

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100523\
 Data File : VY015845.D
 Acq On : 05 Oct 2023 13:09
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Oct 06 05:19:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 05:15:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	207740	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	343560	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	309504	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	157195	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	40288	19.712	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	39.420%#
35) Dibromofluoromethane	7.716	113	38529	19.675	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	39.340%#
50) Toluene-d8	10.179	98	120719	18.987	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	37.980%#
62) 4-Bromofluorobenzene	12.477	95	51114	19.668	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	39.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	17846	18.680	ug/l	95
3) Chloromethane	2.107	50	18840	17.745	ug/l	99
4) Vinyl Chloride	2.247	62	23865	17.847	ug/l	96
5) Bromomethane	2.637	94	15118	15.404	ug/l	98
6) Chloroethane	2.778	64	17970	18.814	ug/l	99
7) Trichlorofluoromethane	3.113	101	50971	19.646	ug/l	98
8) Diethyl Ether	3.527	74	22049	19.493	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.887	101	33737	19.950	ug/l	95
10) Methyl Iodide	4.082	142	24332	17.880	ug/l	98
11) Tert butyl alcohol	4.978	59	69587	151.379	ug/l #	88
12) 1,1-Dichloroethene	3.863	96	25323	18.725	ug/l	88
13) Acrolein	3.729	56	16166	102.525	ug/l	100
14) Allyl chloride	4.466	41	49110	19.261	ug/l	92
15) Acrylonitrile	5.167	53	93169	105.593	ug/l	97
16) Acetone	3.954	43	117333	110.808	ug/l	90
17) Carbon Disulfide	4.186	76	30364	16.570	ug/l	99
18) Methyl Acetate	4.479	43	68426	19.855	ug/l	93
19) Methyl tert-butyl Ether	5.222	73	127878	20.005	ug/l	98
20) Methylene Chloride	4.710	84	56367	21.005	ug/l	94
21) trans-1,2-Dichloroethene	5.216	96	28916	18.562	ug/l	92
22) Diisopropyl ether	6.119	45	132568	20.023	ug/l	95
23) Vinyl Acetate	6.058	43	412613	102.967	ug/l	95
24) 1,1-Dichloroethane	6.009	63	69823	19.860	ug/l #	96
25) 2-Butanone	6.990	43	158151	108.580	ug/l	97
26) 2,2-Dichloropropane	6.978	77	62761	19.210	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	43911	19.500	ug/l	97
28) Bromochloromethane	7.332	49	41587	20.227	ug/l	93
29) Tetrahydrofuran	7.350	42	86362	106.262	ug/l	92
30) Chloroform	7.502	83	79815	20.294	ug/l	97
31) Cyclohexane	7.777	56	41811	18.149	ug/l	88
32) 1,1,1-Trichloroethane	7.697	97	63367	19.709	ug/l	99
36) 1,1-Dichloropropene	7.911	75	44972	19.249	ug/l	100
37) Ethyl Acetate	7.076	43	57153	21.860	ug/l	96
38) Carbon Tetrachloride	7.893	117	54756	19.932	ug/l	94
39) Methylcyclohexane	9.179	83	46117	18.457	ug/l	94
40) Benzene	8.161	78	142375	19.421	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	26853	21.976	ug/l #	91
42) 1,2-Dichloroethane	8.234	62	53632	20.318	ug/l	94
43) Isopropyl Acetate	8.271	43	93630	20.806	ug/l	98
44) Trichloroethene	8.941	130	42507	19.812	ug/l	96
45) 1,2-Dichloropropane	9.216	63	44404	20.478	ug/l	93
46) Dibromomethane	9.307	93	27624	19.926	ug/l	97
47) Bromodichloromethane	9.496	83	64636	20.086	ug/l	97
48) Methyl methacrylate	9.289	41	40398	20.554	ug/l	89
49) 1,4-Dioxane	9.319	88	13878	446.902	ug/l #	55
51) 4-Methyl-2-Pentanone	10.069	43	304866	108.295	ug/l	93
52) Toluene	10.246	92	94841	19.773	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	66288	19.633	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	70892	19.778	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	44406	20.389	ug/l	98
56) Ethyl methacrylate	10.508	69	64646	20.472	ug/l #	86
57) 1,3-Dichloropropane	10.788	76	70357	20.207	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	185732	100.942	ug/l	96
59) 2-Hexanone	10.831	43	239795	109.772	ug/l	91
60) Dibromochloromethane	10.983	129	50357	20.018	ug/l	99
61) 1,2-Dibromoethane	11.087	107	40997	20.143	ug/l	100
64) Tetrachloroethene	10.721	164	45458	20.895	ug/l	98
65) Chlorobenzene	11.514	112	116261	20.312	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	48010	20.400	ug/l	98
67) Ethyl Benzene	11.593	91	197474	20.157	ug/l	99
68) m/p-Xylenes	11.703	106	151023	40.553	ug/l	95
69) o-Xylene	12.026	106	75086	20.270	ug/l	96
70) Styrene	12.044	104	132051	20.420	ug/l	97
71) Bromoform	12.209	173	36046	20.541	ug/l #	98
73) Isopropylbenzene	12.331	105	204518	20.084	ug/l	100
74) N-amyl acetate	12.142	43	82807	21.044	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	61424	20.420	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	80569	34.623	ug/l #	100
77) Bromobenzene	12.605	156	50543	20.064	ug/l	93
78) n-propylbenzene	12.672	91	246923	20.245	ug/l	100
79) 2-Chlorotoluene	12.751	91	141167	20.098	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	171104	20.162	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	20353	20.247	ug/l	93
82) 4-Chlorotoluene	12.855	91	148070	20.142	ug/l	99
83) tert-Butylbenzene	13.075	119	157964	20.363	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	173291	20.326	ug/l	98
85) sec-Butylbenzene	13.251	105	232364	20.417	ug/l	100
86) p-Isopropyltoluene	13.367	119	193273	20.393	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	102184	20.260	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	104167	20.427	ug/l	98
89) n-Butylbenzene	13.696	91	183710	20.371	ug/l	96
90) Hexachloroethane	13.959	117	37429	20.233	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	97018	20.424	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12470	20.660	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	62127	20.095	ug/l	98
94) Hexachlorobutadiene	15.111	225	33198	20.608	ug/l	99
95) Naphthalene	15.233	128	169098	20.512	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	57640	19.898	ug/l	99

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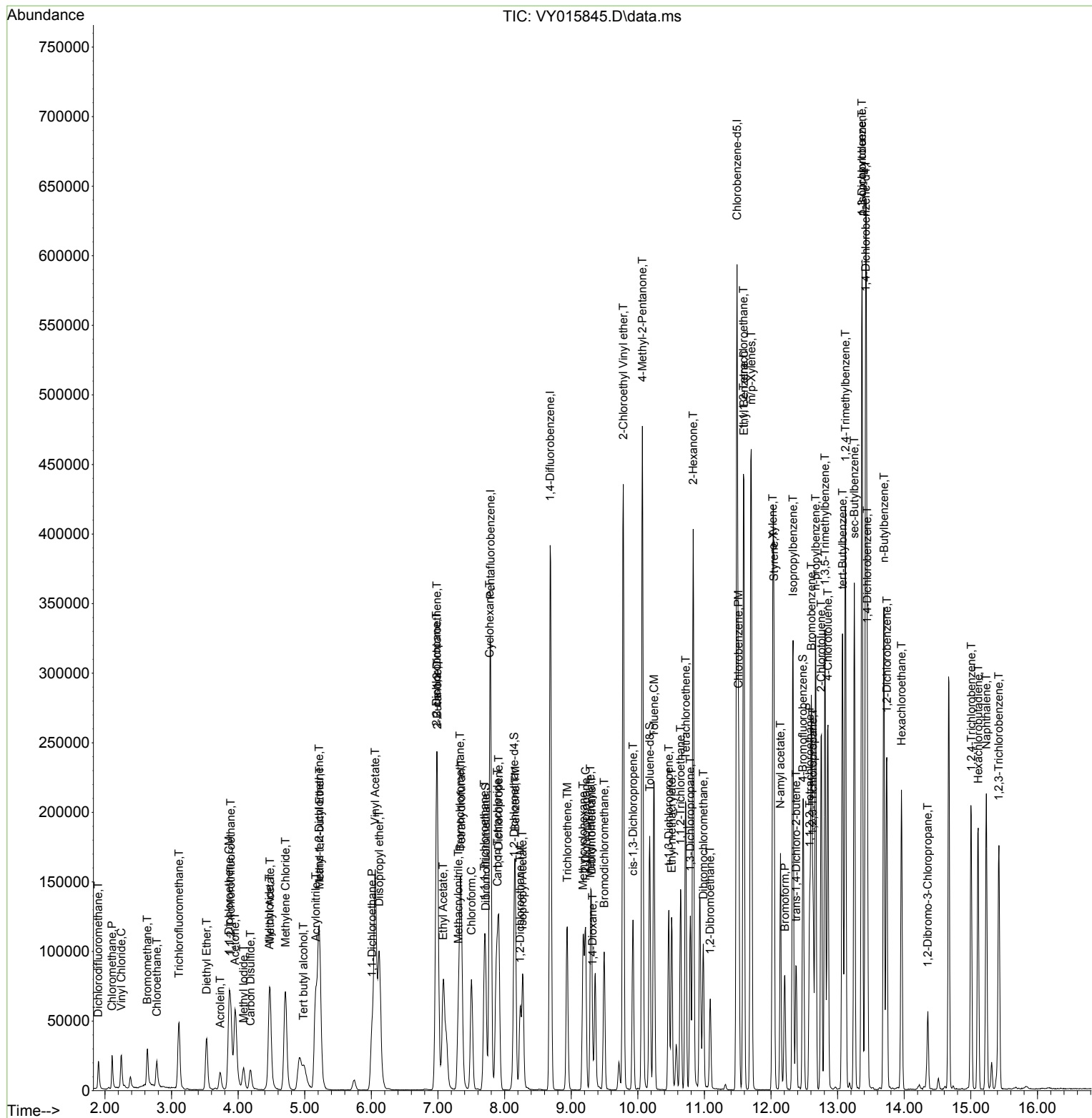
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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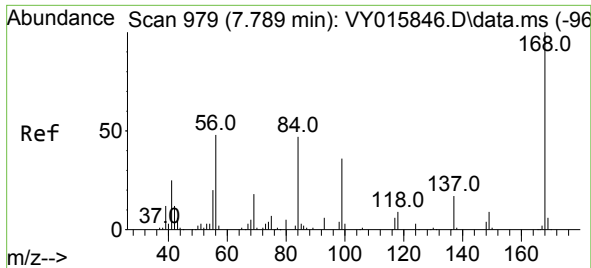
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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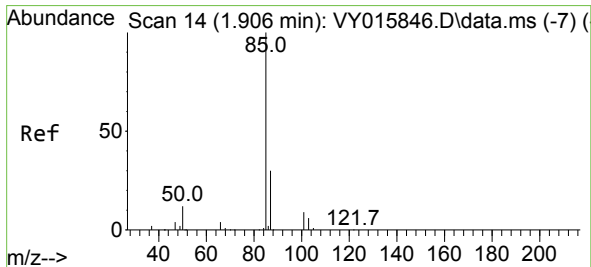
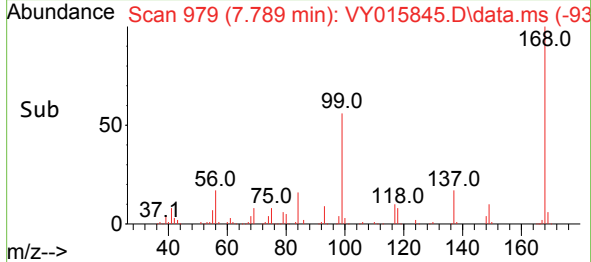
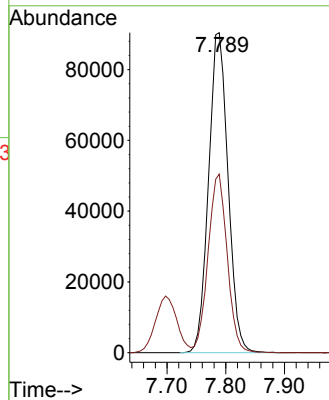
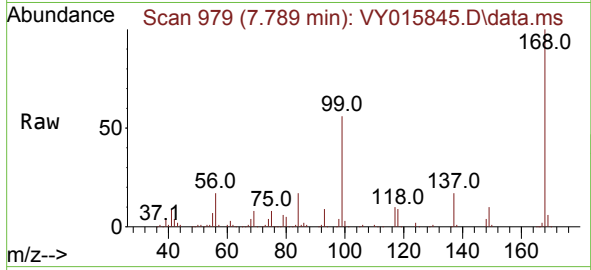




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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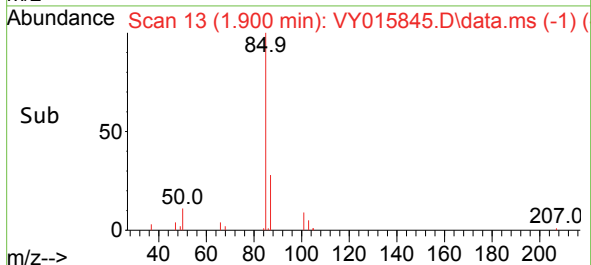
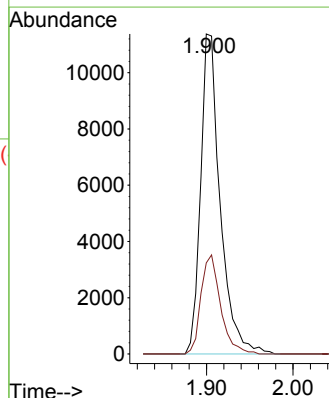
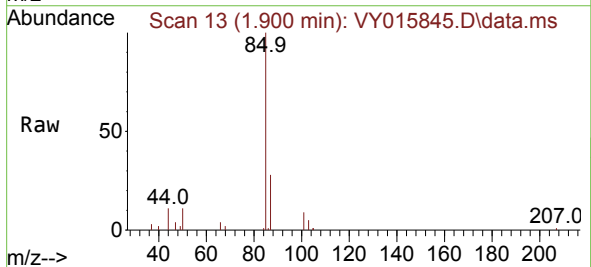
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

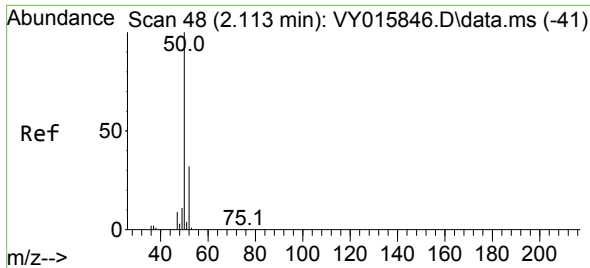
Tgt Ion:168 Resp: 207740
Ion Ratio Lower Upper
168 100
99 55.8 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 18.680 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY015845.D
Acq: 05 Oct 2023 13:09

Tgt Ion: 85 Resp: 17846
Ion Ratio Lower Upper
85 100
87 28.4 15.6 46.8

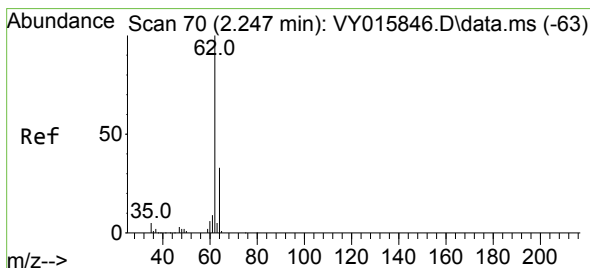
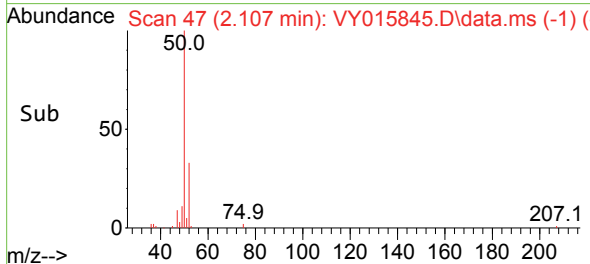
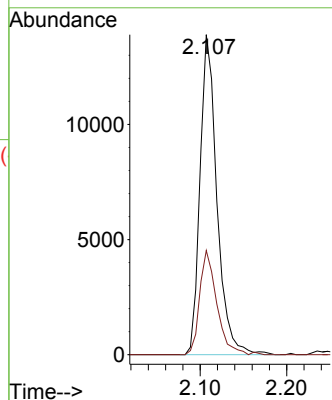
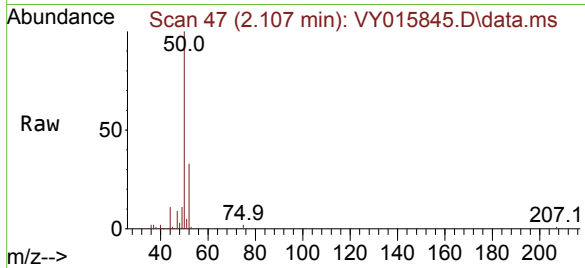




#3
Chloromethane
Concen: 17.745 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY015845.D
Acq: 05 Oct 2023 13:09

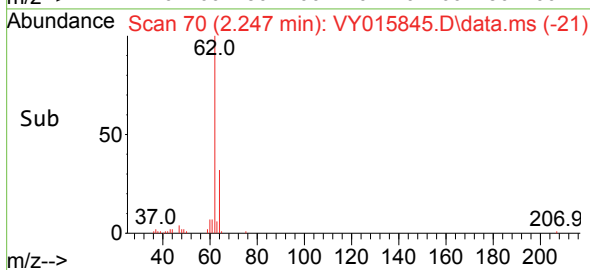
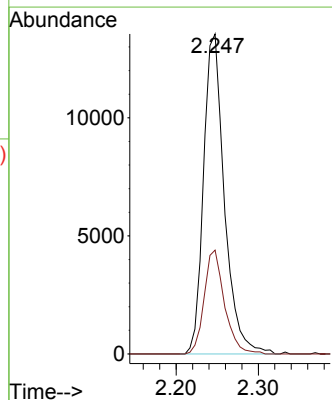
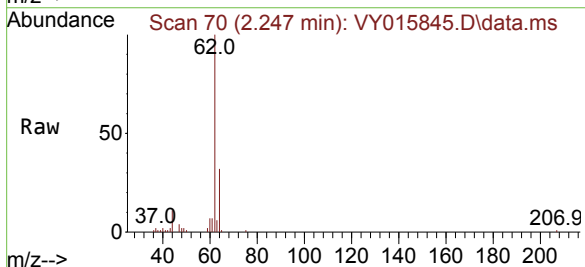
Instrument :
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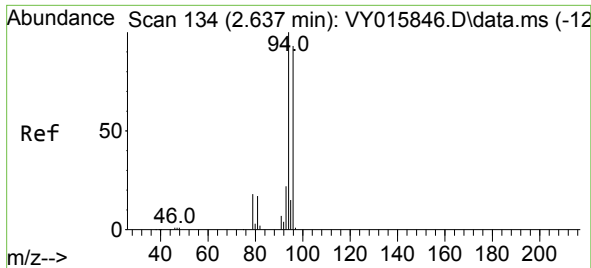
Tgt Ion: 50 Resp: 18840
Ion Ratio Lower Upper
50 100
52 32.5 25.4 38.2



#4
Vinyl Chloride
Concen: 17.847 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY015845.D
Acq: 05 Oct 2023 13:09

Tgt Ion: 62 Resp: 23865
Ion Ratio Lower Upper
62 100
64 32.4 24.3 36.5





#5

Bromomethane

Concen: 15.404 ug/l

RT: 2.637 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015845.D

Acq: 05 Oct 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :

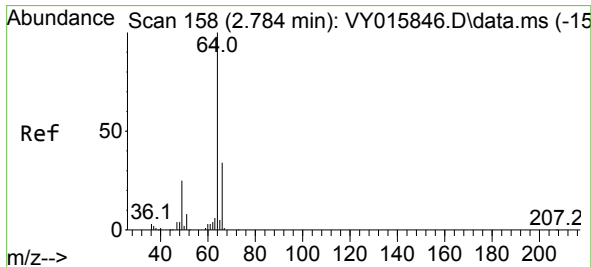
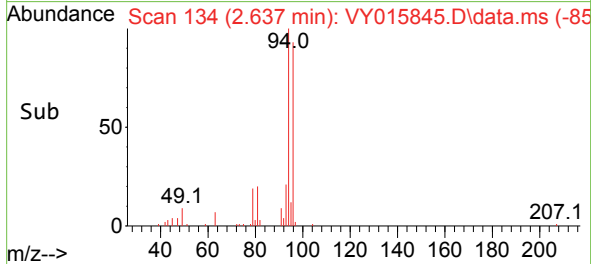
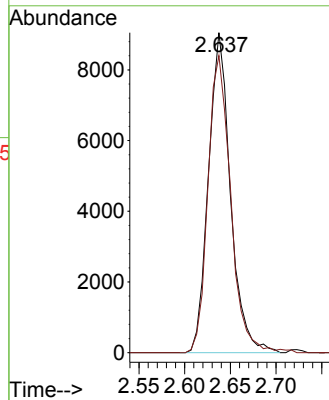
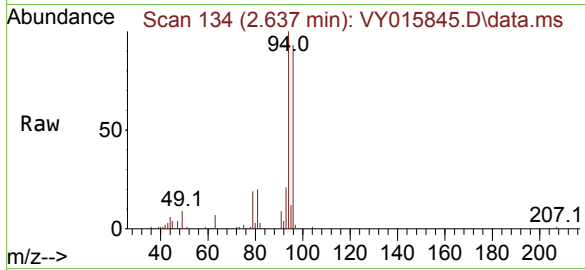
VSTDICC020

