

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080723\
 Data File : VY014965.D
 Acq On : 07 Aug 2023 15:48
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Quant Time: Aug 08 07:49:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	312901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	516702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	462274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	229979	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	38047	10.032	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	20.060%#
35) Dibromofluoromethane	7.716	113	32380	9.800	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	19.600%#
50) Toluene-d8	10.179	98	124437	9.894	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	19.780%#
62) 4-Bromofluorobenzene	12.477	95	44753	10.040	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	20.080%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	21836	10.049	ug/l	99
3) Chloromethane	2.113	50	28110	11.415	ug/l	98
4) Vinyl Chloride	2.241	62	33589	11.070	ug/l	99
5) Bromomethane	2.638	94	26647	10.335	ug/l	93
6) Chloroethane	2.784	64	22870	10.916	ug/l	98
7) Trichlorofluoromethane	3.113	101	51445	10.729	ug/l	100
8) Diethyl Ether	3.522	74	18127	10.245	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.893	101	31101	10.957	ug/l	93
10) Methyl Iodide	4.082	142	28213	9.613	ug/l	99
11) Tert butyl alcohol	4.942	59	53223	58.150	ug/l	98
12) 1,1-Dichloroethene	3.863	96	26280	10.626	ug/l	93
13) Acrolein	3.723	56	13905	44.658	ug/l	97
14) Allyl chloride	4.466	41	42520	10.324	ug/l	96
15) Acrylonitrile	5.155	53	54662	50.567	ug/l	100
16) Acetone	3.942	43	62759	53.068	ug/l	96
17) Carbon Disulfide	4.186	76	59869	10.949	ug/l	99
18) Methyl Acetate	4.473	43	43038	9.993	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	95248	10.179	ug/l	100
20) Methylene Chloride	4.704	84	100812	11.062	ug/l	92
21) trans-1,2-Dichloroethene	5.210	96	30469	10.808	ug/l	84
22) Diisopropyl ether	6.112	45	98682	10.287	ug/l	95
23) Vinyl Acetate	6.058	43	287829	49.911	ug/l	95
24) 1,1-Dichloroethane	6.009	63	56072	10.305	ug/l	98
25) 2-Butanone	6.978	43	87301	51.540	ug/l	97
26) 2,2-Dichloropropane	6.978	77	58727	10.666	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	37336	10.465	ug/l	98
28) Bromochloromethane	7.326	49	25028	10.203	ug/l	88
29) Tetrahydrofuran	7.344	42	50093	50.431	ug/l	90
30) Chloroform	7.502	83	60791	10.284	ug/l	94
31) Cyclohexane	7.783	56	48514	9.523	ug/l #	79
32) 1,1,1-Trichloroethane	7.698	97	53731	10.315	ug/l	99
36) 1,1-Dichloropropene	7.917	75	42923	10.463	ug/l	99
37) Ethyl Acetate	7.076	43	32022	9.834	ug/l #	93
38) Carbon Tetrachloride	7.899	117	46899	10.170	ug/l	97
39) Methylcyclohexane	9.179	83	50718	10.396	ug/l	94
40) Benzene	8.155	78	125216	10.366	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	45404	28.693	ug/l #	29
42) 1,2-Dichloroethane	8.234	62	42548	10.119	ug/l	96
43) Isopropyl Acetate	8.271	43	59573	9.847	ug/l	92
44) Trichloroethene	8.941	130	35781	10.323	ug/l	90
45) 1,2-Dichloropropane	9.216	63	32374	10.084	ug/l	95
46) Dibromomethane	9.301	93	20866	10.090	ug/l	99
47) Bromodichloromethane	9.490	83	47960	10.071	ug/l #	99
48) Methyl methacrylate	9.289	41	25634	9.657	ug/l	91
49) 1,4-Dioxane	9.295	88	7705	200.300	ug/l #	51
51) 4-Methyl-2-Pentanone	10.069	43	168118	49.312	ug/l	94
52) Toluene	10.240	92	79301	10.202	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	49132	9.907	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	53141	9.918	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	30915	10.285	ug/l	91
56) Ethyl methacrylate	10.508	69	42365	9.843	ug/l	91
57) 1,3-Dichloropropane	10.788	76	50010	10.056	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.776	63	103822	51.017	ug/l	93
59) 2-Hexanone	10.825	43	123899	49.196	ug/l	92
60) Dibromochloromethane	10.984	129	35608	9.949	ug/l	99
61) 1,2-Dibromoethane	11.087	107	29447	10.264	ug/l	98
64) Tetrachloroethene	10.715	164	37164	10.688	ug/l	95
65) Chlorobenzene	11.514	112	89402	10.192	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	35046	10.196	ug/l	98
67) Ethyl Benzene	11.587	91	157185	10.211	ug/l	98
68) m/p-Xylenes	11.697	106	121652	20.658	ug/l	94
69) o-Xylene	12.026	106	58327	10.122	ug/l	98
70) Styrene	12.038	104	98923	10.045	ug/l	97
71) Bromoform	12.203	173	23262	9.819	ug/l #	99
73) Isopropylbenzene	12.325	105	155990	10.090	ug/l	100
74) N-amyl acetate	12.142	43	52174	9.878	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	37162	9.836	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	48045	17.435	ug/l #	100
77) Bromobenzene	12.605	156	38613	10.297	ug/l	99
78) n-propylbenzene	12.666	91	189355	10.241	ug/l	99
79) 2-Chlorotoluene	12.752	91	106401	10.097	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	129442	10.160	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	12278	9.816	ug/l	92
82) 4-Chlorotoluene	12.849	91	110851	10.175	ug/l	99
83) tert-Butylbenzene	13.069	119	118611	10.177	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	129946	10.181	ug/l	98
85) sec-Butylbenzene	13.251	105	174804	10.220	ug/l	99
86) p-Isopropyltoluene	13.367	119	143590	10.142	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	74222	10.112	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	74839	10.224	ug/l	97
89) n-Butylbenzene	13.690	91	135531	10.188	ug/l	97
90) Hexachloroethane	13.959	117	27488	9.998	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	69871	10.314	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7060	9.571	ug/l	92
93) 1,2,4-Trichlorobenzene	15.001	180	42787	9.870	ug/l	98
94) Hexachlorobutadiene	15.111	225	23570	10.027	ug/l	99
95) Naphthalene	15.233	128	98775	9.684	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	38995	9.938	ug/l	99

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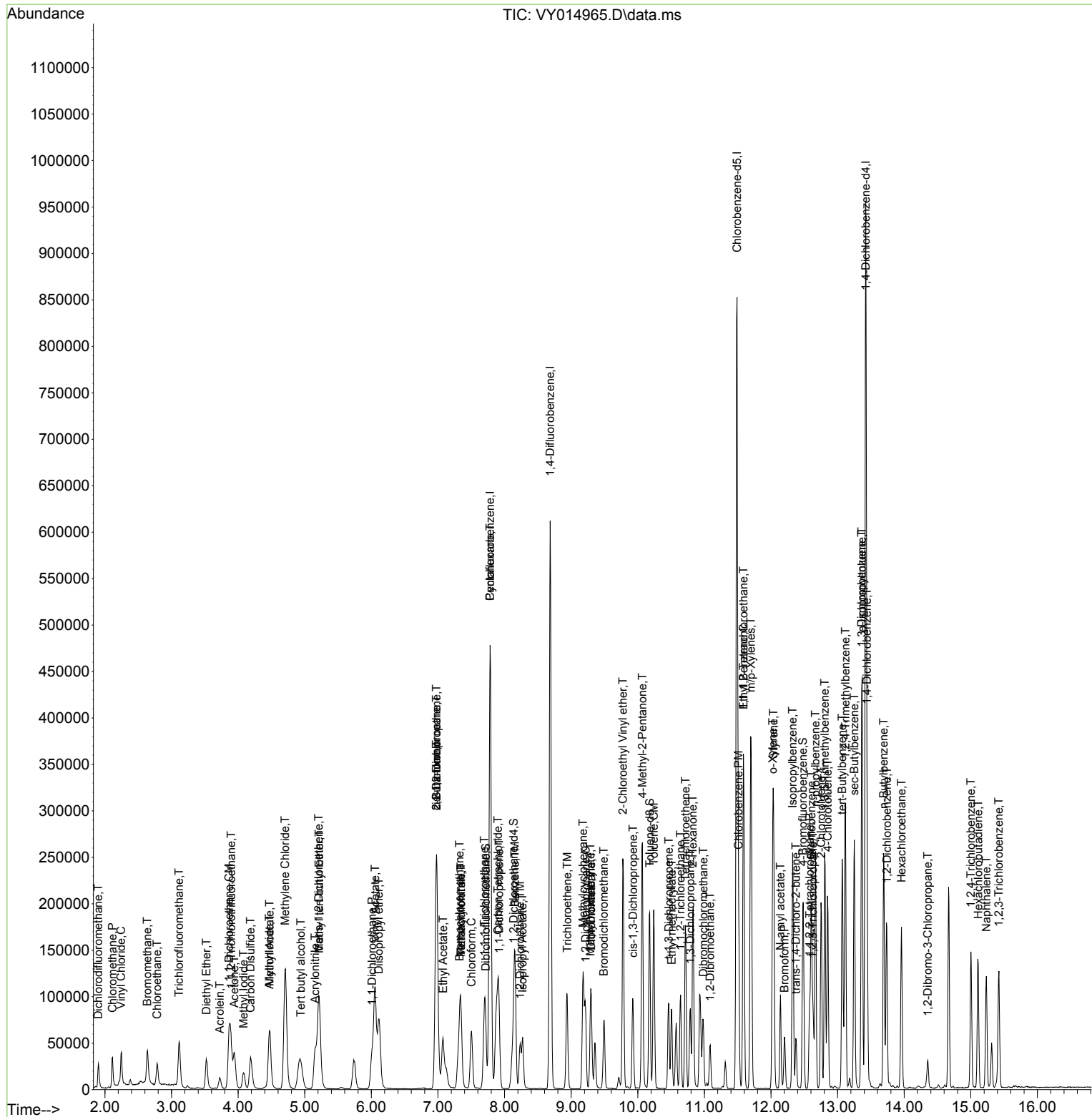
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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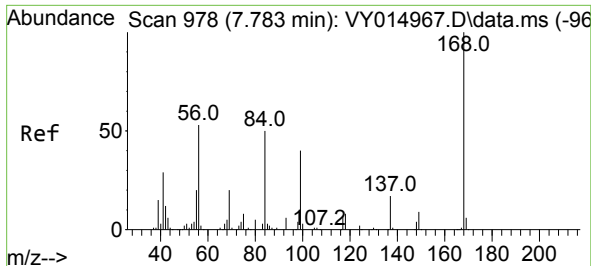
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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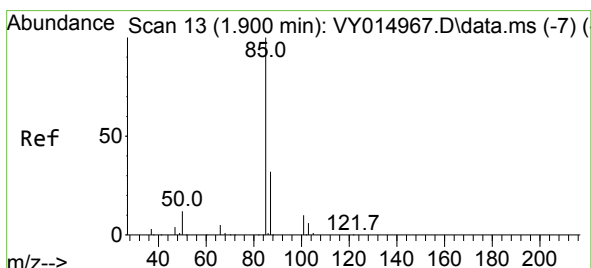
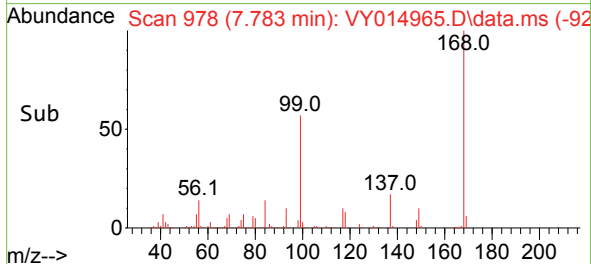
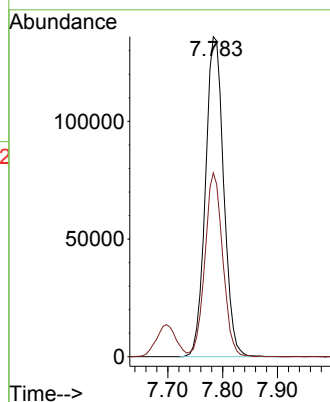
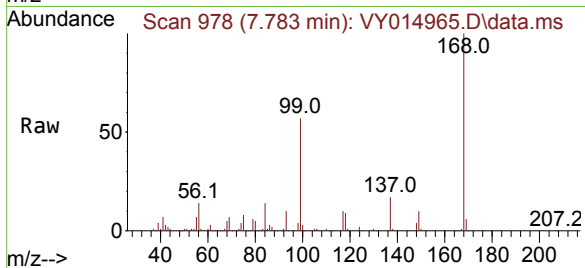




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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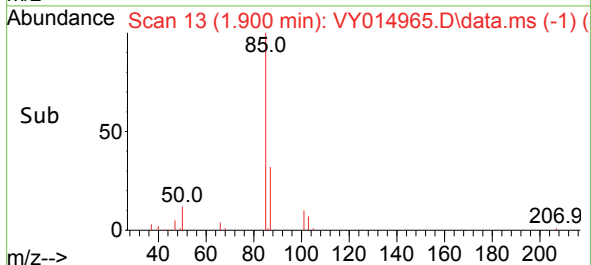
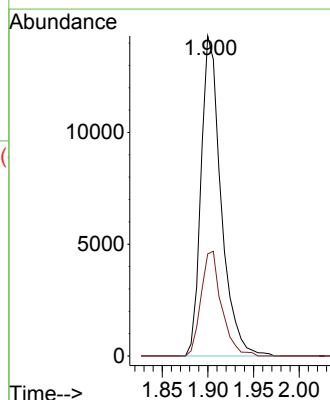
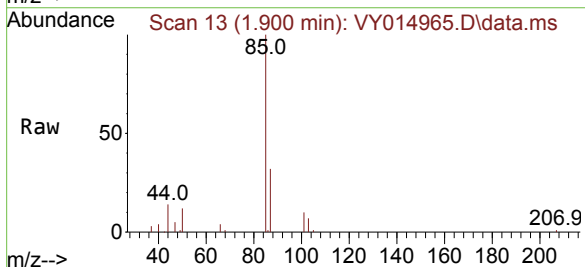
Instrument :
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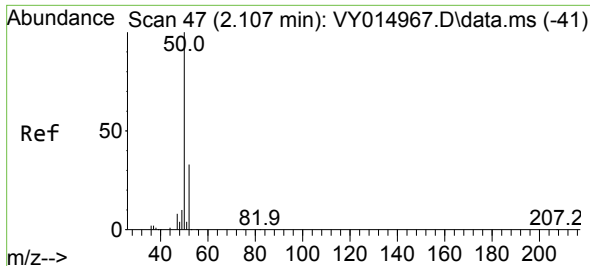
Tgt Ion:168 Resp: 312901
Ion Ratio Lower Upper
168 100
99 57.5 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 10.049 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

Tgt Ion: 85 Resp: 21836
Ion Ratio Lower Upper
85 100
87 31.9 15.6 46.8

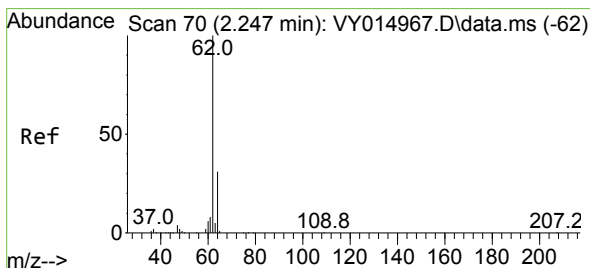
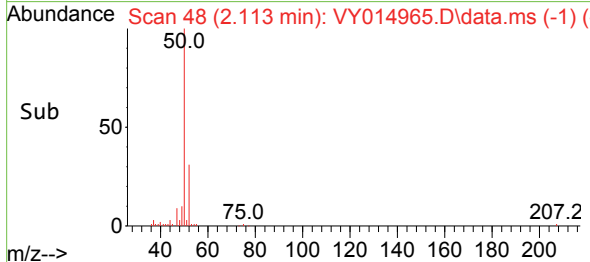
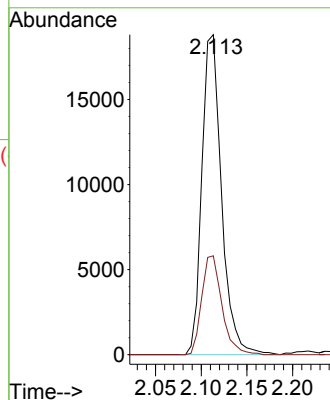
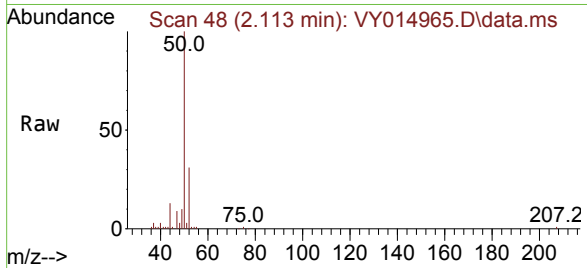




#3
Chloromethane
Concen: 11.415 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

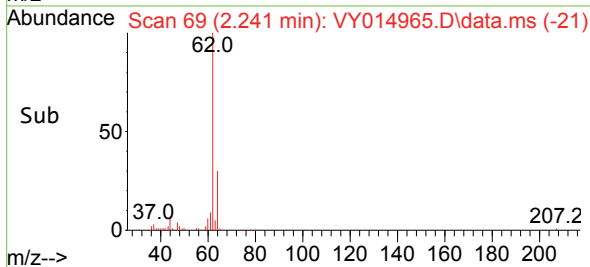
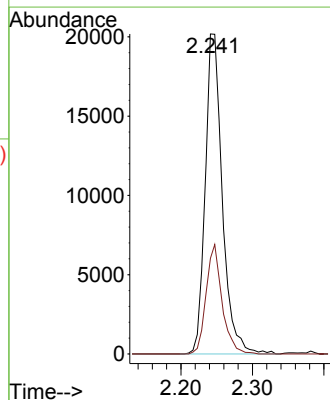
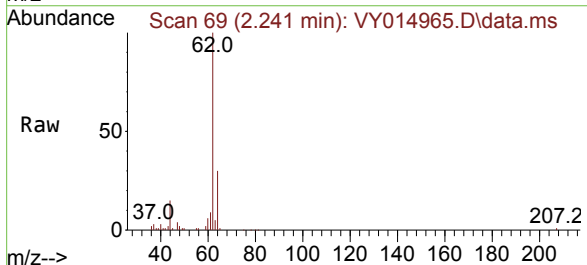
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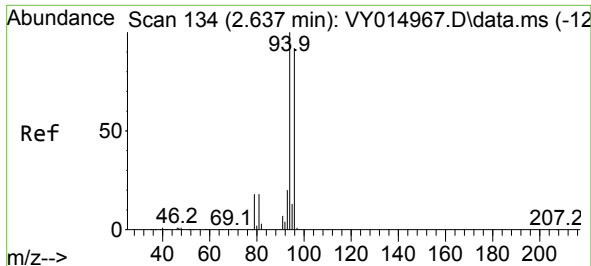
Tgt Ion: 50 Resp: 28110
Ion Ratio Lower Upper
50 100
52 30.9 25.4 38.2



#4
Vinyl Chloride
Concen: 11.070 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

Tgt Ion: 62 Resp: 33589
Ion Ratio Lower Upper
62 100
64 29.9 24.3 36.5

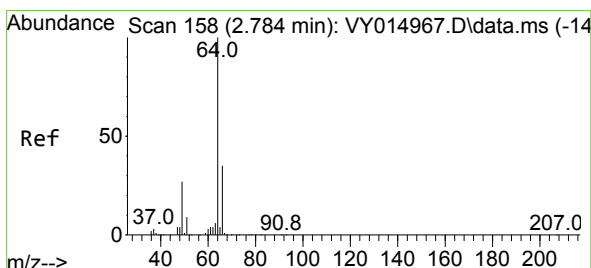
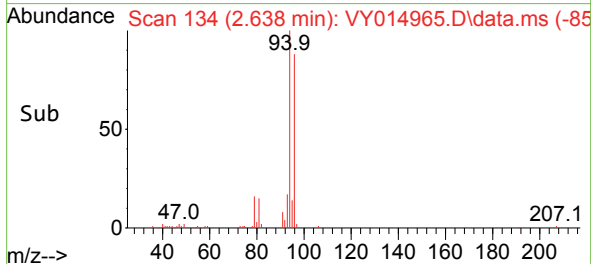
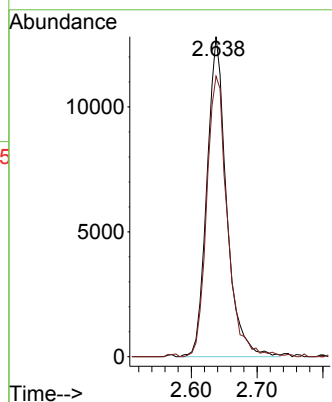
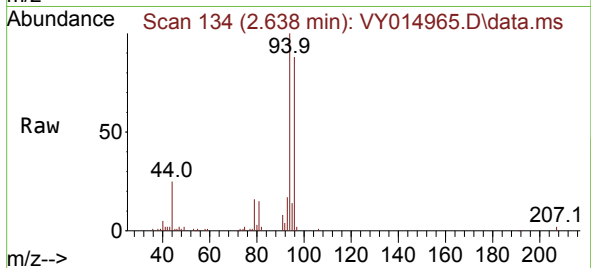




#5
Bromomethane
Concen: 10.335 ug/l
RT: 2.638 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014965.D
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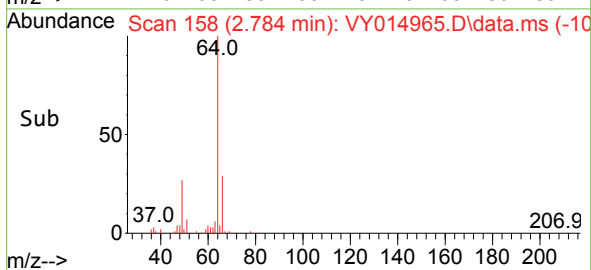
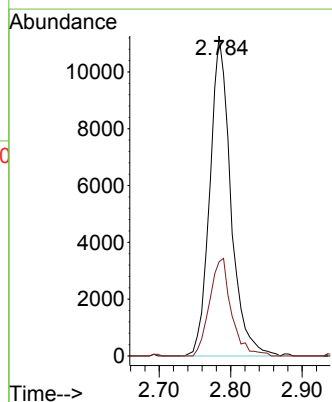
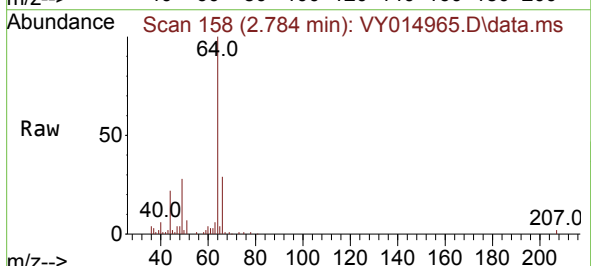
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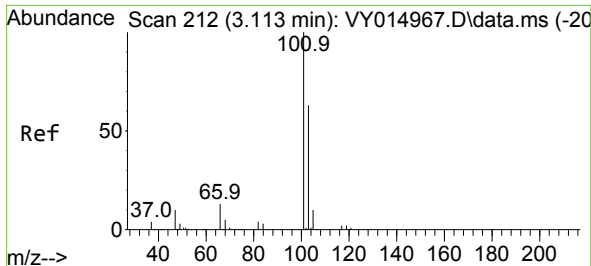
Tgt Ion: 94 Resp: 26647
Ion Ratio Lower Upper
94 100
96 87.7 75.8 113.6



#6
Chloroethane
Concen: 10.916 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.000 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

Tgt Ion: 64 Resp: 22870
Ion Ratio Lower Upper
64 100
66 29.4 24.4 36.6

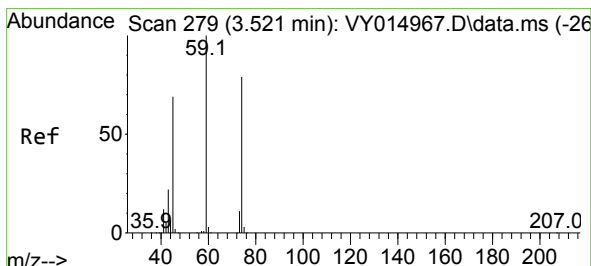
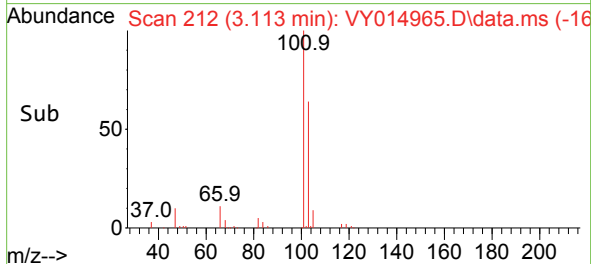
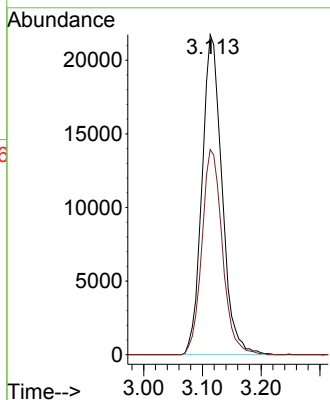
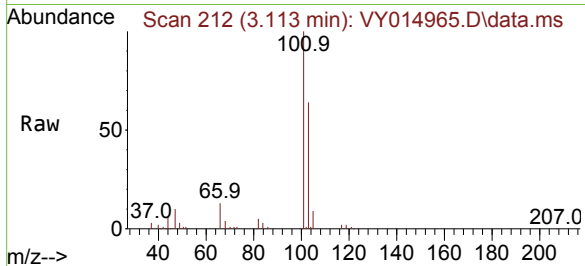




#7
Trichlorofluoromethane
Concen: 10.729 ug/l
RT: 3.113 min Scan# 212
Delta R.T. 0.000 min
Lab File: VY014965.D
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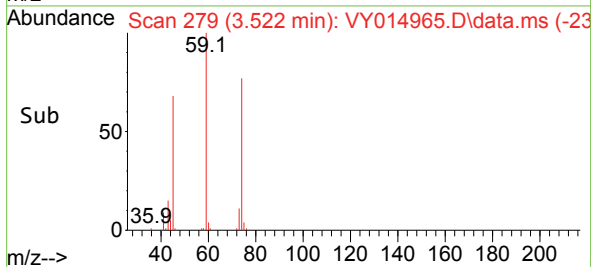
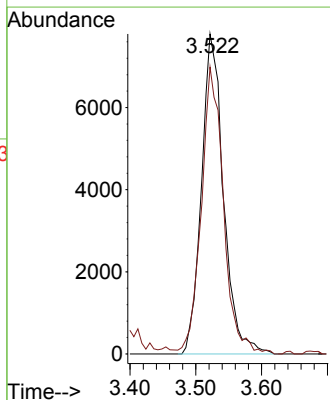
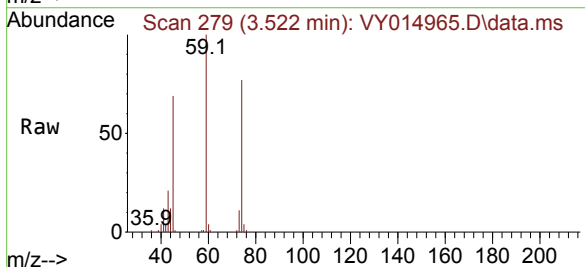
Instrument :
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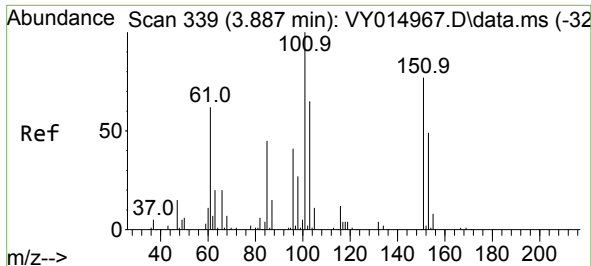
Tgt Ion:101 Resp: 51445
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.0



