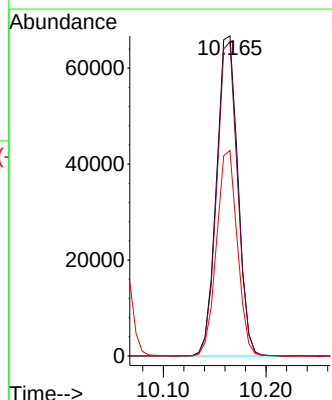
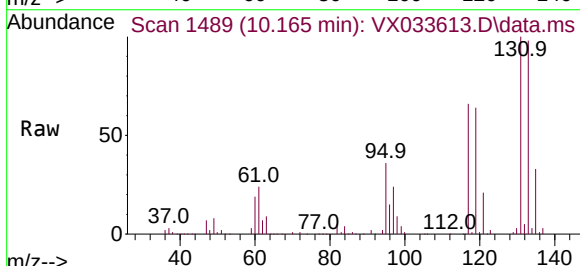
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

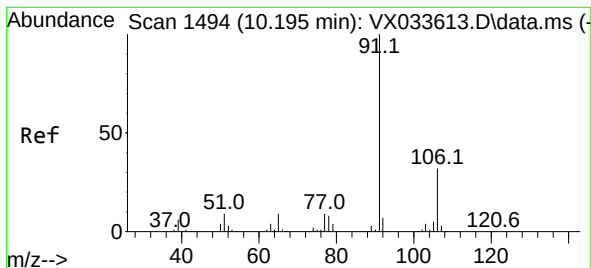
Tgt Ion:112 Resp: 243702
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.125 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX033613.D
Acq: 04 Jan 2023 12:14

Tgt Ion:131 Resp: 95804
Ion Ratio Lower Upper
131 100
133 96.1 48.0 144.2
119 62.9 31.4 94.3





#67

Ethyl Benzene

Concen: 51.156 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX033613.D

Acq: 04 Jan 2023 12:14

Instrument :

MSVOA_X

ClientSampleId :

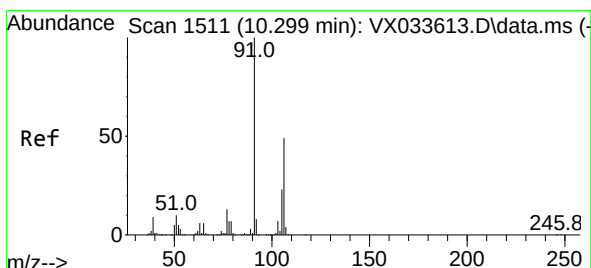
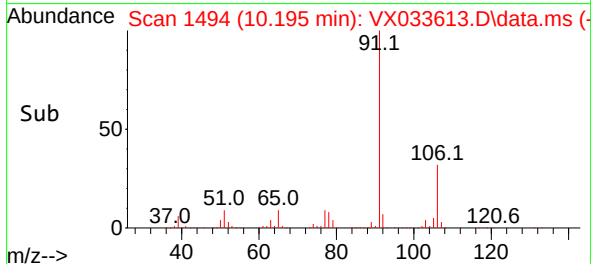
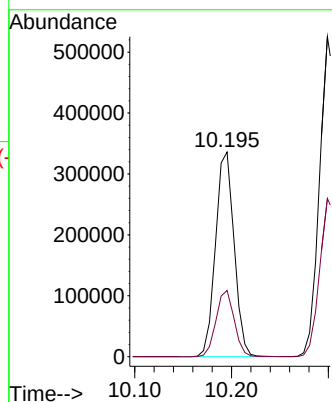
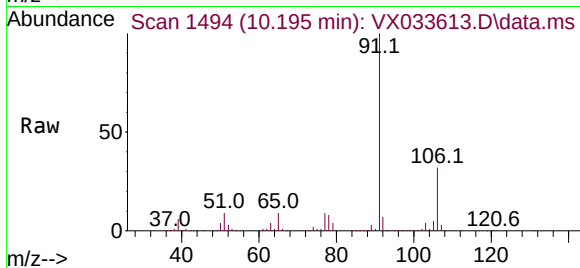
VSTDICCC050

Tgt Ion: 91 Resp: 447637

Ion Ratio Lower Upper

91 100

106 32.4 25.9 38.9



#68

m/p-Xylenes

Concen: 102.221 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX033613.D

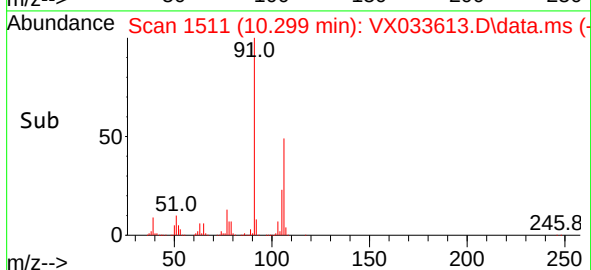
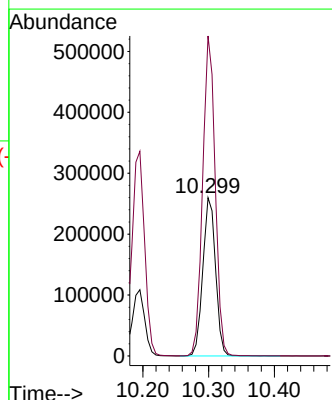
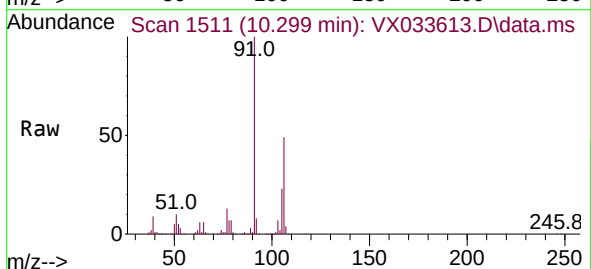
Acq: 04 Jan 2023 12:14

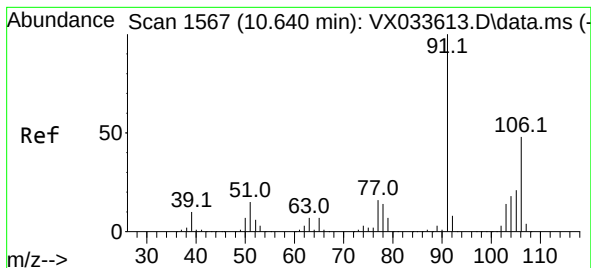
Tgt Ion:106 Resp: 349081

Ion Ratio Lower Upper

106 100

91 199.5 159.6 239.4

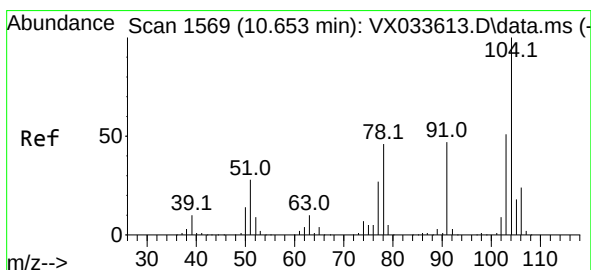
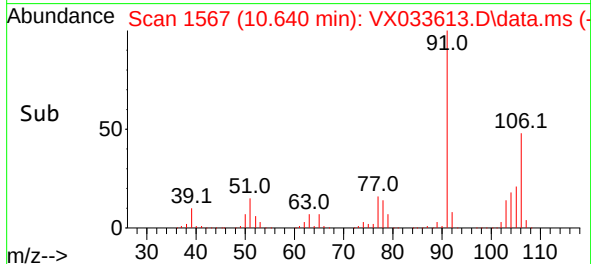
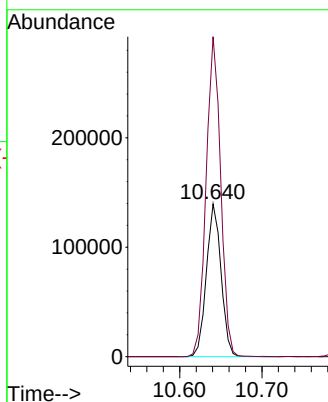
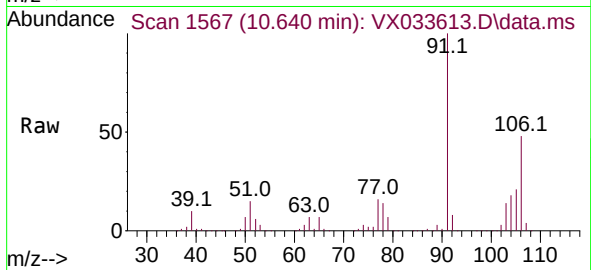