Tgt Ion: 94 Resp: 15118

Ion Ratio Lower Upper

94 100

96 92.8 75.8 113.6



#6

Chloroethane

Concen: 18.814 ug/l

RT: 2.778 min Scan# 157

Delta R.T. -0.006 min

Lab File: VY015845.D

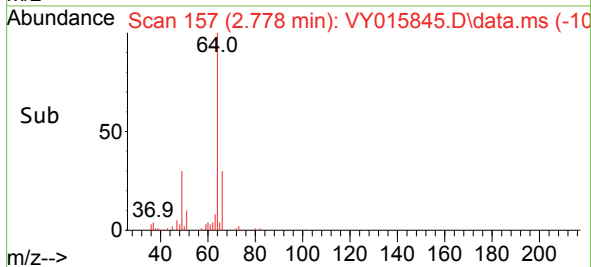
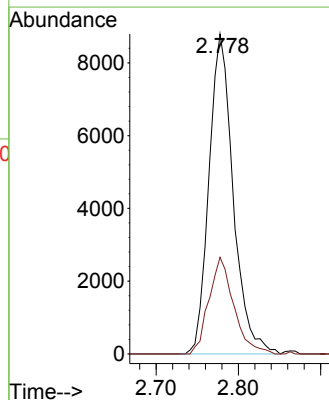
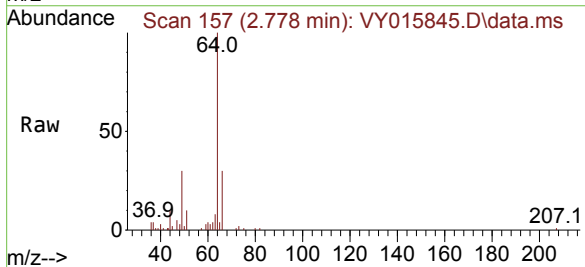
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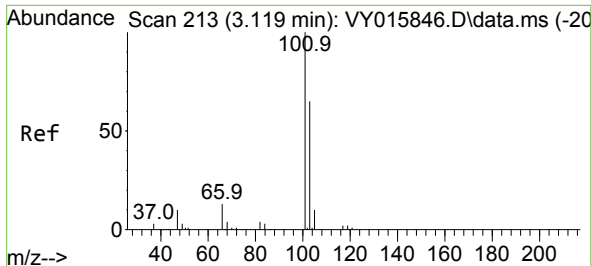
Tgt Ion: 64 Resp: 17970

Ion Ratio Lower Upper

64 100

66 30.2 24.4 36.6

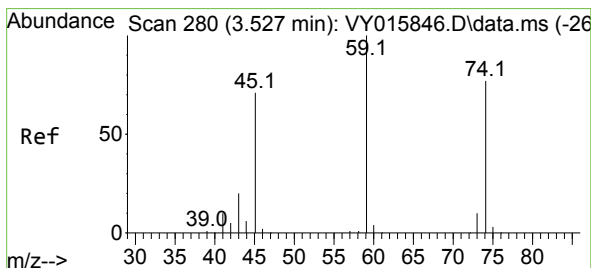
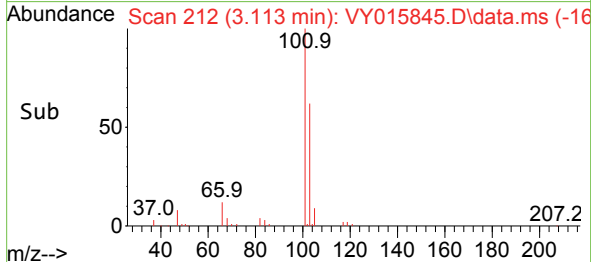
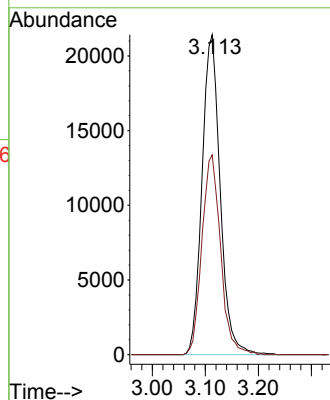
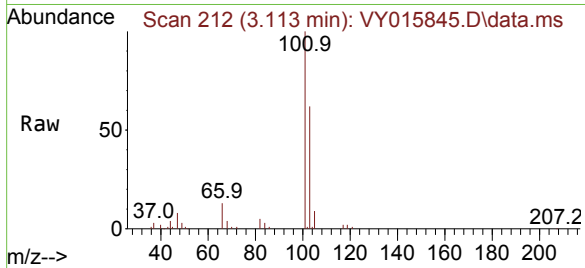




#7
Trichlorofluoromethane
Concen: 19.646 ug/l
RT: 3.113 min Scan# 213
Delta R.T. -0.006 min
Lab File: VY015845.D
Acq: 05 Oct 2023 13:09

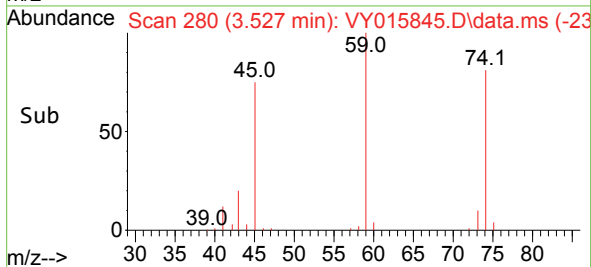
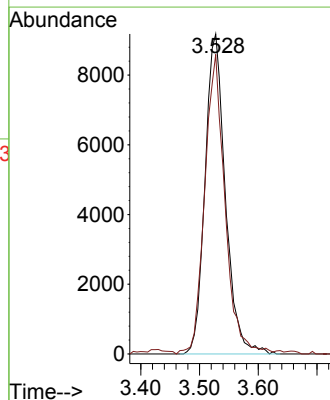
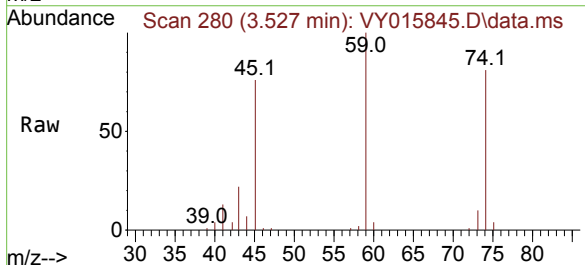
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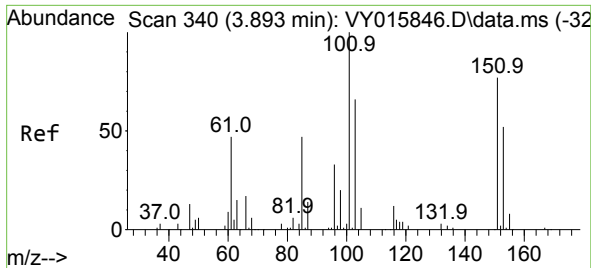
Tgt Ion:101 Resp: 50971
Ion Ratio Lower Upper
101 100
103 62.4 51.4 77.0



#8
Diethyl Ether
Concen: 19.493 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY015845.D
Acq: 05 Oct 2023 13:09

Tgt Ion: 74 Resp: 22049
Ion Ratio Lower Upper
74 100
45 93.5 51.5 154.5

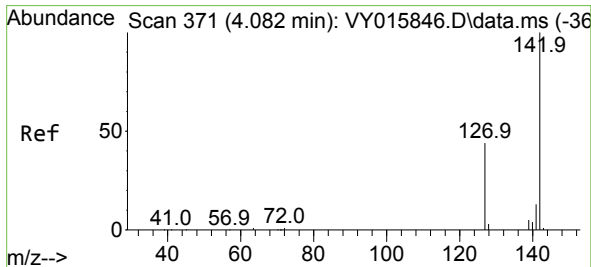
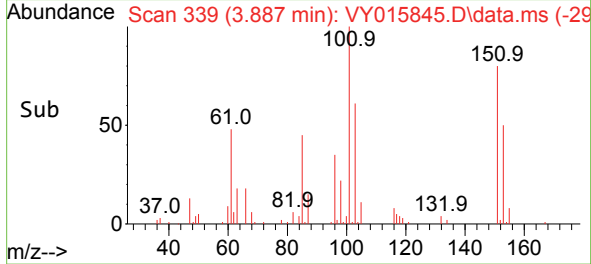
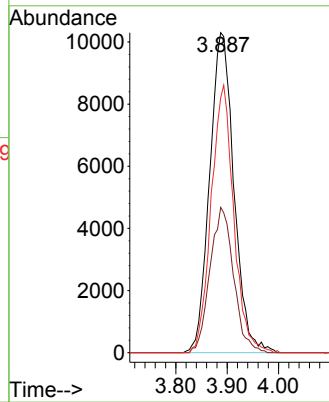
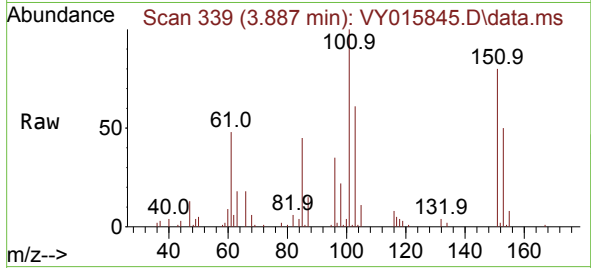




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.950 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY015845.D
Acq: 05 Oct 2023 13:09

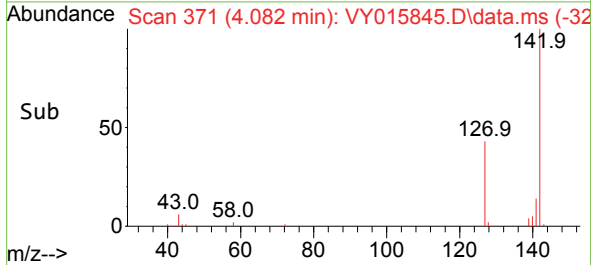
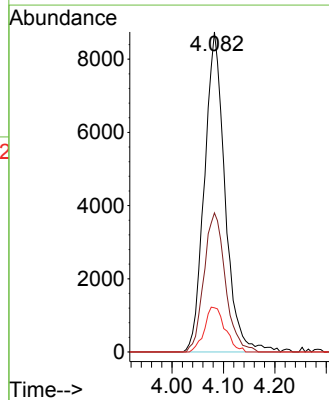
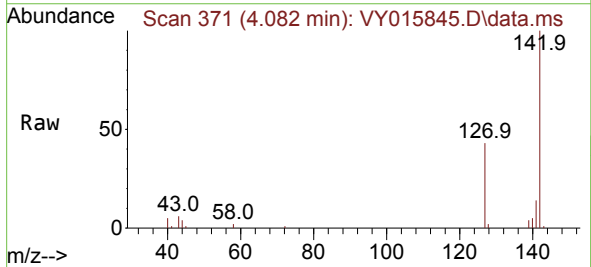
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

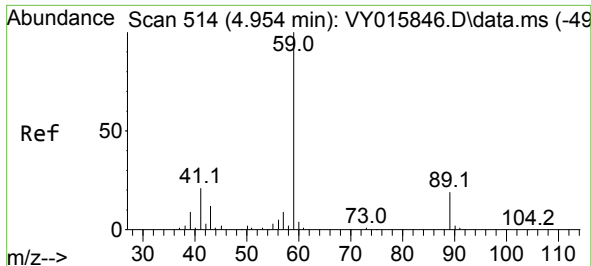
Tgt Ion:	101	Resp:	33737
Ion	Ratio	Lower	Upper
101	100		
85	44.2	36.6	55.0
151	77.8	67.0	100.6



#10
Methyl Iodide
Concen: 17.880 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY015845.D
Acq: 05 Oct 2023 13:09

Tgt Ion:	142	Resp:	24332
Ion	Ratio	Lower	Upper
142	100		
127	45.3	37.6	56.4
141	14.1	11.8	17.8

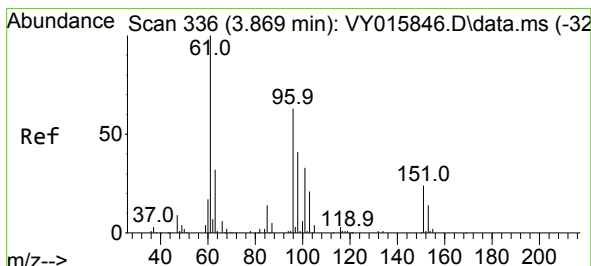
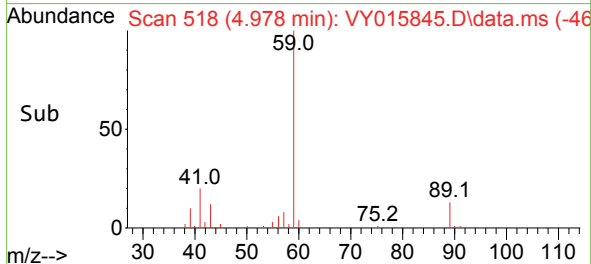
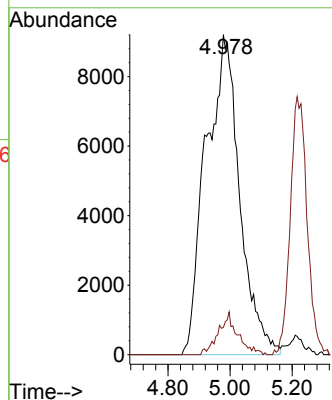
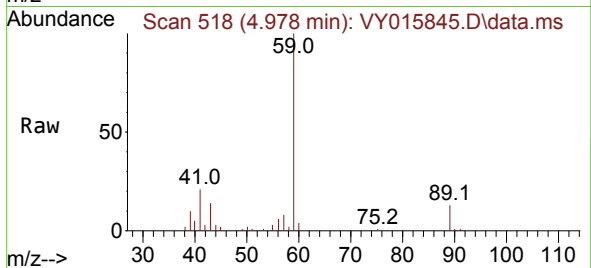




#11
Tert butyl alcohol
Concen: 151.379 ug/l
RT: 4.978 min Scan# 514
Delta R.T. 0.024 min
Lab File: VY015845.D
Acq: 05 Oct 2023 13:09

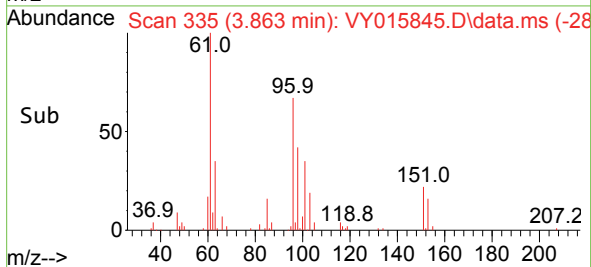
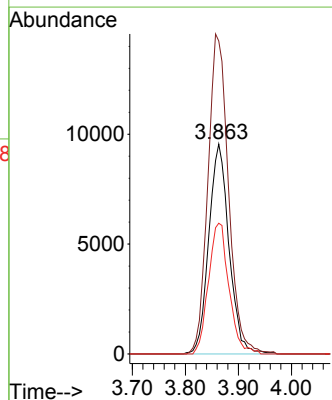
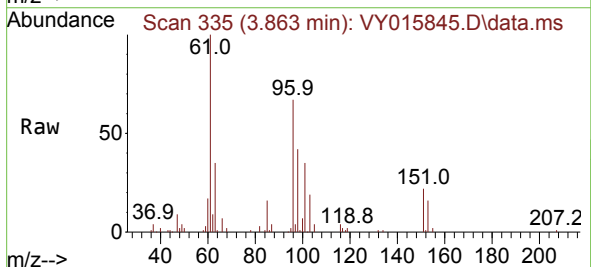
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

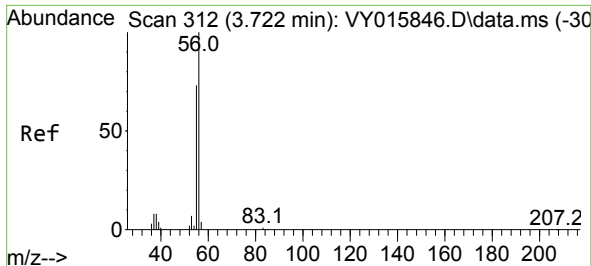
Tgt Ion: 59 Resp: 69587
Ion Ratio Lower Upper
59 100
57 7.5 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 18.725 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.006 min
Lab File: VY015845.D
Acq: 05 Oct 2023 13:09

Tgt Ion: 96 Resp: 25323
Ion Ratio Lower Upper
96 100
61 149.1 136.4 204.6
98 62.2 49.4 74.2

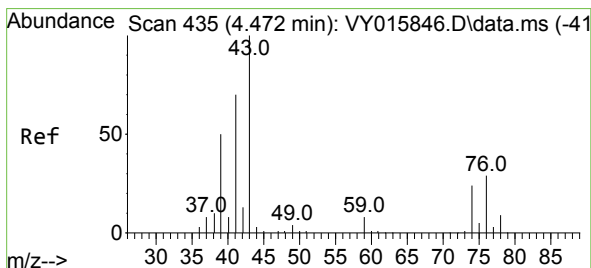
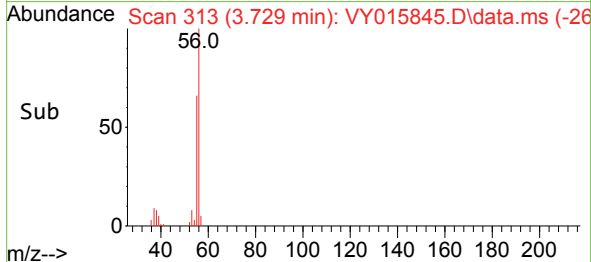
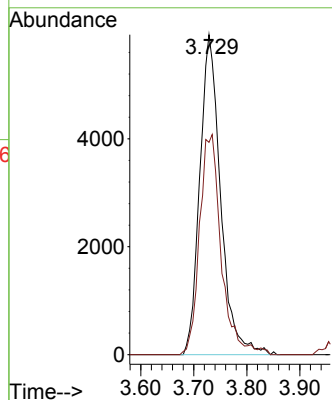
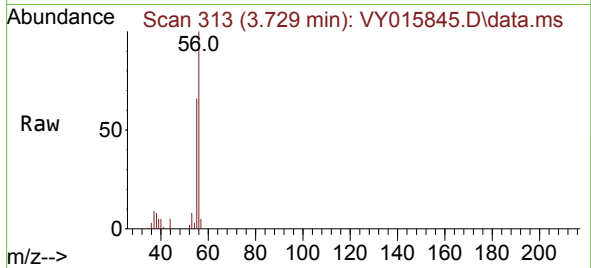




#13
Acrolein
Concen: 102.525 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY015845.D
Acq: 05 Oct 2023 13:09

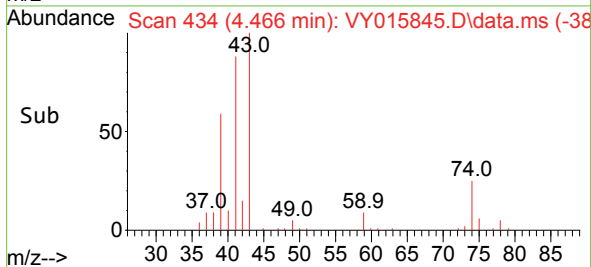
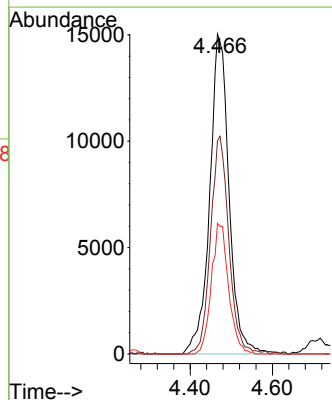
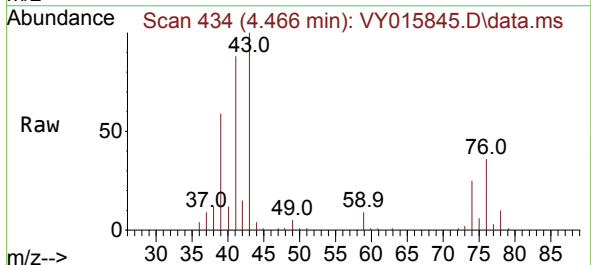
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

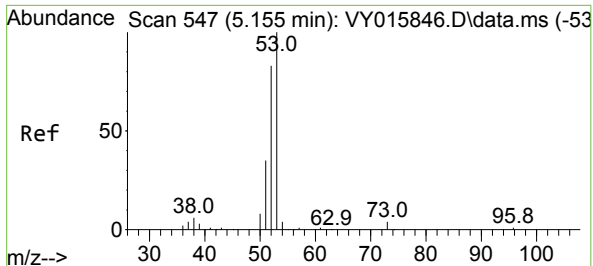
Tgt Ion: 56 Resp: 16166
Ion Ratio Lower Upper
56 100
55 70.9 57.0 85.4



#14
Allyl chloride
Concen: 19.261 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY015845.D
Acq: 05 Oct 2023 13:09

Tgt Ion: 41 Resp: 49110
Ion Ratio Lower Upper
41 100
39 64.5 58.0 87.0
76 36.4 27.4 41.2

