

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060123\
 Data File : VY013958.D
 Acq On : 01 Jun 2023 11:50
 Operator : KP/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Jun 02 06:46:39 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	269850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	417293	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	381127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	189097	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	68073	19.056	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	38.120%#
35) Dibromofluoromethane	7.716	113	53000	19.985	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	39.980%#
50) Toluene-d8	10.179	98	203791	20.146	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	40.300%#
62) 4-Bromofluorobenzene	12.477	95	68449	19.848	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	39.700%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	52155	21.966	ug/l	99
3) Chloromethane	2.113	50	65662	19.967	ug/l	98
4) Vinyl Chloride	2.247	62	62374	20.474	ug/l	96
5) Bromomethane	2.650	94	54003	20.358	ug/l	98
6) Chloroethane	2.790	64	44516	20.418	ug/l	99
7) Trichlorofluoromethane	3.119	101	102745	21.334	ug/l	99
8) Diethyl Ether	3.528	74	34595	18.323	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.893	101	52957	21.406	ug/l	98
10) Methyl Iodide	4.095	142	64584	18.942	ug/l	99
11) Tert butyl alcohol	4.924	59	56676	77.199	ug/l #	89
12) 1,1-Dichloroethene	3.869	96	52880	20.386	ug/l	90
13) Acrolein	3.729	56	35964	106.972	ug/l	96
14) Allyl chloride	4.472	41	96037	19.078	ug/l	99
15) Acrylonitrile	5.161	53	98596	94.106	ug/l	100
16) Acetone	3.954	43	103929	85.037	ug/l	98
17) Carbon Disulfide	4.192	76	178570	20.358	ug/l	99
18) Methyl Acetate	4.479	43	82334	18.646	ug/l	100
19) Methyl tert-butyl Ether	5.216	73	155902	18.577	ug/l	95
20) Methylene Chloride	4.710	84	66478	17.515	ug/l	95
21) trans-1,2-Dichloroethene	5.210	96	58352	19.860	ug/l	97
22) Diisopropyl ether	6.112	45	186915	19.155	ug/l	99
23) Vinyl Acetate	6.058	43	572948	93.614	ug/l	99
24) 1,1-Dichloroethane	6.015	63	106578	19.568	ug/l	99
25) 2-Butanone	6.990	43	133831	87.899	ug/l	98
26) 2,2-Dichloropropane	6.978	77	97182	19.661	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	63106	18.760	ug/l	99
28) Bromochloromethane	7.332	49	52286	20.327	ug/l	98
29) Tetrahydrofuran	7.344	42	89488	94.515	ug/l	99
30) Chloroform	7.502	83	110102	19.253	ug/l	99
31) Cyclohexane	7.783	56	89006	20.692	ug/l	95
32) 1,1,1-Trichloroethane	7.697	97	97572	20.115	ug/l	99
36) 1,1-Dichloropropene	7.911	75	79518	21.047	ug/l	98
37) Ethyl Acetate	7.076	43	64226	19.498	ug/l	99
38) Carbon Tetrachloride	7.893	117	90571	21.393	ug/l	98
39) Methylcyclohexane	9.179	83	88263	21.883	ug/l	94
40) Benzene	8.155	78	234515	20.121	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	86122	56.567	ug/l #	17
42) 1,2-Dichloroethane	8.234	62	83458	19.528	ug/l	100
43) Isopropyl Acetate	8.271	43	106272	19.160	ug/l	99
44) Trichloroethene	8.935	130	62197	20.378	ug/l	100
45) 1,2-Dichloropropane	9.209	63	60256	20.034	ug/l	98
46) Dibromomethane	9.301	93	37816	19.639	ug/l	99
47) Bromodichloromethane	9.496	83	84170	19.404	ug/l	97
48) Methyl methacrylate	9.289	41	48466	19.198	ug/l	99
49) 1,4-Dioxane	9.313	88	10355	369.791	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	301638	96.283	ug/l	99
52) Toluene	10.240	92	145021	20.311	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	90016	19.319	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	96735	19.445	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	50123	19.745	ug/l	96
56) Ethyl methacrylate	10.508	69	68850	18.890	ug/l	99
57) 1,3-Dichloropropane	10.788	76	85725	19.763	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	112665	80.124	ug/l	98
59) 2-Hexanone	10.831	43	218992	96.536	ug/l	98
60) Dibromochloromethane	10.983	129	62010	19.327	ug/l	99
61) 1,2-Dibromoethane	11.087	107	49137	19.265	ug/l	99
64) Tetrachloroethene	10.715	164	55417	21.224	ug/l	98
65) Chlorobenzene	11.514	112	154481	19.757	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	60653	19.926	ug/l	99
67) Ethyl Benzene	11.587	91	274032	20.248	ug/l	98
68) m/p-Xylenes	11.697	106	212903	41.182	ug/l	98
69) o-Xylene	12.026	106	99646	20.115	ug/l	99
70) Styrene	12.044	104	169425	19.912	ug/l	99
71) Bromoform	12.203	173	44588	19.869	ug/l #	99
73) Isopropylbenzene	12.325	105	258672	20.725	ug/l	100
74) N-amyl acetate	12.142	43	92828	19.385	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	64669	19.825	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	85791	33.648	ug/l #	100
77) Bromobenzene	12.605	156	67063	19.876	ug/l	99
78) n-propylbenzene	12.666	91	322419	21.078	ug/l	100
79) 2-Chlorotoluene	12.751	91	185640	20.500	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	223362	20.880	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	23625	19.696	ug/l	99
82) 4-Chlorotoluene	12.855	91	195078	20.483	ug/l	99
83) tert-Butylbenzene	13.075	119	188002	20.987	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	221083	20.692	ug/l	99
85) sec-Butylbenzene	13.251	105	280063	21.500	ug/l	99
86) p-Isopropyltoluene	13.367	119	234444	21.322	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	128484	20.052	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	129906	20.042	ug/l	98
89) n-Butylbenzene	13.696	91	218991	21.108	ug/l	99
90) Hexachloroethane	13.959	117	47769	20.700	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	119482	20.241	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12618	20.055	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	71883	19.809	ug/l	99
94) Hexachlorobutadiene	15.111	225	41784	21.618	ug/l	99
95) Naphthalene	15.233	128	144974	19.031	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	64579	19.539	ug/l	99

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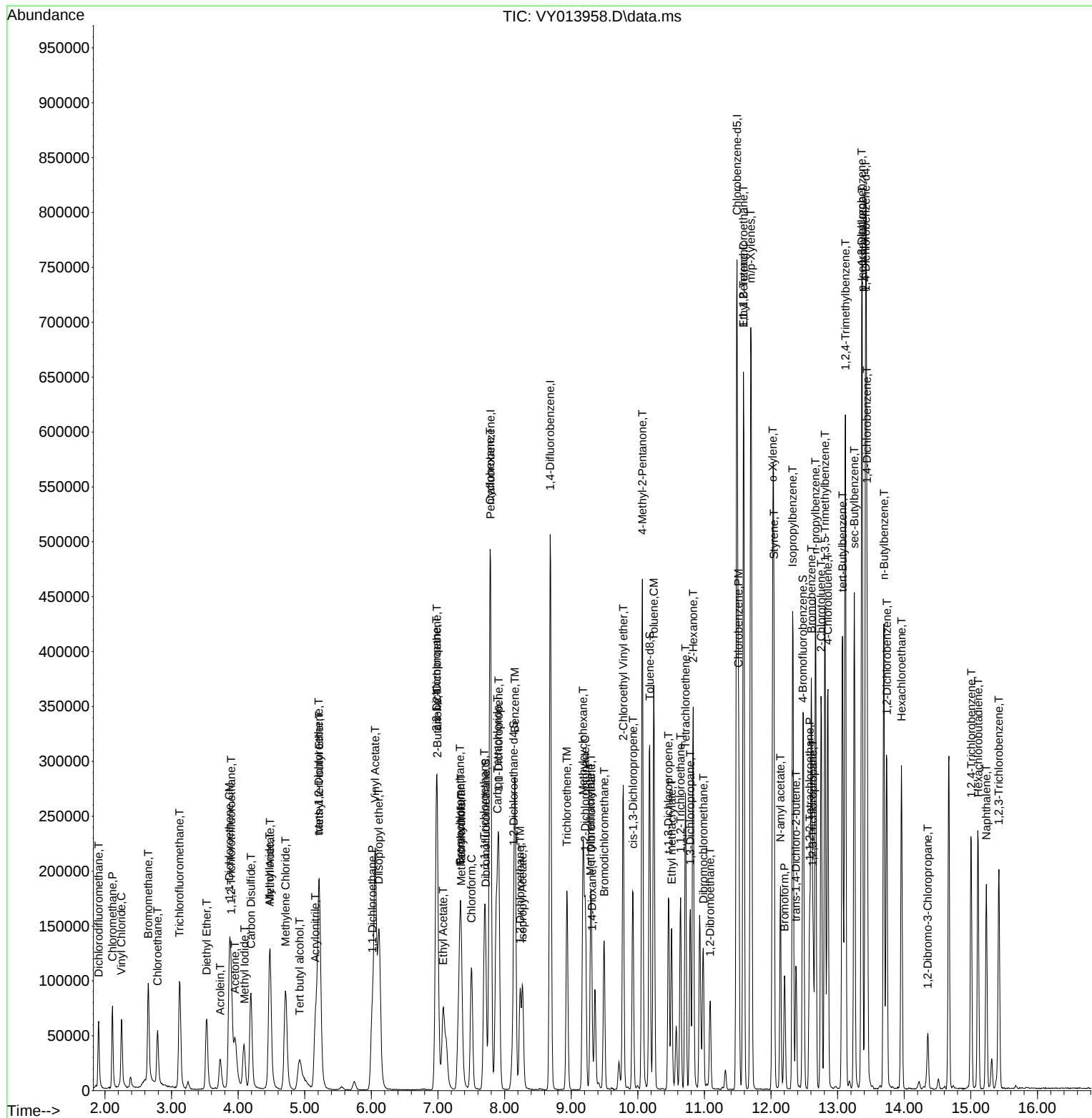
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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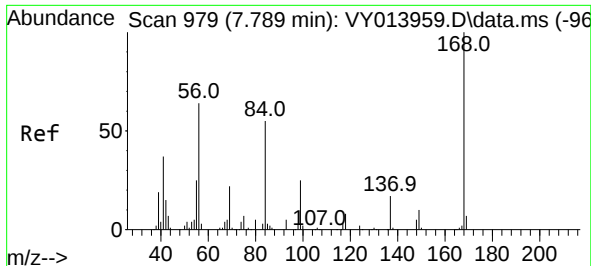
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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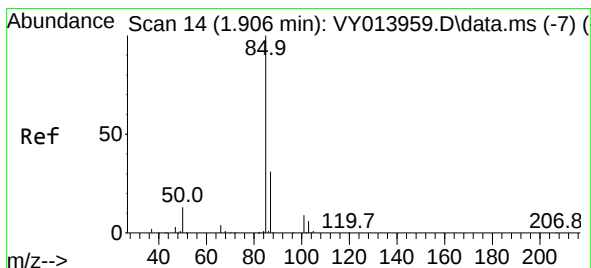
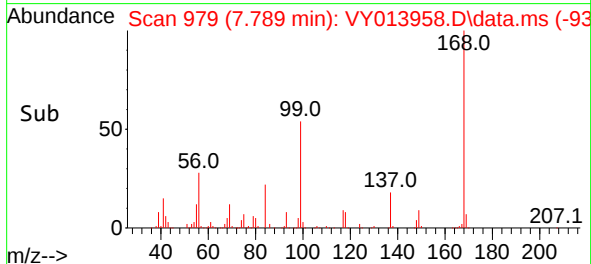
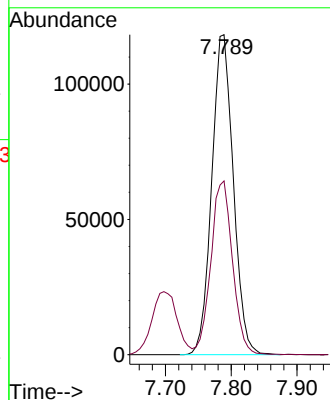
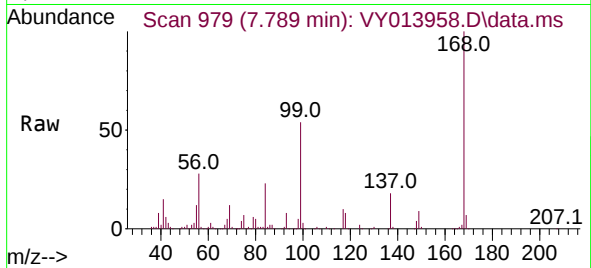




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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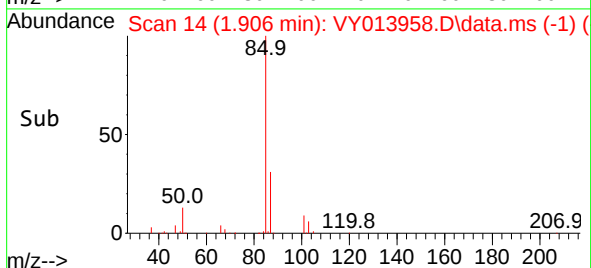
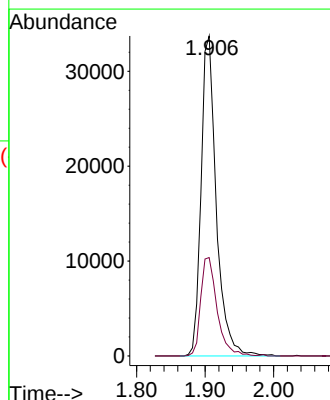
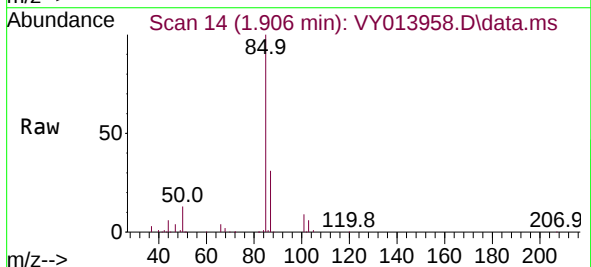
Instrument :
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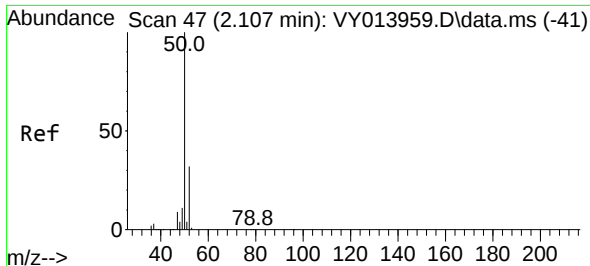
Tgt Ion:168 Resp: 269850
Ion Ratio Lower Upper
168 100
99 54.2 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 21.966 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

Tgt Ion: 85 Resp: 52155
Ion Ratio Lower Upper
85 100
87 30.7 15.6 46.8

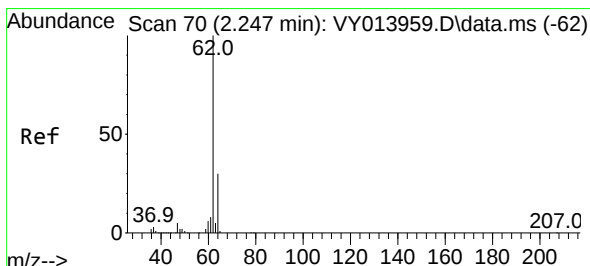
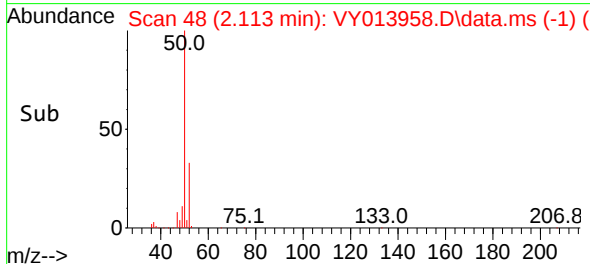
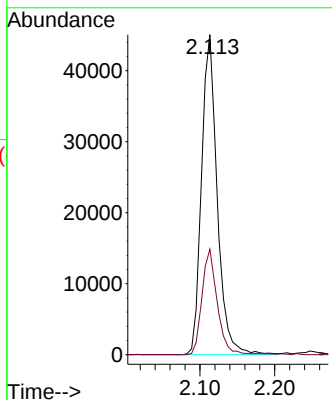
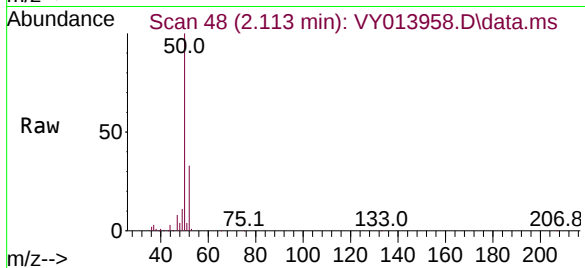




#3
Chloromethane
Concen: 19.967 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

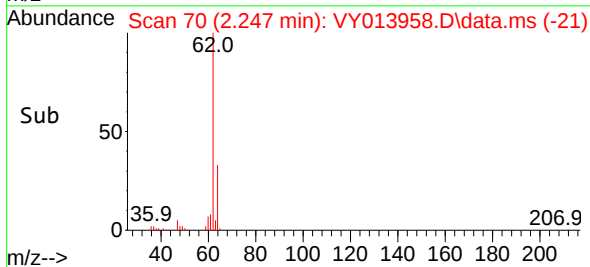
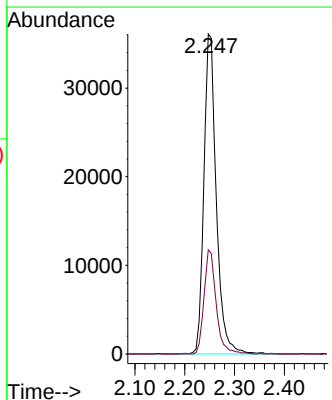
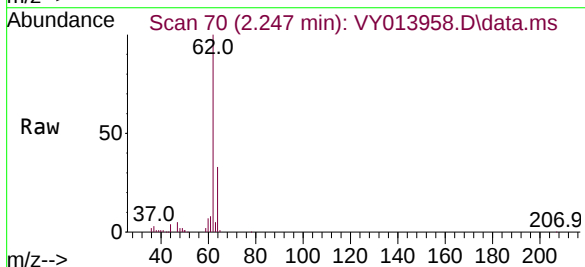
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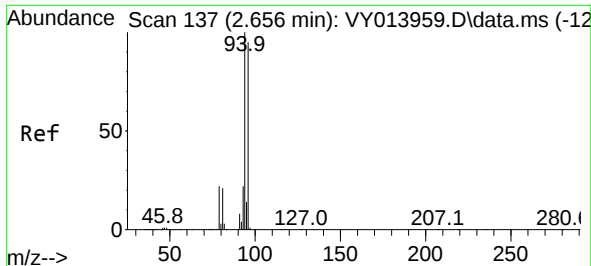
Tgt Ion: 50 Resp: 65662
Ion Ratio Lower Upper
50 100
52 32.9 25.4 38.2



#4
Vinyl Chloride
Concen: 20.474 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

Tgt Ion: 62 Resp: 62374
Ion Ratio Lower Upper
62 100
64 32.5 24.3 36.5

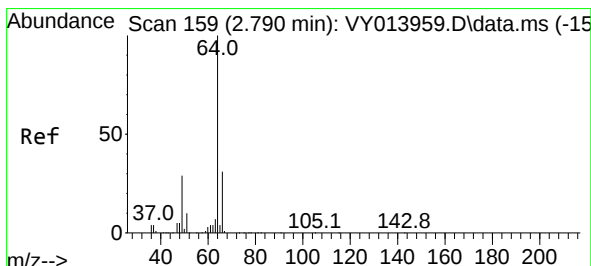
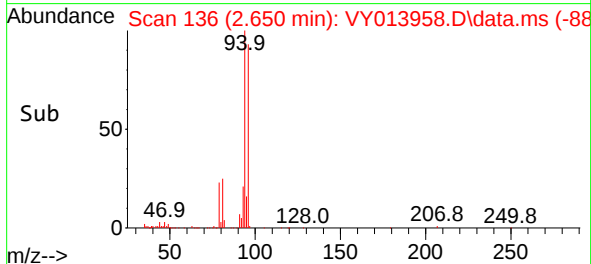
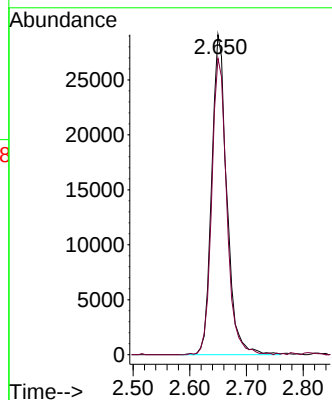
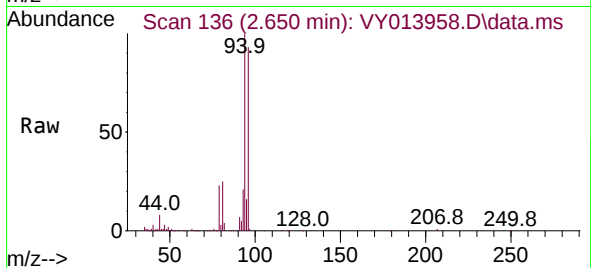




#5
Bromomethane
Concen: 20.358 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
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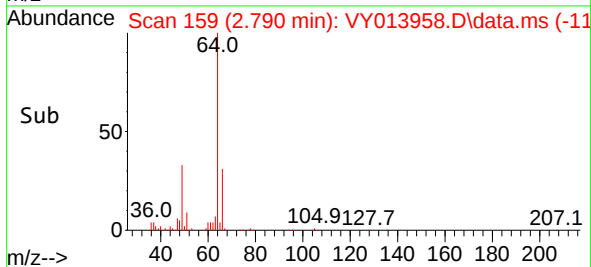
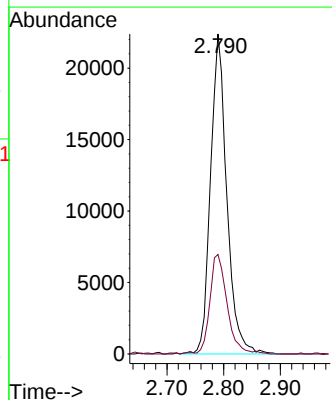
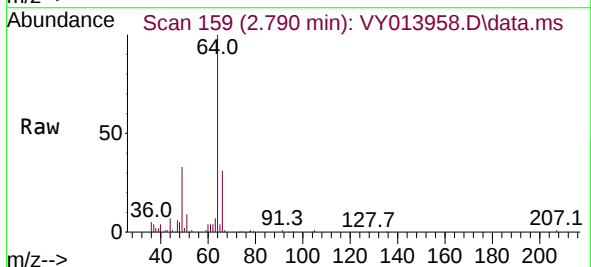
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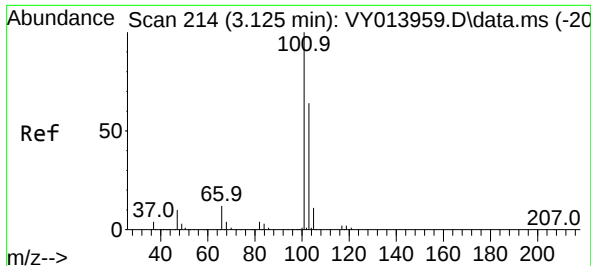
Tgt Ion: 94 Resp: 54003
Ion Ratio Lower Upper
94 100
96 92.6 75.8 113.6



#6
Chloroethane
Concen: 20.418 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 44516
Ion Ratio Lower Upper
64 100
66 31.1 24.4 36.6

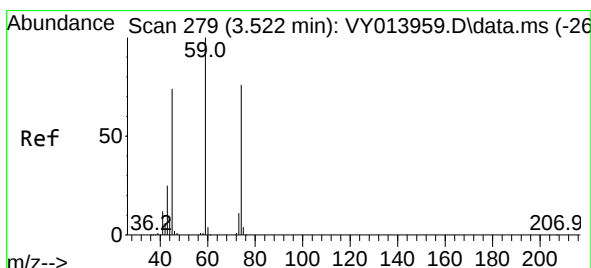
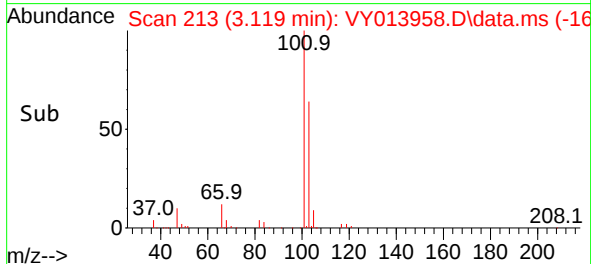
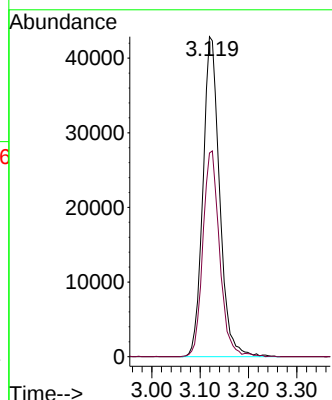
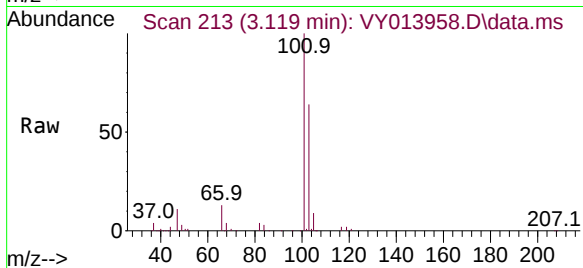




#7
 Trichlorofluoromethane
 Concen: 21.334 ug/l
 RT: 3.119 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY013958.D
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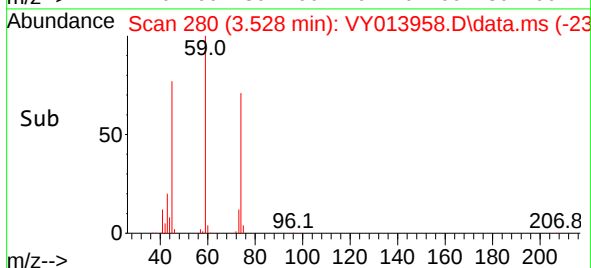
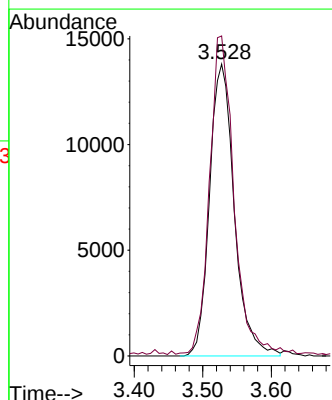
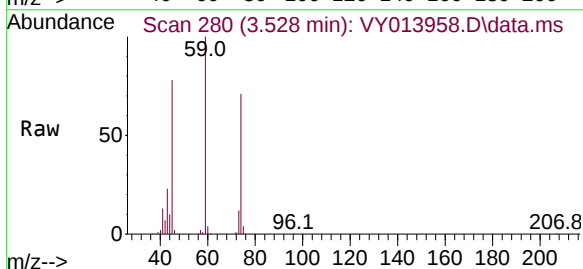
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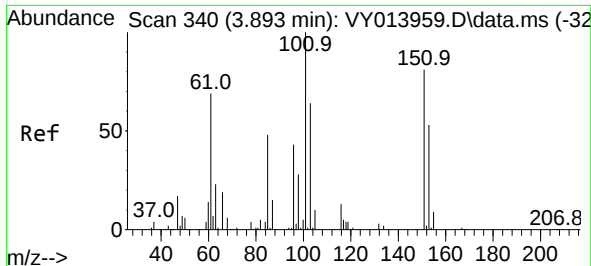
Tgt Ion:101 Resp: 102745
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.4 77.0



