

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060123\
 Data File : VY013960.D
 Acq On : 01 Jun 2023 12:51
 Operator : KP/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 02 06:48:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 06:43:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	256839	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	416959	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	388827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	188418	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	343097	100.912	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 201.820%#	
35) Dibromofluoromethane	7.710	113	268858	101.463	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 202.920%#	
50) Toluene-d8	10.173	98	999146	98.852	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 197.700%#	
62) 4-Bromofluorobenzene	12.477	95	349744	101.497	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 203.000%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	182318	80.676	ug/l	98
3) Chloromethane	2.107	50	293764	93.856	ug/l	99
4) Vinyl Chloride	2.247	62	262123	90.401	ug/l	98
5) Bromomethane	2.650	94	242400	96.007	ug/l	98
6) Chloroethane	2.790	64	201757	97.227	ug/l	98
7) Trichlorofluoromethane	3.119	101	384226	83.824	ug/l	100
8) Diethyl Ether	3.522	74	186257	103.648	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.887	101	194537	82.617	ug/l	99
10) Methyl Iodide	4.082	142	355745	109.620	ug/l	100
11) Tert butyl alcohol	4.979	59	238642	341.524	ug/l #	85
12) 1,1-Dichloroethene	3.863	96	226543	91.760	ug/l	97
13) Acrolein	3.729	56	152078	475.259	ug/l	100
14) Allyl chloride	4.473	41	495162	103.346	ug/l	99
15) Acrylonitrile	5.161	53	546434	547.972	ug/l	100
16) Acetone	3.948	43	666022	572.562	ug/l	99
17) Carbon Disulfide	4.186	76	779644	93.388	ug/l	99
18) Methyl Acetate	4.473	43	471644	112.226	ug/l	100
19) Methyl tert-butyl Ether	5.210	73	876044	109.674	ug/l	99
20) Methylene Chloride	4.704	84	315520	104.646	ug/l	99
21) trans-1,2-Dichloroethene	5.210	96	274220	98.059	ug/l	96
22) Diisopropyl ether	6.112	45	990228	106.620	ug/l	98
23) Vinyl Acetate	6.052	43	3254647	558.714	ug/l	99
24) 1,1-Dichloroethane	6.009	63	514778	99.302	ug/l	99
25) 2-Butanone	6.984	43	815078	562.454	ug/l	96
26) 2,2-Dichloropropane	6.972	77	435402	92.548	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	325167	101.560	ug/l	99
28) Bromochloromethane	7.326	49	250579	102.352	ug/l	98
29) Tetrahydrofuran	7.344	42	511522	567.628	ug/l	100
30) Chloroform	7.502	83	547402	100.572	ug/l	98
31) Cyclohexane	7.777	56	328914	80.340	ug/l	97
32) 1,1,1-Trichloroethane	7.698	97	439049	95.098	ug/l	100
36) 1,1-Dichloropropene	7.911	75	353032	93.514	ug/l	99
37) Ethyl Acetate	7.070	43	361592	109.859	ug/l	99
38) Carbon Tetrachloride	7.899	117	378726	89.526	ug/l	99
39) Methylcyclohexane	9.179	83	352177	87.383	ug/l	98
40) Benzene	8.155	78	1150226	98.768	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	160420	105.453	ug/l	92
42) 1,2-Dichloroethane	8.234	62	431945	101.150	ug/l	99
43) Isopropyl Acetate	8.271	43	613658	110.726	ug/l	99
44) Trichloroethene	8.935	130	291712	95.653	ug/l	100
45) 1,2-Dichloropropane	9.210	63	305733	101.730	ug/l	98
46) Dibromomethane	9.301	93	198866	103.361	ug/l	99
47) Bromodichloromethane	9.490	83	441774	101.928	ug/l	97
48) Methyl methacrylate	9.289	41	288414	114.335	ug/l	98
49) 1,4-Dioxane	9.313	88	64903	2319.633	ug/l #	48
51) 4-Methyl-2-Pentanone	10.069	43	1757396	561.409	ug/l	100
52) Toluene	10.240	92	709328	99.426	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	494686	106.254	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	516431	103.894	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	263051	103.706	ug/l	98
56) Ethyl methacrylate	10.508	69	414204	113.733	ug/l	99
57) 1,3-Dichloropropane	10.788	76	451790	104.240	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	993061	526.078	ug/l	99
59) 2-Hexanone	10.831	43	1305042	575.749	ug/l	99
60) Dibromochloromethane	10.984	129	330252	103.014	ug/l	100
61) 1,2-Dibromoethane	11.087	107	264736	103.878	ug/l	100
64) Tetrachloroethene	10.715	164	246090	92.384	ug/l	98
65) Chlorobenzene	11.514	112	775138	97.172	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	306632	98.740	ug/l	99
67) Ethyl Benzene	11.587	91	1364765	98.842	ug/l	99
68) m/p-Xylenes	11.697	106	1039623	197.112	ug/l	99
69) o-Xylene	12.026	106	511109	101.132	ug/l	99
70) Styrene	12.044	104	893794	102.964	ug/l	100
71) Bromoform	12.203	173	235835	103.010	ug/l	99
73) Isopropylbenzene	12.325	105	1243143	99.962	ug/l	100
74) N-amyl acetate	12.142	43	536307	112.401	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	341790	105.156	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	463816	182.568	ug/l #	100
77) Bromobenzene	12.605	156	341990	101.725	ug/l	97
78) n-propylbenzene	12.666	91	1520103	99.733	ug/l	99
79) 2-Chlorotoluene	12.752	91	906861	100.503	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	1067432	100.145	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	131796	110.275	ug/l	100
82) 4-Chlorotoluene	12.849	91	954132	100.543	ug/l	100
83) tert-Butylbenzene	13.075	119	889203	99.622	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	1079481	101.396	ug/l	100
85) sec-Butylbenzene	13.251	105	1237550	95.347	ug/l	100
86) p-Isopropyltoluene	13.367	119	1063926	97.108	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	629705	98.629	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	629332	97.444	ug/l	100
89) n-Butylbenzene	13.697	91	1000138	96.747	ug/l	100
90) Hexachloroethane	13.959	117	217515	94.595	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	585234	99.500	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	67180	107.162	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	367749	101.709	ug/l	99
94) Hexachlorobutadiene	15.111	225	169067	87.786	ug/l	97
95) Naphthalene	15.233	128	891472	97.375	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	336681	102.236	ug/l	99

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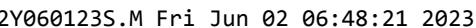
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

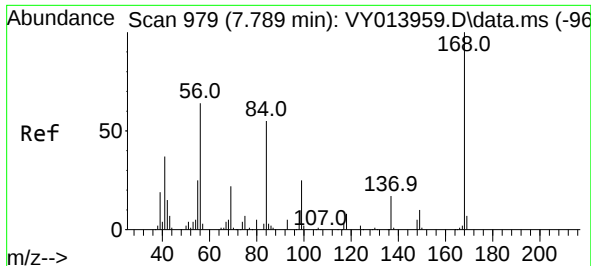
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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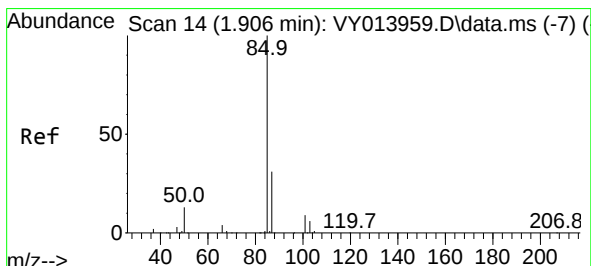
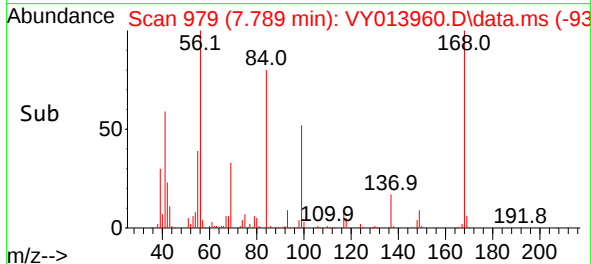
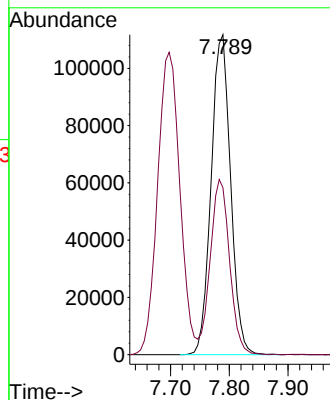
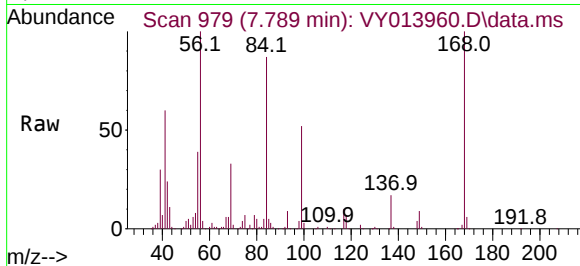




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013960.D
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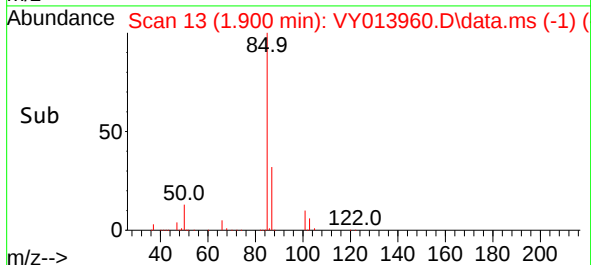
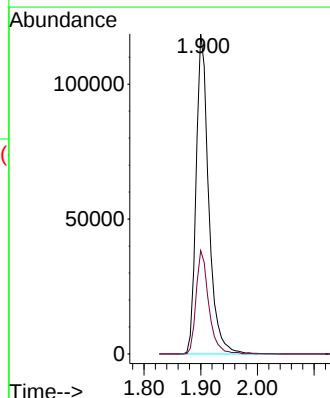
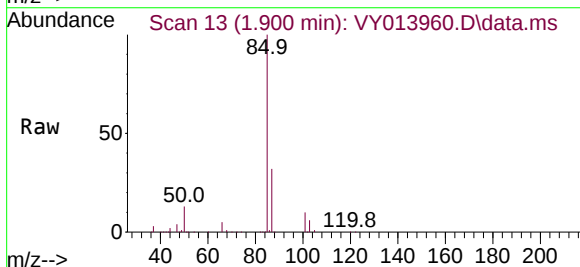
Instrument :
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ClientSampleId :
VSTDIC100

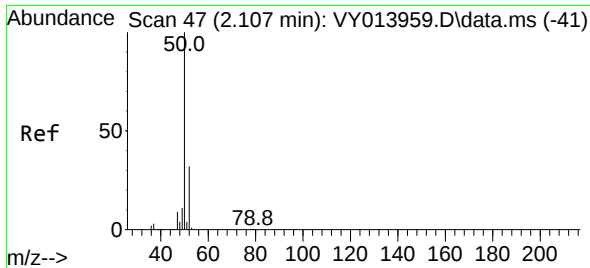
Tgt Ion:168 Resp: 256839
Ion Ratio Lower Upper
168 100
99 52.2 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 80.676 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY013960.D
Acq: 01 Jun 2023 12:51

Tgt Ion: 85 Resp: 182318
Ion Ratio Lower Upper
85 100
87 32.3 15.6 46.8

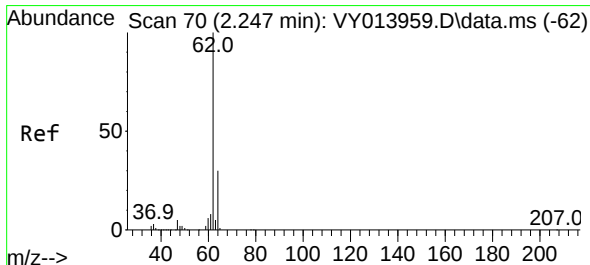
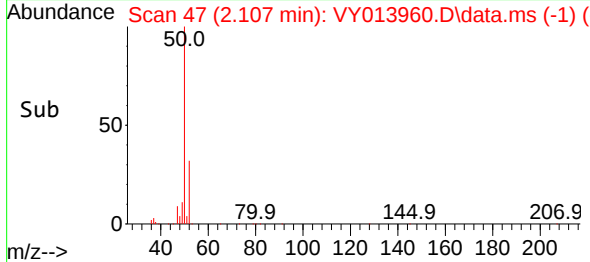
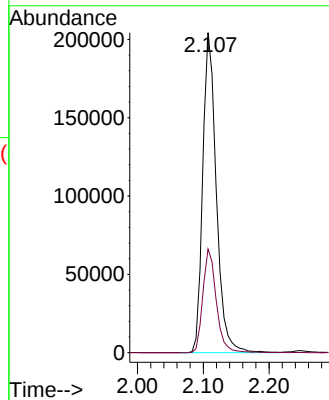
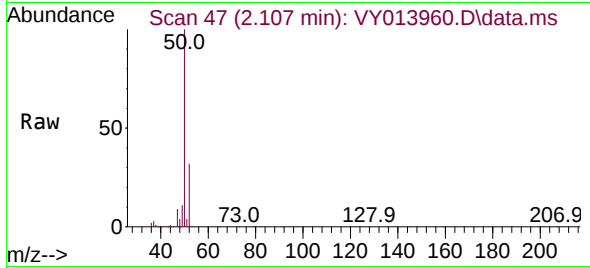




#3
Chloromethane
Concen: 93.856 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY013960.D
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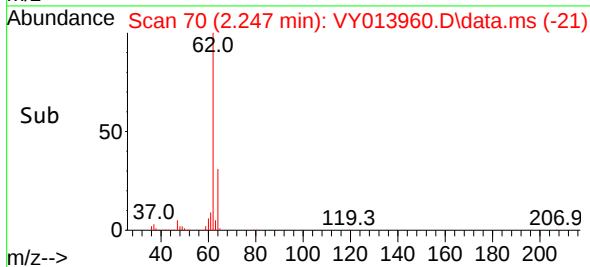
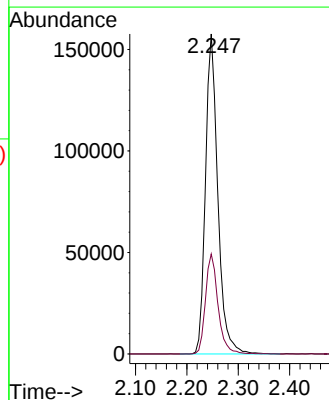
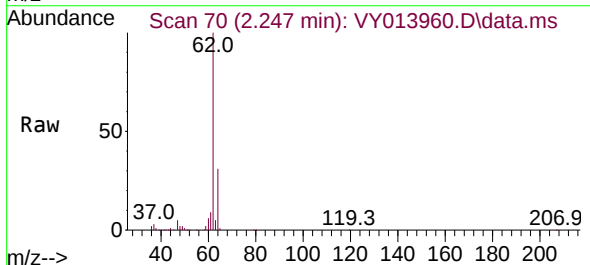
Instrument :
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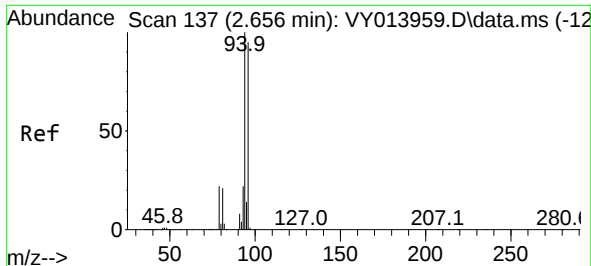
Tgt Ion: 50 Resp: 293764
Ion Ratio Lower Upper
50 100
52 32.4 25.4 38.2



#4
Vinyl Chloride
Concen: 90.401 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.000 min
Lab File: VY013960.D
Acq: 01 Jun 2023 12:51

Tgt Ion: 62 Resp: 262123
Ion Ratio Lower Upper
62 100
64 31.3 24.3 36.5

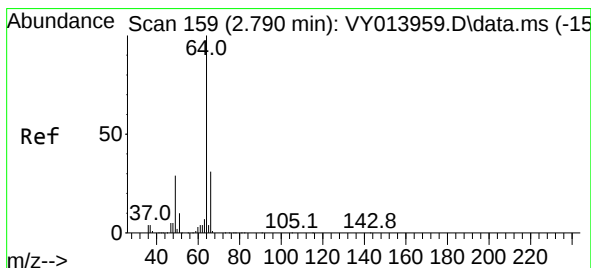
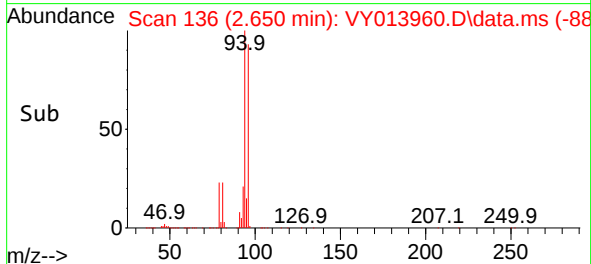
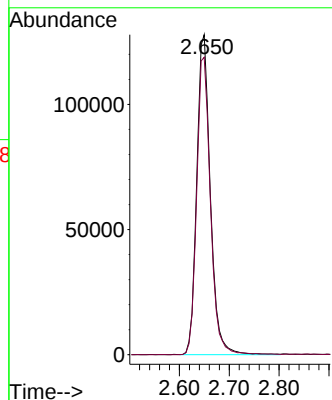
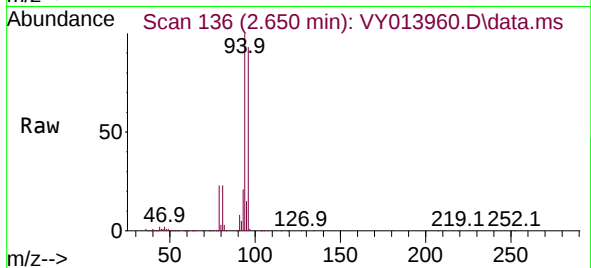




#5
Bromomethane
Concen: 96.007 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013960.D
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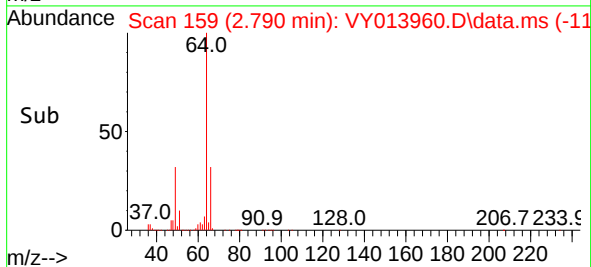
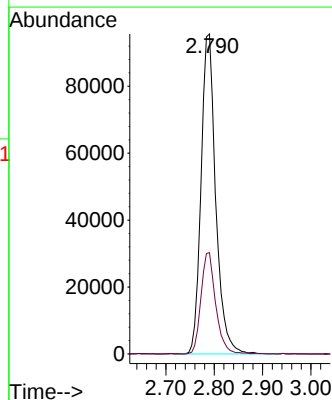
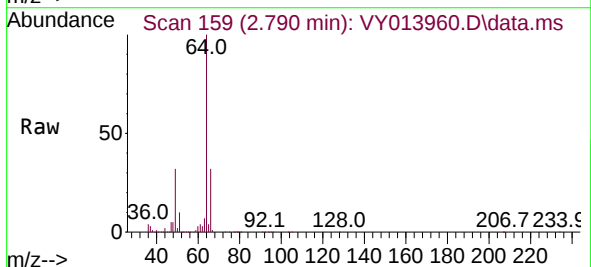
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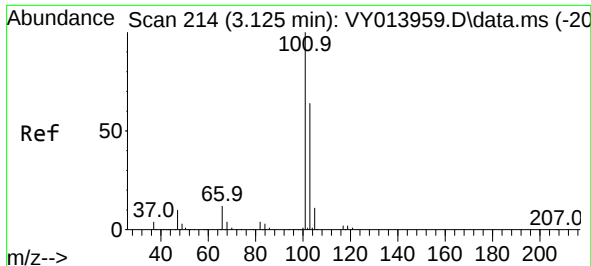
Tgt Ion: 94 Resp: 242400
Ion Ratio Lower Upper
94 100
96 92.9 75.8 113.6



#6
Chloroethane
Concen: 97.227 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY013960.D
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Tgt Ion: 64 Resp: 201757
Ion Ratio Lower Upper
64 100
66 31.6 24.4 36.6

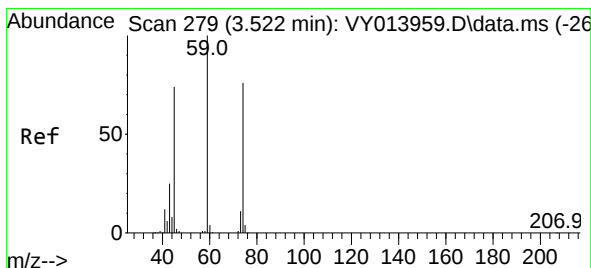
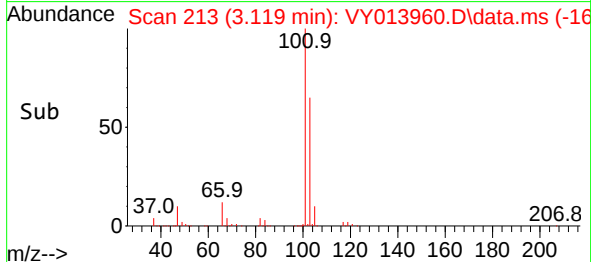
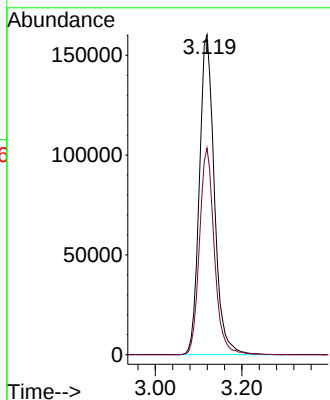
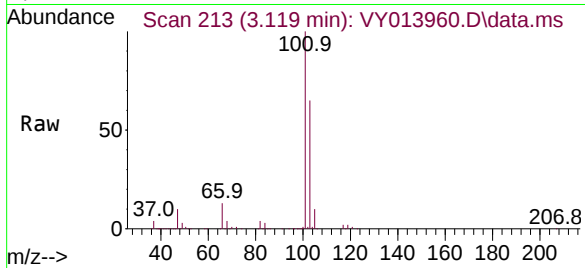




#7
Trichlorofluoromethane
Concen: 83.824 ug/l
RT: 3.119 min Scan# 214
Delta R.T. -0.006 min
Lab File: VY013960.D
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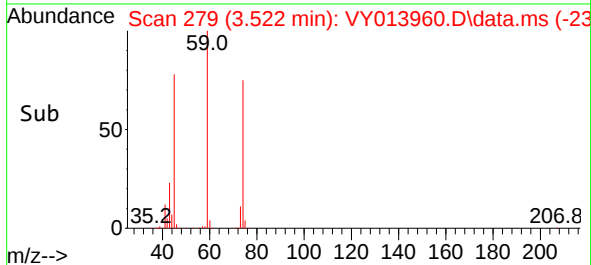
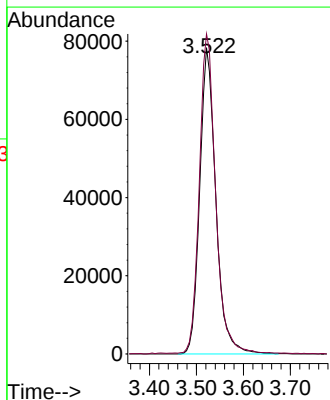
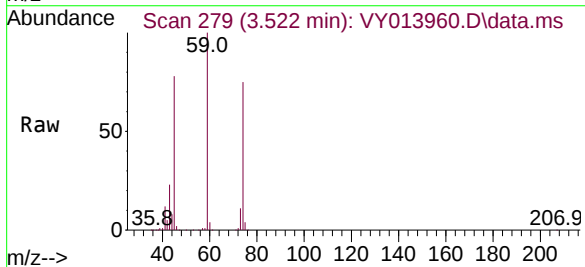
Instrument :
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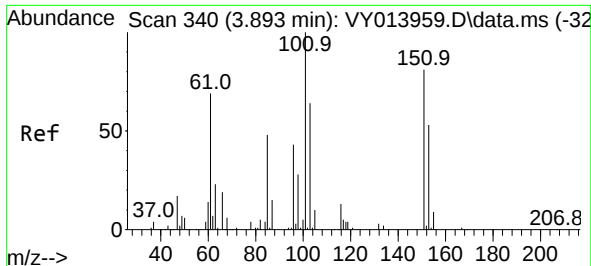
Tgt Ion:101 Resp: 384226
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.0



#8
Diethyl Ether
Concen: 103.648 ug/l
RT: 3.522 min Scan# 279
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 186257
Ion Ratio Lower Upper
74 100
45 106.2 51.5 154.5

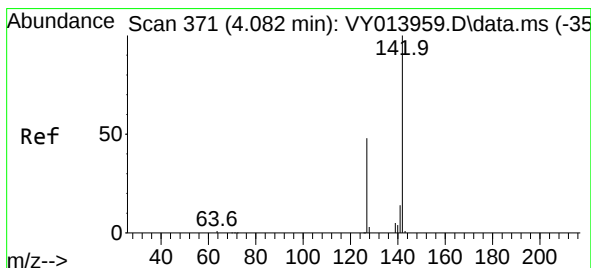
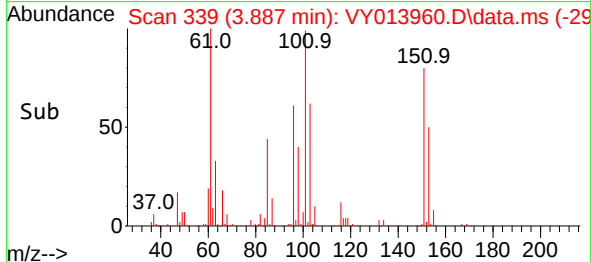
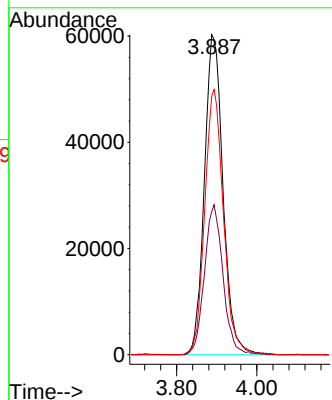
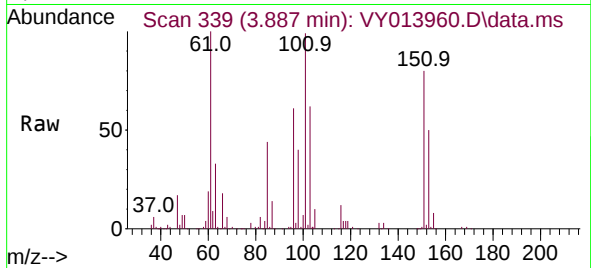




#9
1,1,2-Trichlorotrifluoroethane
Concen: 82.617 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY013960.D
Acq: 01 Jun 2023 12:51

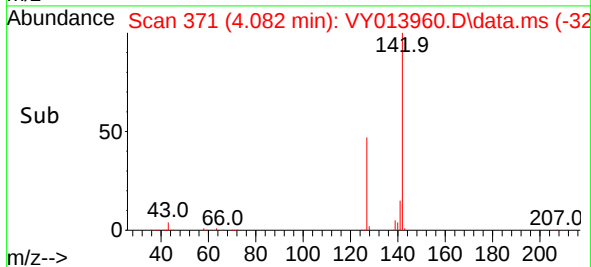
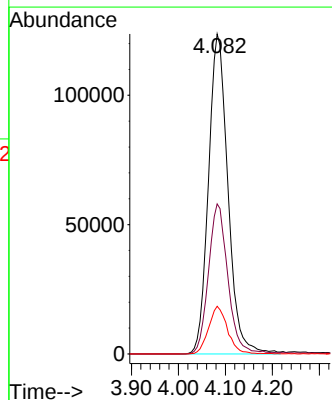
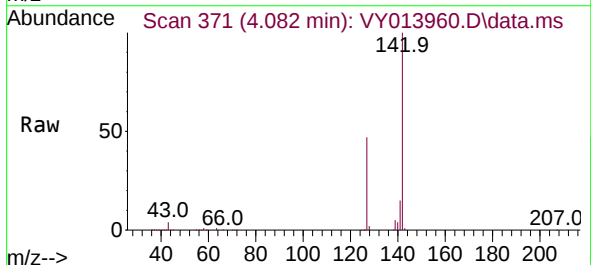
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