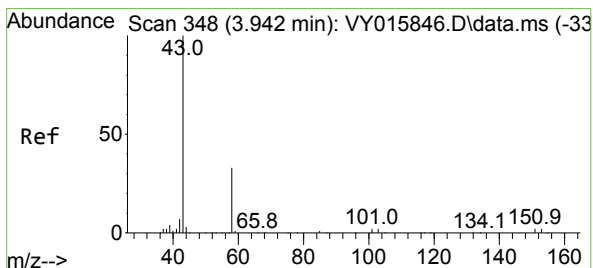
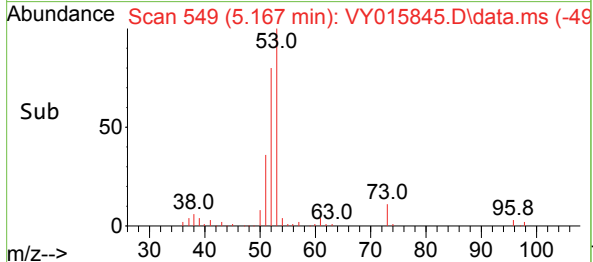
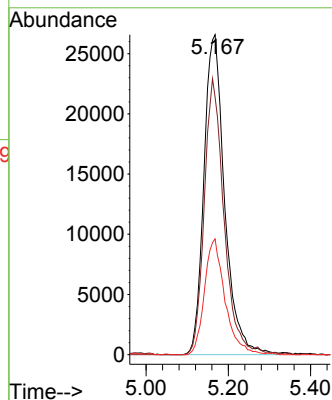
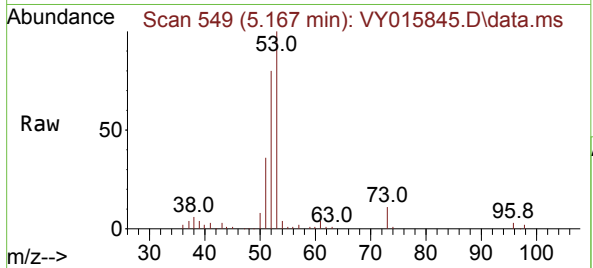




#15
Acrylonitrile
Concen: 105.593 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY015845.D
Acq: 05 Oct 2023 13:09

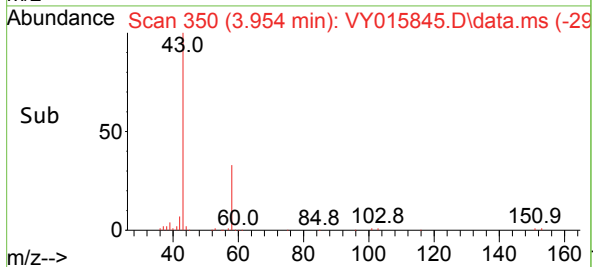
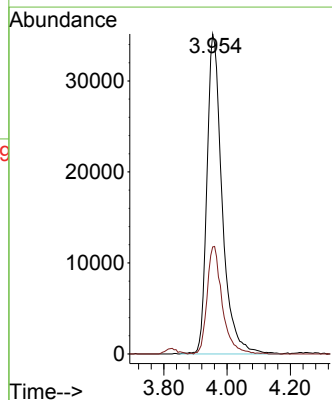
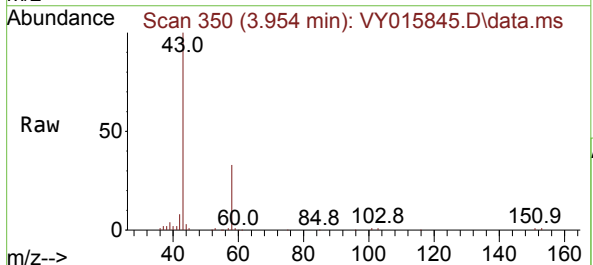
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

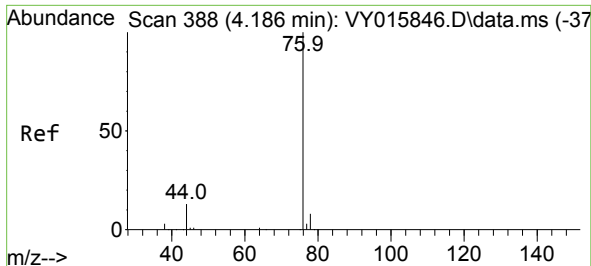
Tgt Ion: 53 Resp: 93169
Ion Ratio Lower Upper
53 100
52 81.0 66.9 100.3
51 35.8 29.8 44.6



#16
Acetone
Concen: 110.808 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015845.D
Acq: 05 Oct 2023 13:09

Tgt Ion: 43 Resp: 117333
Ion Ratio Lower Upper
43 100
58 33.5 22.7 34.1

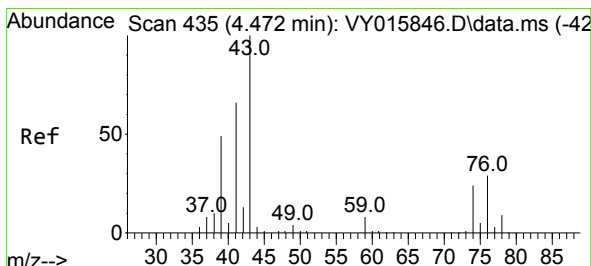
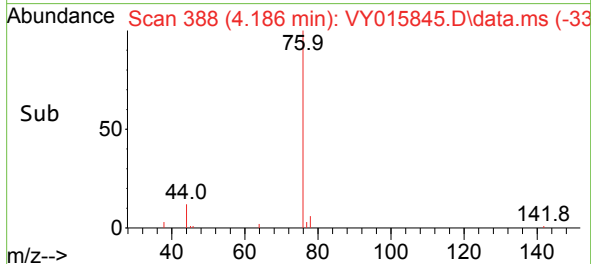
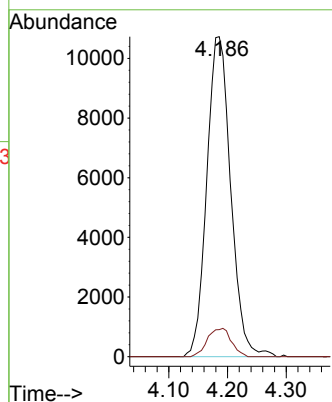
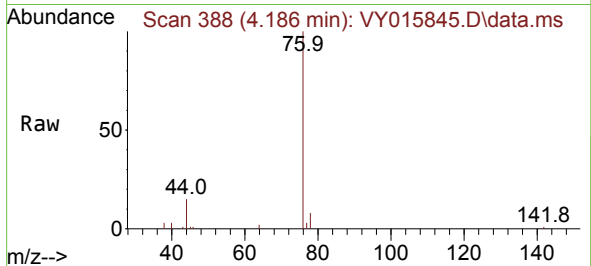




#17
Carbon Disulfide
Concen: 16.570 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY015845.D
Acq: 05 Oct 2023 13:09

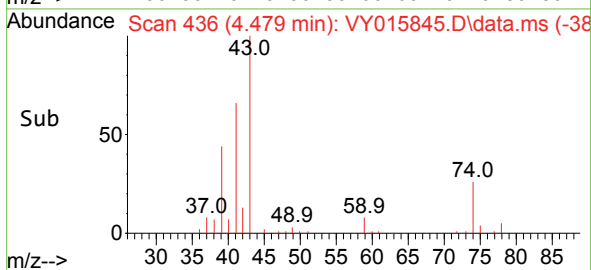
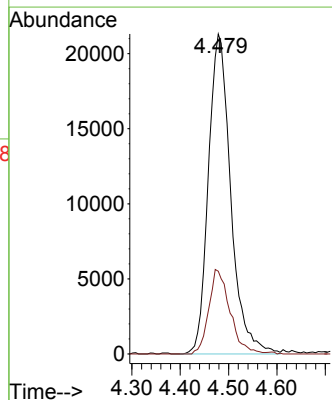
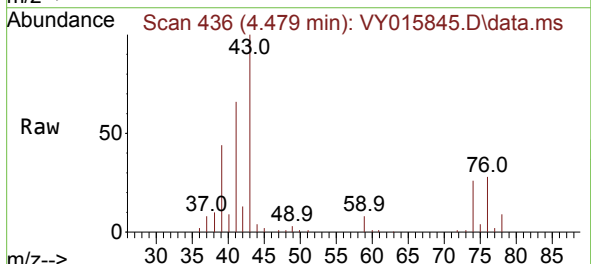
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

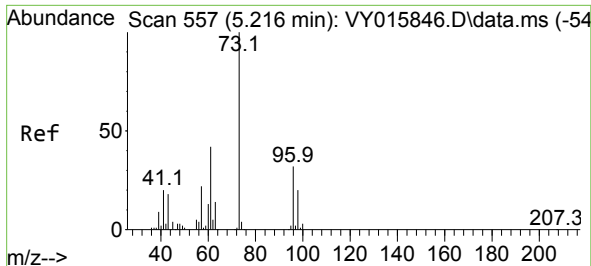
Tgt Ion: 76 Resp: 30364
Ion Ratio Lower Upper
76 100
78 8.4 7.0 10.4



#18
Methyl Acetate
Concen: 19.855 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY015845.D
Acq: 05 Oct 2023 13:09

Tgt Ion: 43 Resp: 68426
Ion Ratio Lower Upper
43 100
74 25.0 17.4 26.0

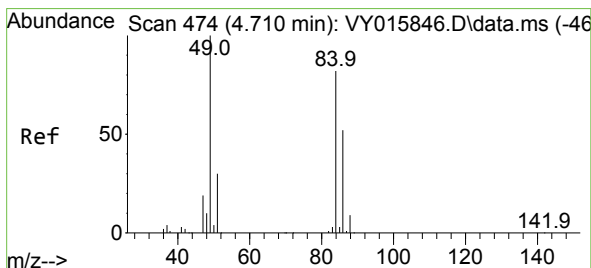
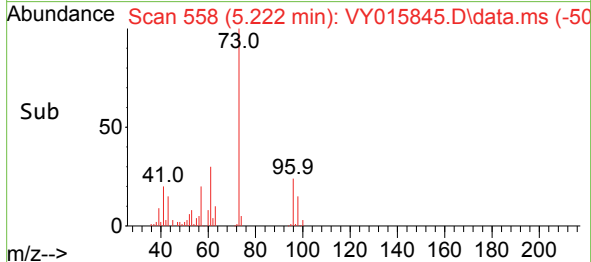
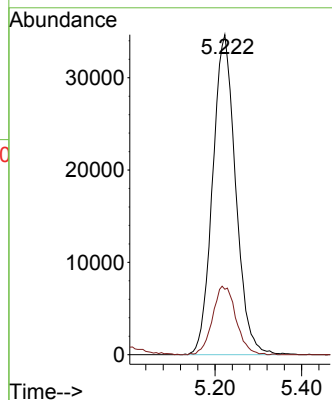
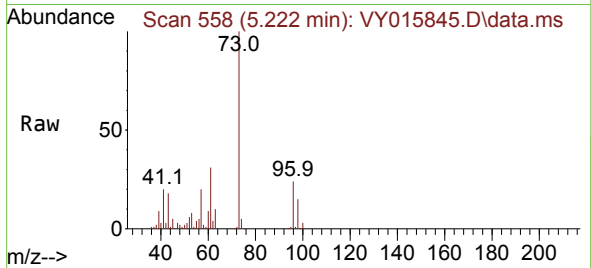




#19
Methyl tert-butyl Ether
Concen: 20.005 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015845.D
Acq: 05 Oct 2023 13:09

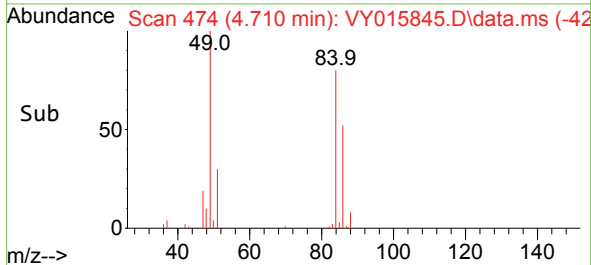
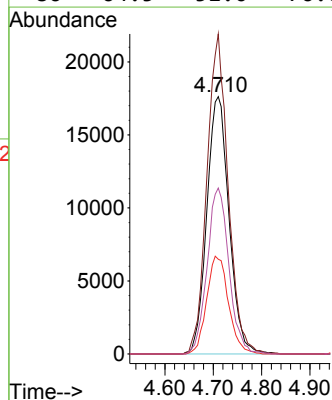
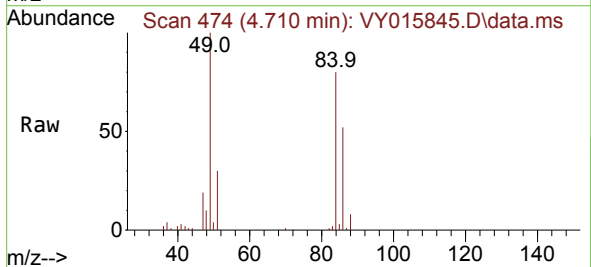
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

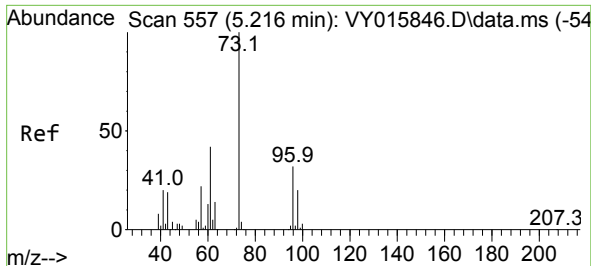
Tgt Ion: 73 Resp: 127878
Ion Ratio Lower Upper
73 100
57 20.4 17.3 25.9



#20
Methylene Chloride
Concen: 21.005 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY015845.D
Acq: 05 Oct 2023 13:09

Tgt Ion: 84 Resp: 56367
Ion Ratio Lower Upper
84 100
49 124.4 106.9 160.3
51 36.8 33.2 49.8
86 64.5 51.0 76.6

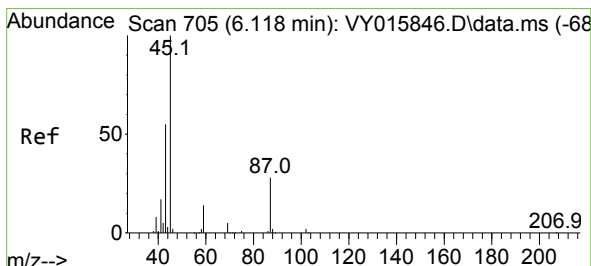
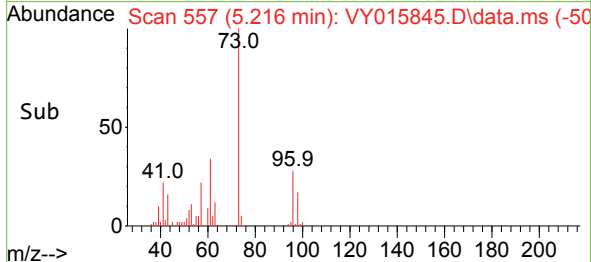
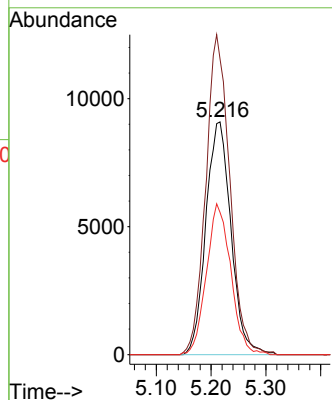
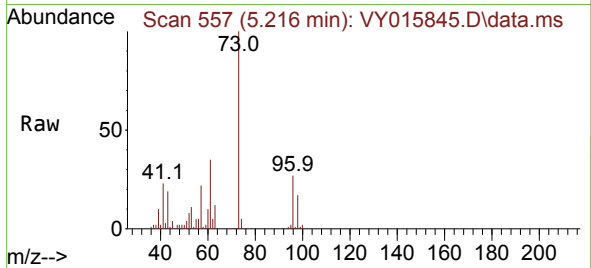




#21
trans-1,2-Dichloroethene
Concen: 18.562 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY015845.D
Acq: 05 Oct 2023 13:09

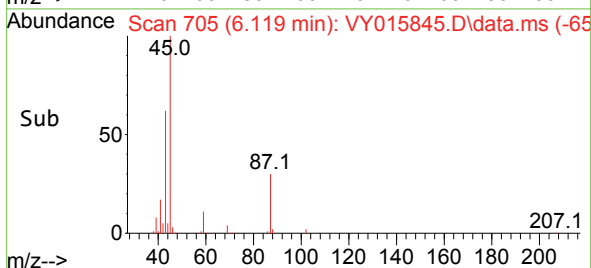
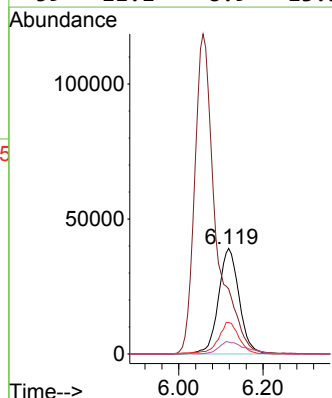
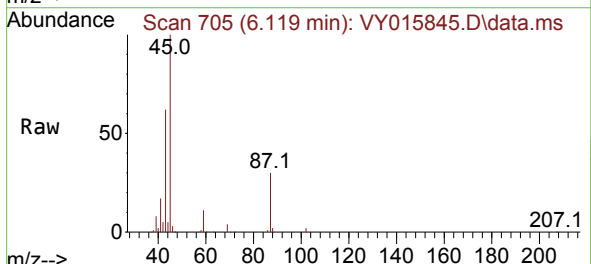
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

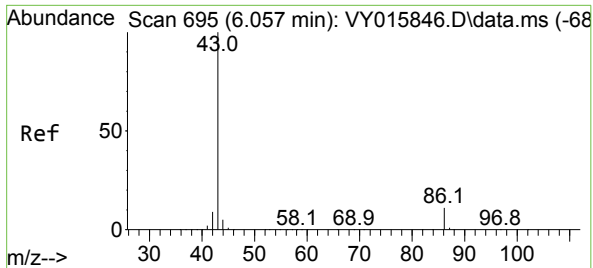
Tgt Ion: 96 Resp: 28916
Ion Ratio Lower Upper
96 100
61 127.0 110.2 165.4
98 61.1 51.8 77.6



#22
Diisopropyl ether
Concen: 20.023 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY015845.D
Acq: 05 Oct 2023 13:09

Tgt Ion: 45 Resp: 132568
Ion Ratio Lower Upper
45 100
43 60.8 52.2 78.4
87 29.7 21.0 31.6
59 11.1 8.9 13.3

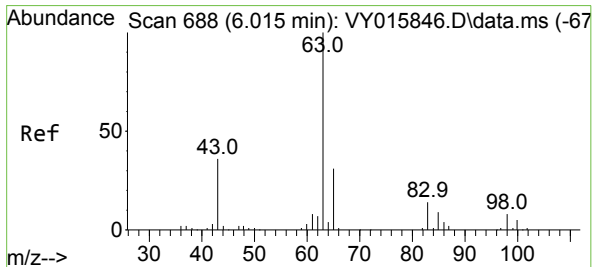
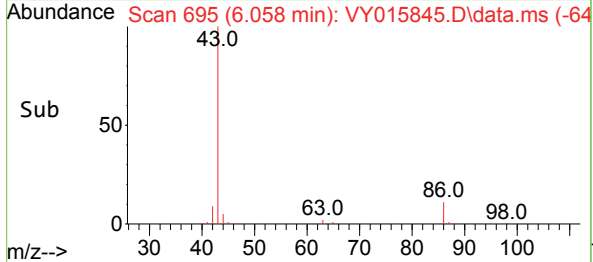
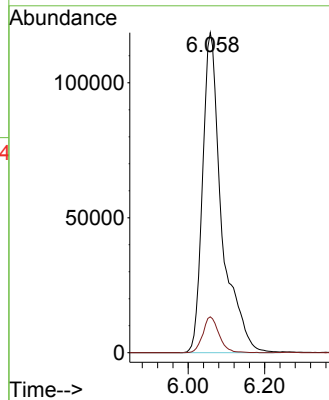
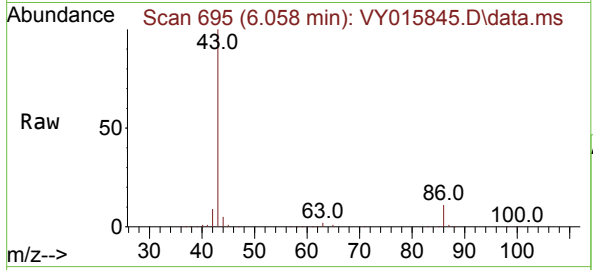




#23
 Vinyl Acetate
 Concen: 102.967 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY015845.D
 Acq: 05 Oct 2023 13:09