#8
 Diethyl Ether
 Concen: 18.323 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 34595
 Ion Ratio Lower Upper
 74 100
 45 106.1 51.5 154.5

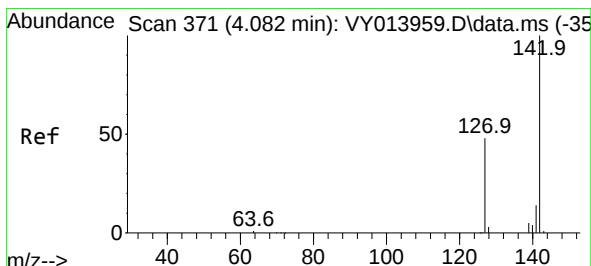
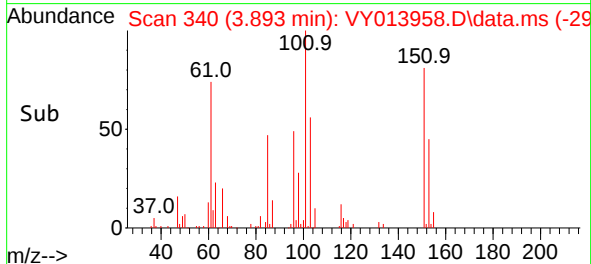
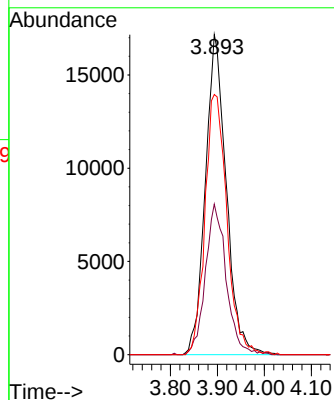
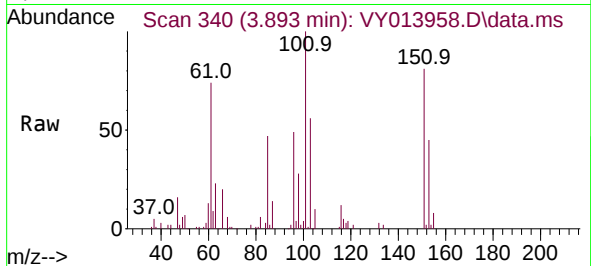




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.406 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

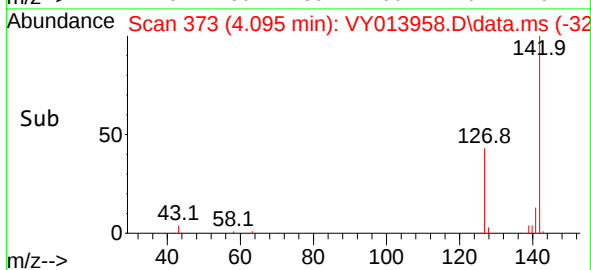
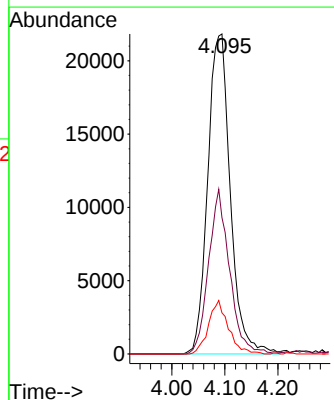
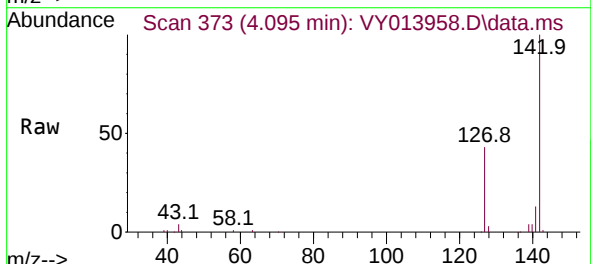
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

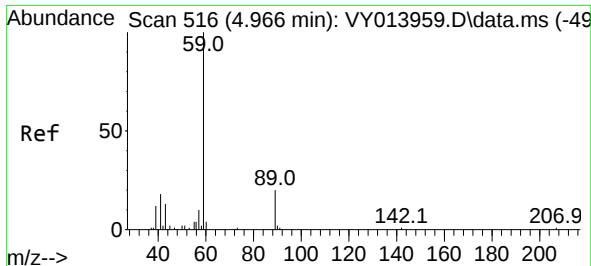
Tgt Ion:101 Resp: 52957
Ion Ratio Lower Upper
101 100
85 47.0 36.6 55.0
151 85.1 67.0 100.6



#10
Methyl Iodide
Concen: 18.942 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.013 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

Tgt Ion:142 Resp: 64584
Ion Ratio Lower Upper
142 100
127 47.7 37.6 56.4
141 14.7 11.8 17.8

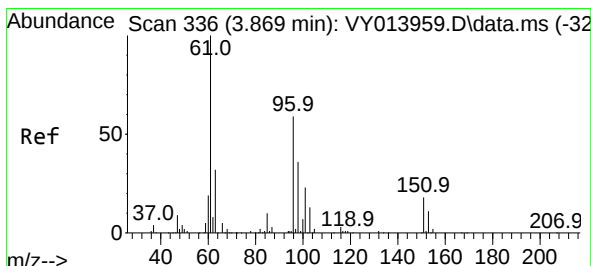
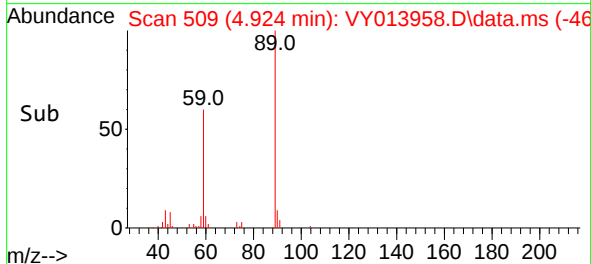
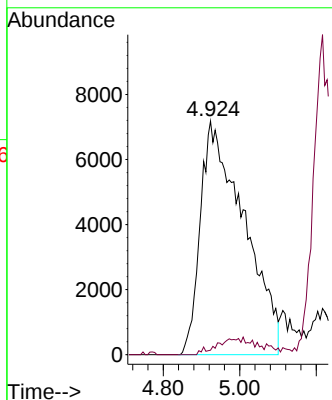
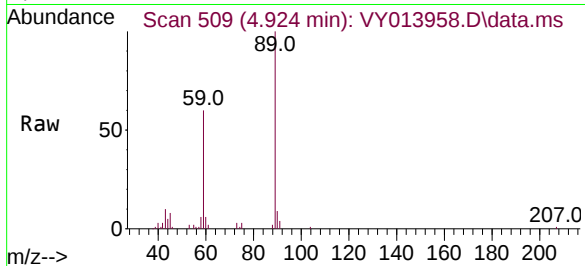




#11
Tert butyl alcohol
Concen: 77.199 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.042 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

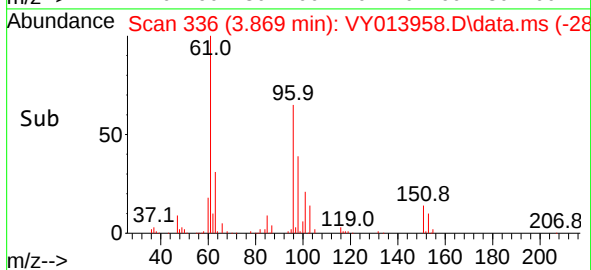
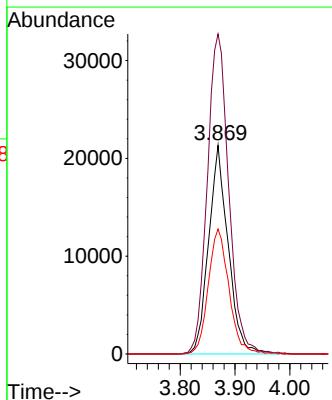
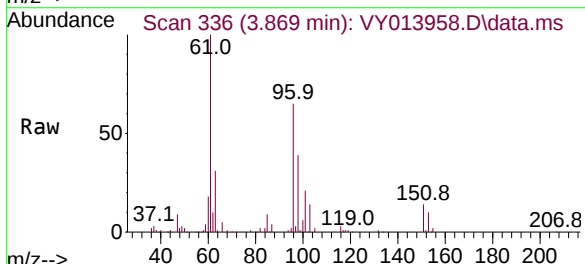
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

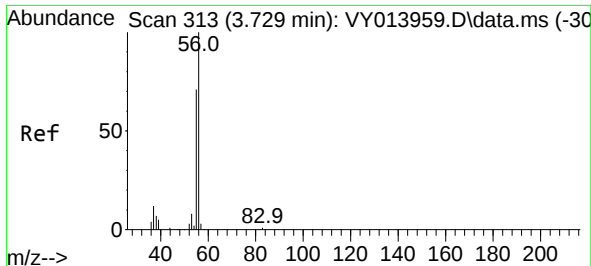
Tgt Ion: 59 Resp: 56676
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 20.386 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

Tgt Ion: 96 Resp: 52880
Ion Ratio Lower Upper
96 100
61 153.4 136.4 204.6
98 59.9 49.4 74.2





#13

Acrolein

Concen: 106.972 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

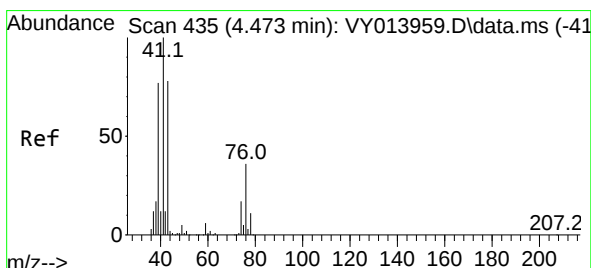
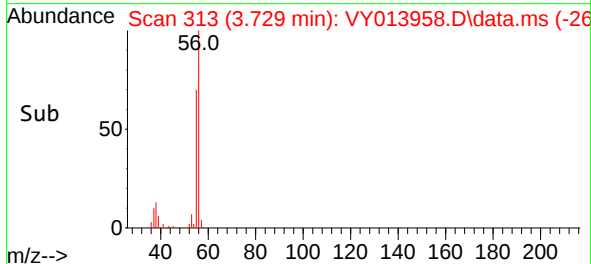
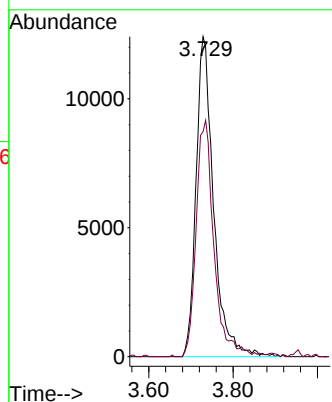
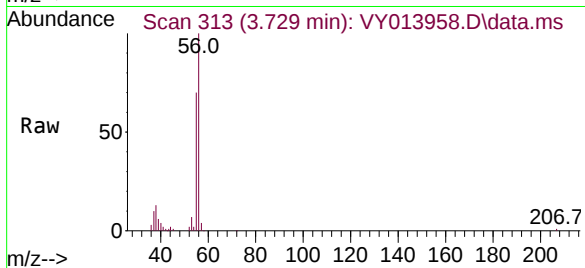
VSTDICC020

Tgt Ion: 56 Resp: 35964

Ion Ratio Lower Upper

56 100

55 74.3 57.0 85.4



#14

Allyl chloride

Concen: 19.078 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.000 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

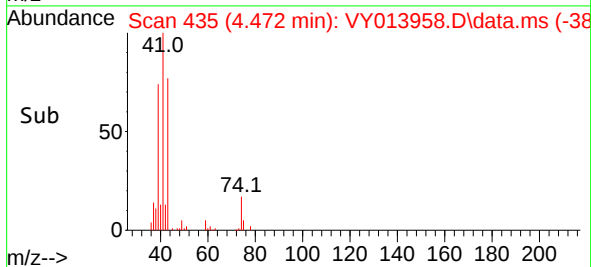
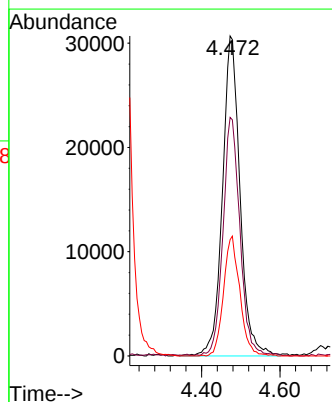
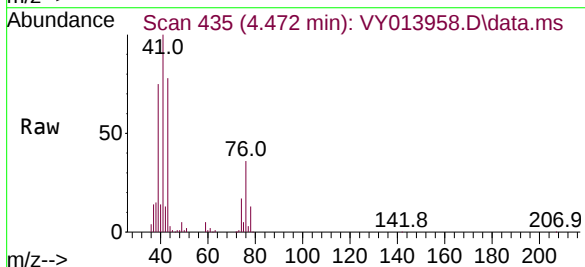
Tgt Ion: 41 Resp: 96037

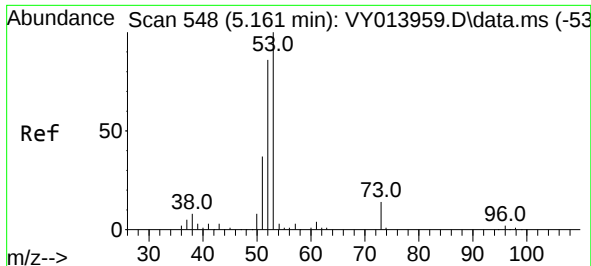
Ion Ratio Lower Upper

41 100

39 71.0 58.0 87.0

76 34.8 27.4 41.2

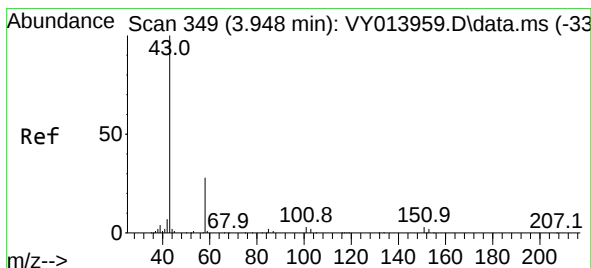
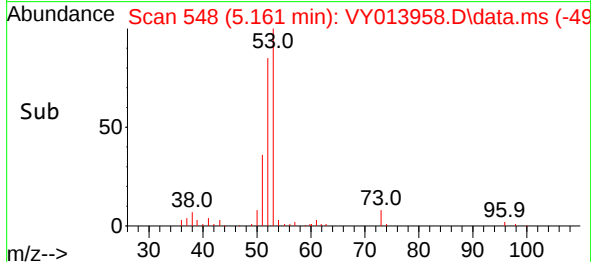
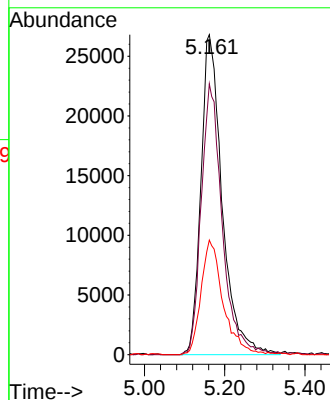
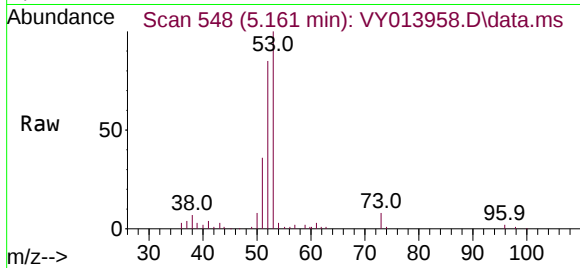




#15
Acrylonitrile
Concen: 94.106 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

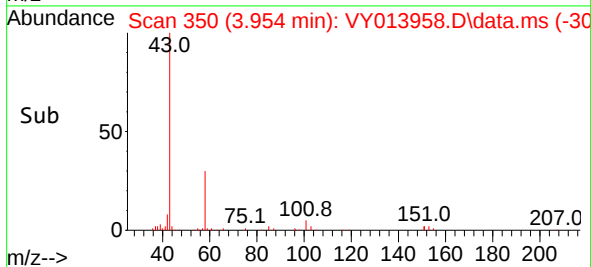
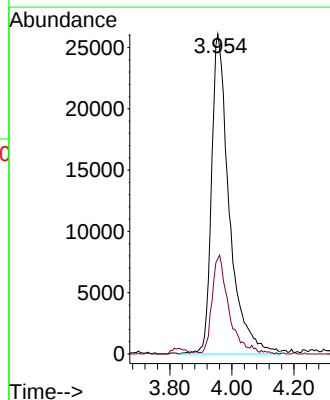
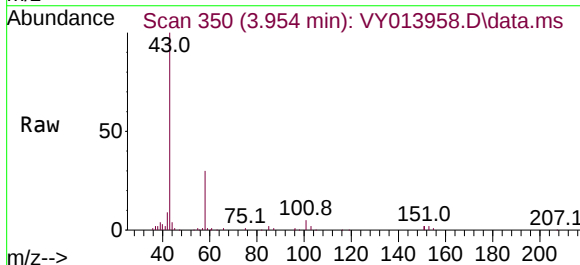
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

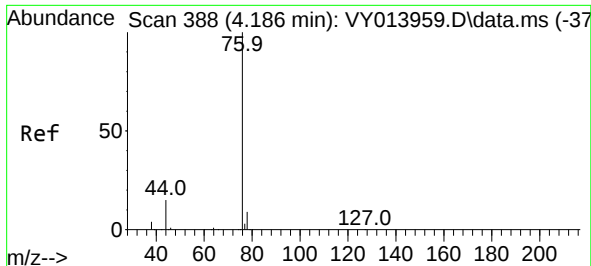
Tgt Ion:	53	Resp:	98596
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.9	100.3
51	37.2	29.8	44.6



#16
Acetone
Concen: 85.037 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

Tgt Ion:	43	Resp:	103929
Ion	Ratio	Lower	Upper
43	100		
58	29.7	22.7	34.1

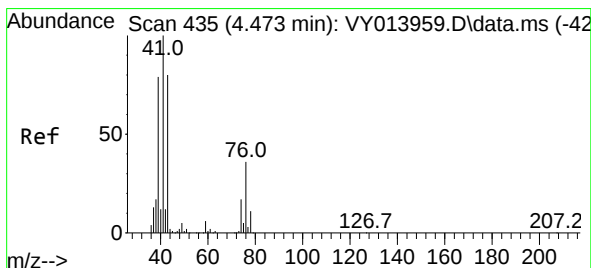
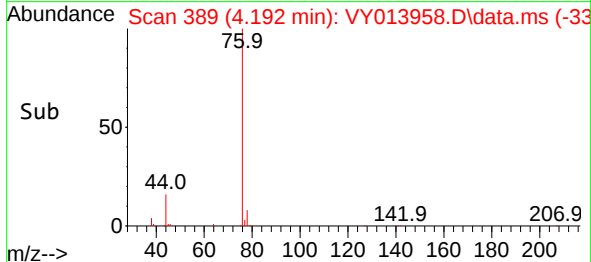
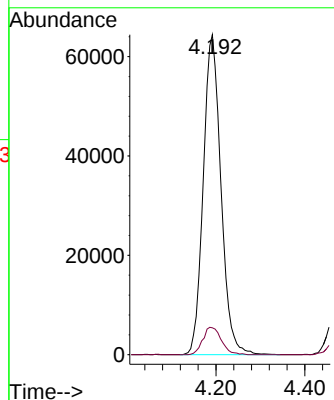
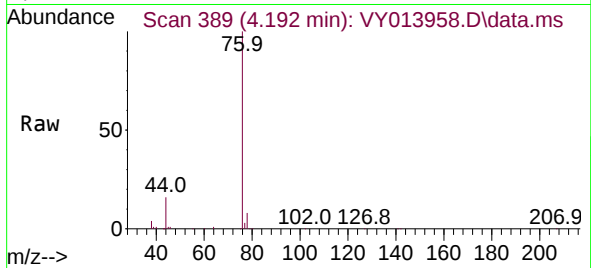




#17
Carbon Disulfide
Concen: 20.358 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

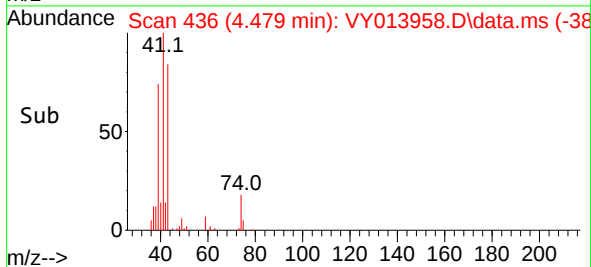
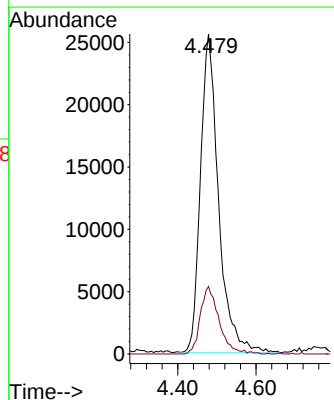
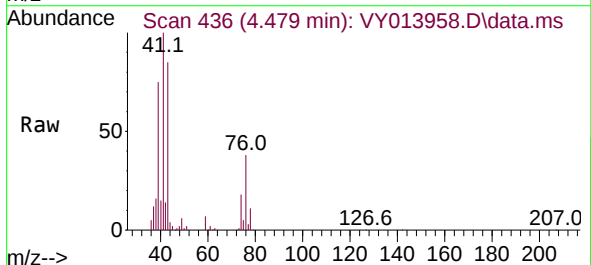
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

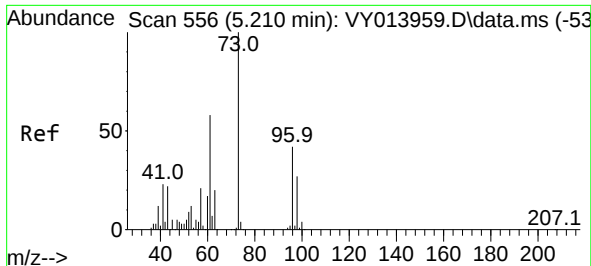
Tgt Ion: 76 Resp: 178570
Ion Ratio Lower Upper
76 100
78 8.4 7.0 10.4



#18
Methyl Acetate
Concen: 18.646 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

Tgt Ion: 43 Resp: 82334
Ion Ratio Lower Upper
43 100
74 21.9 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 18.577 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

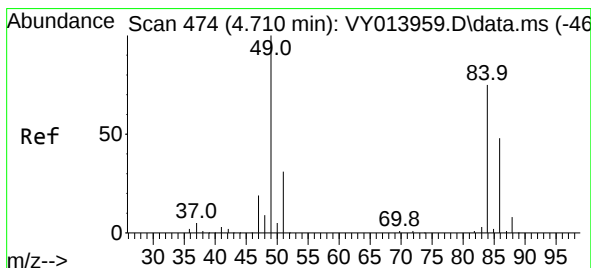
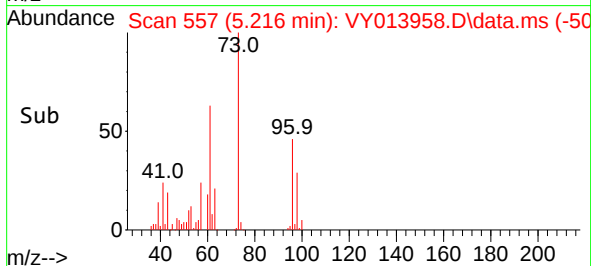
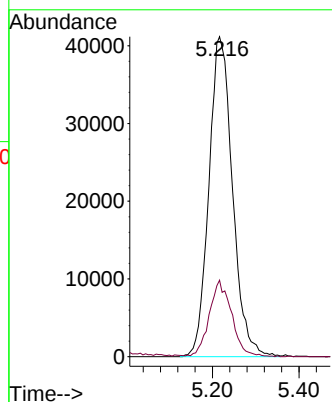
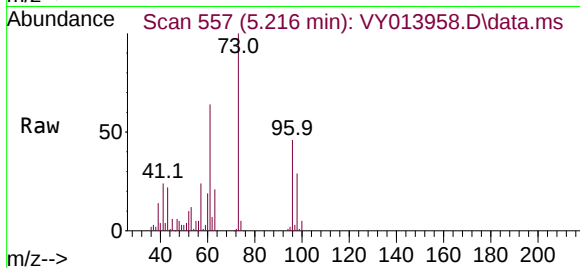
VSTDIC020

Tgt Ion: 73 Resp: 155902

Ion Ratio Lower Upper

73 100

57 23.9 17.3 25.9



#20

Methylene Chloride

Concen: 17.515 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

Tgt Ion: 84 Resp: 66478

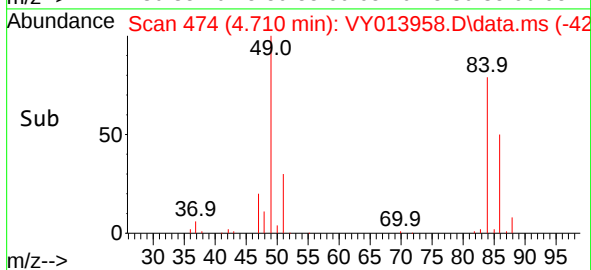
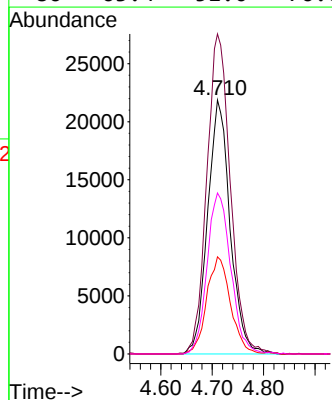
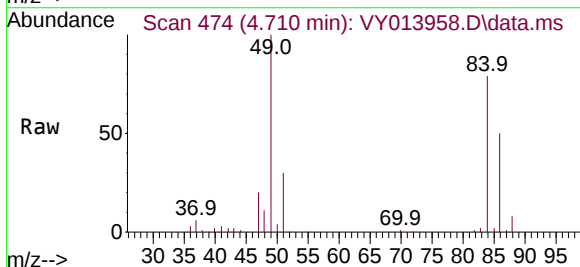
Ion Ratio Lower Upper

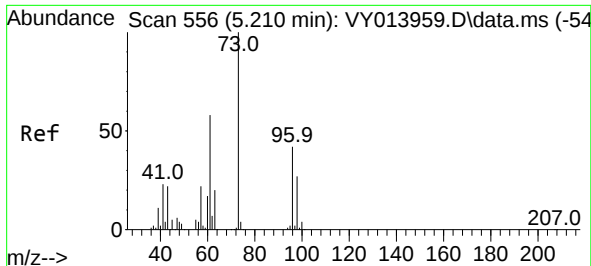
84 100

49 126.1 106.9 160.3

51 38.3 33.2 49.8

86 63.4 51.0 76.6

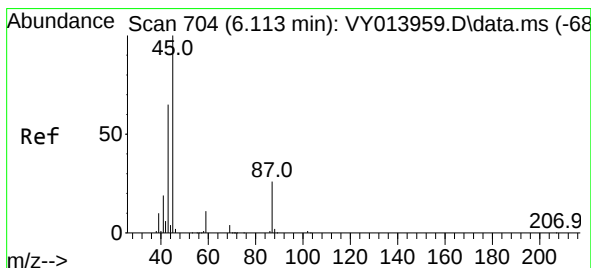
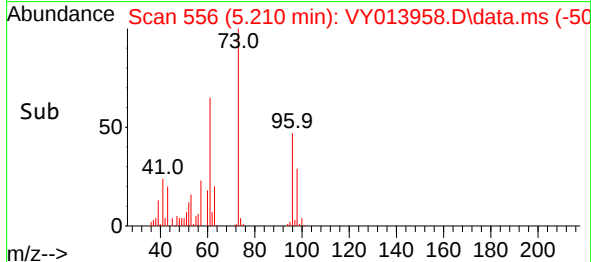
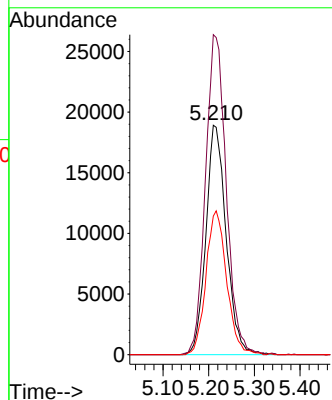
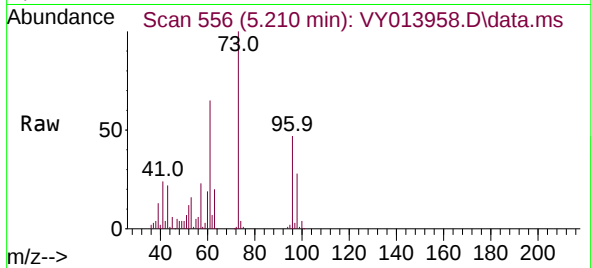