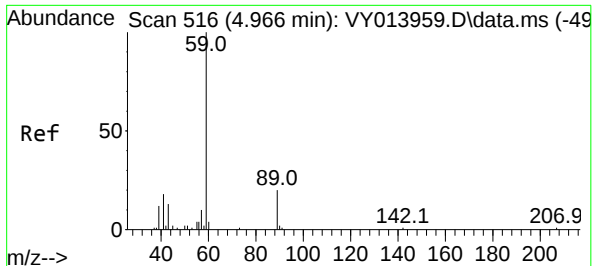
Tgt Ion:101 Resp: 194537
Ion Ratio Lower Upper
101 100
85 46.7 36.6 55.0
151 83.0 67.0 100.6



#10
Methyl Iodide
Concen: 109.620 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY013960.D
Acq: 01 Jun 2023 12:51

Tgt Ion:142 Resp: 355745
Ion Ratio Lower Upper
142 100
127 47.1 37.6 56.4
141 14.6 11.8 17.8

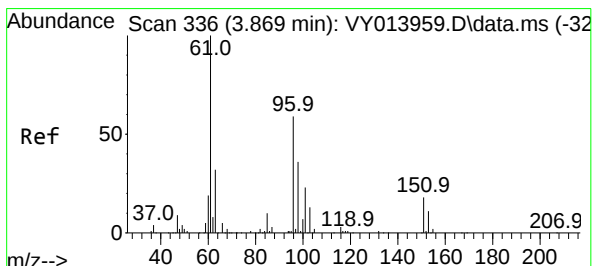
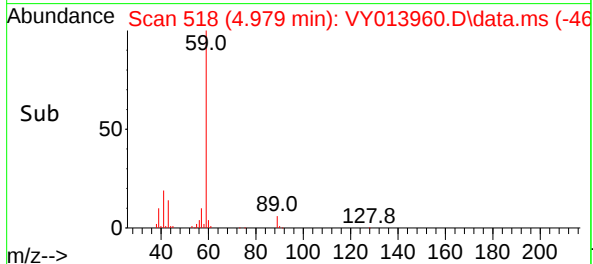
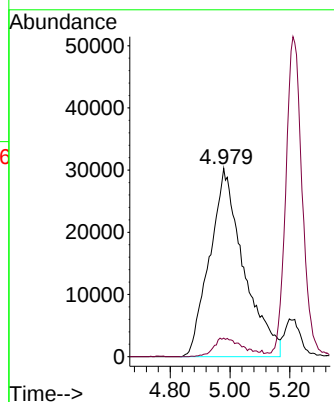
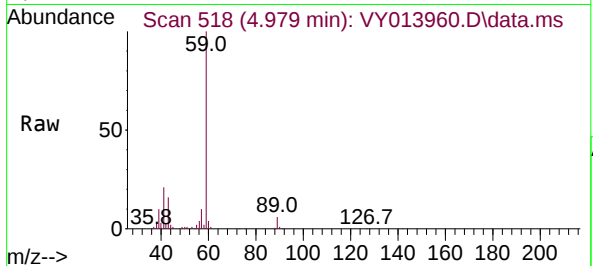




#11
Tert butyl alcohol
Concen: 341.524 ug/l
RT: 4.979 min Scan# 516
Delta R.T. 0.013 min
Lab File: VY013960.D
Acq: 01 Jun 2023 12:51

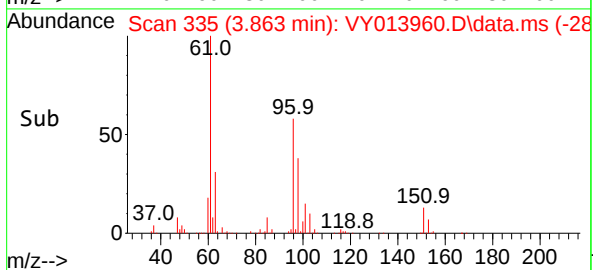
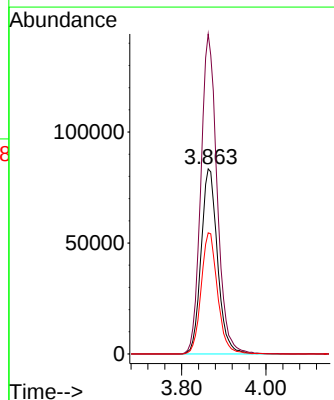
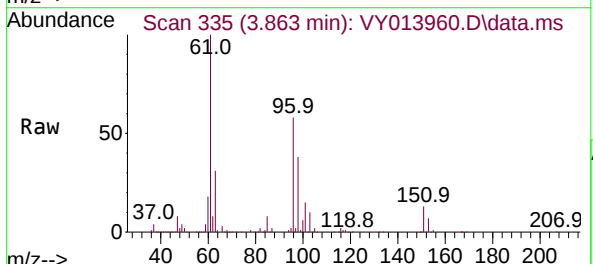
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

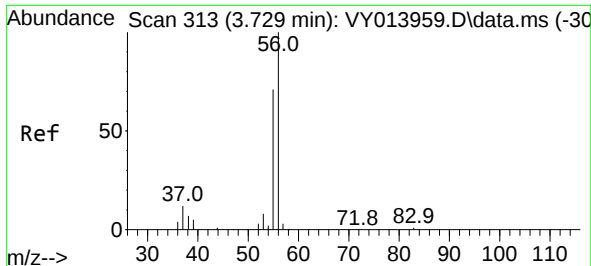
Tgt Ion: 59 Resp: 238642
Ion Ratio Lower Upper
59 100
57 8.7 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 91.760 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.006 min
Lab File: VY013960.D
Acq: 01 Jun 2023 12:51

Tgt Ion: 96 Resp: 226543
Ion Ratio Lower Upper
96 100
61 172.9 136.4 204.6
98 65.4 49.4 74.2

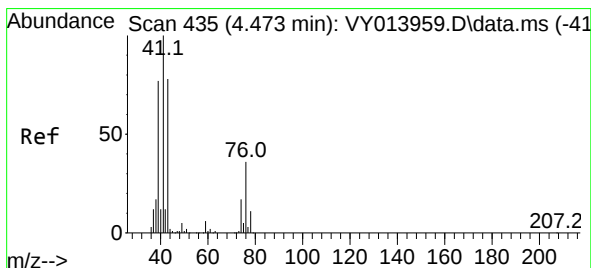
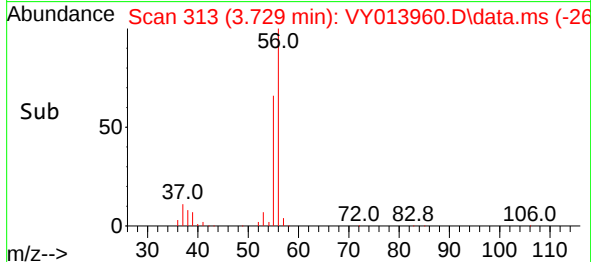
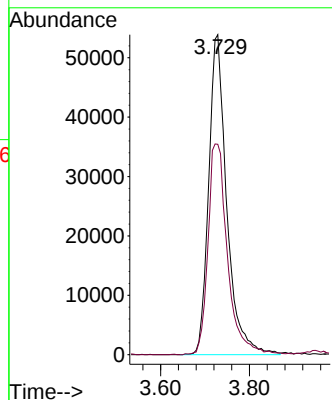
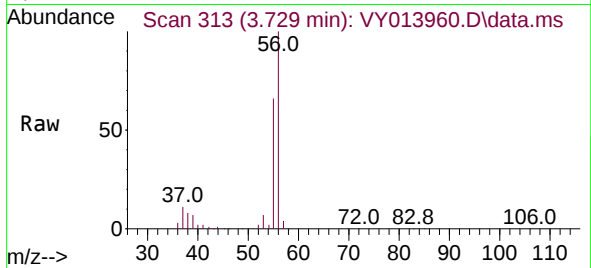




#13
Acrolein
Concen: 475.259 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY013960.D
Acq: 01 Jun 2023 12:51

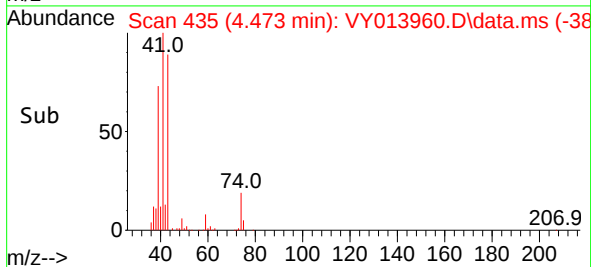
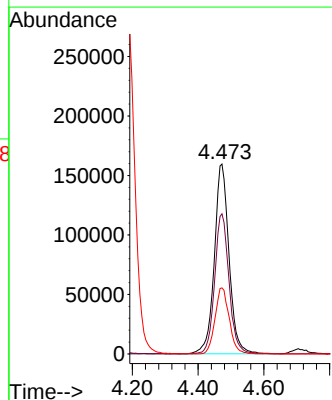
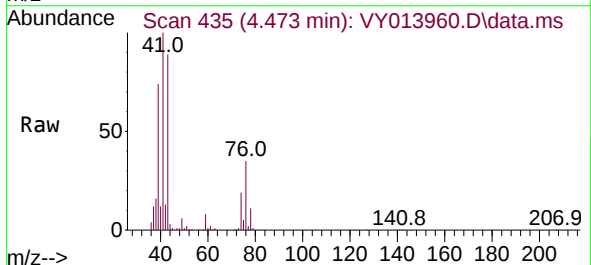
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

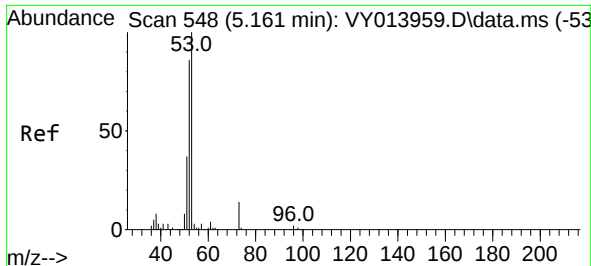
Tgt Ion: 56 Resp: 152078
Ion Ratio Lower Upper
56 100
55 71.2 57.0 85.4



#14
Allyl chloride
Concen: 103.346 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY013960.D
Acq: 01 Jun 2023 12:51

Tgt Ion: 41 Resp: 495162
Ion Ratio Lower Upper
41 100
39 72.0 58.0 87.0
76 33.7 27.4 41.2

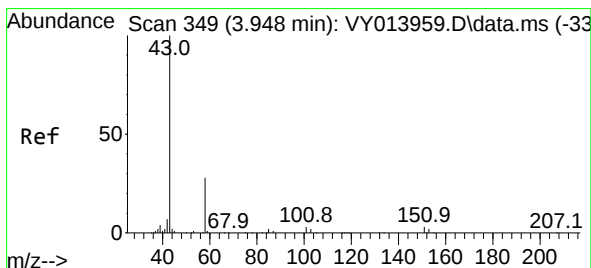
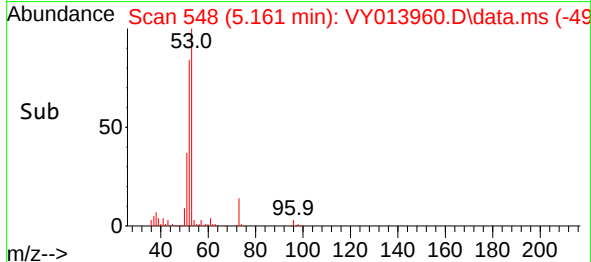
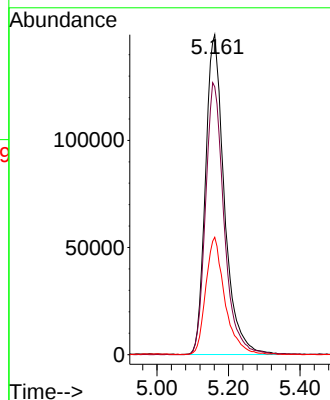
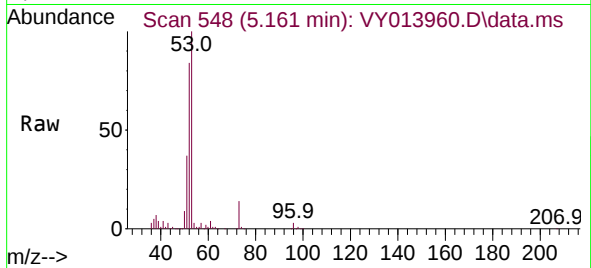




#15
Acrylonitrile
Concen: 547.972 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY013960.D
Acq: 01 Jun 2023 12:51

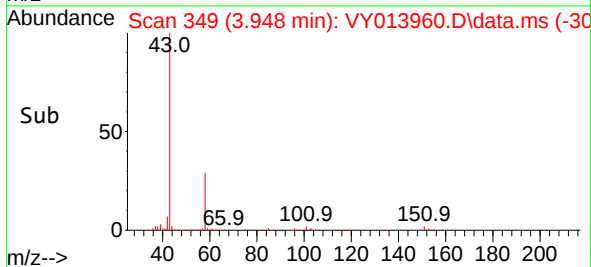
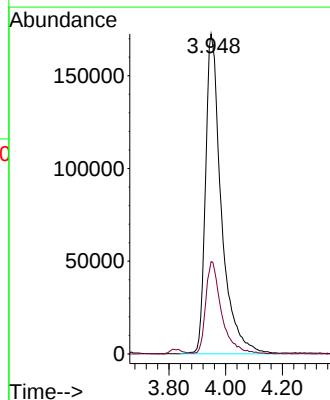
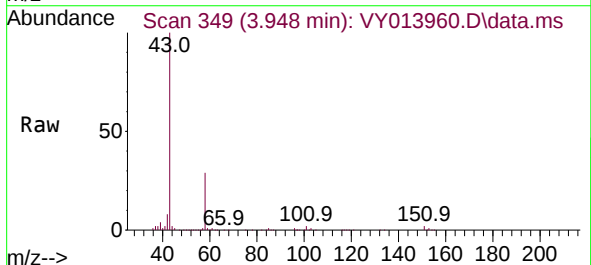
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

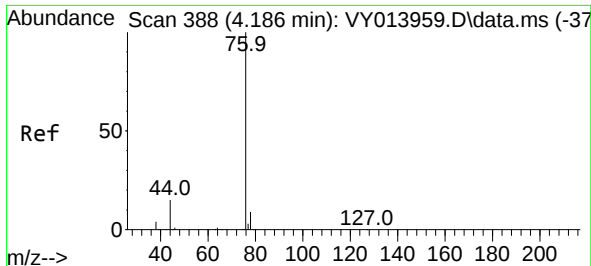
Tgt Ion: 53 Resp: 546434
Ion Ratio Lower Upper
53 100
52 83.8 66.9 100.3
51 37.0 29.8 44.6



#16
Acetone
Concen: 572.562 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY013960.D
Acq: 01 Jun 2023 12:51

Tgt Ion: 43 Resp: 666022
Ion Ratio Lower Upper
43 100
58 28.7 22.7 34.1

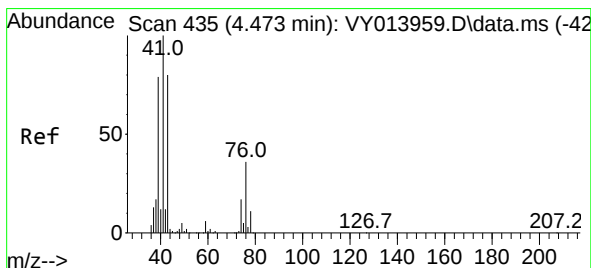
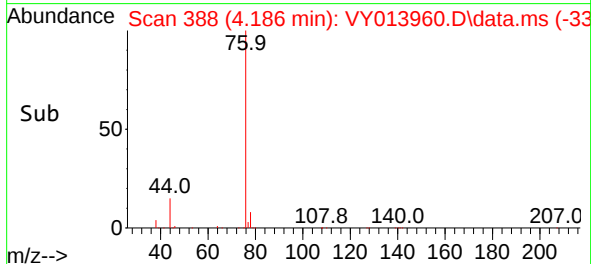
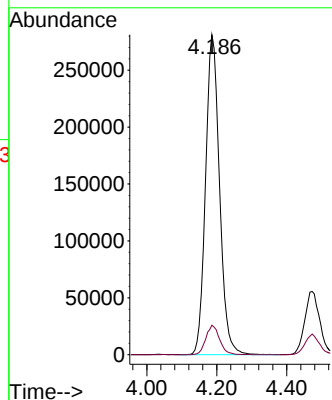
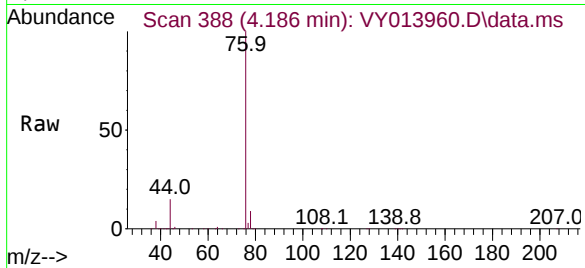




#17
Carbon Disulfide
Concen: 93.388 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY013960.D
Acq: 01 Jun 2023 12:51

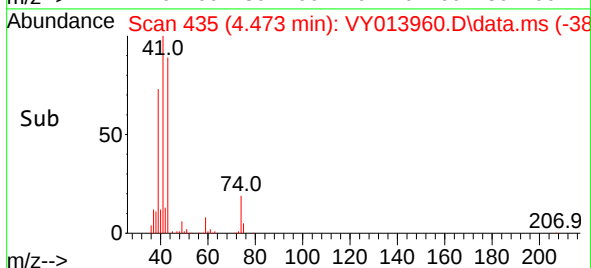
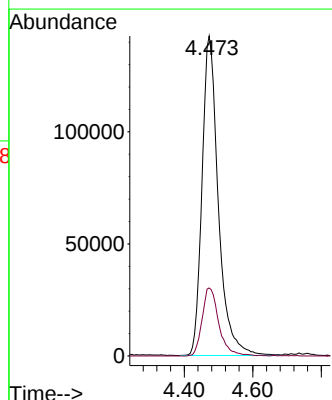
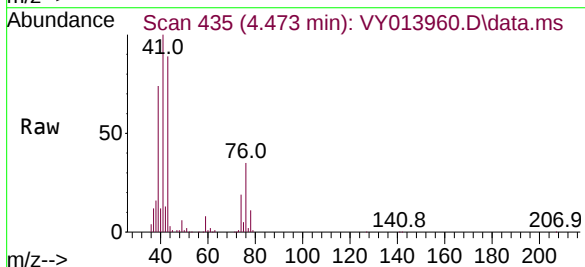
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

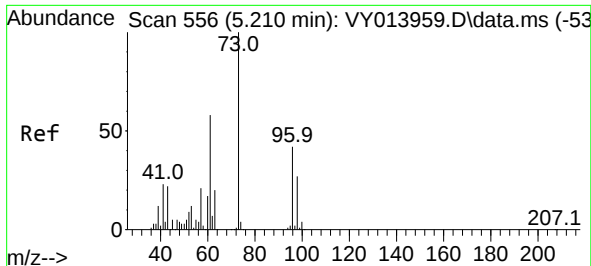
Tgt Ion: 76 Resp: 779644
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4



#18
Methyl Acetate
Concen: 112.226 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY013960.D
Acq: 01 Jun 2023 12:51

Tgt Ion: 43 Resp: 471644
Ion Ratio Lower Upper
43 100
74 21.8 17.4 26.0

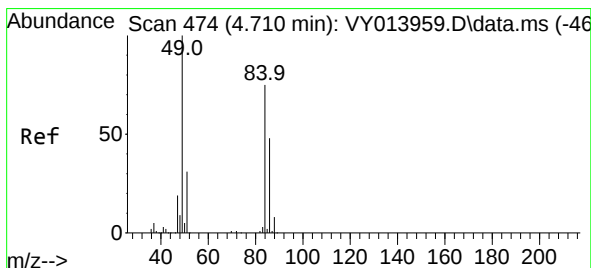
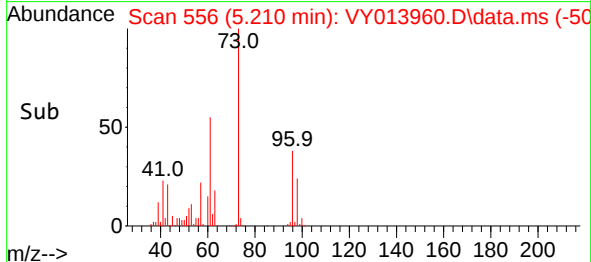
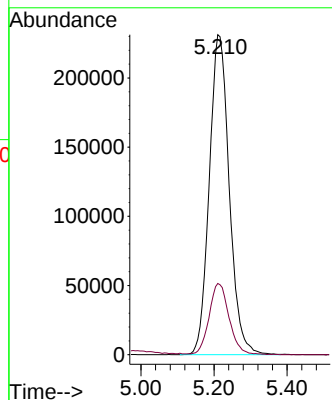
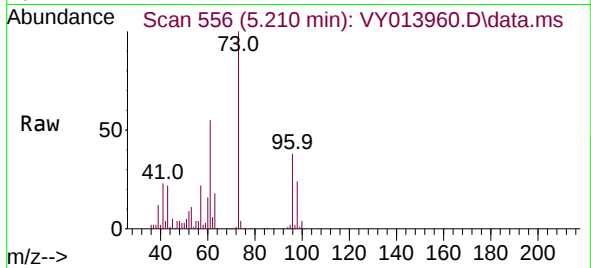




#19
Methyl tert-butyl Ether
Concen: 109.674 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY013960.D
Acq: 01 Jun 2023 12:51

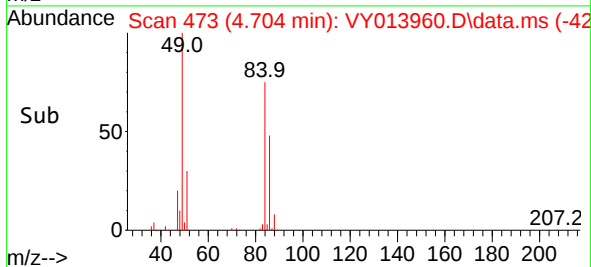
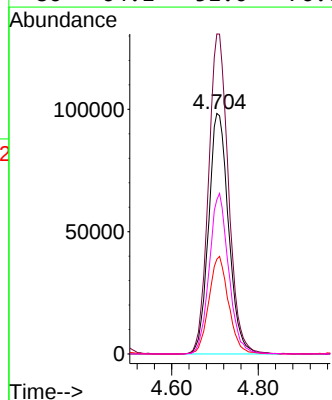
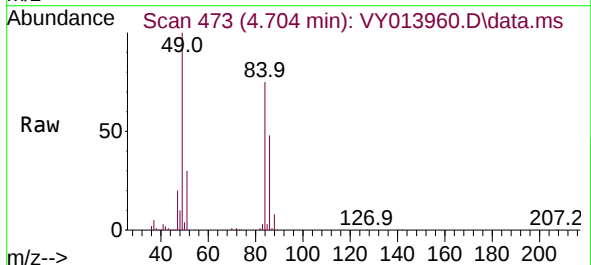
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

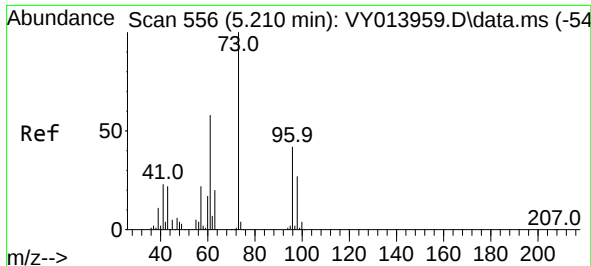
Tgt Ion: 73 Resp: 876044
Ion Ratio Lower Upper
73 100
57 22.2 17.3 25.9



#20
Methylene Chloride
Concen: 104.646 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY013960.D
Acq: 01 Jun 2023 12:51

Tgt Ion: 84 Resp: 315520
Ion Ratio Lower Upper
84 100
49 133.0 106.9 160.3
51 39.4 33.2 49.8
86 64.1 51.0 76.6

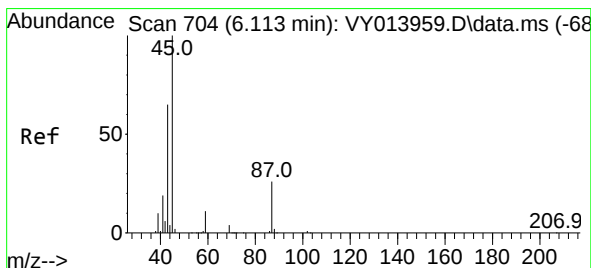
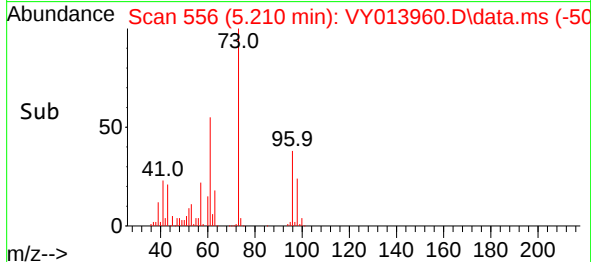
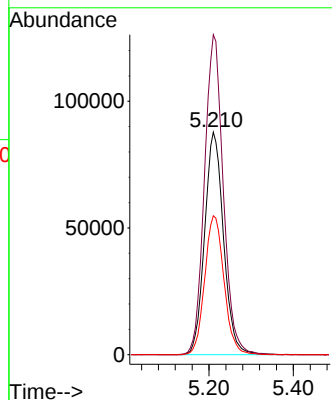
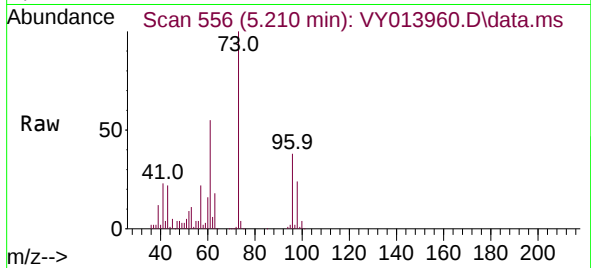




#21
trans-1,2-Dichloroethene
Concen: 98.059 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY013960.D
Acq: 01 Jun 2023 12:51

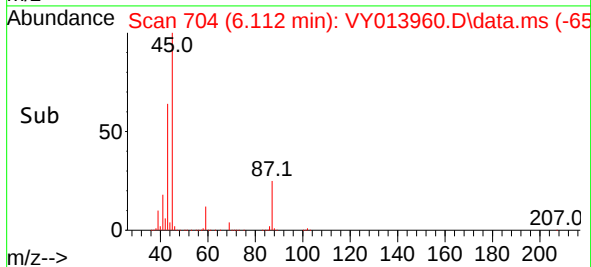
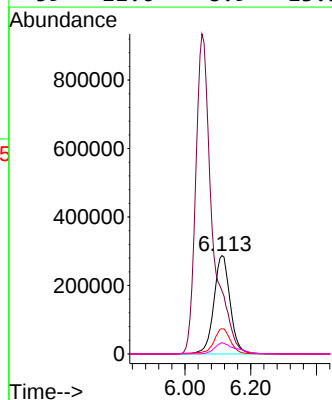
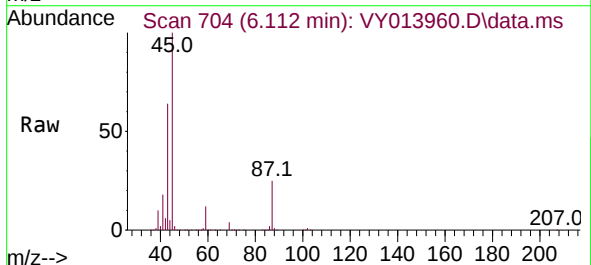
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 96 Resp: 274220
Ion Ratio Lower Upper
96 100
61 143.7 110.2 165.4
98 62.4 51.8 77.6