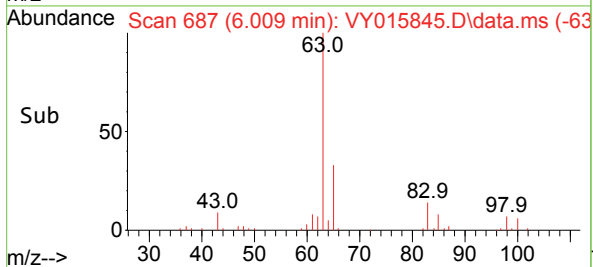
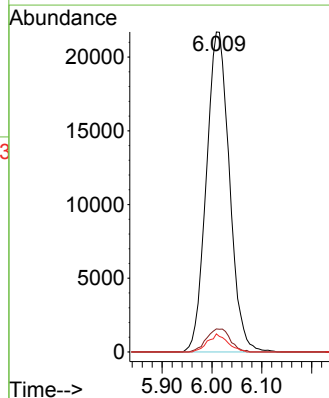
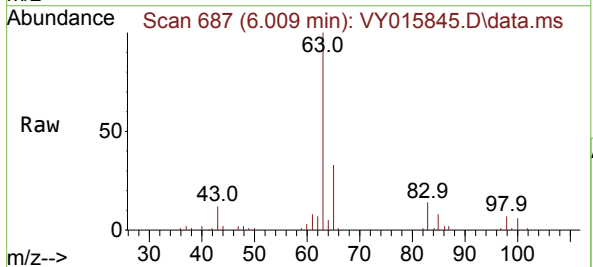
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

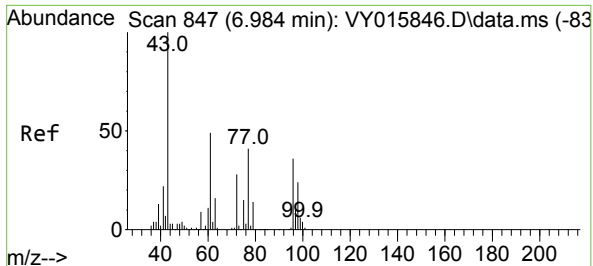
Tgt Ion: 43 Resp: 412613
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 19.860 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY015845.D
 Acq: 05 Oct 2023 13:09

Tgt Ion: 63 Resp: 69823
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.1 9.4
 100 5.7 1.8 5.5#





#25

2-Butanone

Concen: 108.580 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY015845.D

Acq: 05 Oct 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :

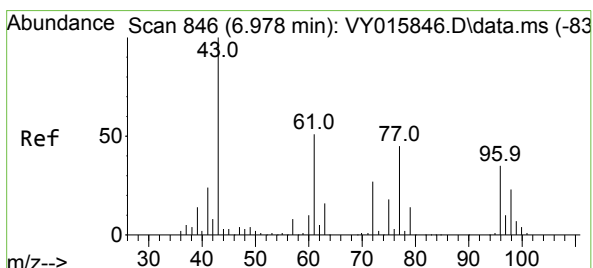
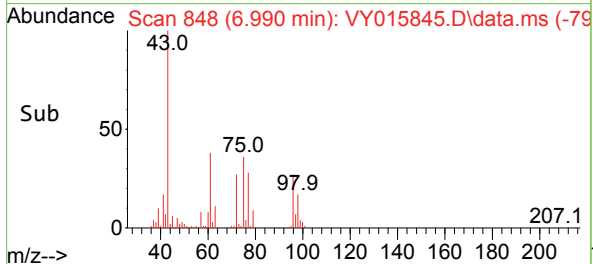
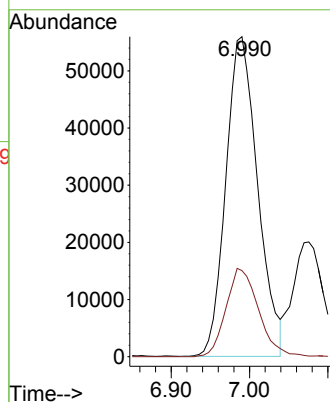
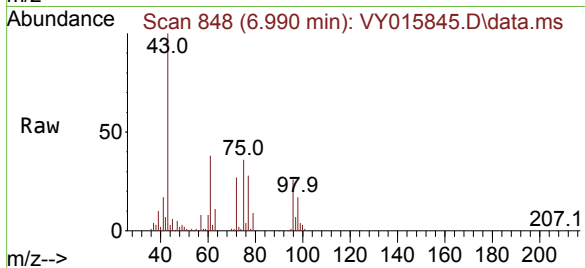
VSTDICC020

Tgt Ion: 43 Resp: 158151

Ion Ratio Lower Upper

43 100

72 26.9 20.5 30.7



#26

2,2-Dichloropropane

Concen: 19.210 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY015845.D

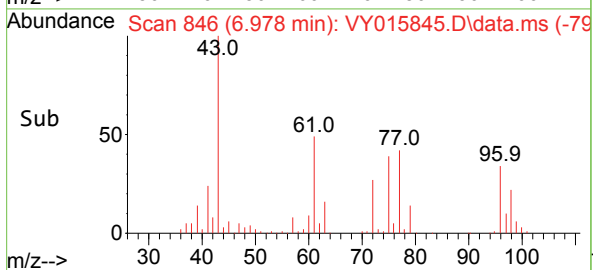
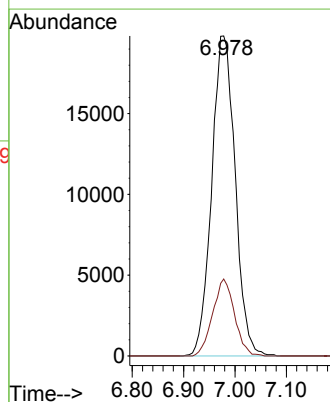
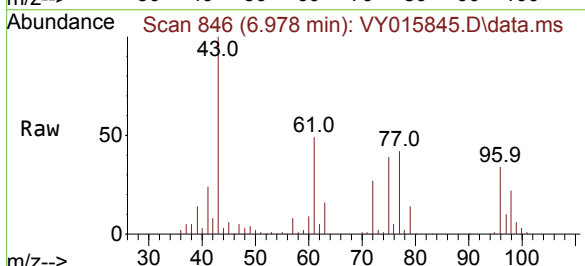
Acq: 05 Oct 2023 13:09

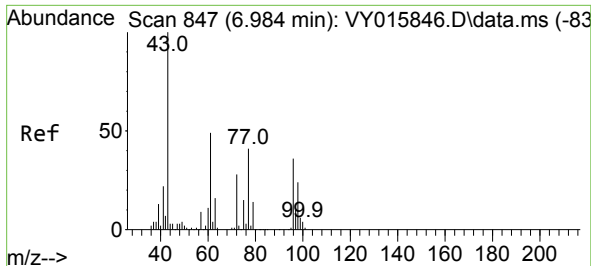
Tgt Ion: 77 Resp: 62761

Ion Ratio Lower Upper

77 100

97 22.4 10.9 32.9

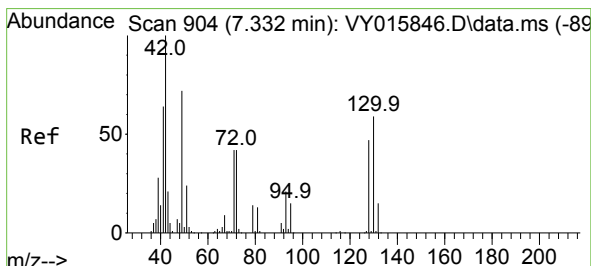
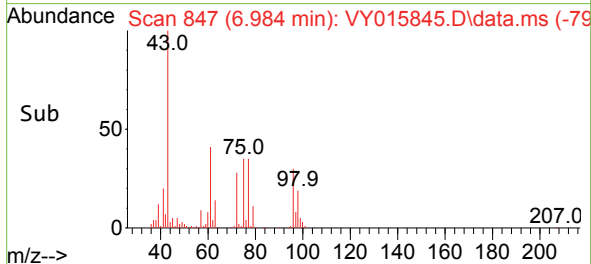
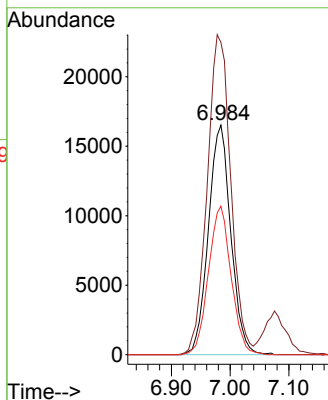
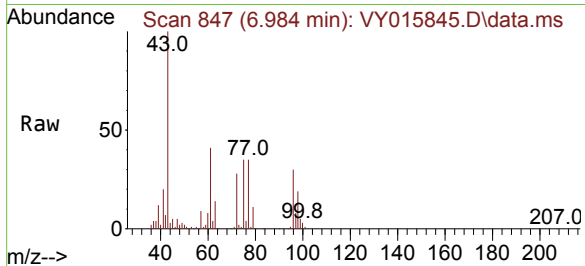




#27
 cis-1,2-Dichloroethene
 Concen: 19.500 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY015845.D
 Acq: 05 Oct 2023 13:09

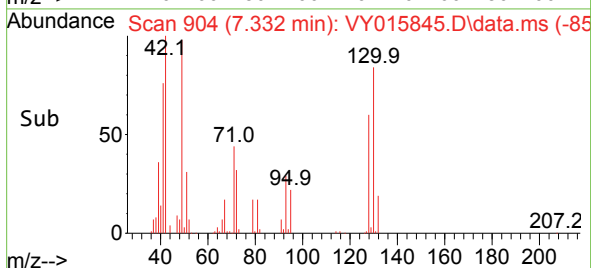
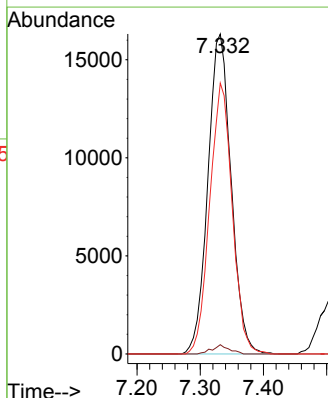
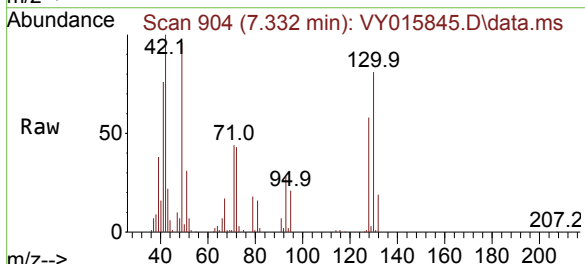
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

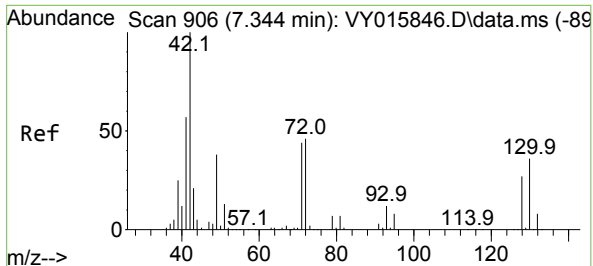
Tgt Ion: 96 Resp: 43911
 Ion Ratio Lower Upper
 96 100
 61 146.1 0.0 301.4
 98 65.2 0.0 130.4



#28
 Bromochloromethane
 Concen: 20.227 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.000 min
 Lab File: VY015845.D
 Acq: 05 Oct 2023 13:09

Tgt Ion: 49 Resp: 41587
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 81.9 60.7 91.1





#29

Tetrahydrofuran

Concen: 106.262 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY015845.D

Acq: 05 Oct 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

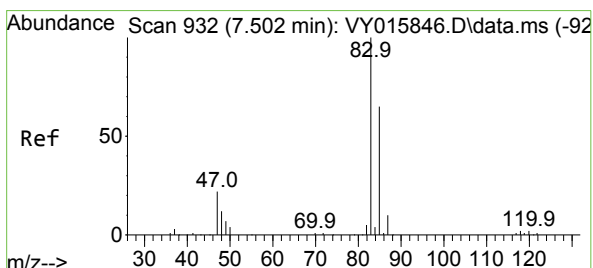
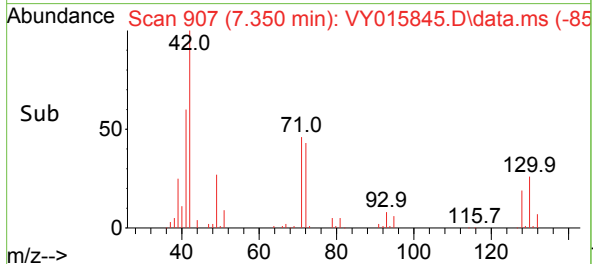
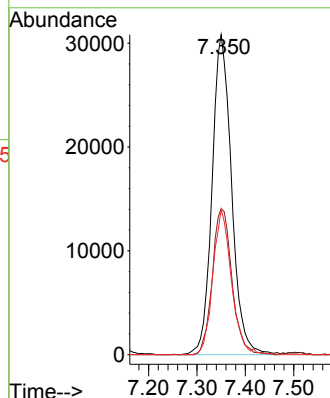
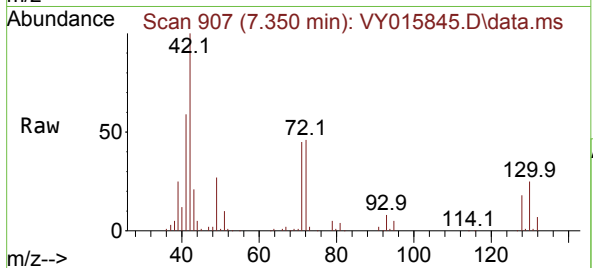
Tgt Ion: 42 Resp: 86362

Ion Ratio Lower Upper

42 100

72 45.9 32.8 49.2

71 43.2 31.0 46.4



#30

Chloroform

Concen: 20.294 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY015845.D

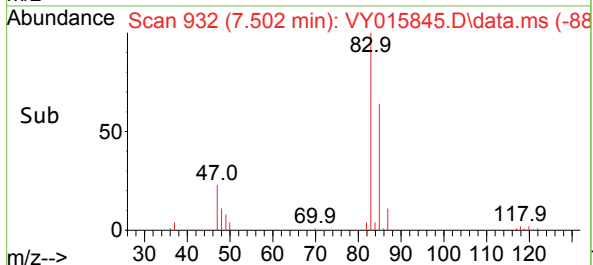
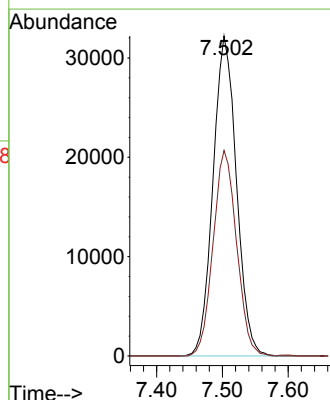
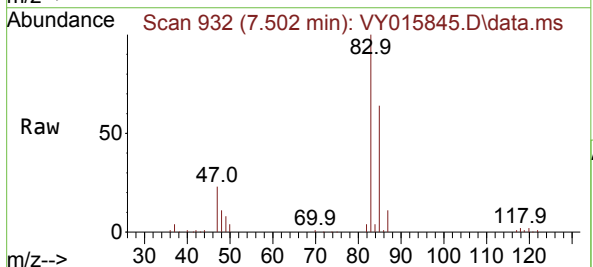
Acq: 05 Oct 2023 13:09

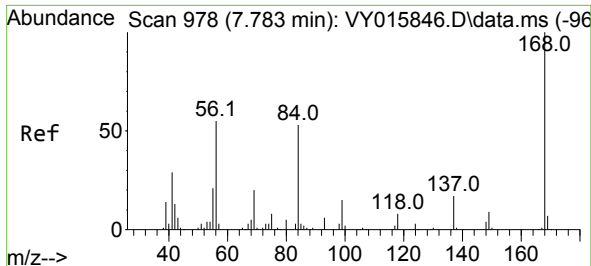
Tgt Ion: 83 Resp: 79815

Ion Ratio Lower Upper

83 100

85 64.2 49.7 74.5

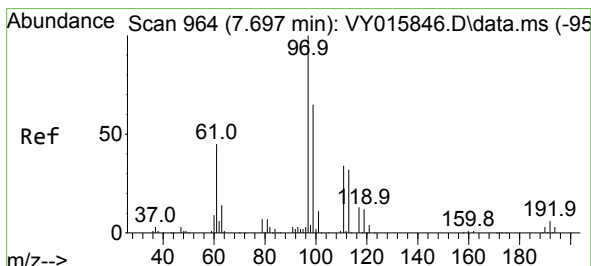
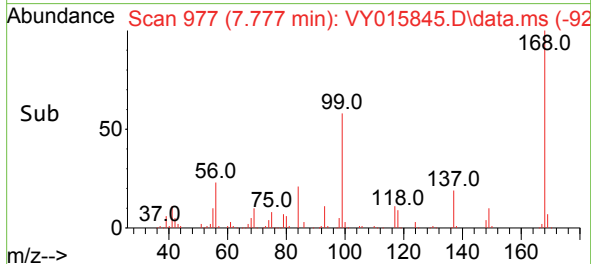
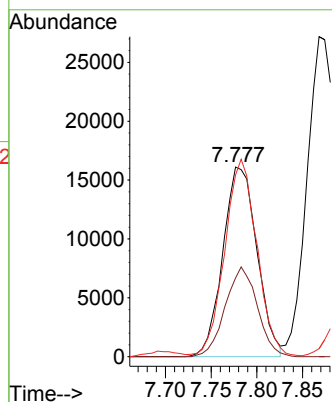
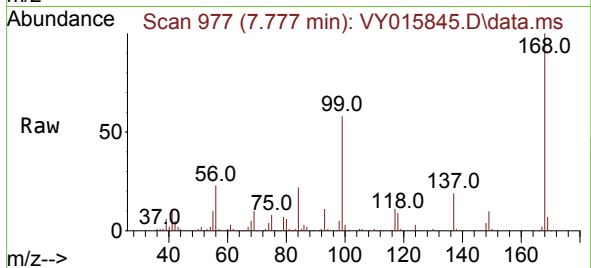




#31
Cyclohexane
Concen: 18.149 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015845.D
Acq: 05 Oct 2023 13:09

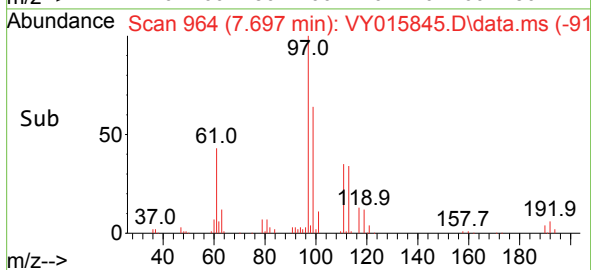
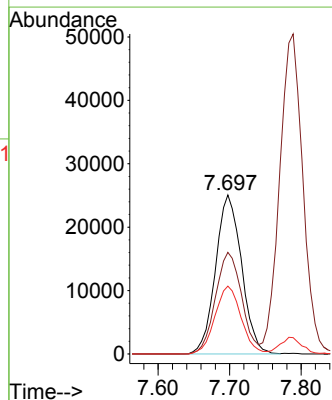
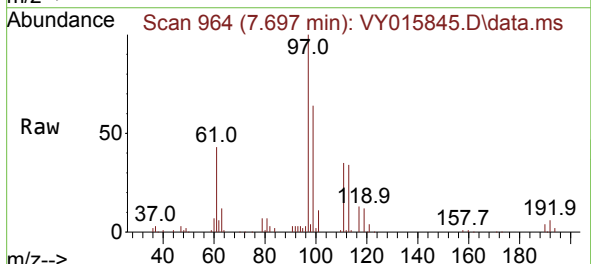
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

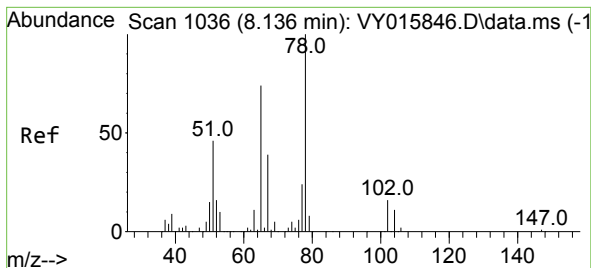
Tgt Ion: 56 Resp: 41811
Ion Ratio Lower Upper
56 100
69 41.5 27.8 41.6
84 94.2 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 19.709 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY015845.D
Acq: 05 Oct 2023 13:09

Tgt Ion: 97 Resp: 63367
Ion Ratio Lower Upper
97 100
99 64.3 50.8 76.2
61 42.9 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 19.712 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015845.D

Acq: 05 Oct 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :

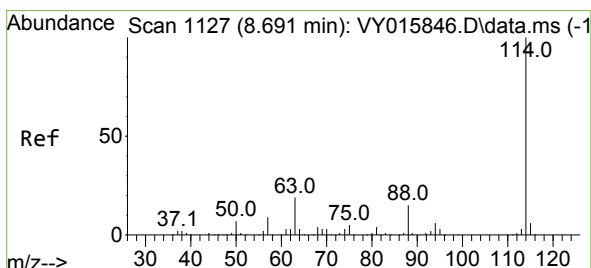
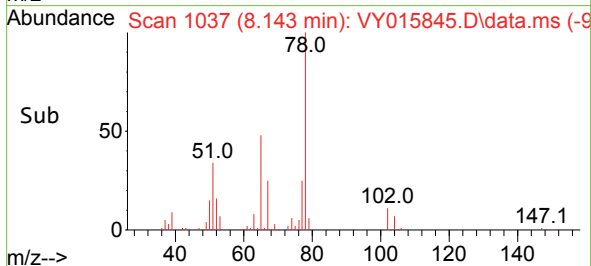
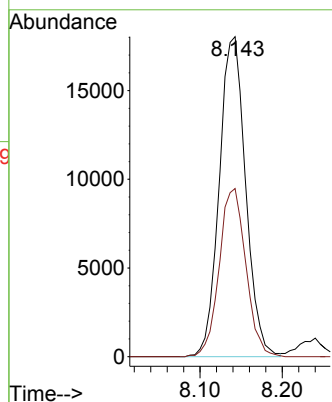
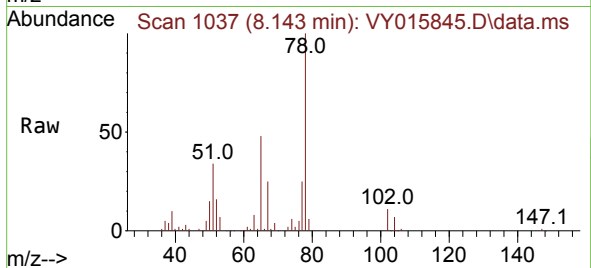
VSTDIC020