#21
trans-1,2-Dichloroethene
Concen: 19.860 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

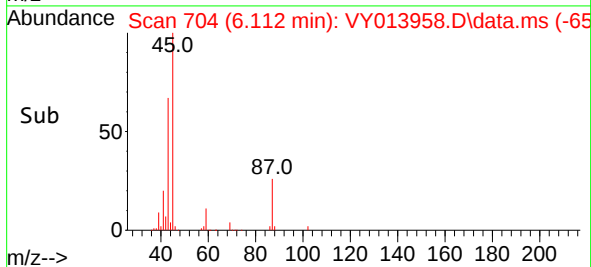
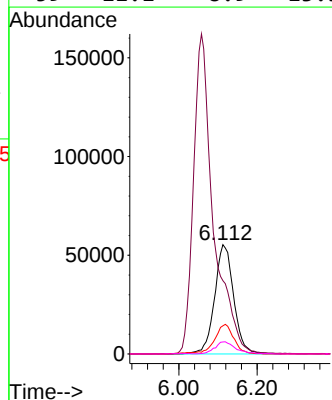
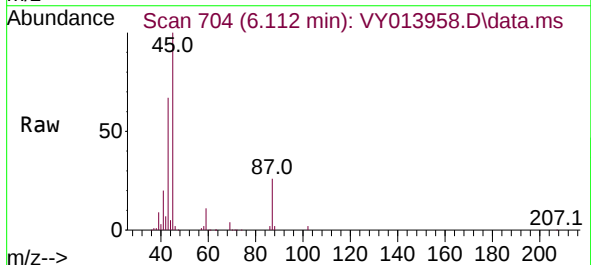
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 96 Resp: 58352
Ion Ratio Lower Upper
96 100
61 139.5 110.2 165.4
98 60.4 51.8 77.6



#22
Diisopropyl ether
Concen: 19.155 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

Tgt Ion: 45 Resp: 186915
Ion Ratio Lower Upper
45 100
43 66.4 52.2 78.4
87 25.8 21.0 31.6
59 11.1 8.9 13.3

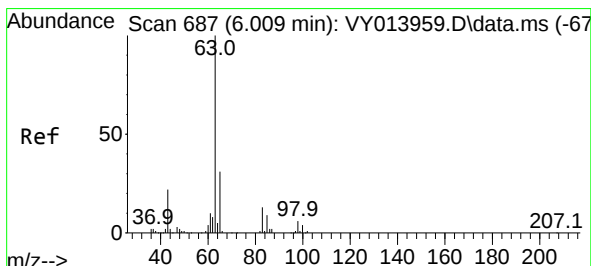
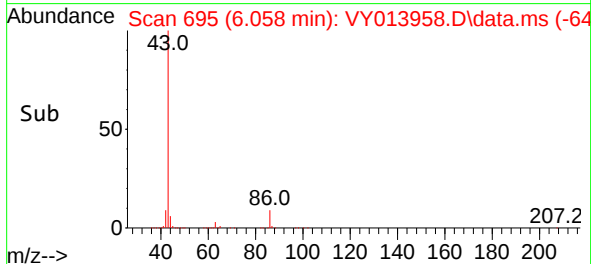
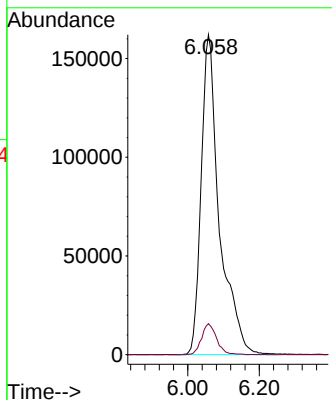
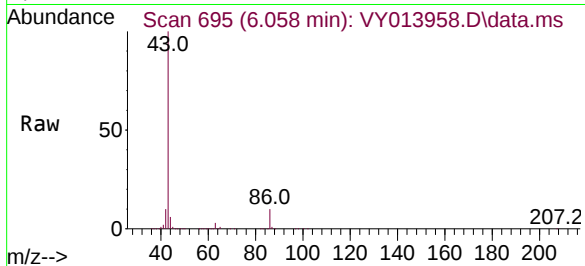




#23
 Vinyl Acetate
 Concen: 93.614 ug/l
 RT: 6.058 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY013958.D
 Acq: 01 Jun 2023 11:50

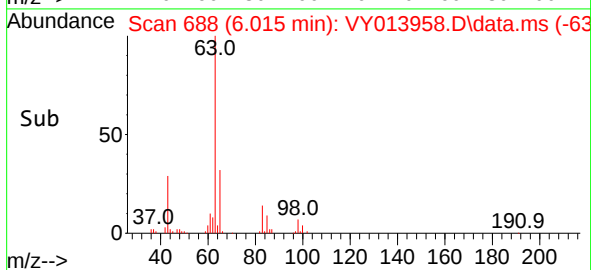
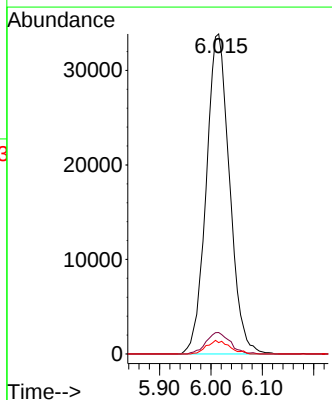
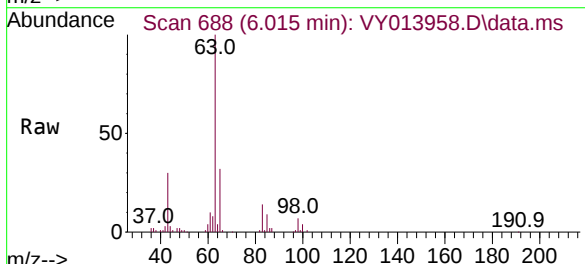
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

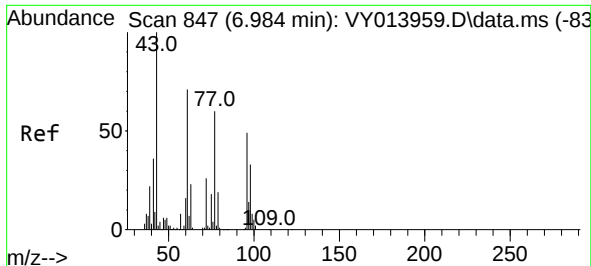
Tgt Ion: 43 Resp: 572948
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 19.568 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY013958.D
 Acq: 01 Jun 2023 11:50

Tgt Ion: 63 Resp: 106578
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.1 9.4
 100 3.5 1.8 5.5





#25

2-Butanone

Concen: 87.899 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

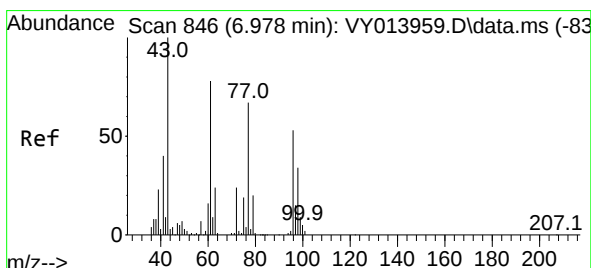
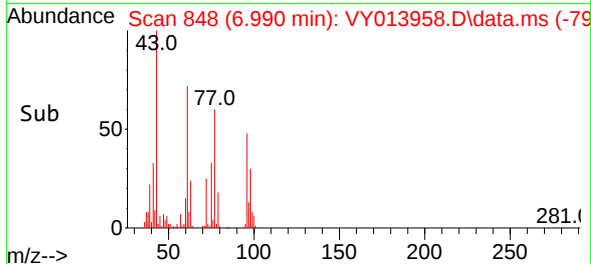
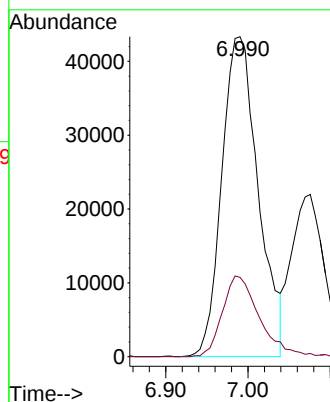
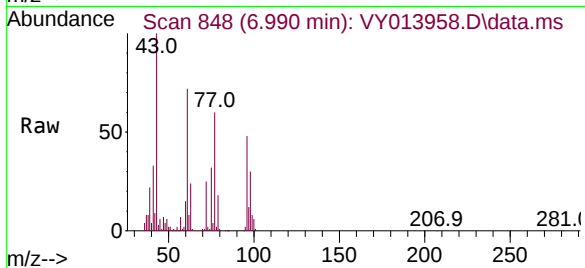
VSTDICC020

Tgt Ion: 43 Resp: 133831

Ion Ratio Lower Upper

43 100

72 24.8 20.5 30.7



#26

2,2-Dichloropropane

Concen: 19.661 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY013958.D

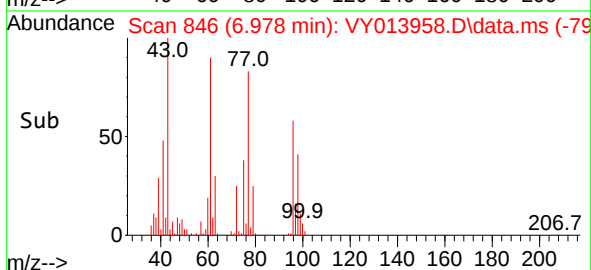
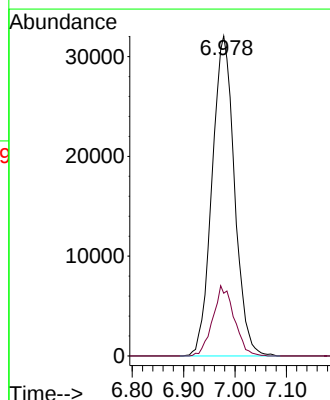
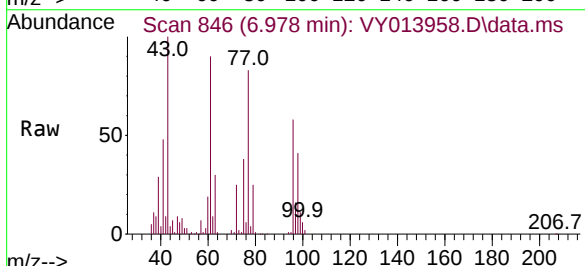
Acq: 01 Jun 2023 11:50

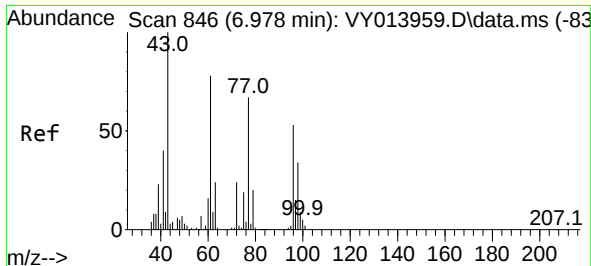
Tgt Ion: 77 Resp: 97182

Ion Ratio Lower Upper

77 100

97 21.0 10.9 32.9

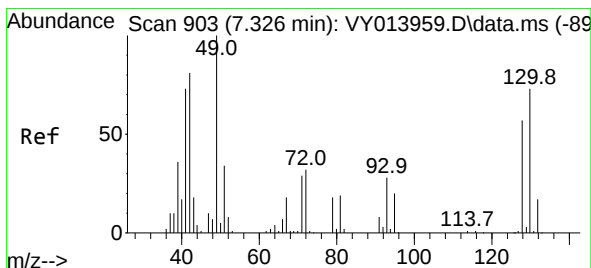
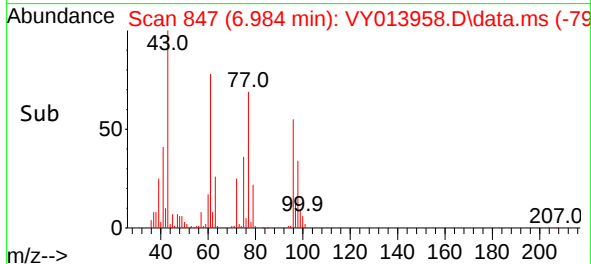
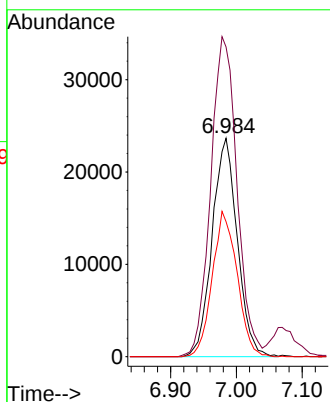
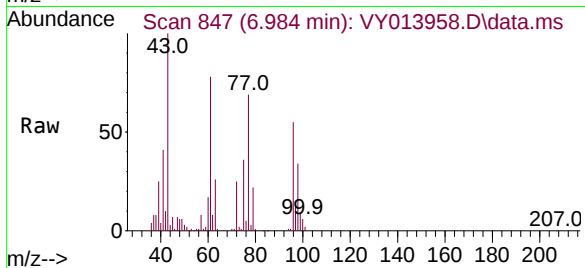




#27
 cis-1,2-Dichloroethene
 Concen: 18.760 ug/l
 RT: 6.984 min Scan# 846
 Delta R.T. 0.006 min
 Lab File: VY013958.D
 Acq: 01 Jun 2023 11:50

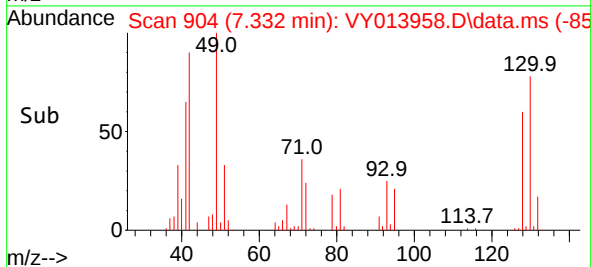
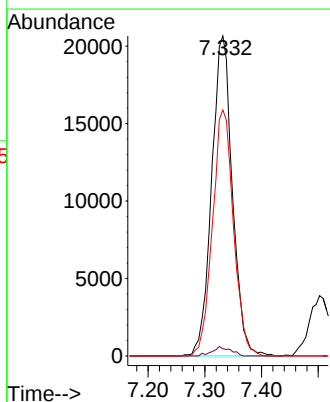
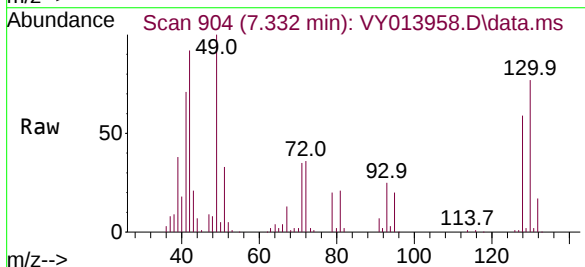
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

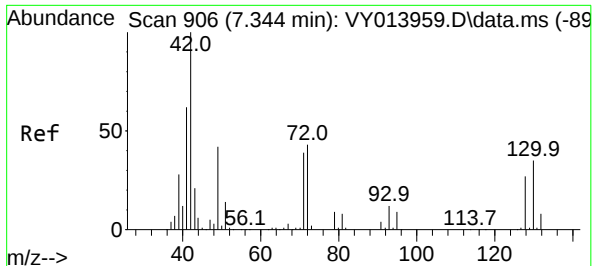
Tgt Ion: 96 Resp: 63106
 Ion Ratio Lower Upper
 96 100
 61 152.9 0.0 301.4
 98 65.6 0.0 130.4



#28
 Bromochloromethane
 Concen: 20.327 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.006 min
 Lab File: VY013958.D
 Acq: 01 Jun 2023 11:50

Tgt Ion: 49 Resp: 52286
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.6
 130 78.0 60.7 91.1





#29

Tetrahydrofuran

Concen: 94.515 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

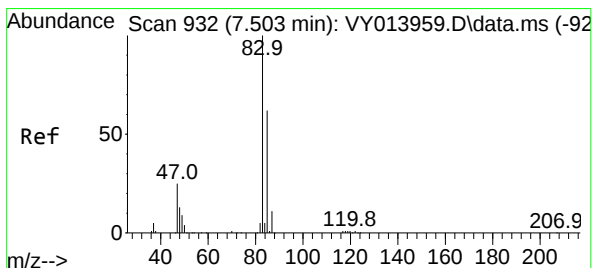
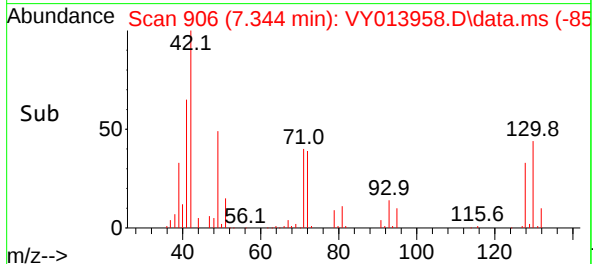
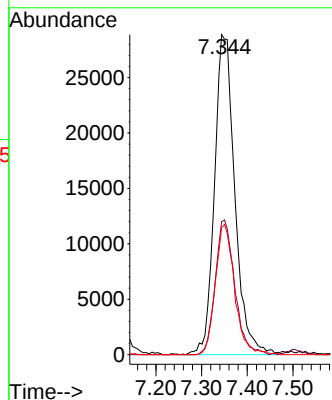
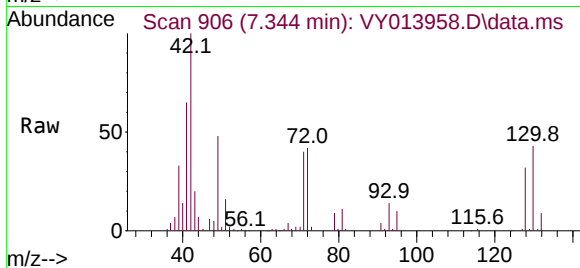
Tgt Ion: 42 Resp: 89488

Ion Ratio Lower Upper

42 100

72 40.2 32.8 49.2

71 38.6 31.0 46.4



#30

Chloroform

Concen: 19.253 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.000 min

Lab File: VY013958.D

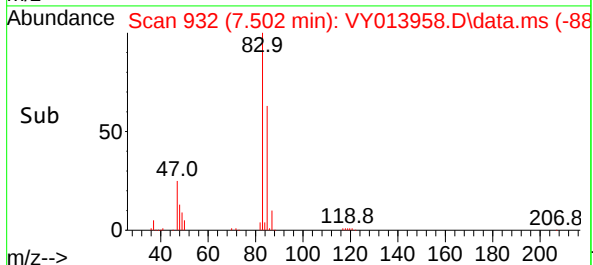
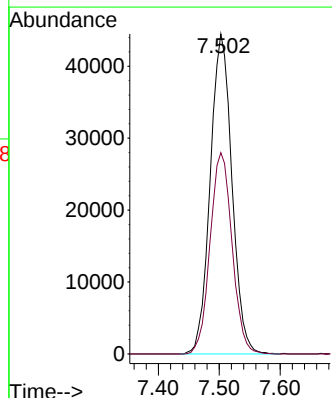
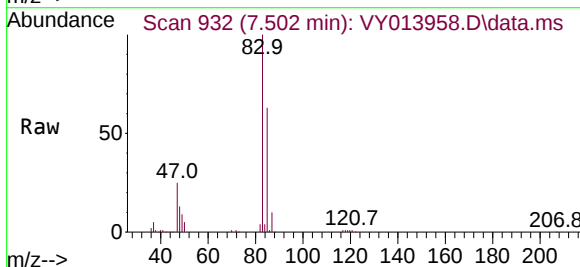
Acq: 01 Jun 2023 11:50

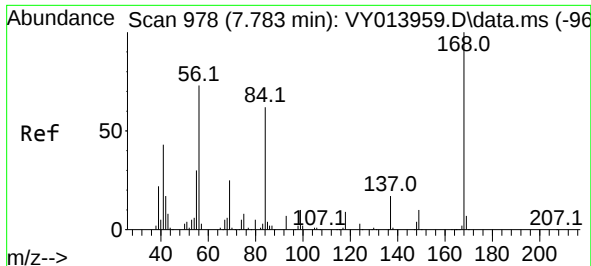
Tgt Ion: 83 Resp: 110102

Ion Ratio Lower Upper

83 100

85 62.9 49.7 74.5

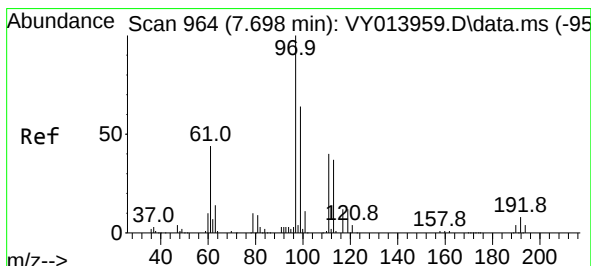
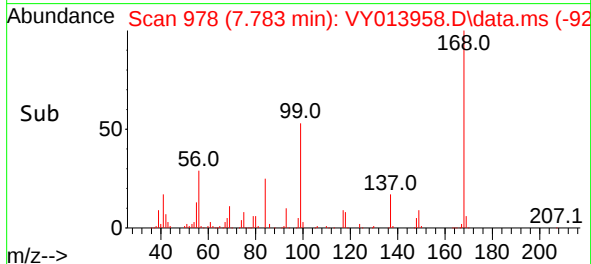
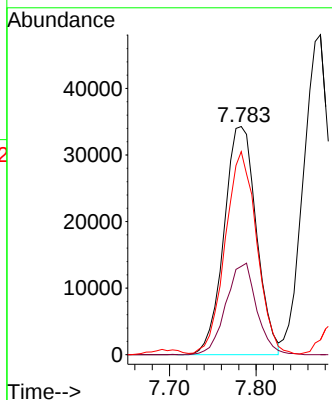
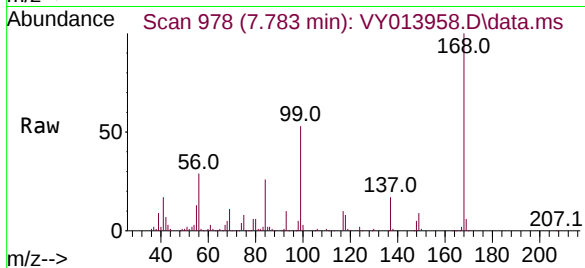




#31
Cyclohexane
Concen: 20.692 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

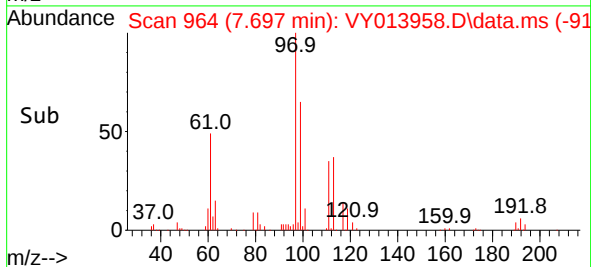
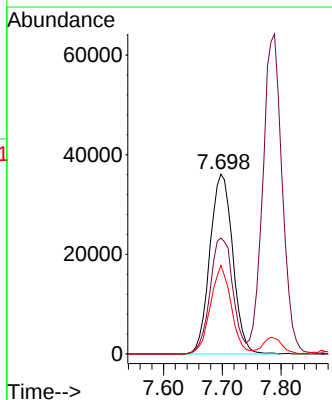
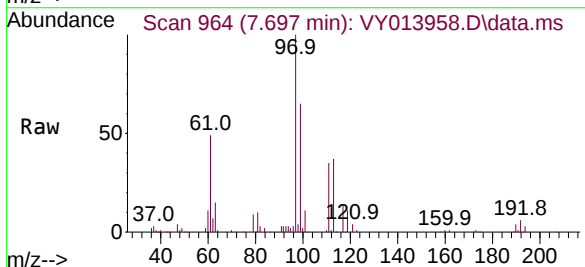
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

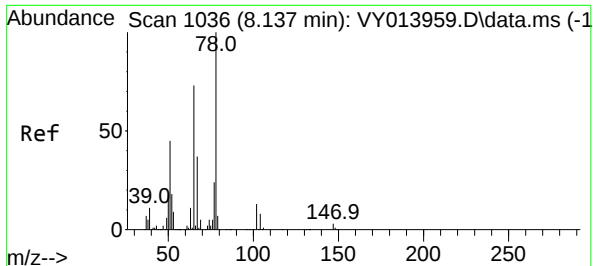
Tgt Ion:	56	Resp:	89006
Ion	Ratio	Lower	Upper
56	100		
69	38.7	27.8	41.6
84	87.1	66.4	99.6



#32
1,1,1-Trichloroethane
Concen: 20.115 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

Tgt Ion:	97	Resp:	97572
Ion	Ratio	Lower	Upper
97	100		
99	64.5	50.8	76.2
61	44.5	35.1	52.7





#33

1,2-Dichloroethane-d4

Concen: 19.056 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

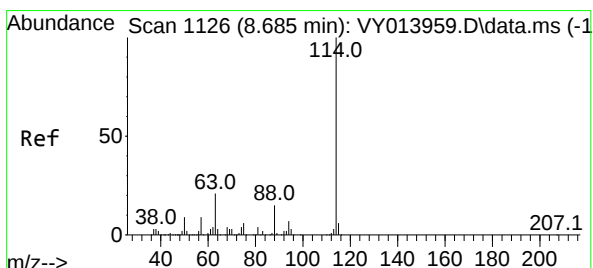
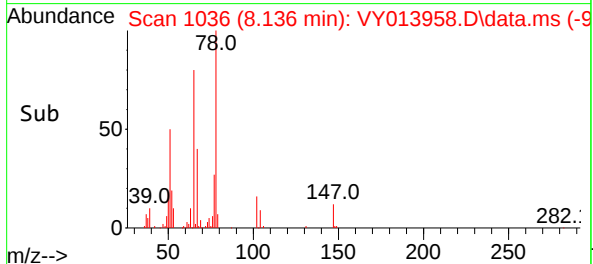
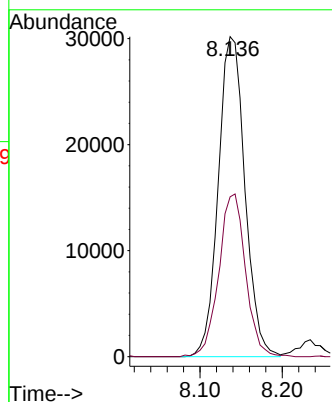
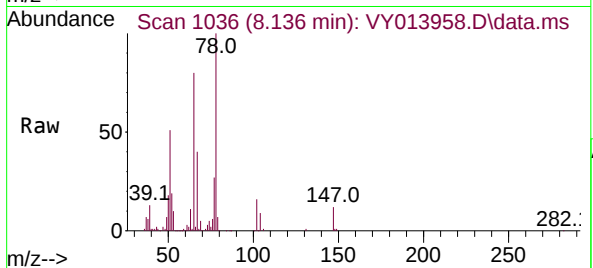
VSTDICC020