#8
Diethyl Ether
Concen: 10.245 ug/l
RT: 3.522 min Scan# 279
Delta R.T. 0.000 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

Tgt Ion: 74 Resp: 18127
Ion Ratio Lower Upper
74 100
45 90.4 51.5 154.5

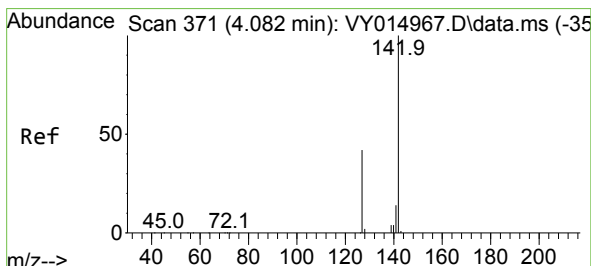
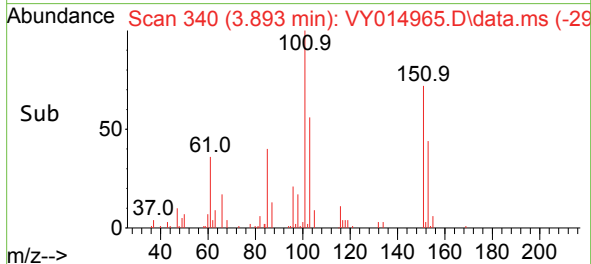
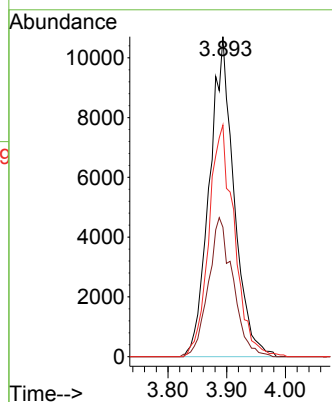
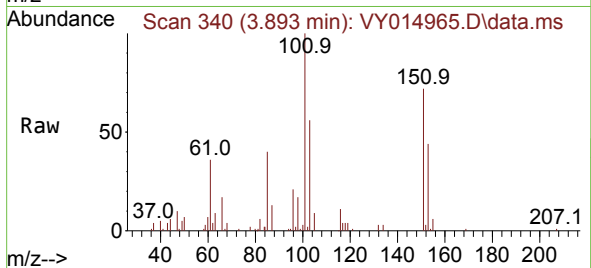




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.957 ug/l
RT: 3.893 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

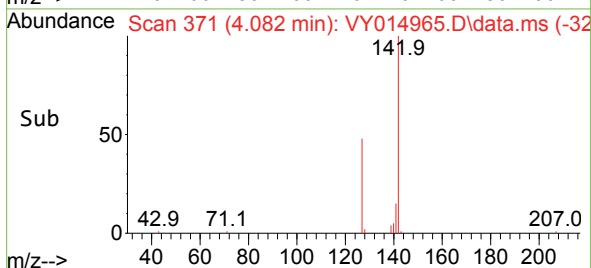
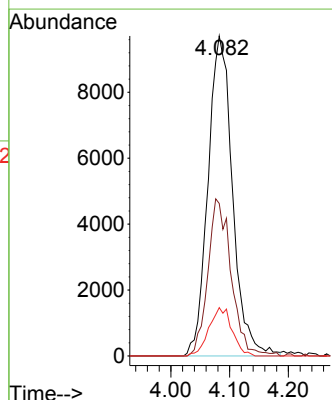
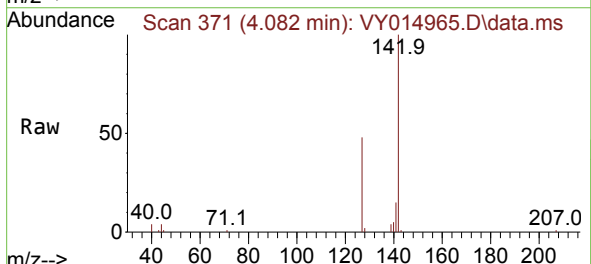
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

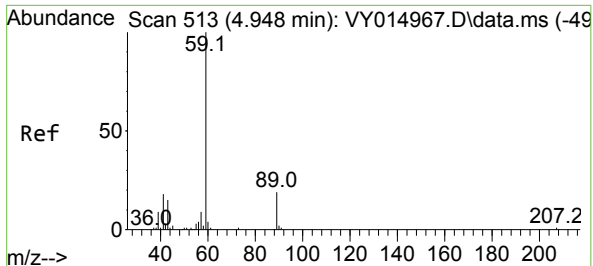
Tgt Ion:101 Resp: 31101
Ion Ratio Lower Upper
101 100
85 43.5 36.6 55.0
151 75.2 67.0 100.6



#10
Methyl Iodide
Concen: 9.613 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

Tgt Ion:142 Resp: 28213
Ion Ratio Lower Upper
142 100
127 46.7 37.6 56.4
141 14.3 11.8 17.8

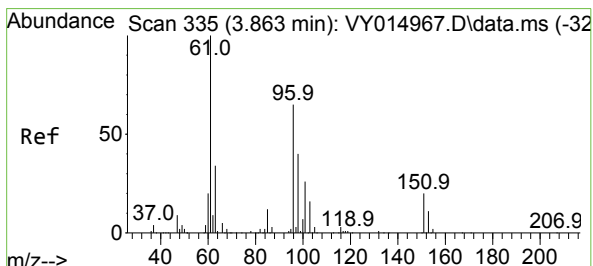
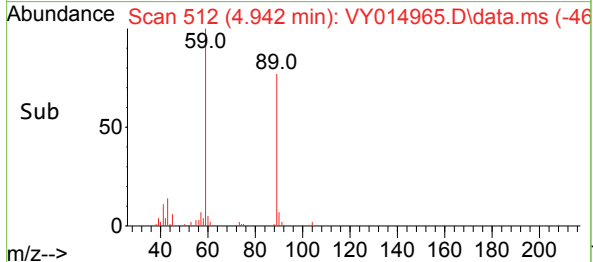
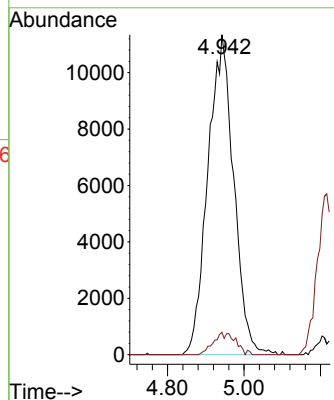
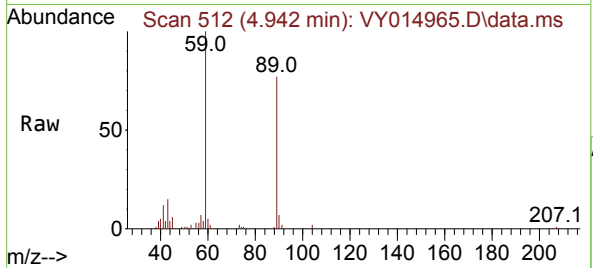




#11
Tert butyl alcohol
Concen: 58.150 ug/l
RT: 4.942 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

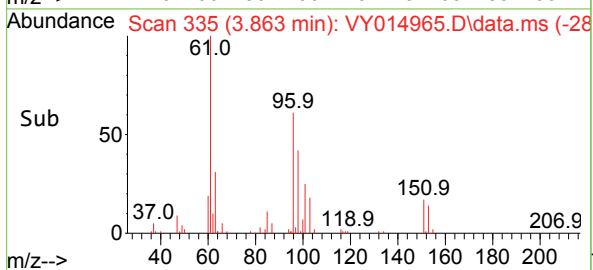
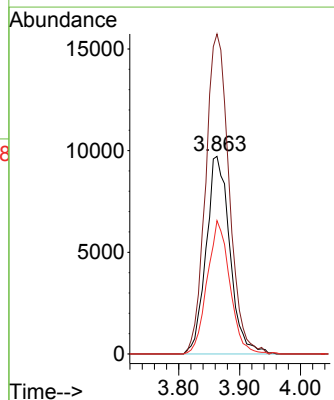
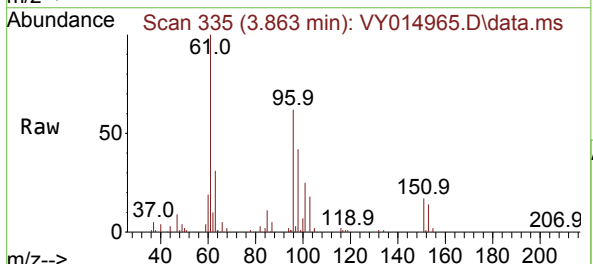
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

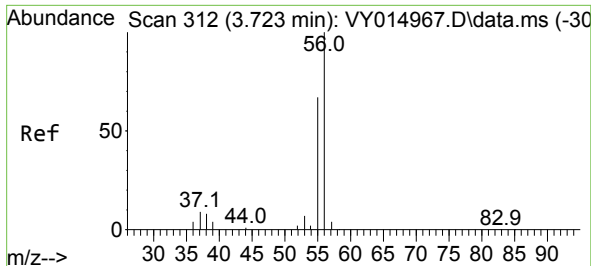
Tgt Ion: 59 Resp: 53223
Ion Ratio Lower Upper
59 100
57 3.1 3.0 4.4



#12
1,1-Dichloroethene
Concen: 10.626 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.000 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

Tgt Ion: 96 Resp: 26280
Ion Ratio Lower Upper
96 100
61 161.9 136.4 204.6
98 67.5 49.4 74.2

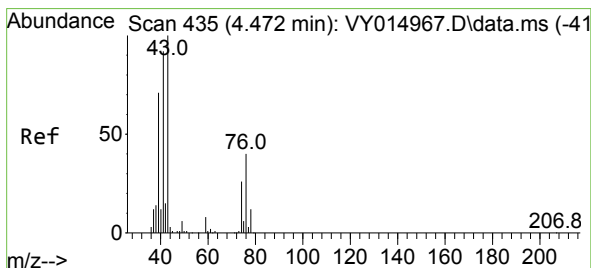
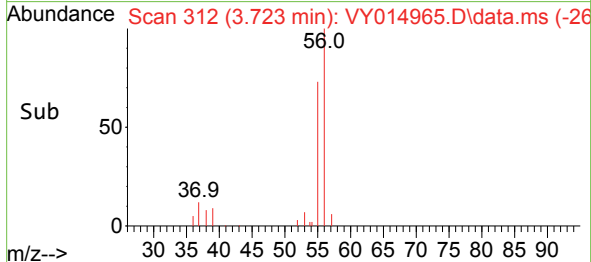
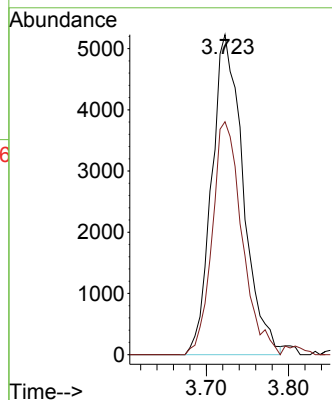
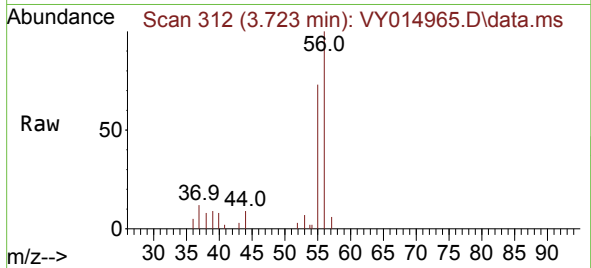




#13
Acrolein
Concen: 44.658 ug/l
RT: 3.723 min Scan# 312
Delta R.T. 0.000 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

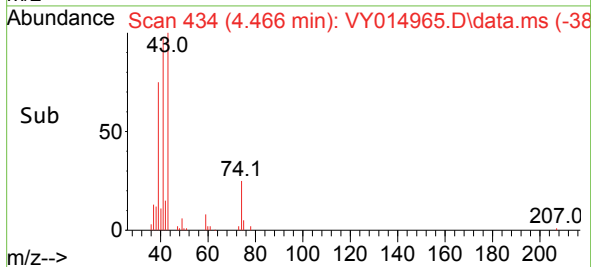
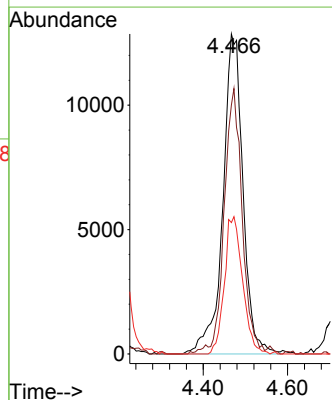
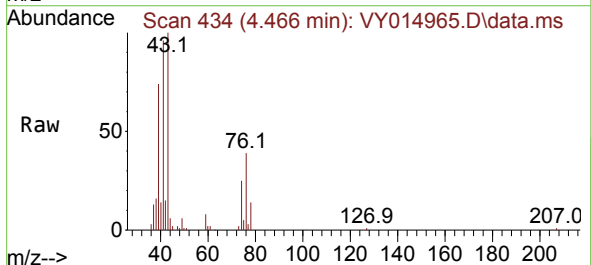
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

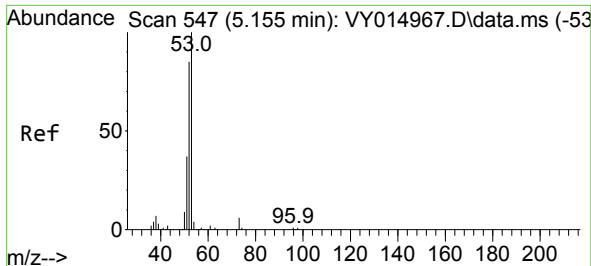
Tgt Ion: 56 Resp: 13905
Ion Ratio Lower Upper
56 100
55 69.0 57.0 85.4



#14
Allyl chloride
Concen: 10.324 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

Tgt Ion: 41 Resp: 42520
Ion Ratio Lower Upper
41 100
39 74.2 58.0 87.0
76 38.8 27.4 41.2





#15

Acrylonitrile

Concen: 50.567 ug/l

RT: 5.155 min Scan# 547

Delta R.T. 0.000 min

Lab File: VY014965.D

Acq: 07 Aug 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

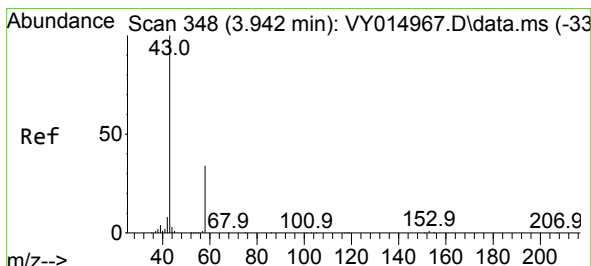
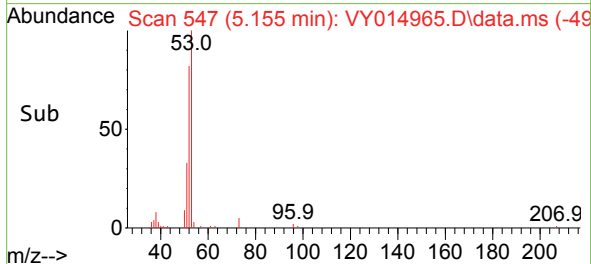
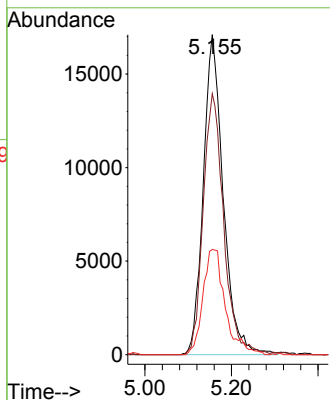
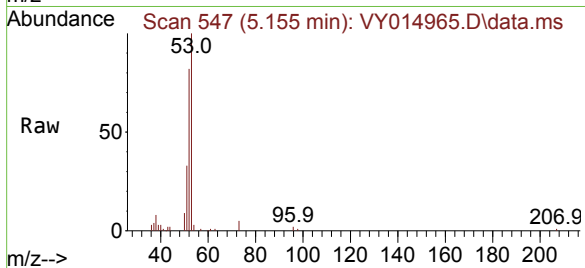
Tgt Ion: 53 Resp: 54662

Ion Ratio Lower Upper

53 100

52 83.8 66.9 100.3

51 36.8 29.8 44.6



#16

Acetone

Concen: 53.068 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY014965.D

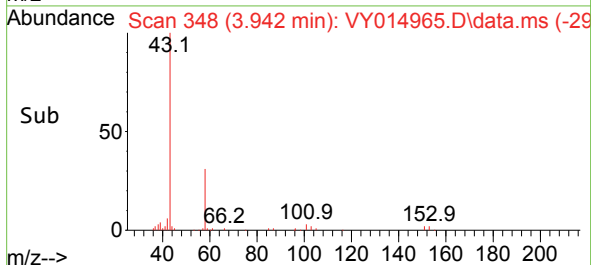
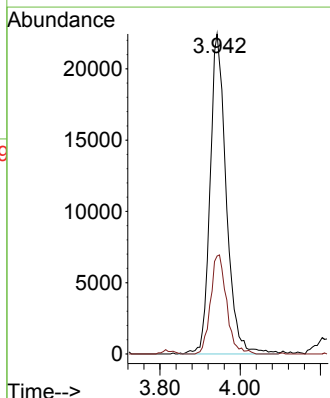
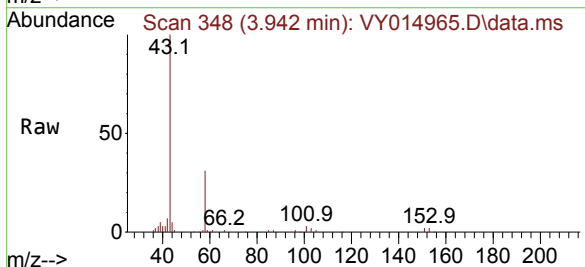
Acq: 07 Aug 2023 15:48

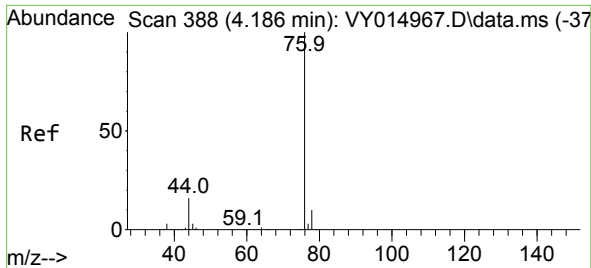
Tgt Ion: 43 Resp: 62759

Ion Ratio Lower Upper

43 100

58 30.6 22.7 34.1

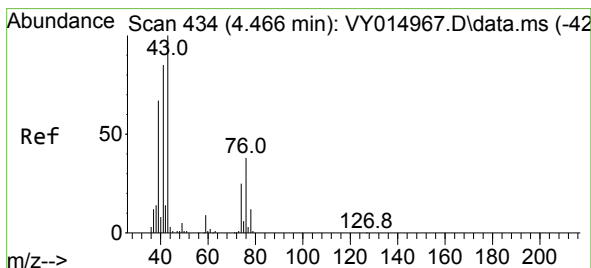
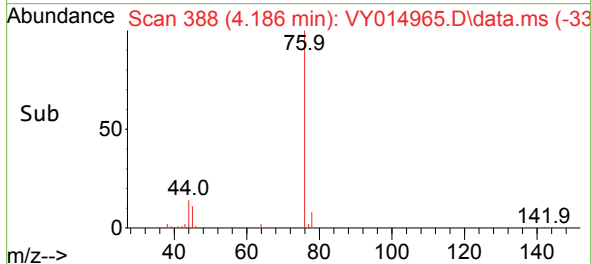
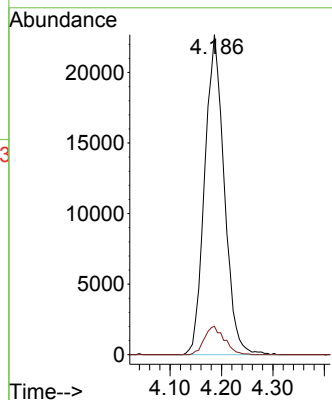
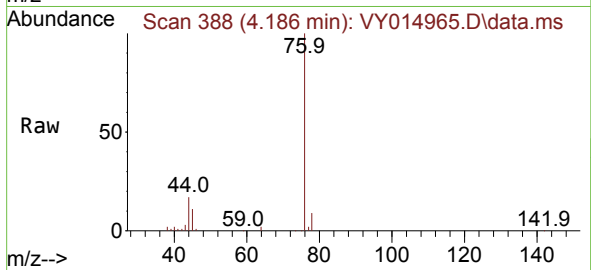




#17
Carbon Disulfide
Concen: 10.949 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

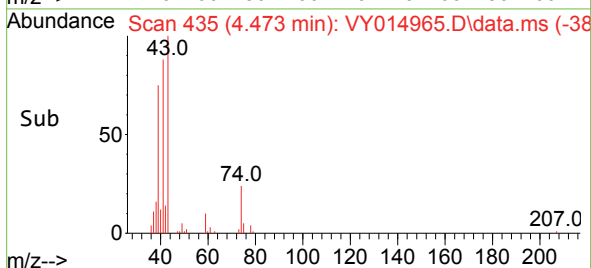
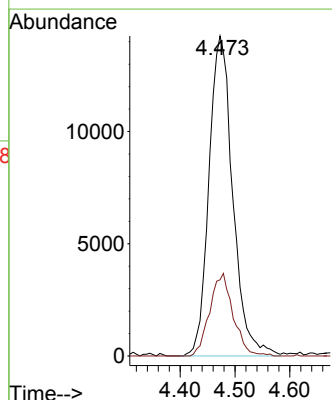
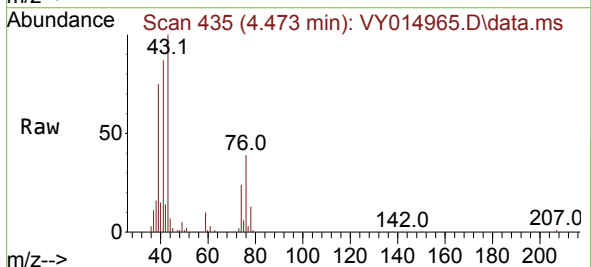
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

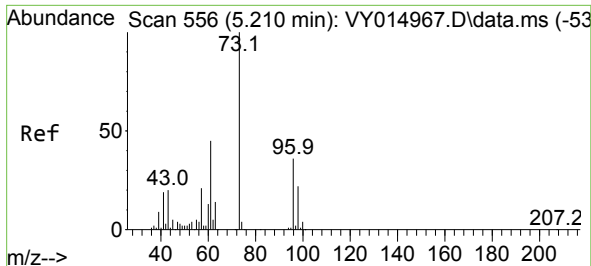
Tgt Ion: 76 Resp: 59869
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4



#18
Methyl Acetate
Concen: 9.993 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

Tgt Ion: 43 Resp: 43038
Ion Ratio Lower Upper
43 100
74 25.4 17.4 26.0

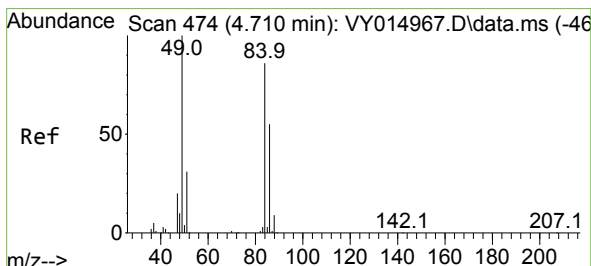
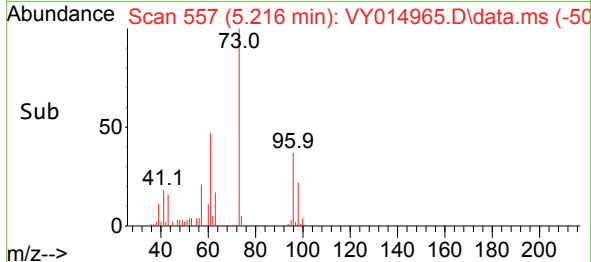
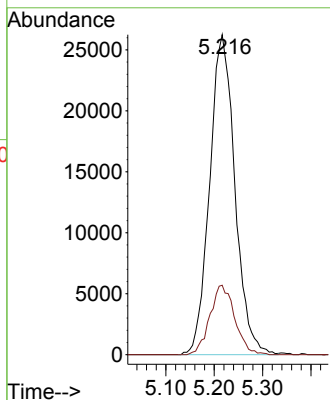
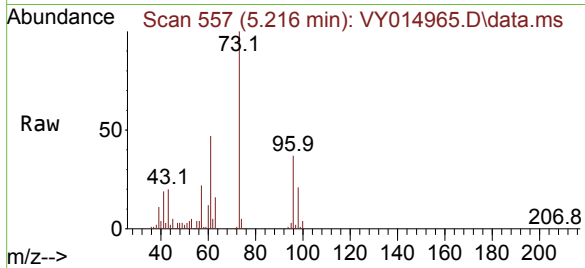




#19
Methyl tert-butyl Ether
Concen: 10.179 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

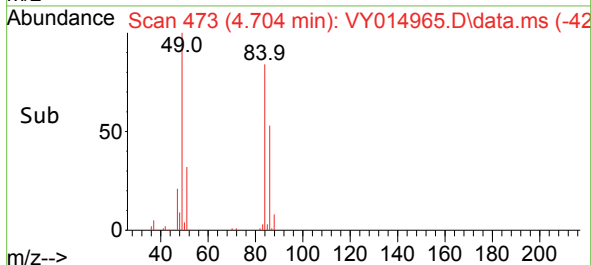
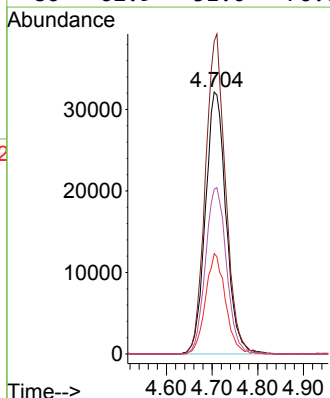
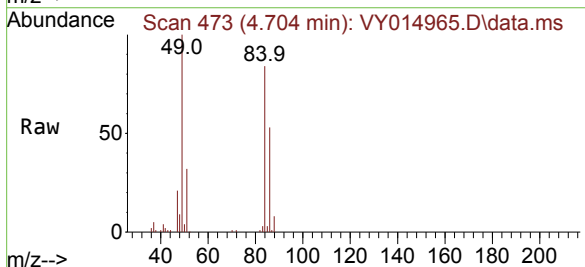
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

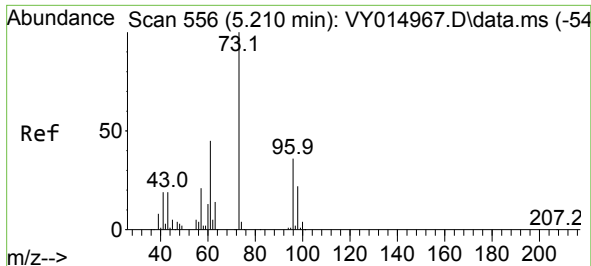
Tgt Ion: 73 Resp: 95248
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9



#20
Methylene Chloride
Concen: 11.062 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

Tgt Ion: 84 Resp: 100812
Ion Ratio Lower Upper
84 100
49 119.5 106.9 160.3
51 38.3 33.2 49.8
86 62.9 51.0 76.6