Tgt Ion: 65 Resp: 40288

Ion Ratio Lower Upper

65 100

67 53.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY015845.D

Acq: 05 Oct 2023 13:09

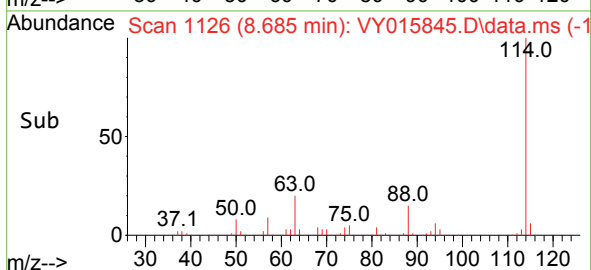
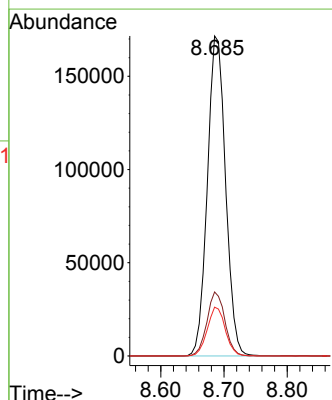
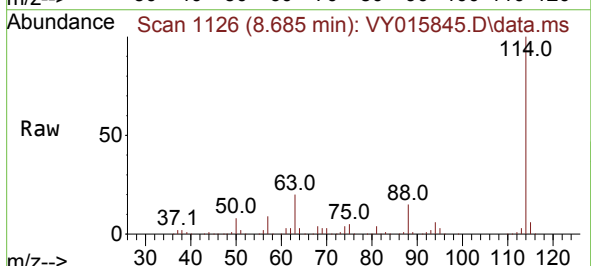
Tgt Ion: 114 Resp: 343560

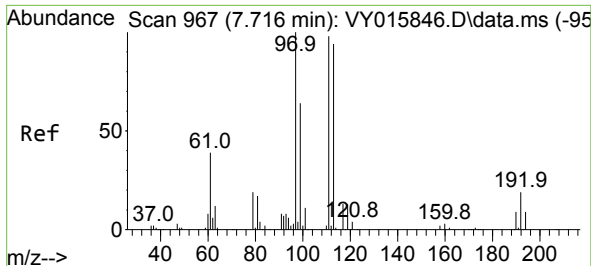
Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.4

88 15.2 0.0 30.6

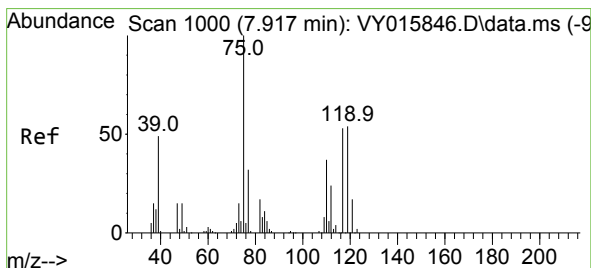
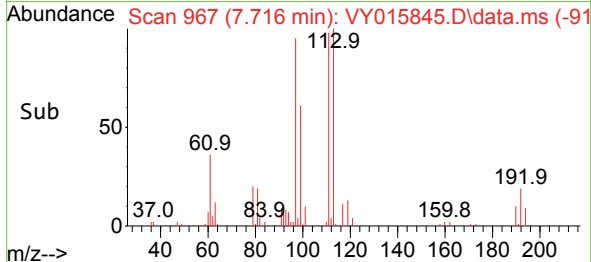
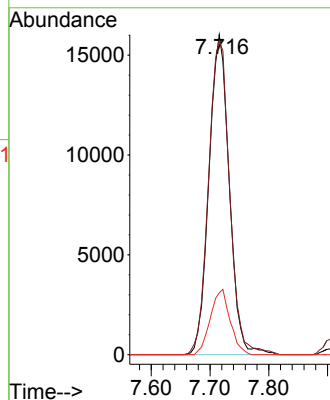
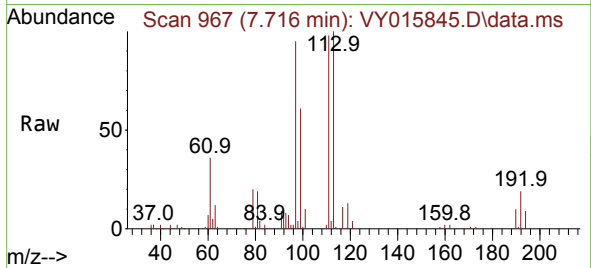




#35
 Dibromofluoromethane
 Concen: 19.675 ug/l
 RT: 7.716 min Scan# 901
 Delta R.T. 0.000 min
 Lab File: VY015845.D
 Acq: 05 Oct 2023 13:09

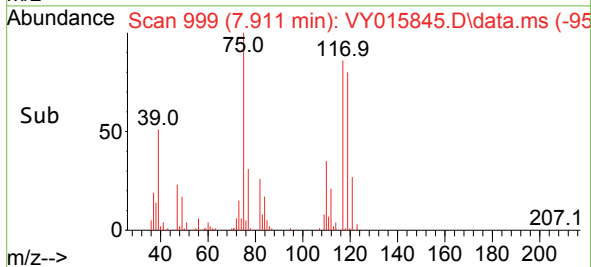
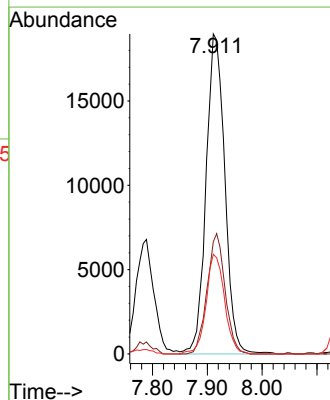
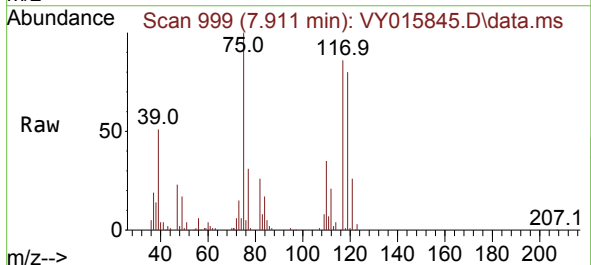
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

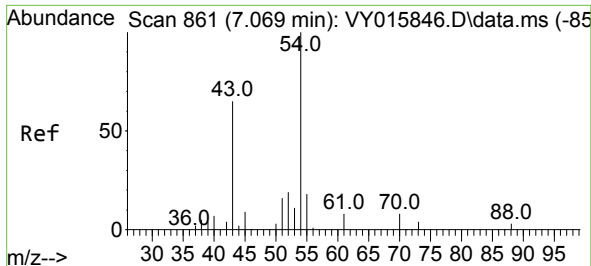
Tgt Ion:113 Resp: 38529
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.3 121.9
 192 19.8 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 19.249 ug/l
 RT: 7.911 min Scan# 999
 Delta R.T. -0.006 min
 Lab File: VY015845.D
 Acq: 05 Oct 2023 13:09

Tgt Ion: 75 Resp: 44972
 Ion Ratio Lower Upper
 75 100
 110 36.1 17.8 53.5
 77 30.6 24.4 36.6

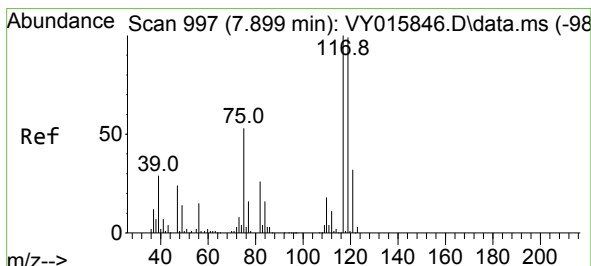
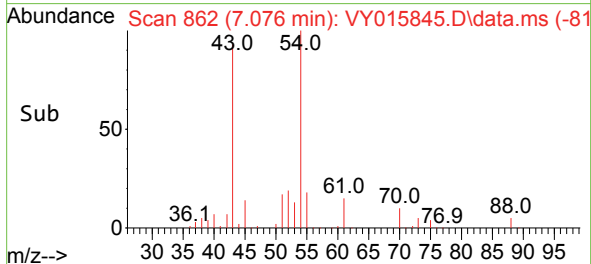
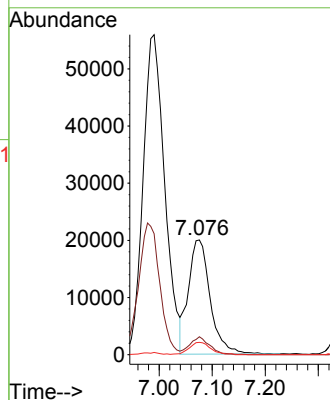
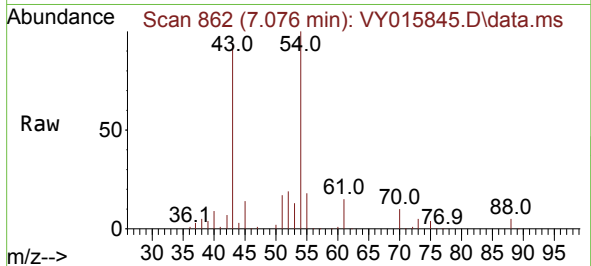




#37
Ethyl Acetate
Concen: 21.860 ug/l
RT: 7.076 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY015845.D
Acq: 05 Oct 2023 13:09

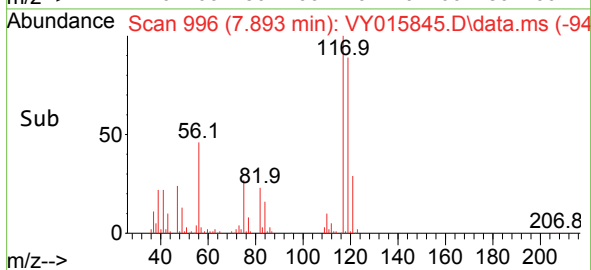
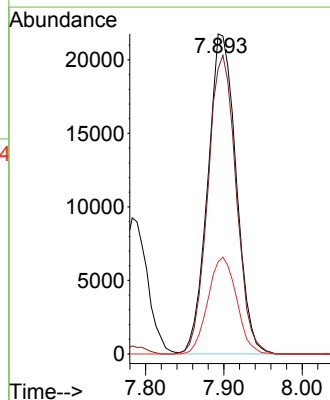
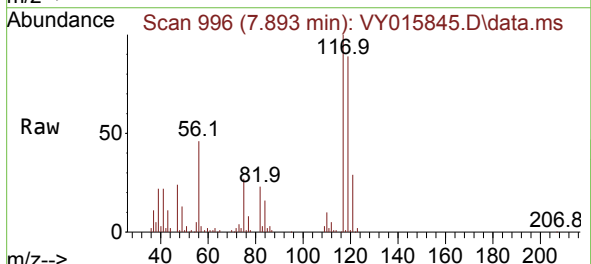
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

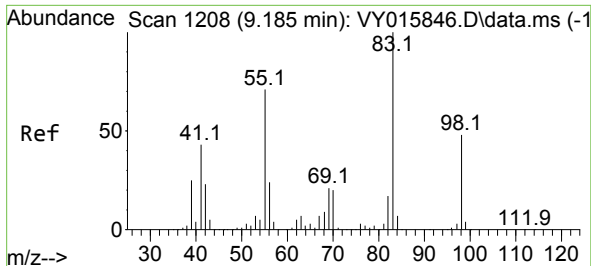
Tgt Ion: 43 Resp: 57153
Ion Ratio Lower Upper
43 100
61 14.3 10.1 15.1
70 10.6 7.1 10.7



#38
Carbon Tetrachloride
Concen: 19.932 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY015845.D
Acq: 05 Oct 2023 13:09

Tgt Ion: 117 Resp: 54756
Ion Ratio Lower Upper
117 100
119 89.2 76.4 114.6
121 28.8 25.8 38.6





#39

Methylcyclohexane

Concen: 18.457 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015845.D

Acq: 05 Oct 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

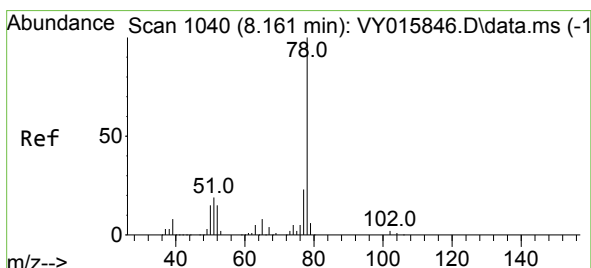
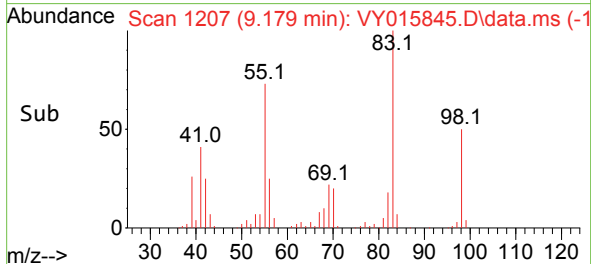
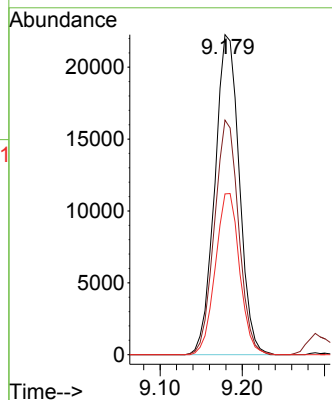
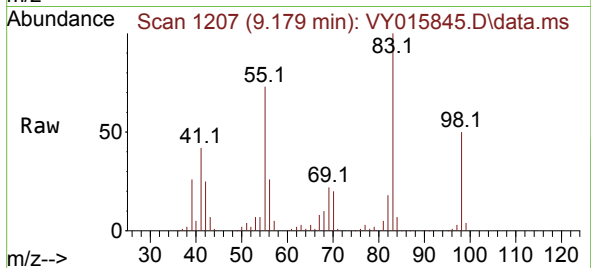
Tgt Ion: 83 Resp: 46117

Ion Ratio Lower Upper

83 100

55 73.3 63.0 94.4

98 50.2 37.4 56.2



#40

Benzene

Concen: 19.421 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY015845.D

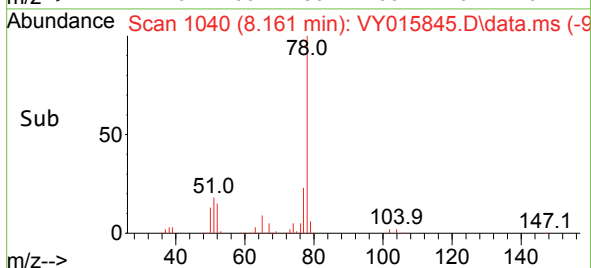
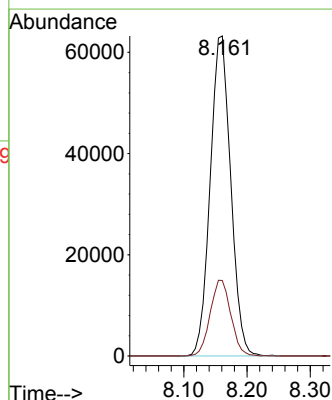
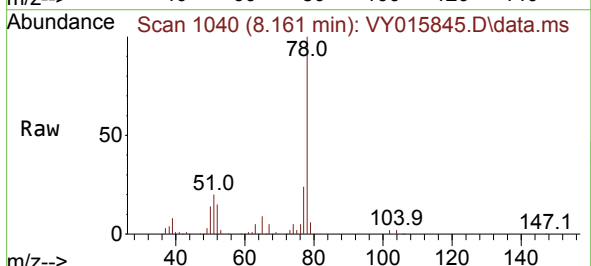
Acq: 05 Oct 2023 13:09

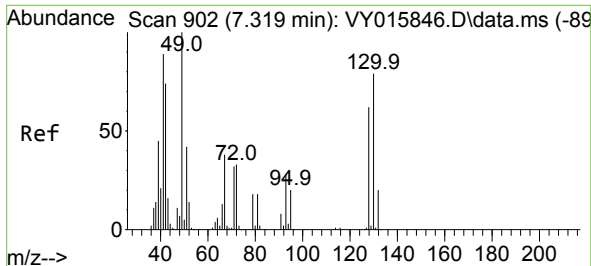
Tgt Ion: 78 Resp: 142375

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6

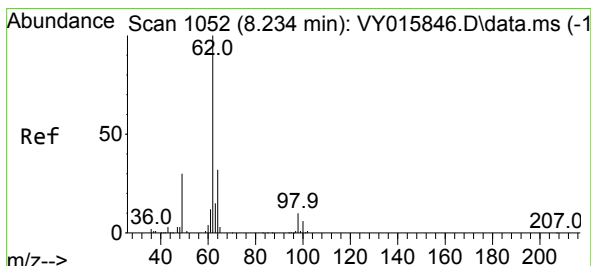
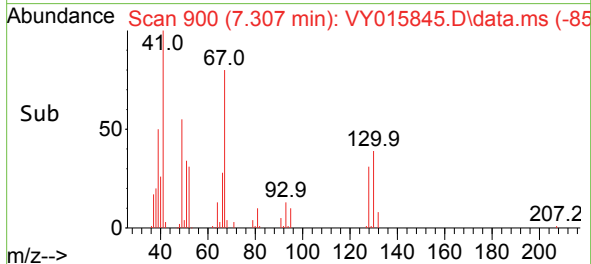
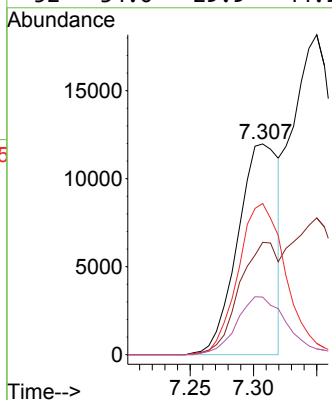
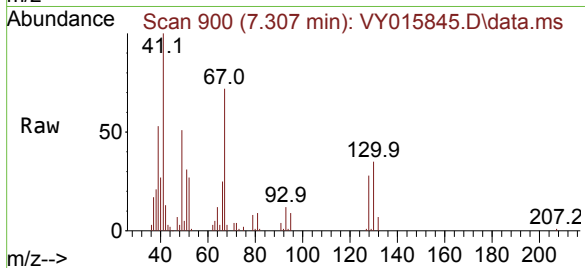




#41
Methacrylonitrile
Concen: 21.976 ug/l
RT: 7.307 min Scan# 902
Delta R.T. -0.012 min
Lab File: VY015845.D
Acq: 05 Oct 2023 13:09

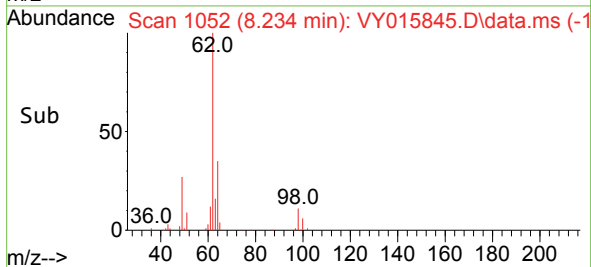
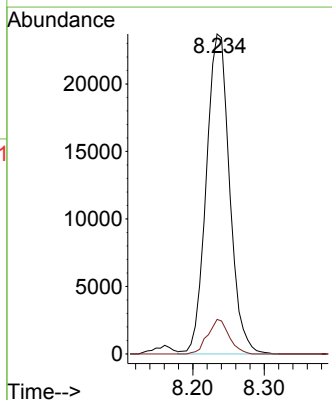
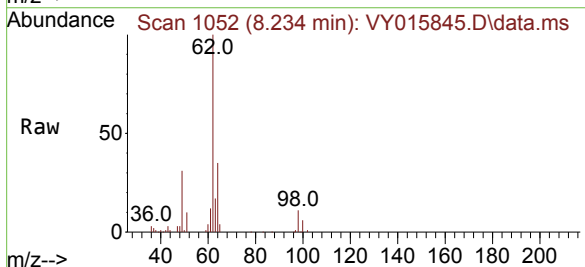
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

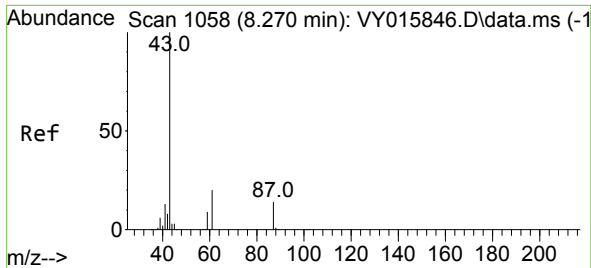
Tgt Ion: 41 Resp: 26853
Ion Ratio Lower Upper
41 100
39 50.9 52.1 78.1#
67 85.0 66.2 99.2
52 34.0 29.9 44.9