#69
o-Xylene
Concen: 51.019 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033613.D
Acq: 04 Jan 2023 12:14

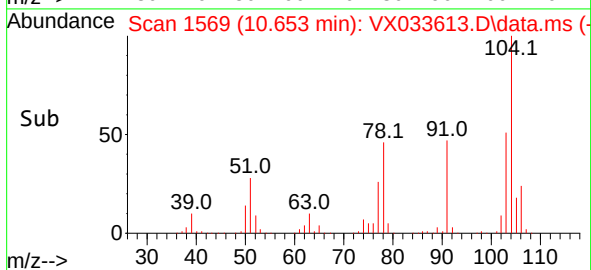
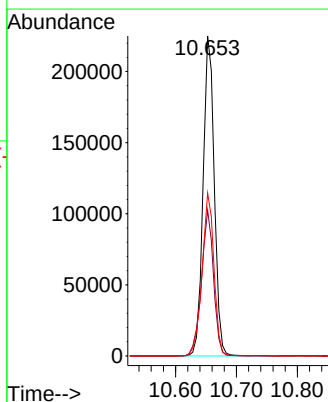
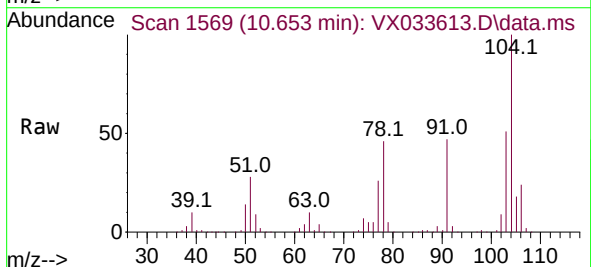
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

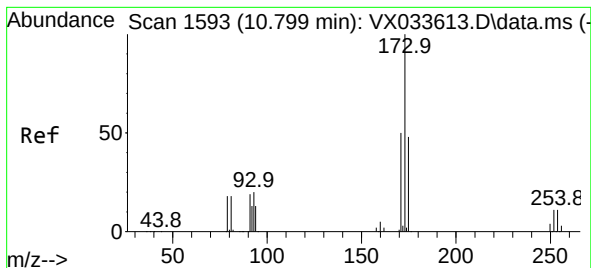
Tgt Ion:106 Resp: 172741
Ion Ratio Lower Upper
106 100
91 208.2 104.1 312.3



#70
Styrene
Concen: 51.757 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX033613.D
Acq: 04 Jan 2023 12:14

Tgt Ion:104 Resp: 287888
Ion Ratio Lower Upper
104 100
78 49.1 39.3 58.9
103 54.1 43.3 64.9





#71

Bromoform

Concen: 53.999 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX033613.D

Acq: 04 Jan 2023 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

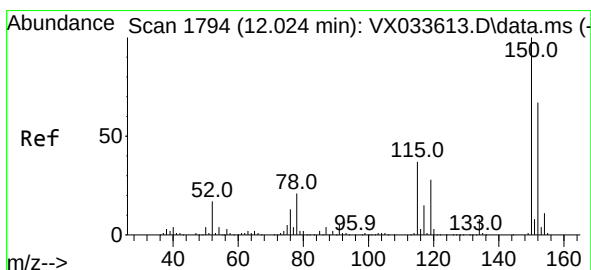
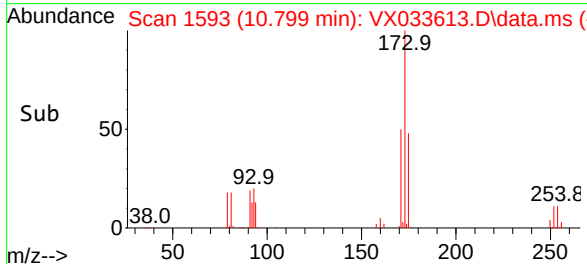
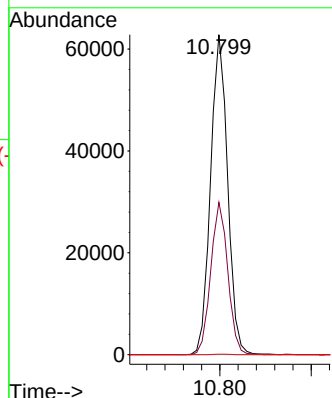
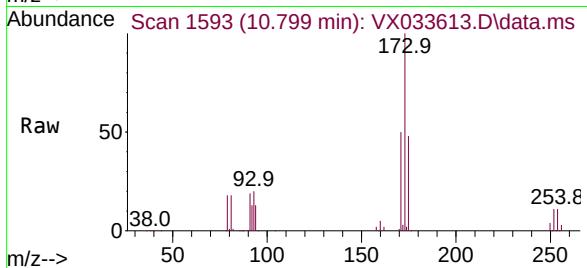
Tgt Ion:173 Resp: 81014

Ion Ratio Lower Upper

173 100

175 47.7 23.8 71.5

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: VX033613.D

Acq: 04 Jan 2023 12:14

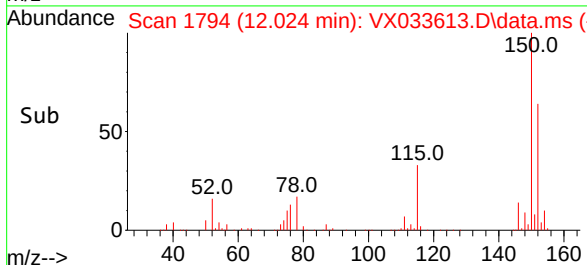
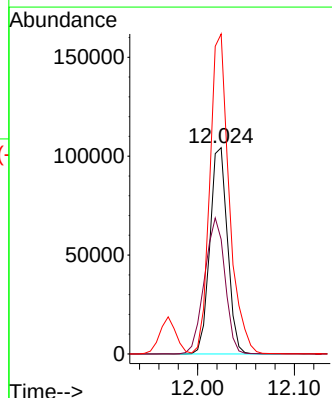
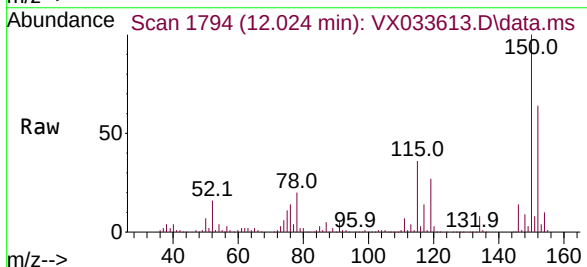
Tgt Ion:152 Resp: 132052

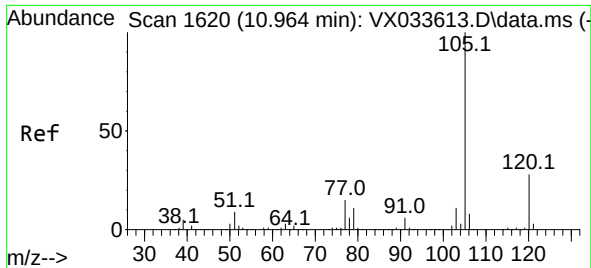
Ion Ratio Lower Upper

152 100

115 77.0 38.5 115.5

150 170.2 0.0 340.4

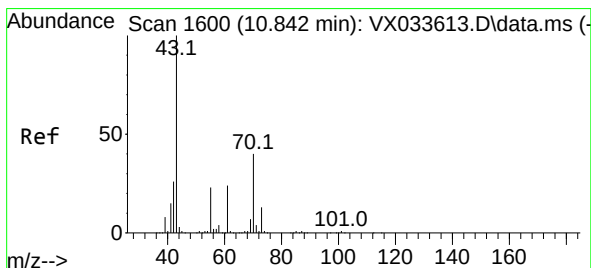
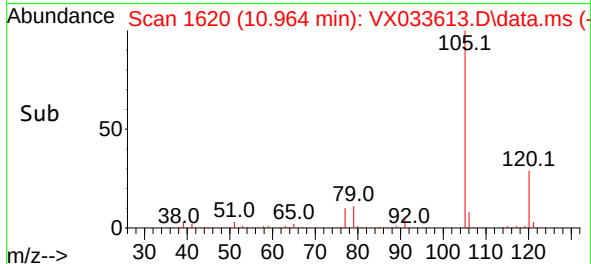
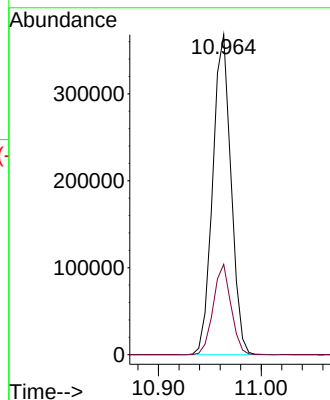
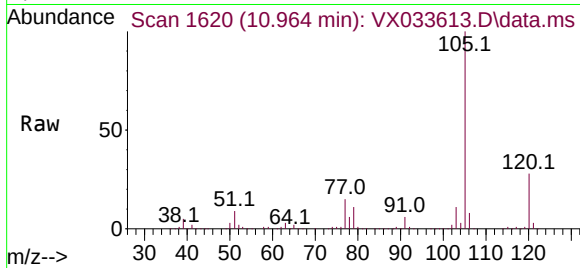