#22
Diisopropyl ether
Concen: 106.620 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.000 min
Lab File: VY013960.D
Acq: 01 Jun 2023 12:51

Tgt Ion: 45 Resp: 990228
Ion Ratio Lower Upper
45 100
43 64.0 52.2 78.4
87 25.5 21.0 31.6
59 11.6 8.9 13.3

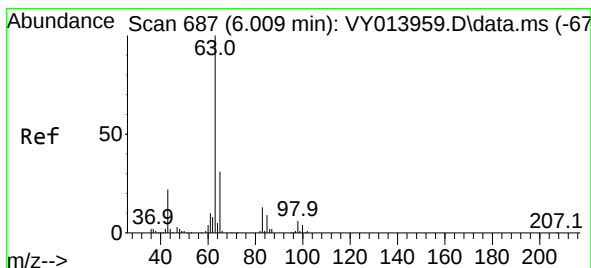
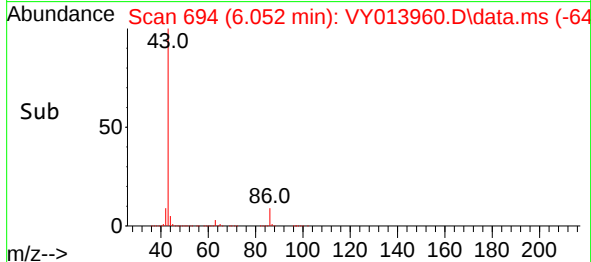
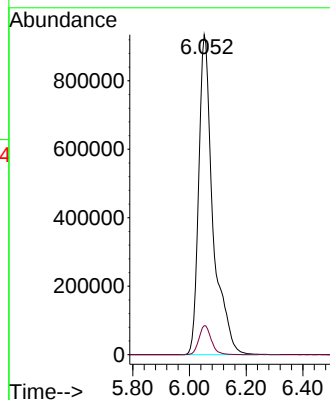
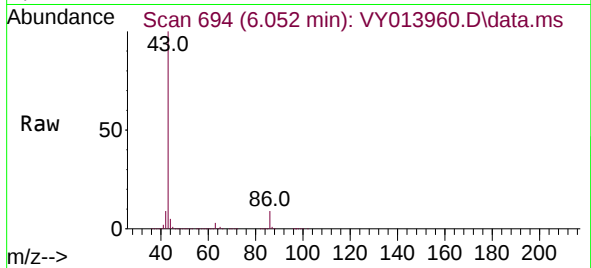




#23
 Vinyl Acetate
 Concen: 558.714 ug/l
 RT: 6.052 min Scan# 694
 Delta R.T. -0.000 min
 Lab File: VY013960.D
 Acq: 01 Jun 2023 12:51

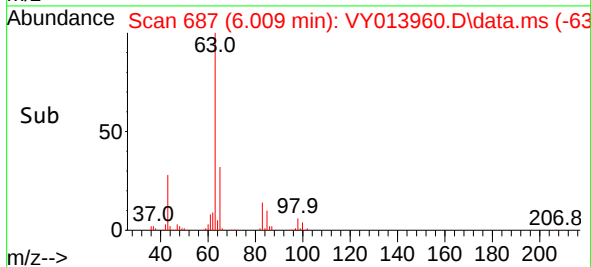
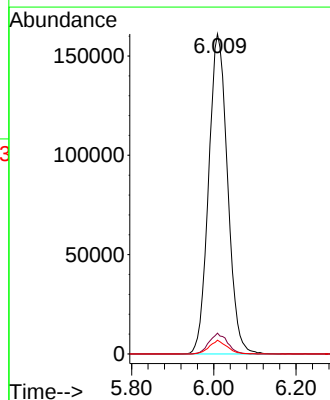
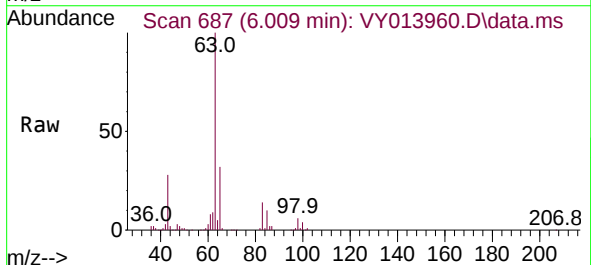
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

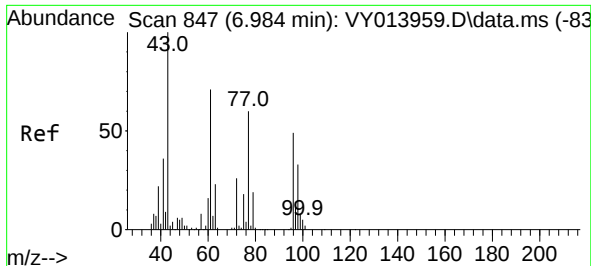
Tgt Ion: 43 Resp: 3254647
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 99.302 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY013960.D
 Acq: 01 Jun 2023 12:51

Tgt Ion: 63 Resp: 514778
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.1 9.4
 100 4.3 1.8 5.5





#25

2-Butanone

Concen: 562.454 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY013960.D

Acq: 01 Jun 2023 12:51

Instrument :

MSVOA_Y

ClientSampleId :

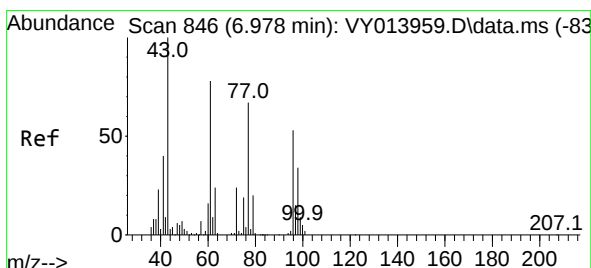
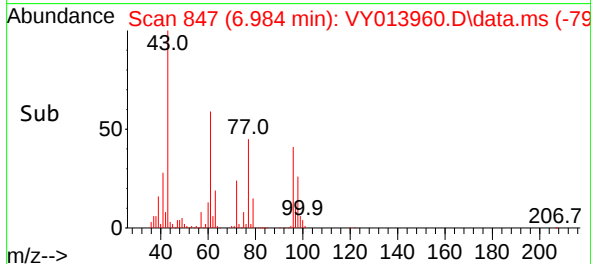
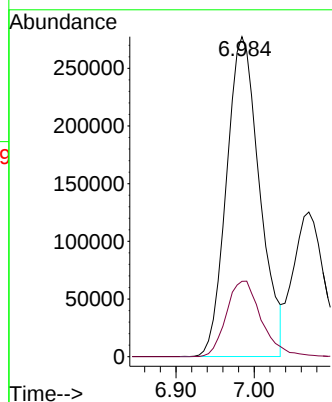
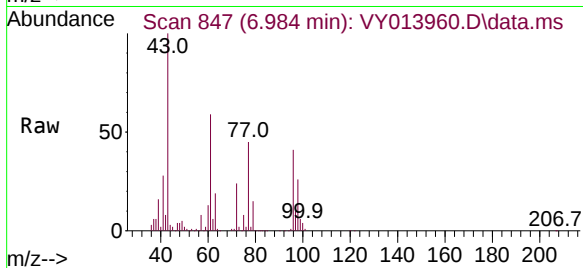
VSTDICC100

Tgt Ion: 43 Resp: 815078

Ion Ratio Lower Upper

43 100

72 23.5 20.5 30.7



#26

2,2-Dichloropropane

Concen: 92.548 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY013960.D

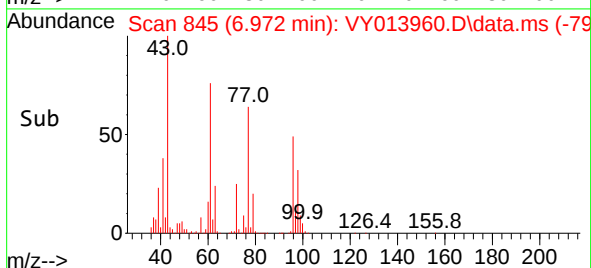
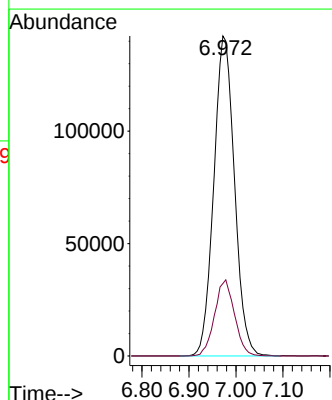
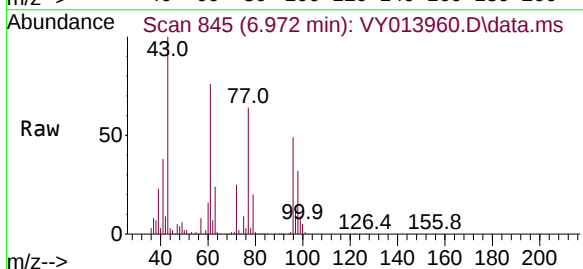
Acq: 01 Jun 2023 12:51

Tgt Ion: 77 Resp: 435402

Ion Ratio Lower Upper

77 100

97 22.9 10.9 32.9



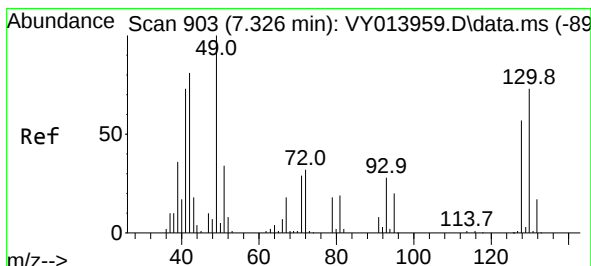
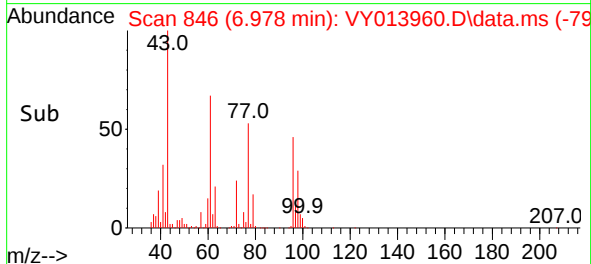
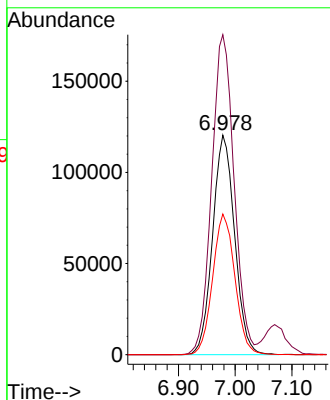
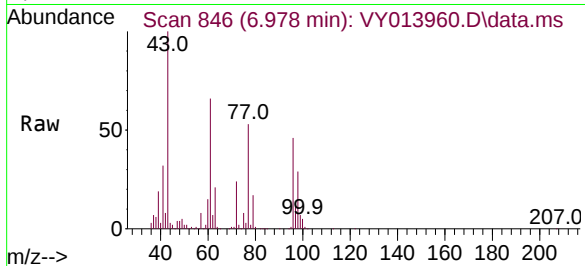


#27
 cis-1,2-Dichloroethene
 Concen: 101.560 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. -0.000 min
 Lab File: VY013960.D
 Acq: 01 Jun 2023 12:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tgt Ion: 96 Resp: 325167

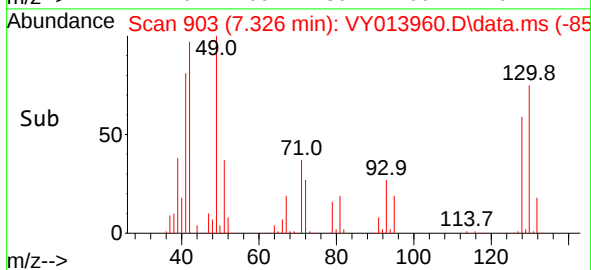
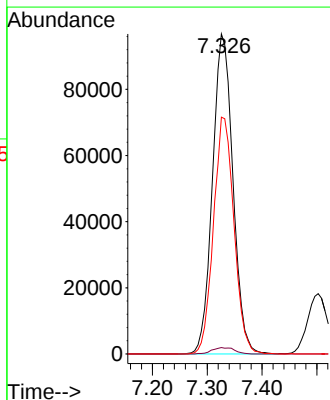
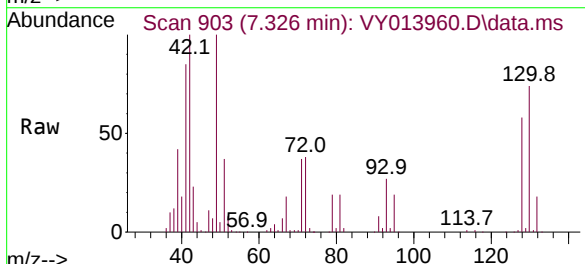
Ion	Ratio	Lower	Upper
96	100		
61	148.3	0.0	301.4
98	64.7	0.0	130.4

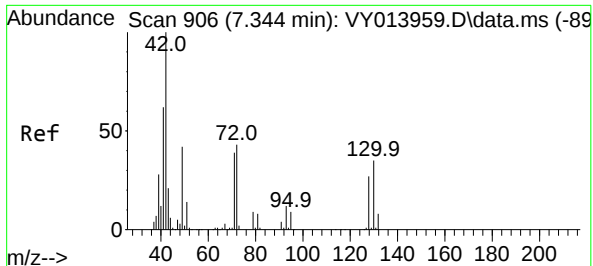


#28
 Bromochloromethane
 Concen: 102.352 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.000 min
 Lab File: VY013960.D
 Acq: 01 Jun 2023 12:51

Tgt Ion: 49 Resp: 250579

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.6
130	74.2	60.7	91.1





#29

Tetrahydrofuran

Concen: 567.628 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY013960.D

Acq: 01 Jun 2023 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

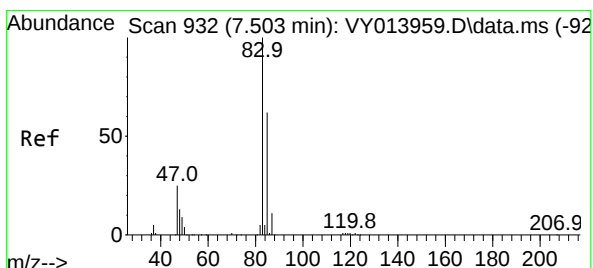
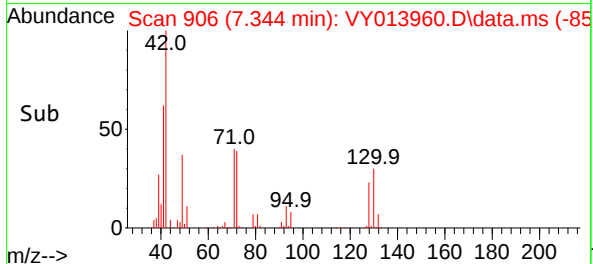
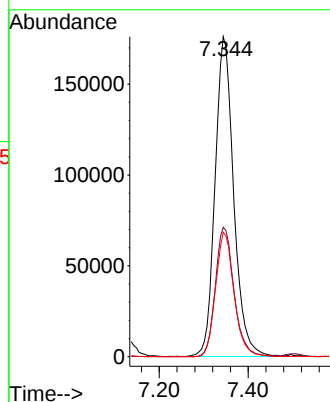
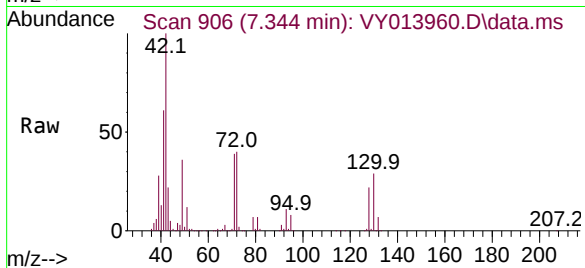
Tgt Ion: 42 Resp: 511522

Ion Ratio Lower Upper

42 100

72 40.6 32.8 49.2

71 38.6 31.0 46.4



#30

Chloroform

Concen: 100.572 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.000 min

Lab File: VY013960.D

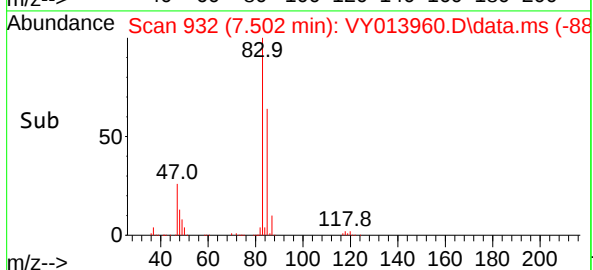
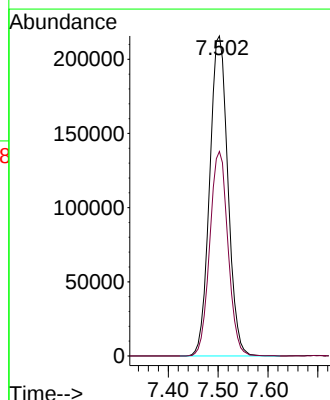
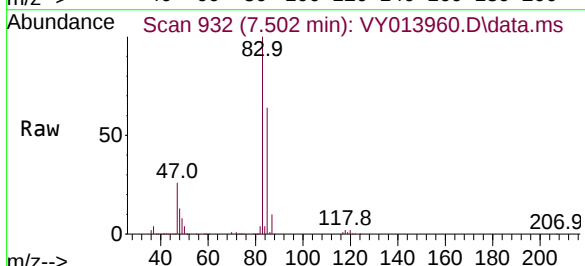
Acq: 01 Jun 2023 12:51

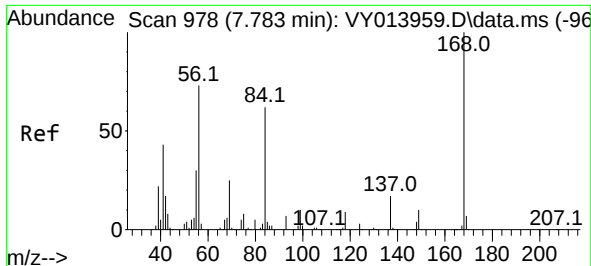
Tgt Ion: 83 Resp: 547402

Ion Ratio Lower Upper

83 100

85 63.9 49.7 74.5

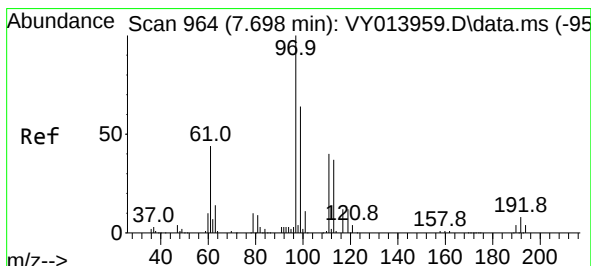
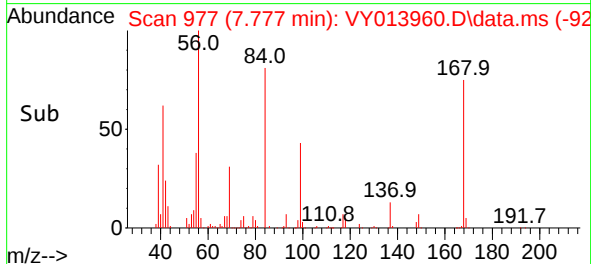
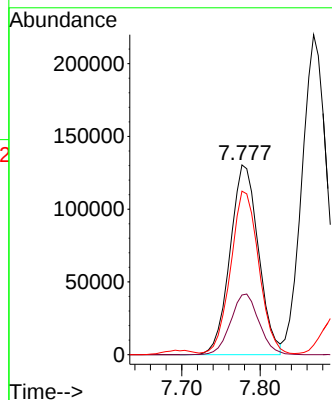
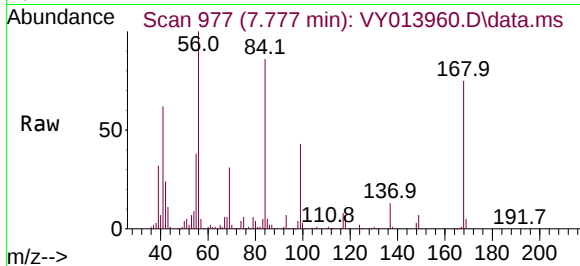




#31
Cyclohexane
Concen: 80.340 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013960.D
Acq: 01 Jun 2023 12:51

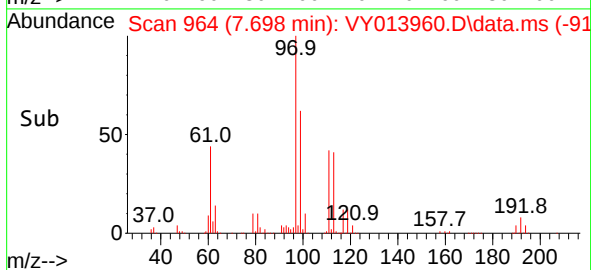
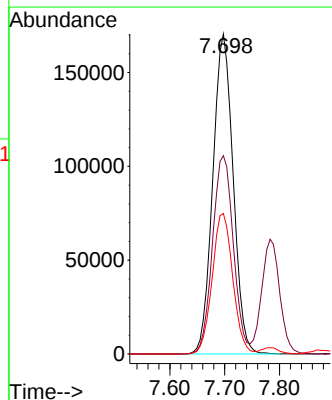
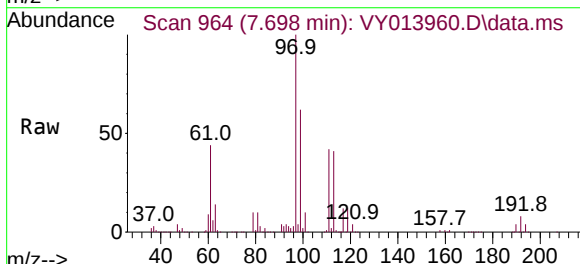
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

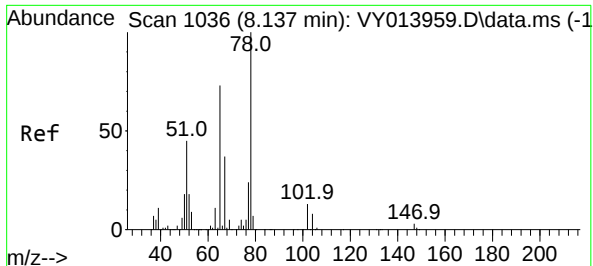
Tgt Ion: 56 Resp: 328914
Ion Ratio Lower Upper
56 100
69 31.4 27.8 41.6
84 84.1 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 95.098 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY013960.D
Acq: 01 Jun 2023 12:51

Tgt Ion: 97 Resp: 439049
Ion Ratio Lower Upper
97 100
99 63.7 50.8 76.2
61 44.4 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 100.912 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY013960.D

Acq: 01 Jun 2023 12:51

Instrument :

MSVOA_Y

ClientSampleId :

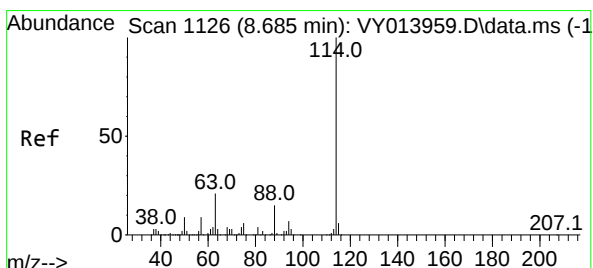
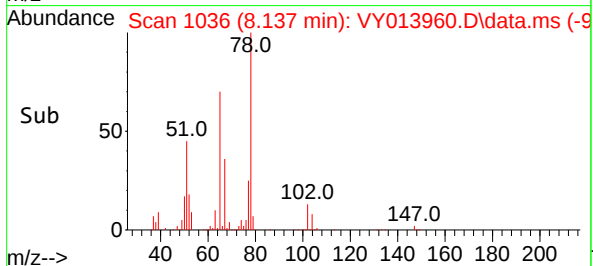
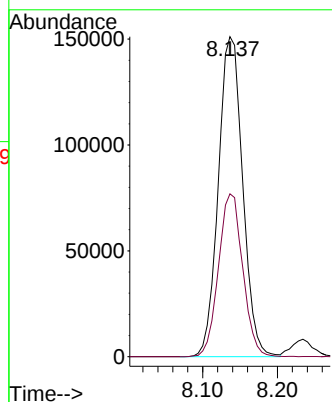
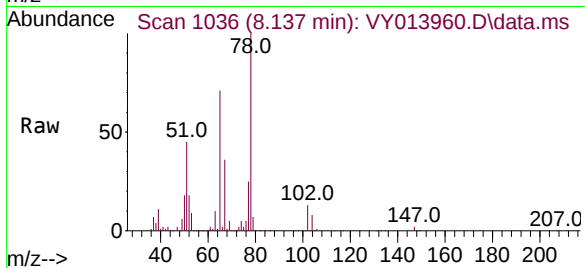
VSTDIC100

Tgt Ion: 65 Resp: 343097

Ion Ratio Lower Upper

65 100

67 50.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY013960.D

Acq: 01 Jun 2023 12:51

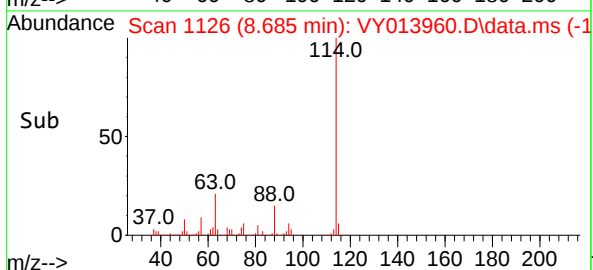
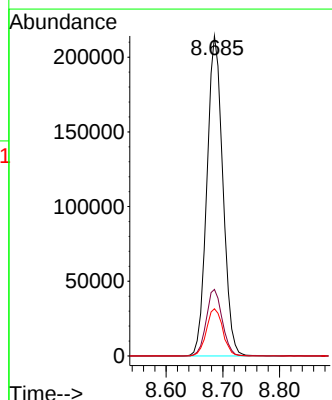
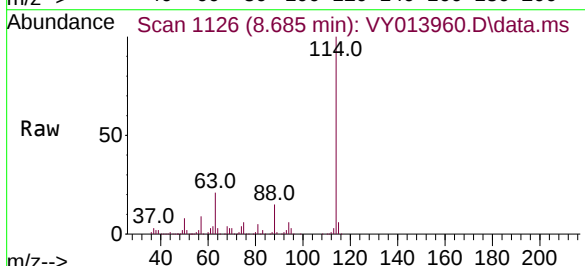
Tgt Ion: 114 Resp: 416959

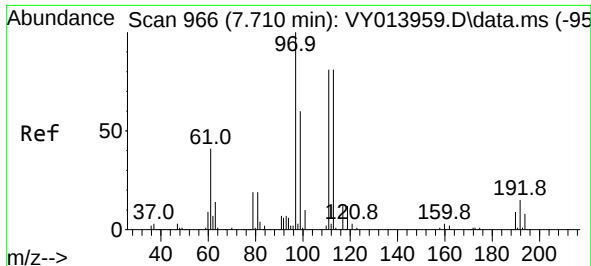
Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.4