#42
1,2-Dichloroethane
Concen: 20.318 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015845.D
Acq: 05 Oct 2023 13:09

Tgt Ion: 62 Resp: 53632
Ion Ratio Lower Upper
62 100
98 9.9 0.0 15.8

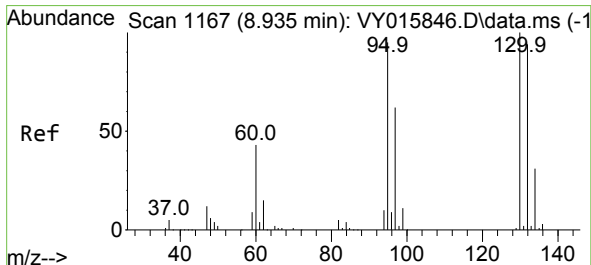
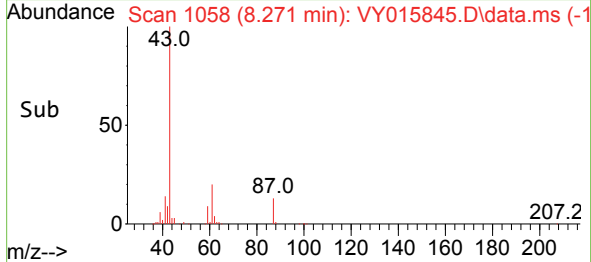
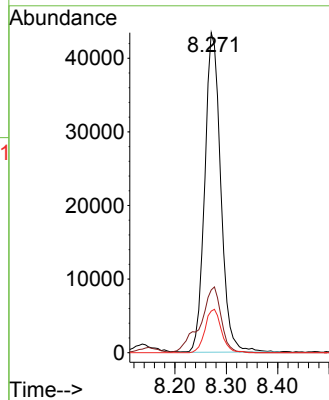
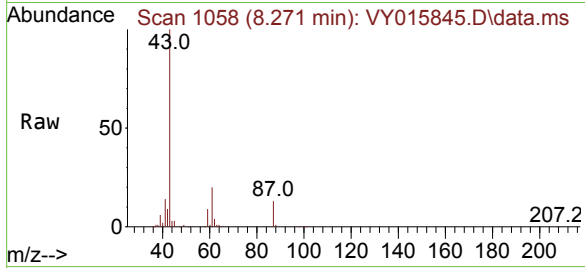




#43
Isopropyl Acetate
Concen: 20.806 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY015845.D
Acq: 05 Oct 2023 13:09

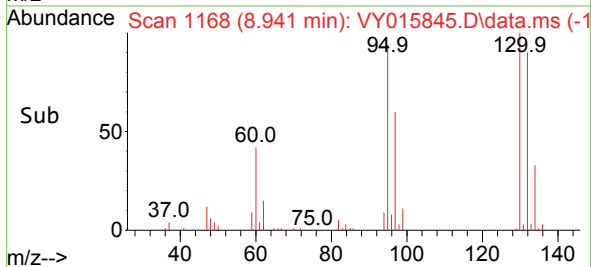
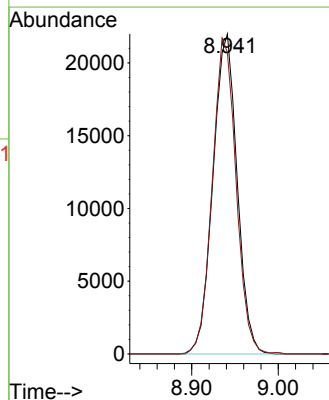
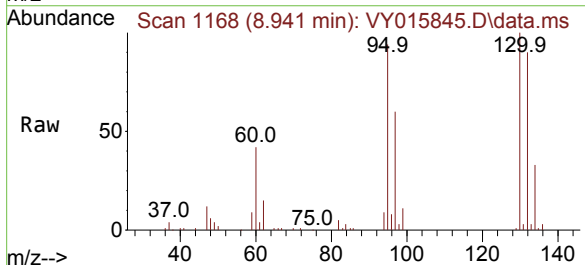
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

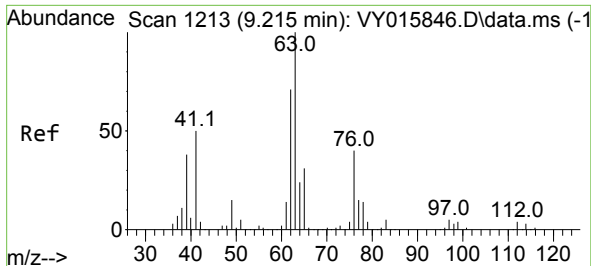
Tgt Ion: 43 Resp: 93630
Ion Ratio Lower Upper
43 100
61 26.9 21.1 31.7
87 13.9 9.8 14.8



#44
Trichloroethene
Concen: 19.812 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015845.D
Acq: 05 Oct 2023 13:09

Tgt Ion:130 Resp: 42507
Ion Ratio Lower Upper
130 100
95 94.2 0.0 196.0

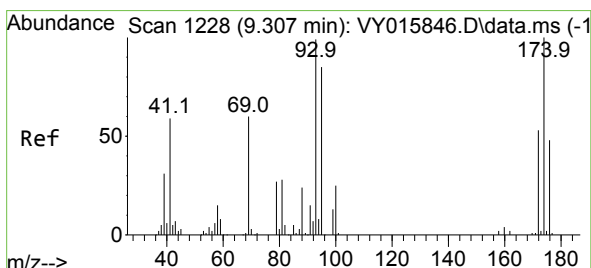
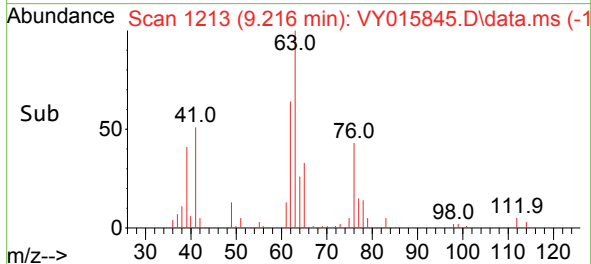
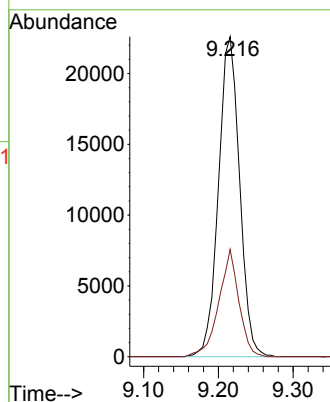
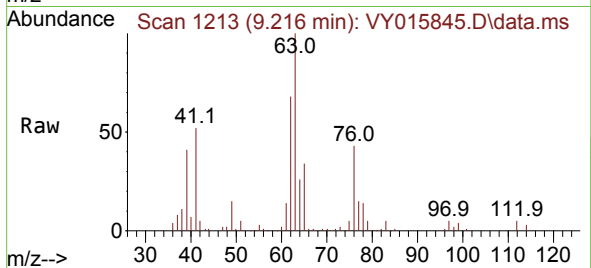




#45
1,2-Dichloropropane
Concen: 20.478 ug/l
RT: 9.216 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VY015845.D
Acq: 05 Oct 2023 13:09

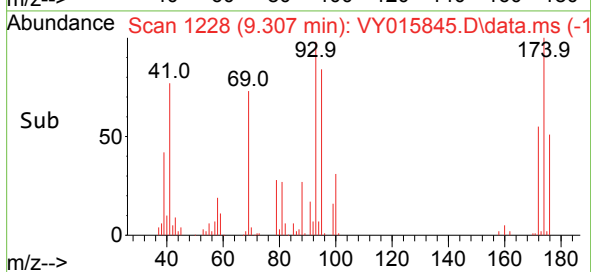
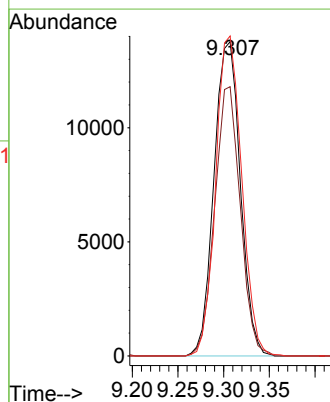
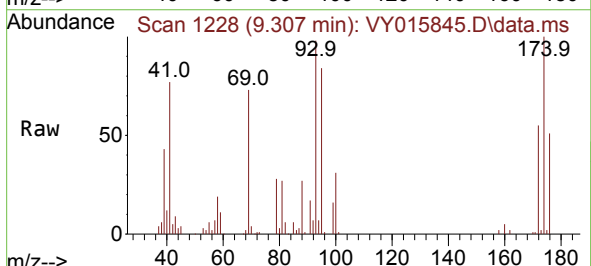
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

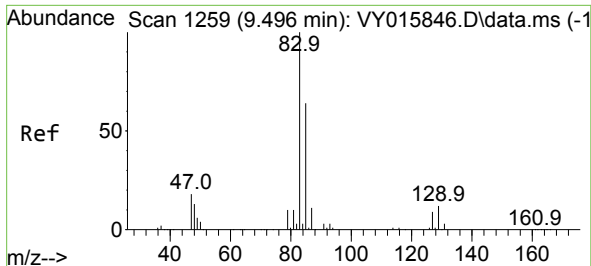
Tgt Ion: 63 Resp: 44404
Ion Ratio Lower Upper
63 100
65 33.5 23.8 35.6



#46
Dibromomethane
Concen: 19.926 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY015845.D
Acq: 05 Oct 2023 13:09

Tgt Ion: 93 Resp: 27624
Ion Ratio Lower Upper
93 100
95 83.1 66.6 100.0
174 100.6 84.8 127.2

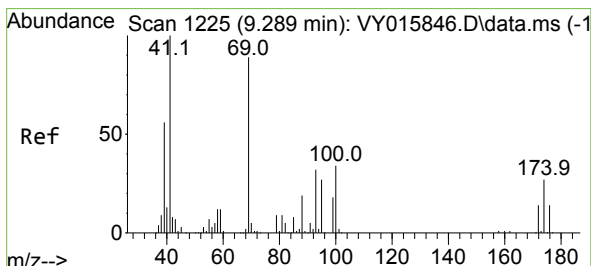
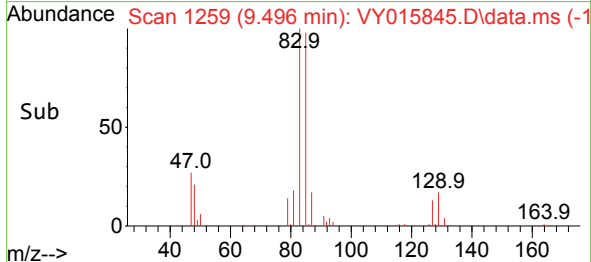
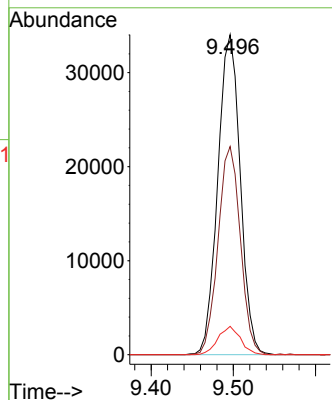
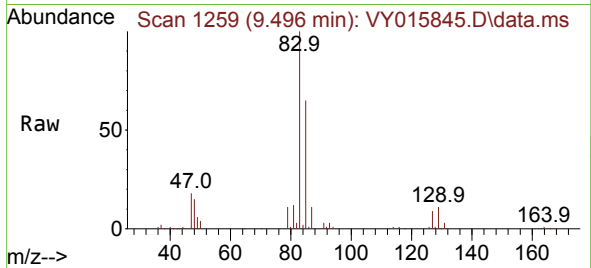




#47
Bromodichloromethane
Concen: 20.086 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY015845.D
Acq: 05 Oct 2023 13:09

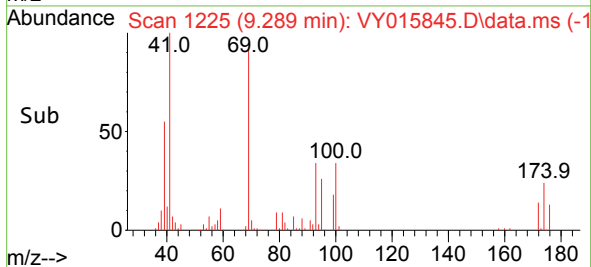
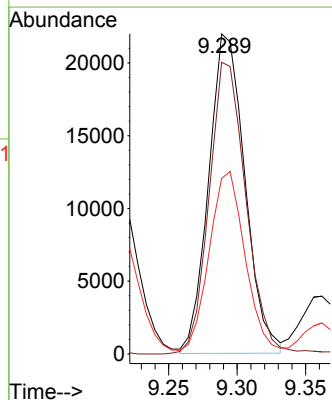
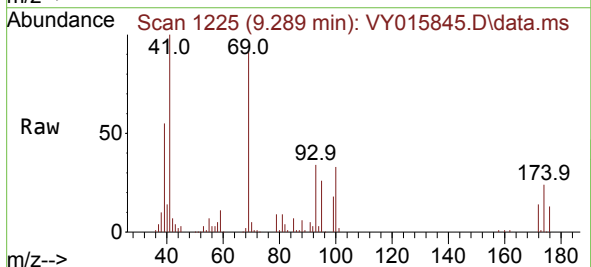
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

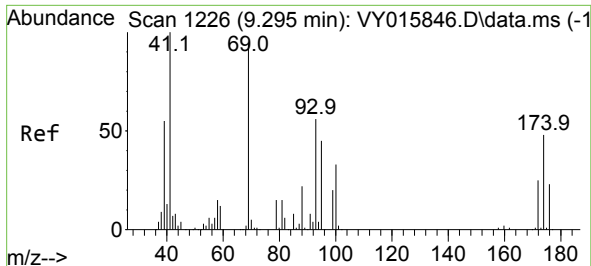
Tgt Ion: 83 Resp: 64636
Ion Ratio Lower Upper
83 100
85 65.0 50.1 75.1
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 20.554 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY015845.D
Acq: 05 Oct 2023 13:09

Tgt Ion: 41 Resp: 40398
Ion Ratio Lower Upper
41 100
69 92.9 64.5 96.7
39 57.0 50.8 76.2





#49

1,4-Dioxane

Concen: 446.902 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.024 min

Lab File: VY015845.D

Acq: 05 Oct 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

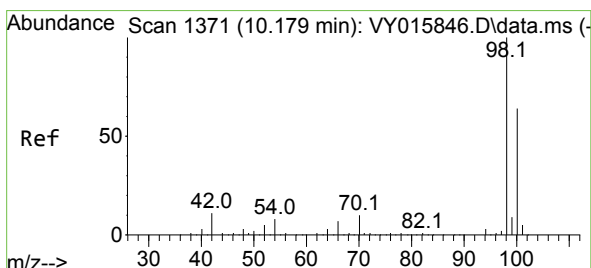
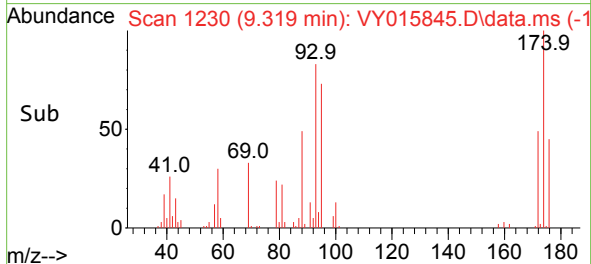
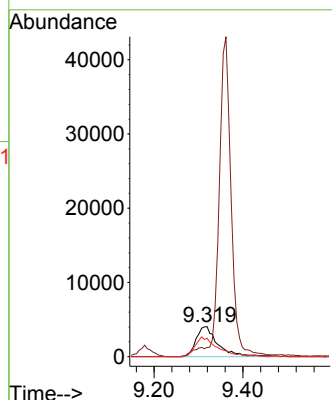
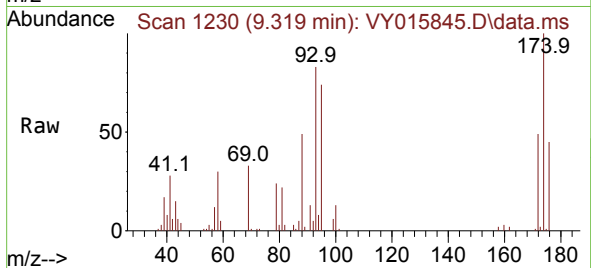
Tgt Ion: 88 Resp: 13878

Ion Ratio Lower Upper

88 100

43 17.4 0.0 0.0#

58 66.0 30.9 46.3#



#50

Toluene-d8

Concen: 18.987 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015845.D

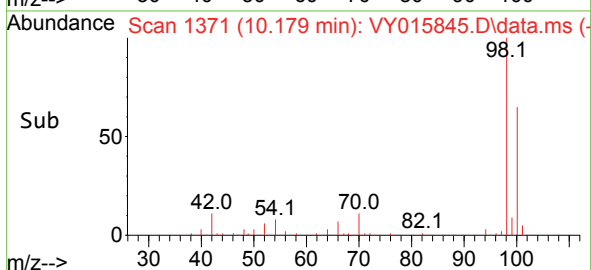
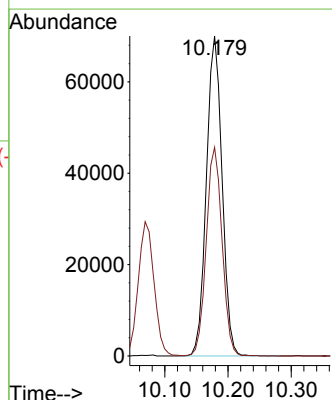
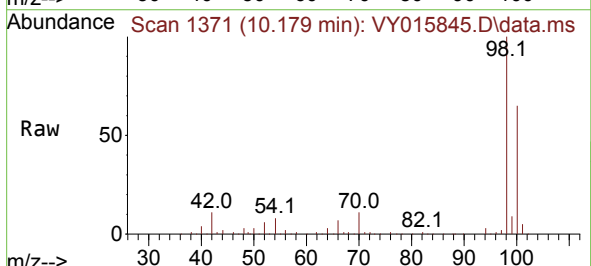
Acq: 05 Oct 2023 13:09

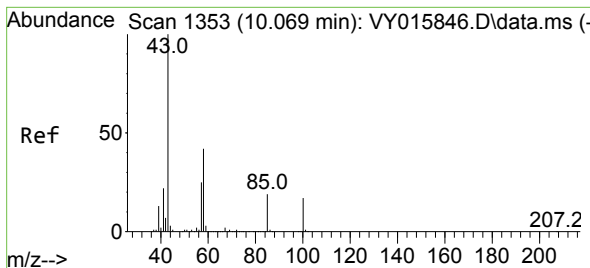
Tgt Ion: 98 Resp: 120719

Ion Ratio Lower Upper

98 100

100 65.9 50.1 75.1

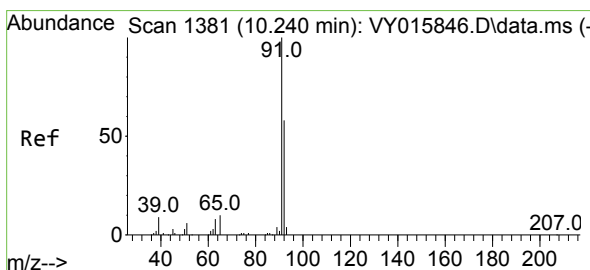
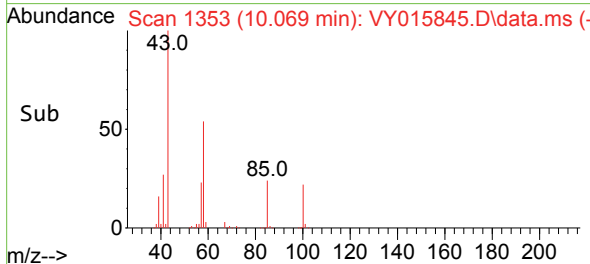
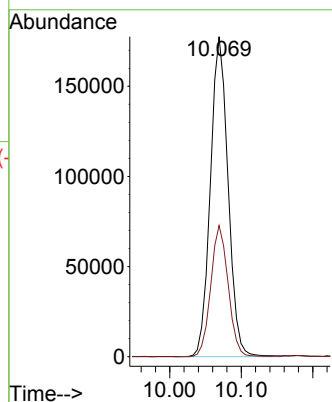
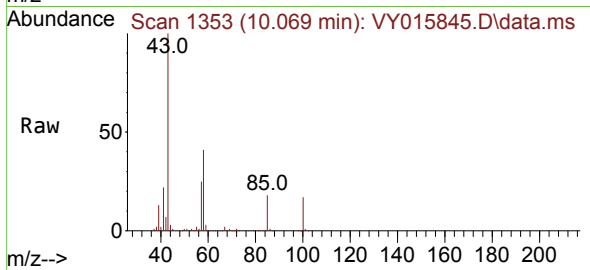




#51
4-Methyl-2-Pentanone
Concen: 108.295 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015845.D
Acq: 05 Oct 2023 13:09