#73
Isopropylbenzene
Concen: 48.883 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033613.D
Acq: 04 Jan 2023 12:14

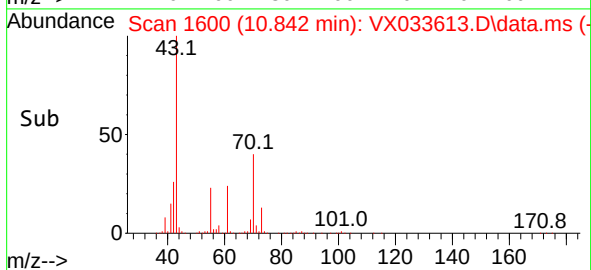
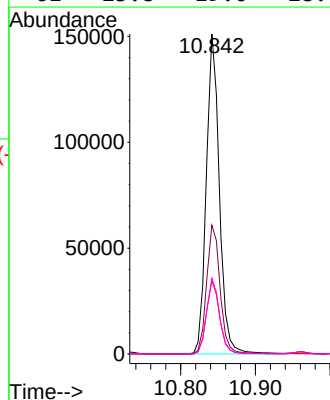
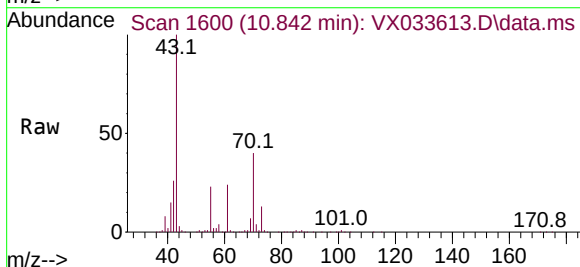
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

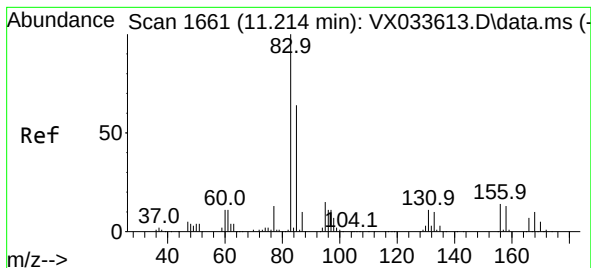
Tgt Ion:105 Resp: 455872
Ion Ratio Lower Upper
105 100
120 27.3 13.7 41.0



#74
N-ethyl acetate
Concen: 48.540 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033613.D
Acq: 04 Jan 2023 12:14

Tgt Ion: 43 Resp: 183423
Ion Ratio Lower Upper
43 100
70 41.7 33.4 50.0
55 23.2 18.6 27.8
61 23.8 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 47.323 ug/l

RT: 11.214 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX033613.D

Acq: 04 Jan 2023 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

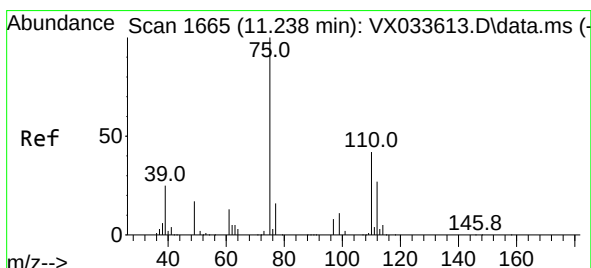
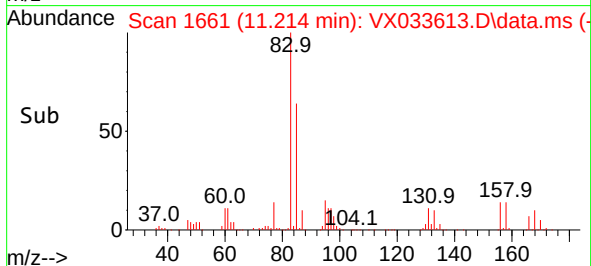
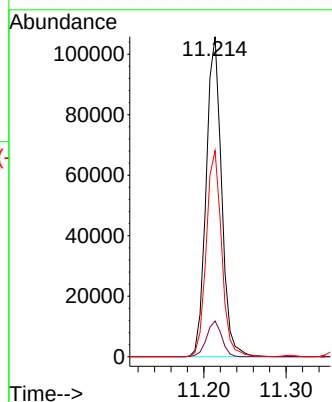
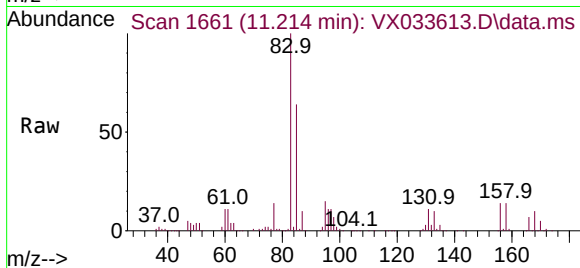
Tgt Ion: 83 Resp: 137552

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.5

85 64.3 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 61.170 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX033613.D

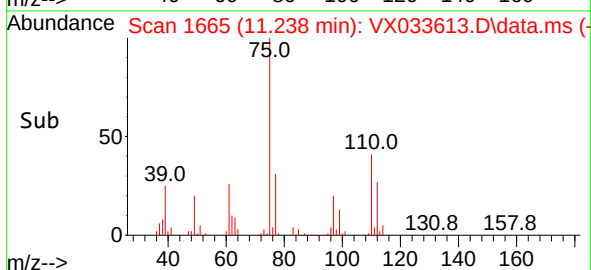
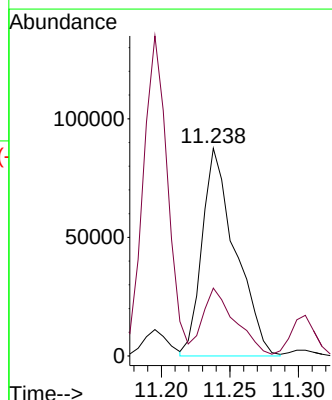
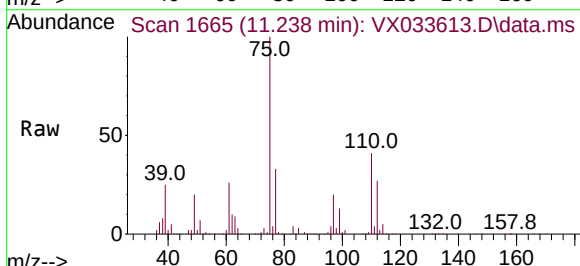
Acq: 04 Jan 2023 12:14

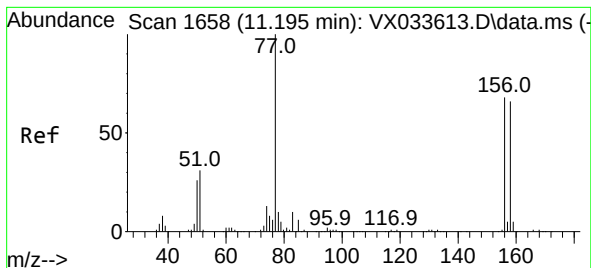
Tgt Ion: 75 Resp: 147985

Ion Ratio Lower Upper

75 100

77 32.0 21.3 63.9





#77

Bromobenzene

Concen: 47.762 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX033613.D

Acq: 04 Jan 2023 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

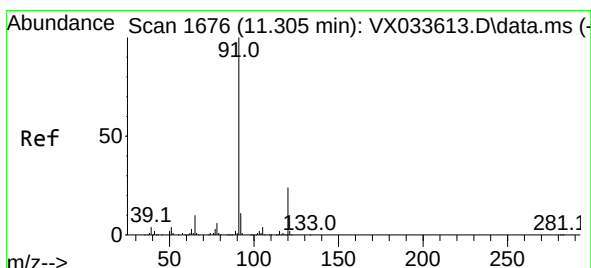
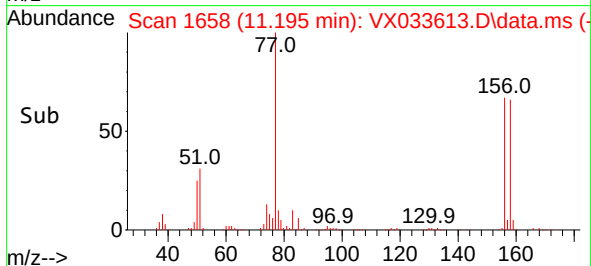
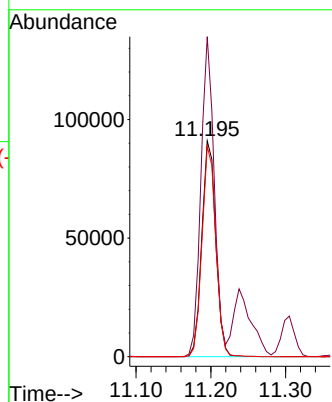
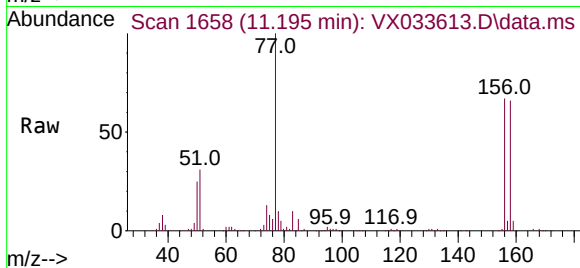
Tgt Ion:156 Resp: 117907