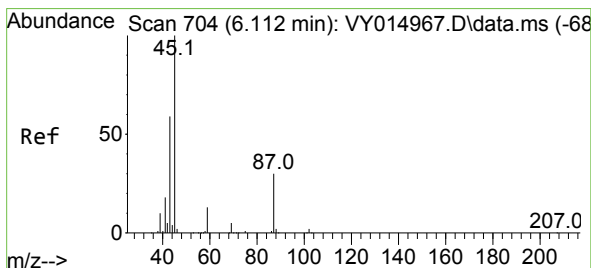
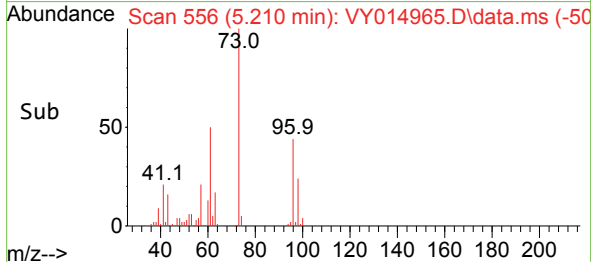
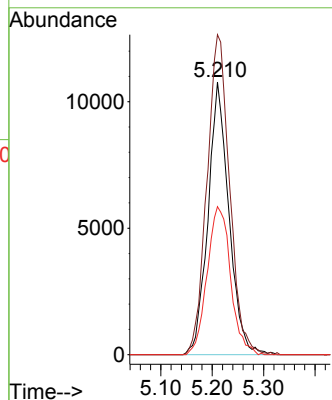
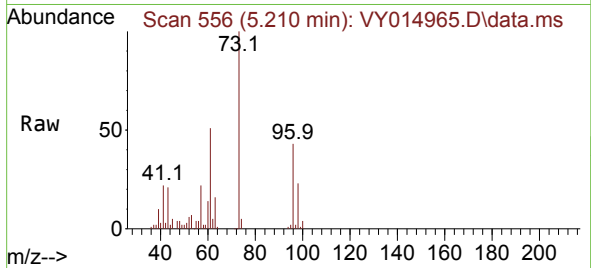




#21
trans-1,2-Dichloroethene
Concen: 10.808 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

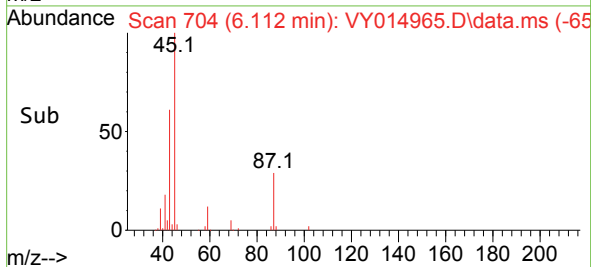
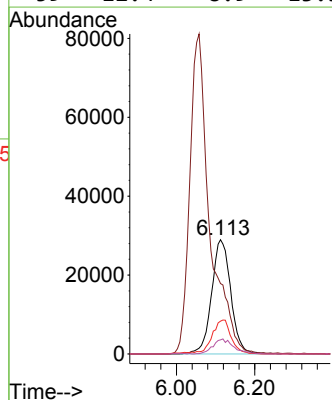
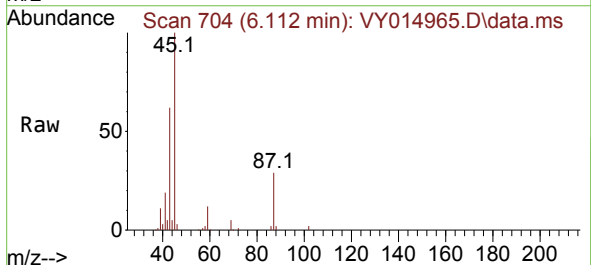
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

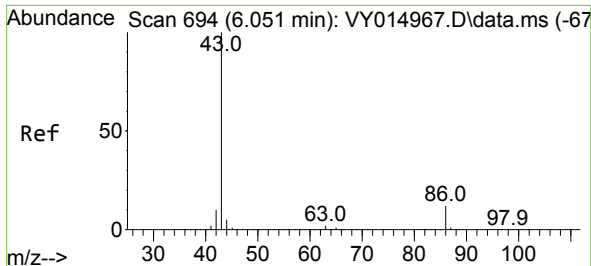
Tgt Ion: 96 Resp: 30469
Ion Ratio Lower Upper
96 100
61 117.3 110.2 165.4
98 54.2 51.8 77.6



#22
Diisopropyl ether
Concen: 10.287 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

Tgt Ion: 45 Resp: 98682
Ion Ratio Lower Upper
45 100
43 61.0 52.2 78.4
87 28.8 21.0 31.6
59 12.4 8.9 13.3

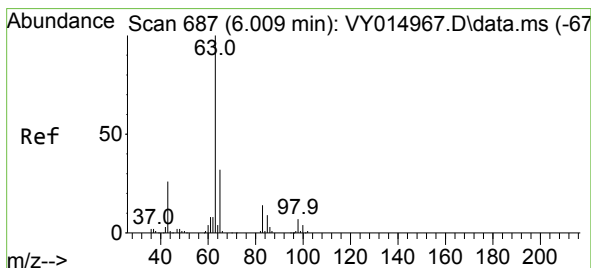
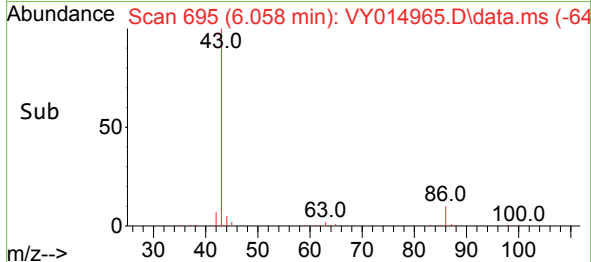
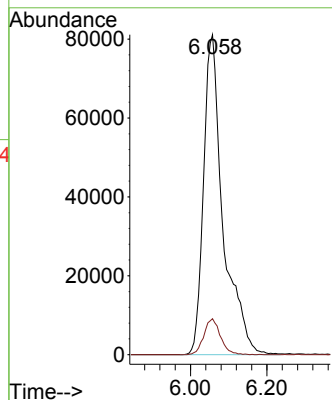
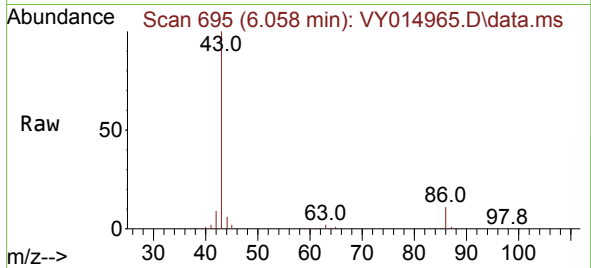




#23
 Vinyl Acetate
 Concen: 49.911 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VY014965.D
 Acq: 07 Aug 2023 15:48

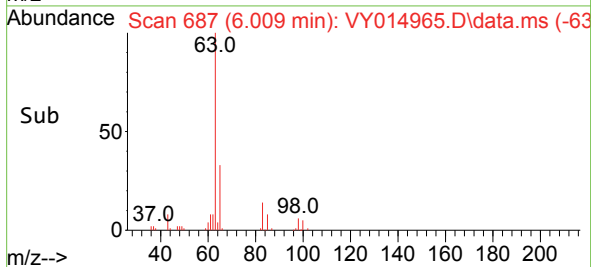
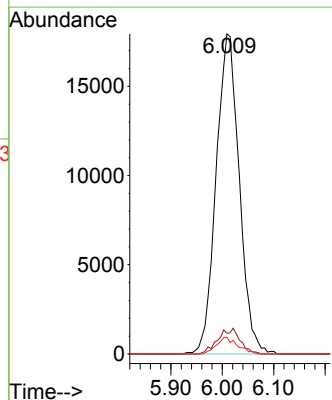
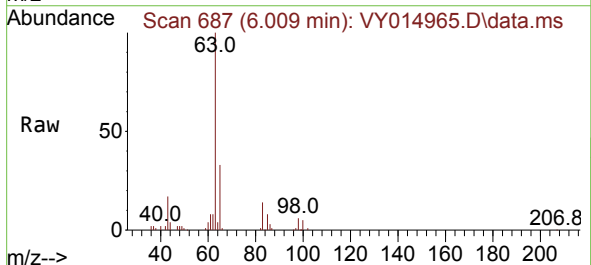
Instrument :
 MSVOA_Y
 ClientSampleId :
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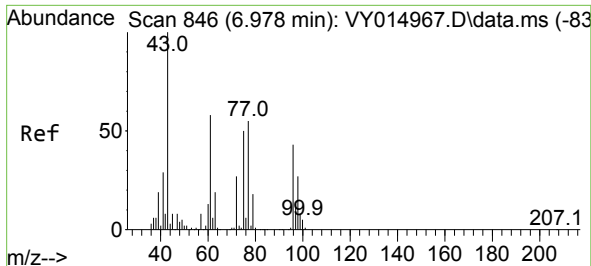
Tgt Ion: 43 Resp: 287829
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 10.305 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY014965.D
 Acq: 07 Aug 2023 15:48

Tgt Ion: 63 Resp: 56072
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.1 9.4
 100 5.2 1.8 5.5

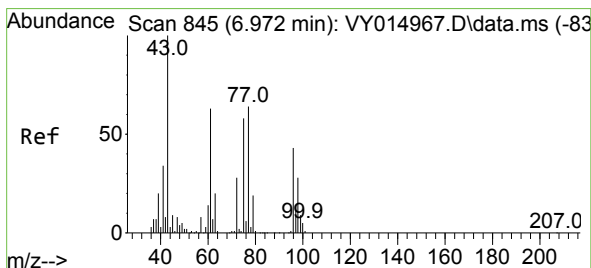
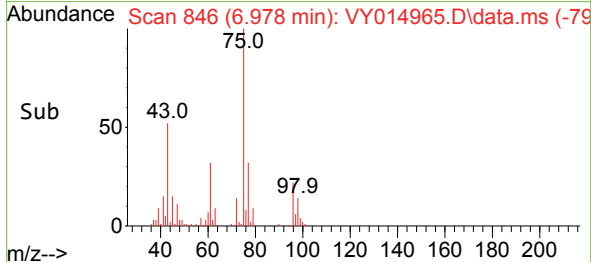
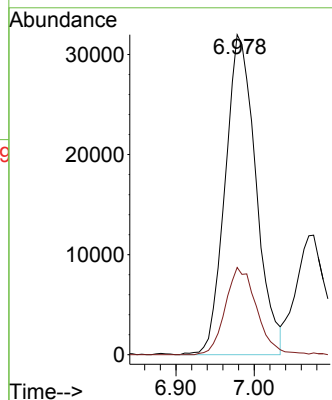
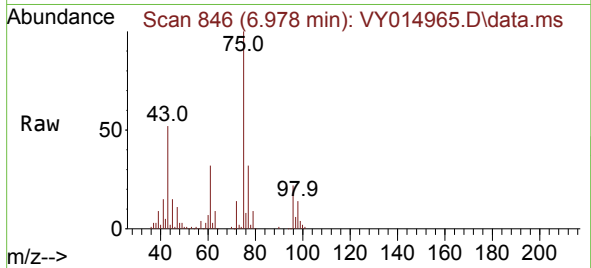




#25
2-Butanone
Concen: 51.540 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

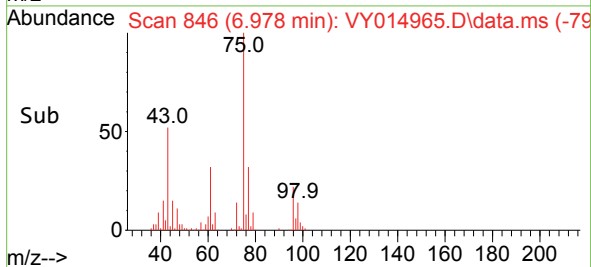
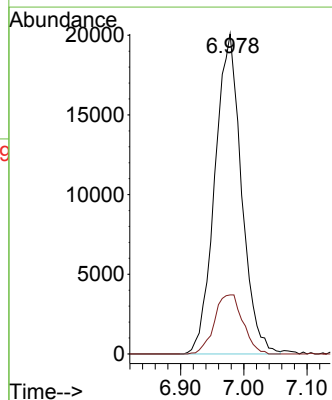
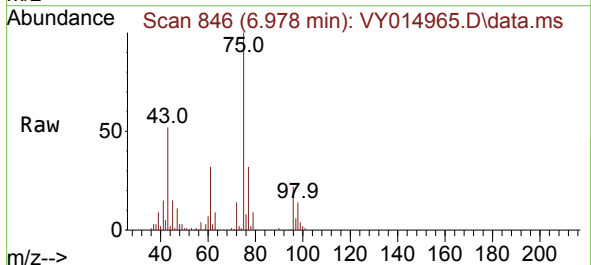
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

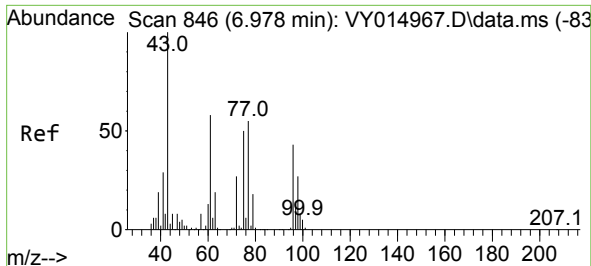
Tgt Ion: 43 Resp: 87301
Ion Ratio Lower Upper
43 100
72 27.2 20.5 30.7



#26
2,2-Dichloropropane
Concen: 10.666 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

Tgt Ion: 77 Resp: 58727
Ion Ratio Lower Upper
77 100
97 19.7 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 10.465 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY014965.D

Acq: 07 Aug 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

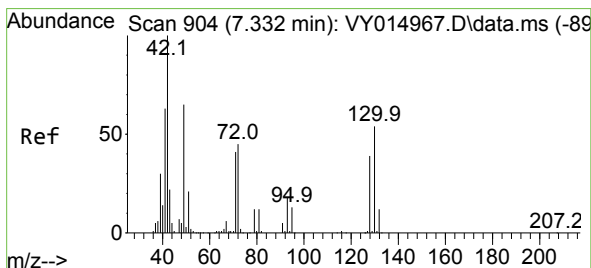
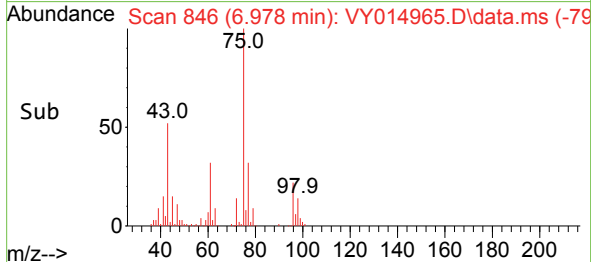
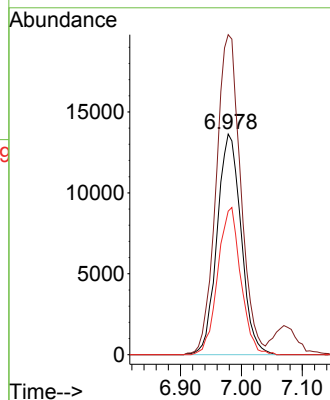
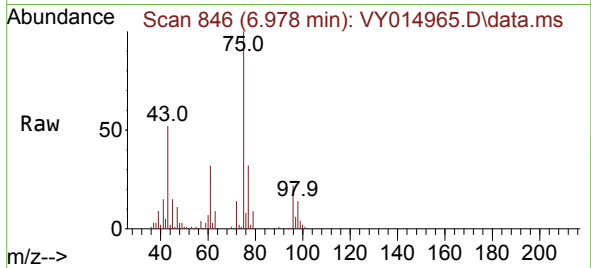
Tgt Ion: 96 Resp: 37336

Ion Ratio Lower Upper

96 100

61 148.6 0.0 301.4

98 64.0 0.0 130.4



#28

Bromochloromethane

Concen: 10.203 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.006 min

Lab File: VY014965.D

Acq: 07 Aug 2023 15:48

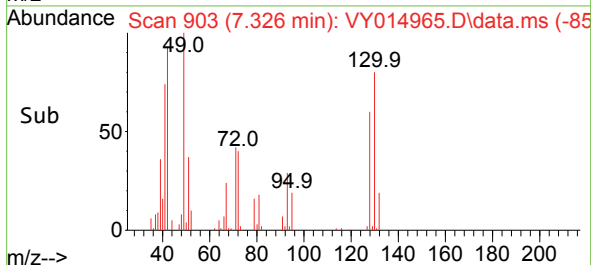
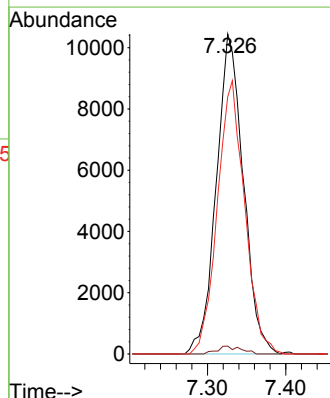
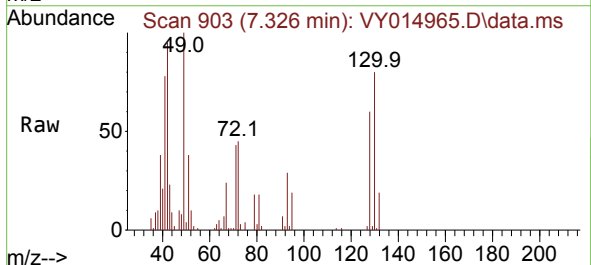
Tgt Ion: 49 Resp: 25028

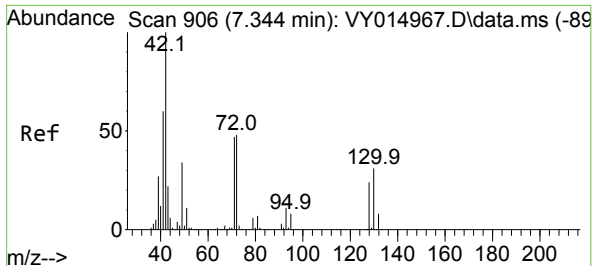
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 86.2 60.7 91.1





#29

Tetrahydrofuran

Concen: 50.431 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY014965.D

Acq: 07 Aug 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

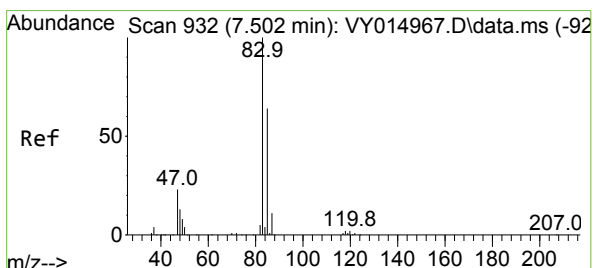
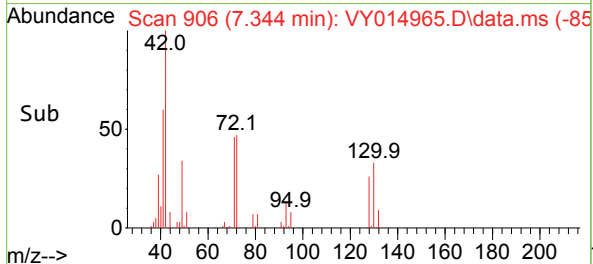
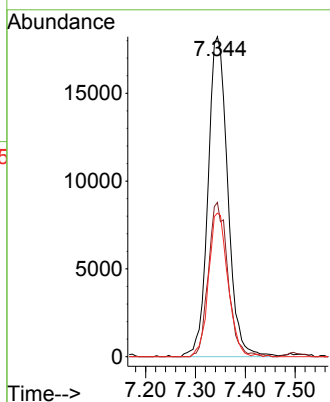
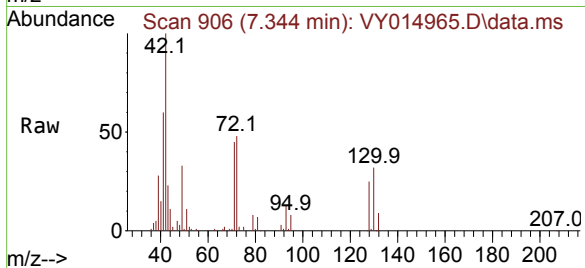
Tgt Ion: 42 Resp: 50093

Ion Ratio Lower Upper

42 100

72 47.7 32.8 49.2

71 43.8 31.0 46.4



#30

Chloroform

Concen: 10.284 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY014965.D

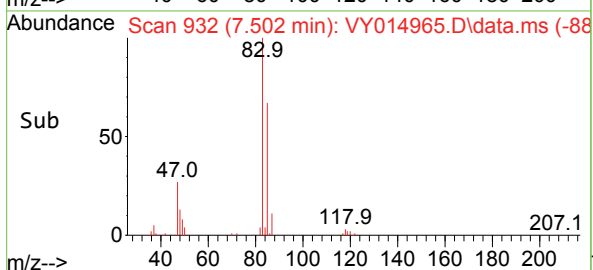
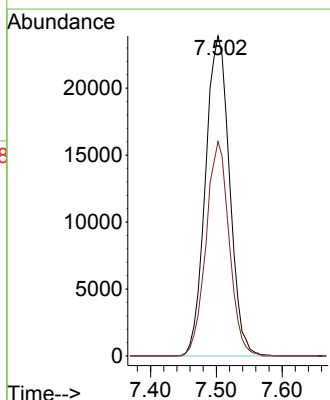
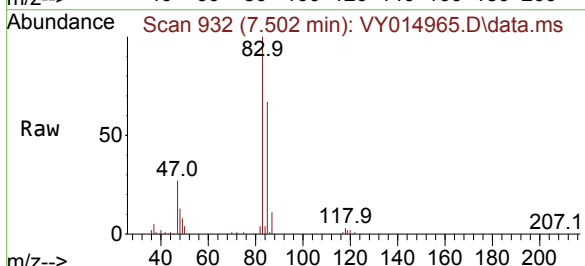
Acq: 07 Aug 2023 15:48

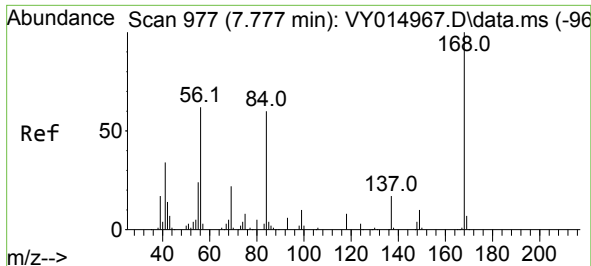
Tgt Ion: 83 Resp: 60791

Ion Ratio Lower Upper

83 100

85 67.0 49.7 74.5

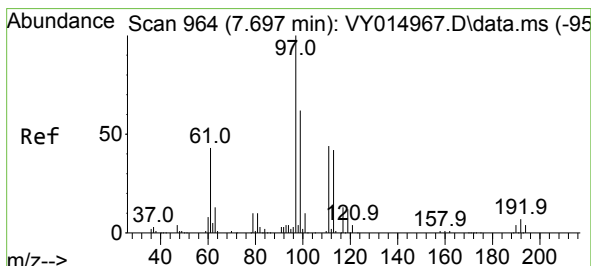
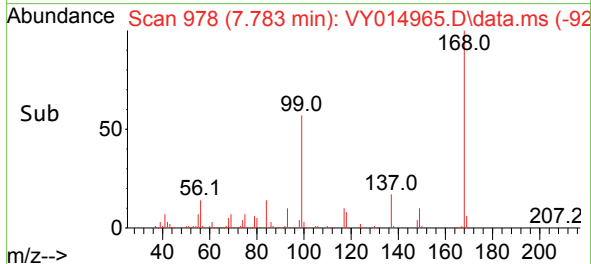
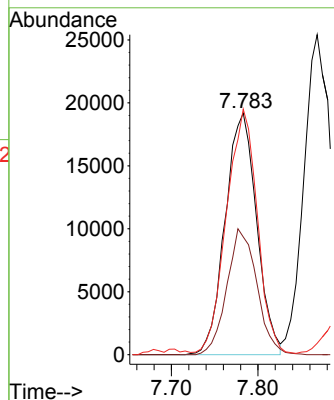
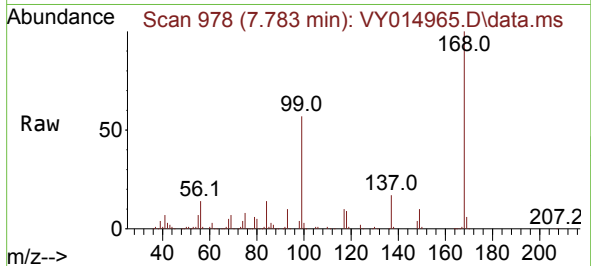




#31
Cyclohexane
Concen: 9.523 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

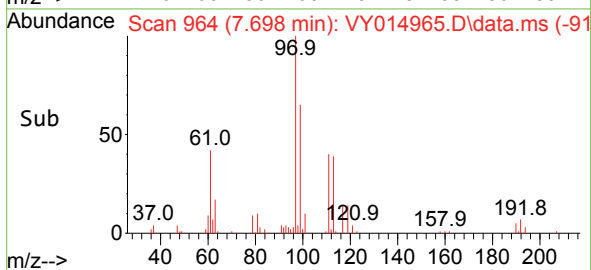
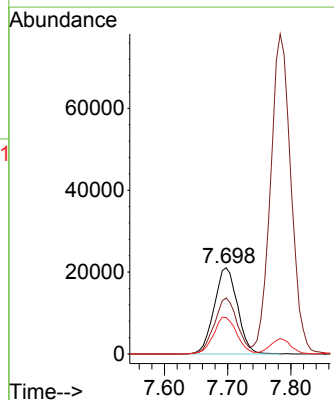
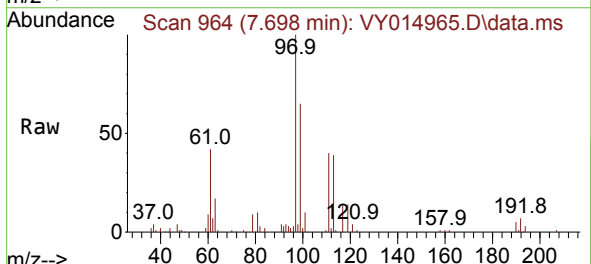
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

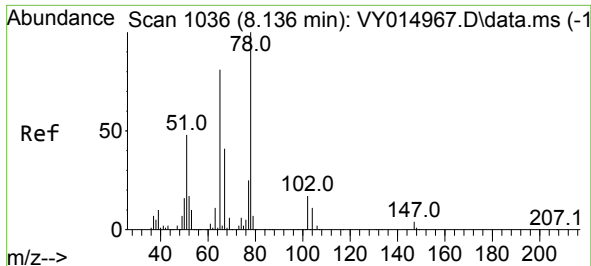
Tgt Ion: 56 Resp: 48514
Ion Ratio Lower Upper
56 100
69 48.8 27.8 41.6#
84 100.6 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 10.315 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

Tgt Ion: 97 Resp: 53731
Ion Ratio Lower Upper
97 100
99 63.6 50.8 76.2
61 42.7 35.1 52.7

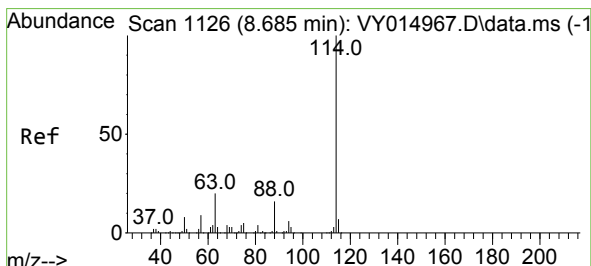
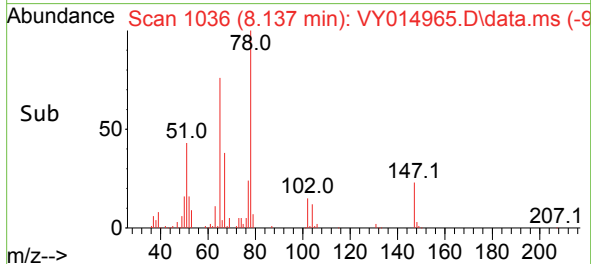
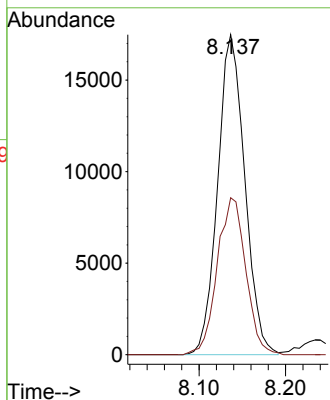
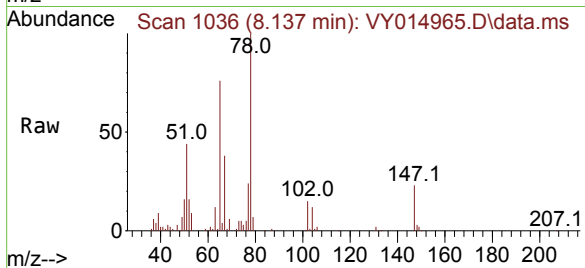