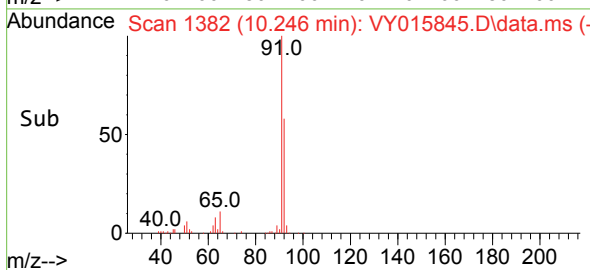
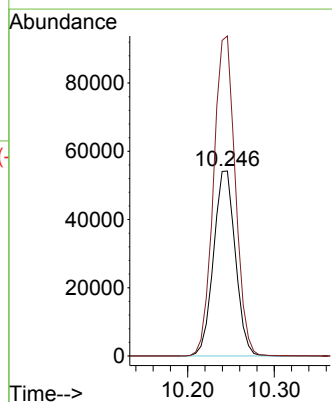
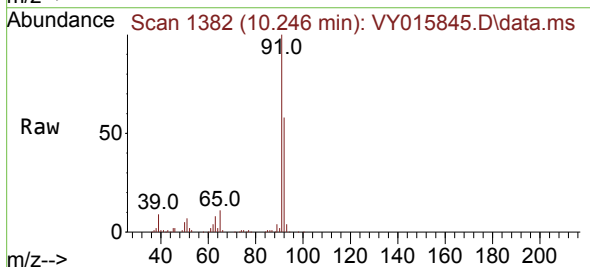
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

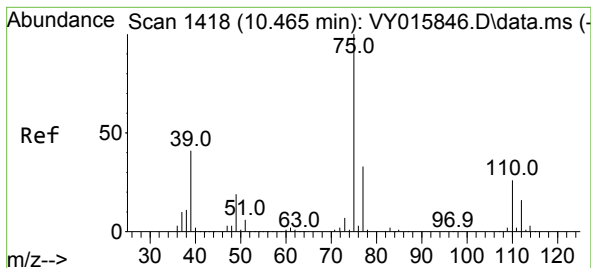
Tgt Ion: 43 Resp: 304866
Ion Ratio Lower Upper
43 100
58 40.3 29.0 43.6



#52
Toluene
Concen: 19.773 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015845.D
Acq: 05 Oct 2023 13:09

Tgt Ion: 92 Resp: 94841
Ion Ratio Lower Upper
92 100
91 172.6 143.8 215.6

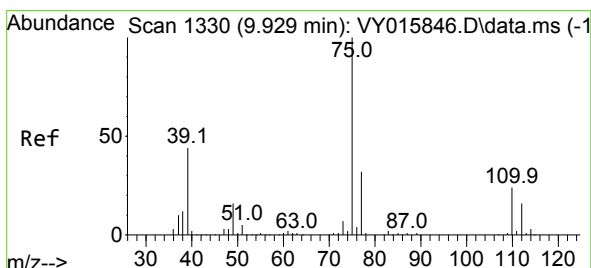
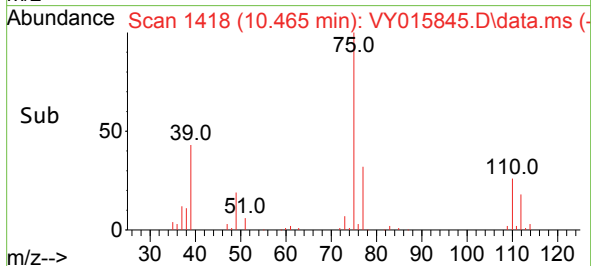
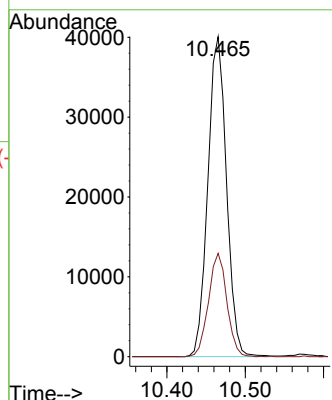
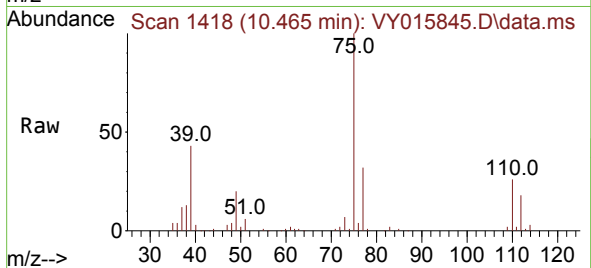




#53
 t-1,3-Dichloropropene
 Concen: 19.633 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY015845.D
 Acq: 05 Oct 2023 13:09

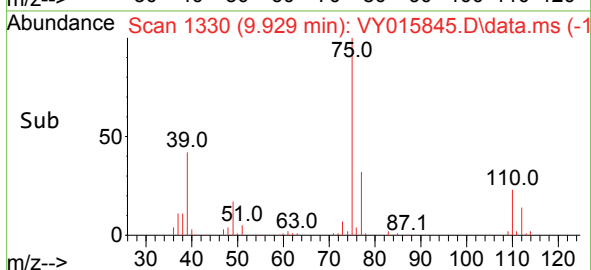
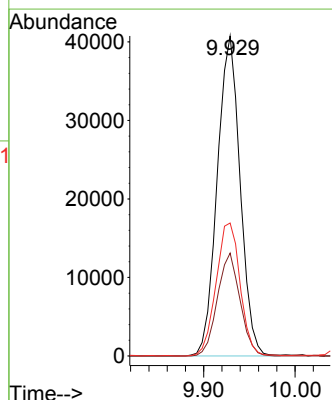
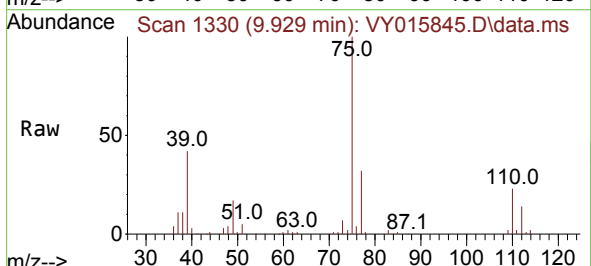
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

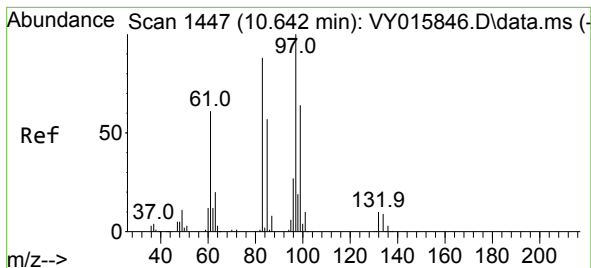
Tgt Ion: 75 Resp: 66288
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 19.778 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY015845.D
 Acq: 05 Oct 2023 13:09

Tgt Ion: 75 Resp: 70892
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.2 36.4
 39 41.6 42.2 63.4#

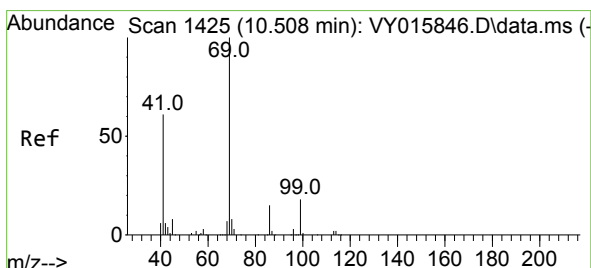
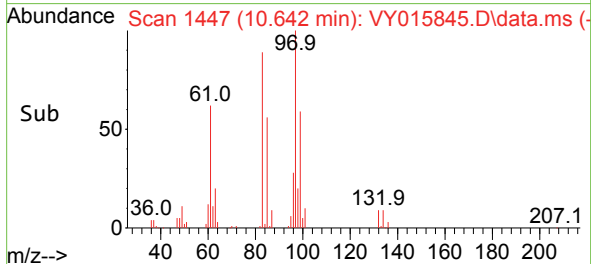
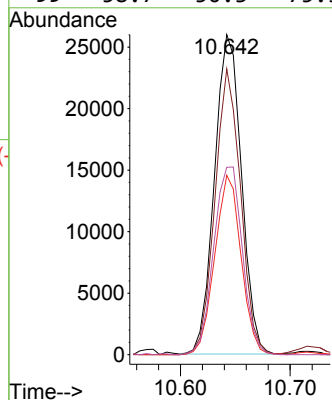
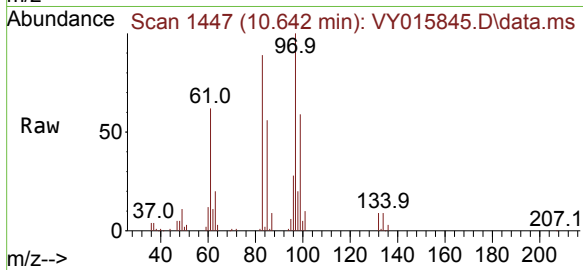




#55
1,1,2-Trichloroethane
Concen: 20.389 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY015845.D
Acq: 05 Oct 2023 13:09

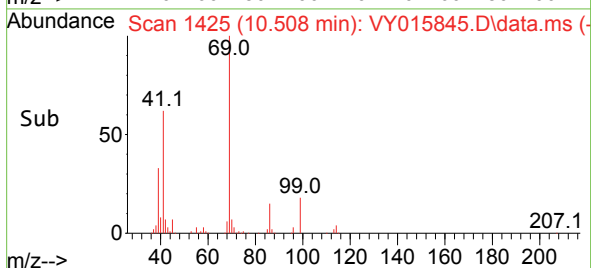
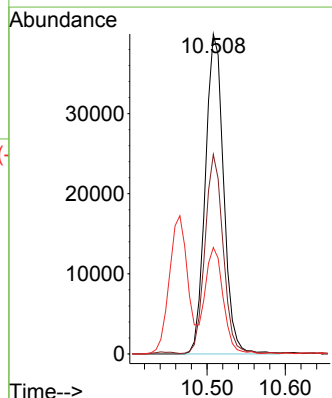
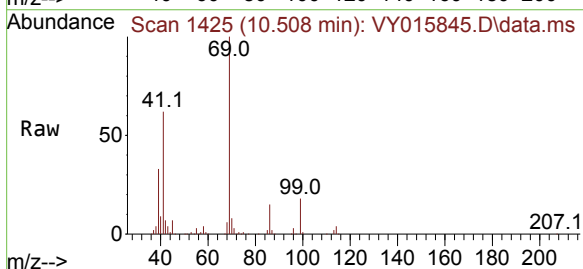
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

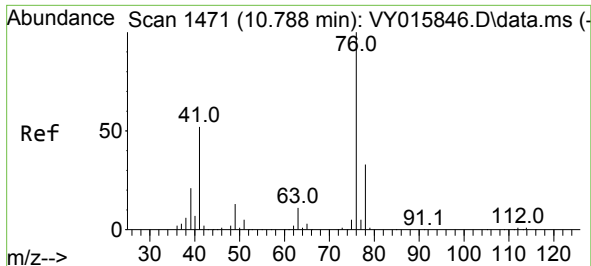
Tgt Ion:	97	Resp:	44406
Ion	Ratio	Lower	Upper
97	100		
83	89.5	72.0	108.0
85	56.2	45.4	68.0
99	58.7	50.3	75.5



#56
Ethyl methacrylate
Concen: 20.472 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY015845.D
Acq: 05 Oct 2023 13:09

Tgt Ion:	69	Resp:	64646
Ion	Ratio	Lower	Upper
69	100		
41	61.5	57.6	86.4
39	31.8	34.1	51.1#





#57

1,3-Dichloropropane

Concen: 20.207 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY015845.D

Acq: 05 Oct 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :

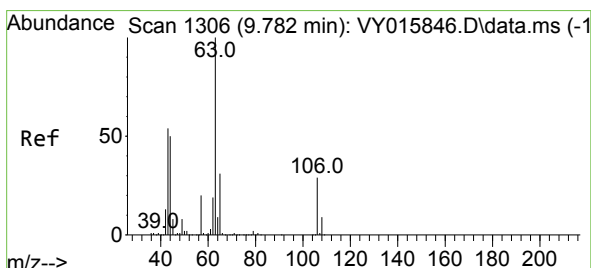
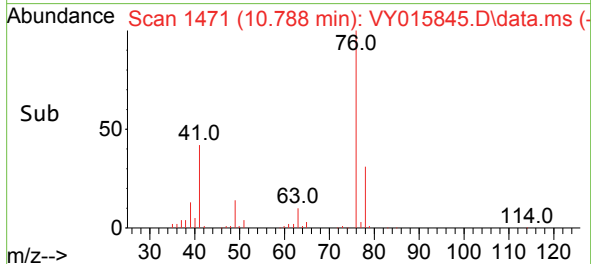
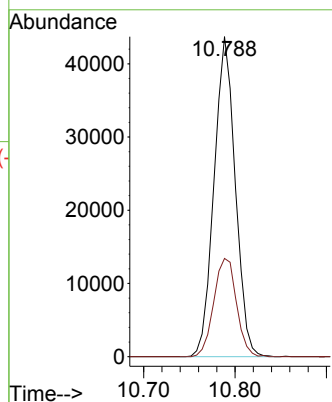
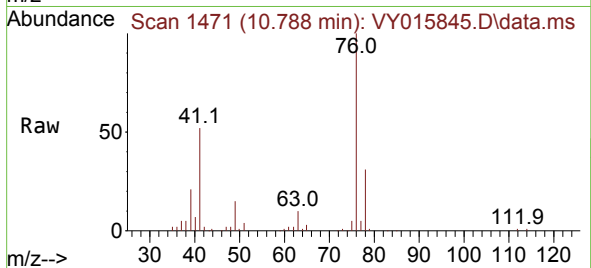
VSTDIC020

Tgt Ion: 76 Resp: 70357

Ion Ratio Lower Upper

76 100

78 32.9 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 100.942 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY015845.D

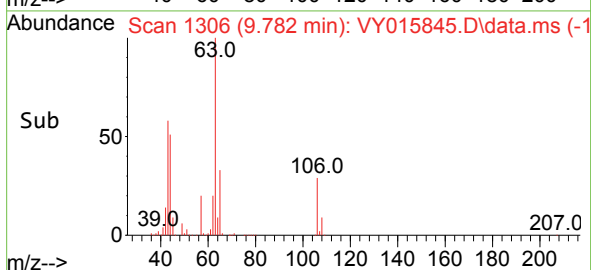
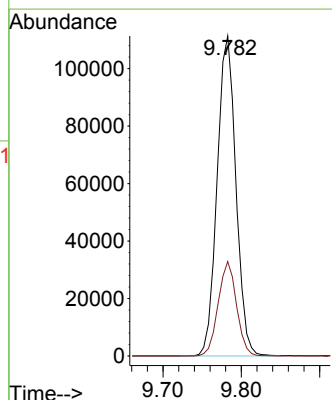
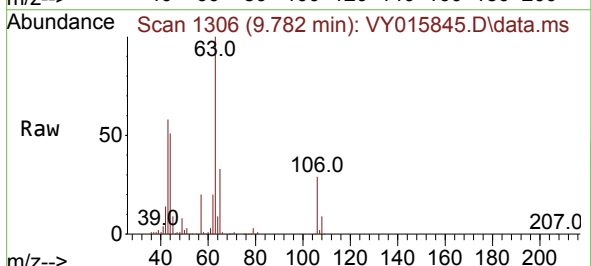
Acq: 05 Oct 2023 13:09

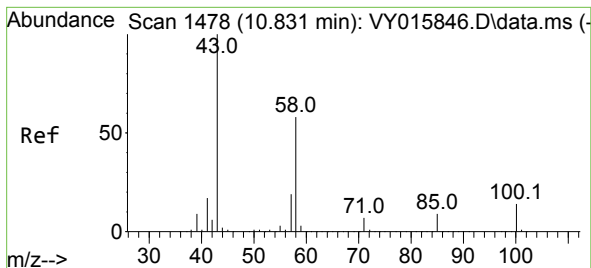
Tgt Ion: 63 Resp: 185732

Ion Ratio Lower Upper

63 100

106 28.8 21.2 31.8

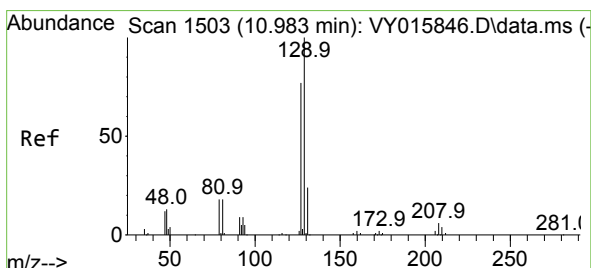
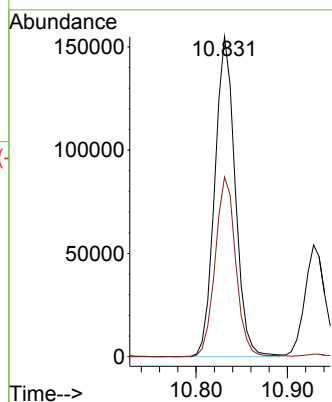
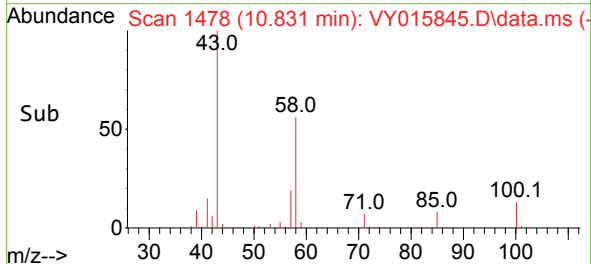
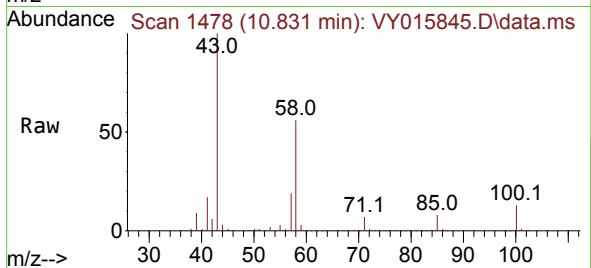




#59
2-Hexanone
Concen: 109.772 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015845.D
Acq: 05 Oct 2023 13:09

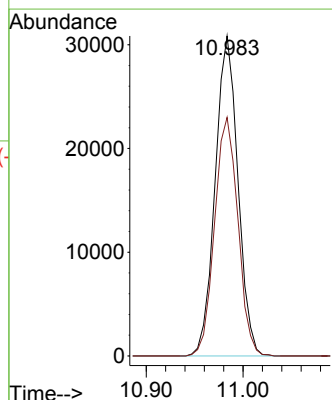
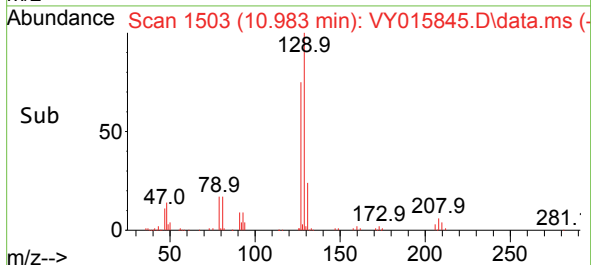
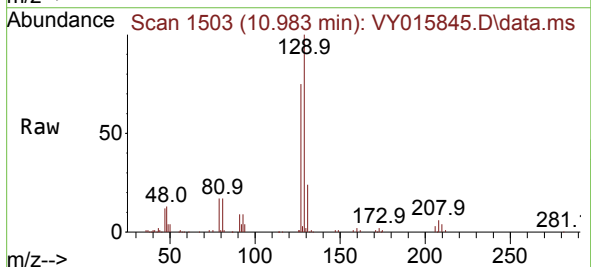
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

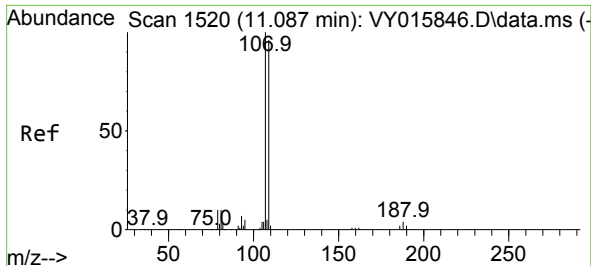
Tgt Ion: 43 Resp: 239795
Ion Ratio Lower Upper
43 100
58 56.7 25.1 75.3



#60
Dibromochloromethane
Concen: 20.018 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015845.D
Acq: 05 Oct 2023 13:09

Tgt Ion: 129 Resp: 50357
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.5

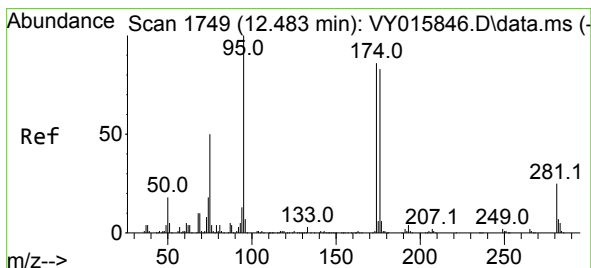
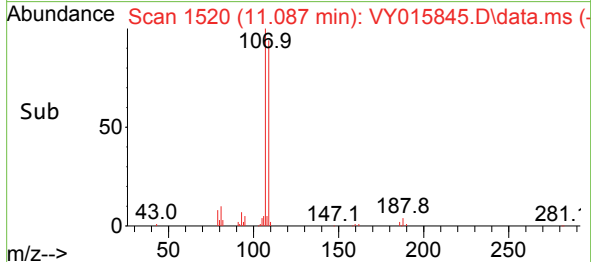
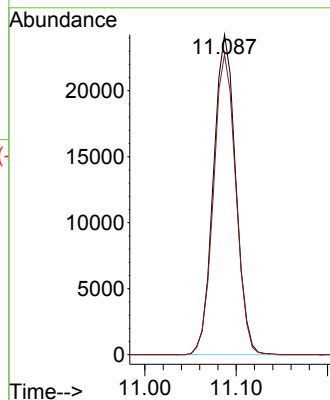
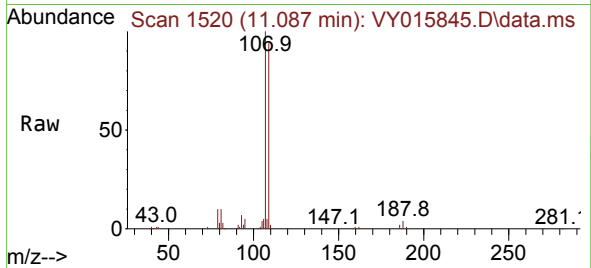