Ion Ratio Lower Upper

156 100

77 141.7 70.9 212.6

158 96.6 48.3 144.9



#78

n-propylbenzene

Concen: 48.956 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX033613.D

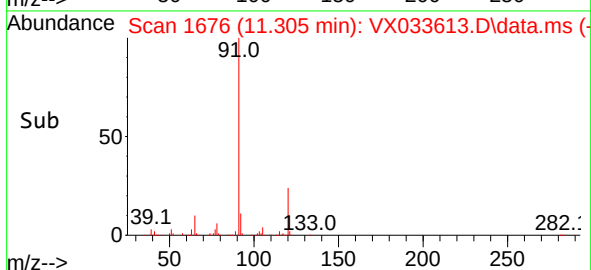
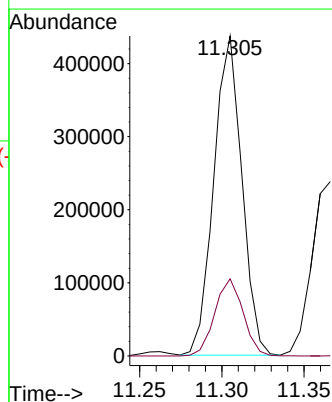
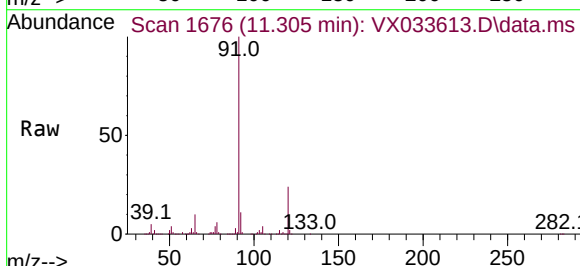
Acq: 04 Jan 2023 12:14

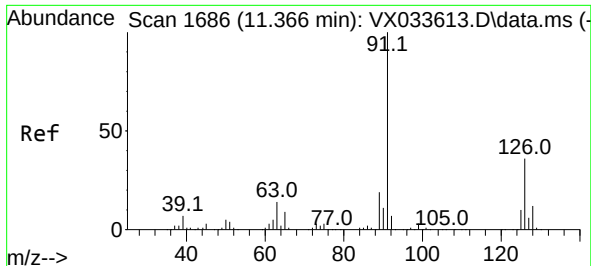
Tgt Ion: 91 Resp: 517586

Ion Ratio Lower Upper

91 100

120 24.4 12.2 36.6

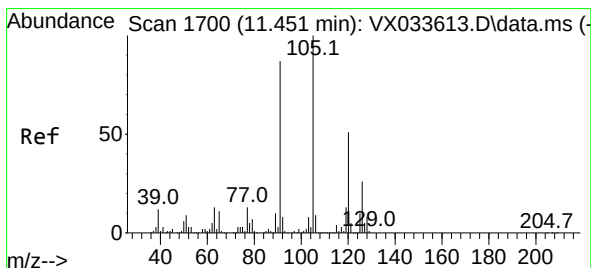
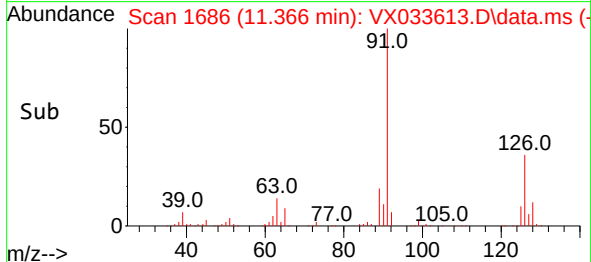
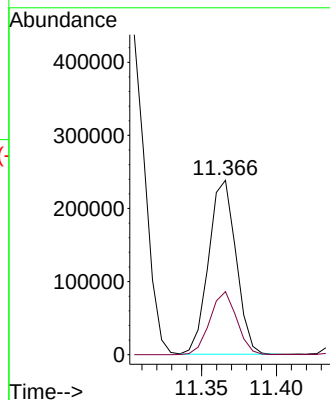
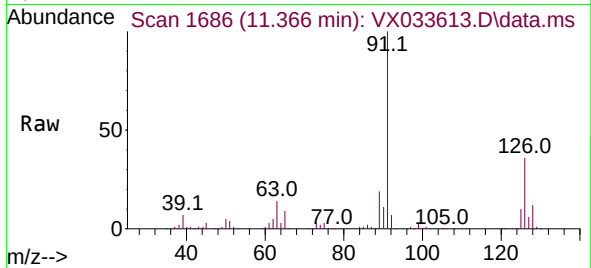




#79
2-Chlorotoluene
Concen: 47.906 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX033613.D
Acq: 04 Jan 2023 12:14

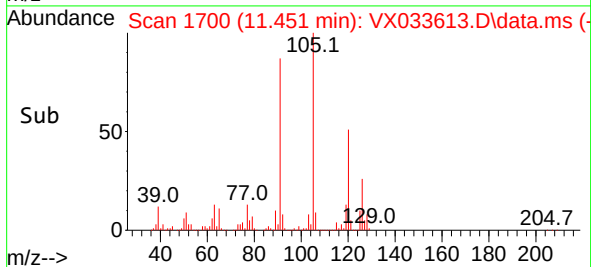
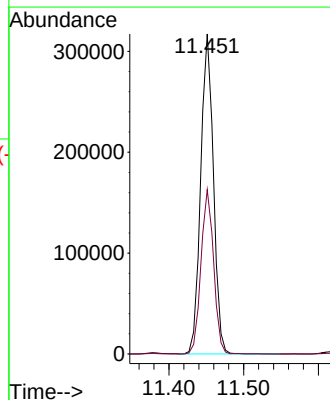
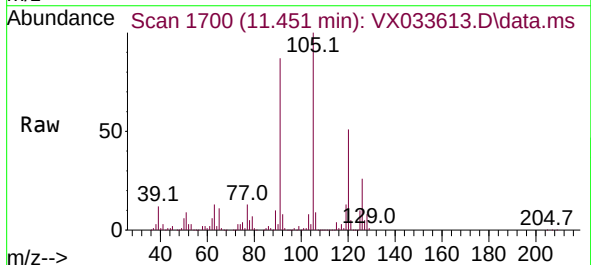
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

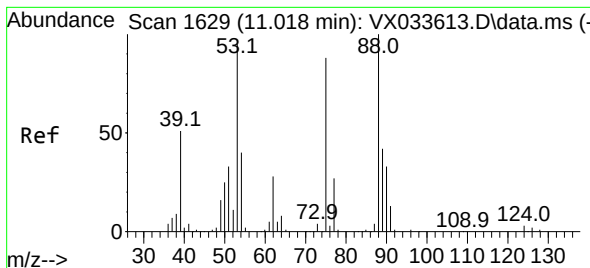
Tgt Ion: 91 Resp: 304193
Ion Ratio Lower Upper
91 100
126 35.3 17.6 52.9



#80
1,3,5-Trimethylbenzene
Concen: 48.740 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033613.D
Acq: 04 Jan 2023 12:14