Tgt Ion: 65 Resp: 68073

Ion Ratio Lower Upper

65 100

67 51.0 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: VY013958.D

Acq: 01 Jun 2023 11:50

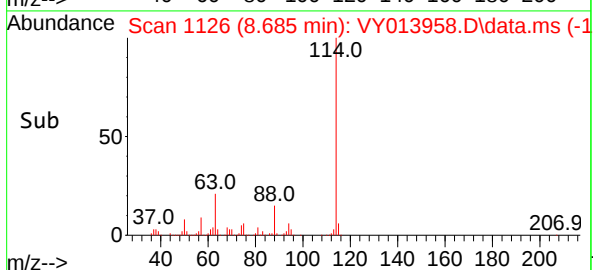
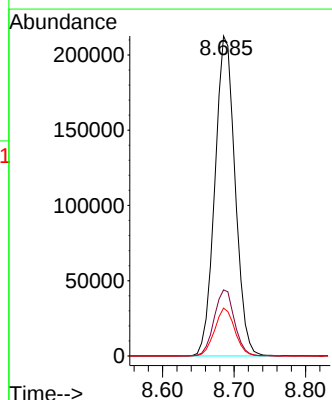
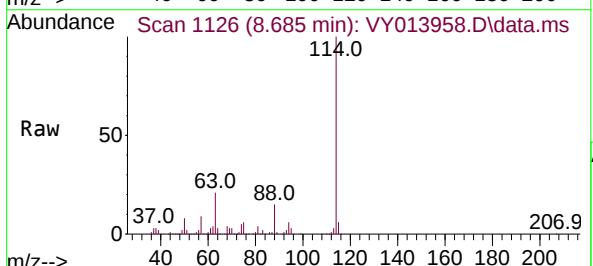
Tgt Ion: 114 Resp: 417293

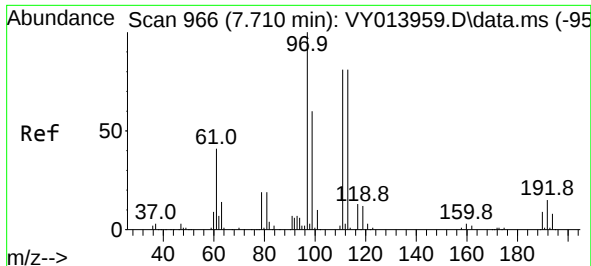
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.4

88 15.0 0.0 30.6

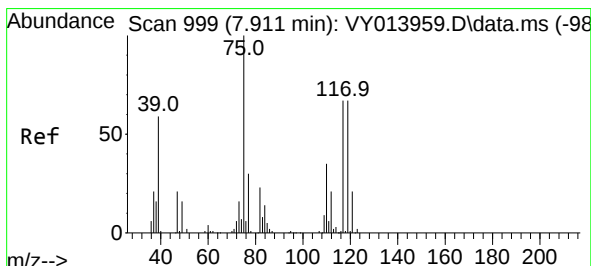
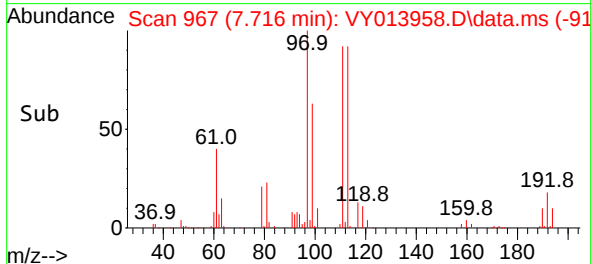
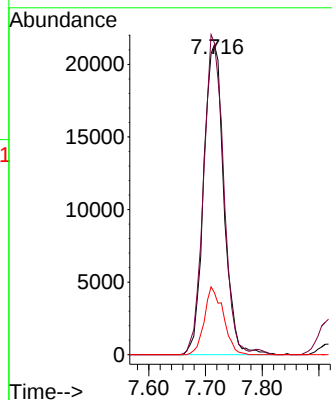
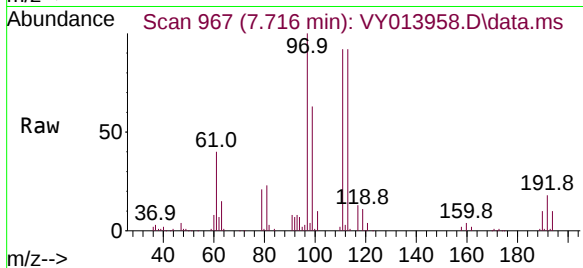




#35
Dibromofluoromethane
Concen: 19.985 ug/l
RT: 7.716 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

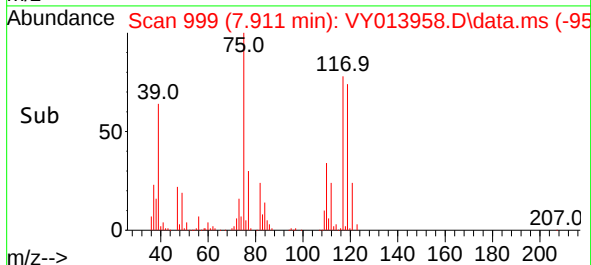
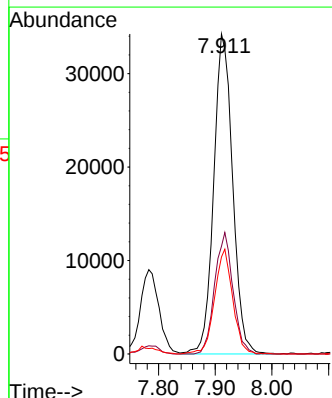
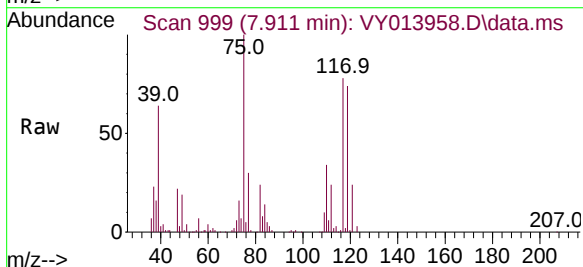
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

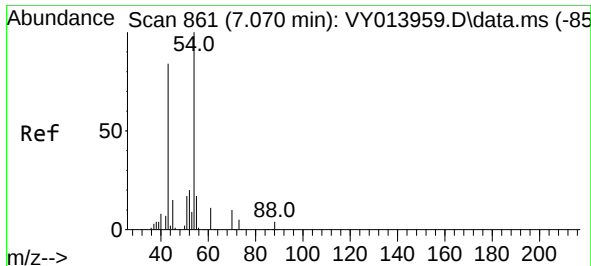
Tgt Ion:113 Resp: 53000
Ion Ratio Lower Upper
113 100
111 101.4 81.3 121.9
192 20.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 21.047 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

Tgt Ion: 75 Resp: 79518
Ion Ratio Lower Upper
75 100
110 36.6 17.8 53.5
77 31.4 24.4 36.6

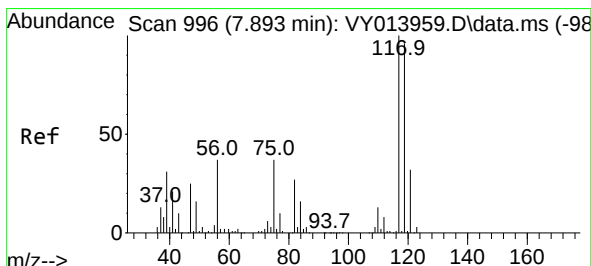
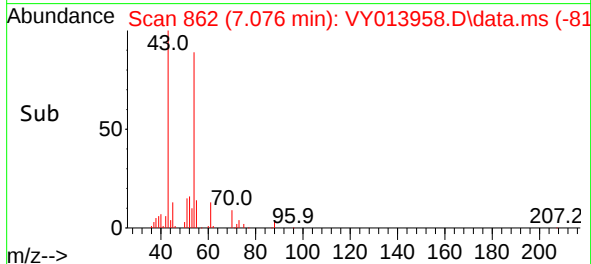
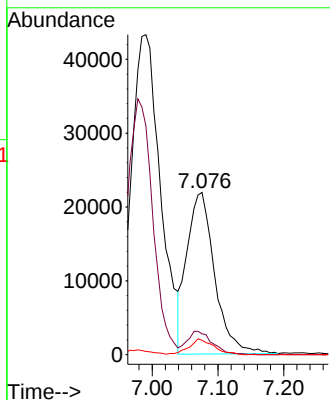
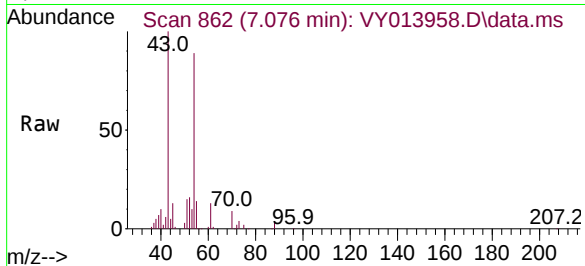




#37
Ethyl Acetate
Concen: 19.498 ug/l
RT: 7.076 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

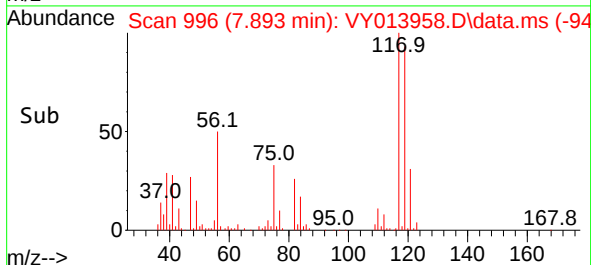
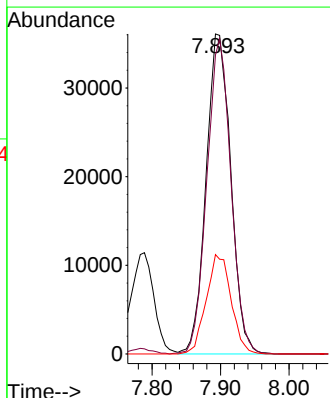
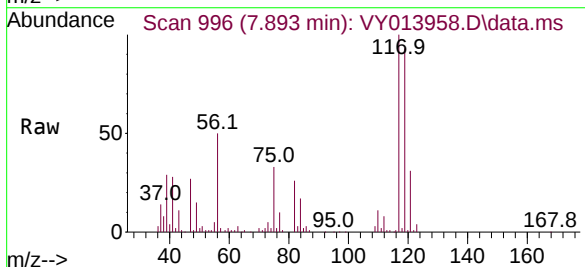
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

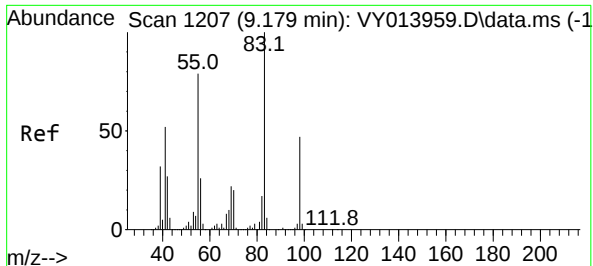
Tgt Ion: 43 Resp: 64226
Ion Ratio Lower Upper
43 100
61 13.3 10.1 15.1
70 8.6 7.1 10.7



#38
Carbon Tetrachloride
Concen: 21.393 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

Tgt Ion: 117 Resp: 90571
Ion Ratio Lower Upper
117 100
119 93.4 76.4 114.6
121 31.1 25.8 38.6





#39

Methylcyclohexane

Concen: 21.883 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

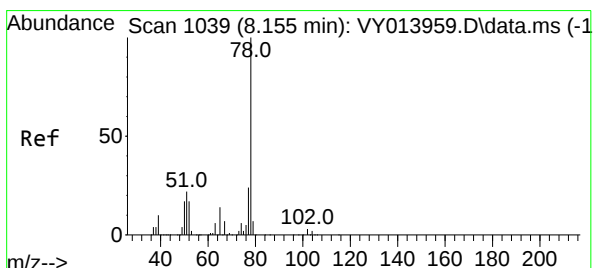
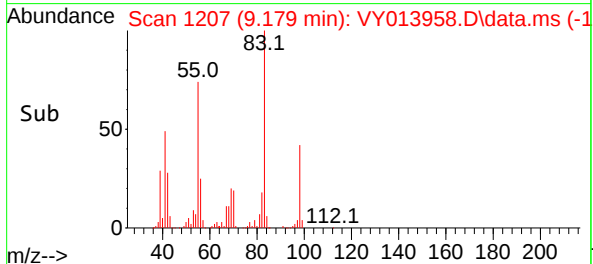
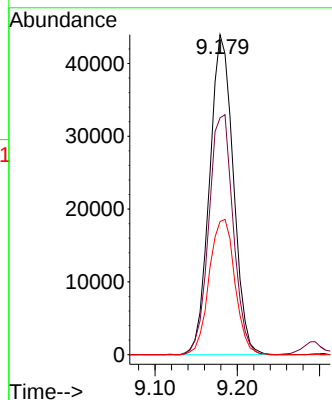
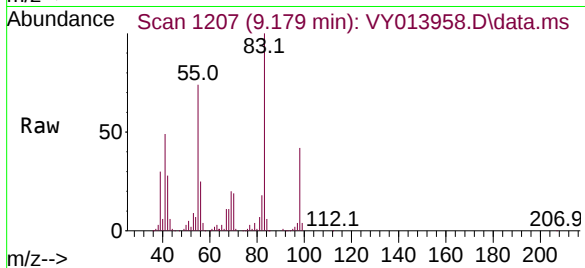
Tgt Ion: 83 Resp: 88263

Ion Ratio Lower Upper

83 100

55 74.0 63.0 94.4

98 41.6 37.4 56.2



#40

Benzene

Concen: 20.121 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY013958.D

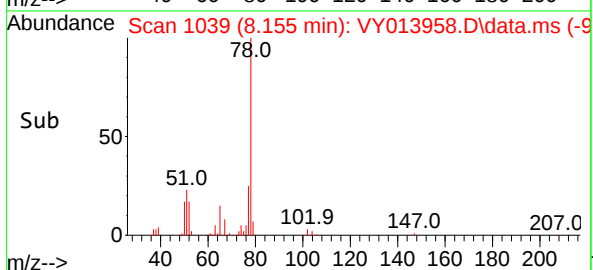
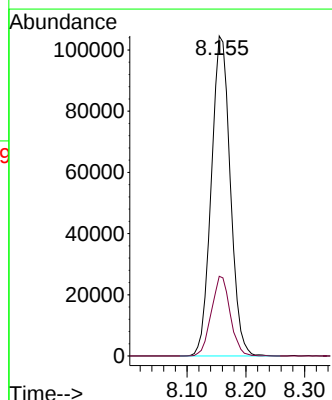
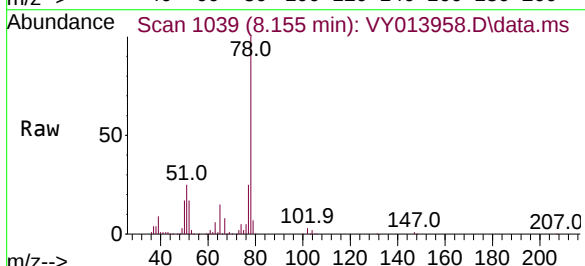
Acq: 01 Jun 2023 11:50

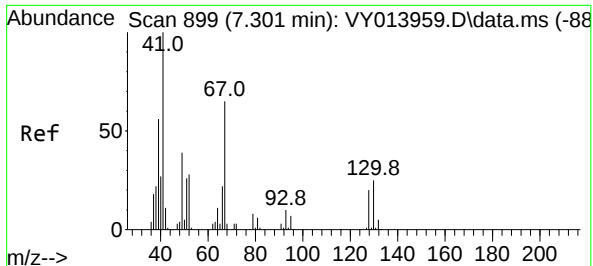
Tgt Ion: 78 Resp: 234515

Ion Ratio Lower Upper

78 100

77 24.9 19.0 28.6

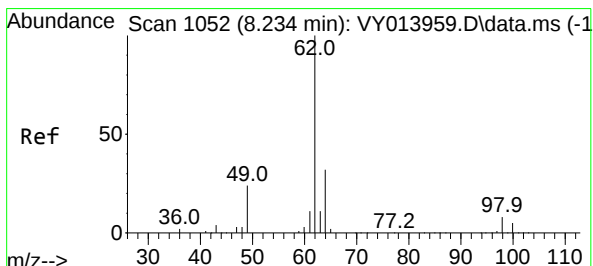
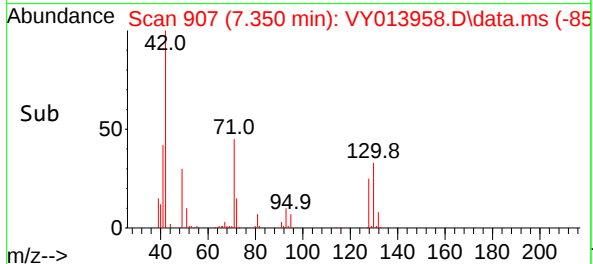
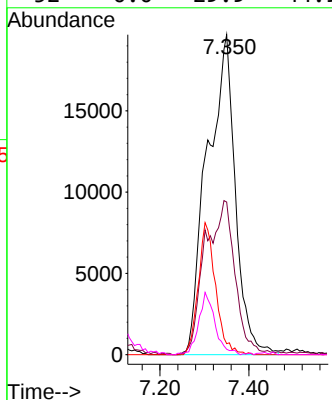
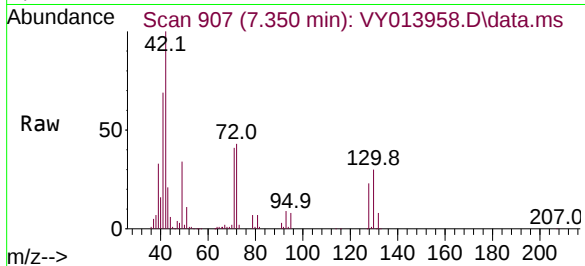




#41
Methacrylonitrile
Concen: 56.567 ug/l
RT: 7.350 min Scan# 901
Delta R.T. 0.049 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

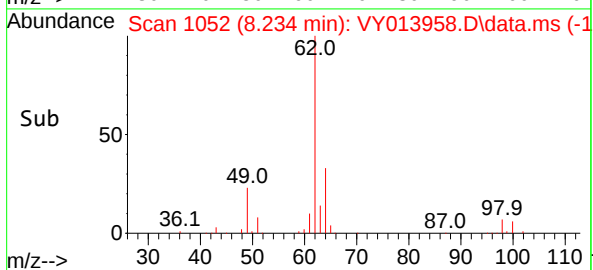
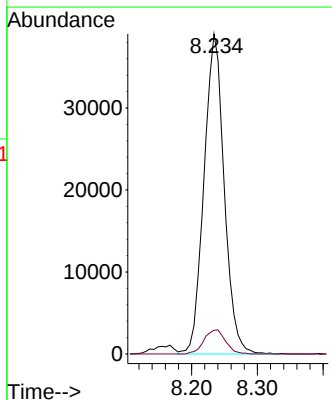
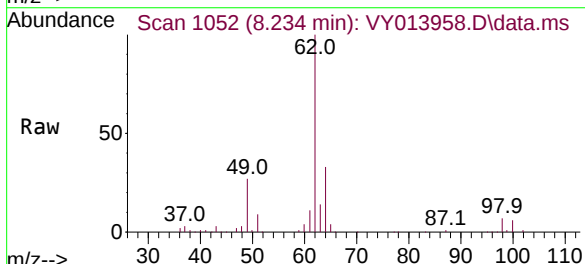
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

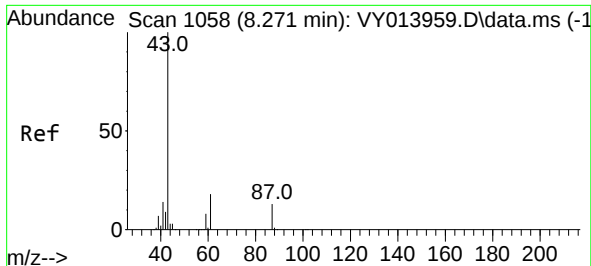
Tgt Ion: 41 Resp: 86122
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 19.528 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

Tgt Ion: 62 Resp: 83458
Ion Ratio Lower Upper
62 100
98 8.0 0.0 15.8

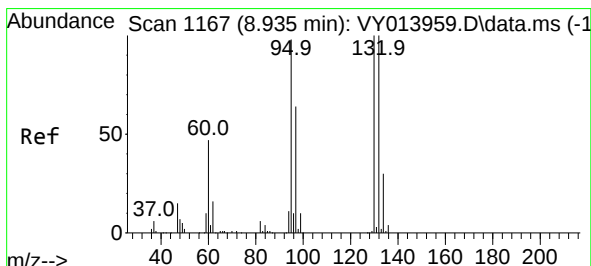
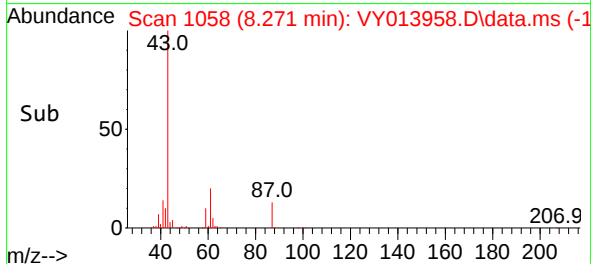
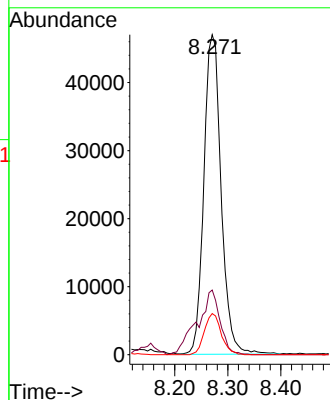
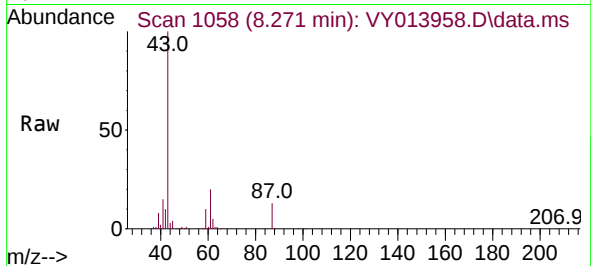




#43
Isopropyl Acetate
Concen: 19.160 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

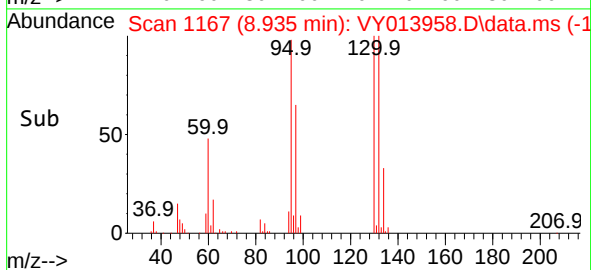
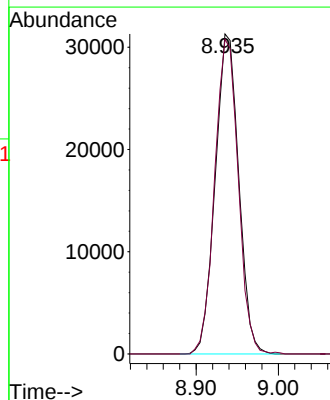
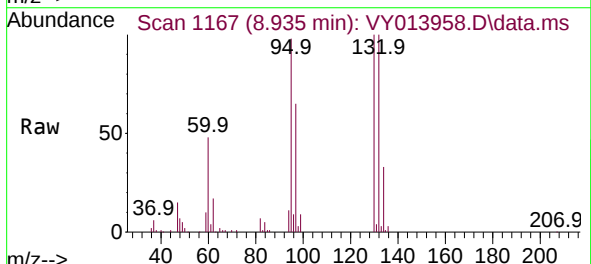
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

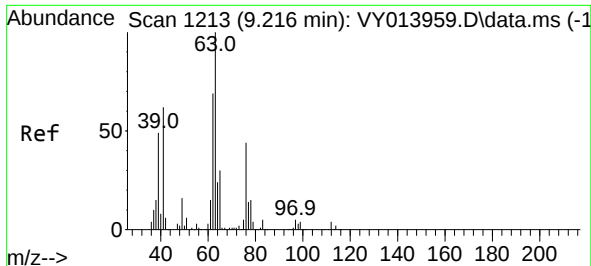
Tgt Ion: 43 Resp: 106272
Ion Ratio Lower Upper
43 100
61 26.7 21.1 31.7
87 12.5 9.8 14.8



#44
Trichloroethene
Concen: 20.378 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

Tgt Ion: 130 Resp: 62197
Ion Ratio Lower Upper
130 100
95 98.3 0.0 196.0





#45

1,2-Dichloropropane

Concen: 20.034 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

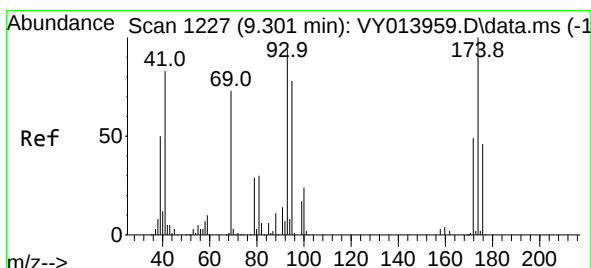
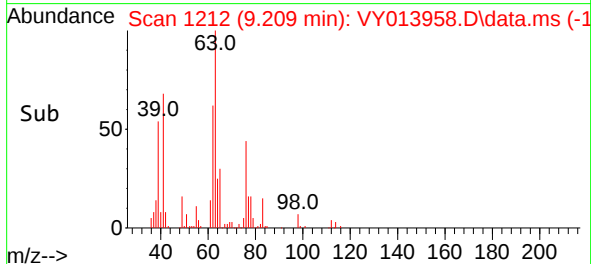
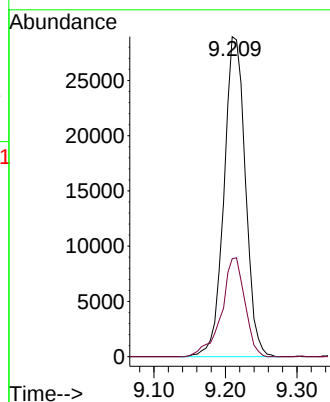
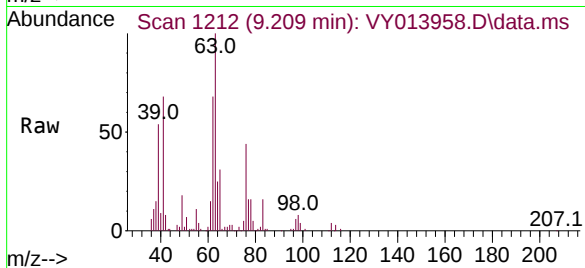
VSTDICC020