88 14.8 0.0 30.6

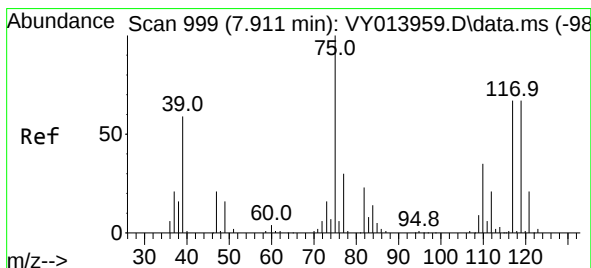
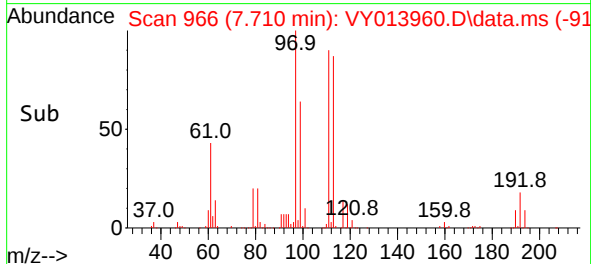
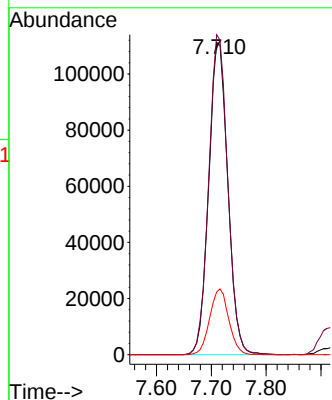
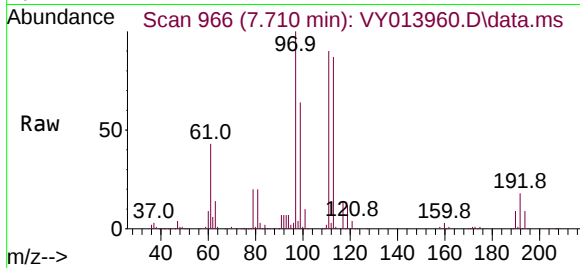




#35
Dibromofluoromethane
Concen: 101.463 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY013960.D
Acq: 01 Jun 2023 12:51

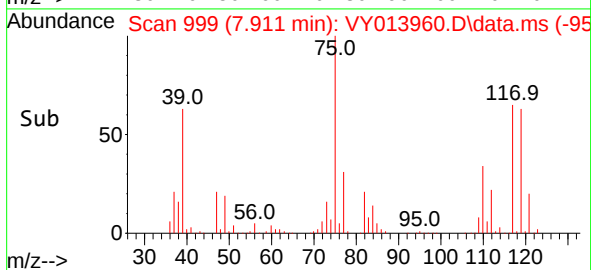
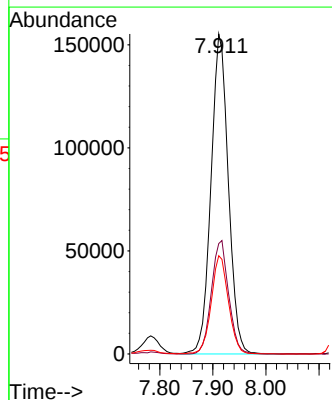
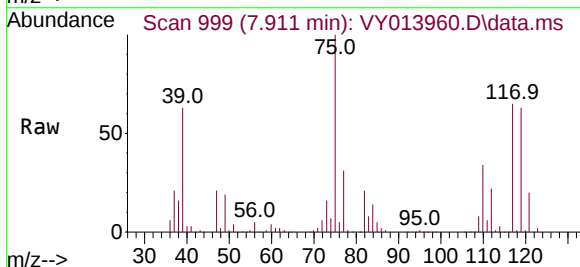
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

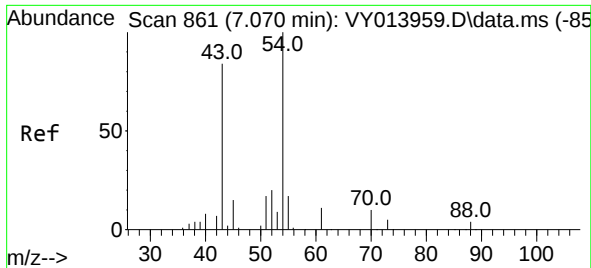
Tgt Ion:113 Resp: 268858
Ion Ratio Lower Upper
113 100
111 102.0 81.3 121.9
192 21.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 93.514 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY013960.D
Acq: 01 Jun 2023 12:51

Tgt Ion: 75 Resp: 353032
Ion Ratio Lower Upper
75 100
110 35.1 17.8 53.5
77 30.5 24.4 36.6

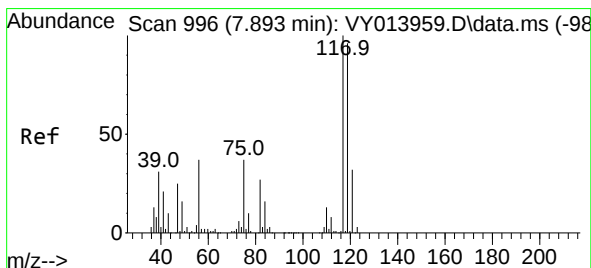
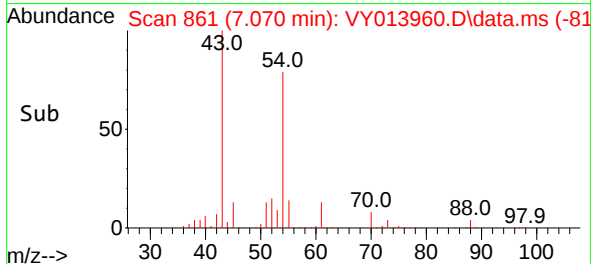
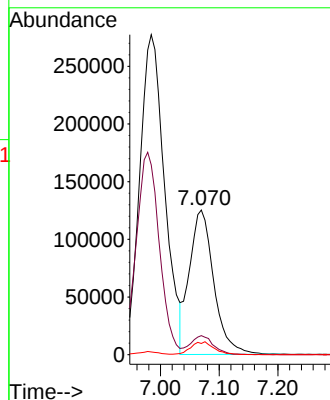
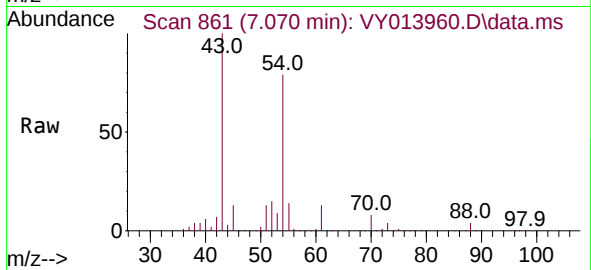




#37
Ethyl Acetate
Concen: 109.859 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY013960.D
Acq: 01 Jun 2023 12:51

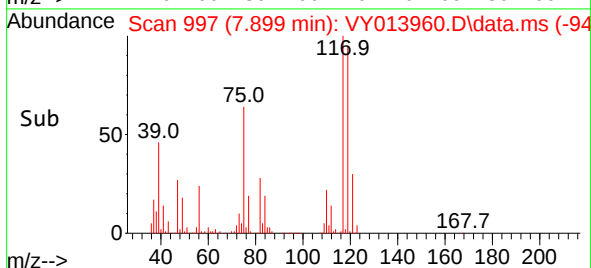
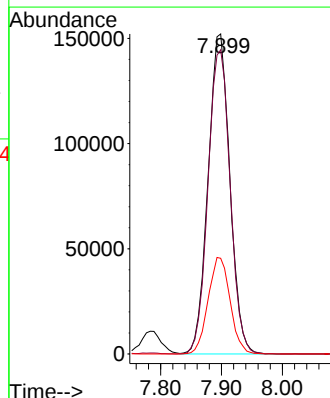
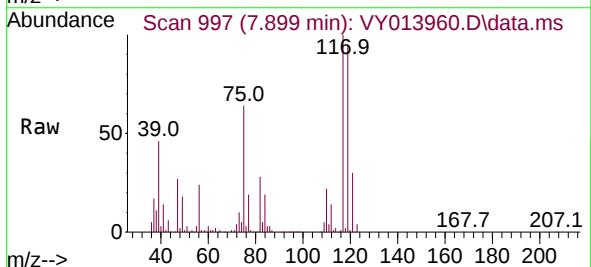
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

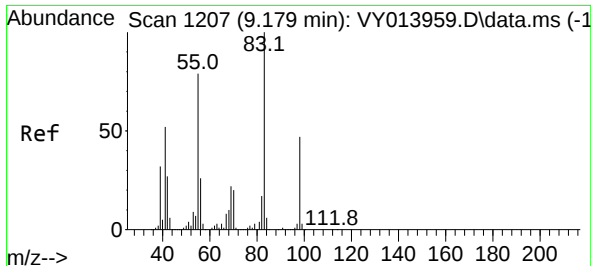
Tgt Ion: 43 Resp: 361592
Ion Ratio Lower Upper
43 100
61 12.0 10.1 15.1
70 8.6 7.1 10.7



#38
Carbon Tetrachloride
Concen: 89.526 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.006 min
Lab File: VY013960.D
Acq: 01 Jun 2023 12:51

Tgt Ion: 117 Resp: 378726
Ion Ratio Lower Upper
117 100
119 95.0 76.4 114.6
121 29.9 25.8 38.6





#39

Methylcyclohexane

Concen: 87.383 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013960.D

Acq: 01 Jun 2023 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

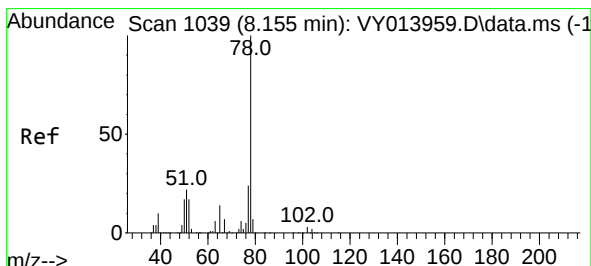
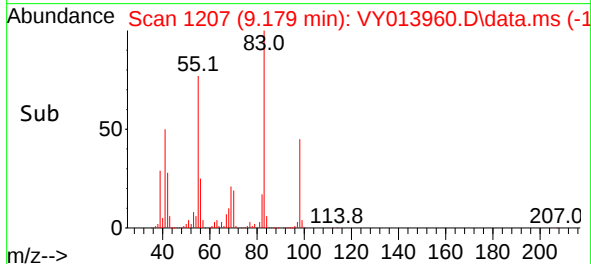
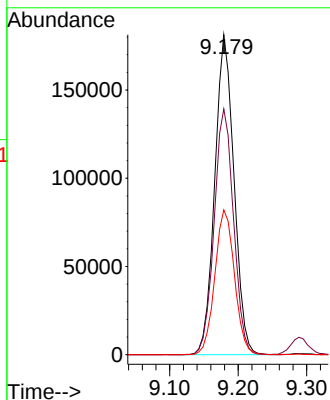
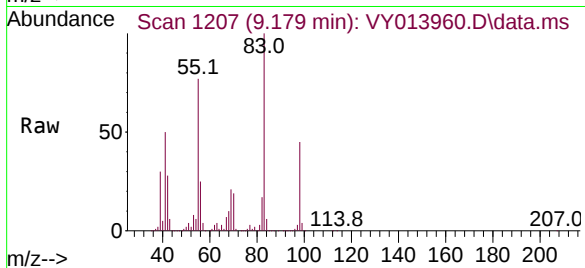
Tgt Ion: 83 Resp: 352177

Ion Ratio Lower Upper

83 100

55 76.8 63.0 94.4

98 45.3 37.4 56.2



#40

Benzene

Concen: 98.768 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY013960.D

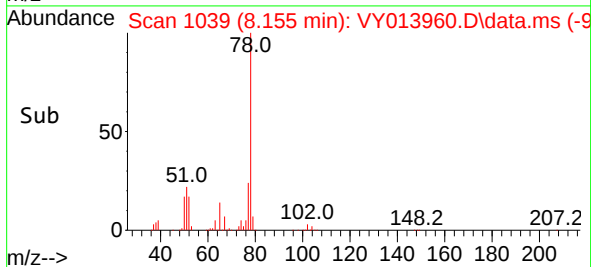
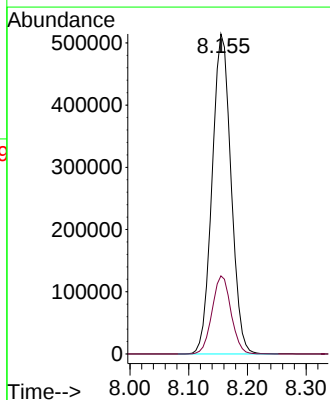
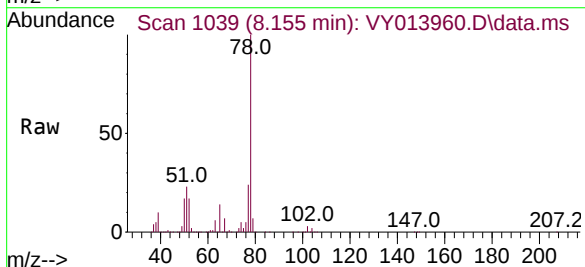
Acq: 01 Jun 2023 12:51

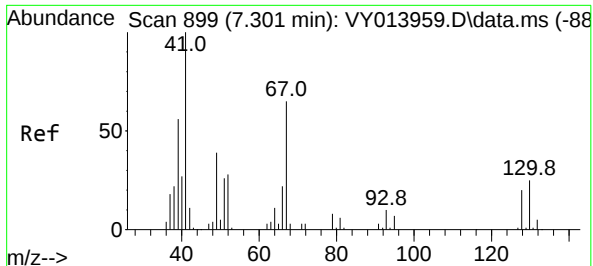
Tgt Ion: 78 Resp: 1150226

Ion Ratio Lower Upper

78 100

77 24.4 19.0 28.6



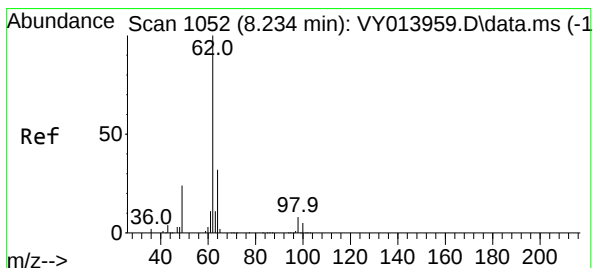
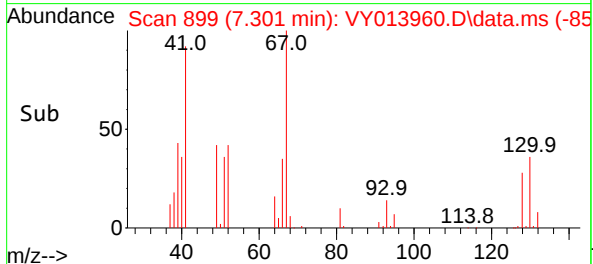
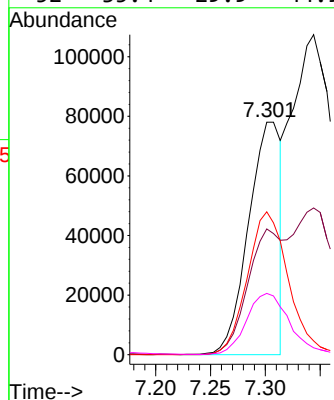
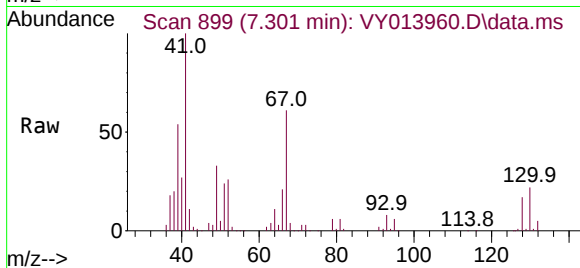


#41
Methacrylonitrile
Concen: 105.453 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.000 min
Lab File: VY013960.D
Acq: 01 Jun 2023 12:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 41 Resp: 160420

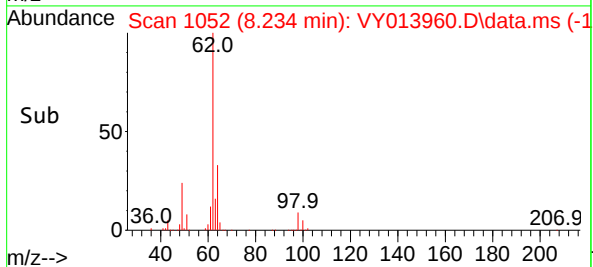
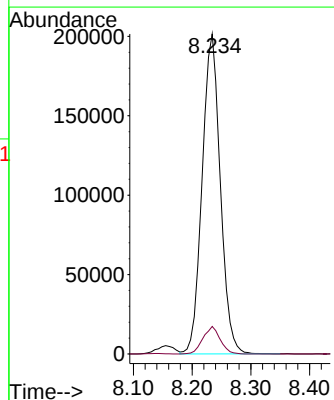
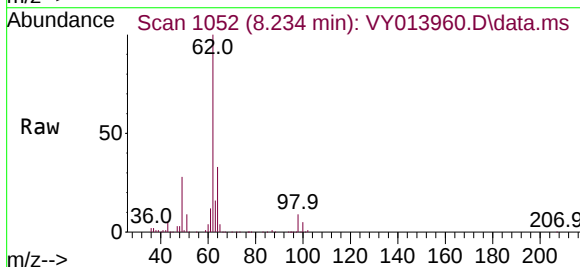
Ion	Ratio	Lower	Upper
41	100		
39	54.5	52.1	78.1
67	78.2	66.2	99.2
52	35.4	29.9	44.9

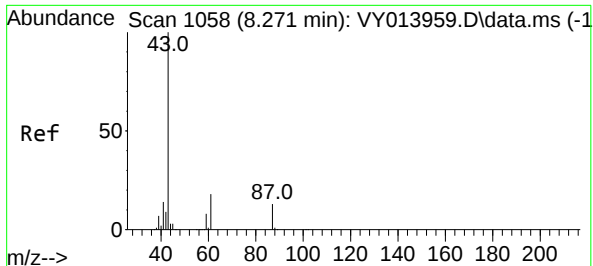


#42
1,2-Dichloroethane
Concen: 101.150 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013960.D
Acq: 01 Jun 2023 12:51

Tgt Ion: 62 Resp: 431945

Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	15.8

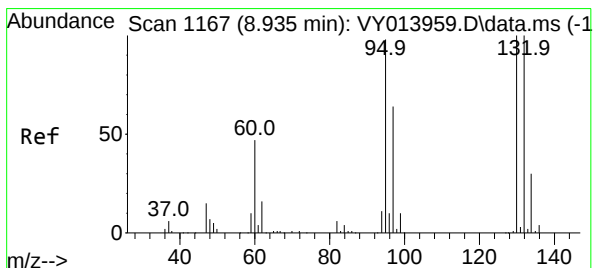
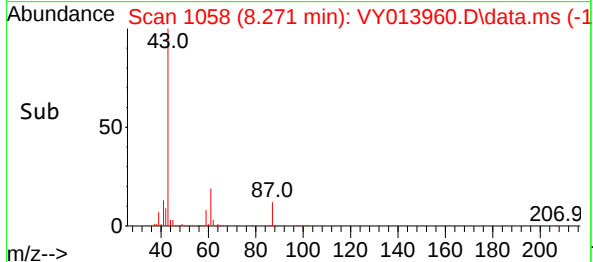
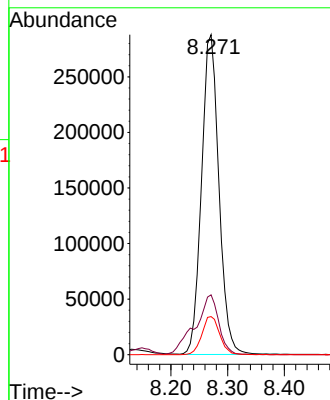
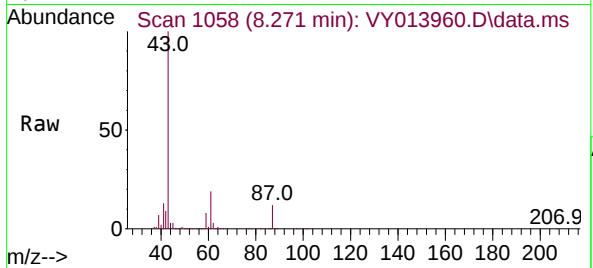




#43
Isopropyl Acetate
Concen: 110.726 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY013960.D
Acq: 01 Jun 2023 12:51

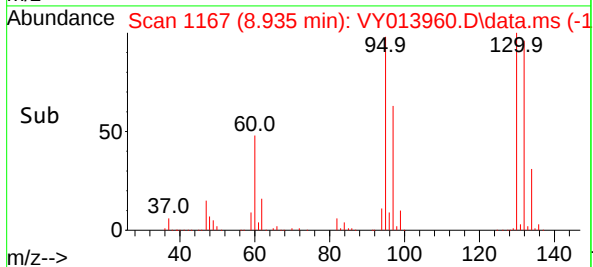
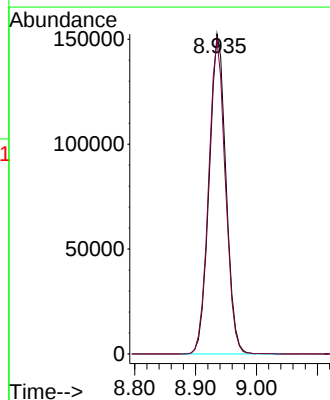
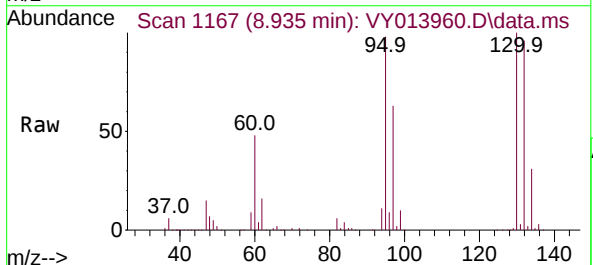
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

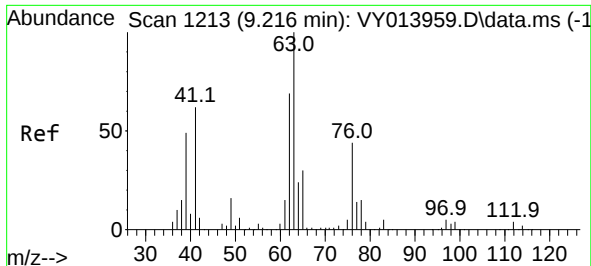
Tgt Ion:	43	Resp:	613658
Ion	Ratio	Lower	Upper
43	100		
61	25.5	21.1	31.7
87	12.2	9.8	14.8



#44
Trichloroethene
Concen: 95.653 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY013960.D
Acq: 01 Jun 2023 12:51

Tgt Ion:	130	Resp:	291712
Ion	Ratio	Lower	Upper
130	100		
95	98.0	0.0	196.0





#45

1,2-Dichloropropane

Concen: 101.730 ug/l

RT: 9.210 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY013960.D

Acq: 01 Jun 2023 12:51

Instrument :

MSVOA_Y

ClientSampleId :

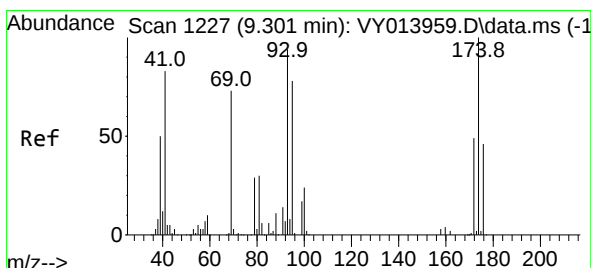
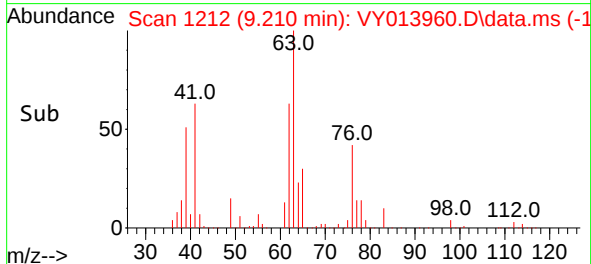
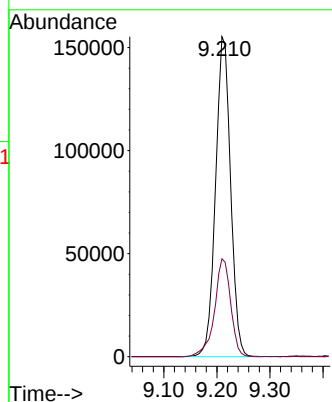
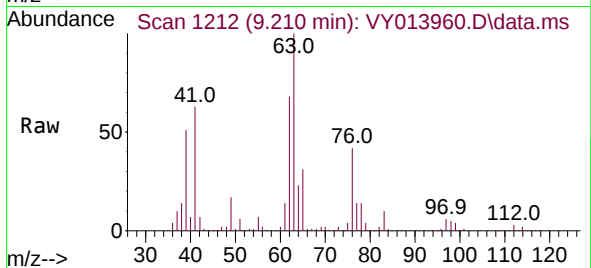
VSTDIC100

Tgt Ion: 63 Resp: 305733

Ion Ratio Lower Upper

63 100

65 30.6 23.8 35.6



#46

Dibromomethane

Concen: 103.361 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY013960.D

Acq: 01 Jun 2023 12:51

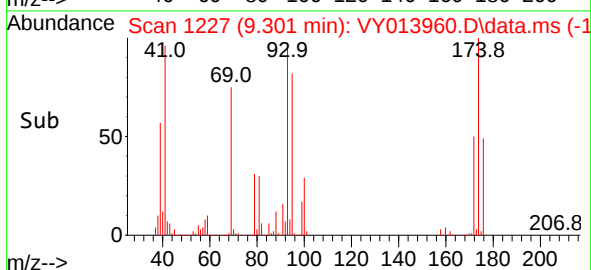
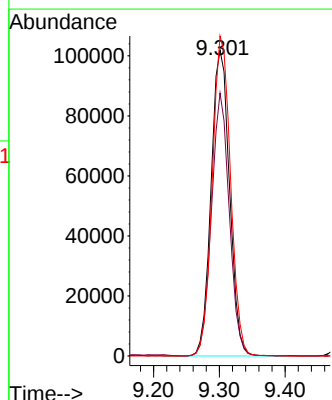
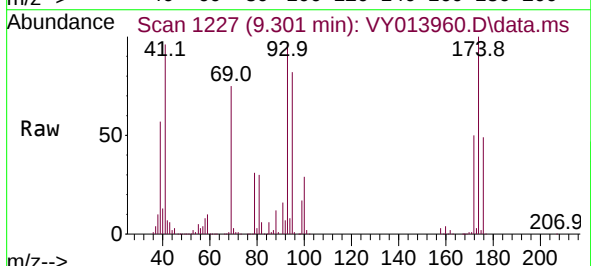
Tgt Ion: 93 Resp: 198866