Tgt Ion: 105 Resp: 374215
Ion Ratio Lower Upper
105 100
120 51.0 25.5 76.5

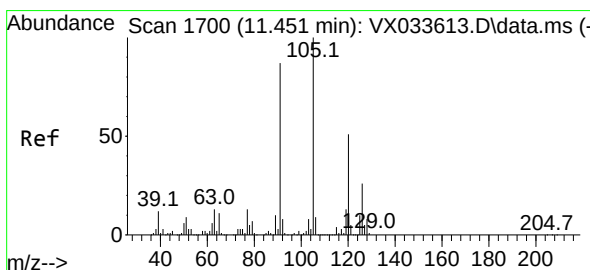
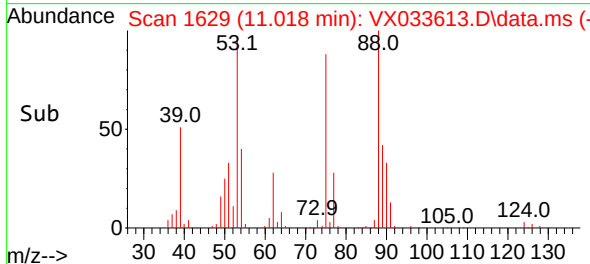
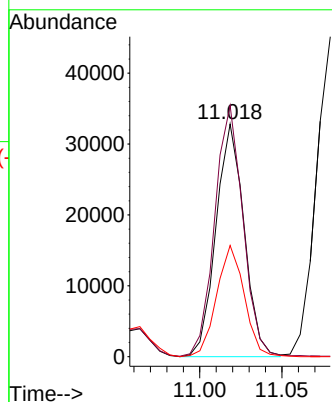
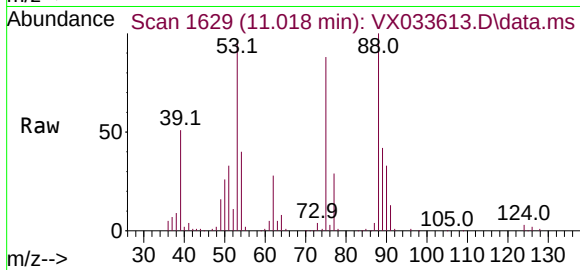




#81
trans-1,4-Dichloro-2-butene
Concen: 49.055 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033613.D
Acq: 04 Jan 2023 12:14

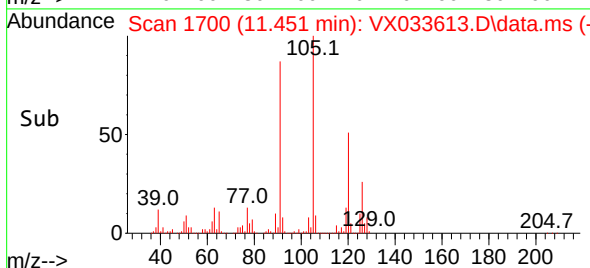
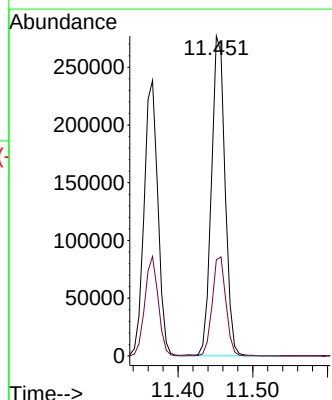
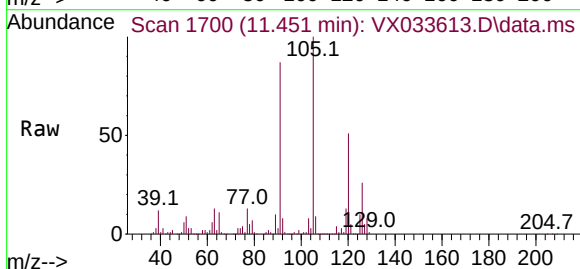
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

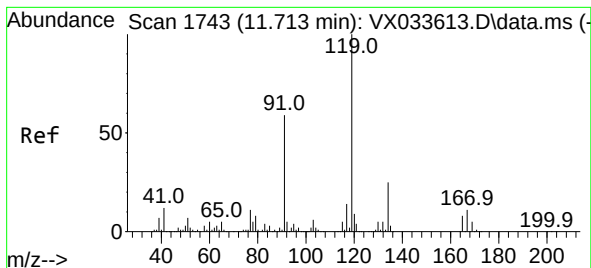
Tgt Ion: 75 Resp: 39100
Ion Ratio Lower Upper
75 100
53 108.0 86.4 129.6
89 46.8 37.4 56.2



#82
4-Chlorotoluene
Concen: 47.736 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033613.D
Acq: 04 Jan 2023 12:14

Tgt Ion: 91 Resp: 350462
Ion Ratio Lower Upper
91 100
126 31.3 15.7 47.0





#83

tert-Butylbenzene

Concen: 47.814 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX033613.D

Acq: 04 Jan 2023 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

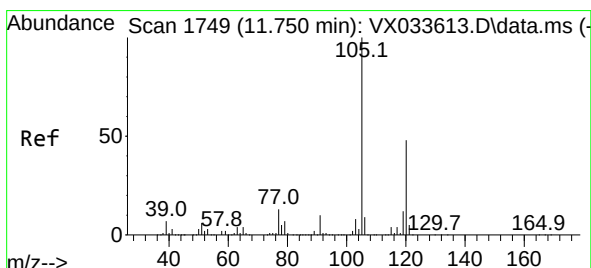
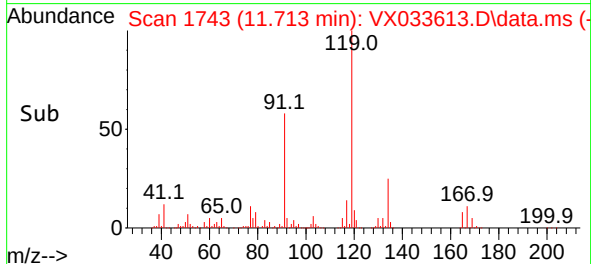
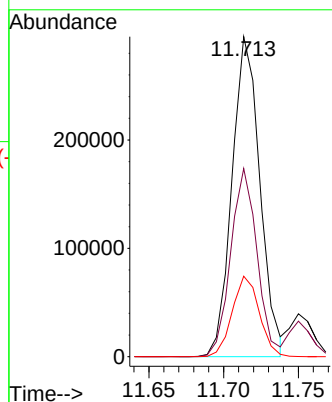
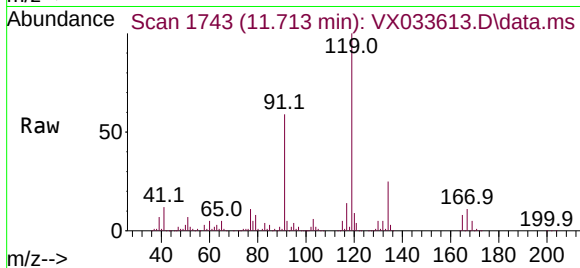
Tgt Ion:119 Resp: 383012

Ion Ratio Lower Upper

119 100

91 55.7 27.9 83.6

134 24.4 12.2 36.6



#84

1,2,4-Trimethylbenzene

Concen: 47.948 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX033613.D

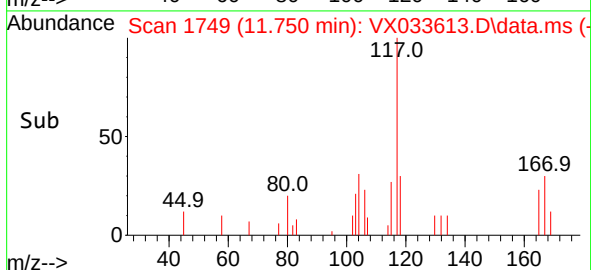
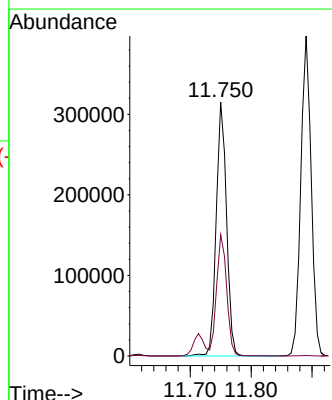
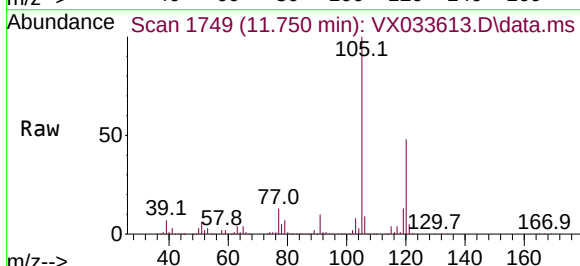
Acq: 04 Jan 2023 12:14