#33
 1,2-Dichloroethane-d4
 Concen: 10.032 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY014965.D
 Acq: 07 Aug 2023 15:48

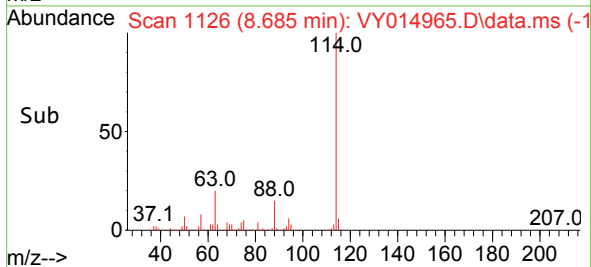
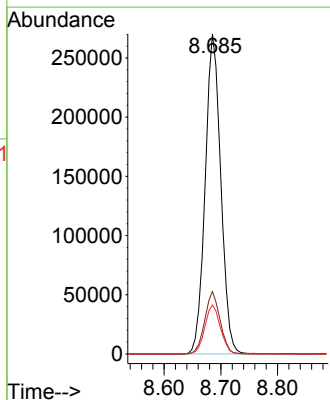
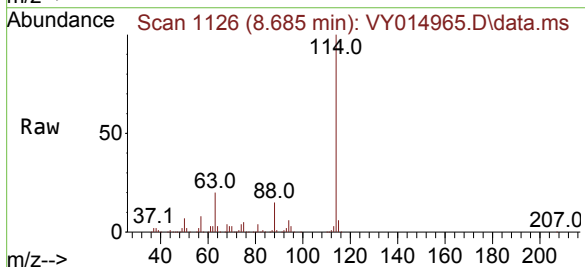
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

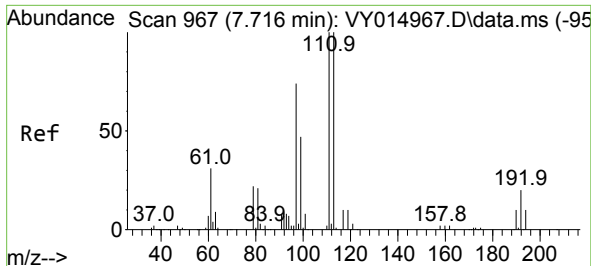
Tgt Ion: 65 Resp: 38047
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY014965.D
 Acq: 07 Aug 2023 15:48

Tgt Ion: 114 Resp: 516702
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 42.4
 88 15.3 0.0 30.6

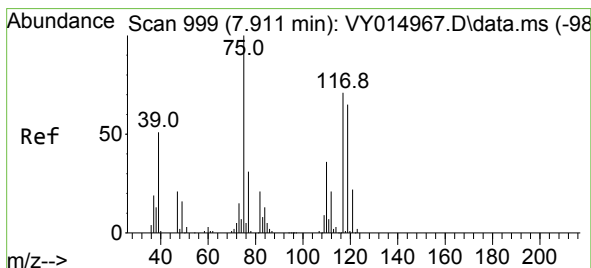
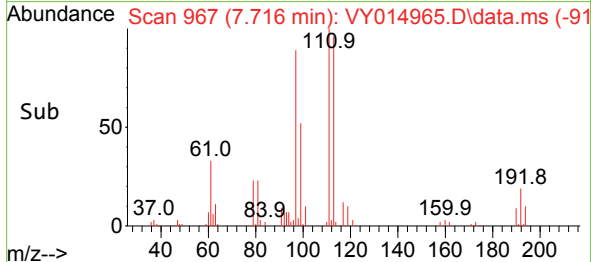
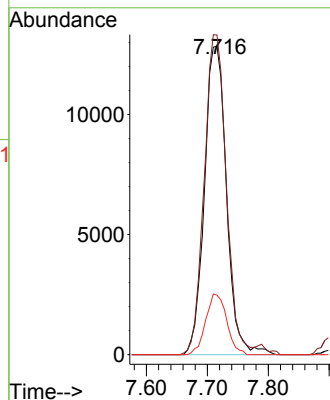
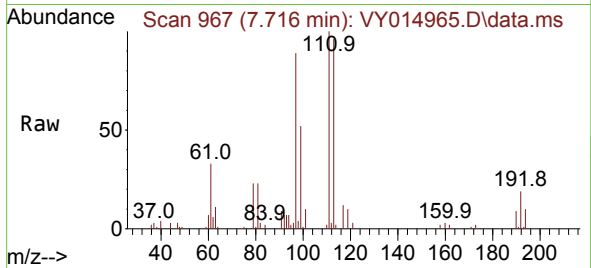




#35
Dibromofluoromethane
Concen: 9.800 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

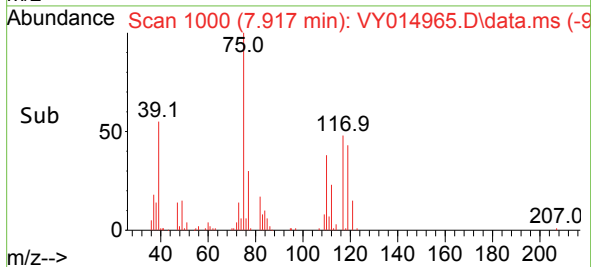
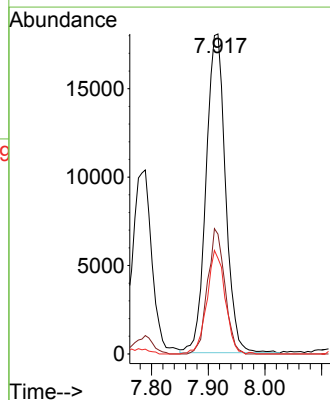
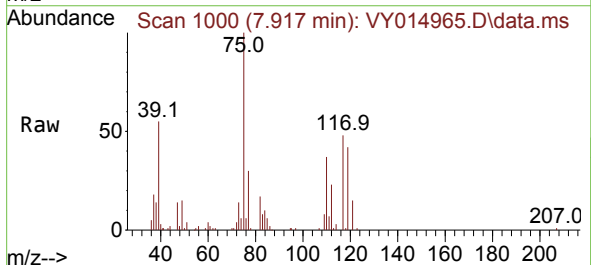
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

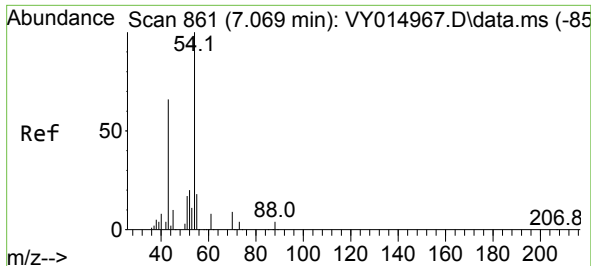
Tgt Ion:113 Resp: 32380
Ion Ratio Lower Upper
113 100
111 103.4 81.3 121.9
192 18.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 10.463 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

Tgt Ion: 75 Resp: 42923
Ion Ratio Lower Upper
75 100
110 35.0 17.8 53.5
77 30.4 24.4 36.6

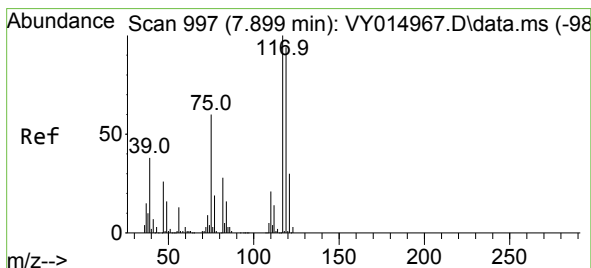
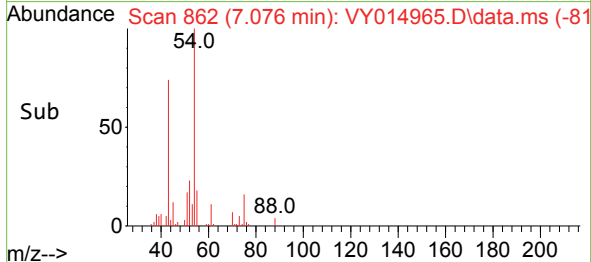
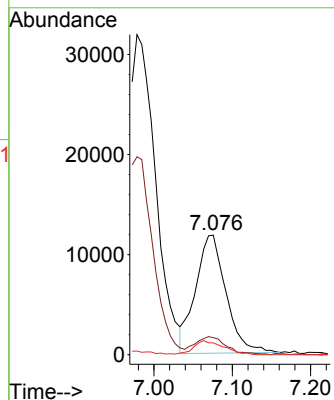
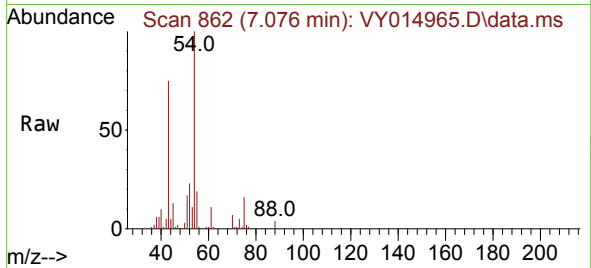




#37
Ethyl Acetate
Concen: 9.834 ug/l
RT: 7.076 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

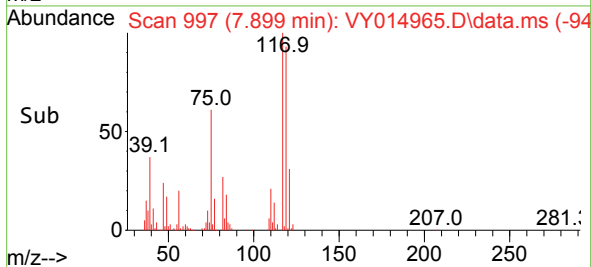
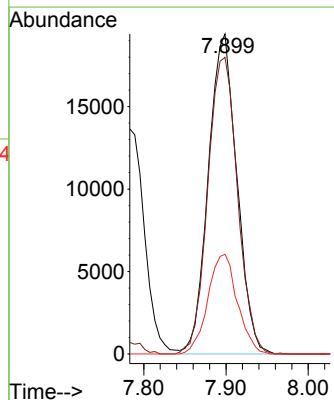
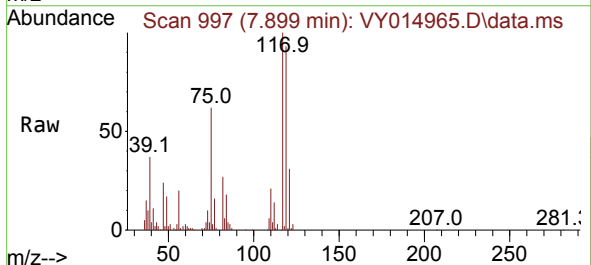
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

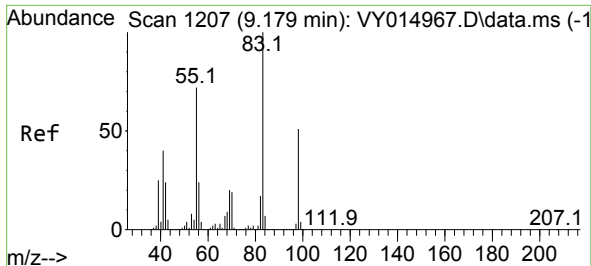
Tgt Ion: 43 Resp: 32022
Ion Ratio Lower Upper
43 100
61 15.4 10.1 15.1#
70 11.5 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 10.170 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

Tgt Ion: 117 Resp: 46899
Ion Ratio Lower Upper
117 100
119 92.4 76.4 114.6
121 31.2 25.8 38.6





#39

Methylcyclohexane

Concen: 10.396 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014965.D

Acq: 07 Aug 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

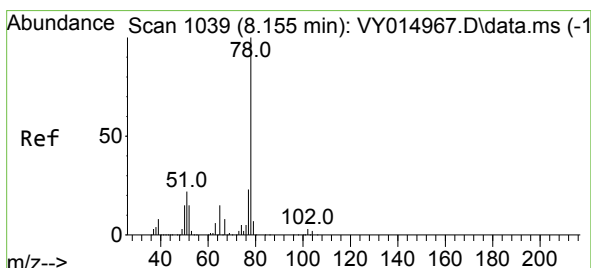
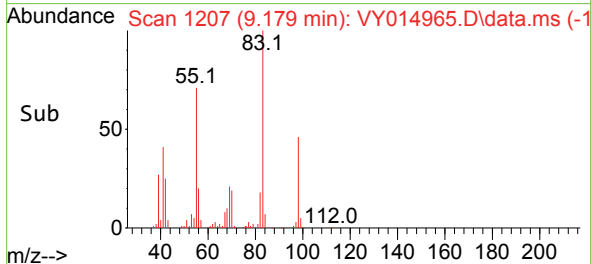
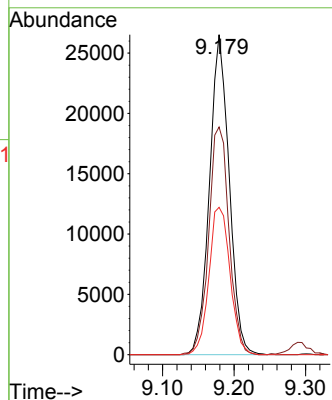
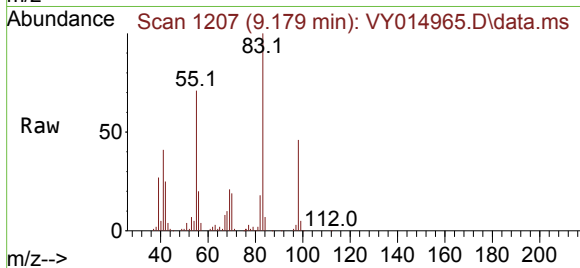
Tgt Ion: 83 Resp: 50718

Ion Ratio Lower Upper

83 100

55 71.1 63.0 94.4

98 46.1 37.4 56.2



#40

Benzene

Concen: 10.366 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY014965.D

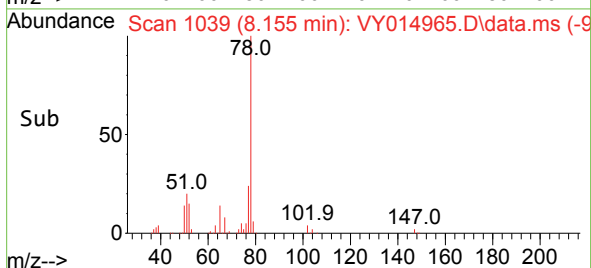
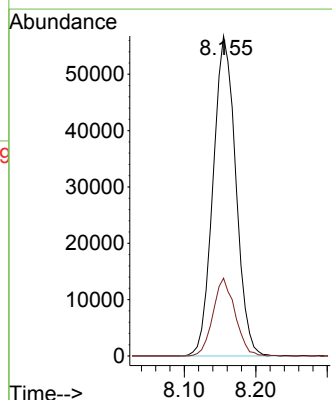
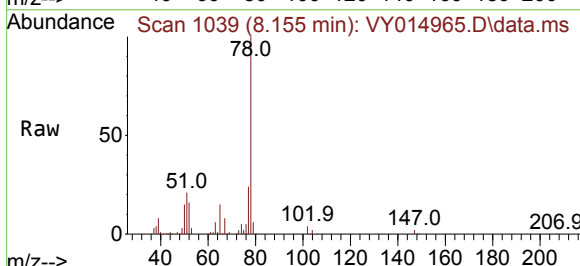
Acq: 07 Aug 2023 15:48

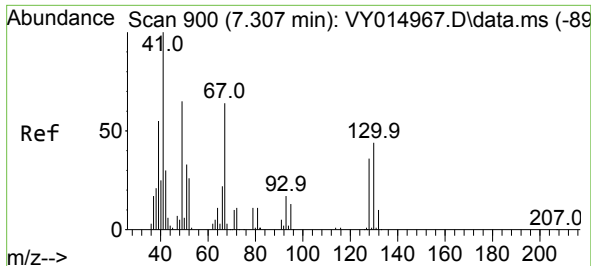
Tgt Ion: 78 Resp: 125216

Ion Ratio Lower Upper

78 100

77 24.3 19.0 28.6

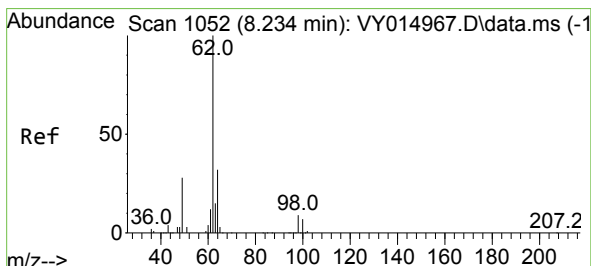
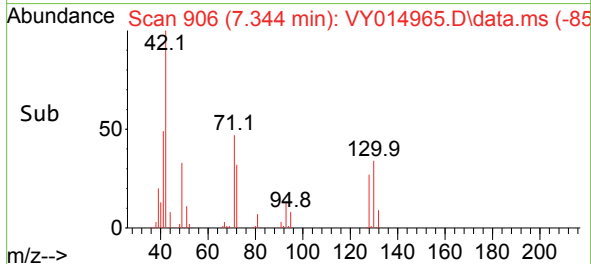
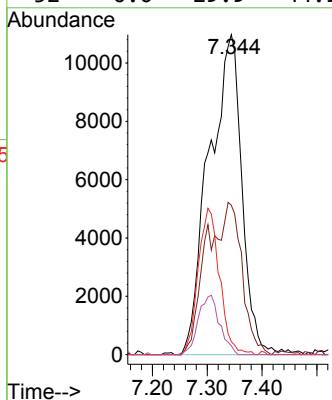
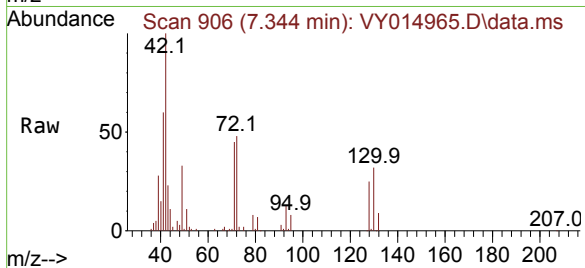




#41
Methacrylonitrile
Concen: 28.693 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

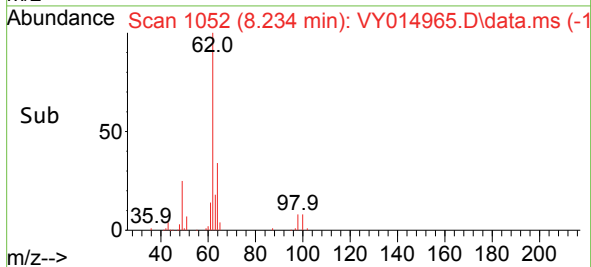
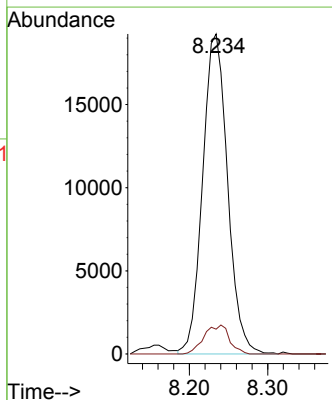
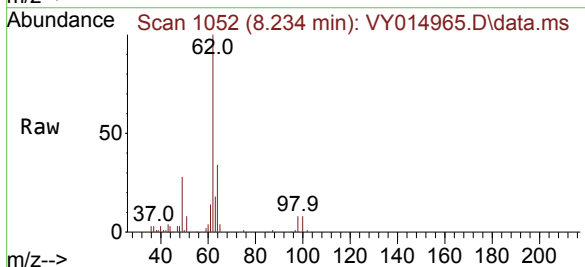
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

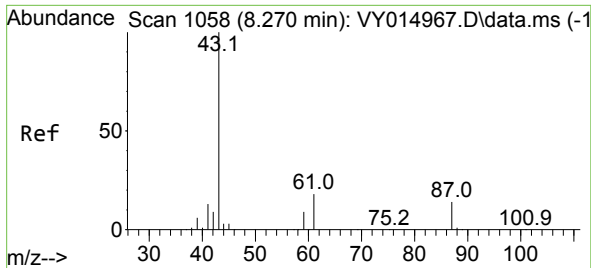
Tgt Ion:	41	Resp:	45404
Ion	Ratio	Lower	Upper
41	100		
39	26.3	52.1	78.1#
67	0.0	66.2	99.2#
52	0.0	29.9	44.9#



#42
1,2-Dichloroethane
Concen: 10.119 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

Tgt Ion:	62	Resp:	42548
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	15.8

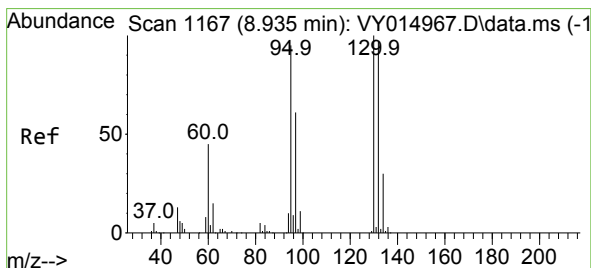
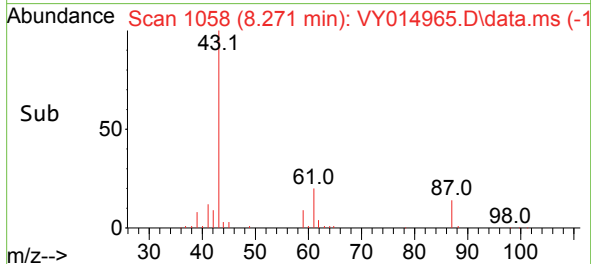
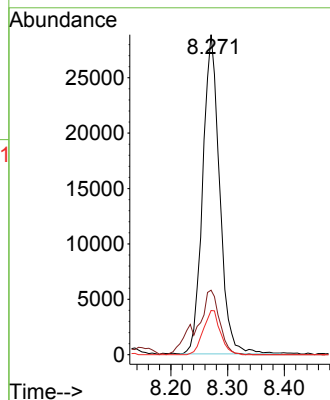
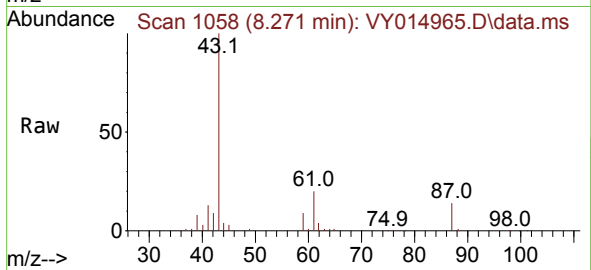




#43
Isopropyl Acetate
Concen: 9.847 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

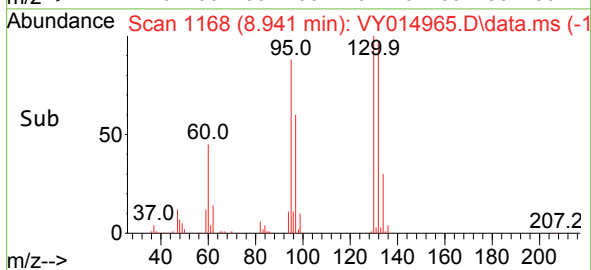
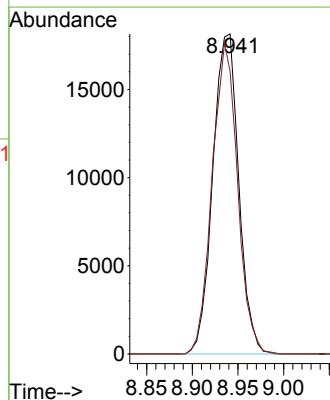
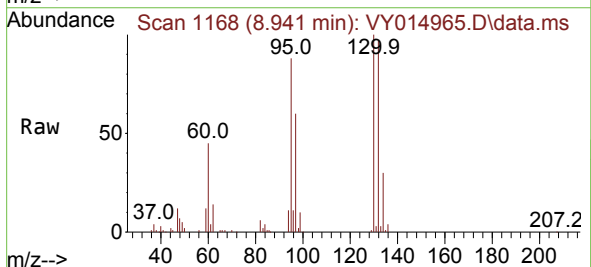
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

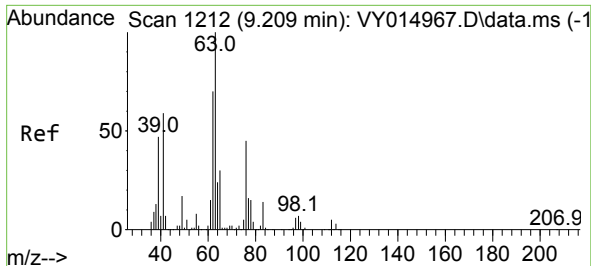
Tgt Ion:	43	Resp:	59573
Ion	Ratio	Lower	Upper
43	100		
61	21.2	21.1	31.7
87	14.0	9.8	14.8



#44
Trichloroethene
Concen: 10.323 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

Tgt Ion:	130	Resp:	35781
Ion	Ratio	Lower	Upper
130	100		
95	88.2	0.0	196.0





#45

1,2-Dichloropropane

Concen: 10.084 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VY014965.D

Acq: 07 Aug 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

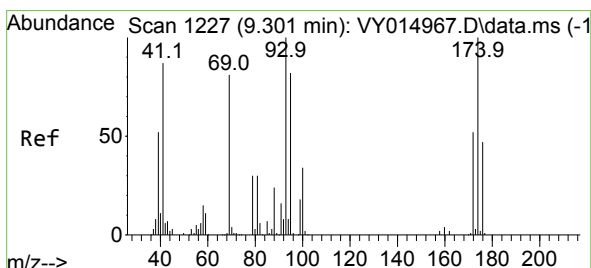
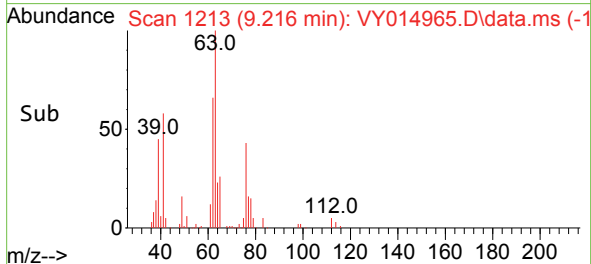
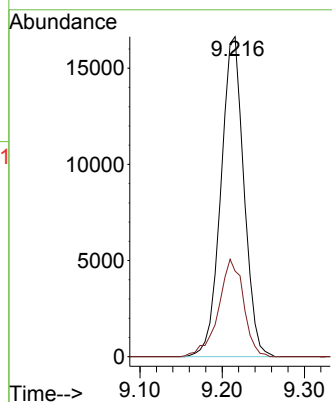
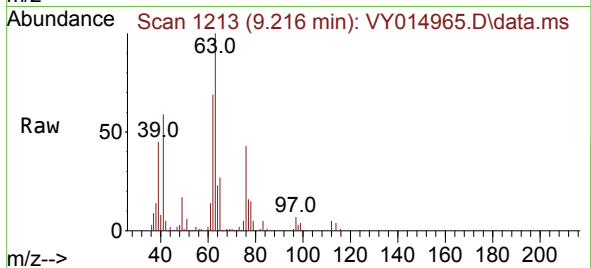
VSTDICC010