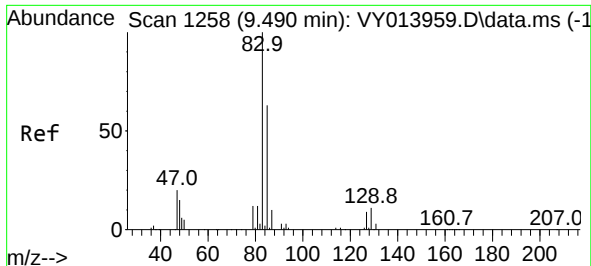
Ion Ratio Lower Upper

93 100

95 83.1 66.6 100.0

174 103.8 84.8 127.2

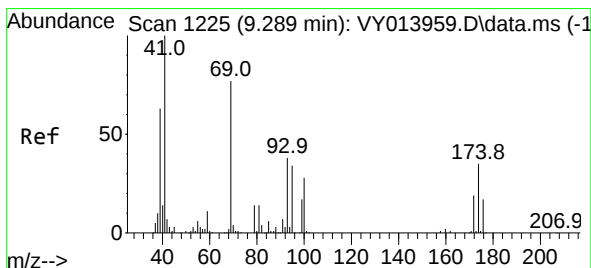
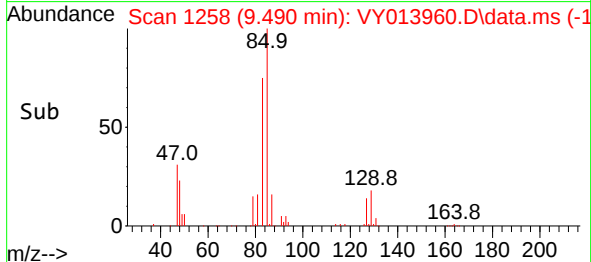
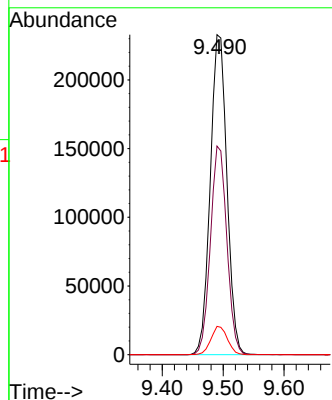
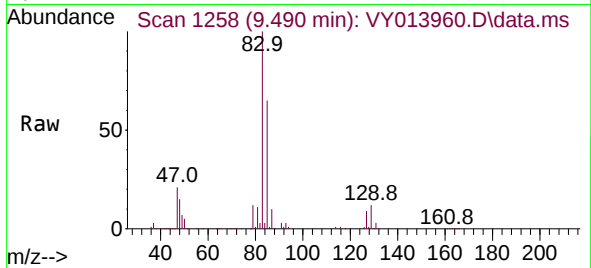




#47
Bromodichloromethane
Concen: 101.928 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY013960.D
Acq: 01 Jun 2023 12:51

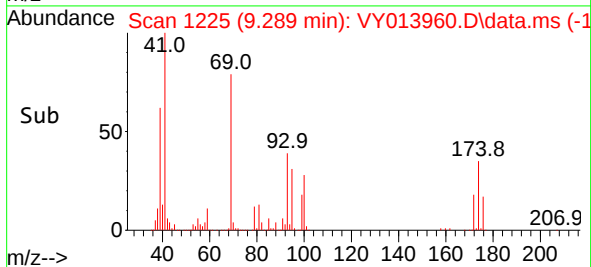
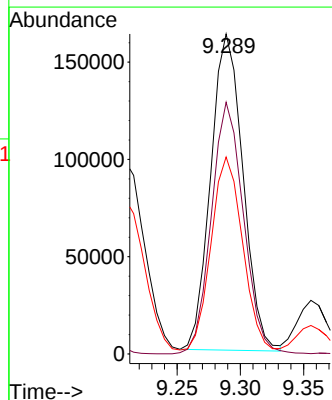
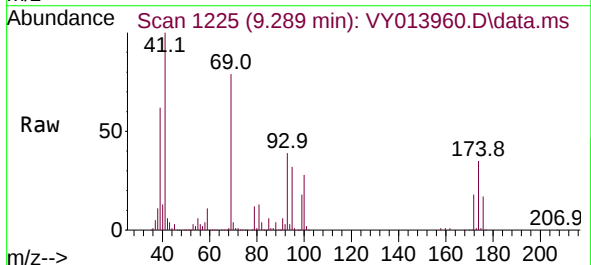
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

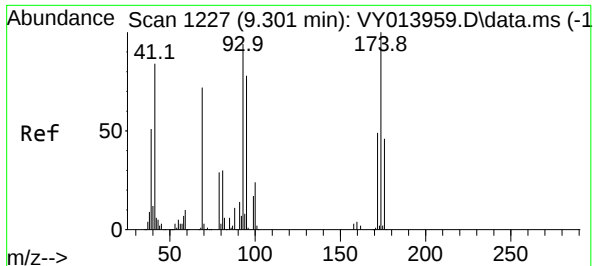
Tgt Ion: 83 Resp: 441774
Ion Ratio Lower Upper
83 100
85 65.2 50.1 75.1
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 114.335 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY013960.D
Acq: 01 Jun 2023 12:51

Tgt Ion: 41 Resp: 288414
Ion Ratio Lower Upper
41 100
69 79.2 64.5 96.7
39 62.0 50.8 76.2





#49

1,4-Dioxane

Concen: 2319.633 ug/l

RT: 9.313 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY013960.D

Acq: 01 Jun 2023 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

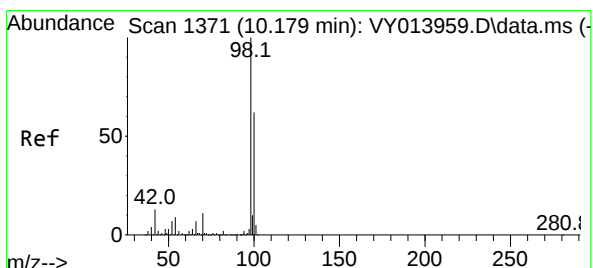
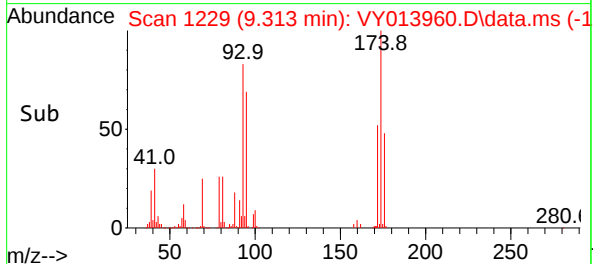
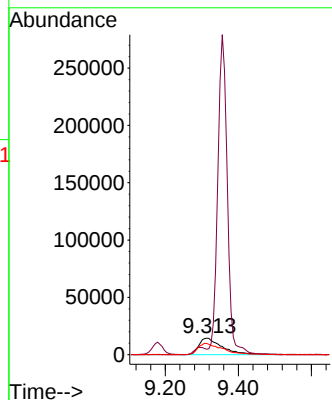
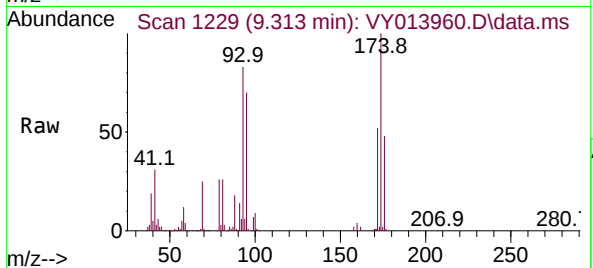
Tgt Ion: 88 Resp: 64903

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 70.3 30.9 46.3#



#50

Toluene-d8

Concen: 98.852 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY013960.D

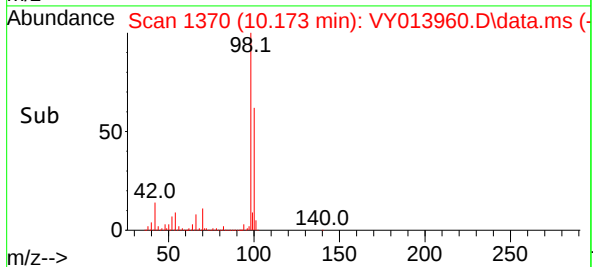
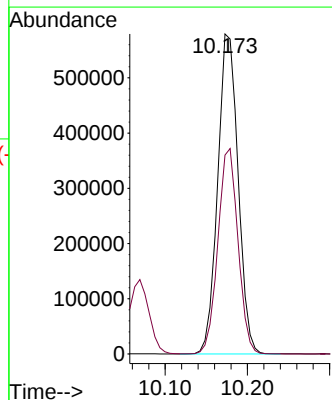
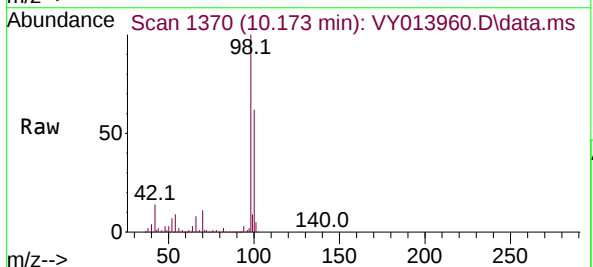
Acq: 01 Jun 2023 12:51

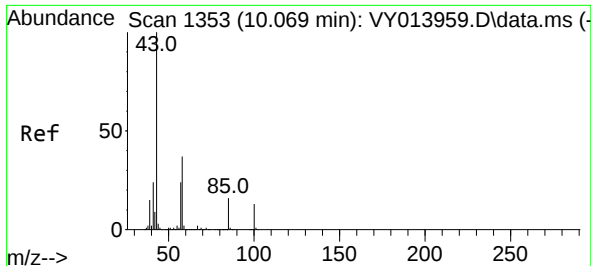
Tgt Ion: 98 Resp: 999146

Ion Ratio Lower Upper

98 100

100 63.3 50.1 75.1

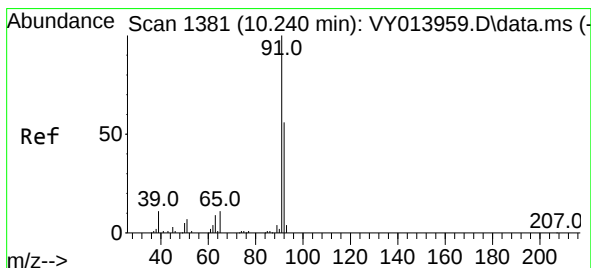
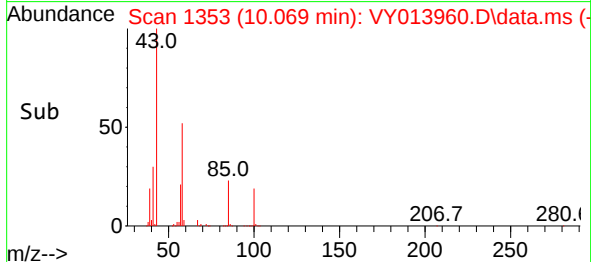
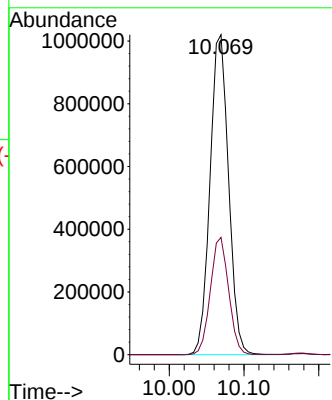
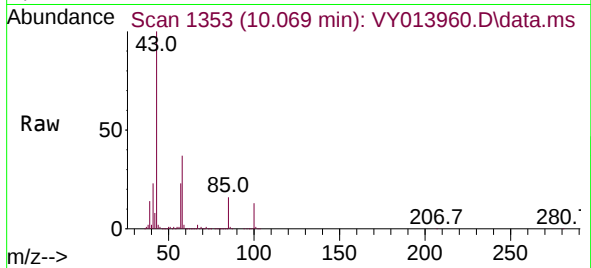




#51
4-Methyl-2-Pentanone
Concen: 561.409 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013960.D
Acq: 01 Jun 2023 12:51

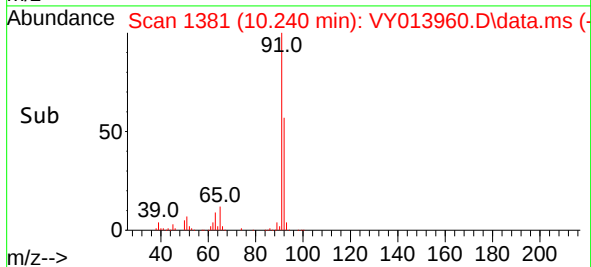
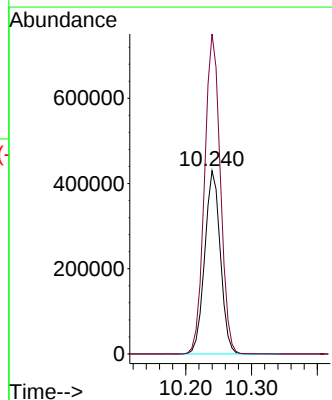
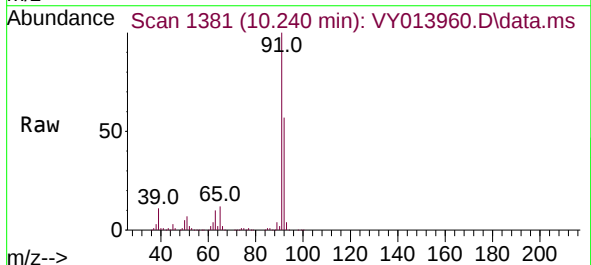
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

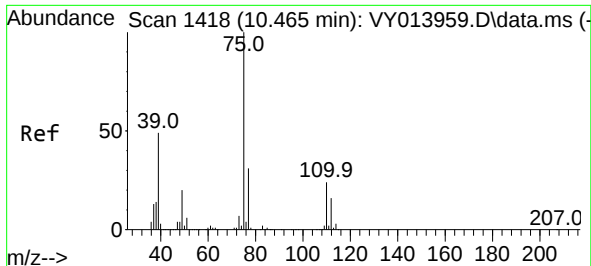
Tgt Ion: 43 Resp: 1757396
Ion Ratio Lower Upper
43 100
58 36.2 29.0 43.6



#52
Toluene
Concen: 99.426 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013960.D
Acq: 01 Jun 2023 12:51

Tgt Ion: 92 Resp: 709328
Ion Ratio Lower Upper
92 100
91 176.9 143.8 215.6

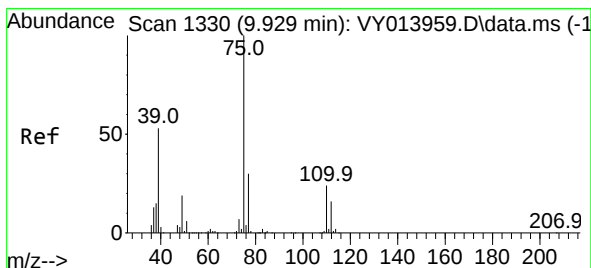
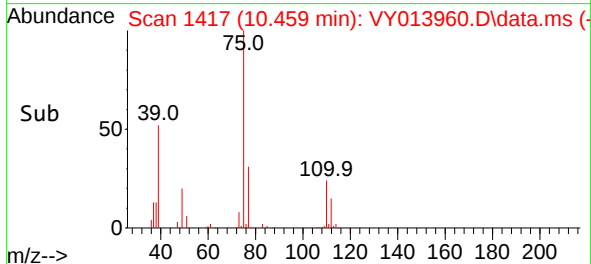
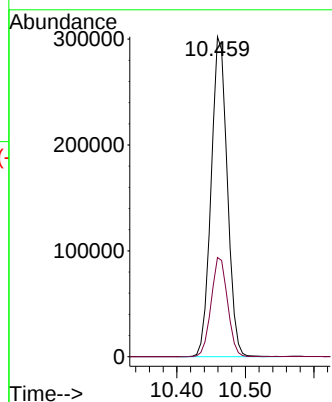
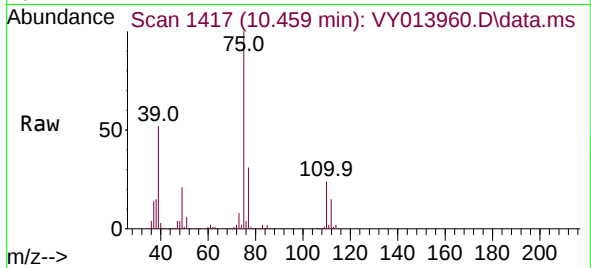




#53
 t-1,3-Dichloropropene
 Concen: 106.254 ug/l
 RT: 10.459 min Scan# 1418
 Delta R.T. -0.006 min
 Lab File: VY013960.D
 Acq: 01 Jun 2023 12:51

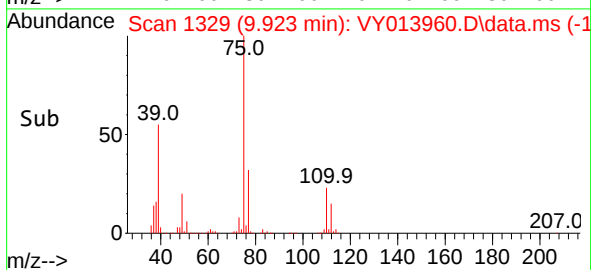
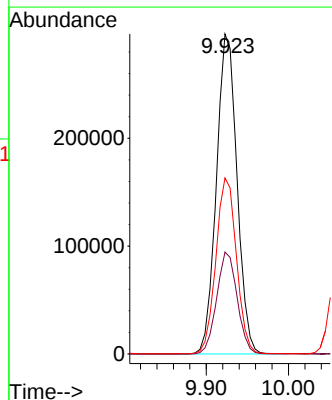
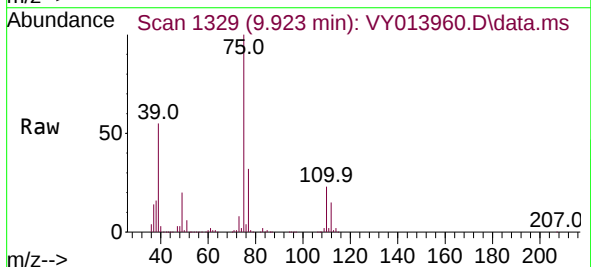
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

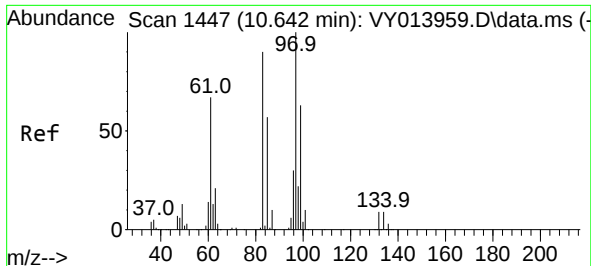
Tgt Ion: 75 Resp: 494686
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 103.894 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: VY013960.D
 Acq: 01 Jun 2023 12:51

Tgt Ion: 75 Resp: 516431
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.2 36.4
 39 55.0 42.2 63.4

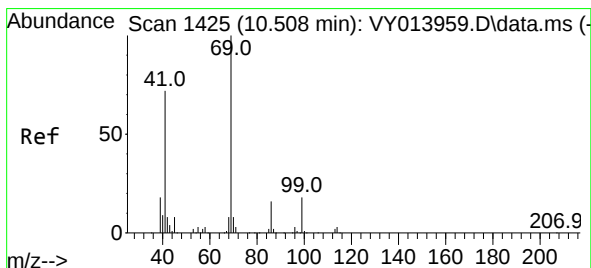
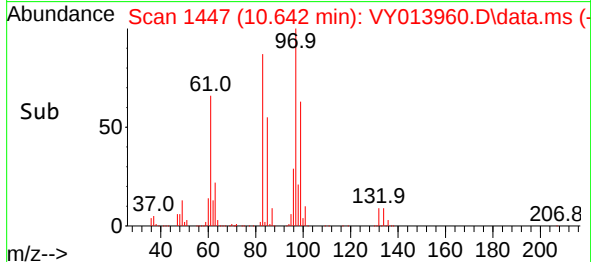
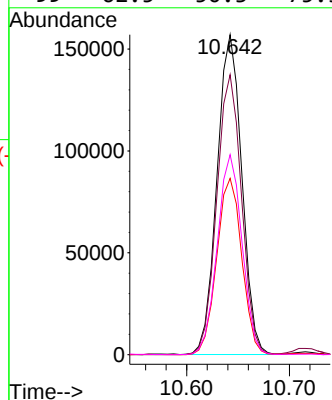
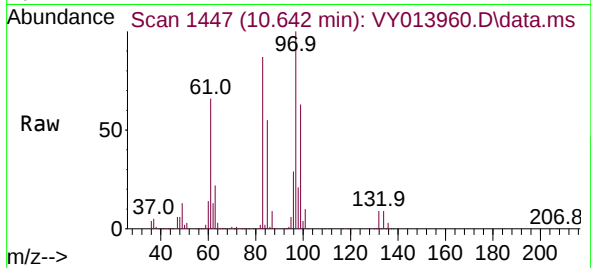




#55
1,1,2-Trichloroethane
Concen: 103.706 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY013960.D
Acq: 01 Jun 2023 12:51

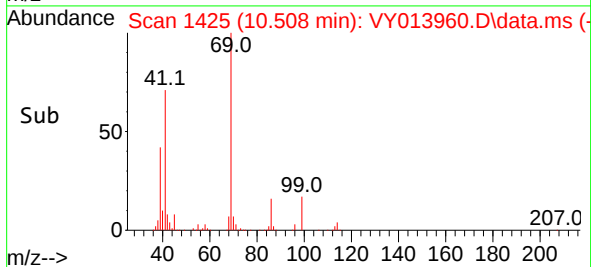
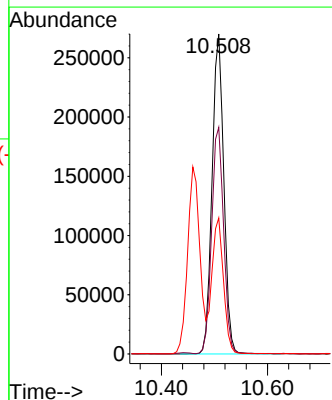
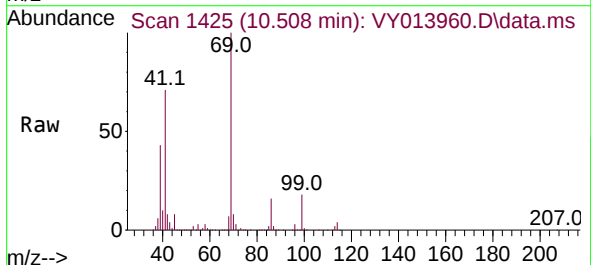
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

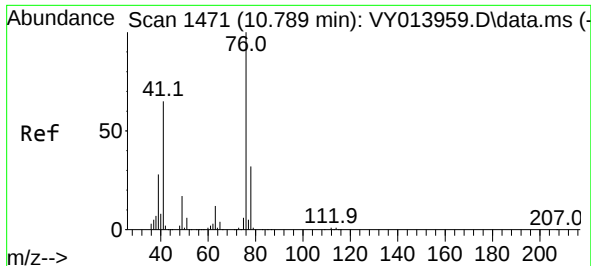
Tgt Ion:	97	Resp:	263051
Ion	Ratio	Lower	Upper
97	100		
83	87.5	72.0	108.0
85	55.1	45.4	68.0
99	62.5	50.3	75.5



#56
Ethyl methacrylate
Concen: 113.733 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY013960.D
Acq: 01 Jun 2023 12:51

Tgt Ion:	69	Resp:	414204
Ion	Ratio	Lower	Upper
69	100		
41	72.2	57.6	86.4
39	41.9	34.1	51.1





#57

1,3-Dichloropropane

Concen: 104.240 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY013960.D

Acq: 01 Jun 2023 12:51

Instrument :

MSVOA_Y

ClientSampleId :

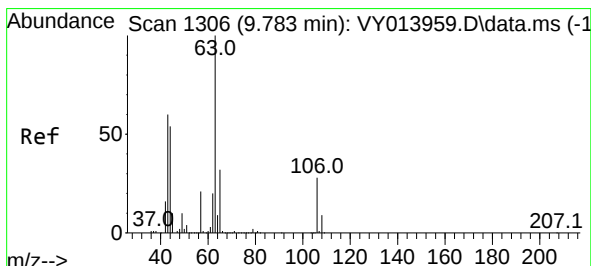
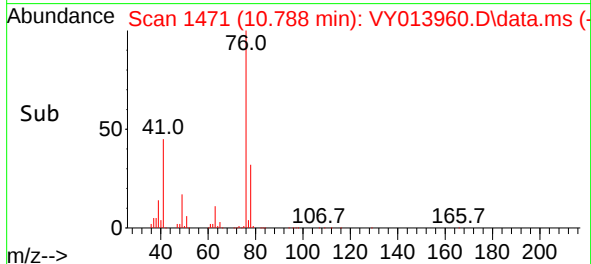
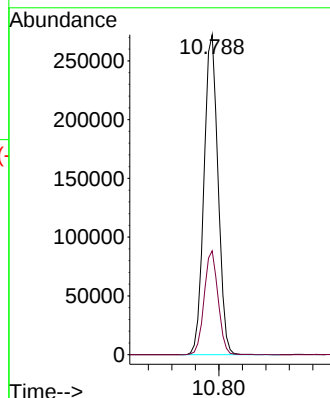
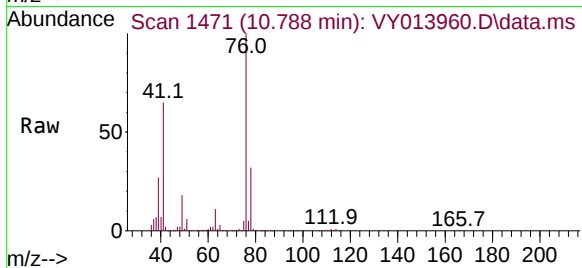
VSTDIC100

Tgt Ion: 76 Resp: 451790

Ion Ratio Lower Upper

76 100

78 32.1 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 526.078 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.007 min

Lab File: VY013960.D

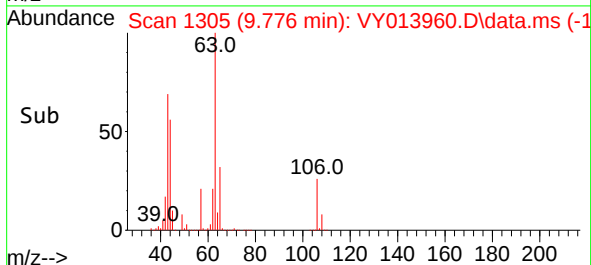
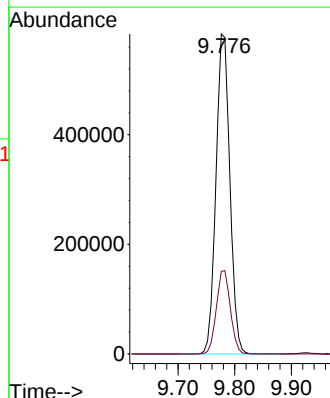
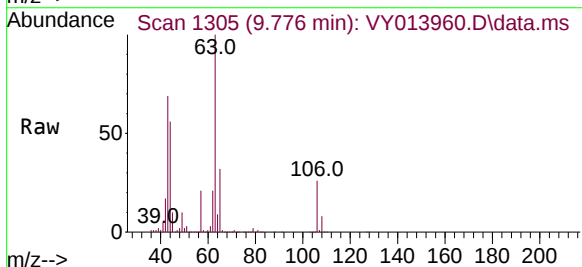
Acq: 01 Jun 2023 12:51

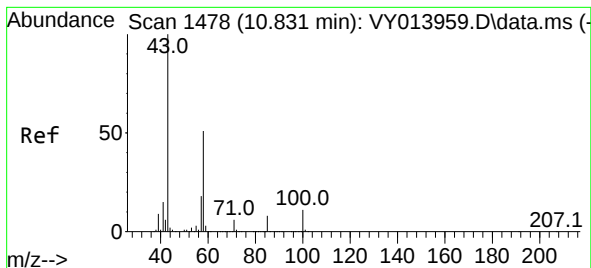
Tgt Ion: 63 Resp: 993061

Ion Ratio Lower Upper

63 100

106 26.2 21.2 31.8

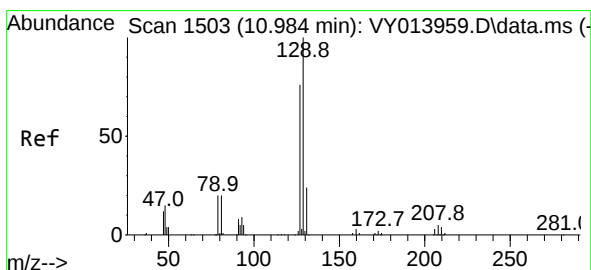
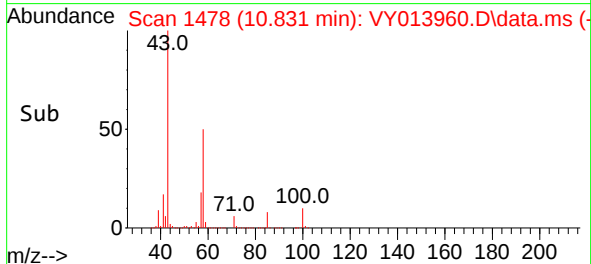
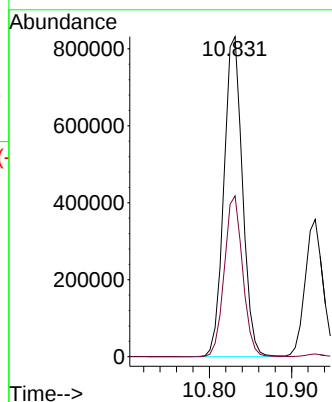
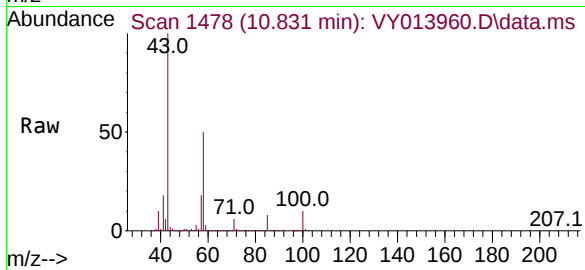