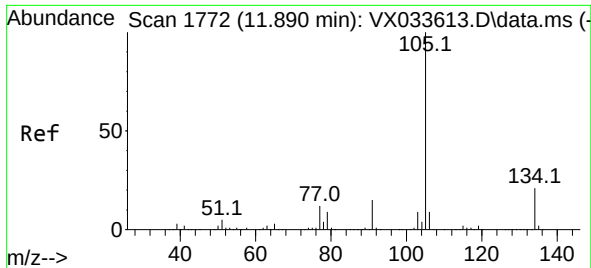
Tgt Ion:105 Resp: 369402

Ion Ratio Lower Upper

105 100

120 46.7 23.4 70.0

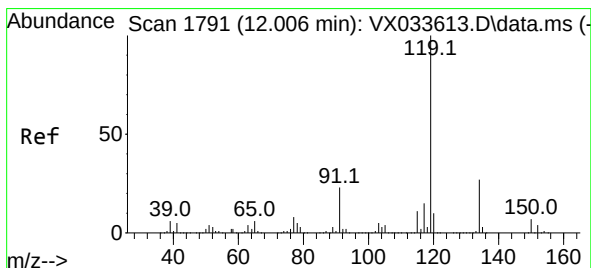
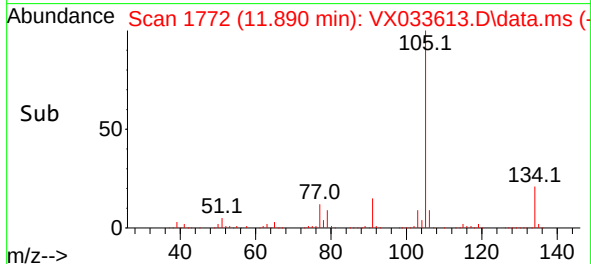
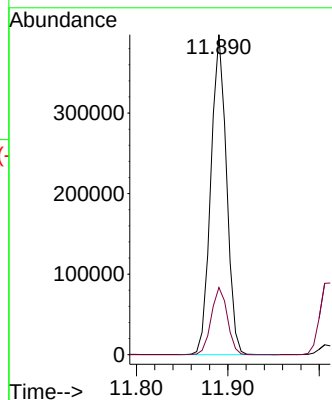
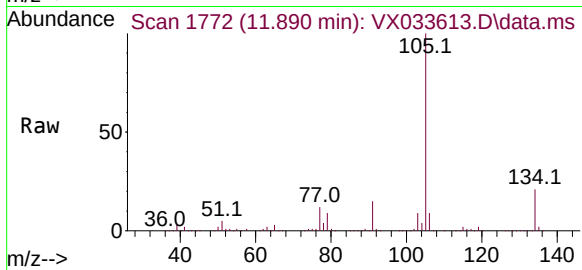




#85
 sec-Butylbenzene
 Concen: 49.830 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033613.D
 Acq: 04 Jan 2023 12:14

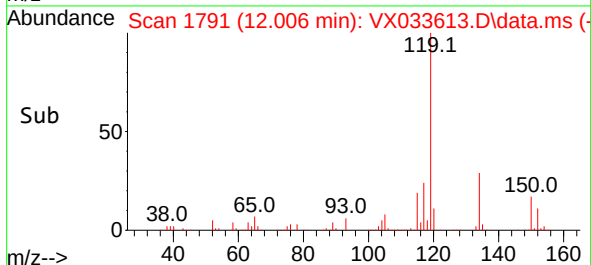
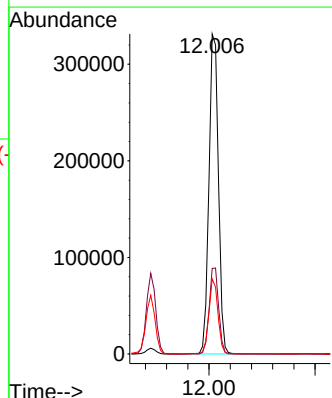
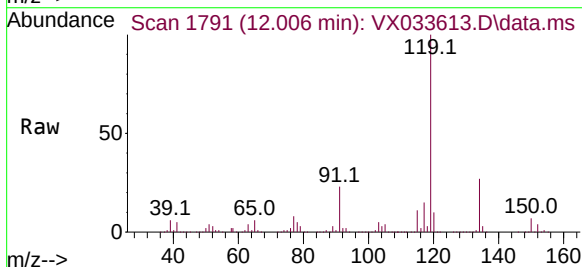
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

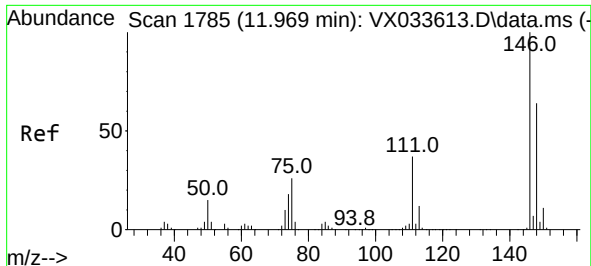
Tgt Ion:105 Resp: 471593
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.8 32.4



#86
 p-Isopropyltoluene
 Concen: 50.538 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX033613.D
 Acq: 04 Jan 2023 12:14

Tgt Ion:119 Resp: 408717
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.2
 91 22.4 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 48.278 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX033613.D

Acq: 04 Jan 2023 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

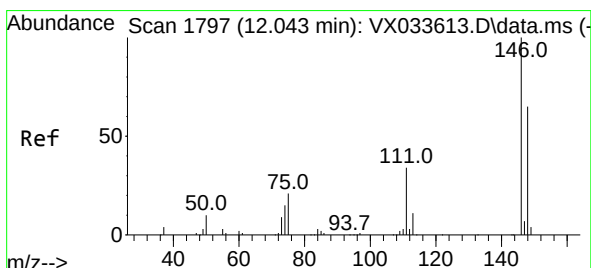
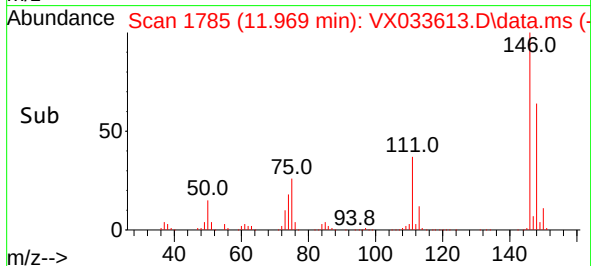
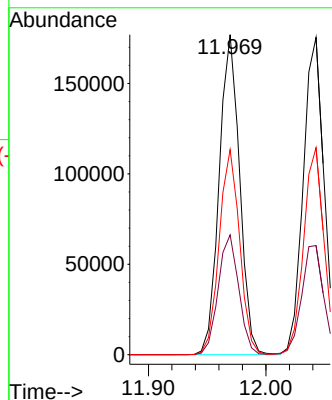
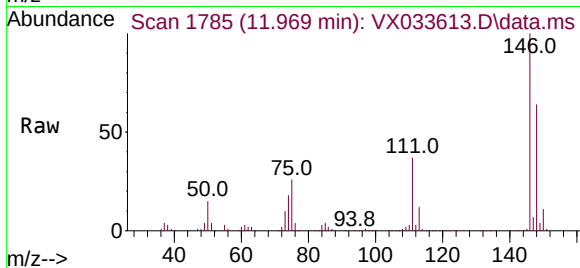
Tgt Ion:146 Resp: 214506

Ion Ratio Lower Upper

146 100

111 37.7 18.9 56.5

148 64.0 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 49.605 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX033613.D

Acq: 04 Jan 2023 12:14

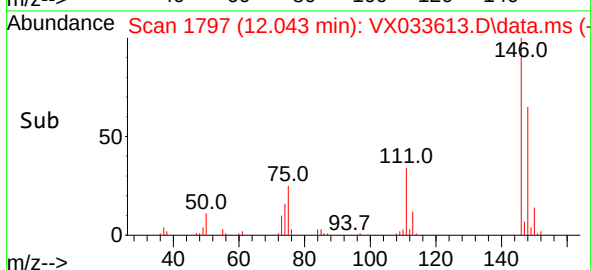
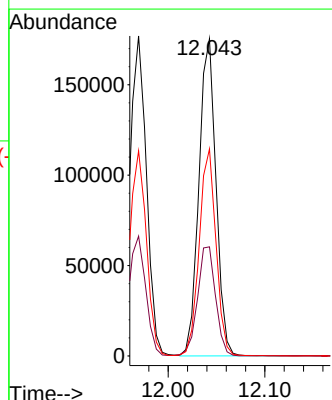
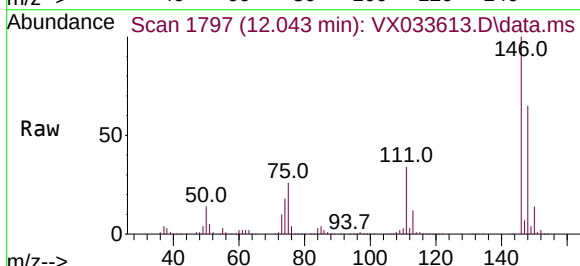
Tgt Ion:146 Resp: 215605