Tgt Ion: 63 Resp: 32374

Ion Ratio Lower Upper

63 100

65 26.8 23.8 35.6



#46

Dibromomethane

Concen: 10.090 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY014965.D

Acq: 07 Aug 2023 15:48

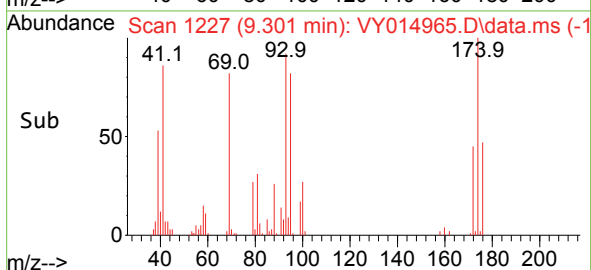
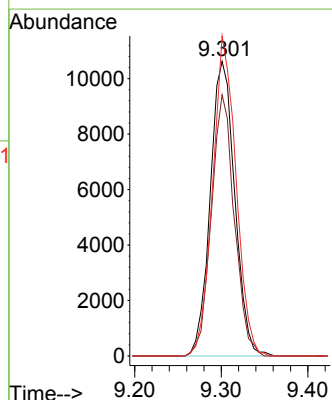
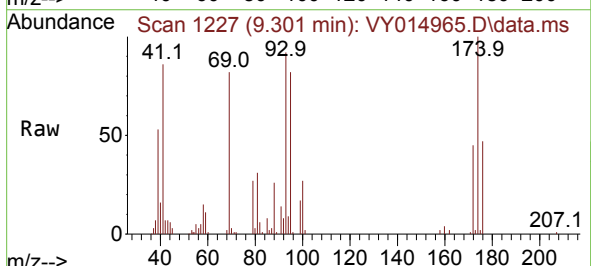
Tgt Ion: 93 Resp: 20866

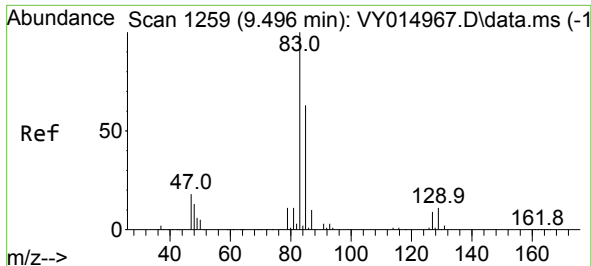
Ion Ratio Lower Upper

93 100

95 83.2 66.6 100.0

174 103.6 84.8 127.2

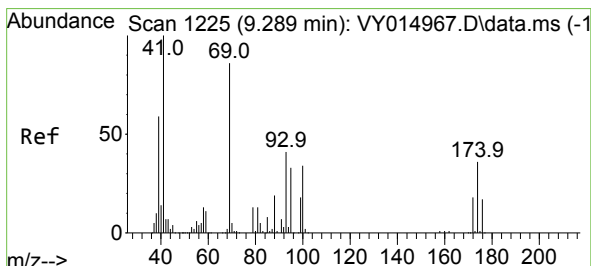
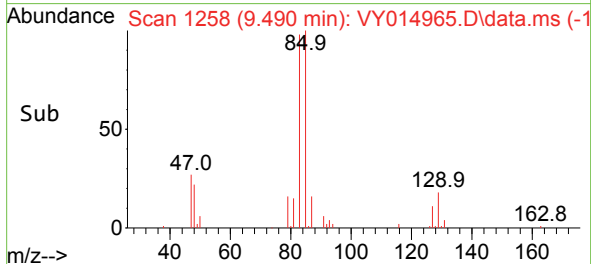
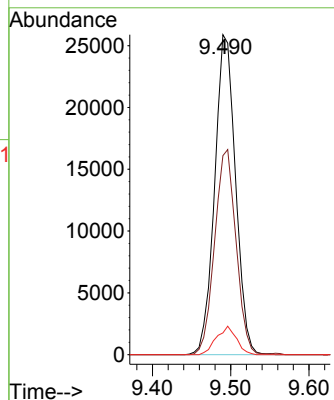
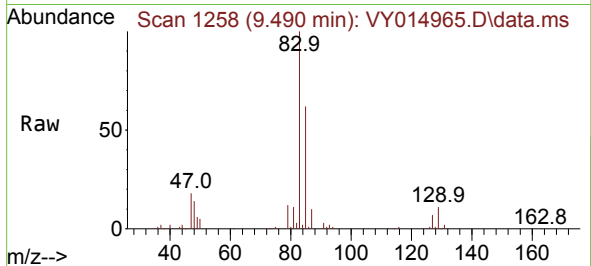




#47
Bromodichloromethane
Concen: 10.071 ug/l
RT: 9.490 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

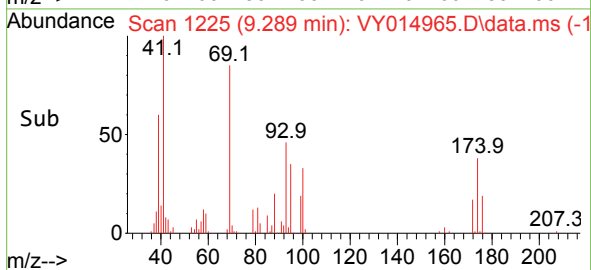
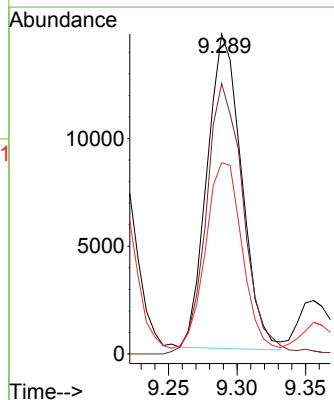
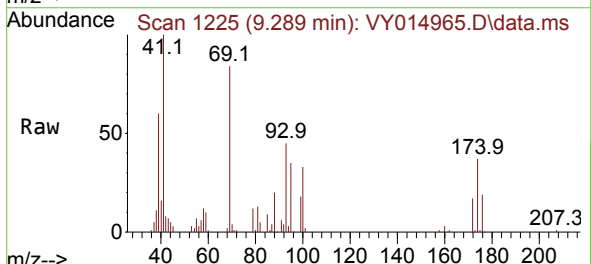
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

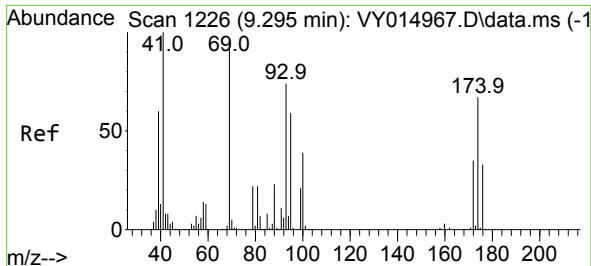
Tgt Ion: 83 Resp: 47960
Ion Ratio Lower Upper
83 100
85 62.2 50.1 75.1
127 6.8 7.1 10.7#



#48
Methyl methacrylate
Concen: 9.657 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

Tgt Ion: 41 Resp: 25634
Ion Ratio Lower Upper
41 100
69 92.8 64.5 96.7
39 64.9 50.8 76.2





#49

1,4-Dioxane

Concen: 200.300 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY014965.D

Acq: 07 Aug 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

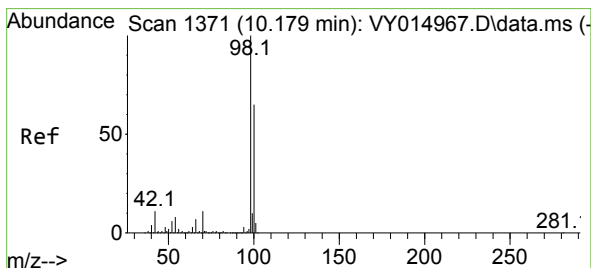
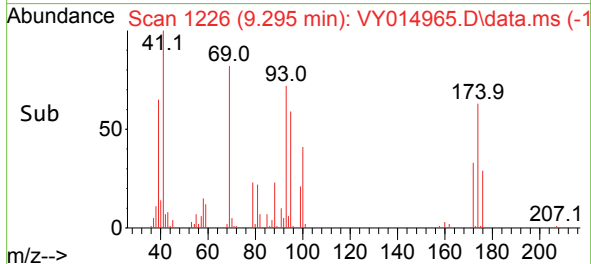
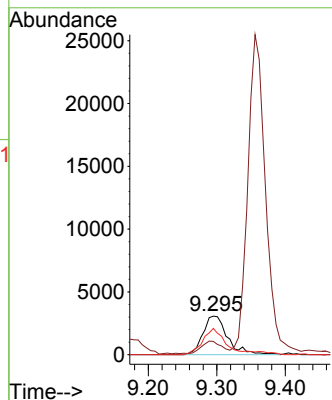
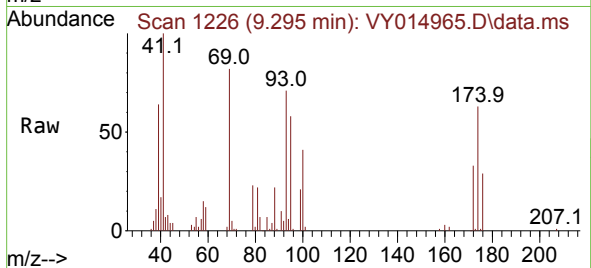
Tgt Ion: 88 Resp: 7705

Ion Ratio Lower Upper

88 100

43 26.1 0.0 0.0#

58 68.2 30.9 46.3#



#50

Toluene-d8

Concen: 9.894 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY014965.D

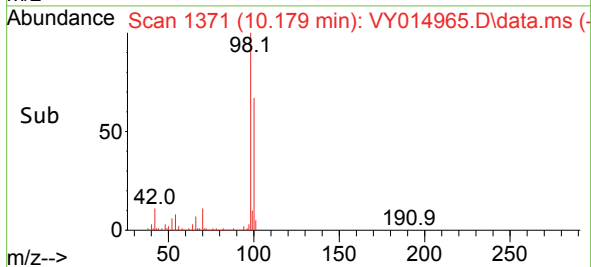
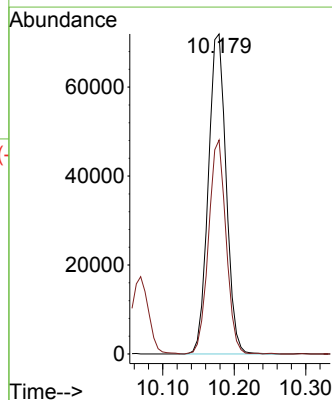
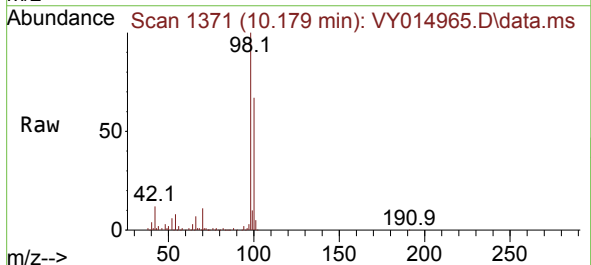
Acq: 07 Aug 2023 15:48

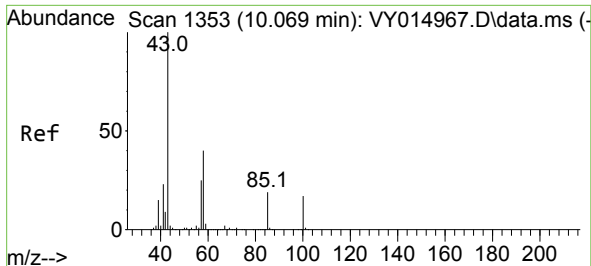
Tgt Ion: 98 Resp: 124437

Ion Ratio Lower Upper

98 100

100 65.8 50.1 75.1

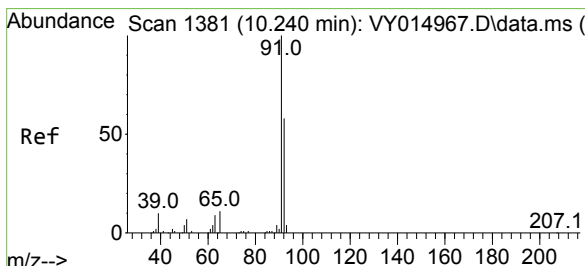
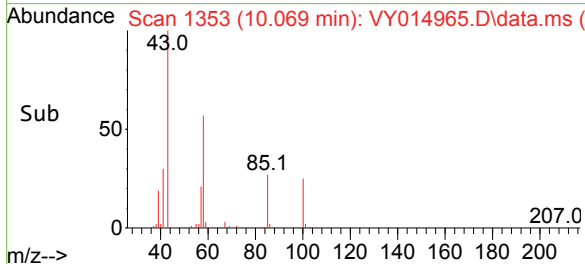
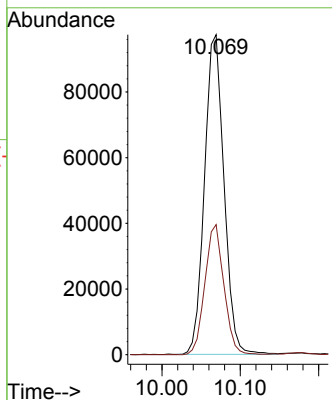
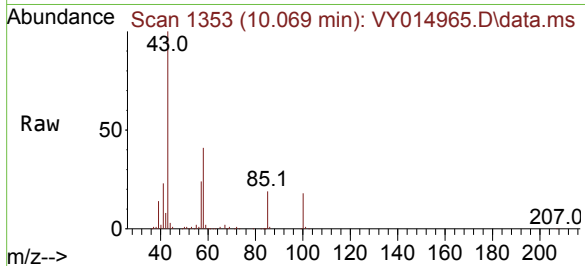




#51
4-Methyl-2-Pentanone
Concen: 49.312 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

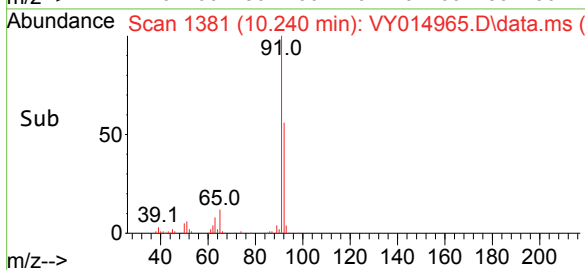
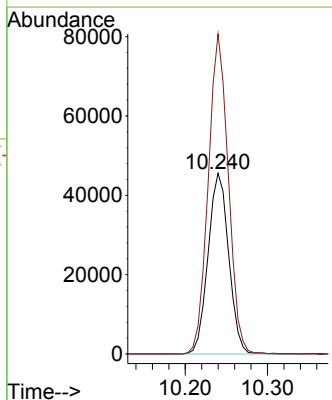
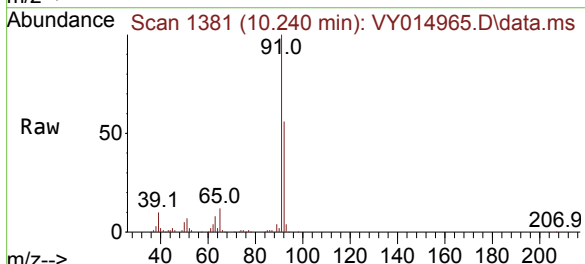
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

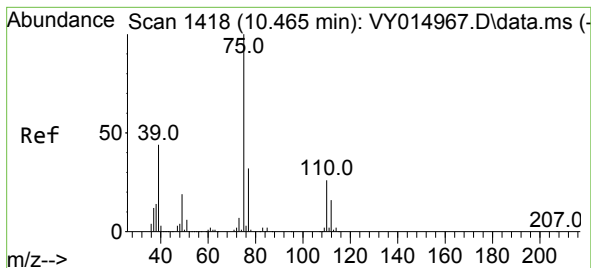
Tgt Ion: 43 Resp: 168118
Ion Ratio Lower Upper
43 100
58 39.7 29.0 43.6



#52
Toluene
Concen: 10.202 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

Tgt Ion: 92 Resp: 79301
Ion Ratio Lower Upper
92 100
91 172.6 143.8 215.6

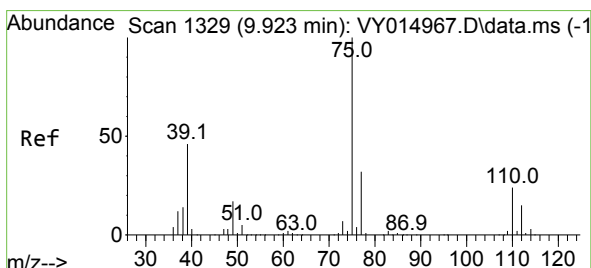
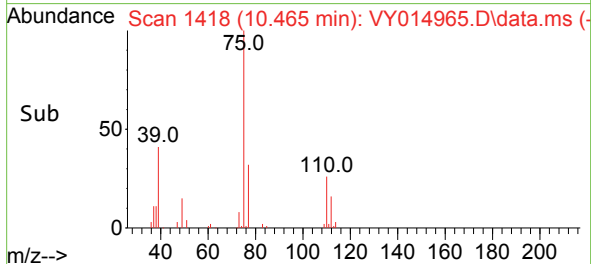
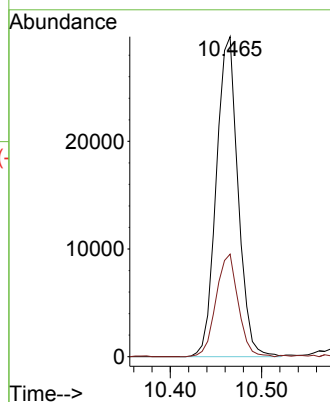
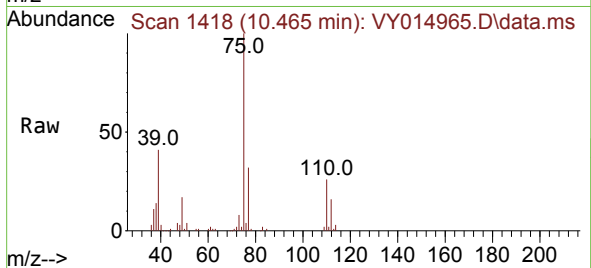




#53
t-1,3-Dichloropropene
Concen: 9.907 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

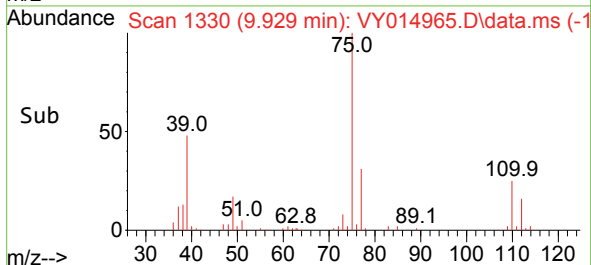
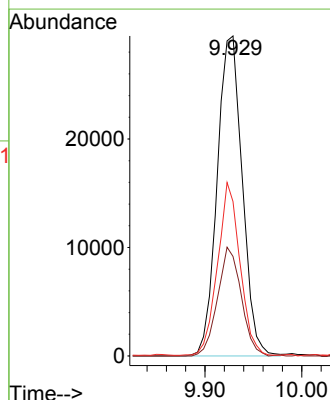
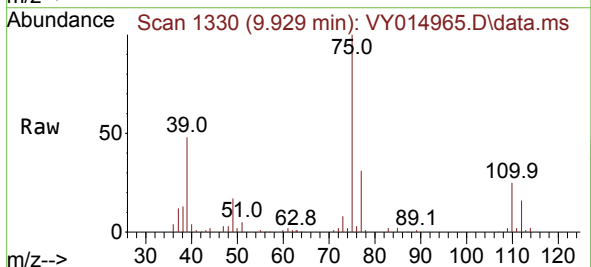
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

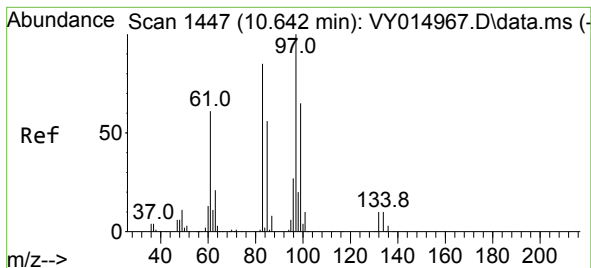
Tgt Ion: 75 Resp: 49132
Ion Ratio Lower Upper
75 100
77 32.1 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 9.918 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

Tgt Ion: 75 Resp: 53141
Ion Ratio Lower Upper
75 100
77 31.1 24.2 36.4
39 48.0 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 10.285 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY014965.D

Acq: 07 Aug 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 30915

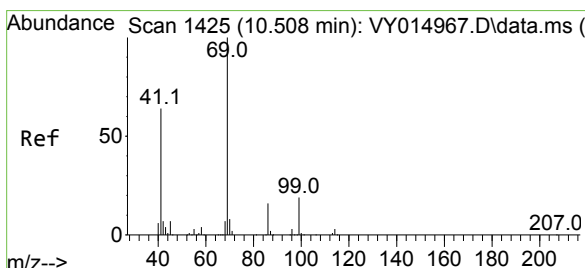
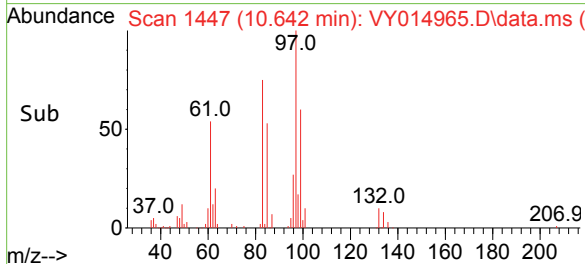
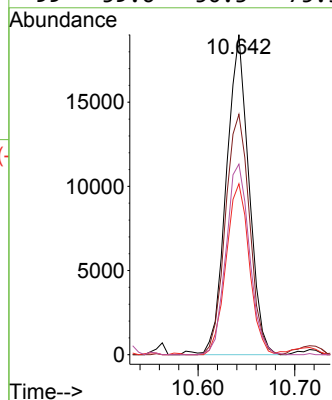
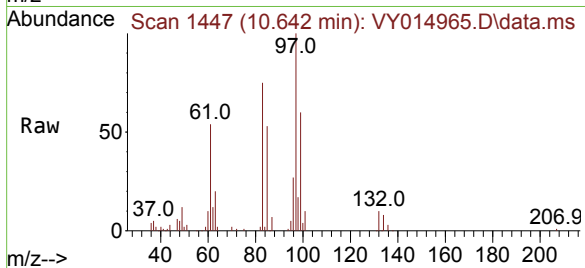
Ion Ratio Lower Upper

97 100

83 75.1 72.0 108.0

85 53.1 45.4 68.0

99 59.6 50.3 75.5



#56

Ethyl methacrylate

Concen: 9.843 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY014965.D

Acq: 07 Aug 2023 15:48

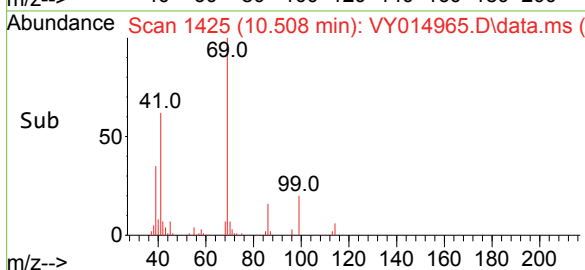
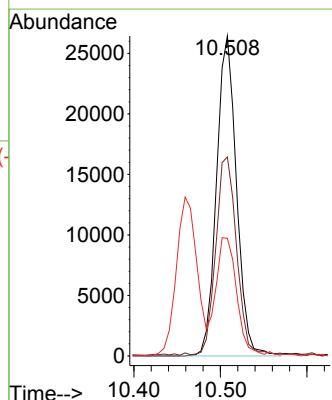
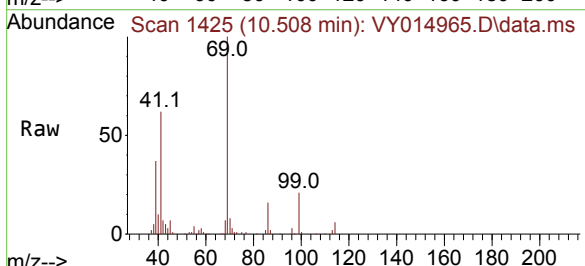
Tgt Ion: 69 Resp: 42365

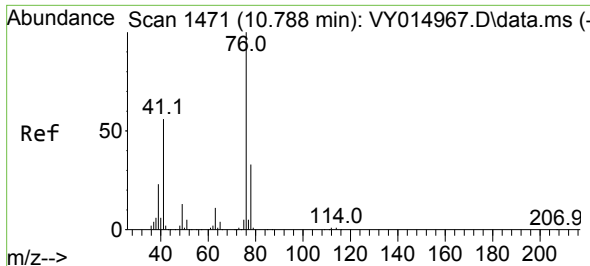
Ion Ratio Lower Upper

69 100

41 64.2 57.6 86.4

39 37.7 34.1 51.1





#57

1,3-Dichloropropane

Concen: 10.056 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014965.D

Acq: 07 Aug 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

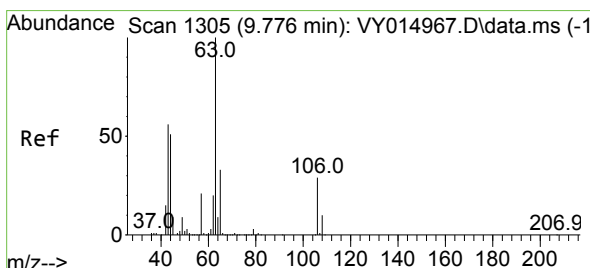
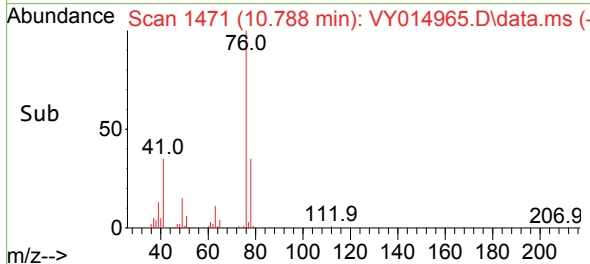
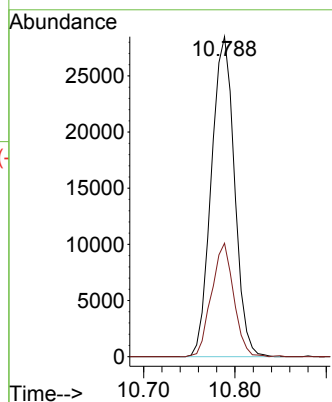
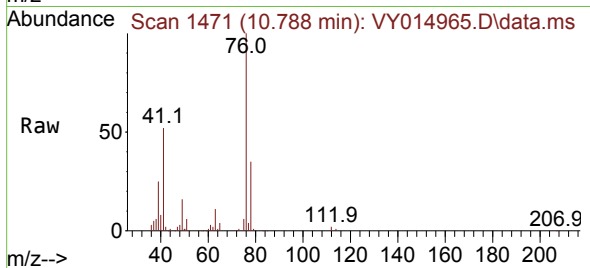
VSTDICC010

Tgt Ion: 76 Resp: 50010

Ion Ratio Lower Upper

76 100

78 34.0 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 51.017 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY014965.D

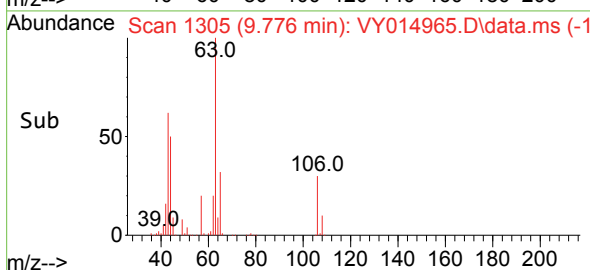
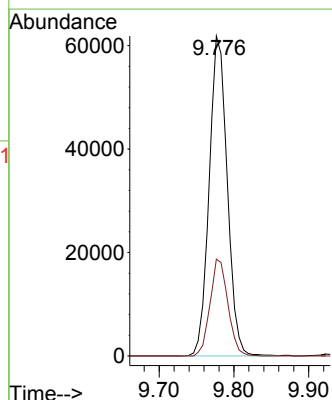
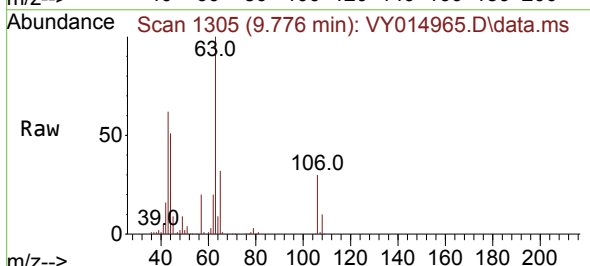
Acq: 07 Aug 2023 15:48