Tgt Ion: 63 Resp: 60256

Ion Ratio Lower Upper

63 100

65 30.6 23.8 35.6



#46

Dibromomethane

Concen: 19.639 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

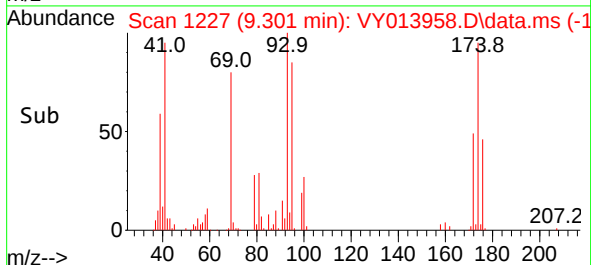
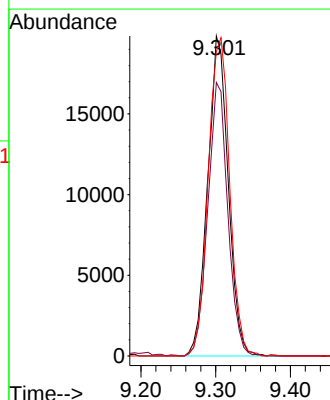
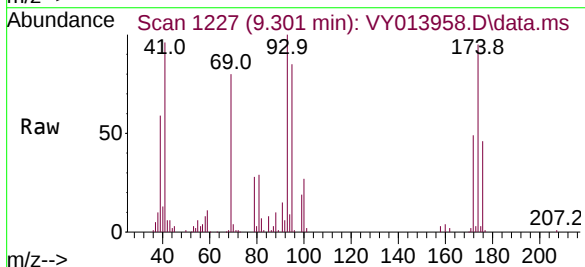
Tgt Ion: 93 Resp: 37816

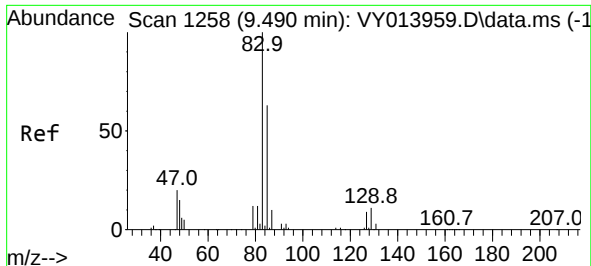
Ion Ratio Lower Upper

93 100

95 83.1 66.6 100.0

174 103.6 84.8 127.2

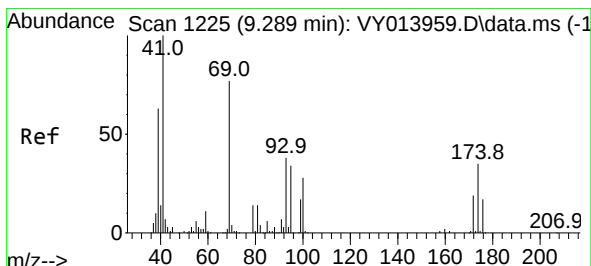
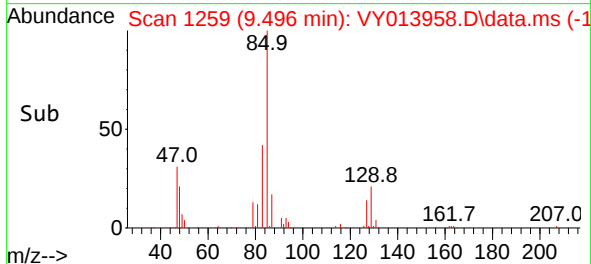
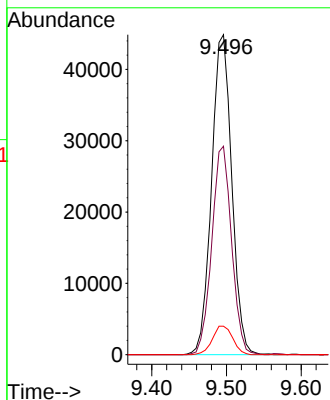
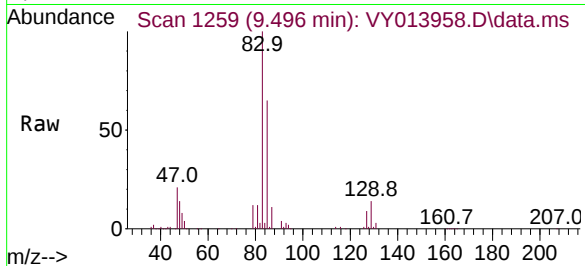




#47
Bromodichloromethane
Concen: 19.404 ug/l
RT: 9.496 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

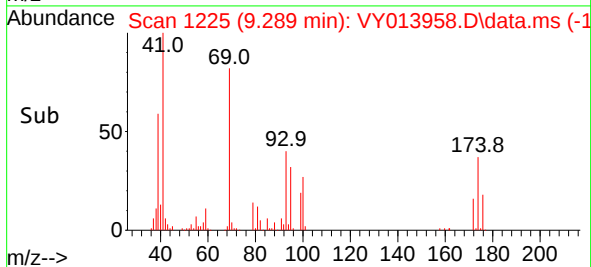
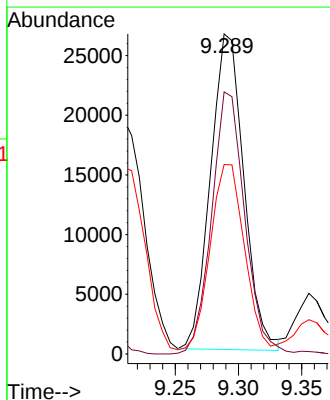
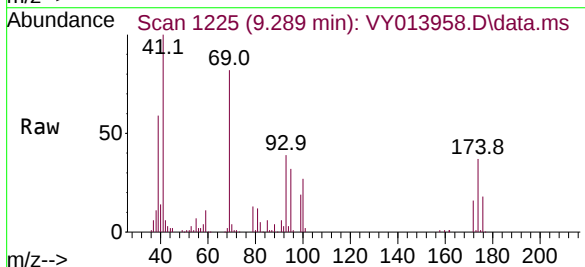
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

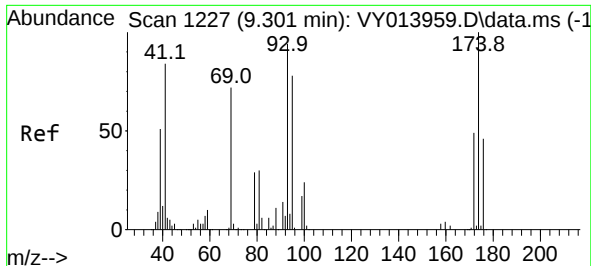
Tgt Ion: 83 Resp: 84170
Ion Ratio Lower Upper
83 100
85 65.1 50.1 75.1
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 19.198 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

Tgt Ion: 41 Resp: 48466
Ion Ratio Lower Upper
41 100
69 82.4 64.5 96.7
39 63.0 50.8 76.2





#49

1,4-Dioxane

Concen: 369.791 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.012 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

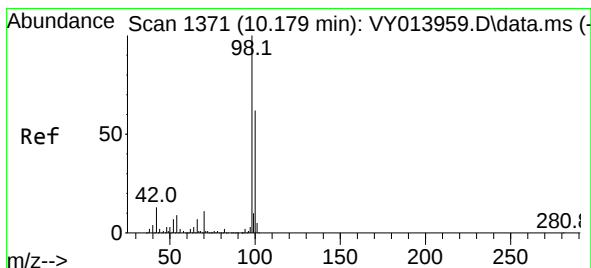
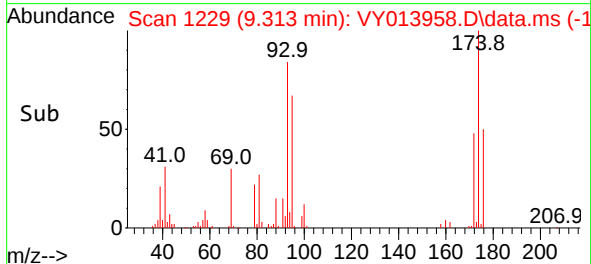
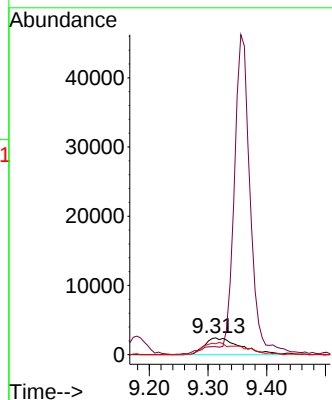
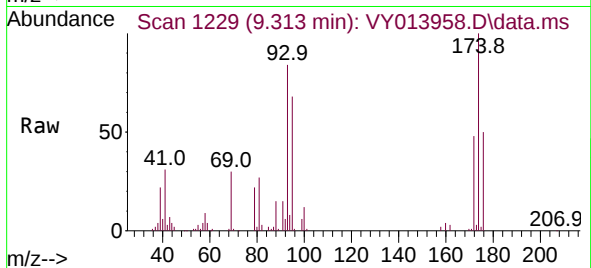
Tgt Ion: 88 Resp: 10355

Ion Ratio Lower Upper

88 100

43 28.9 0.0 0.0#

58 48.6 30.9 46.3#



#50

Toluene-d8

Concen: 20.146 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013958.D

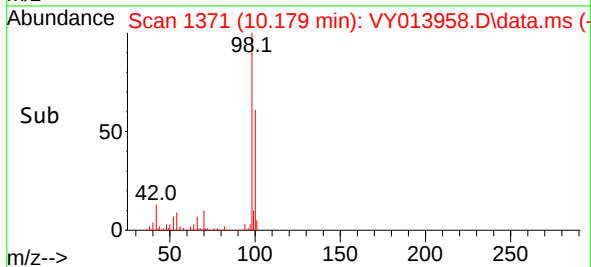
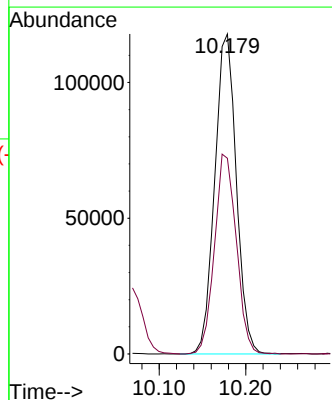
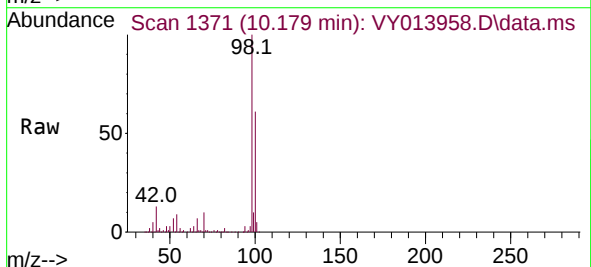
Acq: 01 Jun 2023 11:50

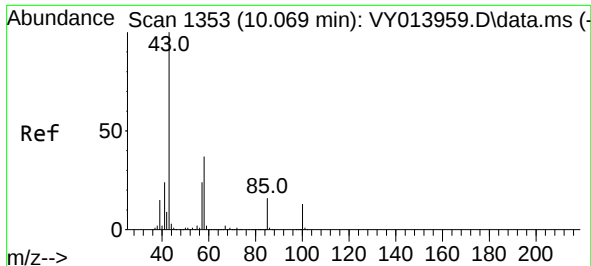
Tgt Ion: 98 Resp: 203791

Ion Ratio Lower Upper

98 100

100 63.3 50.1 75.1

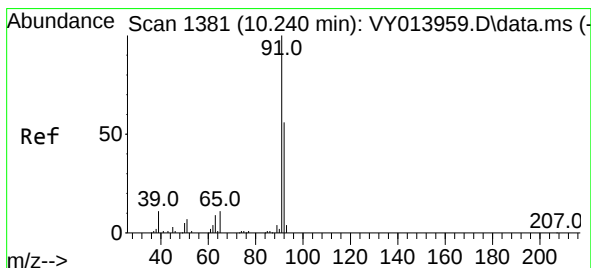
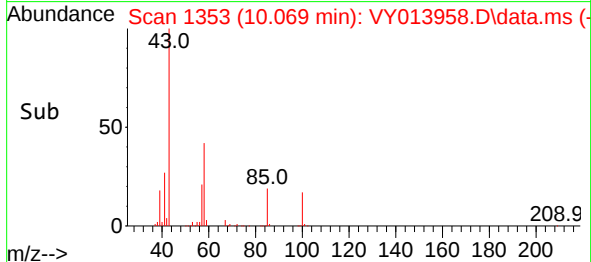
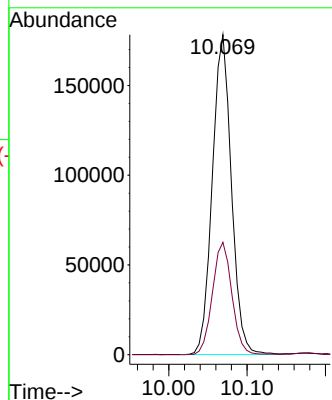
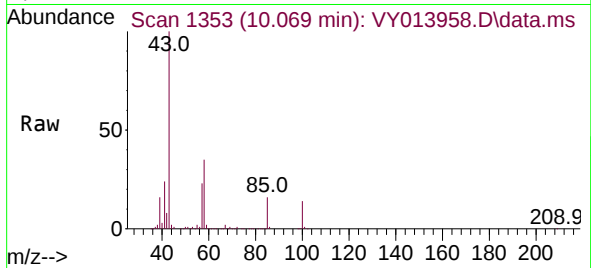




#51
4-Methyl-2-Pentanone
Concen: 96.283 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

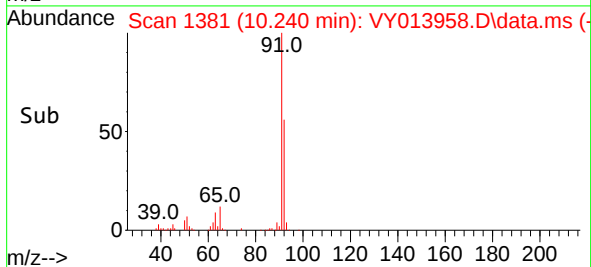
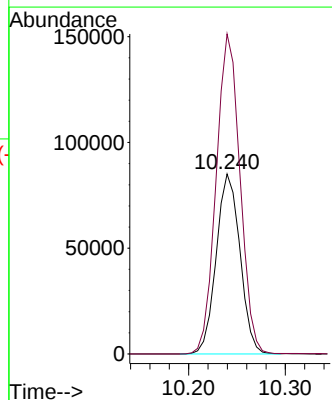
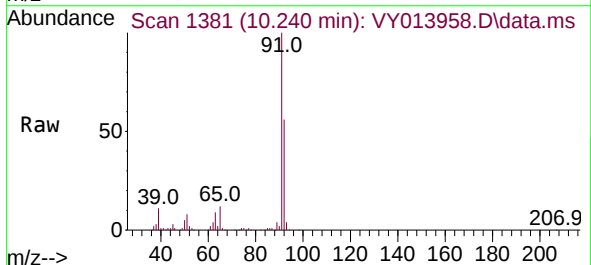
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

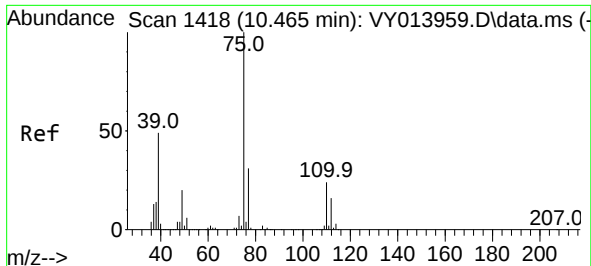
Tgt Ion: 43 Resp: 301638
Ion Ratio Lower Upper
43 100
58 35.8 29.0 43.6



#52
Toluene
Concen: 20.311 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

Tgt Ion: 92 Resp: 145021
Ion Ratio Lower Upper
92 100
91 179.0 143.8 215.6

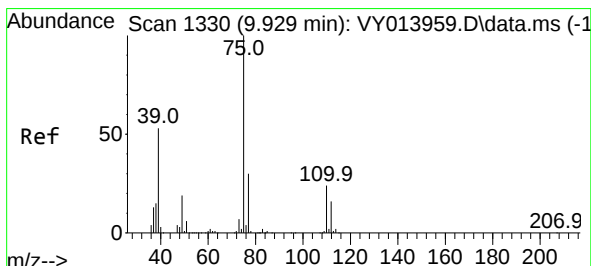
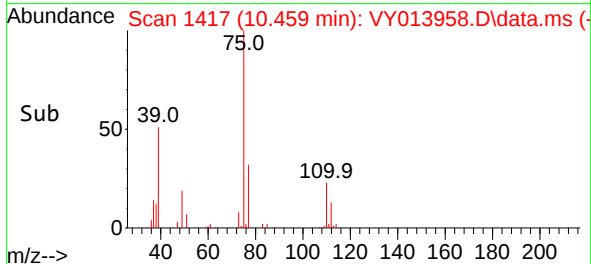
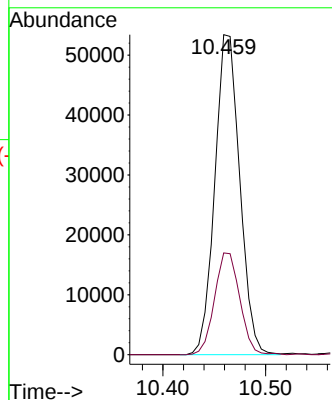
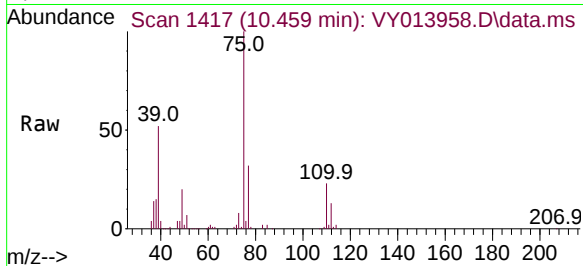




#53
 t-1,3-Dichloropropene
 Concen: 19.319 ug/l
 RT: 10.459 min Scan# 1418
 Delta R.T. -0.006 min
 Lab File: VY013958.D
 Acq: 01 Jun 2023 11:50

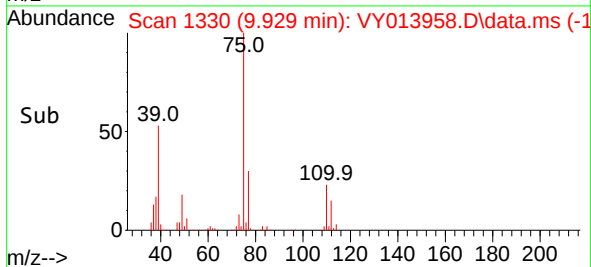
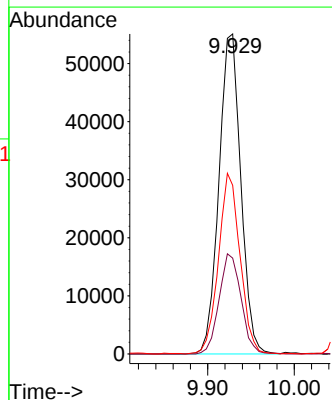
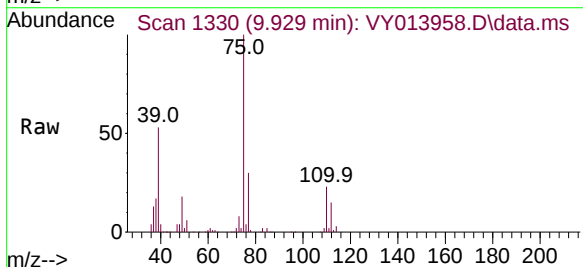
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

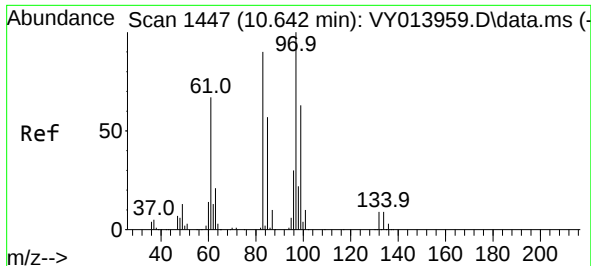
Tgt Ion: 75 Resp: 90016
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 19.445 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY013958.D
 Acq: 01 Jun 2023 11:50

Tgt Ion: 75 Resp: 96735
 Ion Ratio Lower Upper
 75 100
 77 30.0 24.2 36.4
 39 52.7 42.2 63.4

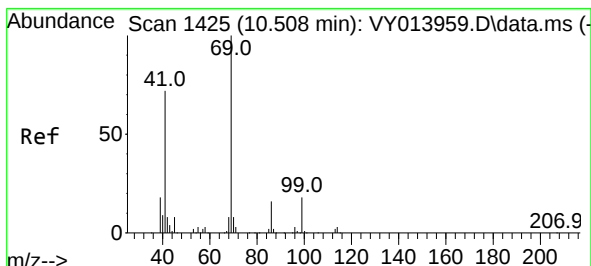
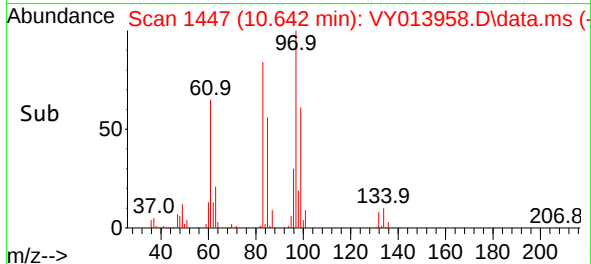
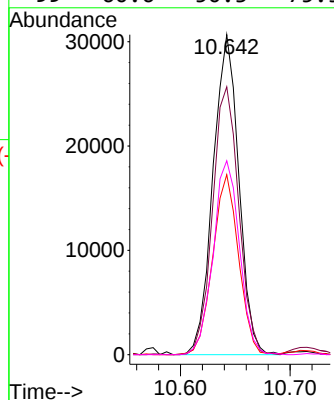
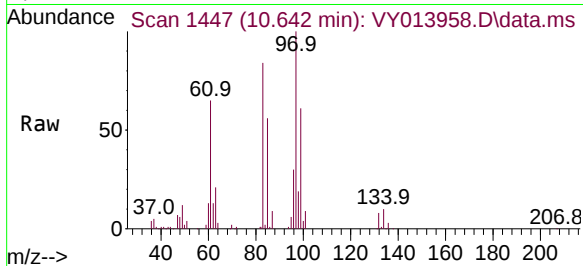




#55
1,1,2-Trichloroethane
Concen: 19.745 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

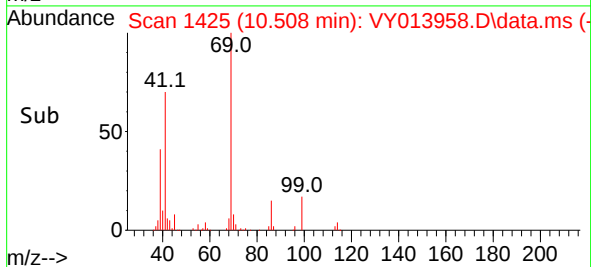
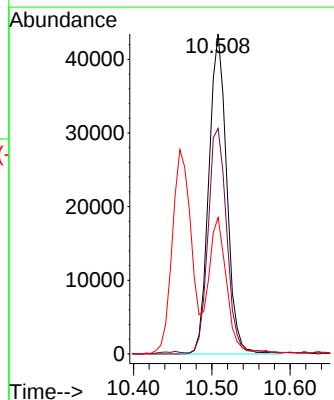
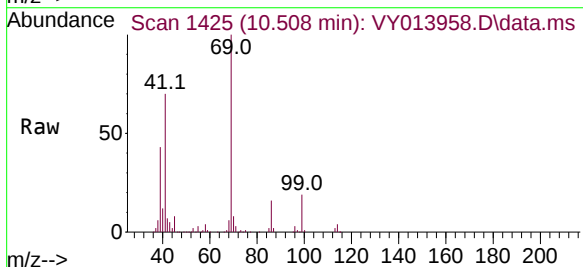
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

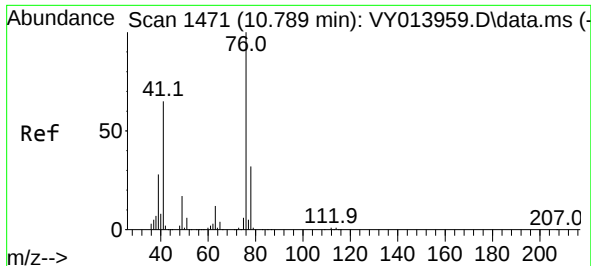
Tgt Ion:	97	Resp:	50123
Ion	Ratio	Lower	Upper
97	100		
83	83.7	72.0	108.0
85	56.1	45.4	68.0
99	60.6	50.3	75.5



#56
Ethyl methacrylate
Concen: 18.890 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

Tgt Ion:	69	Resp:	68850
Ion	Ratio	Lower	Upper
69	100		
41	72.9	57.6	86.4
39	41.7	34.1	51.1





#57

1,3-Dichloropropane

Concen: 19.763 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

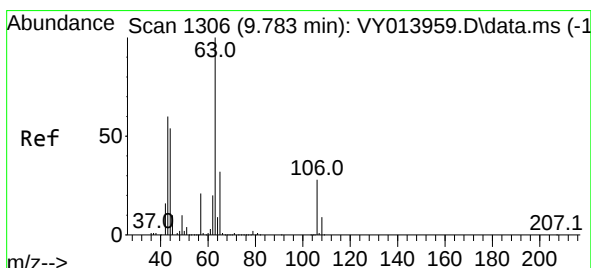
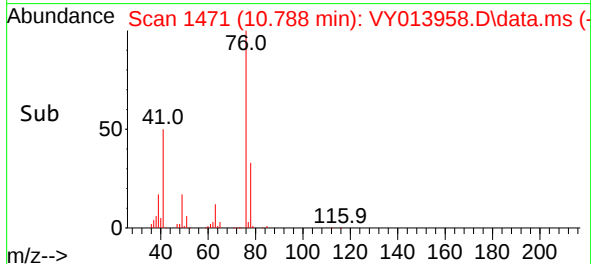
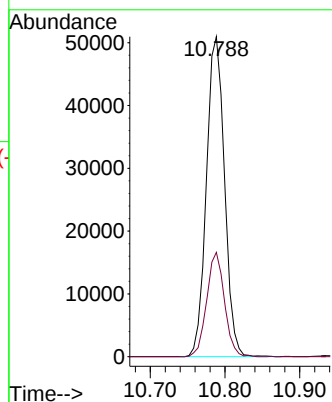
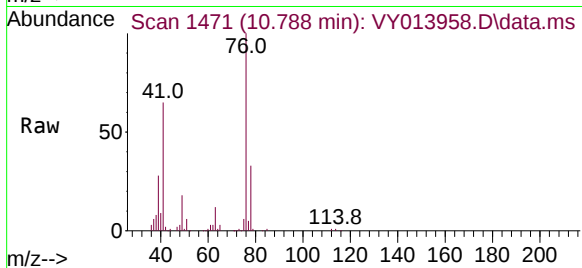
VSTDIC020

Tgt Ion: 76 Resp: 85725

Ion Ratio Lower Upper

76 100

78 31.9 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 80.124 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY013958.D

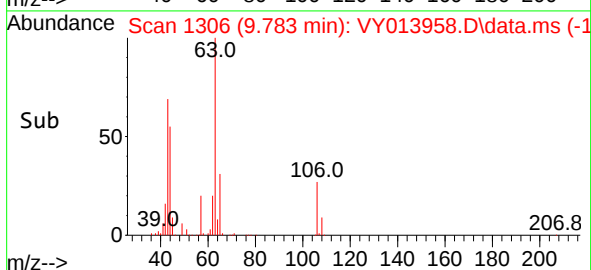
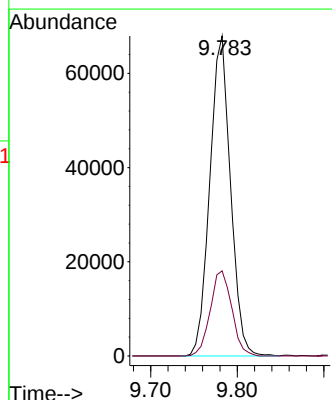
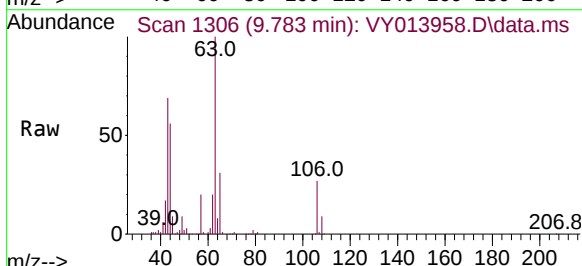
Acq: 01 Jun 2023 11:50