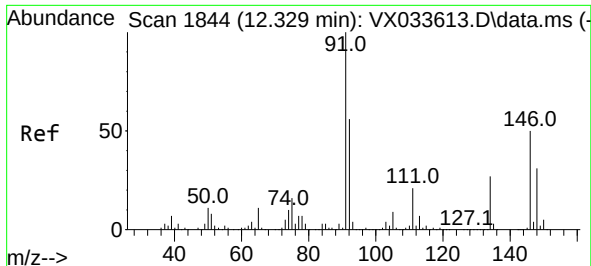
Ion Ratio Lower Upper

146 100

111 36.4 18.2 54.6

148 64.4 32.2 96.6





#89

n-Butylbenzene

Concen: 50.492 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX033613.D

Acq: 04 Jan 2023 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

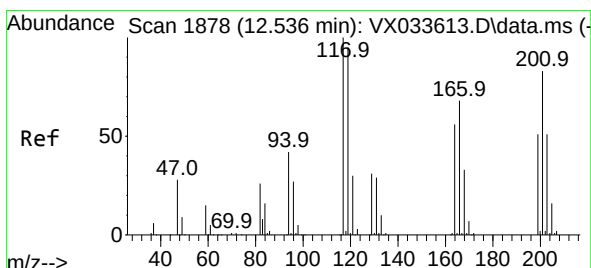
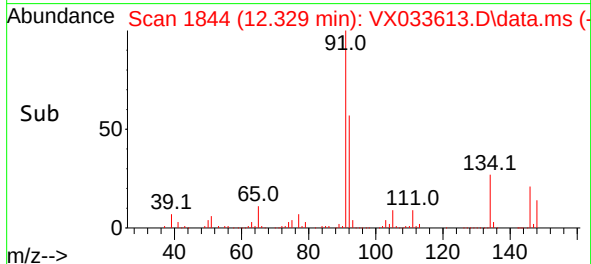
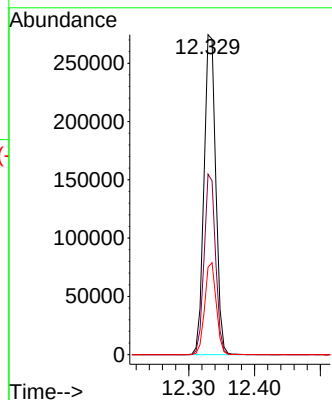
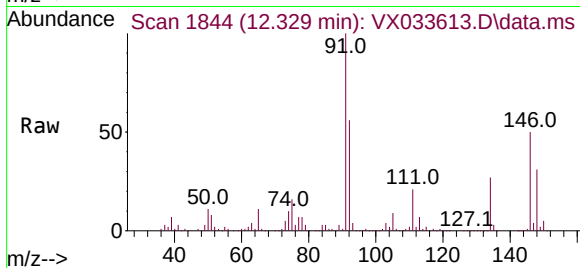
Tgt Ion: 91 Resp: 341474

Ion Ratio Lower Upper

91 100

92 55.1 27.6 82.7

134 28.3 14.1 42.4



#90

Hexachloroethane

Concen: 50.129 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX033613.D

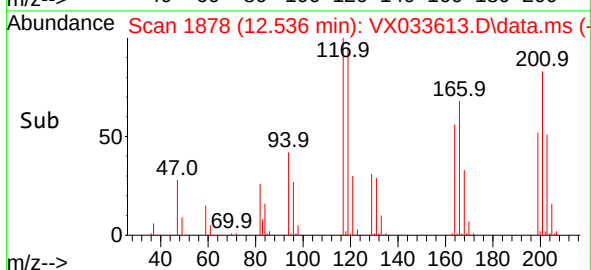
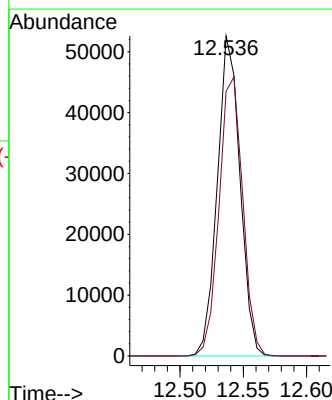
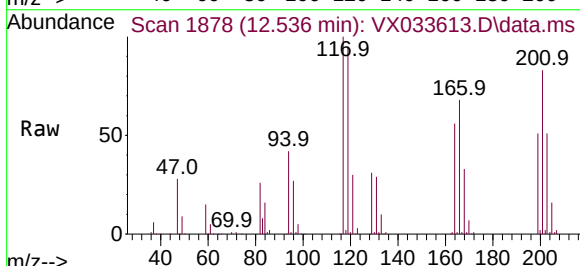
Acq: 04 Jan 2023 12:14

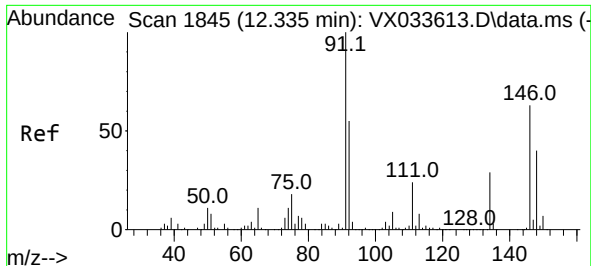
Tgt Ion: 117 Resp: 65405

Ion Ratio Lower Upper

117 100

201 91.1 45.6 136.7

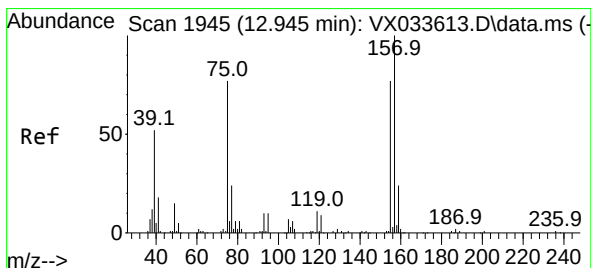
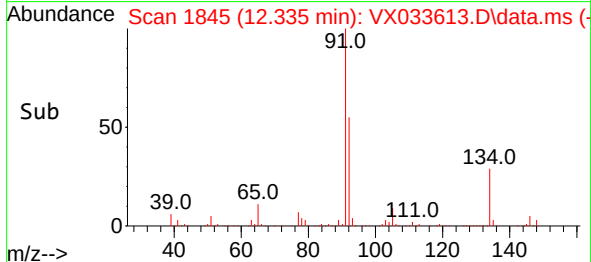
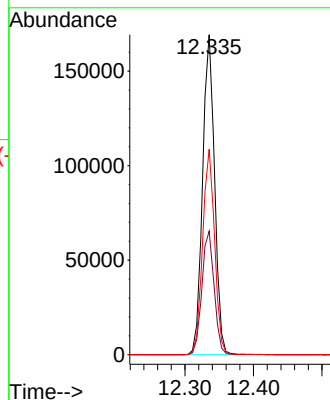
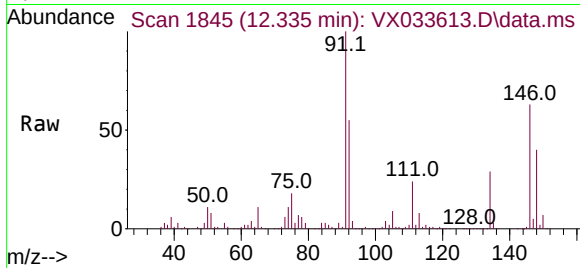




#91
1,2-Dichlorobenzene
Concen: 48.606 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033613.D
Acq: 04 Jan 2023 12:14

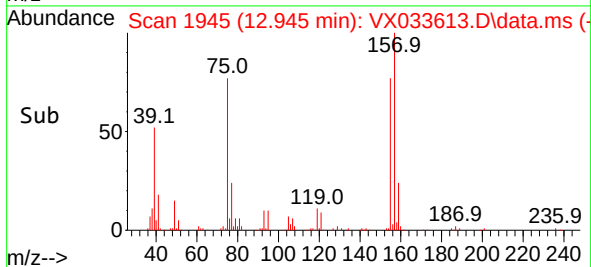
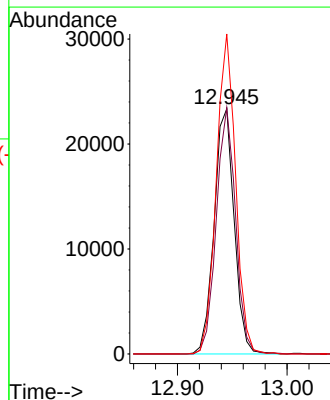
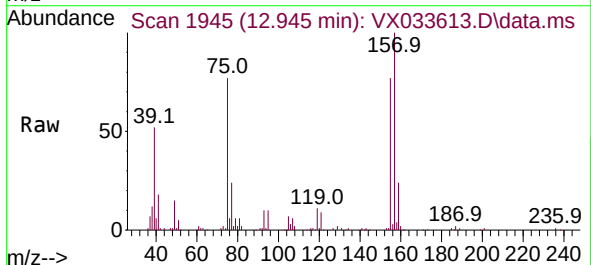
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