#59
2-Hexanone
Concen: 575.749 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY013960.D
Acq: 01 Jun 2023 12:51

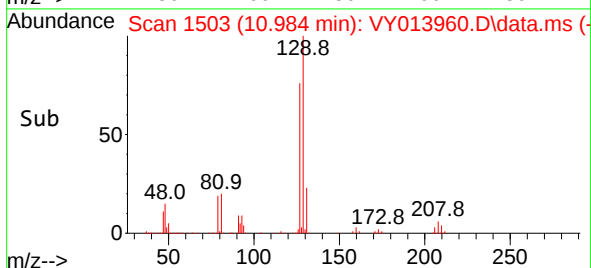
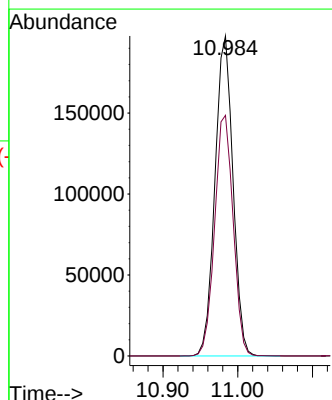
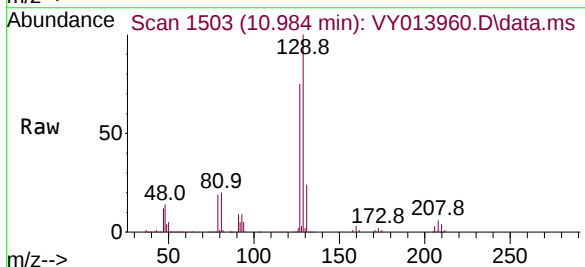
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

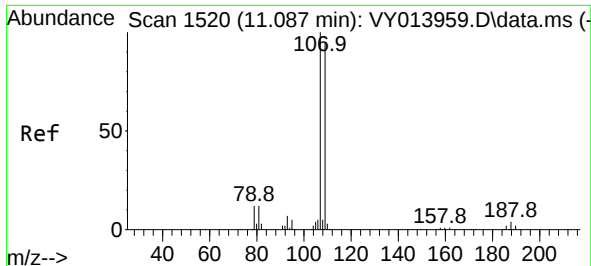
Tgt Ion: 43 Resp: 1305042
Ion Ratio Lower Upper
43 100
58 49.6 25.1 75.3



#60
Dibromochloromethane
Concen: 103.014 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY013960.D
Acq: 01 Jun 2023 12:51

Tgt Ion: 129 Resp: 330252
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5

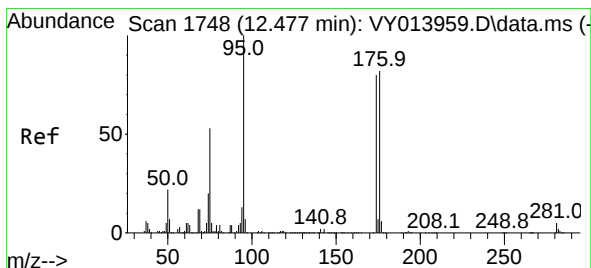
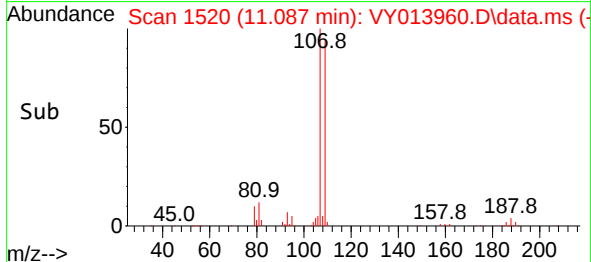
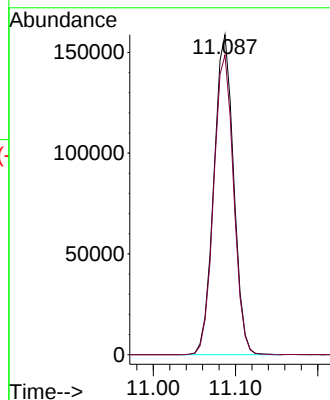
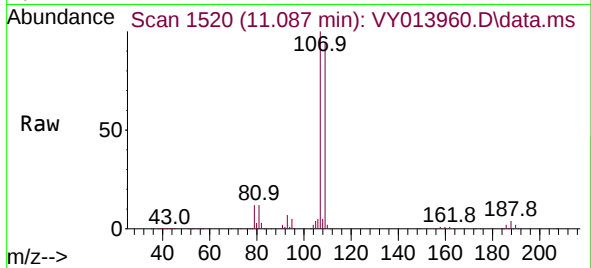




#61
1,2-Dibromoethane
Concen: 103.878 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY013960.D
Acq: 01 Jun 2023 12:51

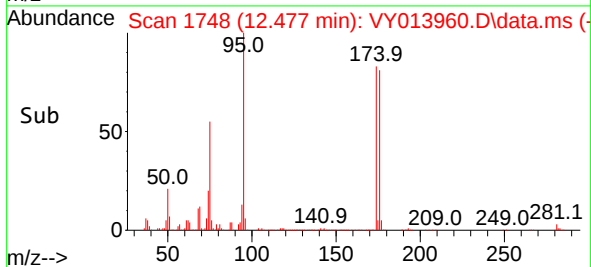
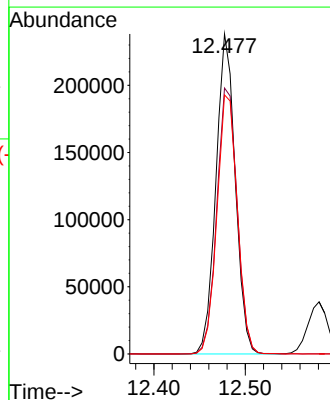
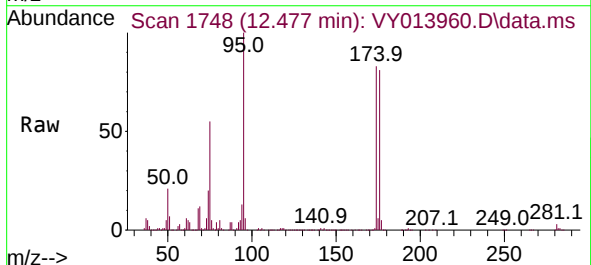
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

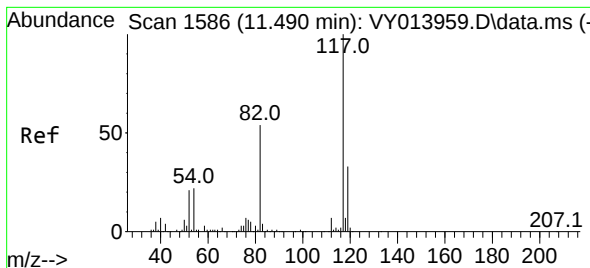
Tgt Ion:107 Resp: 264736
Ion Ratio Lower Upper
107 100
109 94.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 101.497 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013960.D
Acq: 01 Jun 2023 12:51

Tgt Ion: 95 Resp: 349744
Ion Ratio Lower Upper
95 100
174 87.7 0.0 178.2
176 85.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY013960.D

Acq: 01 Jun 2023 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

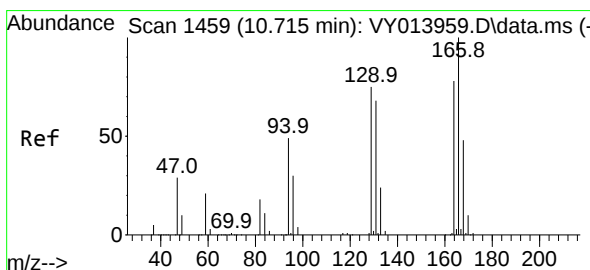
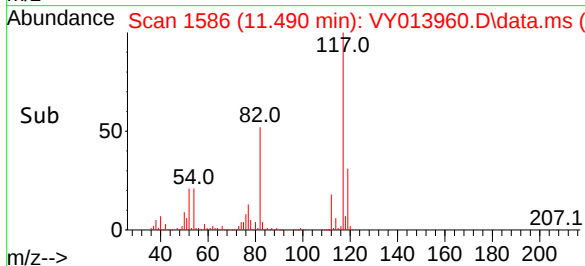
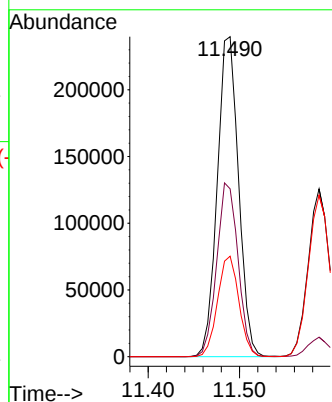
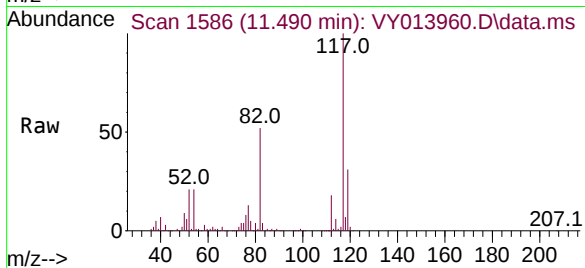
Tgt Ion:117 Resp: 388827

Ion Ratio Lower Upper

117 100

82 52.4 43.4 65.0

119 31.4 26.3 39.5



#64

Tetrachloroethene

Concen: 92.384 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VY013960.D

Acq: 01 Jun 2023 12:51

Tgt Ion:164 Resp: 246090

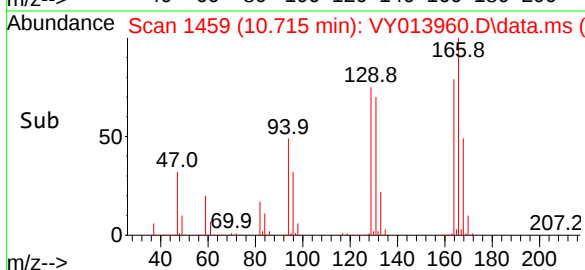
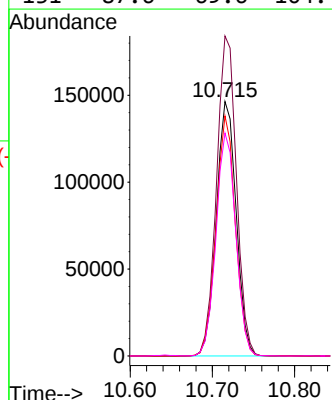
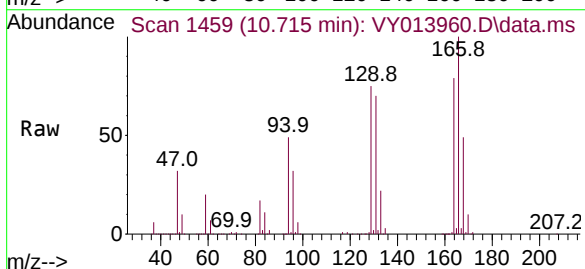
Ion Ratio Lower Upper

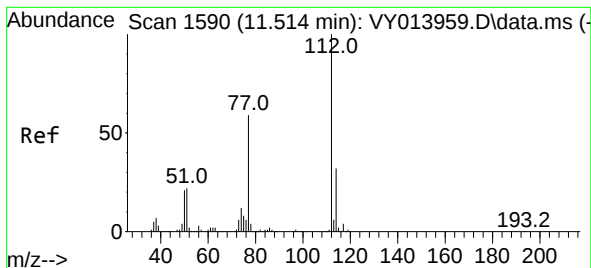
164 100

166 125.8 103.0 154.6

129 94.4 77.2 115.8

131 87.6 69.6 104.4





#65

Chlorobenzene

Concen: 97.172 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013960.D

Acq: 01 Jun 2023 12:51

Instrument :

MSVOA_Y

ClientSampleId :

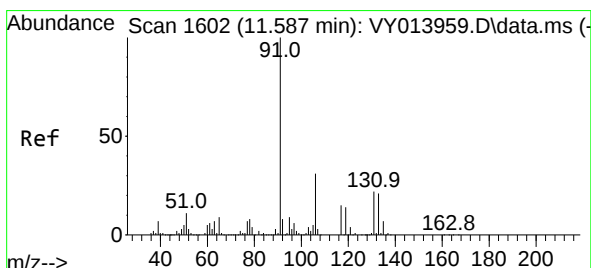
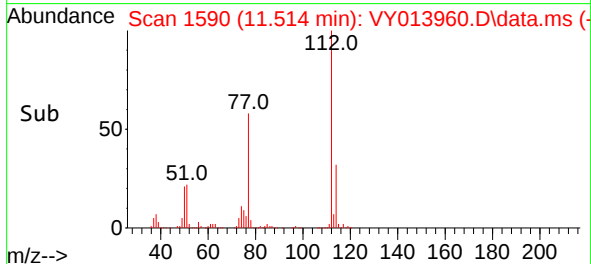
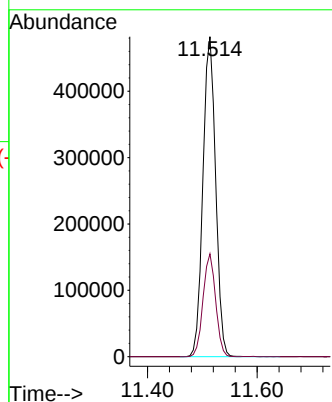
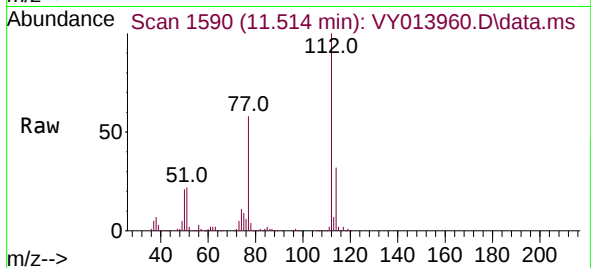
VSTDIC100

Tgt Ion:112 Resp: 775138

Ion Ratio Lower Upper

112 100

114 32.1 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 98.740 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY013960.D

Acq: 01 Jun 2023 12:51

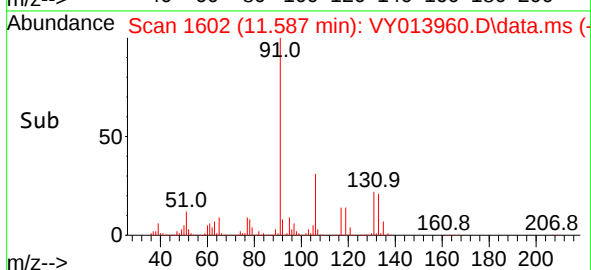
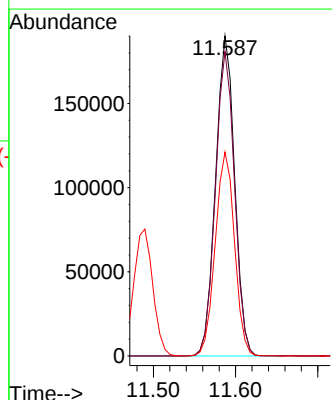
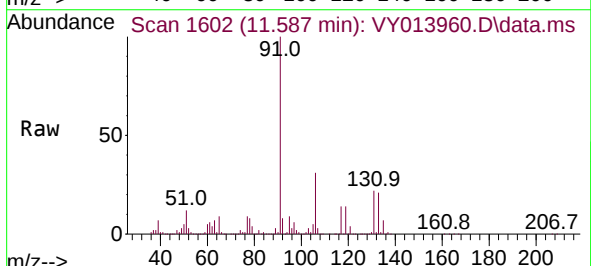
Tgt Ion:131 Resp: 306632

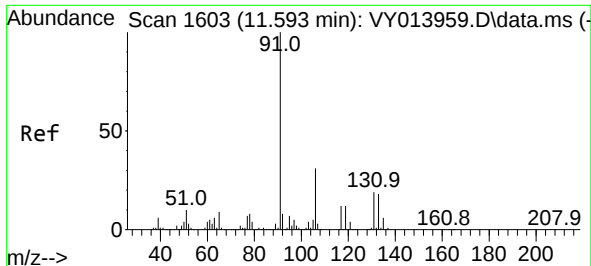
Ion Ratio Lower Upper

131 100

133 95.3 47.5 142.6

119 64.3 31.6 94.7





#67

Ethyl Benzene

Concen: 98.842 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013960.D

Acq: 01 Jun 2023 12:51

Instrument :

MSVOA_Y

ClientSampleId :

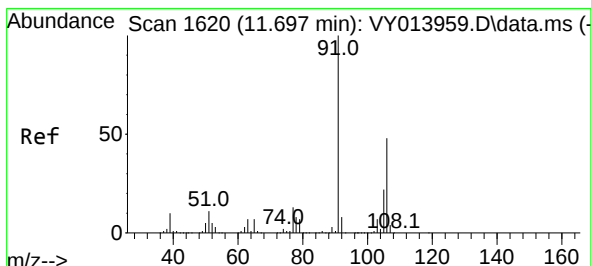
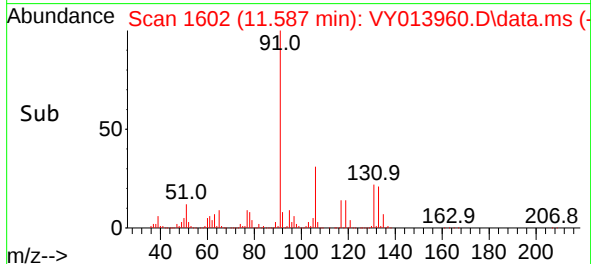
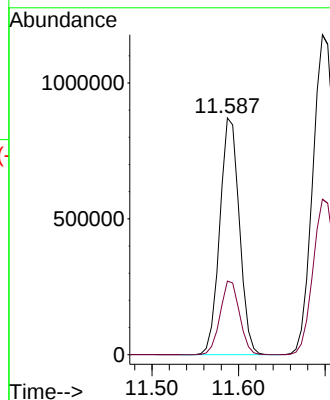
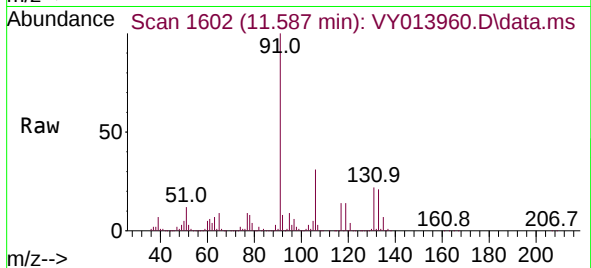
VSTDIC100

Tgt Ion: 91 Resp: 1364765

Ion Ratio Lower Upper

91 100

106 31.1 24.6 36.8



#68

m/p-Xylenes

Concen: 197.112 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY013960.D

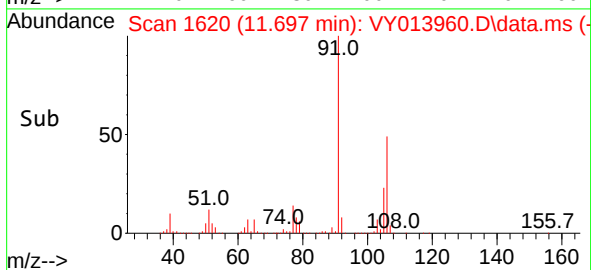
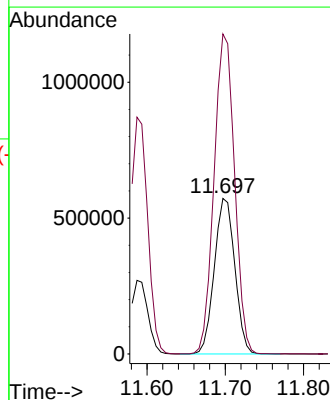
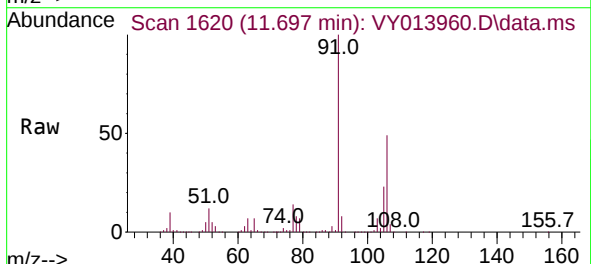
Acq: 01 Jun 2023 12:51

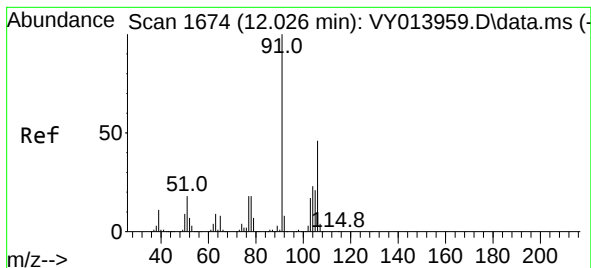
Tgt Ion:106 Resp: 1039623

Ion Ratio Lower Upper

106 100

91 206.3 166.1 249.1





#69

o-Xylene

Concen: 101.132 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. -0.000 min

Lab File: VY013960.D

Acq: 01 Jun 2023 12:51

Instrument :

MSVOA_Y

ClientSampleId :

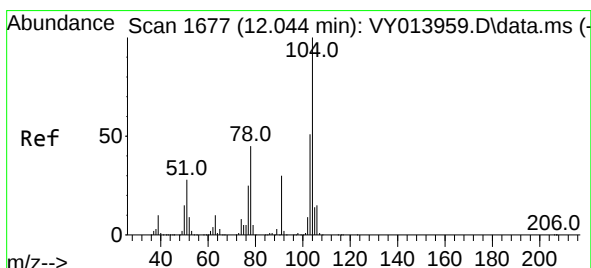
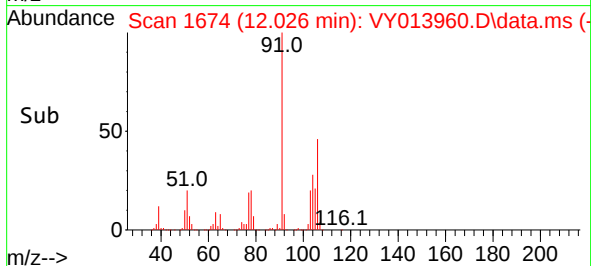
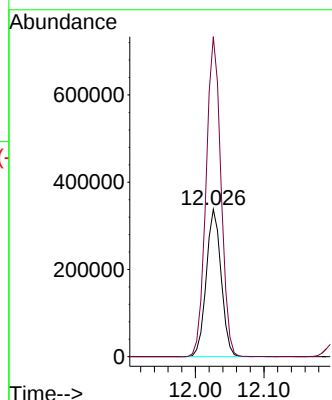
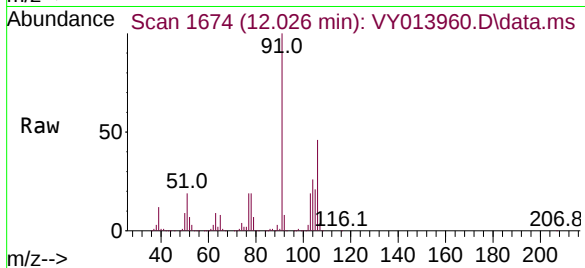
VSTDIC100

Tgt Ion:106 Resp: 511109

Ion Ratio Lower Upper

106 100

91 217.3 108.1 324.3



#70

Styrene

Concen: 102.964 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY013960.D

Acq: 01 Jun 2023 12:51

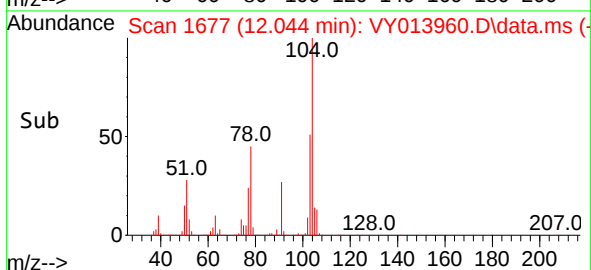
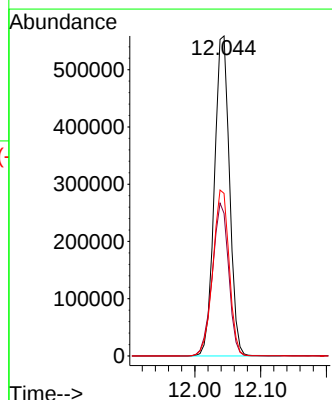
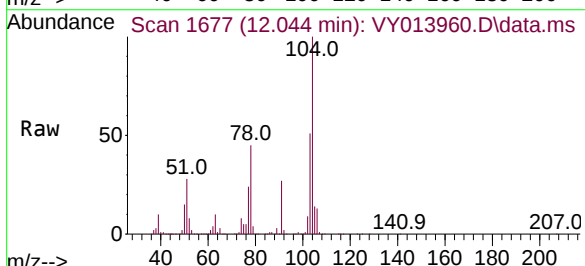
Tgt Ion:104 Resp: 893794

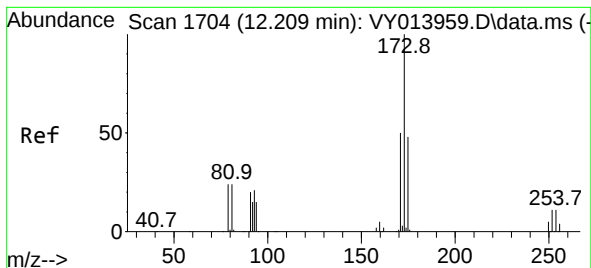
Ion Ratio Lower Upper

104 100

78 51.5 41.5 62.3

103 55.8 44.6 67.0





#71

Bromoform

Concen: 103.010 ug/l

RT: 12.203 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013960.D

Acq: 01 Jun 2023 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

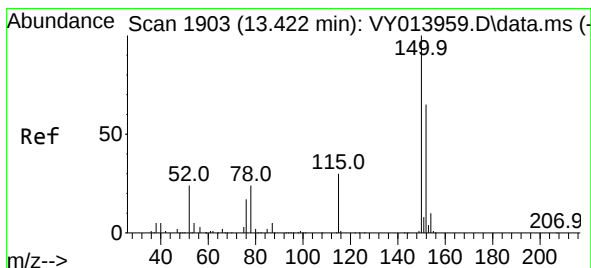
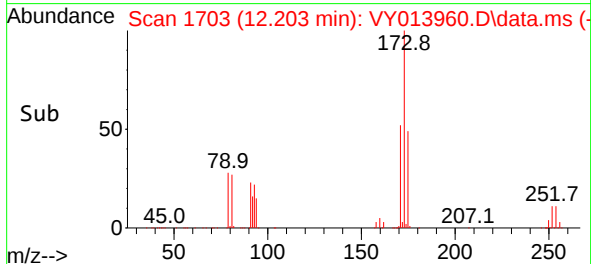
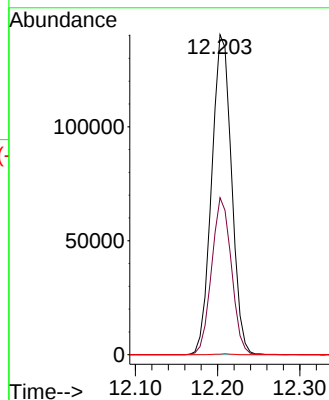
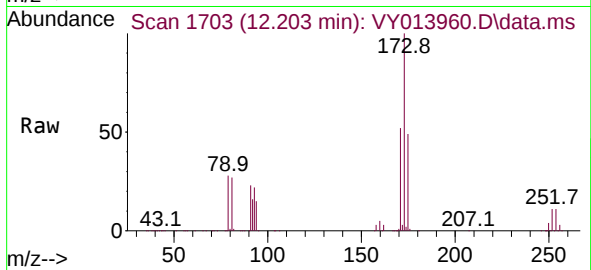
Tgt Ion:173 Resp: 235835