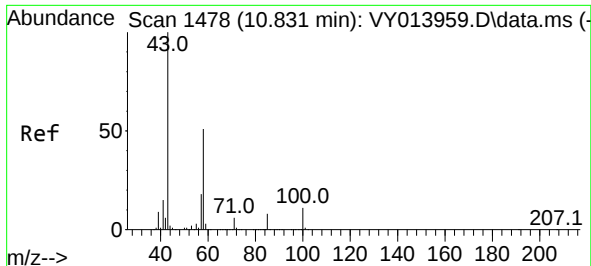
Tgt Ion: 63 Resp: 112665

Ion Ratio Lower Upper

63 100

106 27.7 21.2 31.8





#59

2-Hexanone

Concen: 96.536 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. -0.000 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

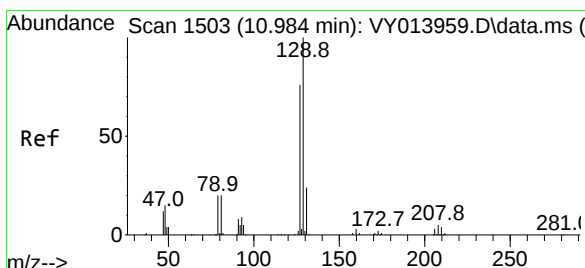
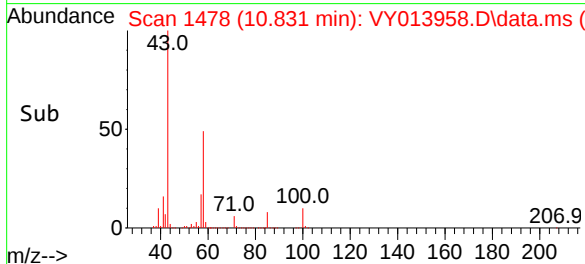
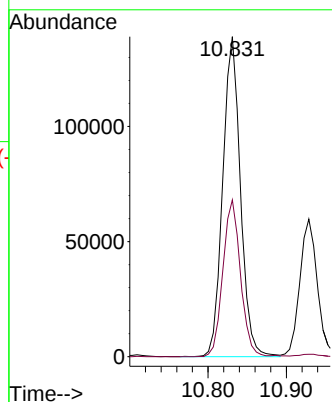
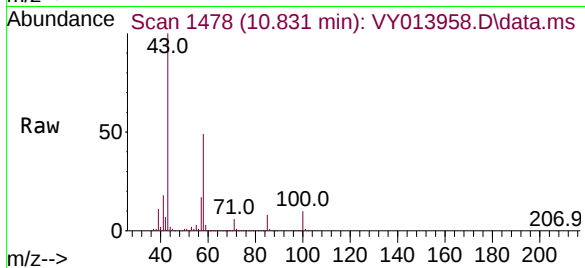
VSTDIC020

Tgt Ion: 43 Resp: 218992

Ion Ratio Lower Upper

43 100

58 48.6 25.1 75.3



#60

Dibromochloromethane

Concen: 19.327 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. -0.000 min

Lab File: VY013958.D

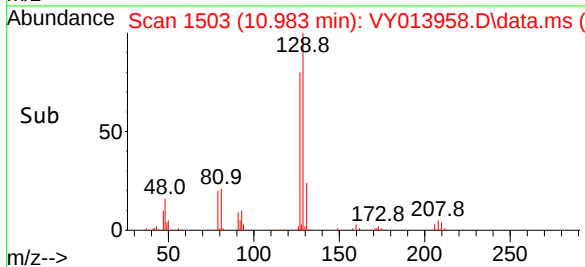
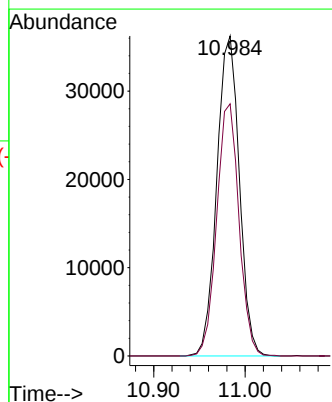
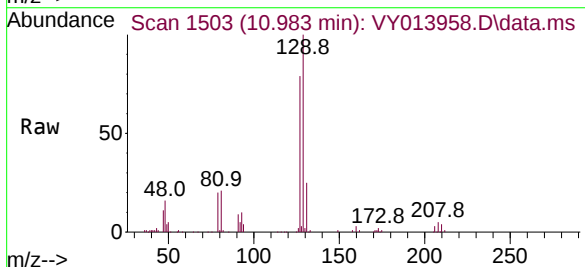
Acq: 01 Jun 2023 11:50

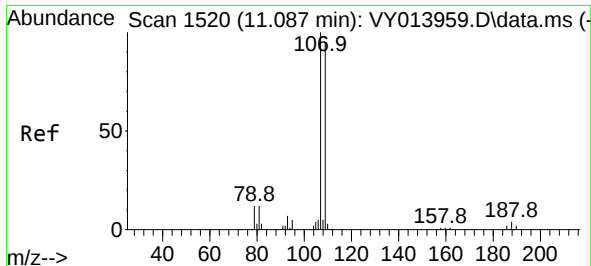
Tgt Ion: 129 Resp: 62010

Ion Ratio Lower Upper

129 100

127 78.0 38.5 115.5

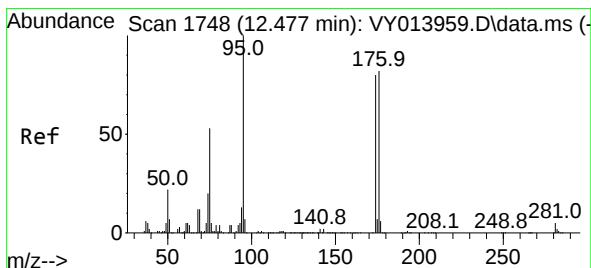
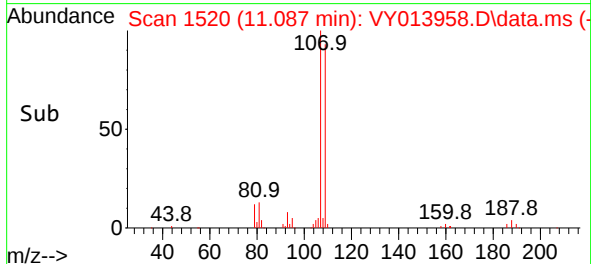
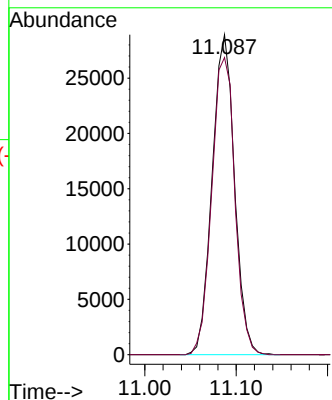
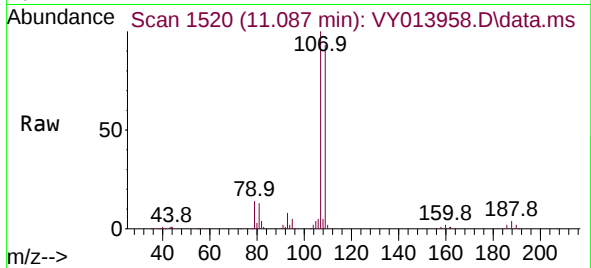




#61
1,2-Dibromoethane
Concen: 19.265 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

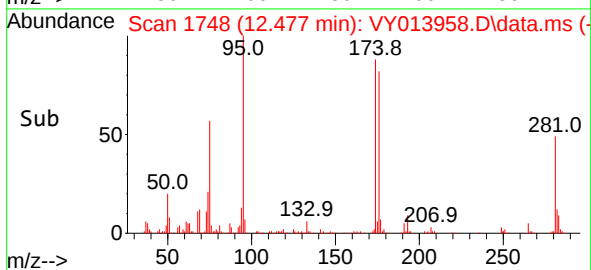
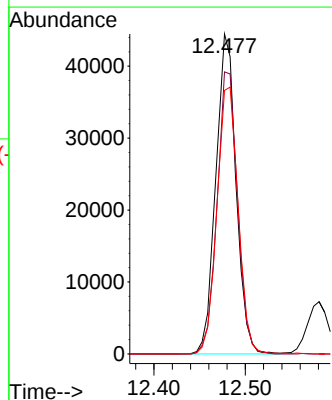
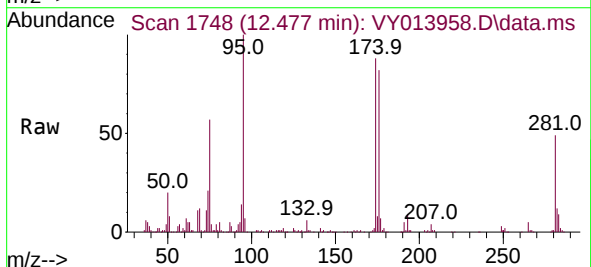
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

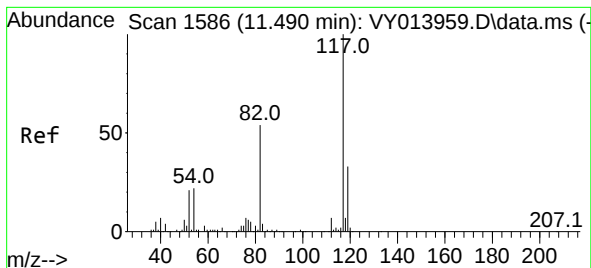
Tgt Ion:107 Resp: 49137
Ion Ratio Lower Upper
107 100
109 95.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 19.848 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

Tgt Ion: 95 Resp: 68449
Ion Ratio Lower Upper
95 100
174 89.3 0.0 178.2
176 87.3 0.0 173.8

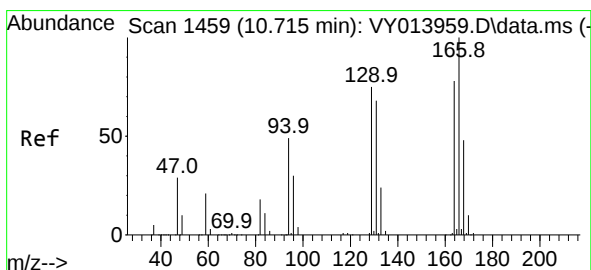
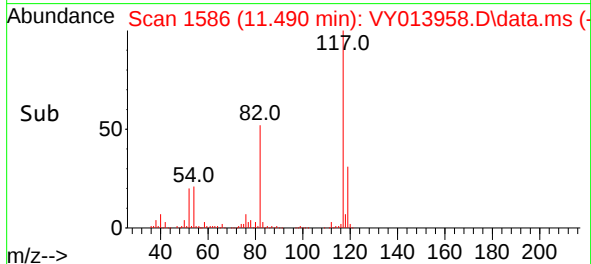
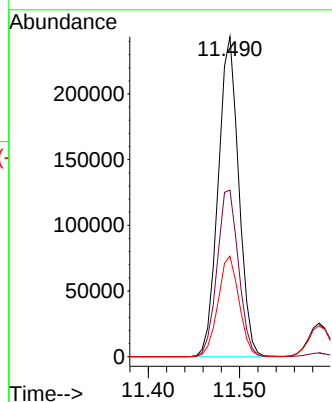
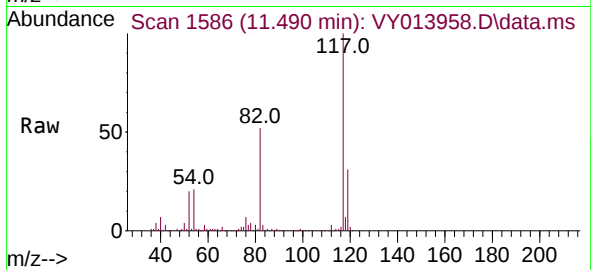




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

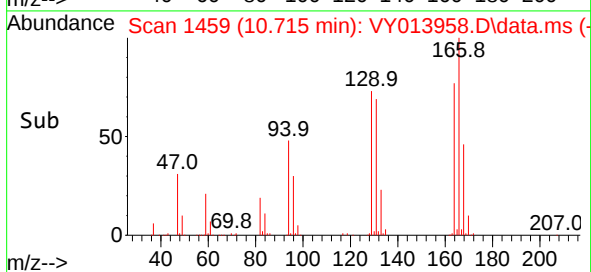
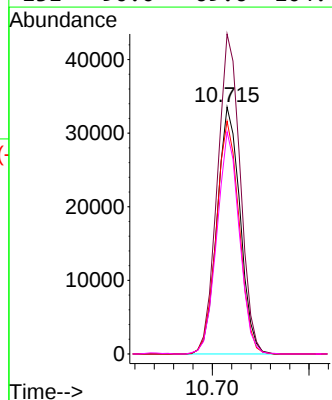
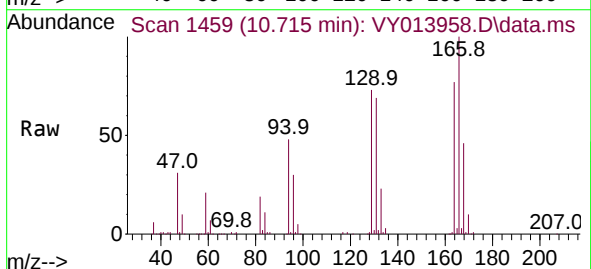
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

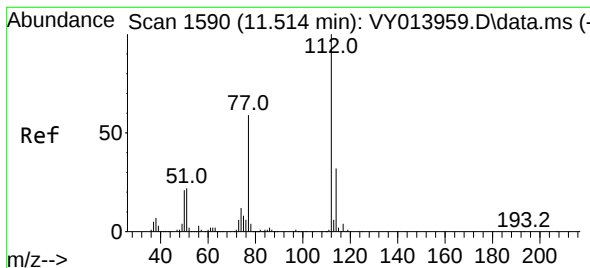
Tgt Ion:117 Resp: 381127
Ion Ratio Lower Upper
117 100
82 52.0 43.4 65.0
119 31.4 26.3 39.5



#64
Tetrachloroethene
Concen: 21.224 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

Tgt Ion:164 Resp: 55417
Ion Ratio Lower Upper
164 100
166 129.6 103.0 154.6
129 94.3 77.2 115.8
131 90.0 69.6 104.4





#65

Chlorobenzene

Concen: 19.757 ug/l

RT: 11.514 min Scan# 1150

Delta R.T. -0.000 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

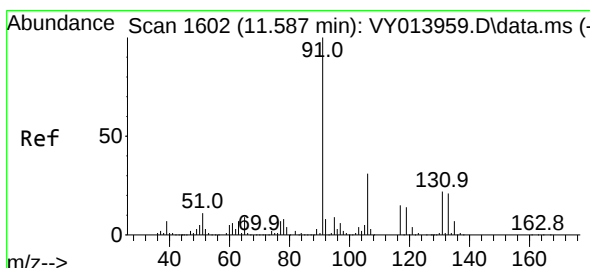
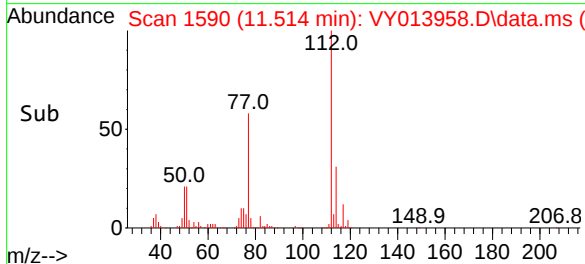
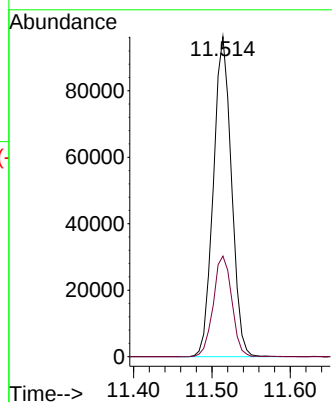
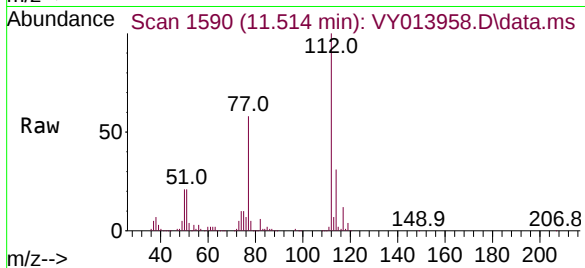
VSTDIC020

Tgt Ion:112 Resp: 154481

Ion Ratio Lower Upper

112 100

114 31.4 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 19.926 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

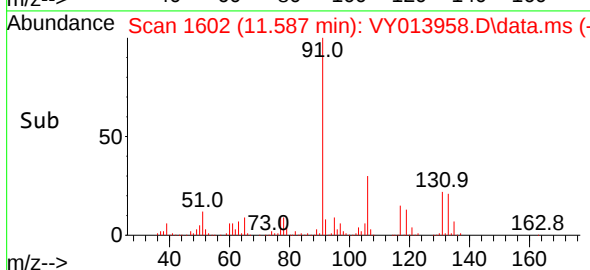
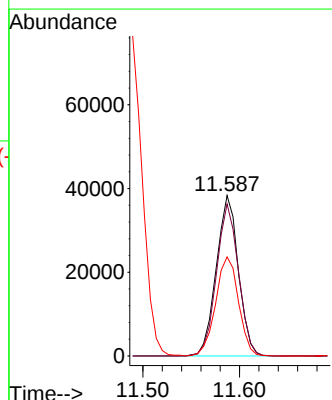
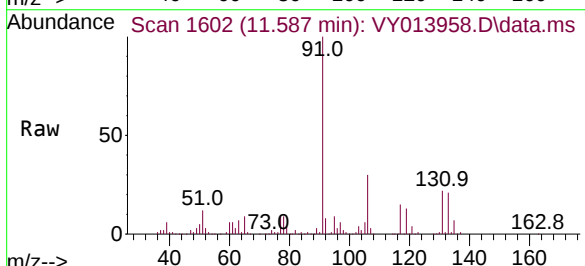
Tgt Ion:131 Resp: 60653

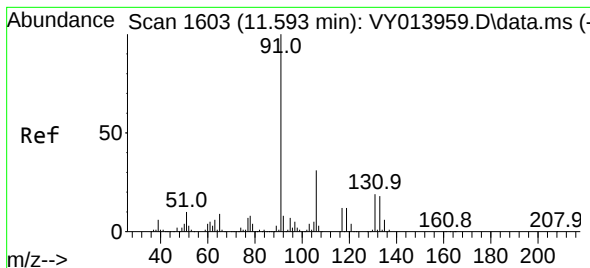
Ion Ratio Lower Upper

131 100

133 94.3 47.5 142.6

119 63.9 31.6 94.7





#67

Ethyl Benzene

Concen: 20.248 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

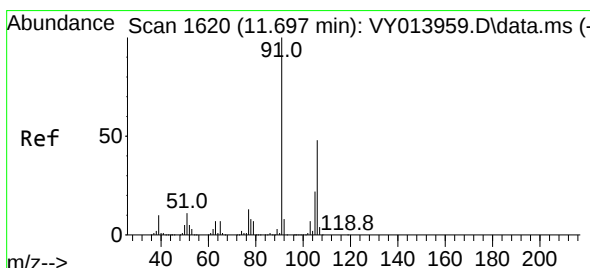
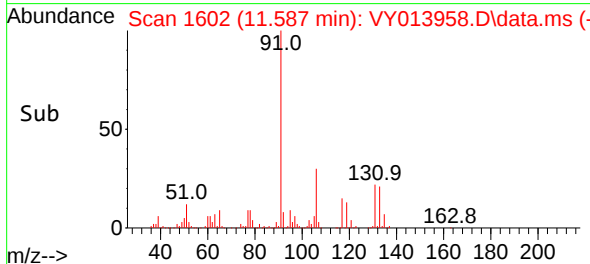
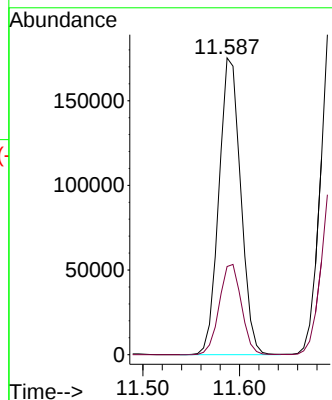
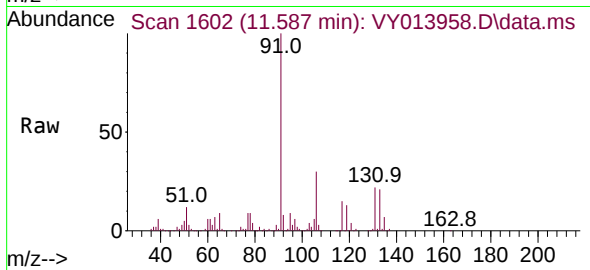
VSTDIC020

Tgt Ion: 91 Resp: 274032

Ion Ratio Lower Upper

91 100

106 29.7 24.6 36.8



#68

m/p-Xylenes

Concen: 41.182 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY013958.D

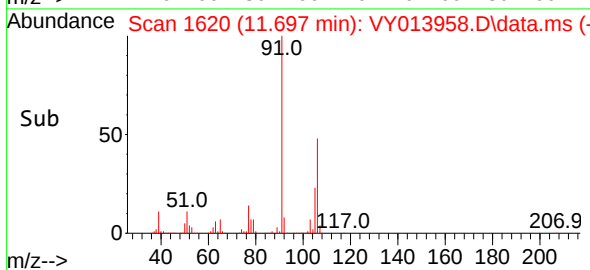
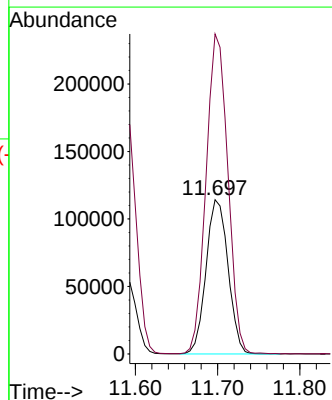
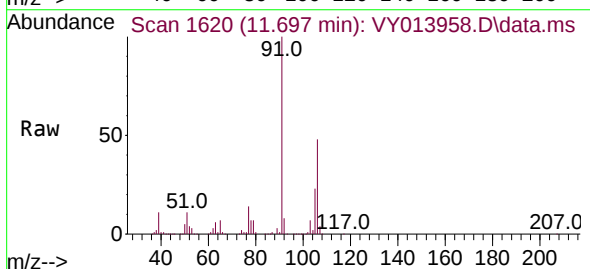
Acq: 01 Jun 2023 11:50

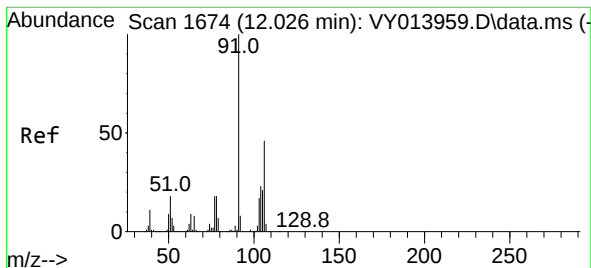
Tgt Ion:106 Resp: 212903

Ion Ratio Lower Upper

106 100

91 205.2 166.1 249.1





#69

o-Xylene

Concen: 20.115 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. -0.000 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

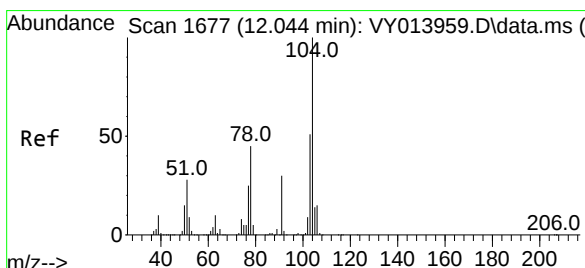
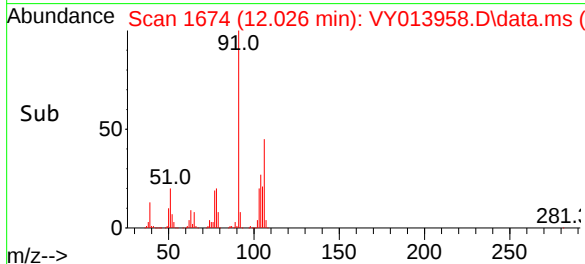
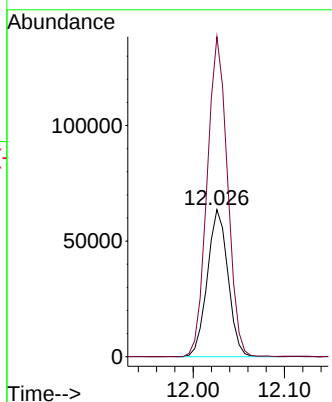
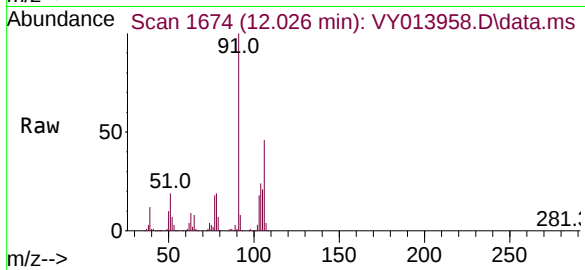
VSTDIC020

Tgt Ion:106 Resp: 99646

Ion Ratio Lower Upper

106 100

91 214.9 108.1 324.3



#70

Styrene

Concen: 19.912 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

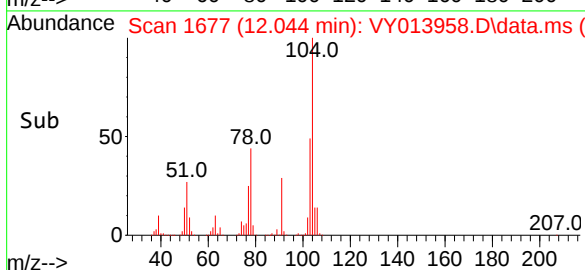
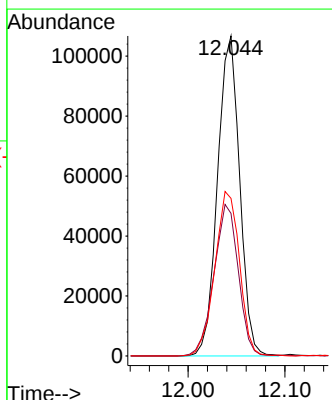
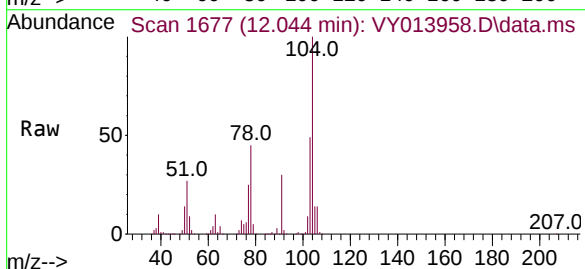
Tgt Ion:104 Resp: 169425