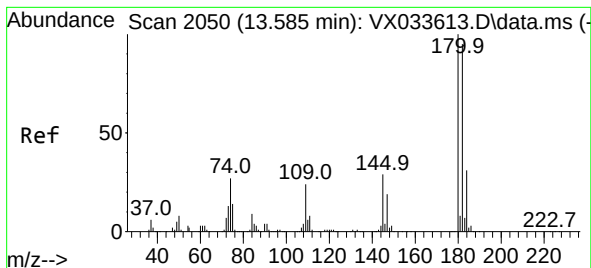
Tgt Ion:146 Resp: 206354
Ion Ratio Lower Upper
146 100
111 39.3 19.7 59.0
148 64.3 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.831 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX033613.D
Acq: 04 Jan 2023 12:14

Tgt Ion: 75 Resp: 29635
Ion Ratio Lower Upper
75 100
155 96.7 48.4 145.0
157 125.5 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 57.590 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX033613.D

Acq: 04 Jan 2023 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

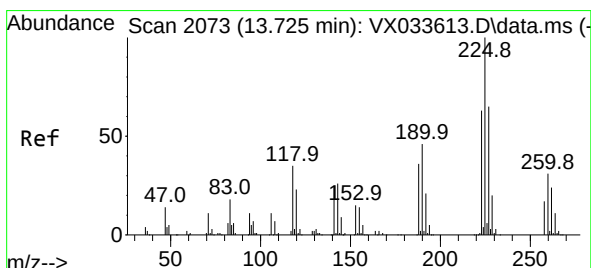
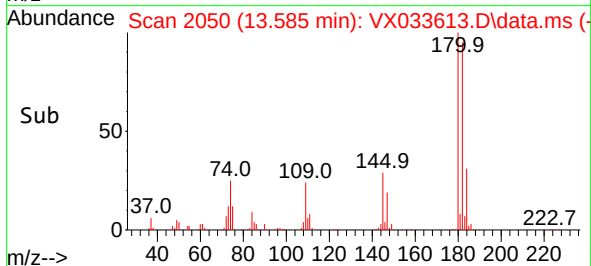
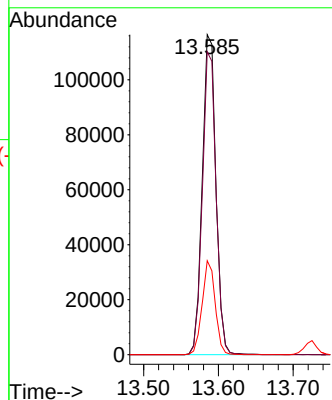
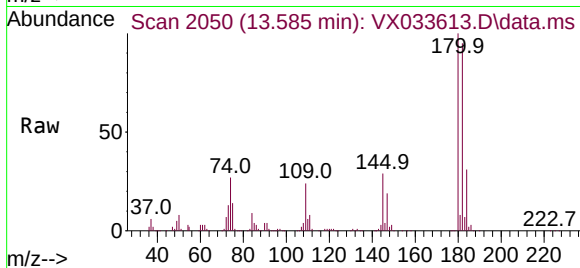
Tgt Ion:180 Resp: 147127

Ion Ratio Lower Upper

180 100

182 94.8 47.4 142.2

145 28.1 14.1 42.2



#94

Hexachlorobutadiene

Concen: 53.800 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX033613.D

Acq: 04 Jan 2023 12:14

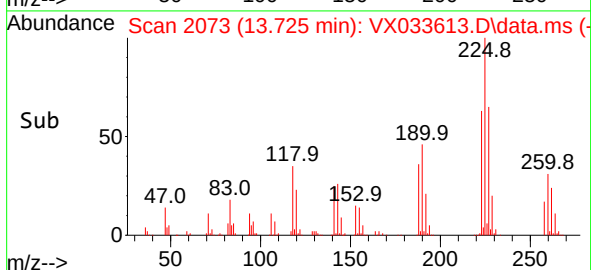
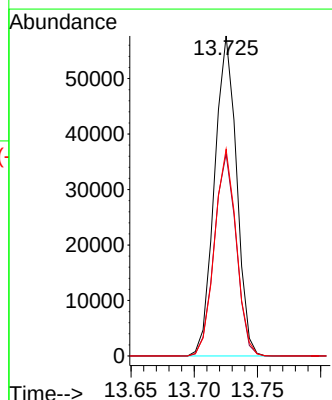
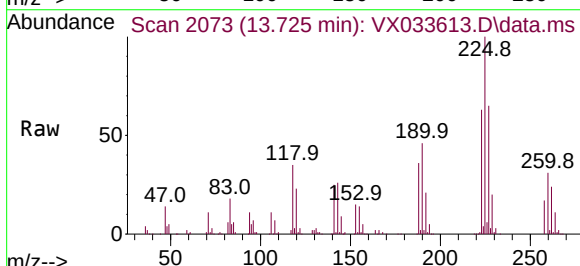
Tgt Ion:225 Resp: 69781

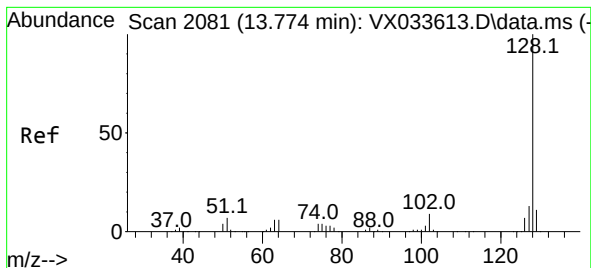
Ion Ratio Lower Upper

225 100

223 62.9 31.4 94.3

227 63.7 31.9 95.5





#95

Naphthalene

Concen: 55.034 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX033613.D

Acq: 04 Jan 2023 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

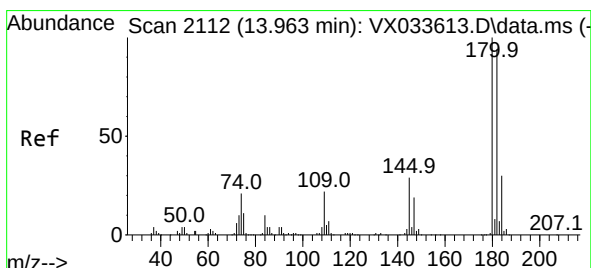
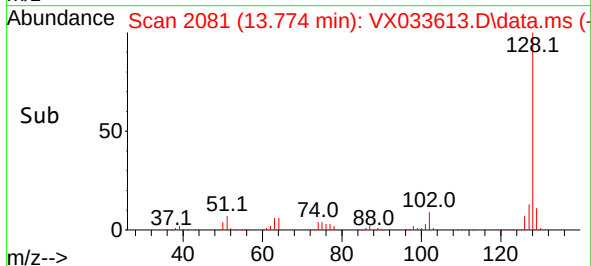
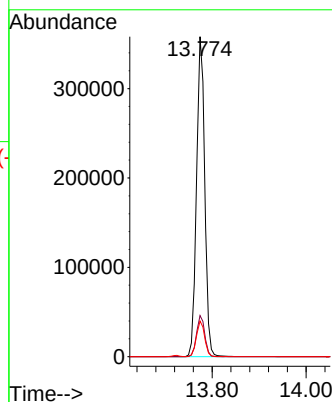
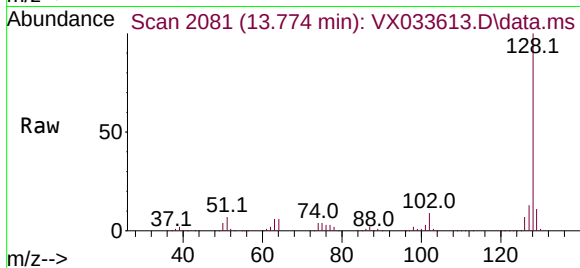
Tgt Ion:128 Resp: 436251

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.2 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 56.361 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX033613.D

Acq: 04 Jan 2023 12:14

Tgt Ion:180 Resp: 146091

Ion Ratio Lower Upper

180 100

182 94.4 47.2 141.6

145 30.0 15.0 45.0