Ion Ratio Lower Upper

173 100

175 48.8 24.6 73.8

254 0.2 0.2 0.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013960.D

Acq: 01 Jun 2023 12:51

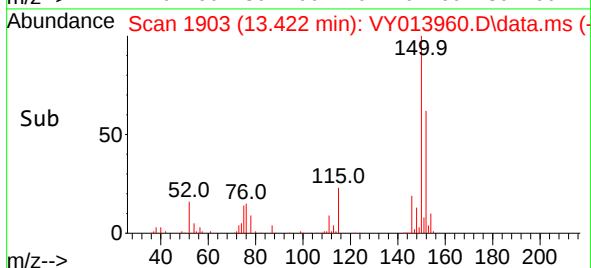
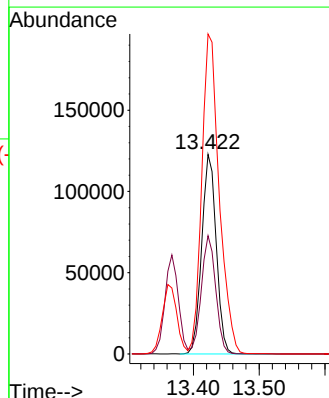
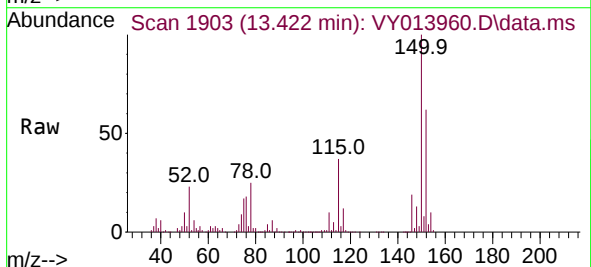
Tgt Ion:152 Resp: 188418

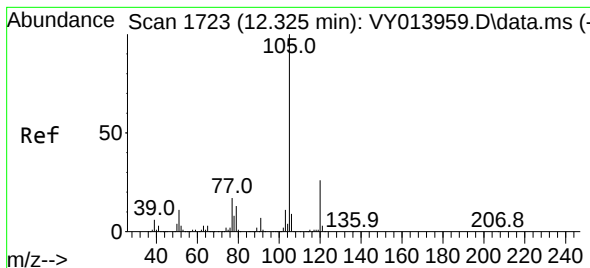
Ion Ratio Lower Upper

152 100

115 58.5 28.8 86.5

150 192.6 0.0 348.8





#73

Isopropylbenzene

Concen: 99.962 ug/l

RT: 12.325 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013960.D

Acq: 01 Jun 2023 12:51

Instrument :

MSVOA_Y

ClientSampleId :

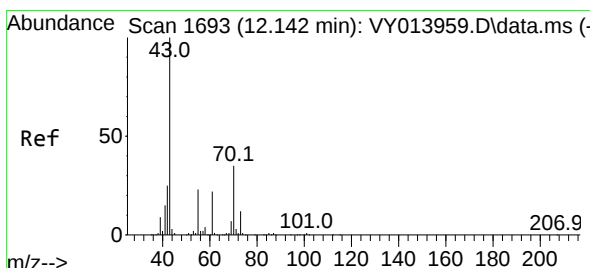
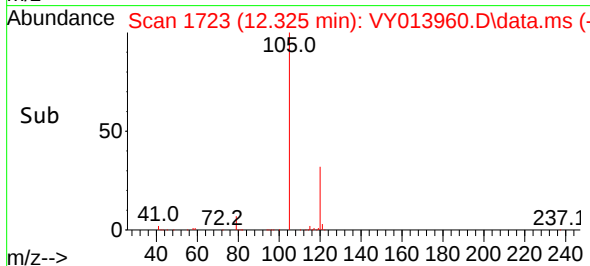
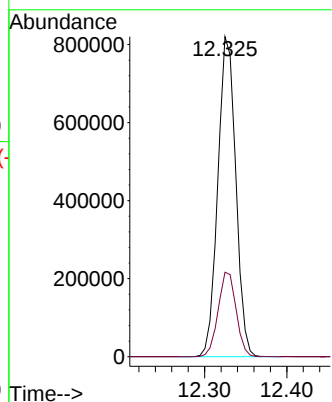
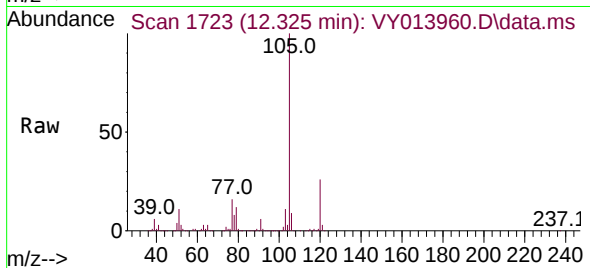
VSTDIC100

Tgt Ion:105 Resp: 1243143

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.9



#74

N-ethyl acetate

Concen: 112.401 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013960.D

Acq: 01 Jun 2023 12:51

Tgt Ion: 43 Resp: 536307

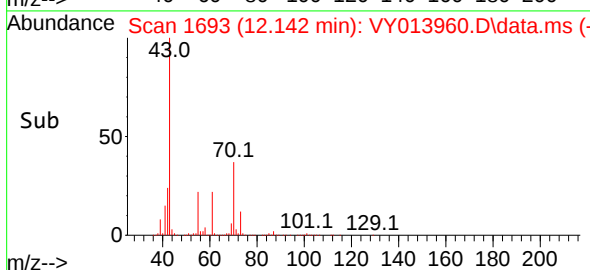
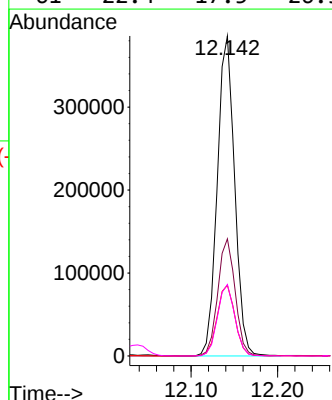
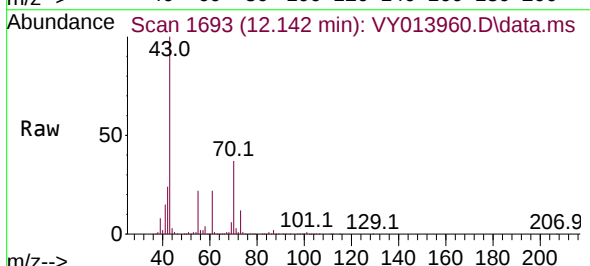
Ion Ratio Lower Upper

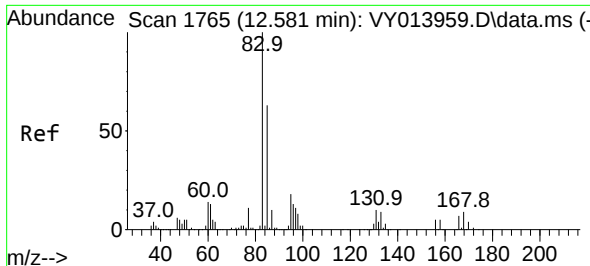
43 100

70 36.6 29.7 44.5

55 22.7 18.3 27.5

61 22.4 17.5 26.3

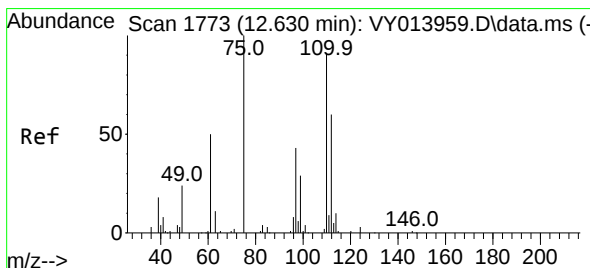
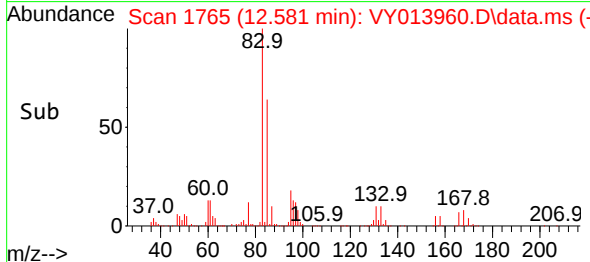
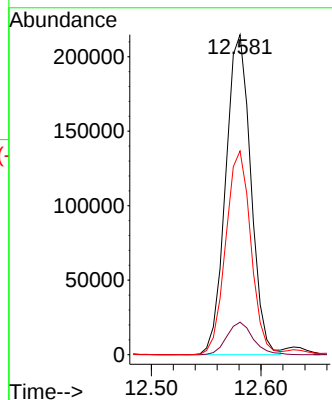
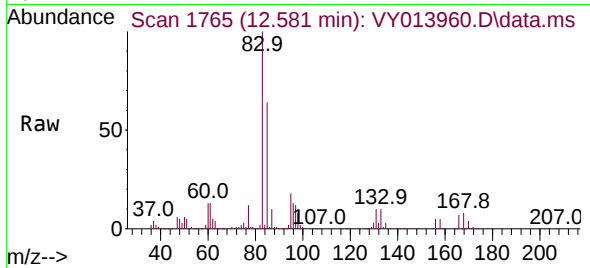




#75
1,1,2,2-Tetrachloroethane
Concen: 105.156 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013960.D
Acq: 01 Jun 2023 12:51

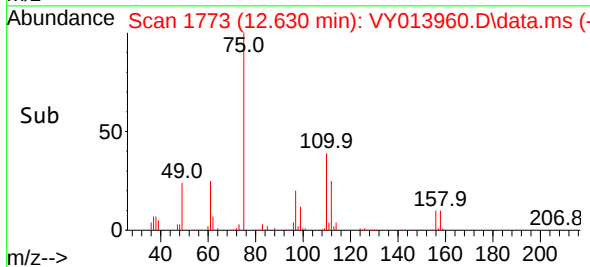
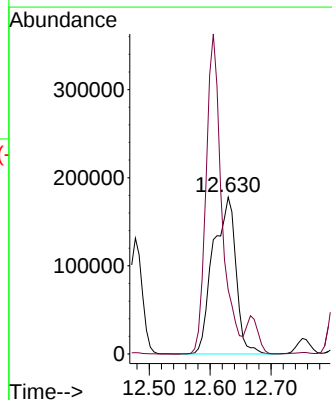
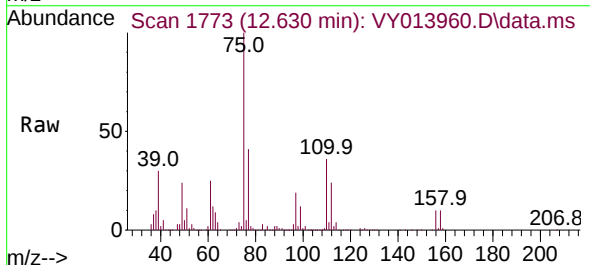
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

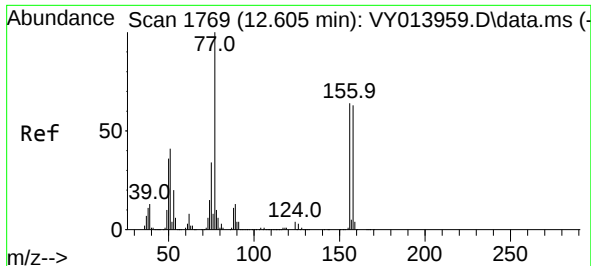
Tgt Ion: 83 Resp: 341790
Ion Ratio Lower Upper
83 100
131 10.6 5.4 16.2
85 63.7 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 182.568 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY013960.D
Acq: 01 Jun 2023 12:51

Tgt Ion: 75 Resp: 463816
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

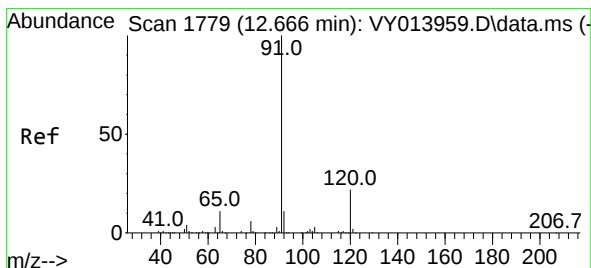
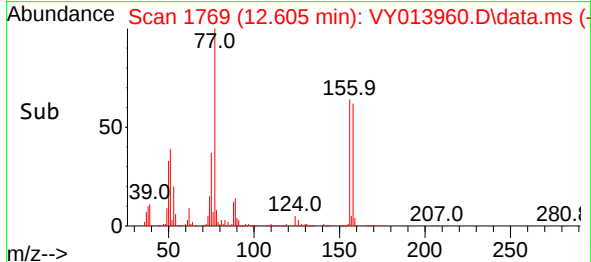
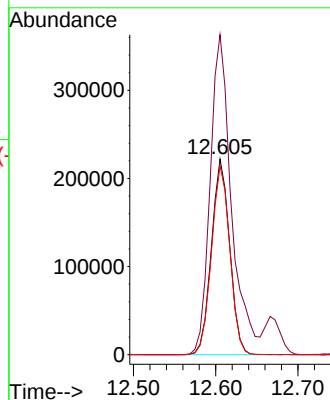
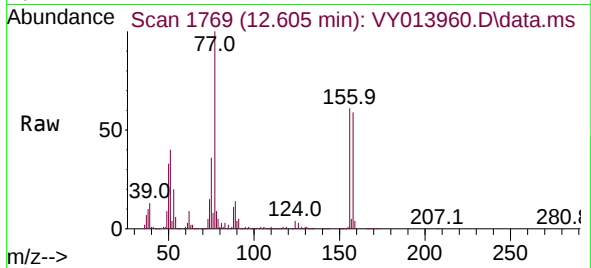




#77
Bromobenzene
Concen: 101.725 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY013960.D
Acq: 01 Jun 2023 12:51

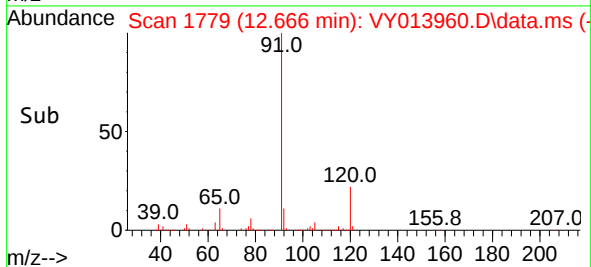
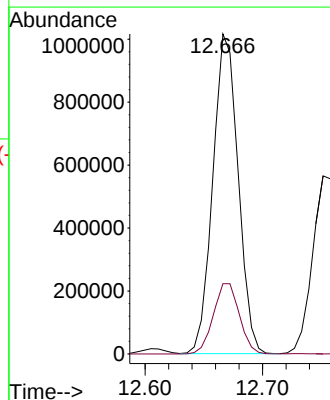
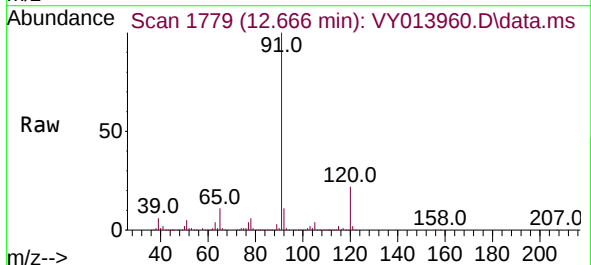
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

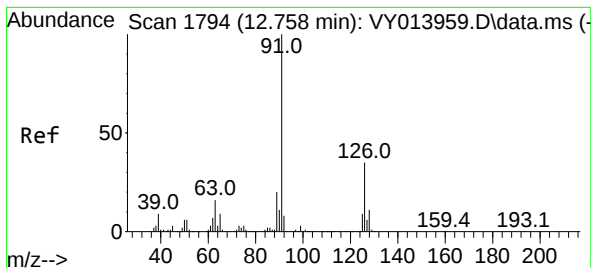
Tgt Ion:156 Resp: 341990
Ion Ratio Lower Upper
156 100
77 191.4 92.8 278.6
158 97.1 48.4 145.3



#78
n-propylbenzene
Concen: 99.733 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VY013960.D
Acq: 01 Jun 2023 12:51

Tgt Ion: 91 Resp: 1520103
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 100.503 ug/l

RT: 12.752 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013960.D

Acq: 01 Jun 2023 12:51

Instrument :

MSVOA_Y

ClientSampleId :

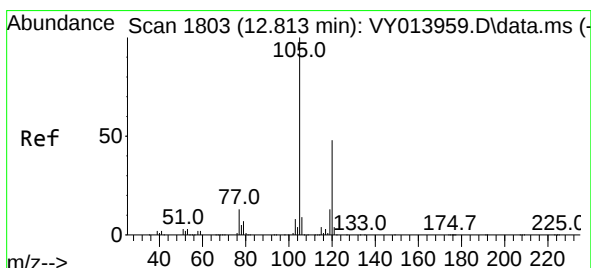
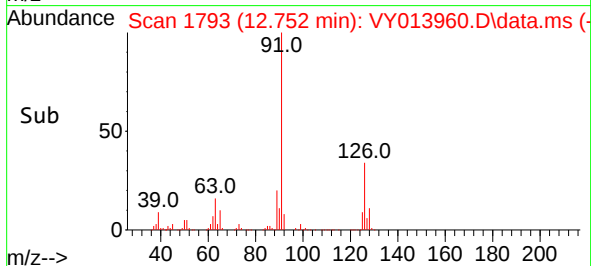
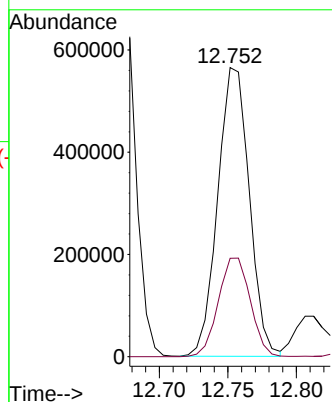
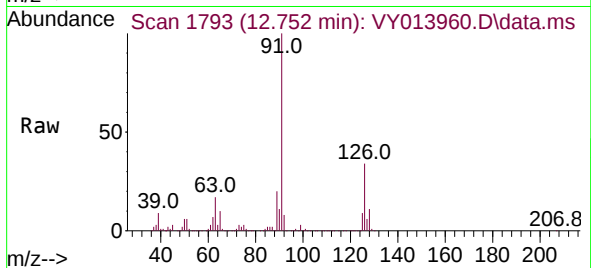
VSTDIC100

Tgt Ion: 91 Resp: 906861

Ion Ratio Lower Upper

91 100

126 34.6 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 100.145 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY013960.D

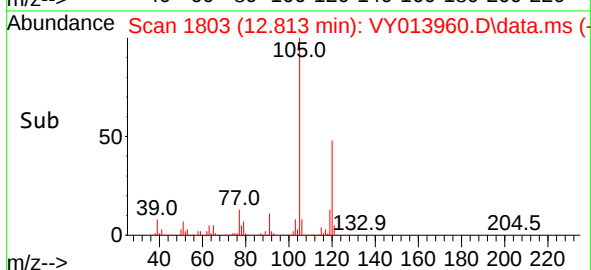
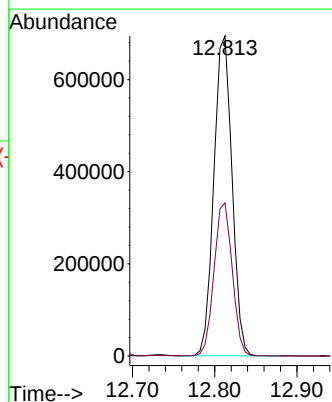
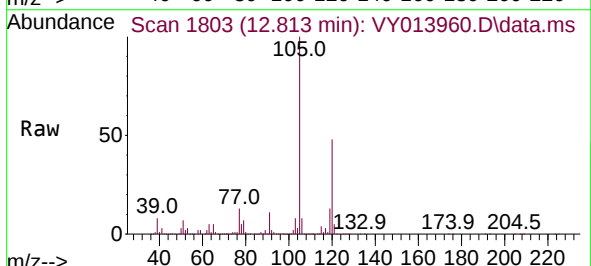
Acq: 01 Jun 2023 12:51

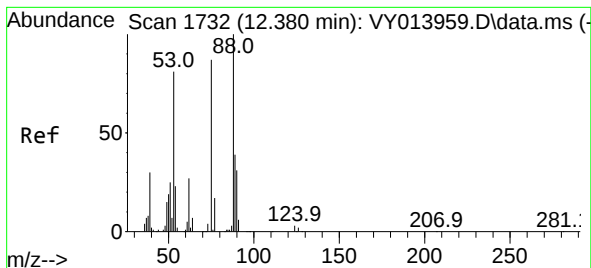
Tgt Ion:105 Resp: 1067432

Ion Ratio Lower Upper

105 100

120 47.9 23.9 71.7

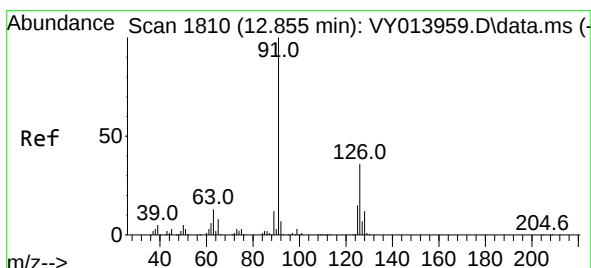
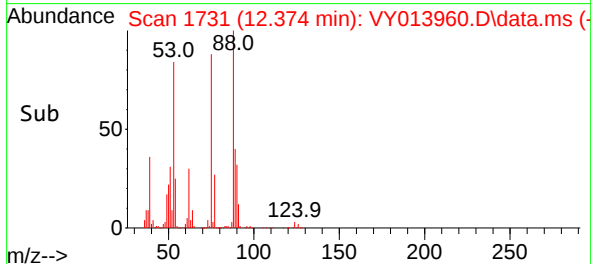
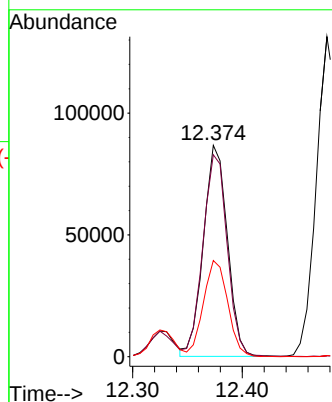
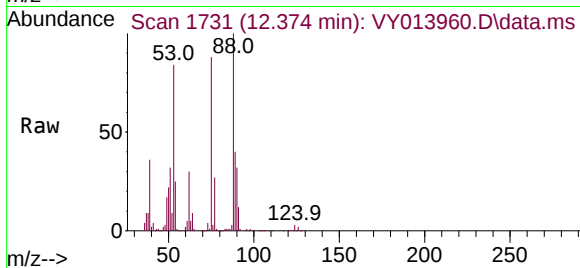




#81
trans-1,4-Dichloro-2-butene
Concen: 110.275 ug/l
RT: 12.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013960.D
Acq: 01 Jun 2023 12:51

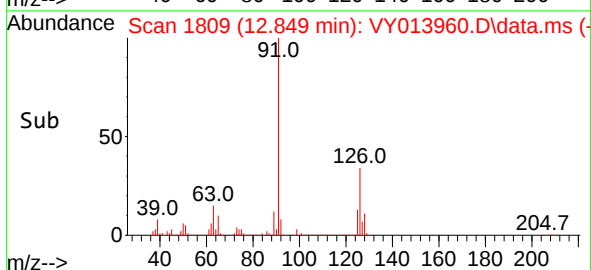
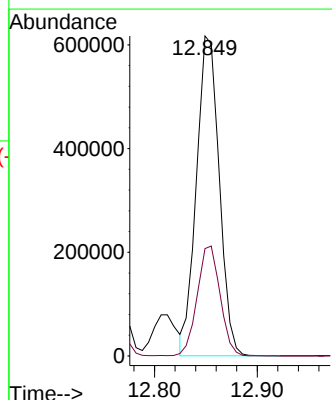
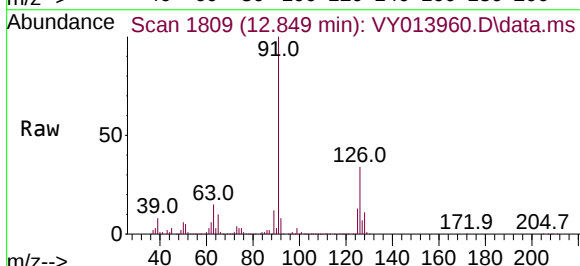
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

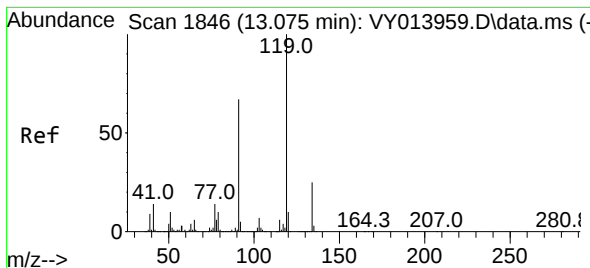
Tgt Ion: 75 Resp: 131796
Ion Ratio Lower Upper
75 100
53 97.4 77.8 116.8
89 46.0 37.4 56.0



#82
4-Chlorotoluene
Concen: 100.543 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY013960.D
Acq: 01 Jun 2023 12:51

Tgt Ion: 91 Resp: 954132
Ion Ratio Lower Upper
91 100
126 34.6 17.2 51.6





#83

tert-Butylbenzene

Concen: 99.622 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY013960.D

Acq: 01 Jun 2023 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

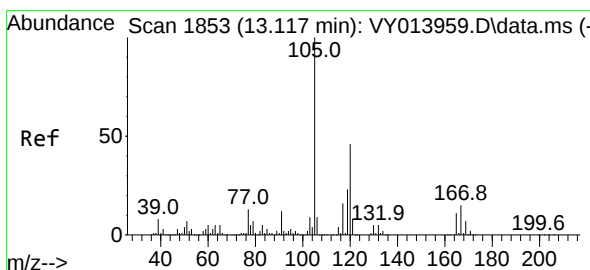
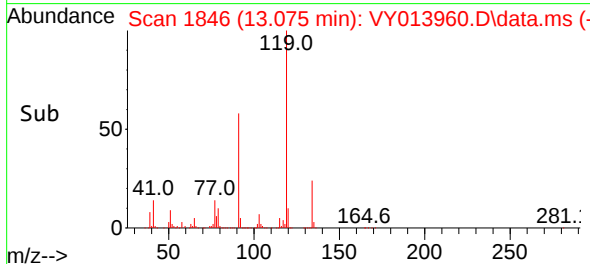
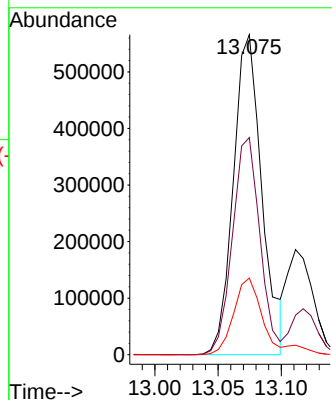
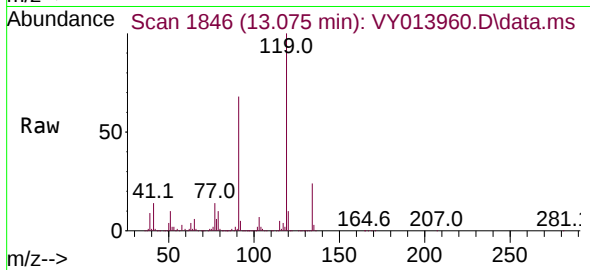
Tgt Ion:119 Resp: 889203