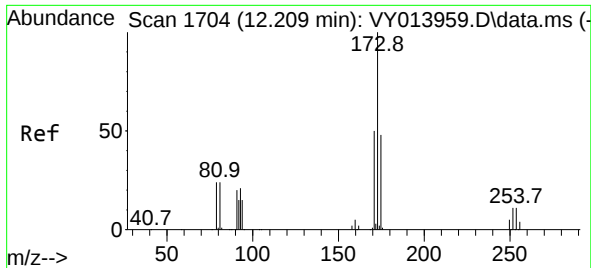
Ion Ratio Lower Upper

104 100

78 52.2 41.5 62.3

103 57.3 44.6 67.0

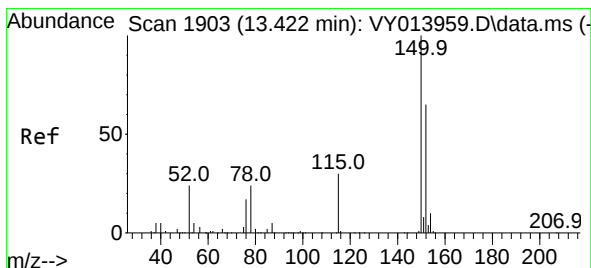
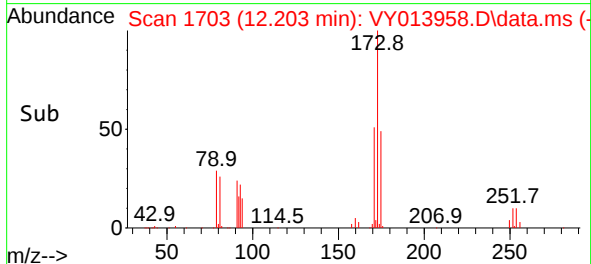
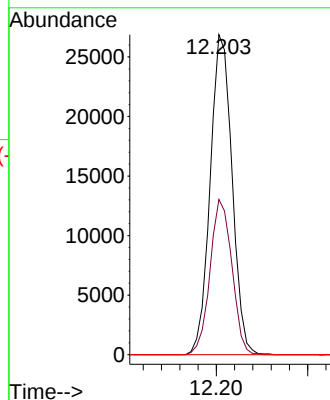
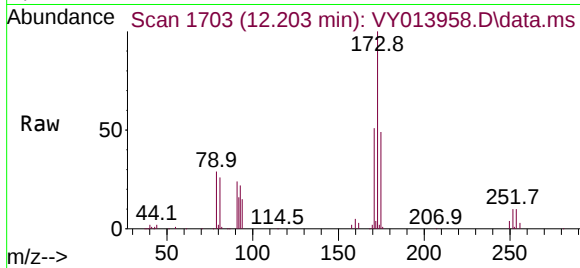




#71
Bromoform
Concen: 19.869 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

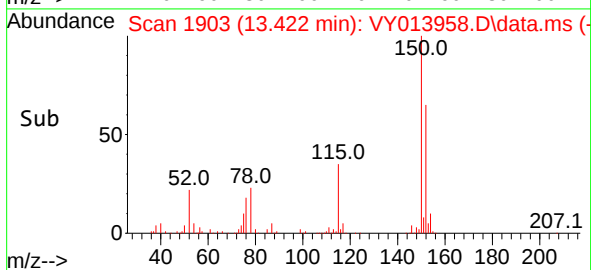
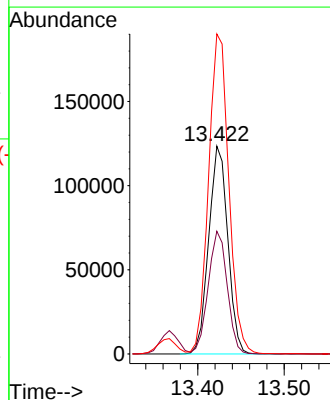
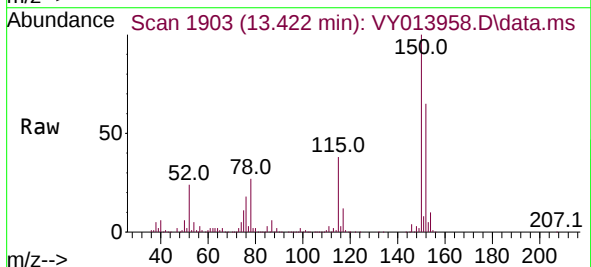
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

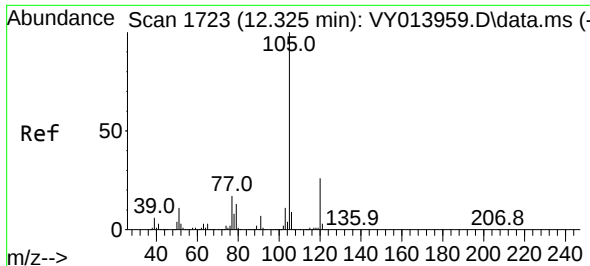
Tgt Ion:173 Resp: 44588
Ion Ratio Lower Upper
173 100
175 48.5 24.6 73.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

Tgt Ion:152 Resp: 189097
Ion Ratio Lower Upper
152 100
115 58.8 28.8 86.5
150 163.1 0.0 348.8

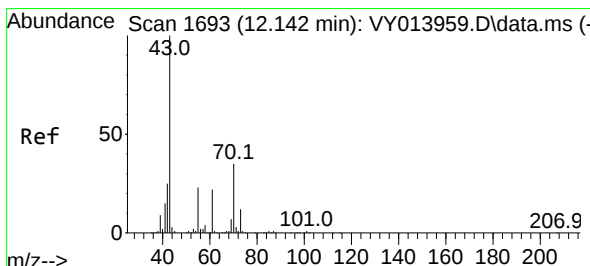
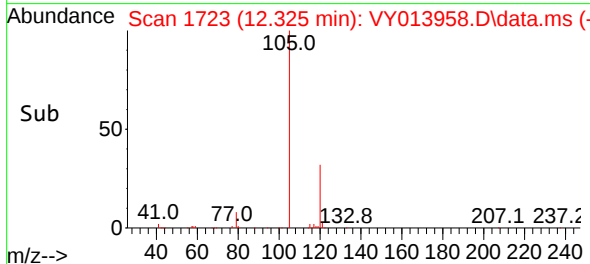
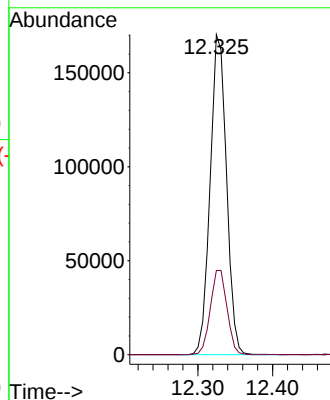
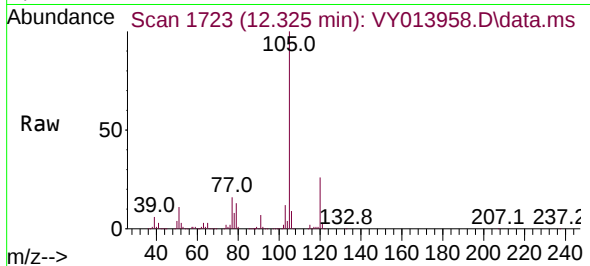




#73
Isopropylbenzene
Concen: 20.725 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

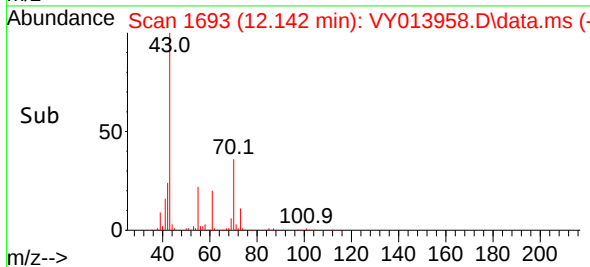
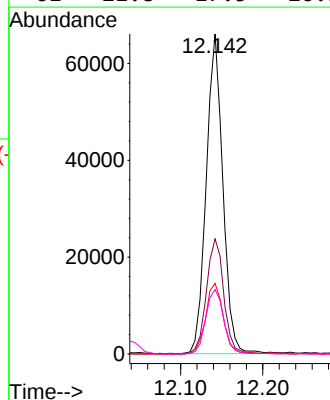
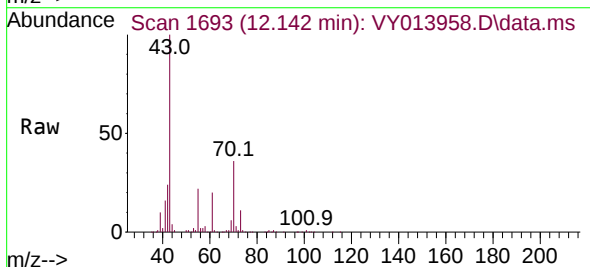
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

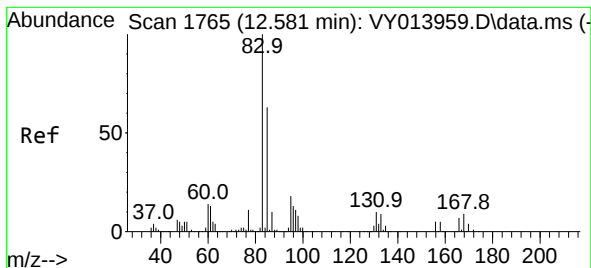
Tgt Ion:105 Resp: 258672
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.9



#74
N-ethyl acetate
Concen: 19.385 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

Tgt Ion: 43 Resp: 92828
Ion Ratio Lower Upper
43 100
70 37.6 29.7 44.5
55 23.3 18.3 27.5
61 21.8 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.825 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

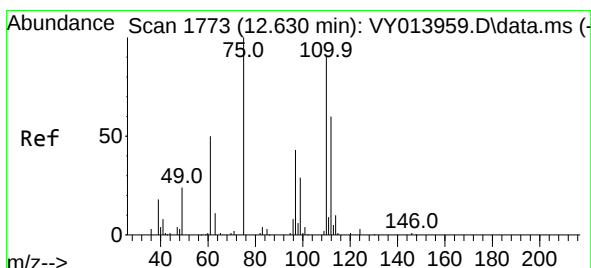
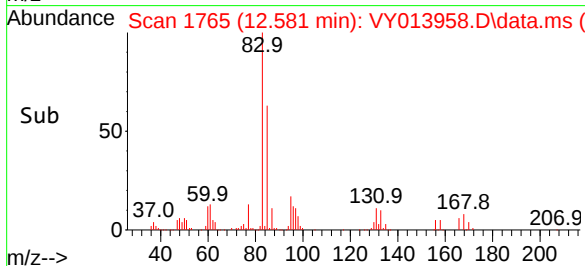
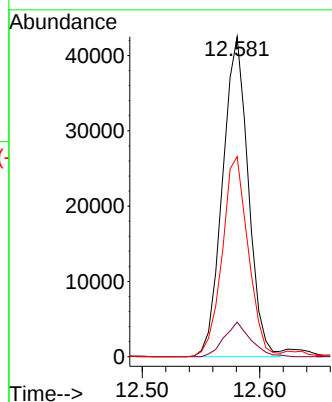
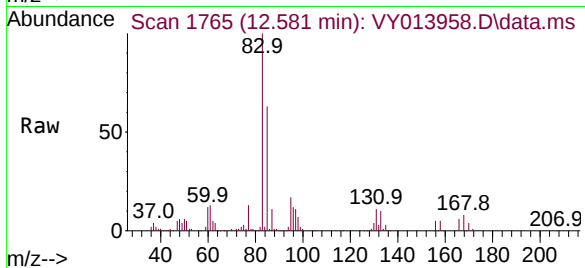
Tgt Ion: 83 Resp: 64669

Ion Ratio Lower Upper

83 100

131 11.1 5.4 16.2

85 63.2 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 33.648 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY013958.D

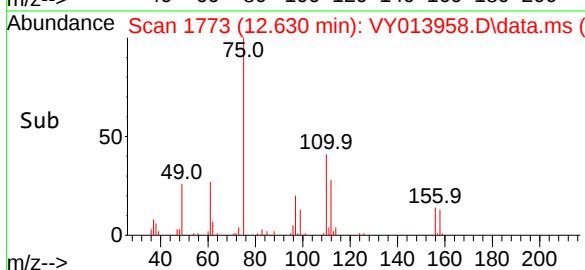
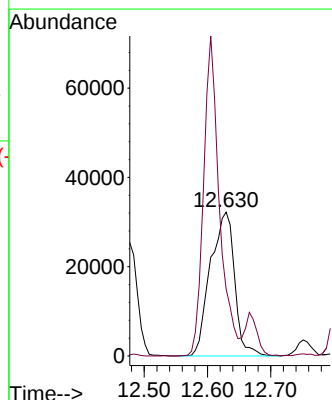
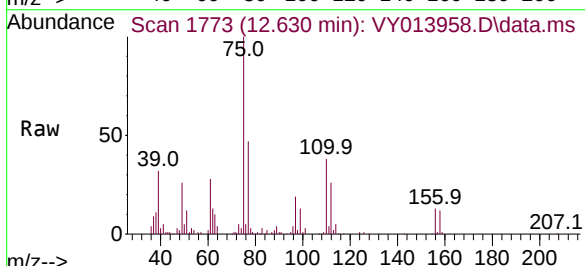
Acq: 01 Jun 2023 11:50

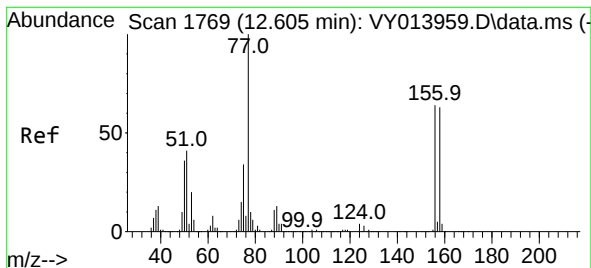
Tgt Ion: 75 Resp: 85791

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.876 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

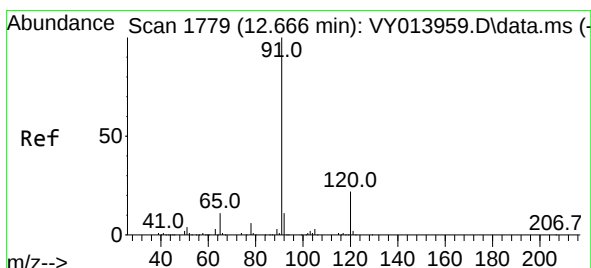
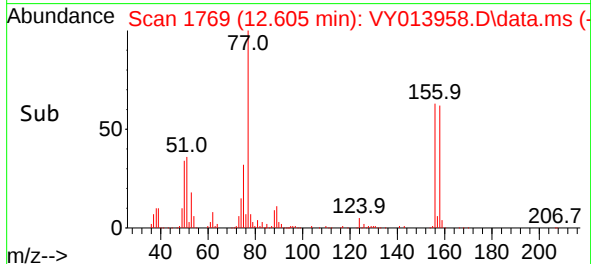
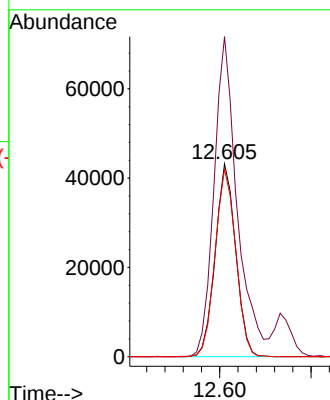
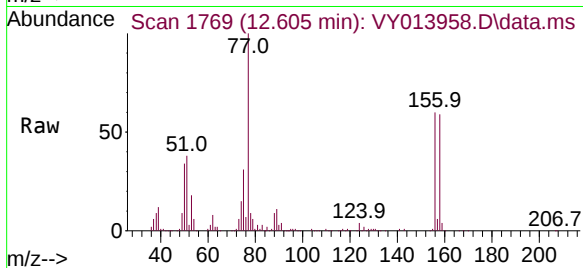
Tgt Ion:156 Resp: 67063

Ion Ratio Lower Upper

156 100

77 186.7 92.8 278.6

158 98.7 48.4 145.3



#78

n-propylbenzene

Concen: 21.078 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VY013958.D

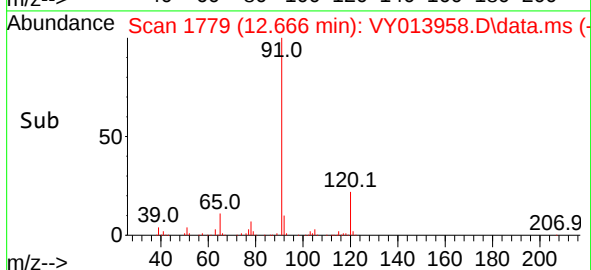
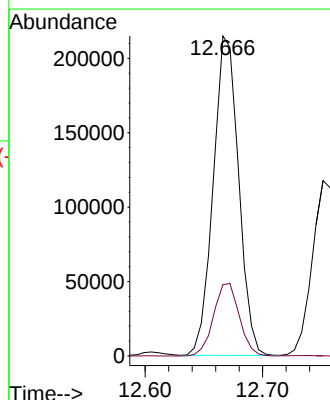
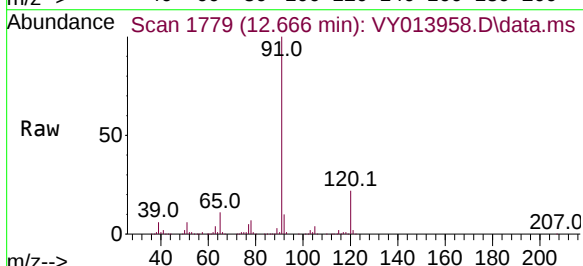
Acq: 01 Jun 2023 11:50

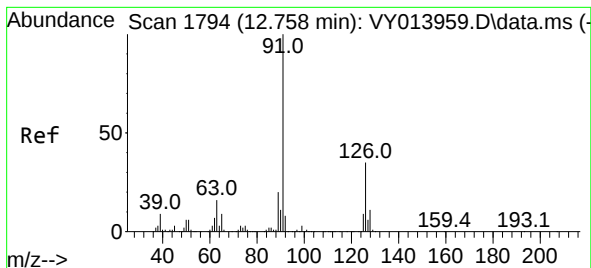
Tgt Ion: 91 Resp: 322419

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 20.500 ug/l

RT: 12.751 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

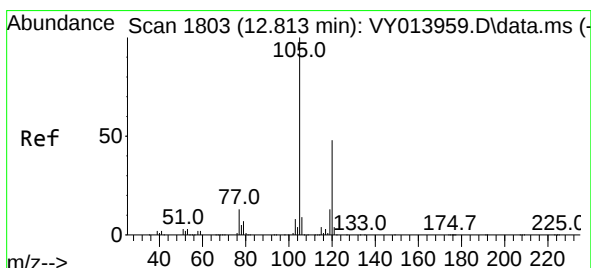
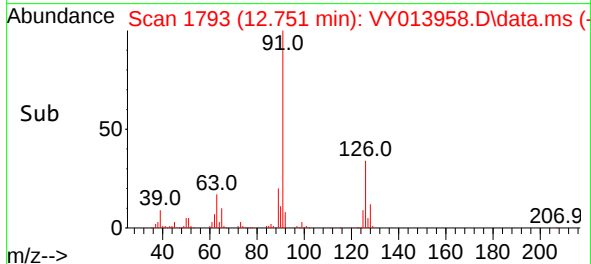
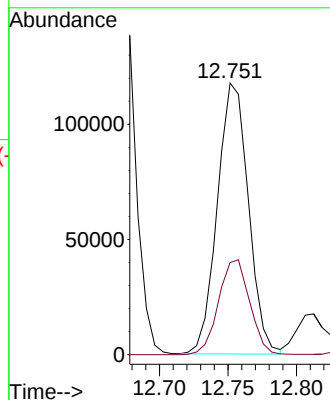
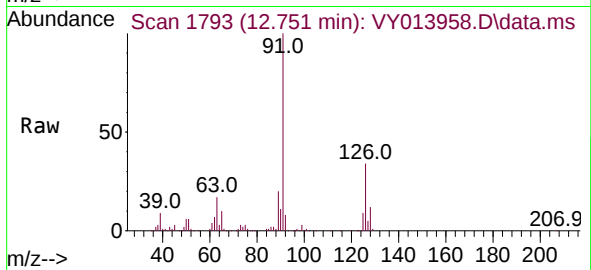
VSTDIC020

Tgt Ion: 91 Resp: 185640

Ion Ratio Lower Upper

91 100

126 35.1 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 20.880 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY013958.D

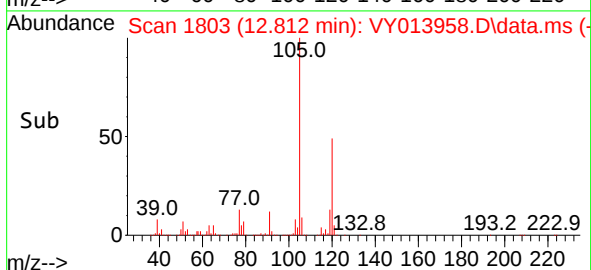
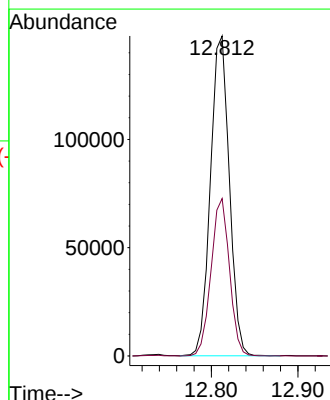
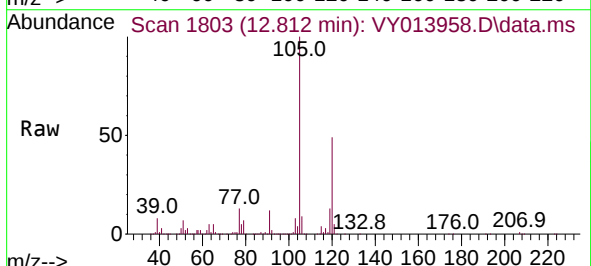
Acq: 01 Jun 2023 11:50

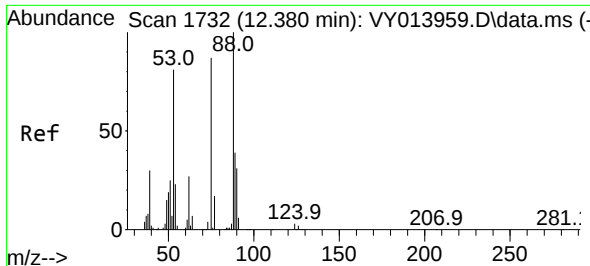
Tgt Ion: 105 Resp: 223362

Ion Ratio Lower Upper

105 100

120 48.1 23.9 71.7

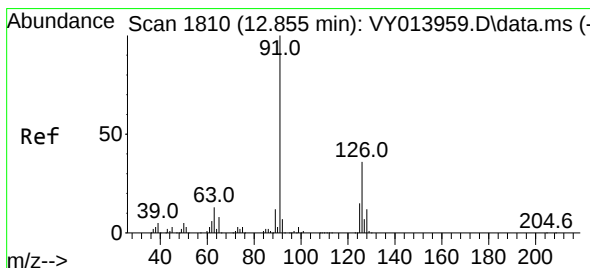
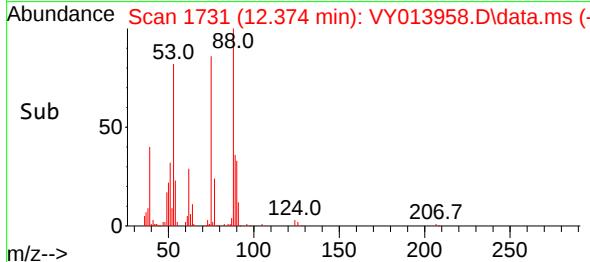
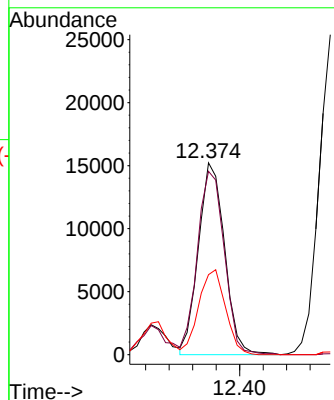
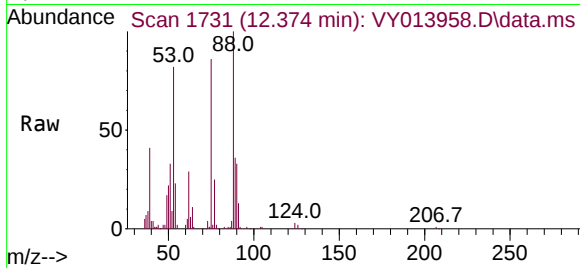




#81
trans-1,4-Dichloro-2-butene
Concen: 19.696 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

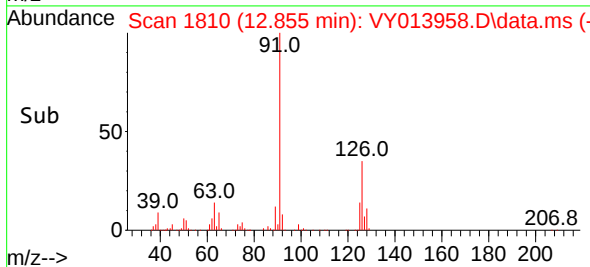
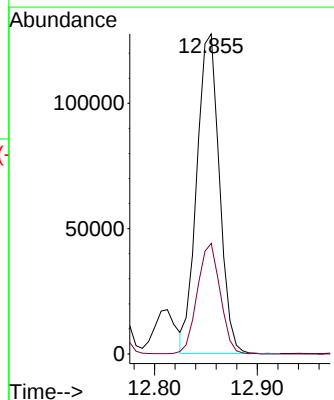
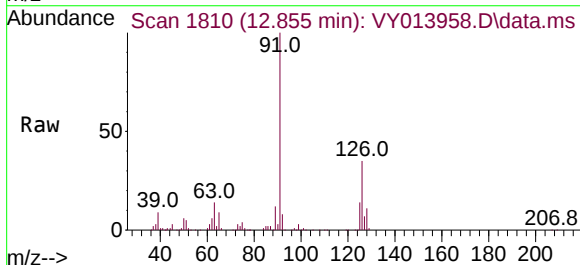
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

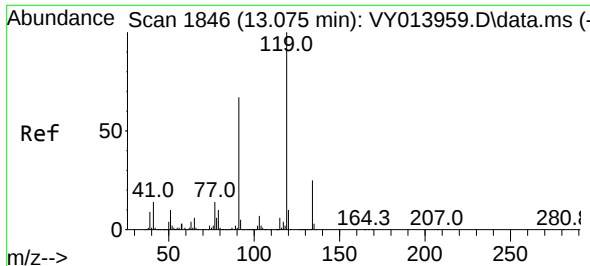
Tgt Ion: 75 Resp: 23625
Ion Ratio Lower Upper
75 100
53 98.0 77.8 116.8
89 45.3 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.483 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

Tgt Ion: 91 Resp: 195078
Ion Ratio Lower Upper
91 100
126 35.1 17.2 51.6

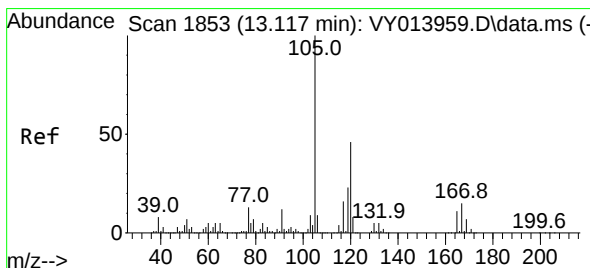
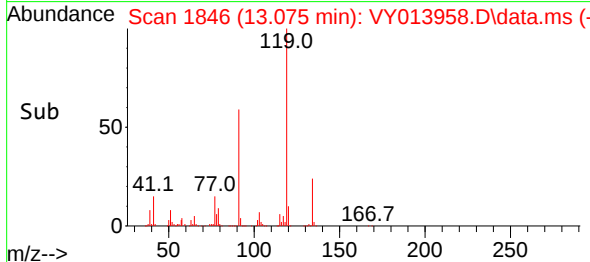
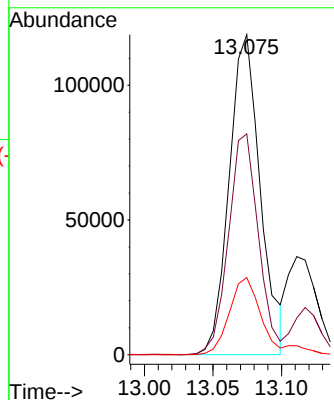
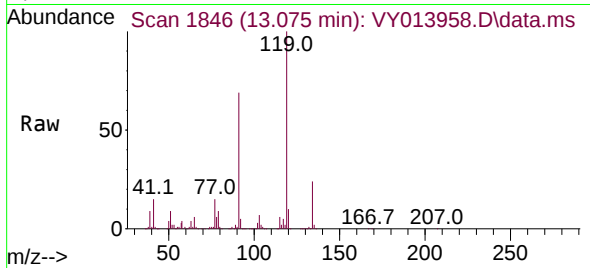