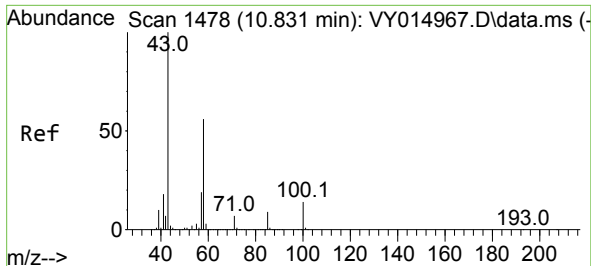
Tgt Ion: 63 Resp: 103822

Ion Ratio Lower Upper

63 100

106 29.9 21.2 31.8

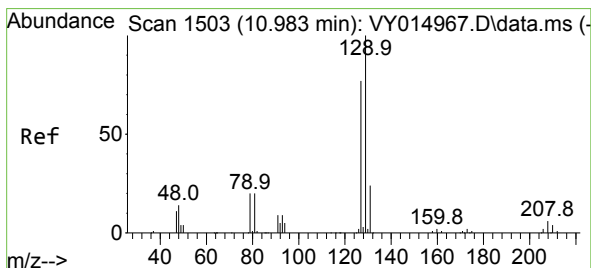
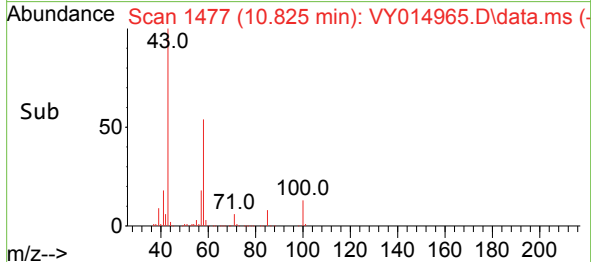
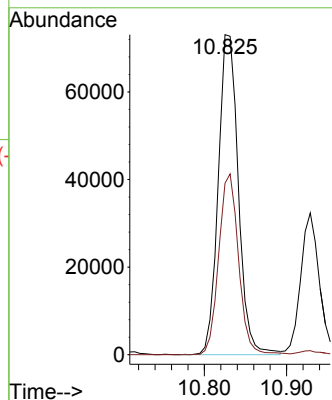
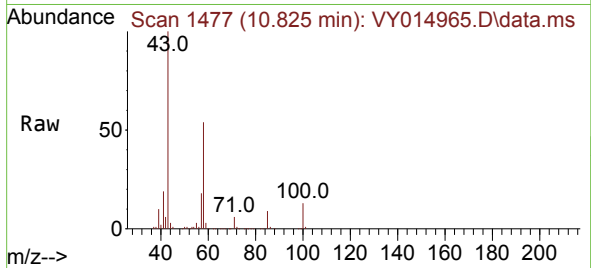




#59
2-Hexanone
Concen: 49.196 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

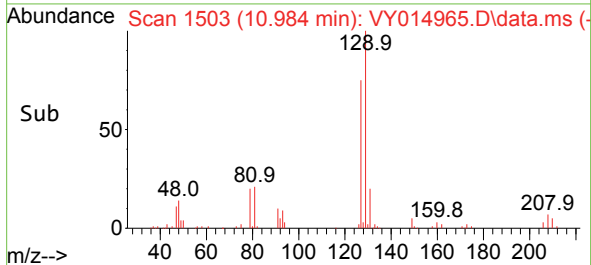
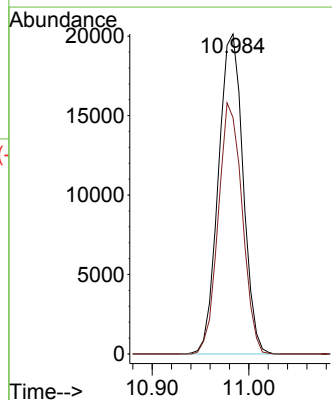
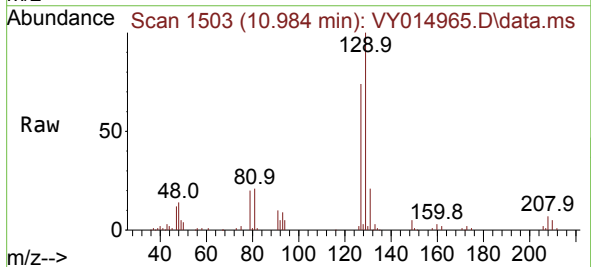
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

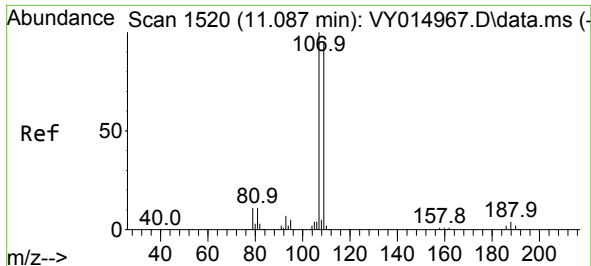
Tgt Ion: 43 Resp: 123899
Ion Ratio Lower Upper
43 100
58 55.8 25.1 75.3



#60
Dibromochloromethane
Concen: 9.949 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

Tgt Ion: 129 Resp: 35608
Ion Ratio Lower Upper
129 100
127 76.1 38.5 115.5

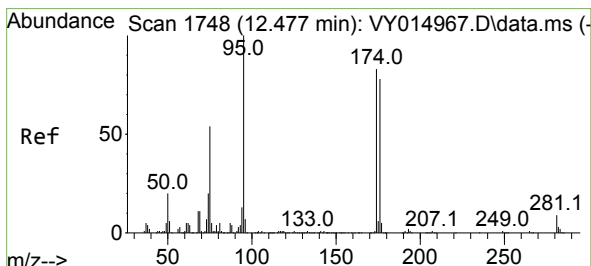
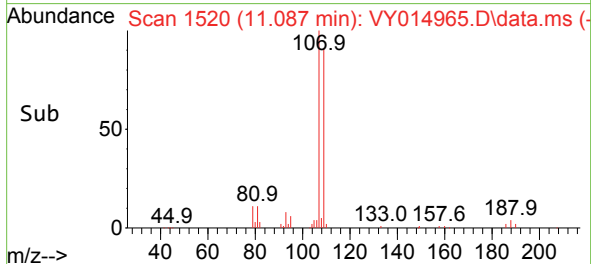
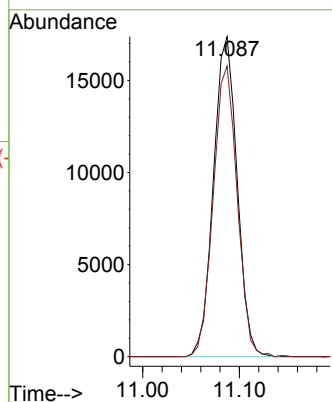
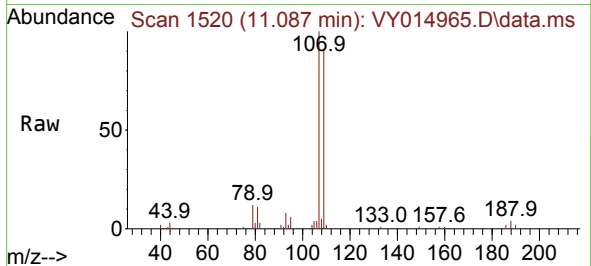




#61
1,2-Dibromoethane
Concen: 10.264 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

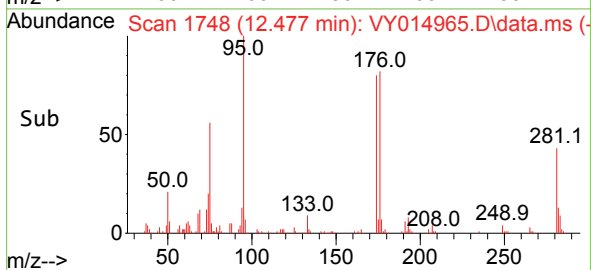
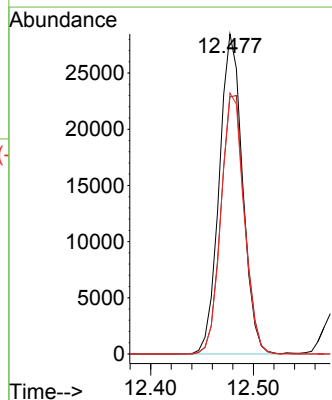
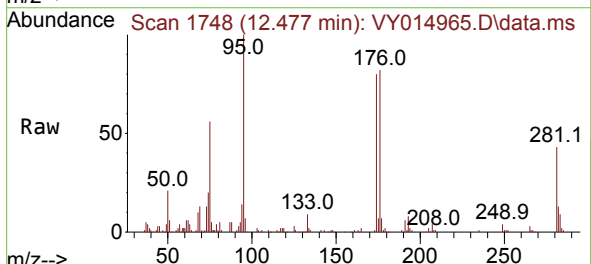
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

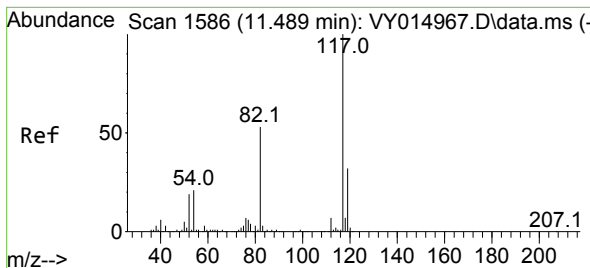
Tgt Ion:107 Resp: 29447
Ion Ratio Lower Upper
107 100
109 92.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 10.040 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

Tgt Ion: 95 Resp: 44753
Ion Ratio Lower Upper
95 100
174 81.9 0.0 178.2
176 80.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014965.D

Acq: 07 Aug 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

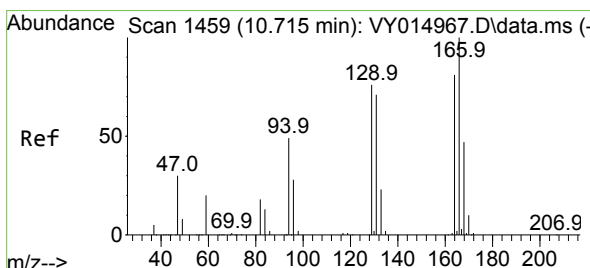
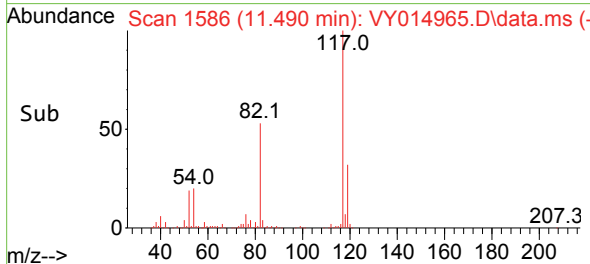
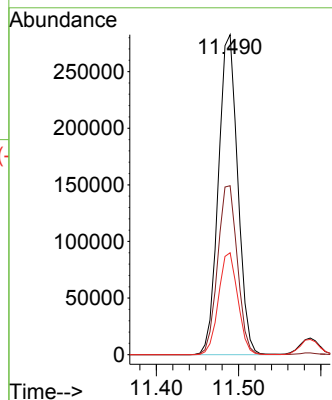
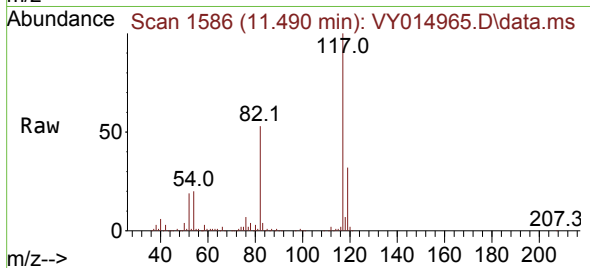
Tgt Ion:117 Resp: 462274

Ion Ratio Lower Upper

117 100

82 52.8 43.4 65.0

119 31.9 26.3 39.5



#64

Tetrachloroethene

Concen: 10.688 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY014965.D

Acq: 07 Aug 2023 15:48

Tgt Ion:164 Resp: 37164

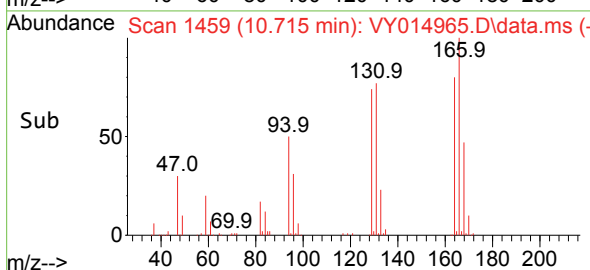
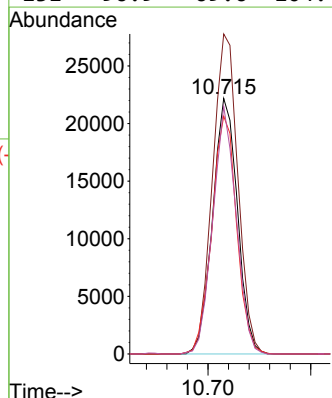
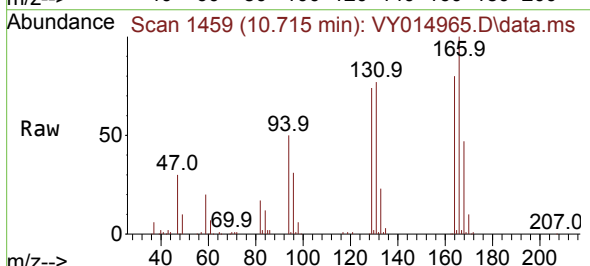
Ion Ratio Lower Upper

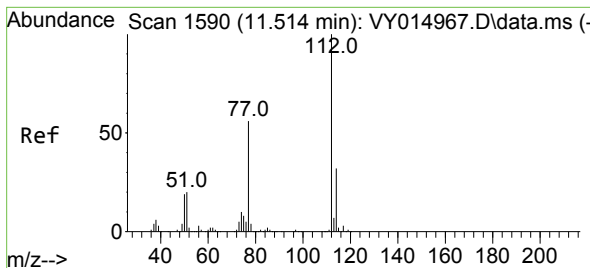
164 100

166 125.2 103.0 154.6

129 93.0 77.2 115.8

131 96.9 69.6 104.4





#65

Chlorobenzene

Concen: 10.192 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY014965.D

Acq: 07 Aug 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

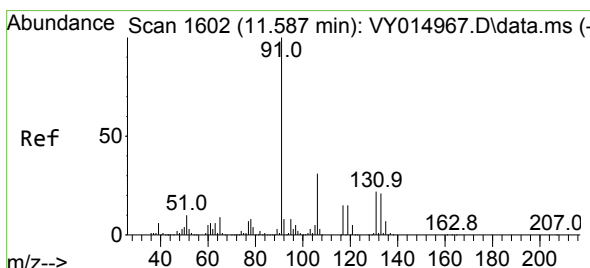
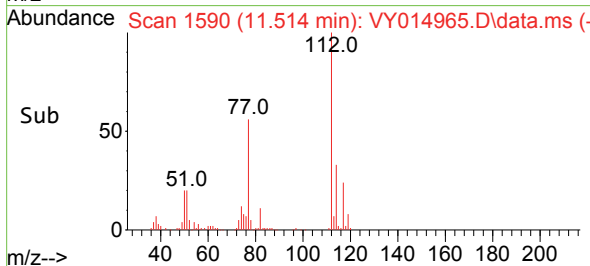
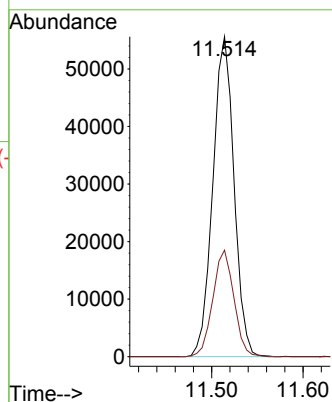
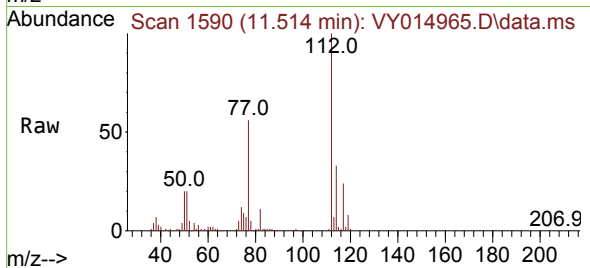
VSTDIC010

Tgt Ion:112 Resp: 89402

Ion Ratio Lower Upper

112 100

114 33.3 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 10.196 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY014965.D

Acq: 07 Aug 2023 15:48

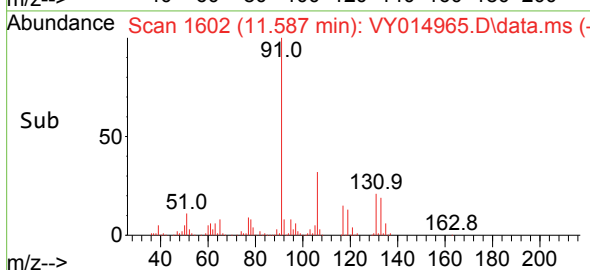
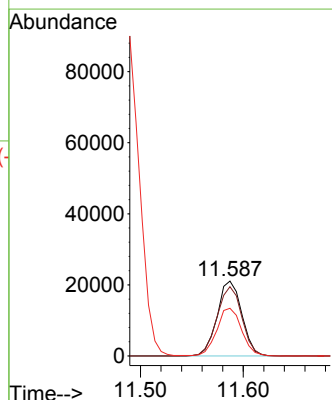
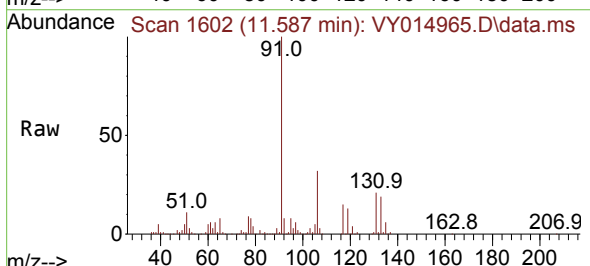
Tgt Ion:131 Resp: 35046

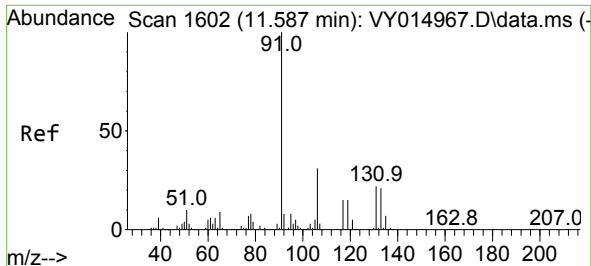
Ion Ratio Lower Upper

131 100

133 93.5 47.5 142.6

119 64.6 31.6 94.7

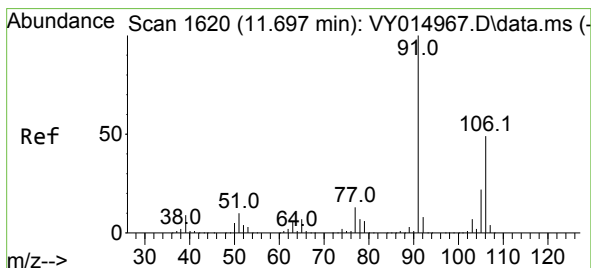
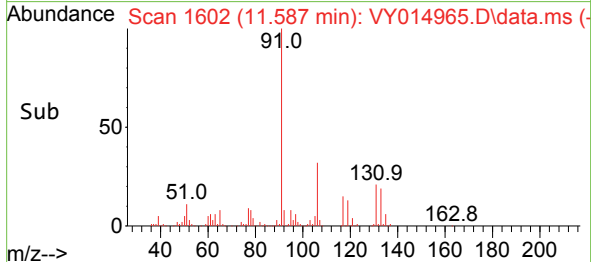
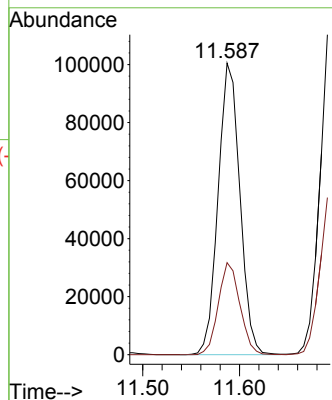
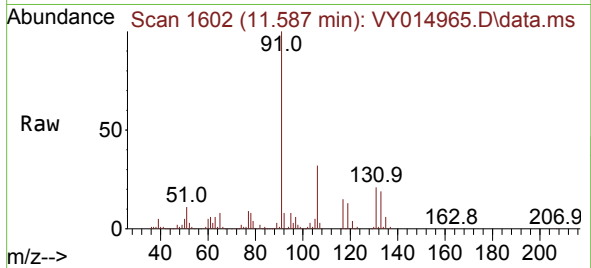




#67
Ethyl Benzene
Concen: 10.211 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

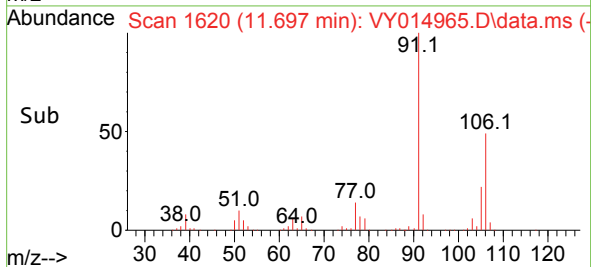
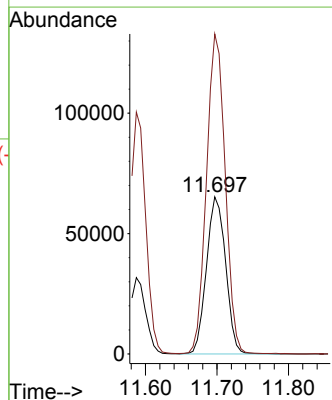
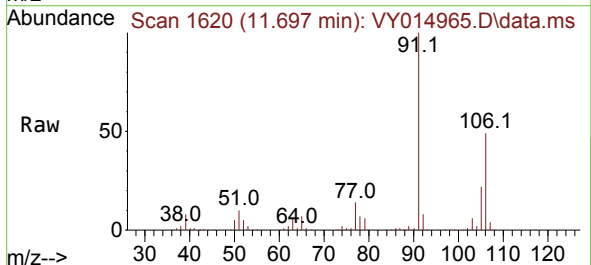
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

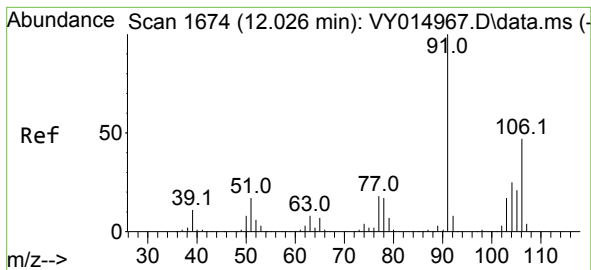
Tgt Ion: 91 Resp: 157185
Ion Ratio Lower Upper
91 100
106 31.6 24.6 36.8



#68
m/p-Xylenes
Concen: 20.658 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

Tgt Ion: 106 Resp: 121652
Ion Ratio Lower Upper
106 100
91 198.3 166.1 249.1





#69

o-Xylene

Concen: 10.122 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014965.D

Acq: 07 Aug 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

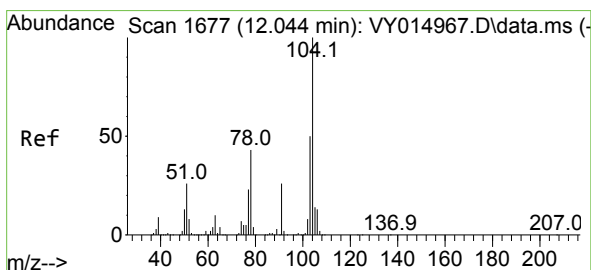
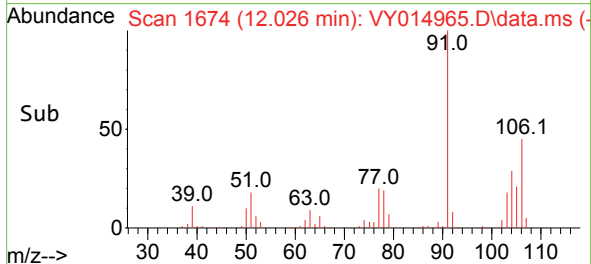
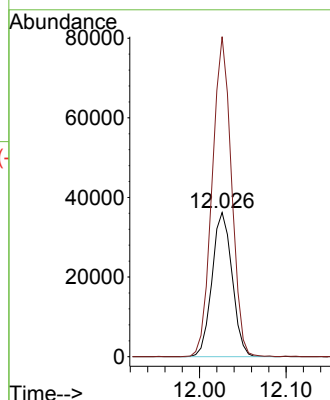
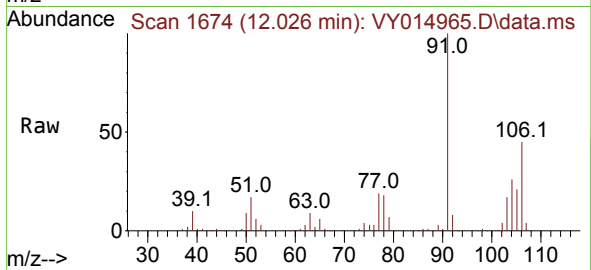
VSTDICC010

Tgt Ion:106 Resp: 58327

Ion Ratio Lower Upper

106 100

91 213.7 108.1 324.3



#70

Styrene

Concen: 10.045 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. -0.006 min

Lab File: VY014965.D

Acq: 07 Aug 2023 15:48

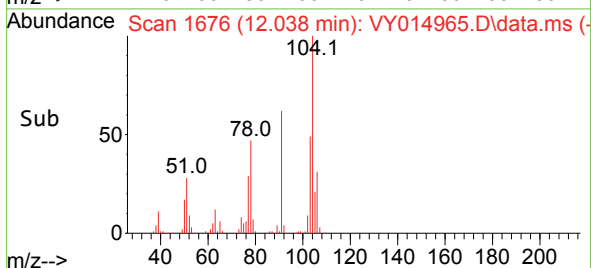
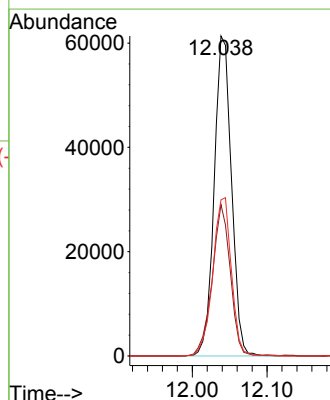
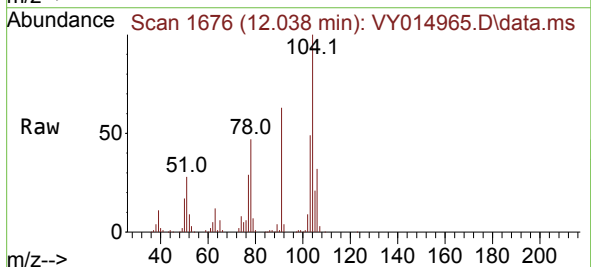
Tgt Ion:104 Resp: 98923