Ion Ratio Lower Upper

119 100

91 65.5 32.9 98.6

134 25.4 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 101.396 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY013960.D

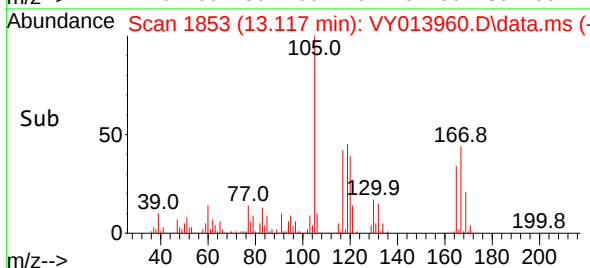
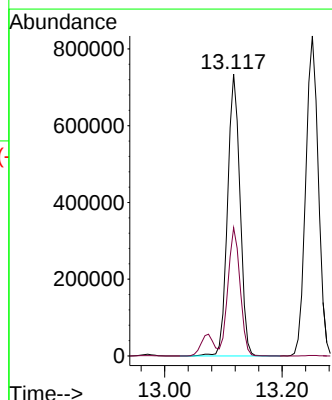
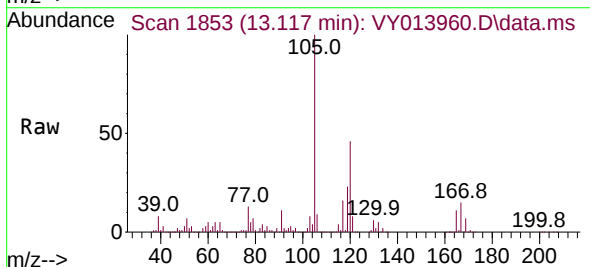
Acq: 01 Jun 2023 12:51

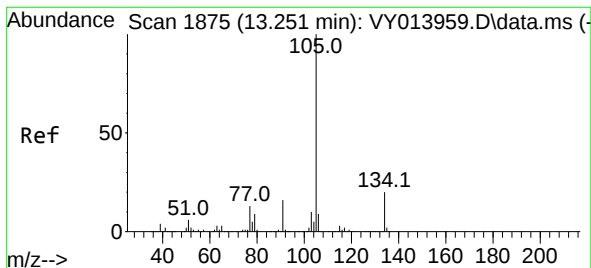
Tgt Ion:105 Resp: 1079481

Ion Ratio Lower Upper

105 100

120 44.2 22.2 66.6





#85

sec-Butylbenzene

Concen: 95.347 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY013960.D

Acq: 01 Jun 2023 12:51

Instrument :

MSVOA_Y

ClientSampleId :

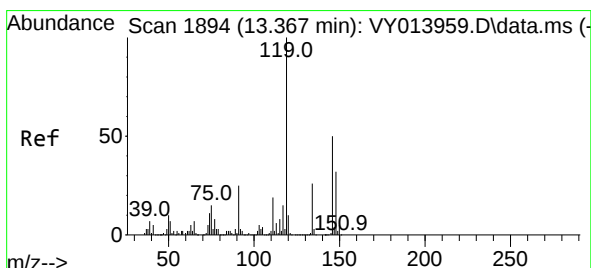
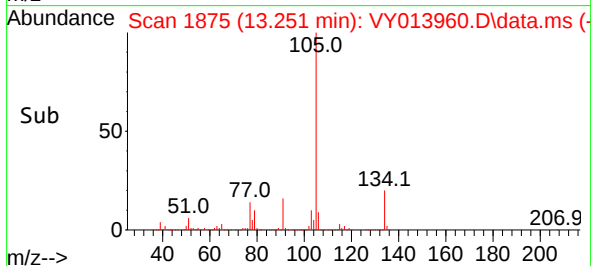
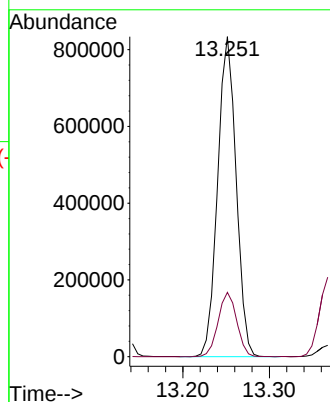
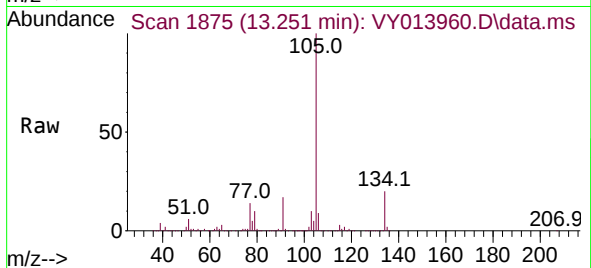
VSTDIC100

Tgt Ion:105 Resp: 1237550

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.6



#86

p-Isopropyltoluene

Concen: 97.108 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY013960.D

Acq: 01 Jun 2023 12:51

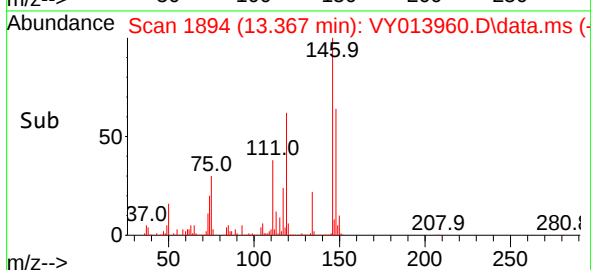
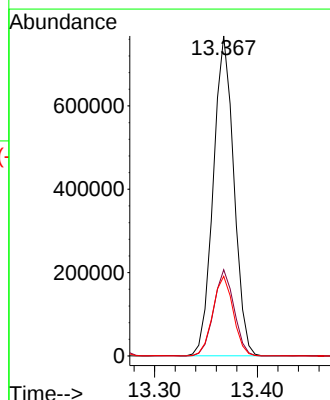
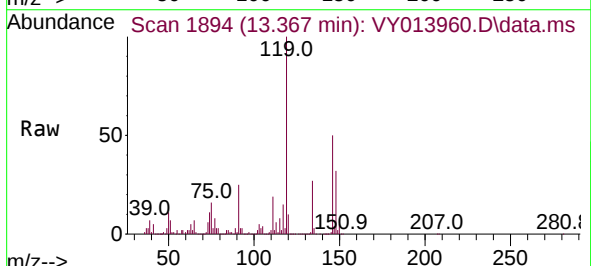
Tgt Ion:119 Resp: 1063926

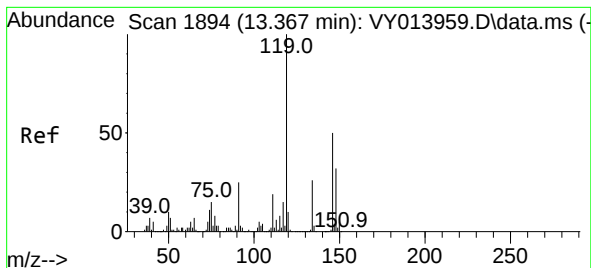
Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

91 24.8 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 98.629 ug/l

RT: 13.361 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013960.D

Acq: 01 Jun 2023 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

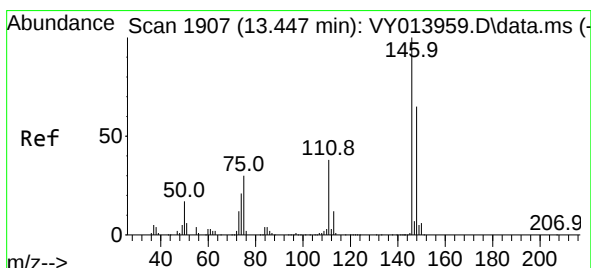
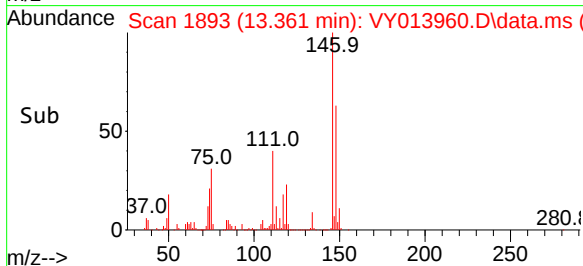
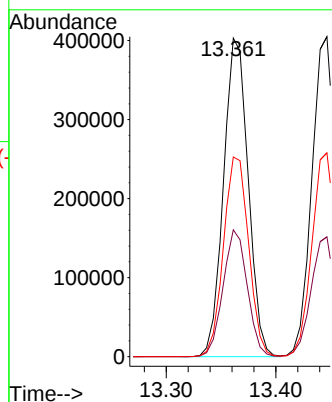
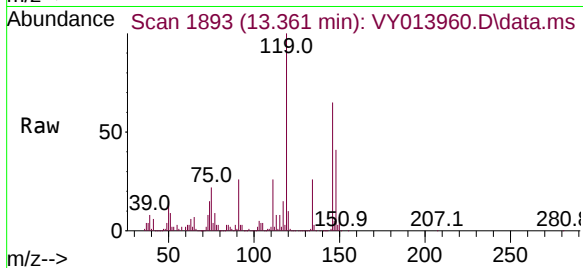
Tgt Ion:146 Resp: 629705

Ion Ratio Lower Upper

146 100

111 39.0 19.4 58.2

148 64.0 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 97.444 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY013960.D

Acq: 01 Jun 2023 12:51

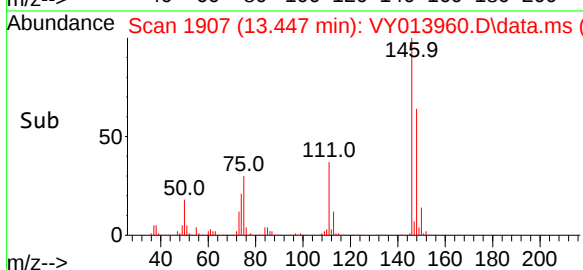
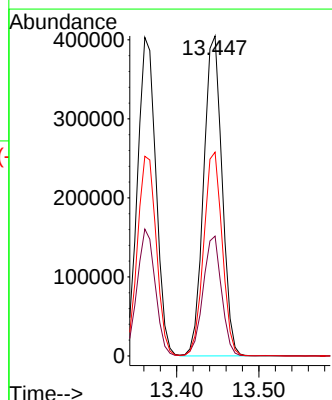
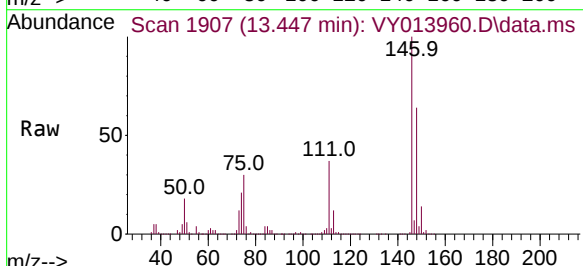
Tgt Ion:146 Resp: 629332

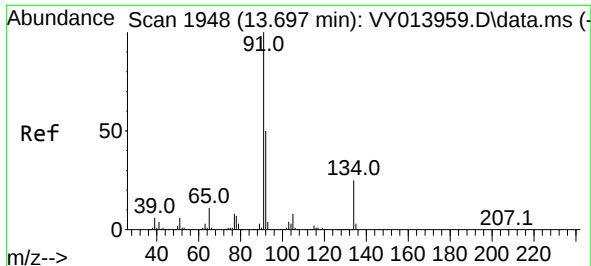
Ion Ratio Lower Upper

146 100

111 37.4 18.9 56.7

148 64.1 32.1 96.5





#89

n-Butylbenzene

Concen: 96.747 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY013960.D

Acq: 01 Jun 2023 12:51

Instrument :

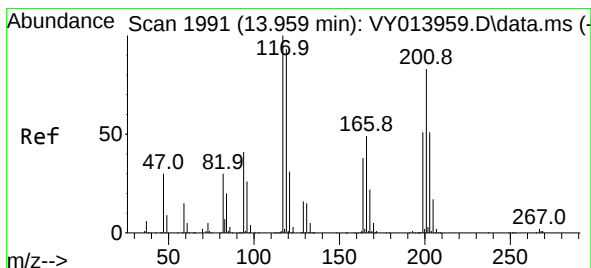
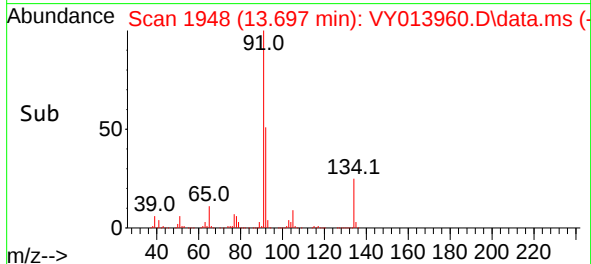
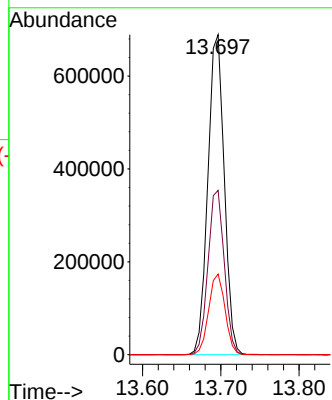
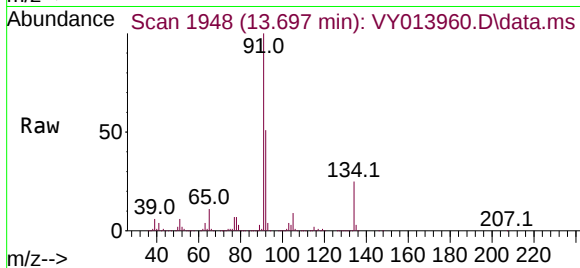
MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 91 Resp: 1000138

Ion	Ratio	Lower	Upper
91	100		
92	51.1	25.4	76.0
134	25.2	12.6	37.6



#90

Hexachloroethane

Concen: 94.595 ug/l

RT: 13.959 min Scan# 1991

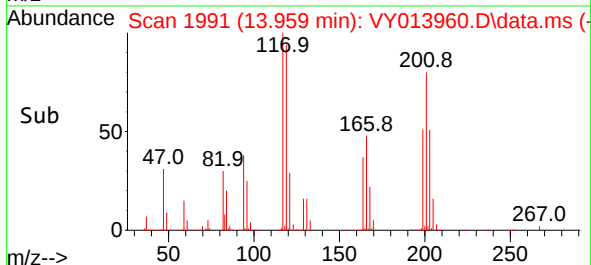
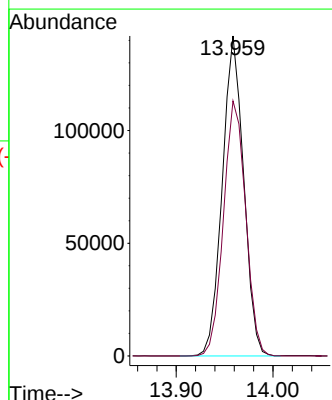
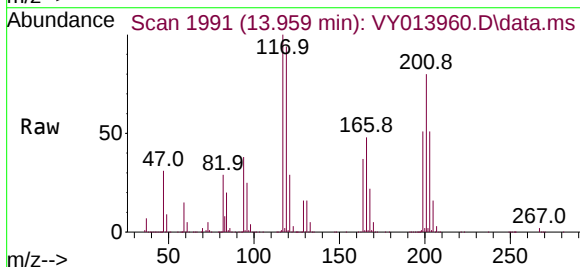
Delta R.T. -0.000 min

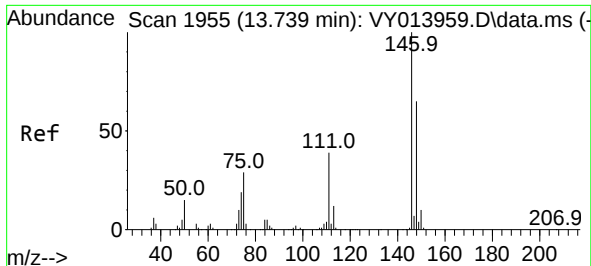
Lab File: VY013960.D

Acq: 01 Jun 2023 12:51

Tgt Ion: 117 Resp: 217515

Ion	Ratio	Lower	Upper
117	100		
201	82.8	41.6	124.8

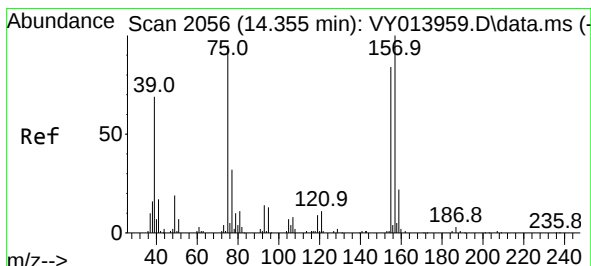
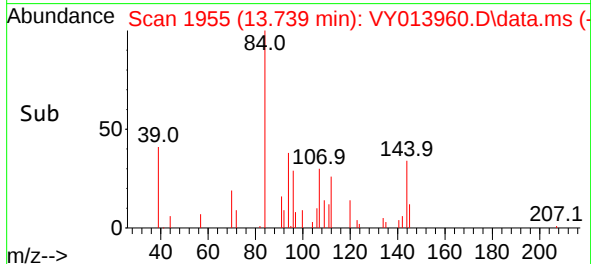
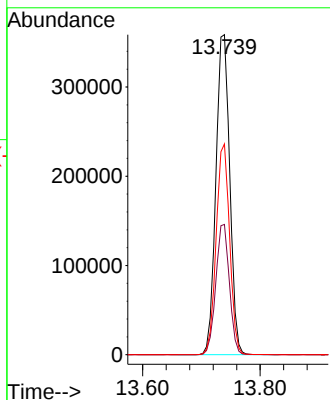
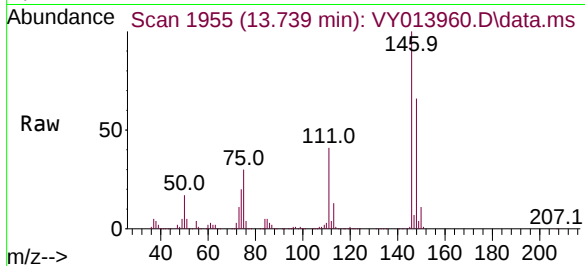




#91
1,2-Dichlorobenzene
Concen: 99.500 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY013960.D
Acq: 01 Jun 2023 12:51

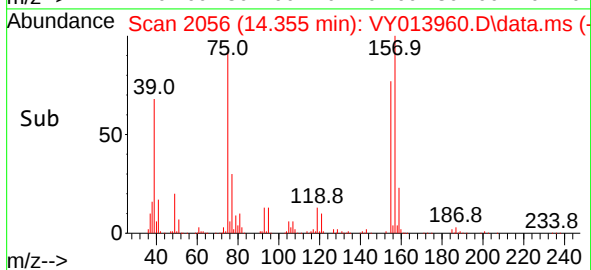
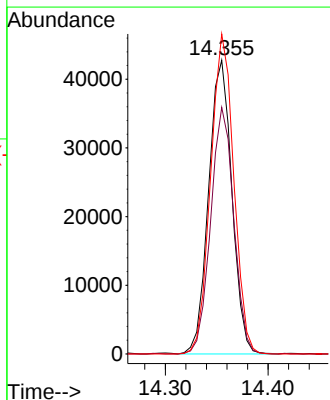
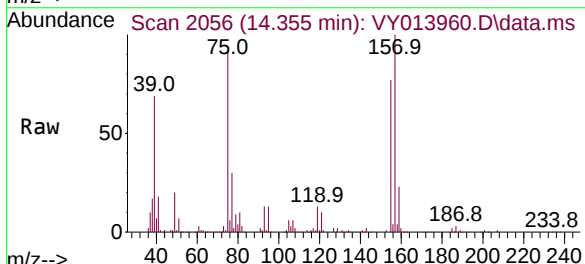
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

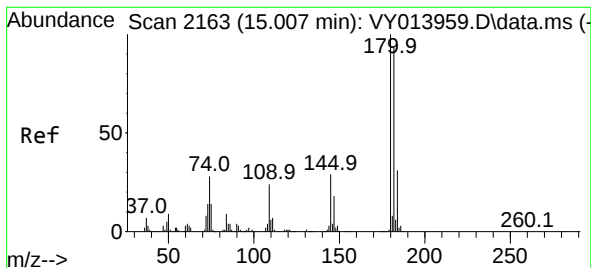
Tgt Ion:146 Resp: 585234
Ion Ratio Lower Upper
146 100
111 40.0 19.7 59.0
148 64.0 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 107.162 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY013960.D
Acq: 01 Jun 2023 12:51

Tgt Ion: 75 Resp: 67180
Ion Ratio Lower Upper
75 100
155 83.1 41.5 124.6
157 108.2 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 101.709 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY013960.D

Acq: 01 Jun 2023 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

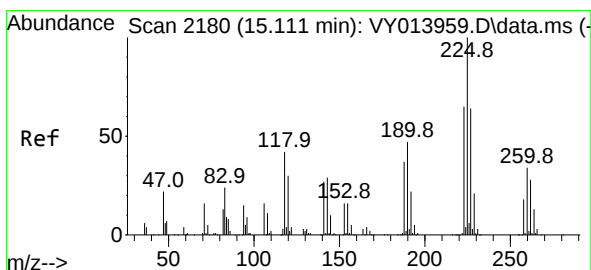
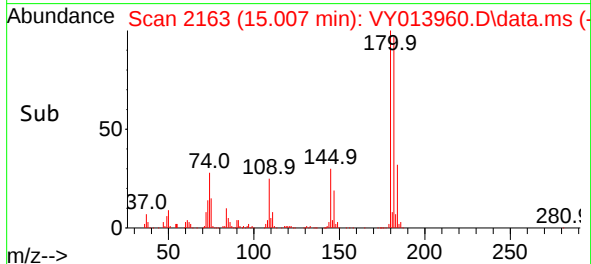
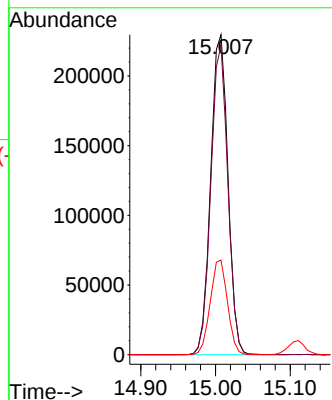
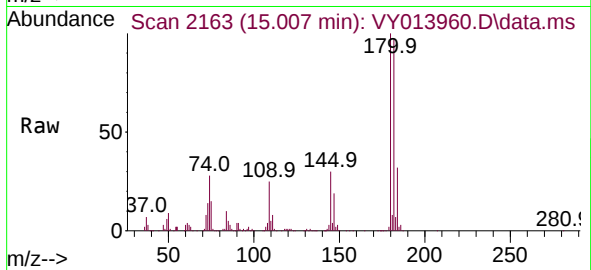
Tgt Ion:180 Resp: 367749

Ion Ratio Lower Upper

180 100

182 95.0 47.0 141.2

145 29.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 87.786 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013960.D

Acq: 01 Jun 2023 12:51

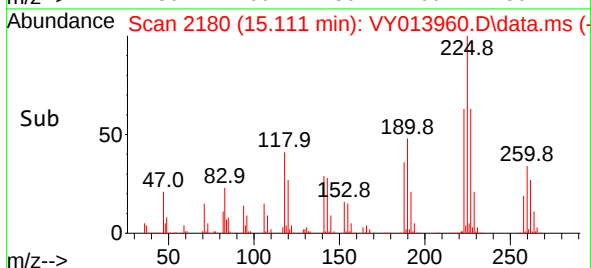
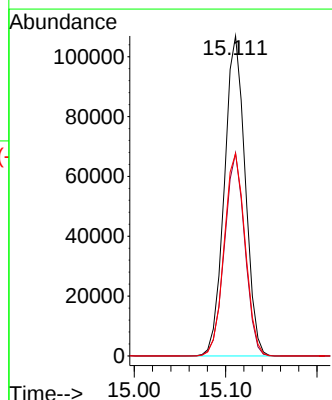
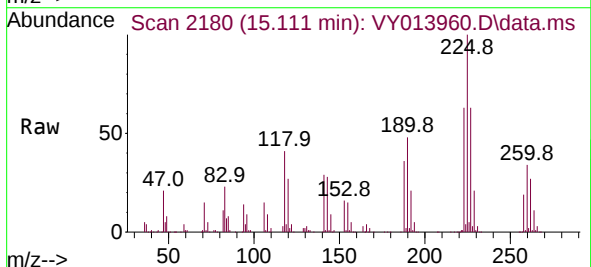
Tgt Ion:225 Resp: 169067

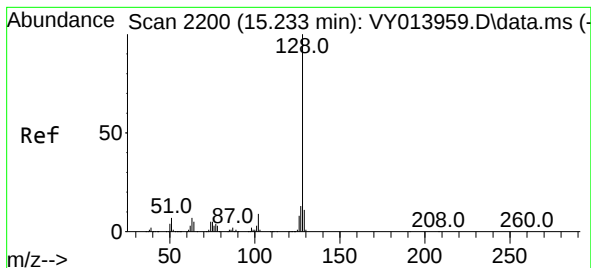
Ion Ratio Lower Upper

225 100

223 62.0 31.9 95.9

227 63.8 33.0 98.9





#95

Naphthalene

Concen: 97.375 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY013960.D

Acq: 01 Jun 2023 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

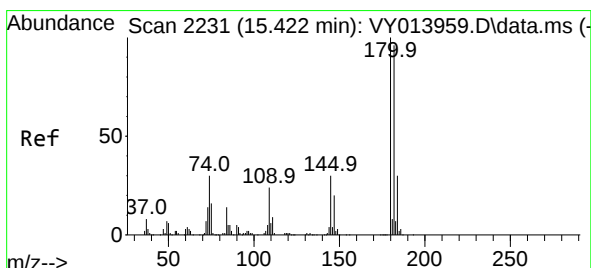
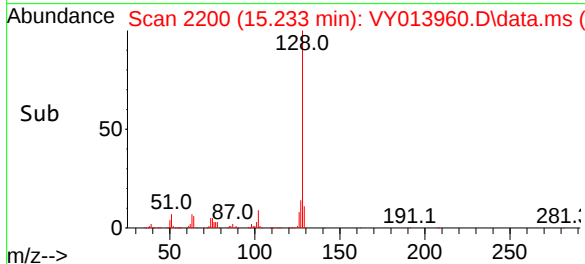
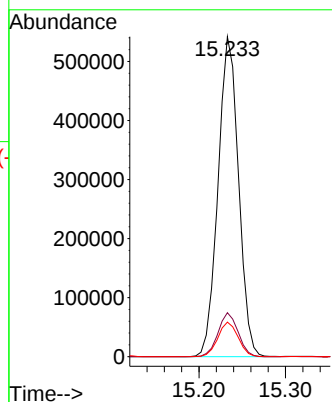
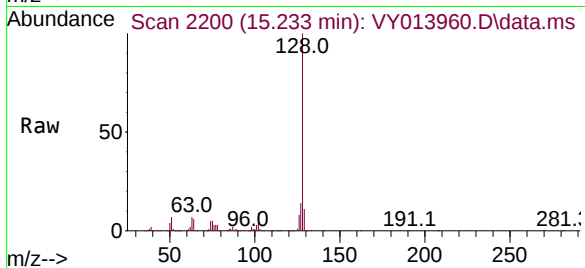
Tgt Ion:128 Resp: 891472

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 102.236 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013960.D

Acq: 01 Jun 2023 12:51

Tgt Ion:180 Resp: 336681

Ion Ratio Lower Upper

180 100

182 95.7 47.3 141.8

145 31.5 15.4 46.2