#83
 tert-Butylbenzene
 Concen: 20.987 ug/l
 RT: 13.075 min Scan# 1846
 Delta R.T. -0.000 min
 Lab File: VY013958.D
 Acq: 01 Jun 2023 11:50

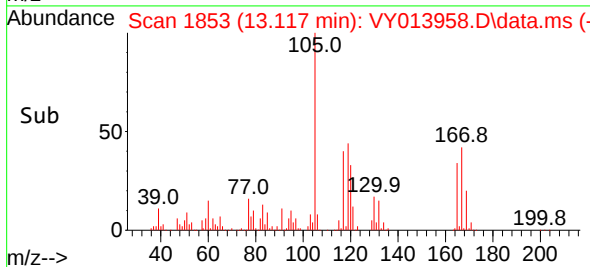
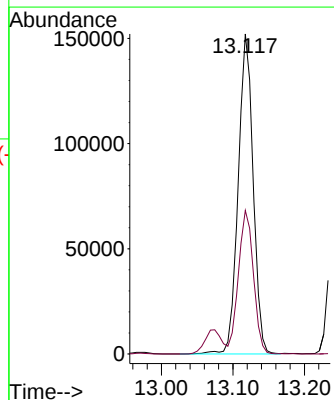
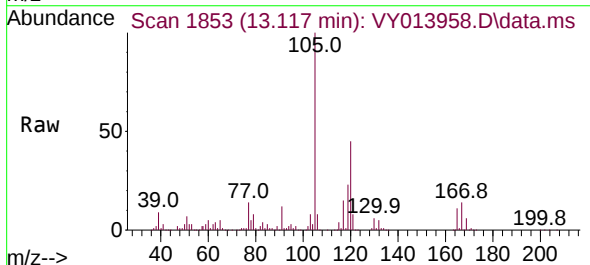
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

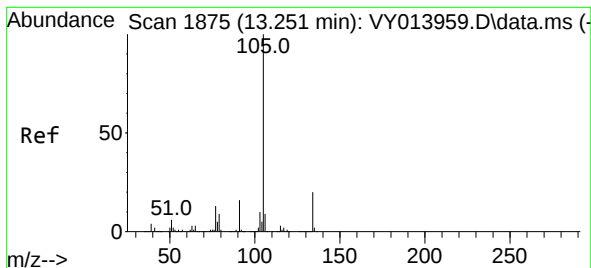
Tgt Ion:119 Resp: 188002
 Ion Ratio Lower Upper
 119 100
 91 66.5 32.9 98.6
 134 25.9 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.692 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VY013958.D
 Acq: 01 Jun 2023 11:50

Tgt Ion:105 Resp: 221083
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.2 66.6





#85

sec-Butylbenzene

Concen: 21.500 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

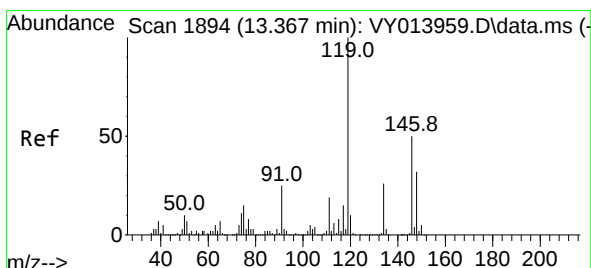
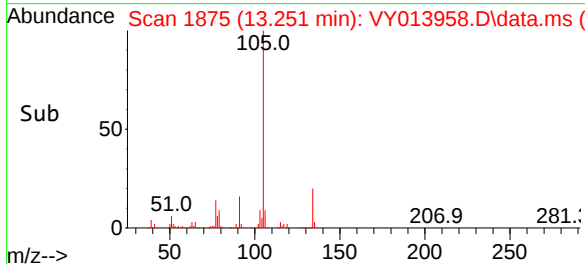
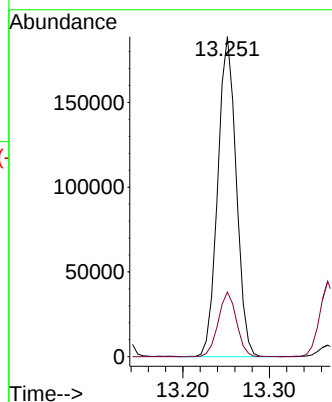
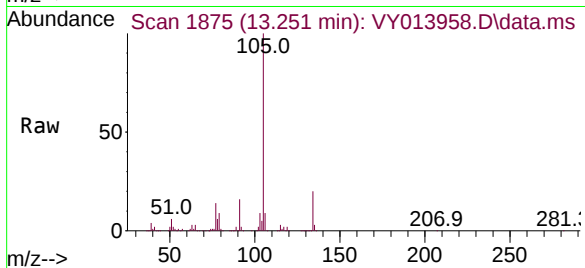
VSTDICC020

Tgt Ion:105 Resp: 280063

Ion Ratio Lower Upper

105 100

134 20.0 10.2 30.6



#86

p-Isopropyltoluene

Concen: 21.322 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

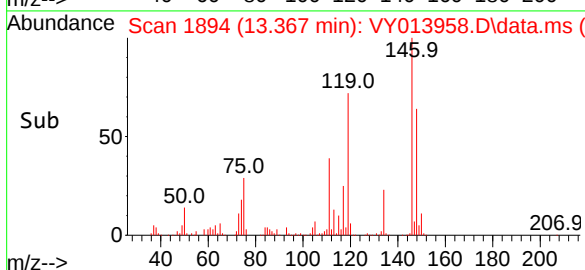
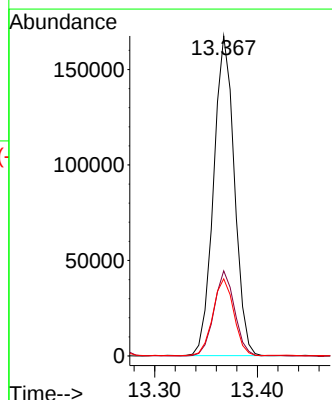
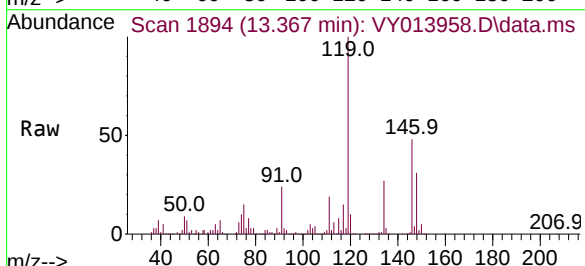
Tgt Ion:119 Resp: 234444

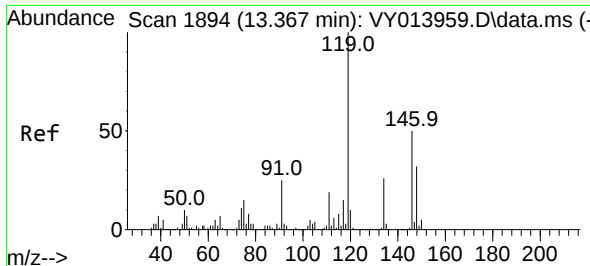
Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

91 24.2 12.4 37.4

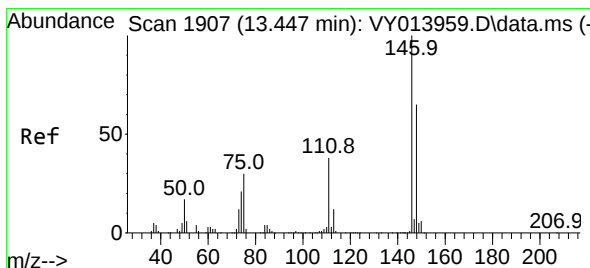
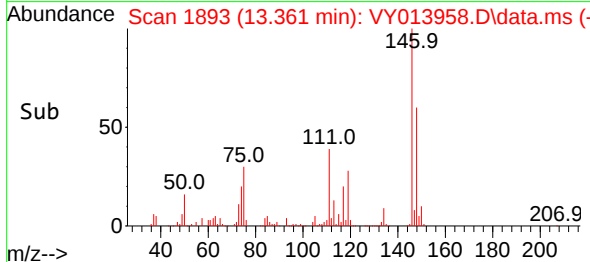
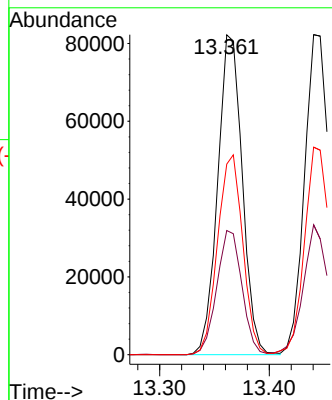
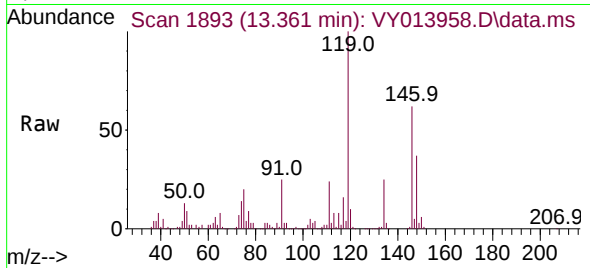




#87
1,3-Dichlorobenzene
Concen: 20.052 ug/l
RT: 13.361 min Scan# 1894
Delta R.T. -0.006 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

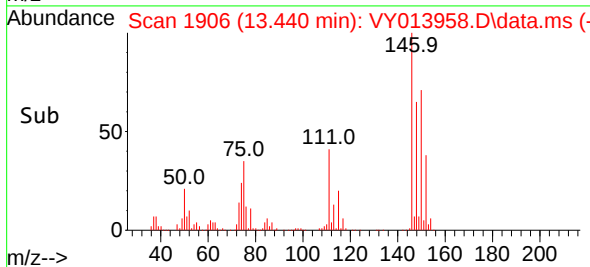
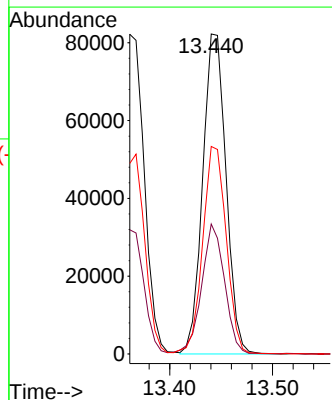
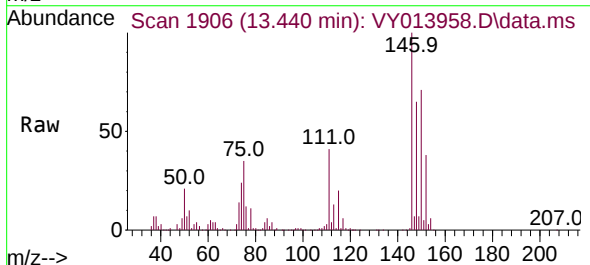
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

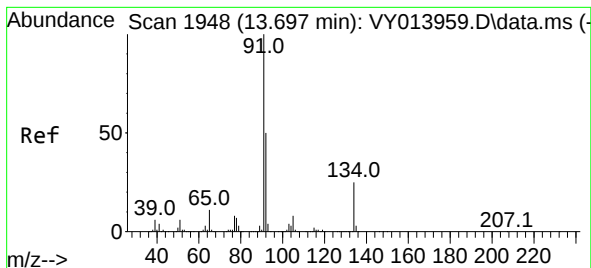
Tgt Ion:146 Resp: 128484
Ion Ratio Lower Upper
146 100
111 39.5 19.4 58.2
148 63.9 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 20.042 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

Tgt Ion:146 Resp: 129906
Ion Ratio Lower Upper
146 100
111 39.8 18.9 56.7
148 65.4 32.1 96.5





#89

n-Butylbenzene

Concen: 21.108 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

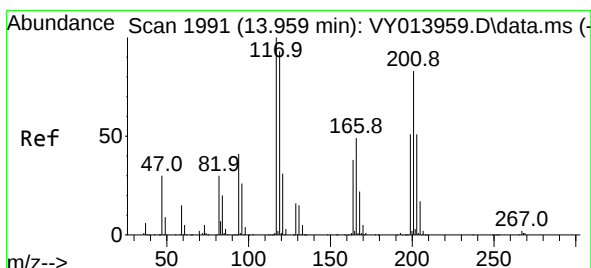
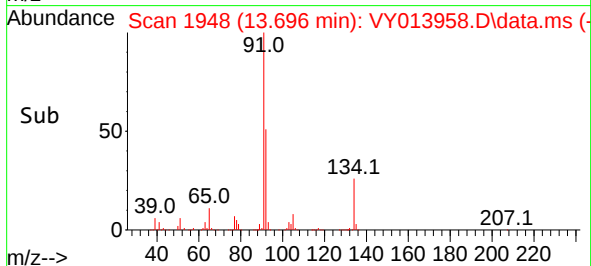
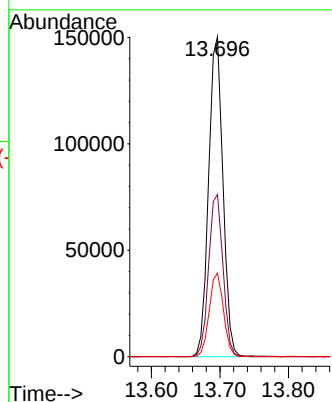
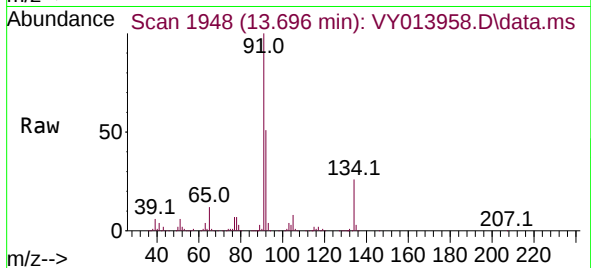
Tgt Ion: 91 Resp: 218991

Ion Ratio Lower Upper

91 100

92 50.8 25.4 76.0

134 25.9 12.6 37.6



#90

Hexachloroethane

Concen: 20.700 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY013958.D

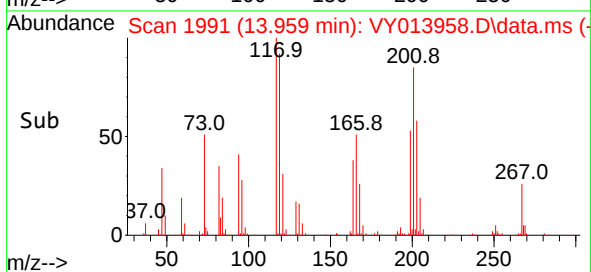
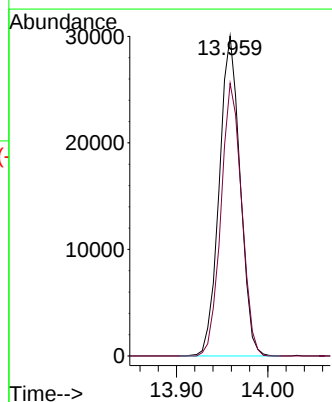
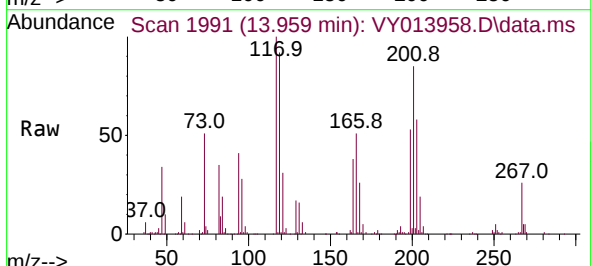
Acq: 01 Jun 2023 11:50

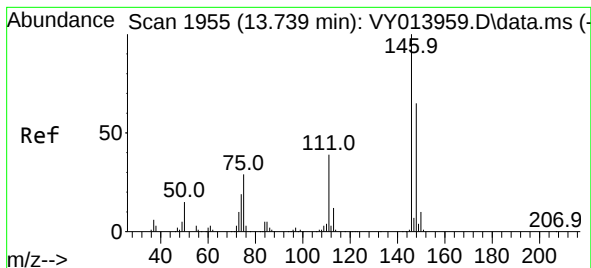
Tgt Ion: 117 Resp: 47769

Ion Ratio Lower Upper

117 100

201 84.1 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 20.241 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

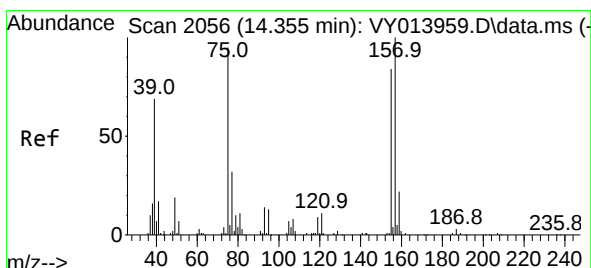
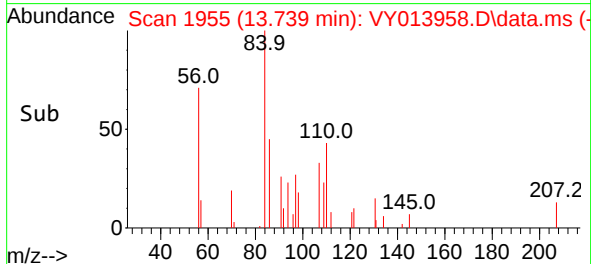
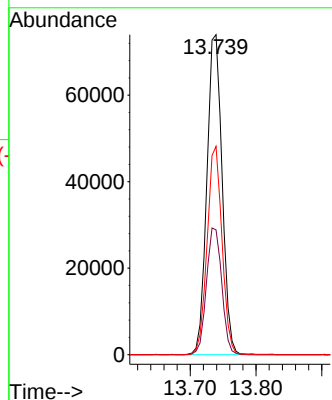
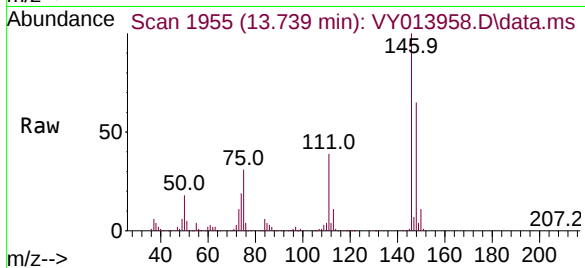
Tgt Ion:146 Resp: 119482

Ion Ratio Lower Upper

146 100

111 39.7 19.7 59.0

148 63.5 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.055 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

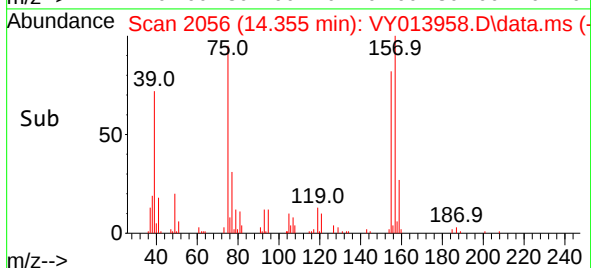
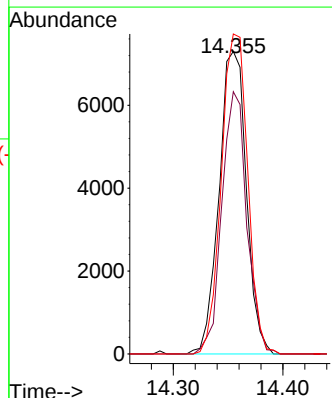
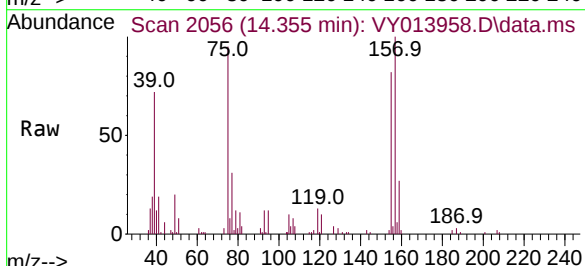
Tgt Ion: 75 Resp: 12618

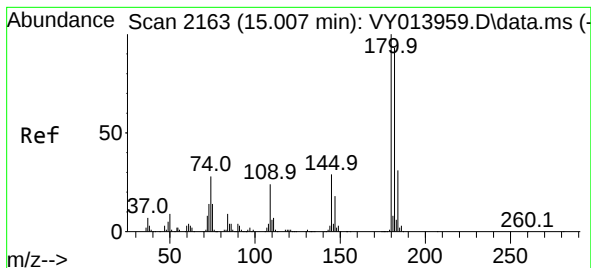
Ion Ratio Lower Upper

75 100

155 79.5 41.5 124.6

157 102.3 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.809 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

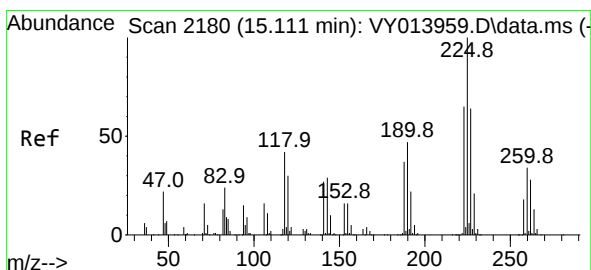
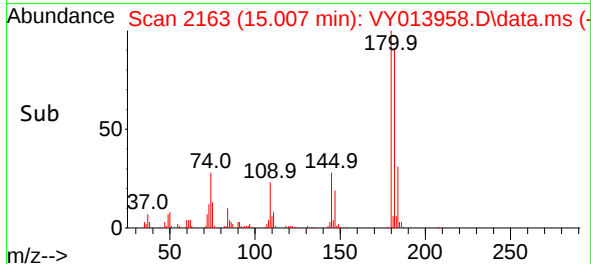
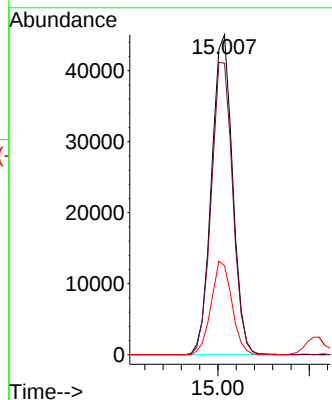
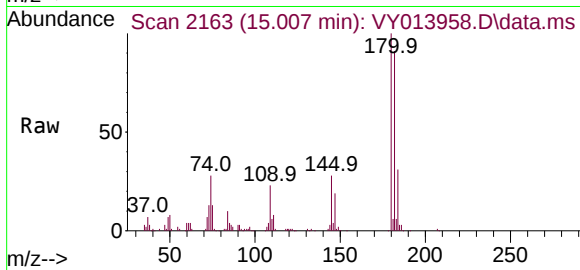
Tgt Ion:180 Resp: 71883

Ion Ratio Lower Upper

180 100

182 93.3 47.0 141.2

145 28.9 14.5 43.5



#94

Hexachlorobutadiene

Concen: 21.618 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

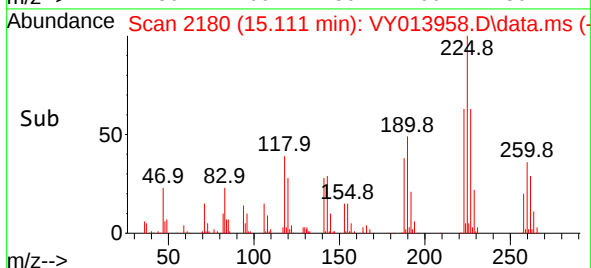
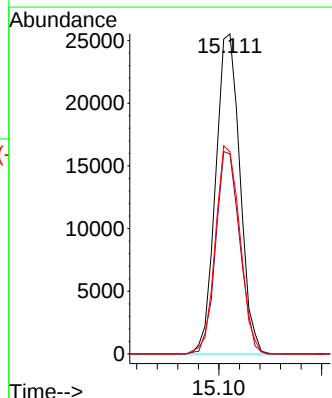
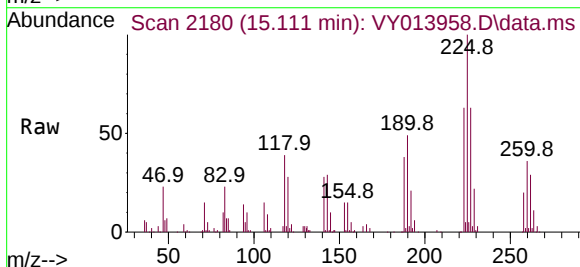
Tgt Ion:225 Resp: 41784

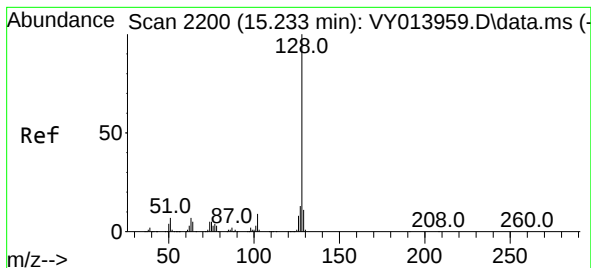
Ion Ratio Lower Upper

225 100

223 62.6 31.9 95.9

227 65.7 33.0 98.9





#95

Naphthalene

Concen: 19.031 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

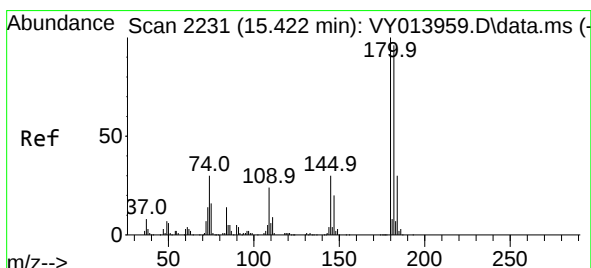
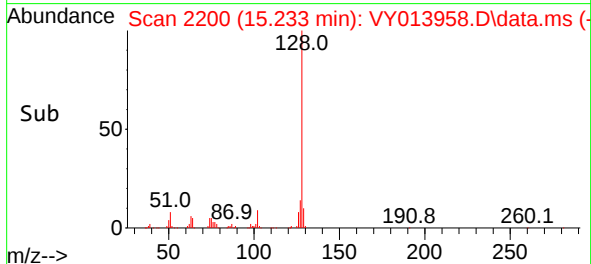
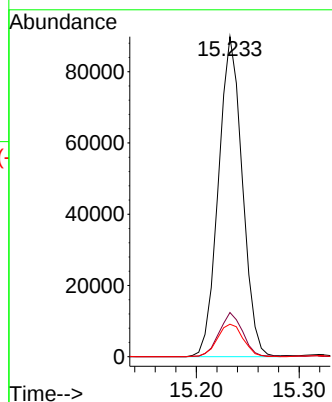
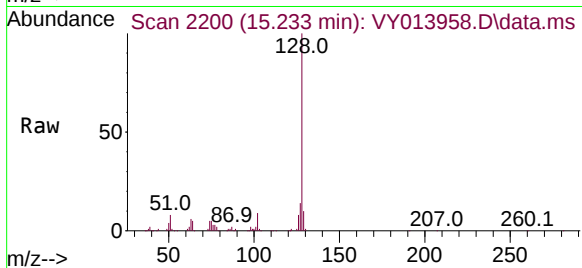
Tgt Ion:128 Resp: 144974

Ion Ratio Lower Upper

128 100

127 13.7 10.8 16.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.539 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

Tgt Ion:180 Resp: 64579

Ion Ratio Lower Upper

180 100

182 92.9 47.3 141.8

145 31.3 15.4 46.2