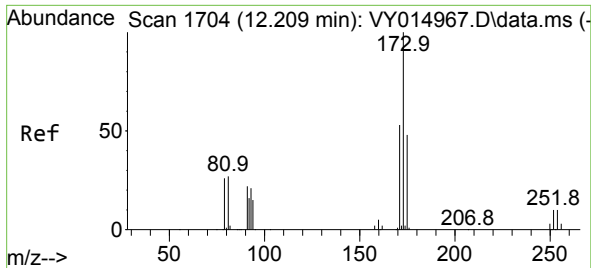
Ion Ratio Lower Upper

104 100

78 49.5 41.5 62.3

103 53.3 44.6 67.0

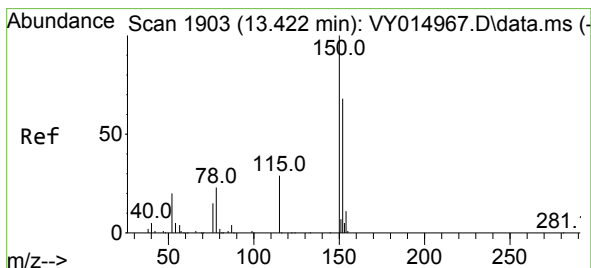
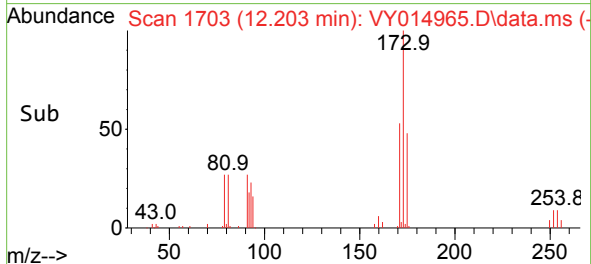
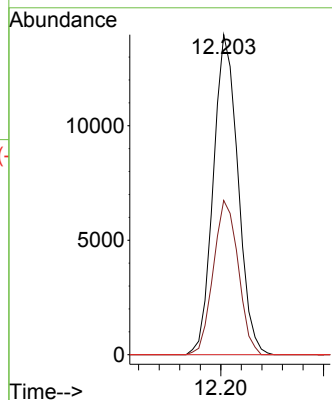
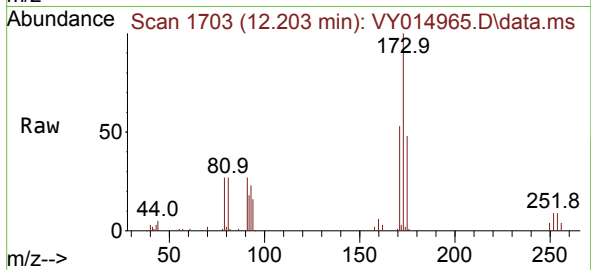




#71
Bromoform
Concen: 9.819 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

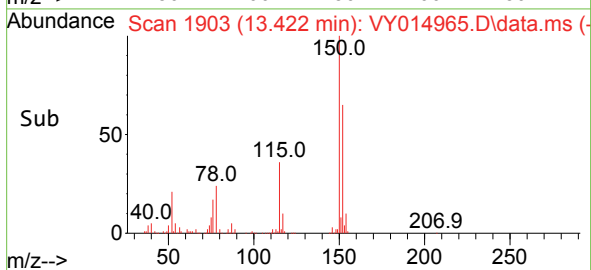
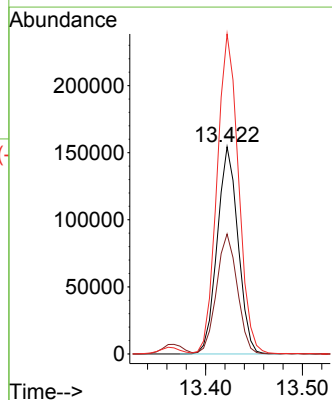
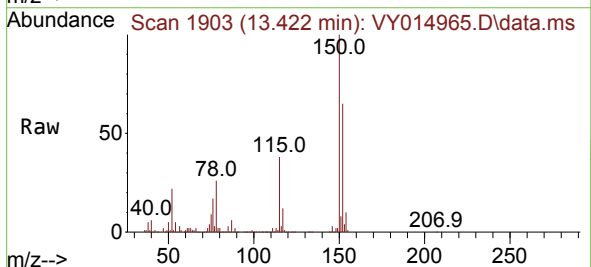
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

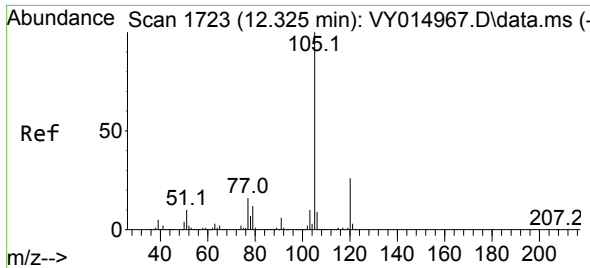
Tgt Ion:173 Resp: 23262
Ion Ratio Lower Upper
173 100
175 48.6 24.6 73.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

Tgt Ion:152 Resp: 229979
Ion Ratio Lower Upper
152 100
115 58.0 28.8 86.5
150 159.9 0.0 348.8

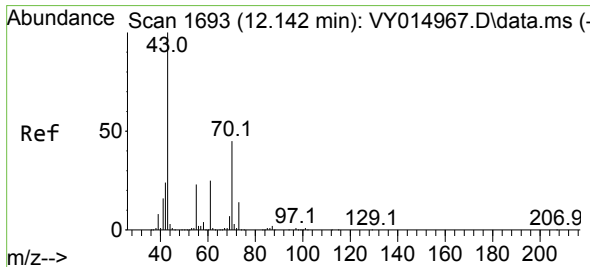
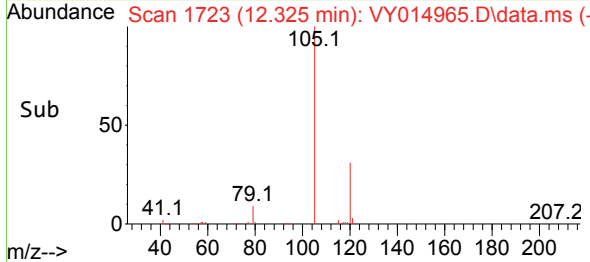
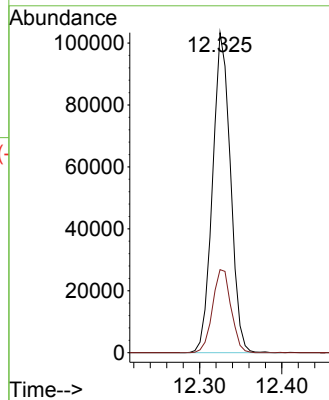
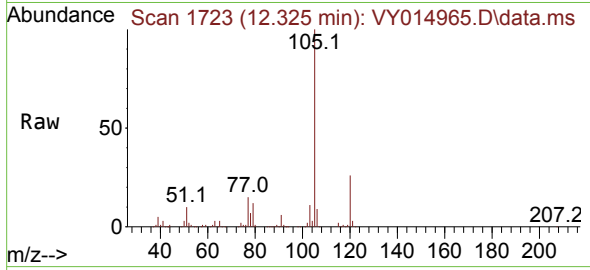




#73
Isopropylbenzene
Concen: 10.090 ug/l
RT: 12.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

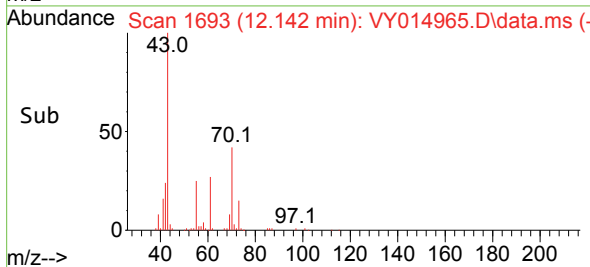
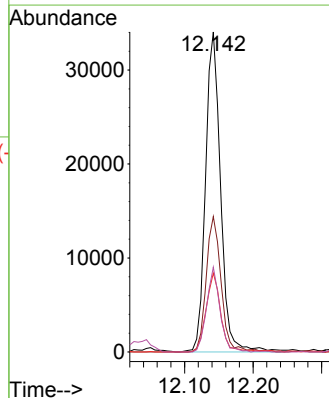
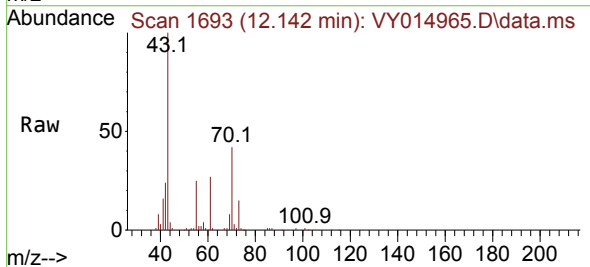
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

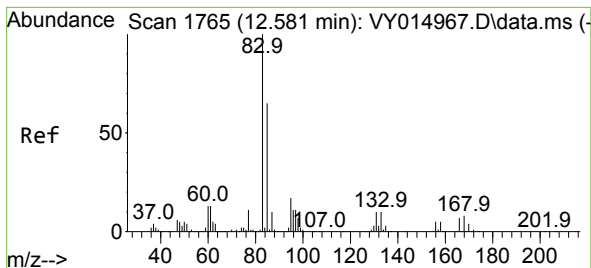
Tgt Ion:105 Resp: 155990
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.9



#74
N-ethyl acetate
Concen: 9.878 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

Tgt Ion: 43 Resp: 52174
Ion Ratio Lower Upper
43 100
70 42.2 29.7 44.5
55 24.0 18.3 27.5
61 23.5 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 9.836 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY014965.D

Acq: 07 Aug 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

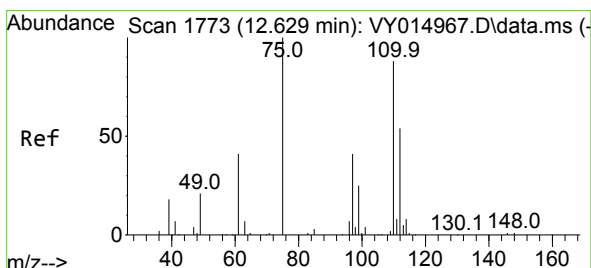
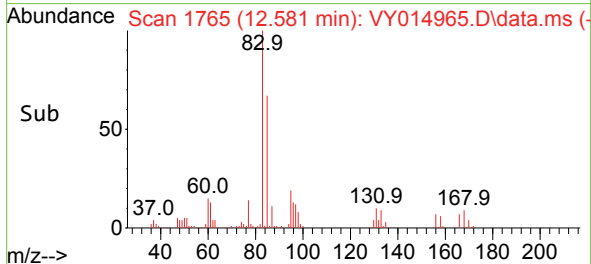
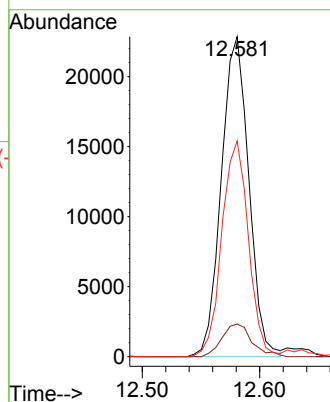
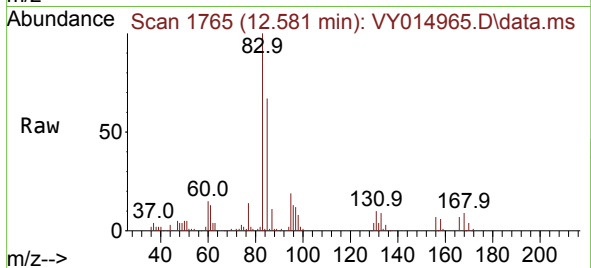
Tgt Ion: 83 Resp: 37162

Ion Ratio Lower Upper

83 100

131 11.1 5.4 16.2

85 65.3 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 17.435 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY014965.D

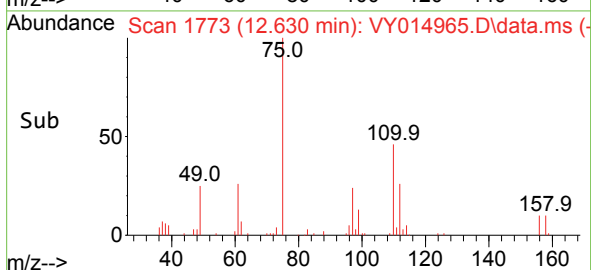
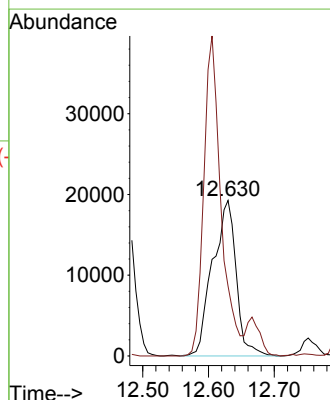
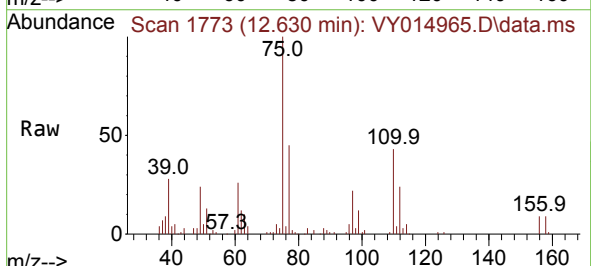
Acq: 07 Aug 2023 15:48

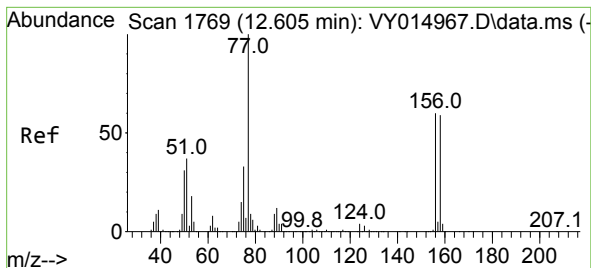
Tgt Ion: 75 Resp: 48045

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 10.297 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY014965.D

Acq: 07 Aug 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

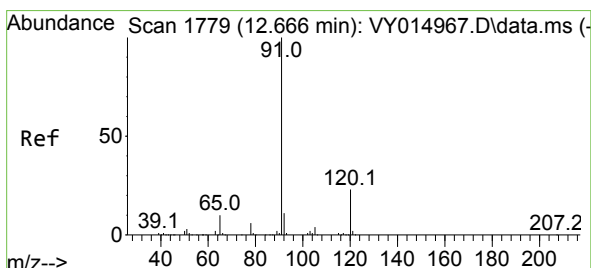
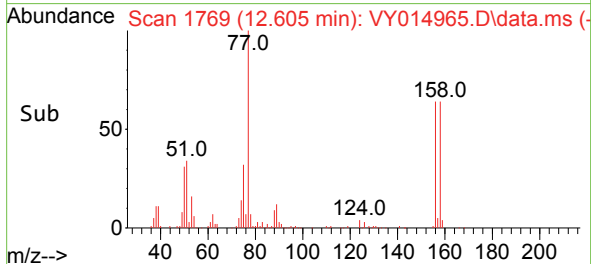
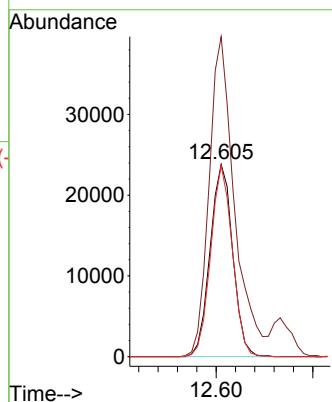
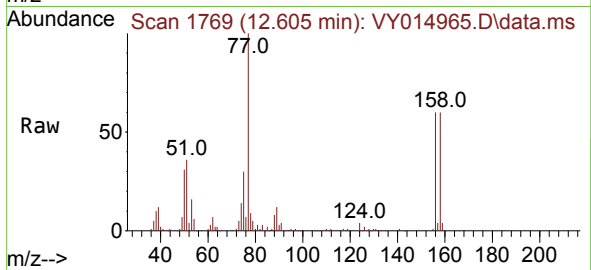
Tgt Ion:156 Resp: 38613

Ion Ratio Lower Upper

156 100

77 185.8 92.8 278.6

158 95.5 48.4 145.3



#78

n-propylbenzene

Concen: 10.241 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY014965.D

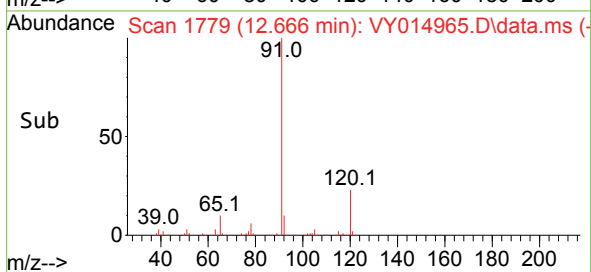
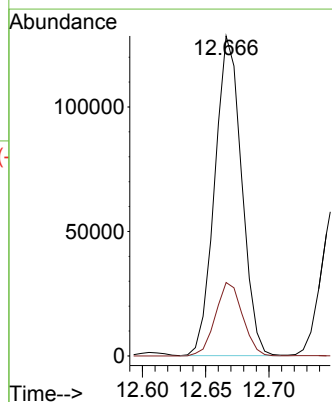
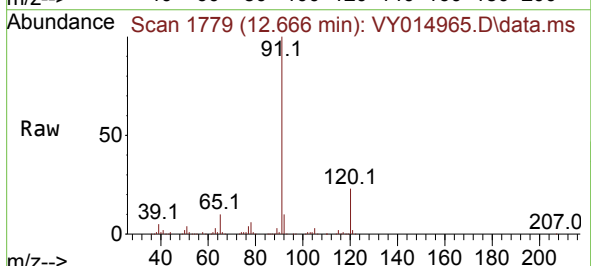
Acq: 07 Aug 2023 15:48

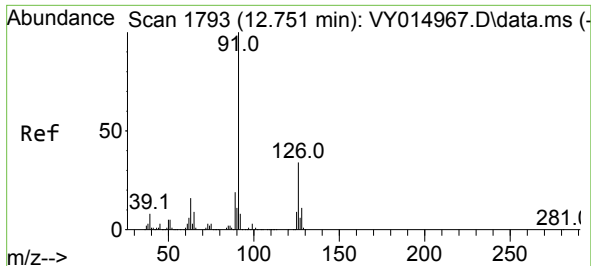
Tgt Ion: 91 Resp: 189355

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4

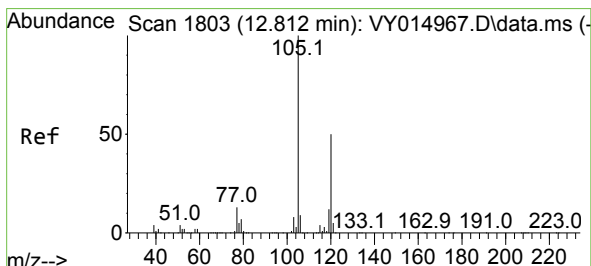
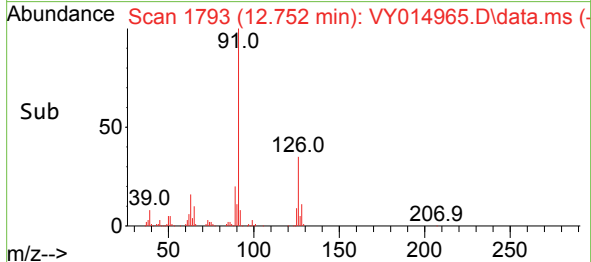
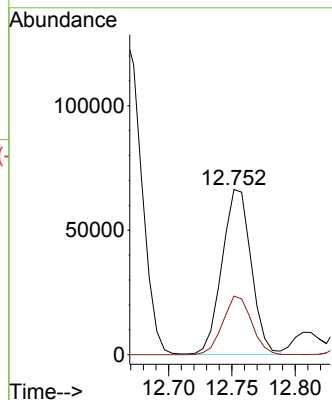
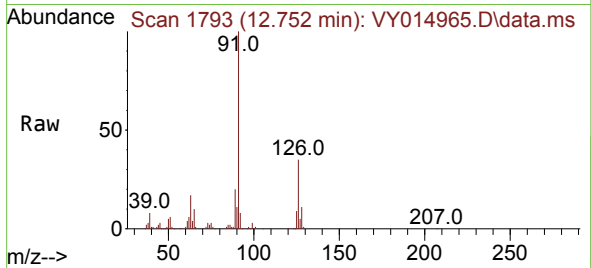




#79
2-Chlorotoluene
Concen: 10.097 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

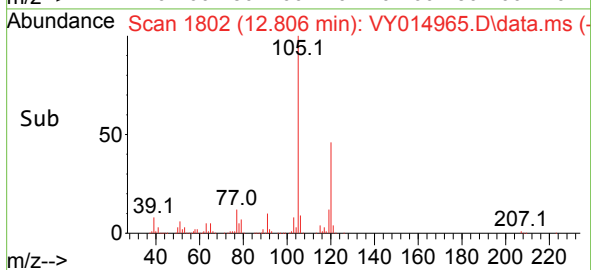
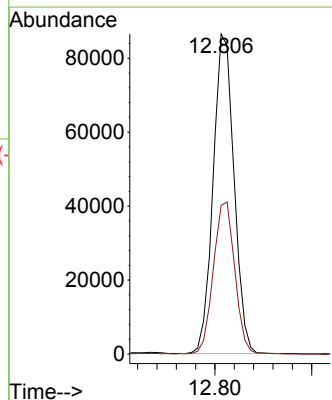
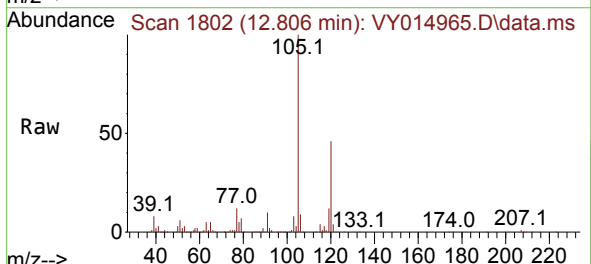
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

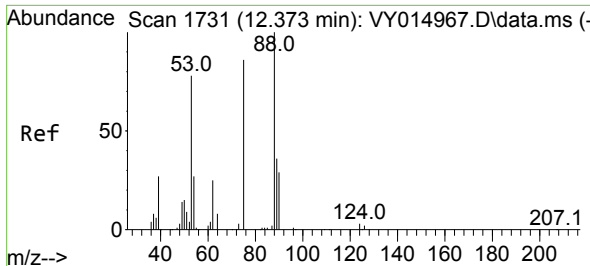
Tgt Ion: 91 Resp: 106401
Ion Ratio Lower Upper
91 100
126 35.1 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 10.160 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

Tgt Ion: 105 Resp: 129442
Ion Ratio Lower Upper
105 100
120 48.8 23.9 71.7

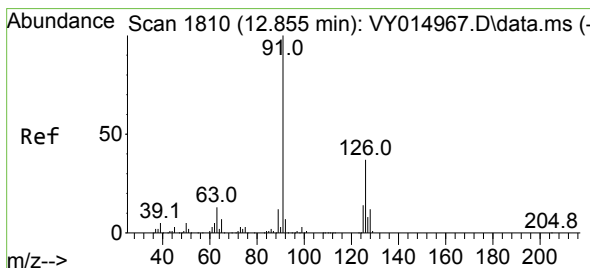
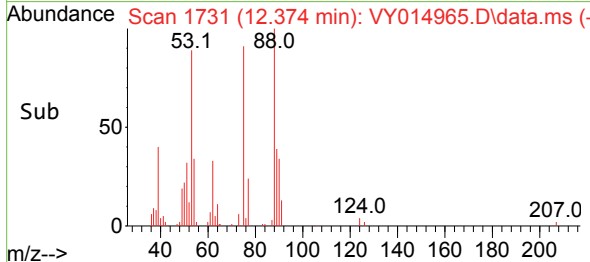
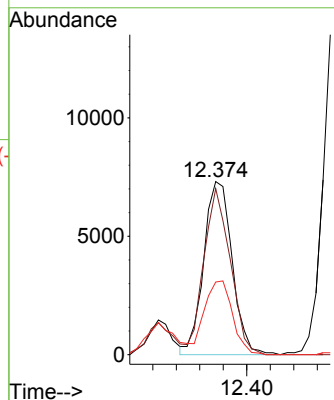
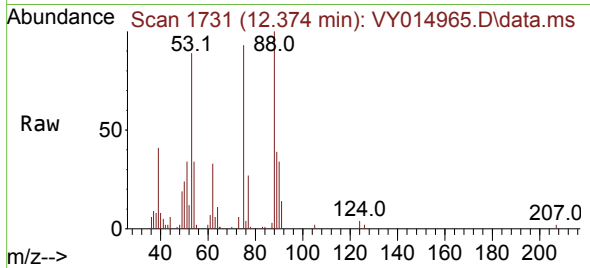




#81
trans-1,4-Dichloro-2-butene
Concen: 9.816 ug/l
RT: 12.374 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

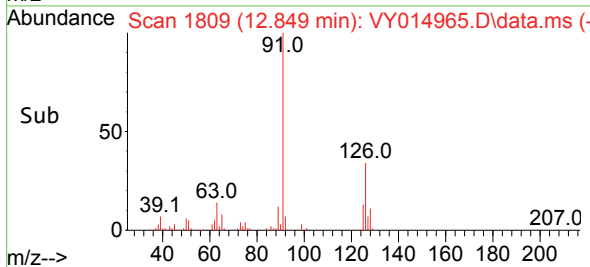
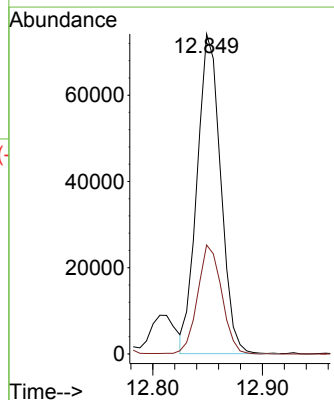
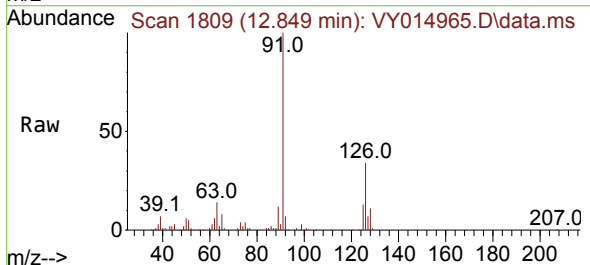
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

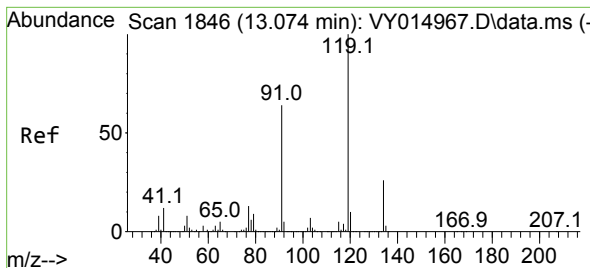
Tgt Ion: 75 Resp: 12278
Ion Ratio Lower Upper
75 100
53 89.0 77.8 116.8
89 41.1 37.4 56.0



#82
4-Chlorotoluene
Concen: 10.175 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

Tgt Ion: 91 Resp: 110851
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.6





#83

tert-Butylbenzene

Concen: 10.177 ug/l

RT: 13.069 min Scan# 1845

Delta R.T. -0.006 min

Lab File: VY014965.D

Acq: 07 Aug 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

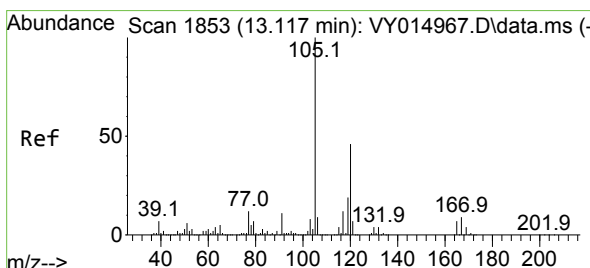
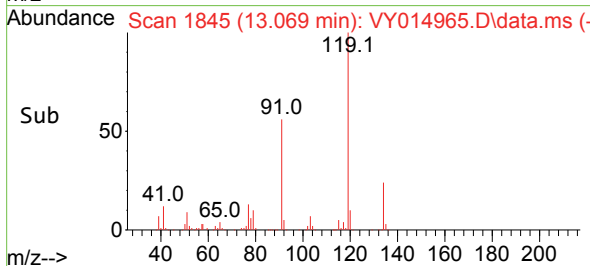
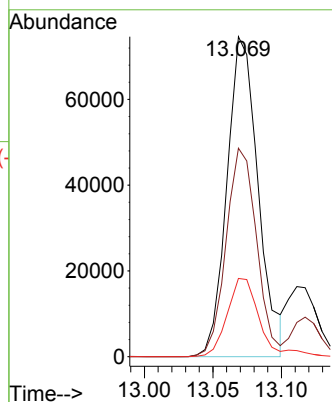
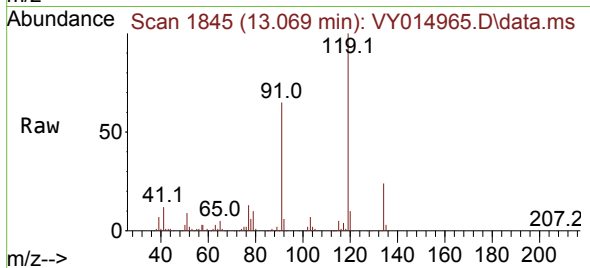
Tgt Ion:119 Resp: 118611

Ion Ratio Lower Upper

119 100

91 63.8 32.9 98.6

134 25.5 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 10.181 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY014965.D

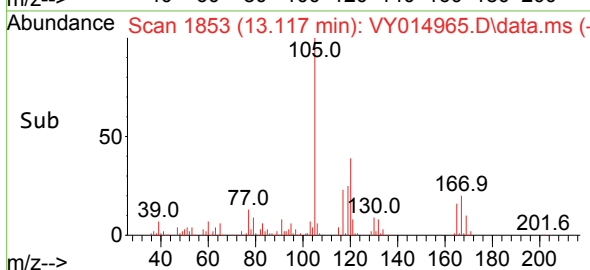
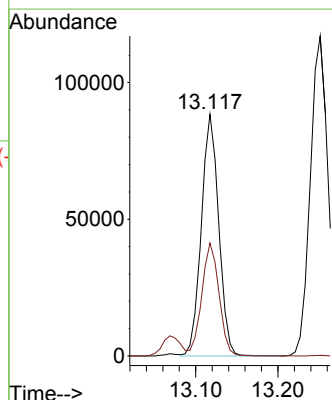
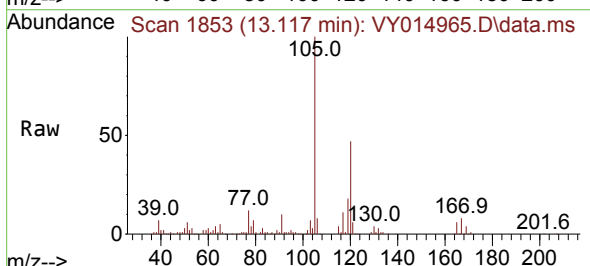
Acq: 07 Aug 2023 15:48

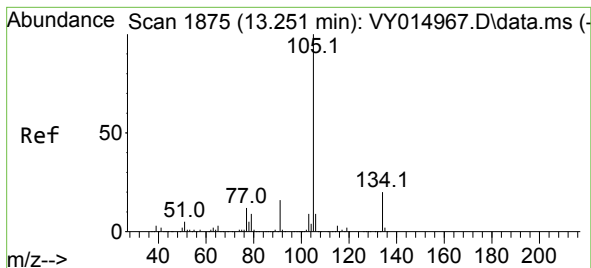
Tgt Ion:105 Resp: 129946

Ion Ratio Lower Upper

105 100

120 45.8 22.2 66.6





#85

sec-Butylbenzene

Concen: 10.220 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY014965.D

Acq: 07 Aug 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

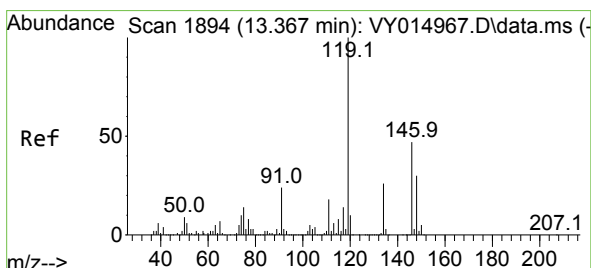
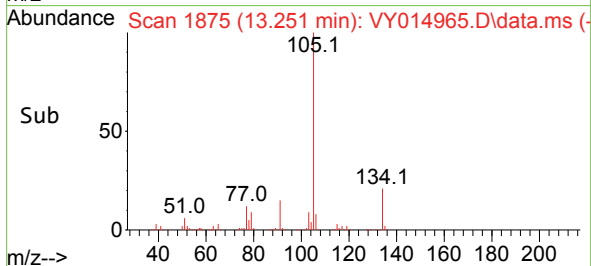
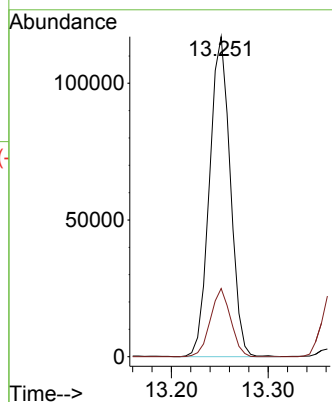
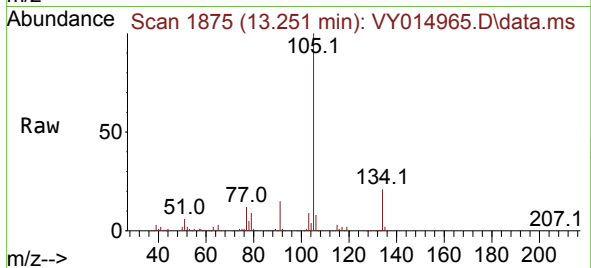
VSTDIC010

Tgt Ion:105 Resp: 174804

Ion Ratio Lower Upper

105 100

134 20.7 10.2 30.6



#86

p-Isopropyltoluene

Concen: 10.142 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY014965.D

Acq: 07 Aug 2023 15:48

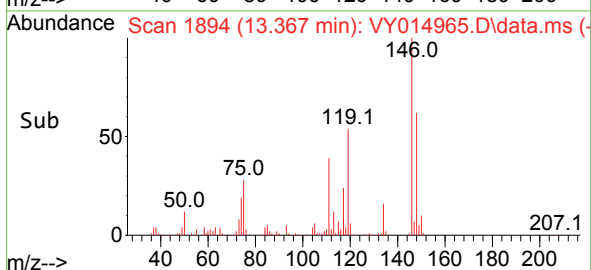
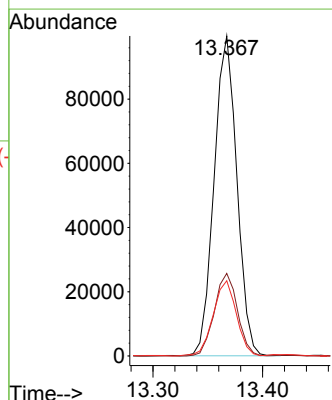
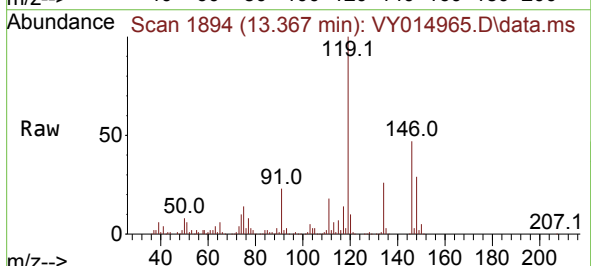
Tgt Ion:119 Resp: 143590

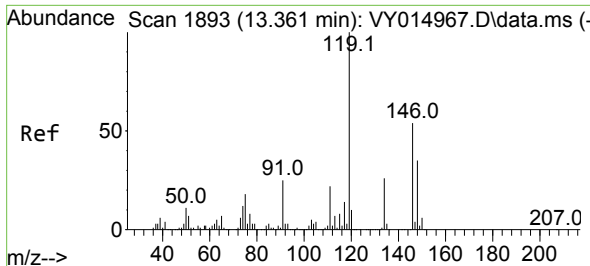
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

91 24.1 12.4 37.4

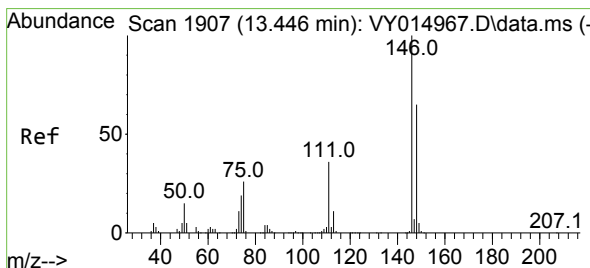
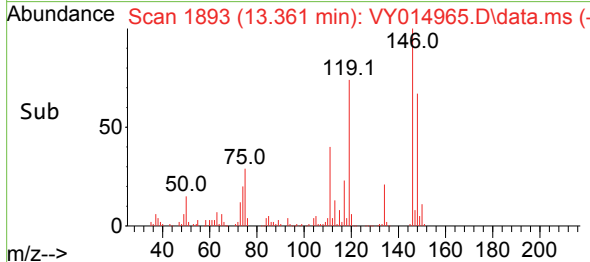
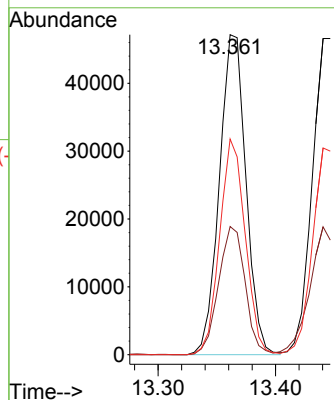
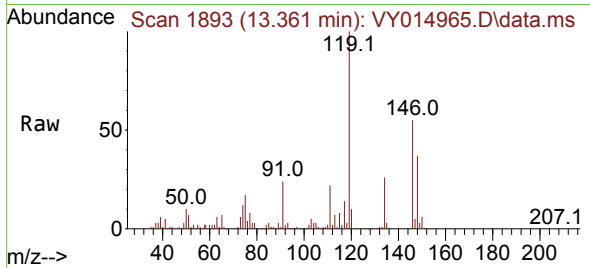




#87
1,3-Dichlorobenzene
Concen: 10.112 ug/l
RT: 13.361 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

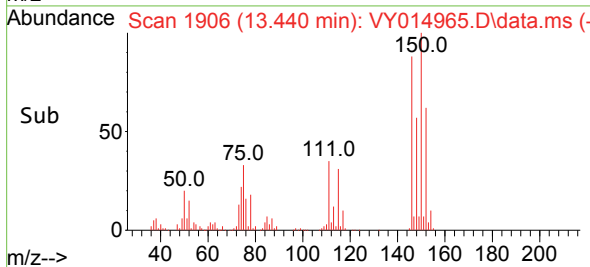
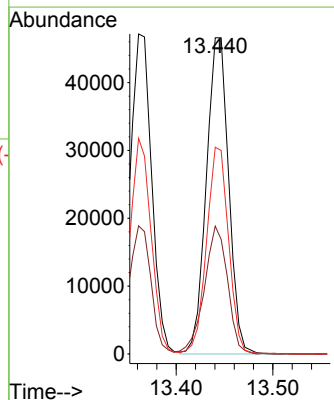
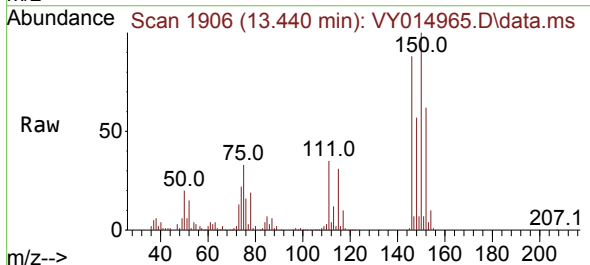
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

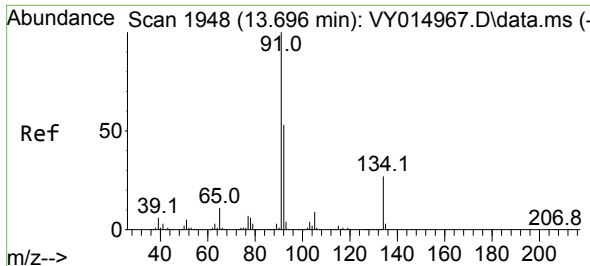
Tgt Ion:146 Resp: 74222
Ion Ratio Lower Upper
146 100
111 40.0 19.4 58.2
148 64.9 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 10.224 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

Tgt Ion:146 Resp: 74839
Ion Ratio Lower Upper
146 100
111 42.2 18.9 56.7
148 64.5 32.1 96.5

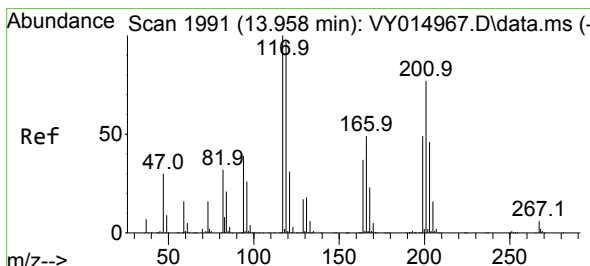
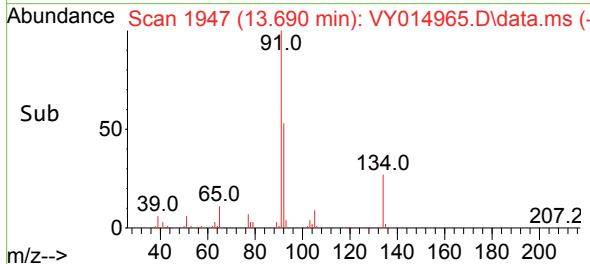
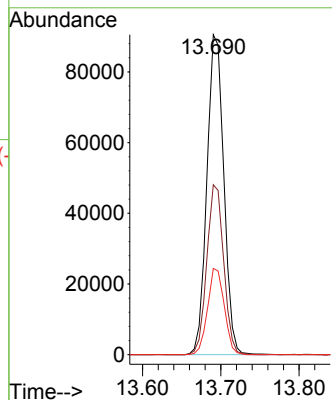
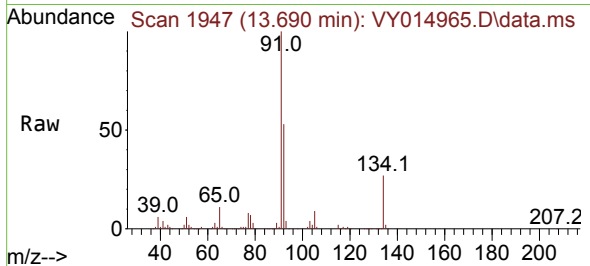




#89
n-Butylbenzene
Concen: 10.188 ug/l
RT: 13.690 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

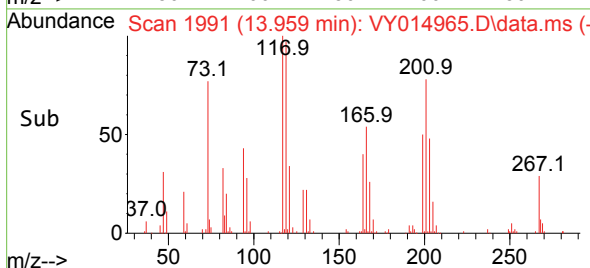
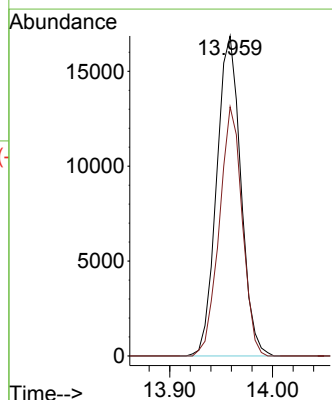
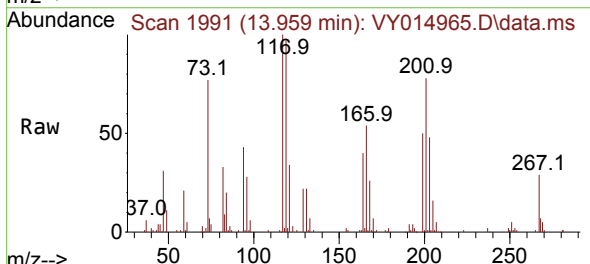
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

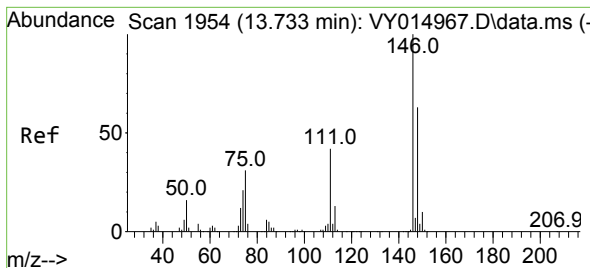
Tgt Ion: 91 Resp: 135531
Ion Ratio Lower Upper
91 100
92 53.0 25.4 76.0
134 26.6 12.6 37.6



#90
Hexachloroethane
Concen: 9.998 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY014965.D
Acq: 07 Aug 2023 15:48

Tgt Ion: 117 Resp: 27488
Ion Ratio Lower Upper
117 100
201 73.9 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 10.314 ug/l

RT: 13.739 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VY014965.D

Acq: 07 Aug 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

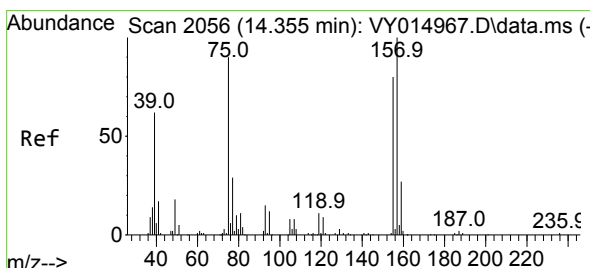
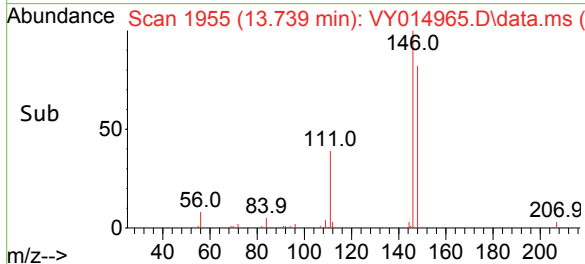
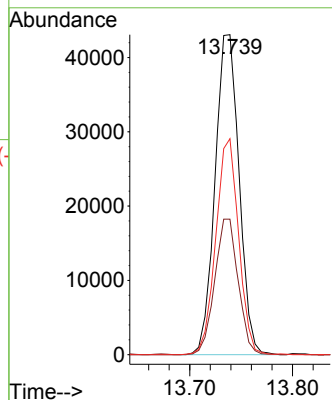
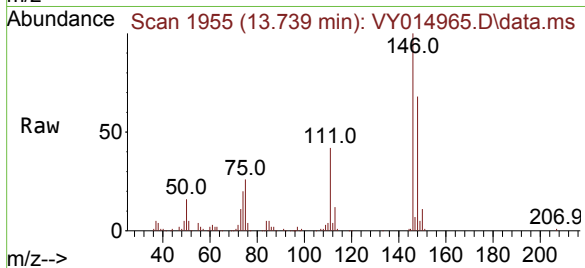
Tgt Ion:146 Resp: 69871

Ion Ratio Lower Upper

146 100

111 41.5 19.7 59.0

148 64.3 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 9.571 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY014965.D

Acq: 07 Aug 2023 15:48

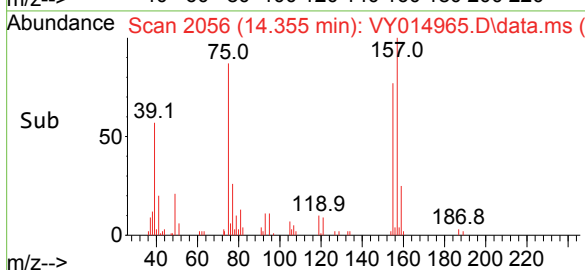
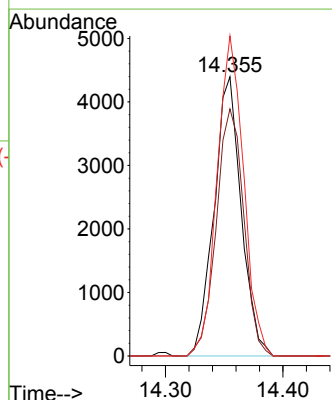
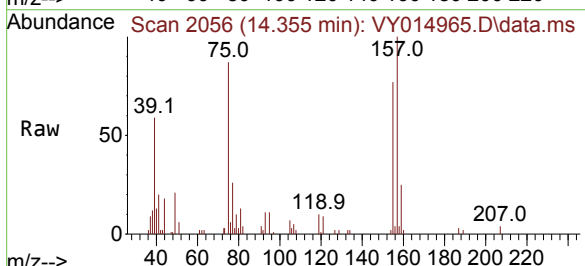
Tgt Ion: 75 Resp: 7060

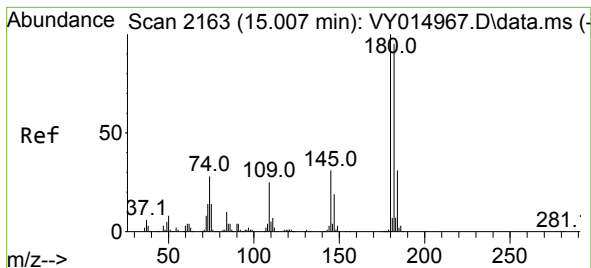
Ion Ratio Lower Upper

75 100

155 89.6 41.5 124.6

157 112.4 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 9.870 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY014965.D

Acq: 07 Aug 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

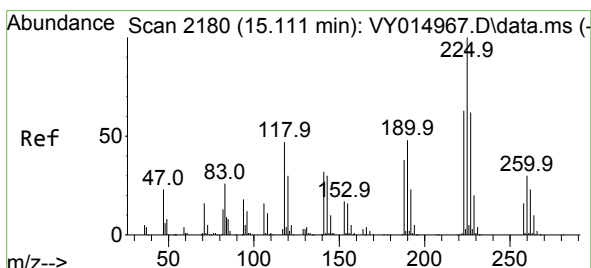
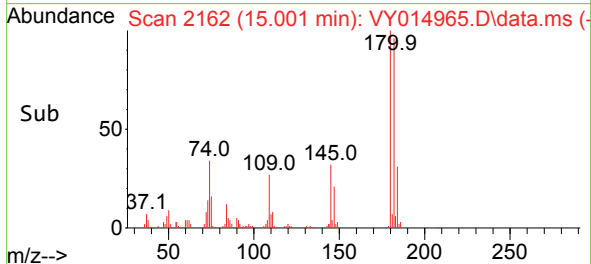
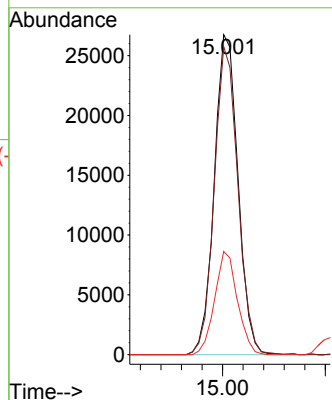
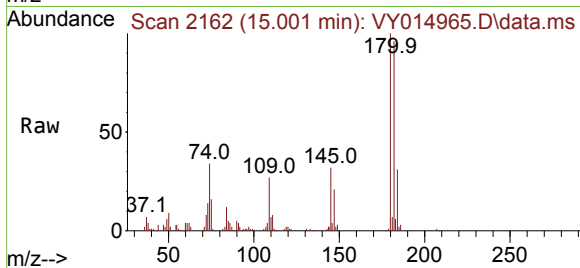
Tgt Ion:180 Resp: 42787

Ion Ratio Lower Upper

180 100

182 95.8 47.0 141.2

145 31.0 14.5 43.5



#94

Hexachlorobutadiene

Concen: 10.027 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY014965.D

Acq: 07 Aug 2023 15:48

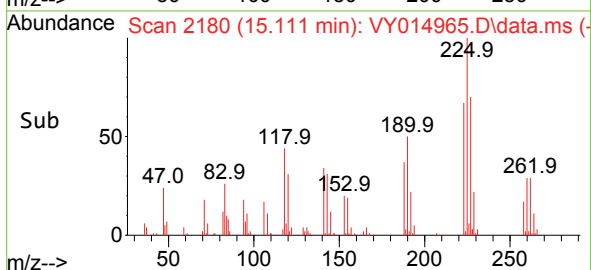
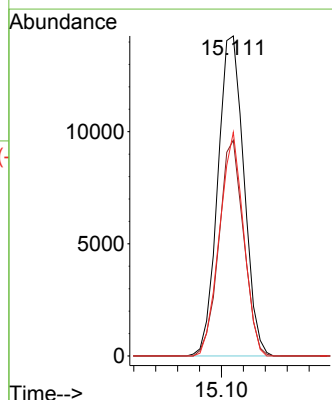
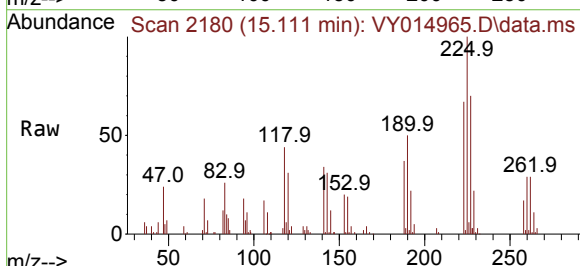
Tgt Ion:225 Resp: 23570

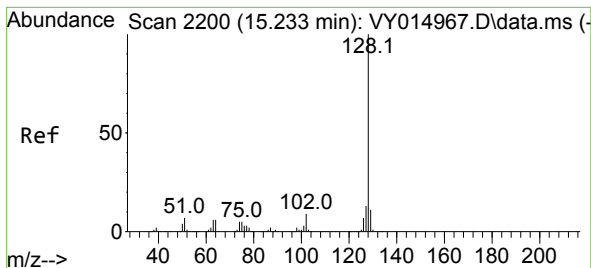
Ion Ratio Lower Upper

225 100

223 63.8 31.9 95.9

227 64.3 33.0 98.9





#95

Naphthalene

Concen: 9.684 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY014965.D

Acq: 07 Aug 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

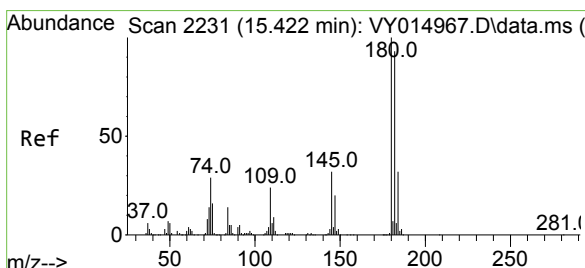
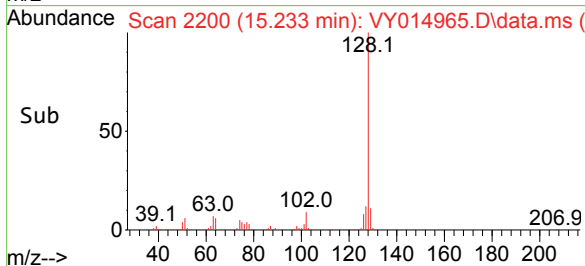
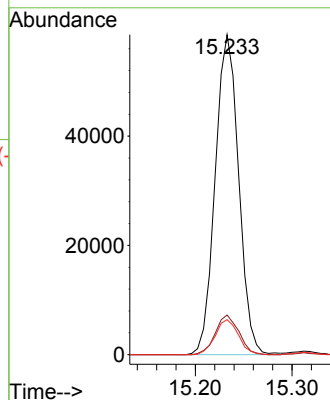
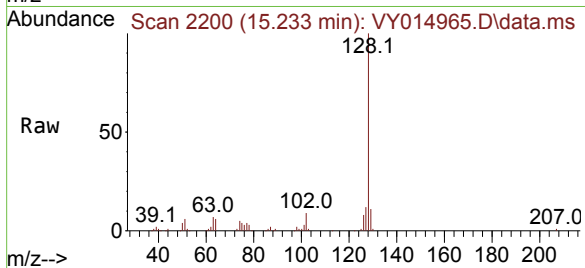
Tgt Ion:128 Resp: 98775

Ion Ratio Lower Upper

128 100

127 12.4 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 9.938 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY014965.D

Acq: 07 Aug 2023 15:48

Tgt Ion:180 Resp: 38995

Ion Ratio Lower Upper

180 100

182 93.3 47.3 141.8

145 31.9 15.4 46.2