#61
1,2-Dibromoethane
Concen: 20.143 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY015845.D
Acq: 05 Oct 2023 13:09

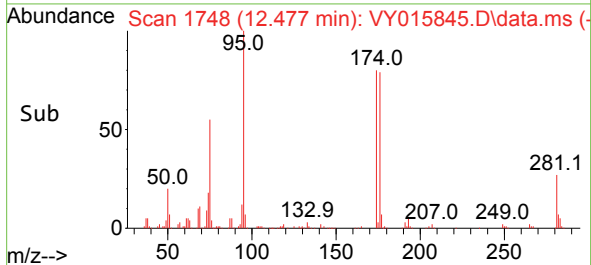
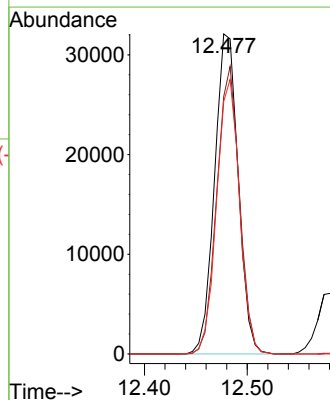
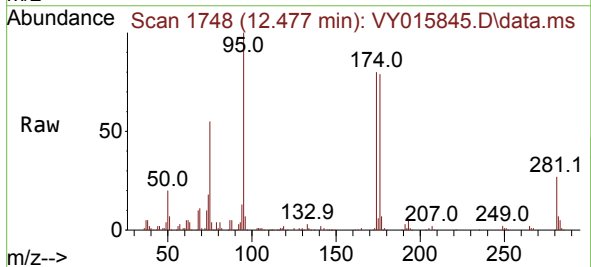
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

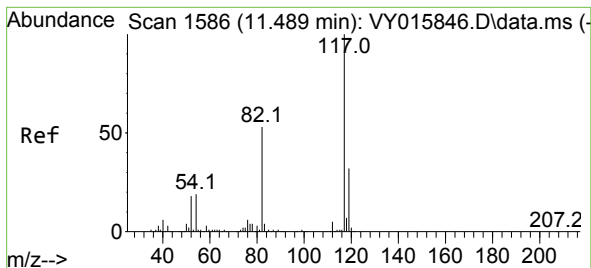
Tgt Ion:107 Resp: 40997
Ion Ratio Lower Upper
107 100
109 94.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 19.668 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY015845.D
Acq: 05 Oct 2023 13:09

Tgt Ion: 95 Resp: 51114
Ion Ratio Lower Upper
95 100
174 86.1 0.0 178.2
176 83.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015845.D

Acq: 05 Oct 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

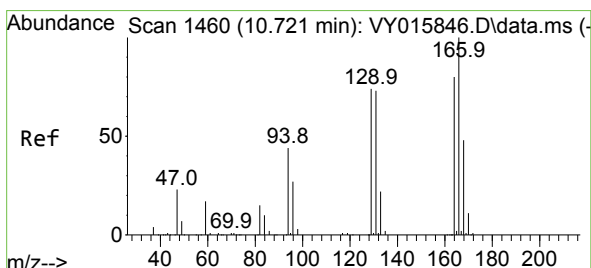
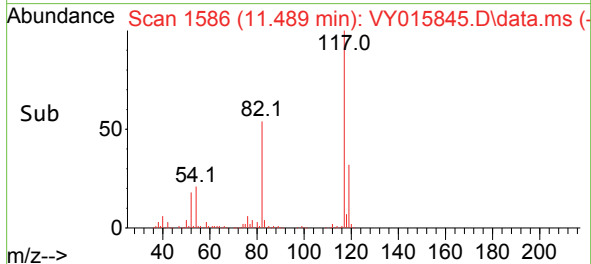
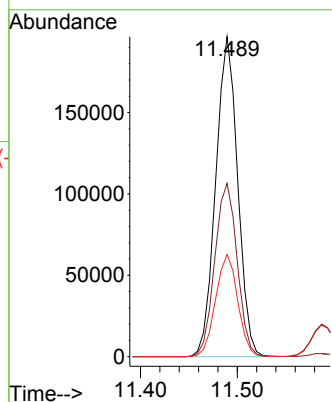
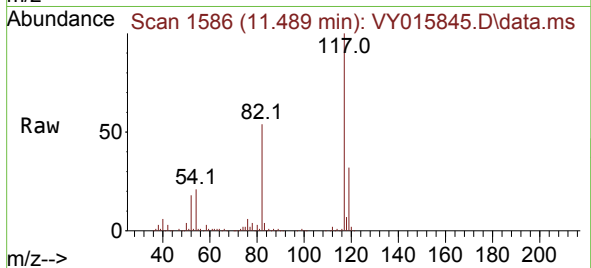
Tgt Ion:117 Resp: 309504

Ion Ratio Lower Upper

117 100

82 54.1 43.4 65.0

119 31.9 26.3 39.5



#64

Tetrachloroethene

Concen: 20.895 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY015845.D

Acq: 05 Oct 2023 13:09

Tgt Ion:164 Resp: 45458

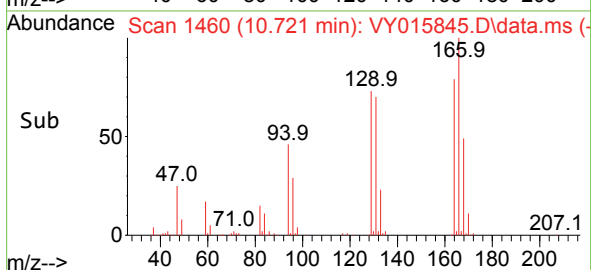
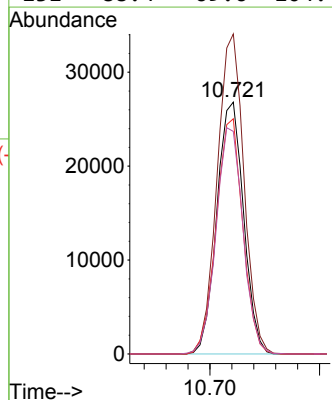
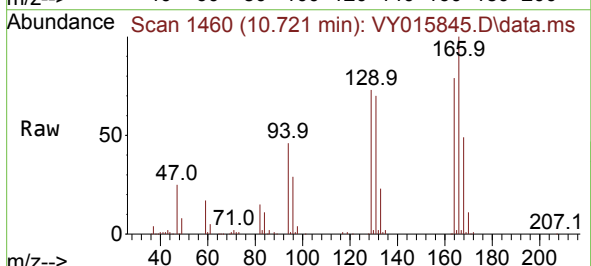
Ion Ratio Lower Upper

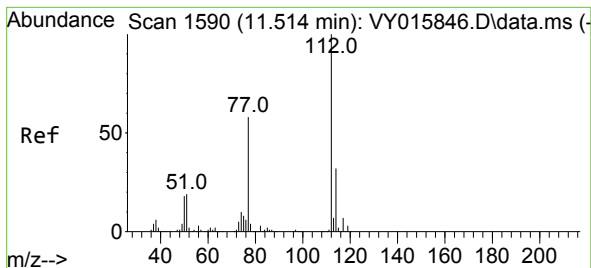
164 100

166 127.1 103.0 154.6

129 93.4 77.2 115.8

131 88.4 69.6 104.4





#65

Chlorobenzene

Concen: 20.312 ug/l

RT: 11.514 min Scan# 1159

Delta R.T. 0.000 min

Lab File: VY015845.D

Acq: 05 Oct 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :

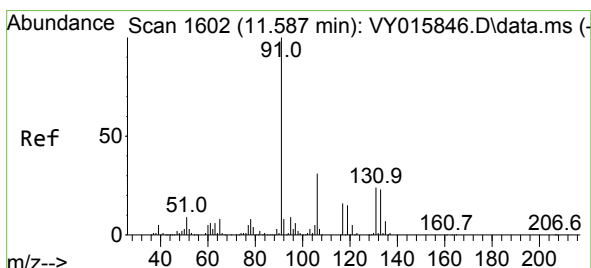
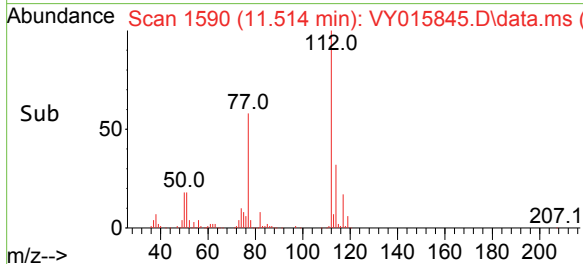
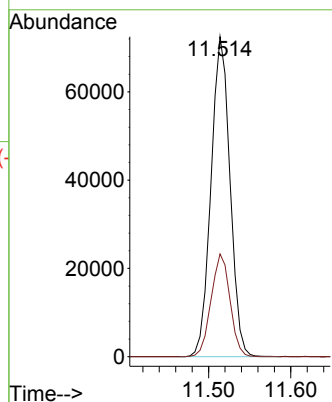
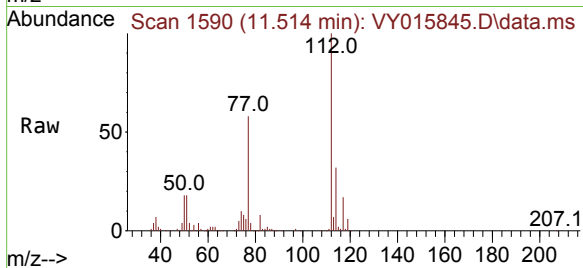
VSTDIC020

Tgt Ion:112 Resp: 116261

Ion Ratio Lower Upper

112 100

114 32.1 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 20.400 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY015845.D

Acq: 05 Oct 2023 13:09

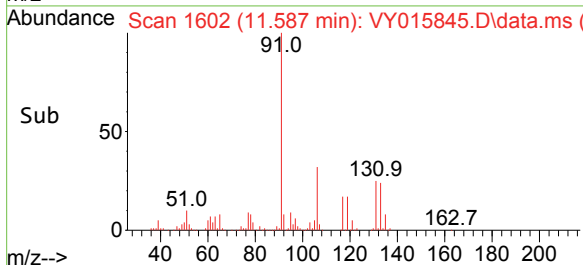
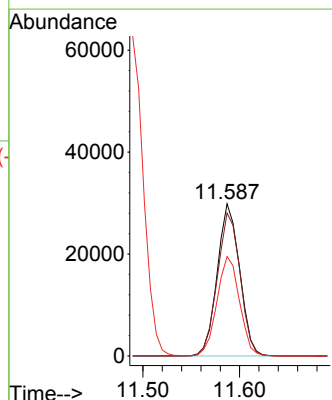
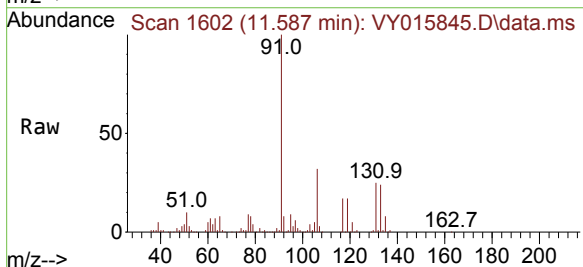
Tgt Ion:131 Resp: 48010

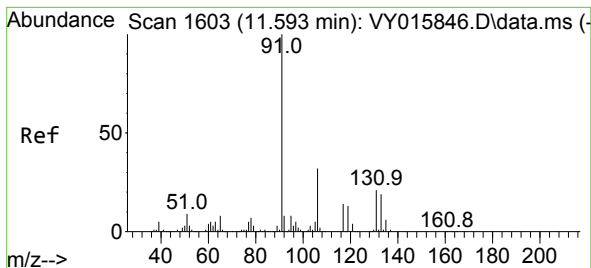
Ion Ratio Lower Upper

131 100

133 95.5 47.5 142.6

119 65.6 31.6 94.7





#67

Ethyl Benzene

Concen: 20.157 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY015845.D

Acq: 05 Oct 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :

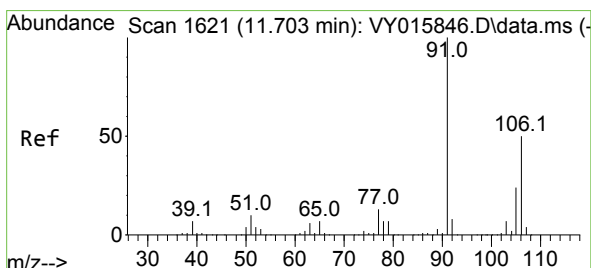
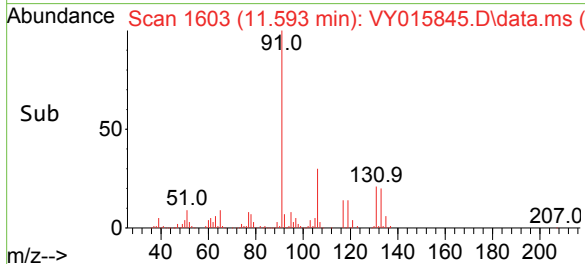
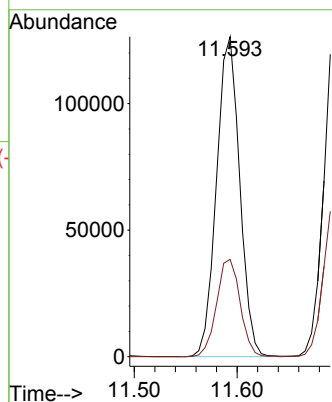
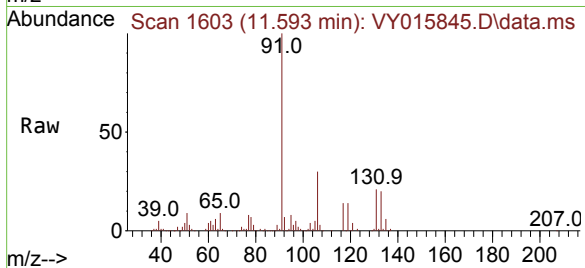
VSTDIC020

Tgt Ion: 91 Resp: 197474

Ion Ratio Lower Upper

91 100

106 30.4 24.6 36.8



#68

m/p-Xylenes

Concen: 40.553 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY015845.D

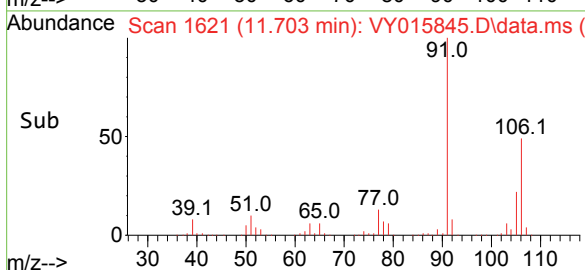
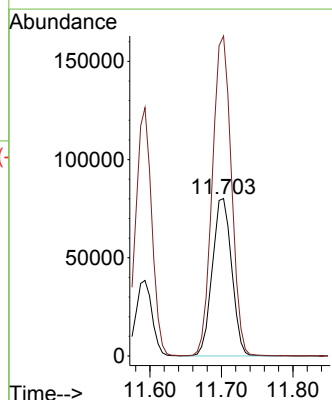
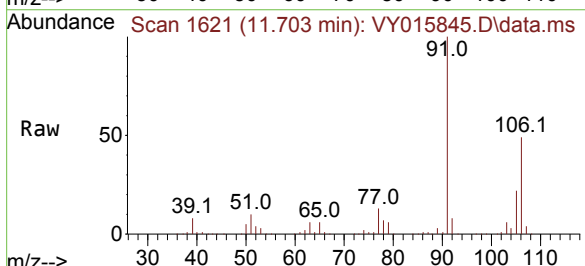
Acq: 05 Oct 2023 13:09

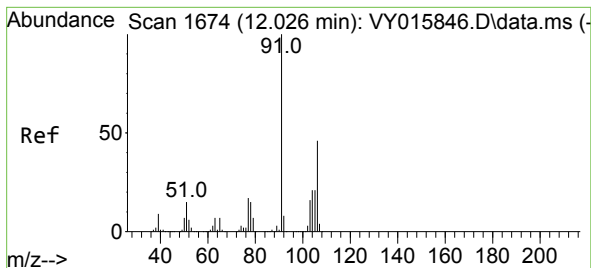
Tgt Ion: 106 Resp: 151023

Ion Ratio Lower Upper

106 100

91 199.9 166.1 249.1





#69

o-Xylene

Concen: 20.270 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015845.D

Acq: 05 Oct 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :

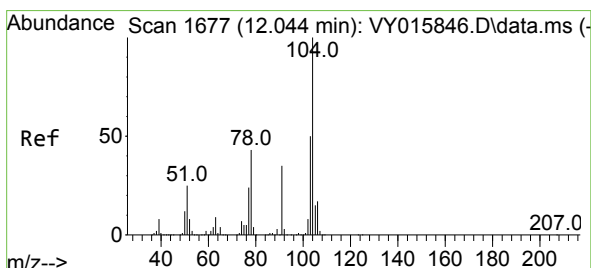
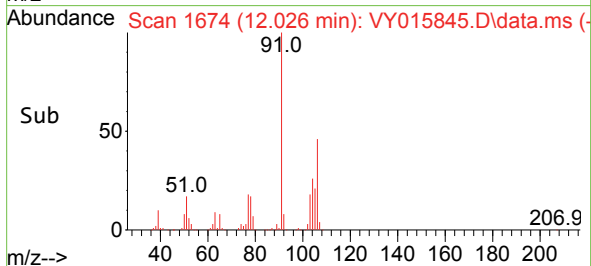
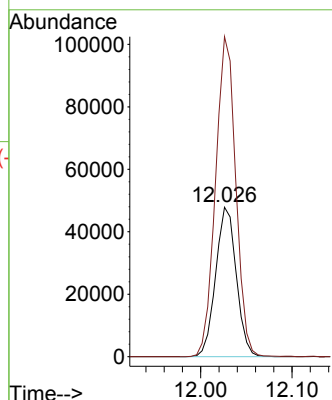
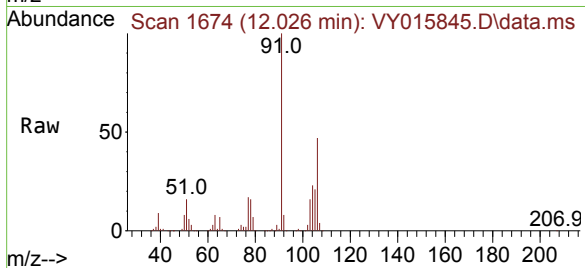
VSTDICC020

Tgt Ion:106 Resp: 75086

Ion Ratio Lower Upper

106 100

91 210.4 108.1 324.3



#70

Styrene

Concen: 20.420 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY015845.D

Acq: 05 Oct 2023 13:09

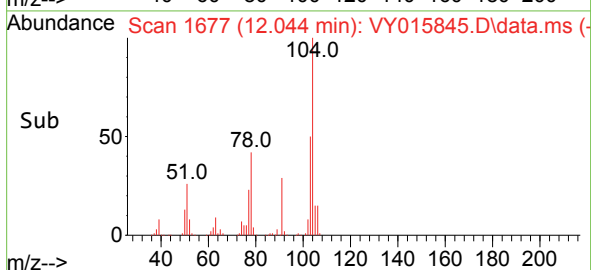
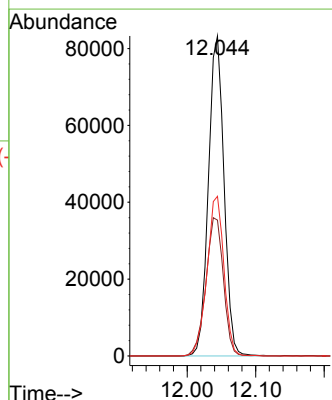
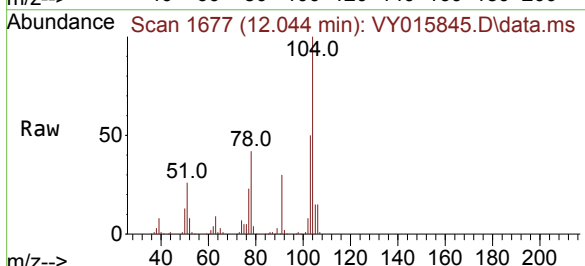
Tgt Ion:104 Resp: 132051

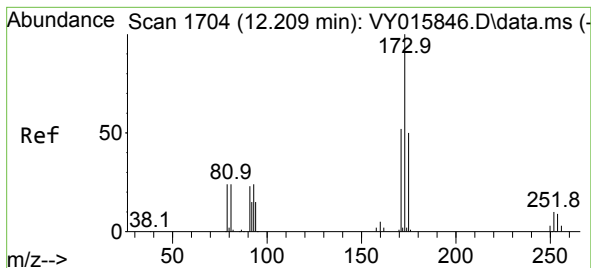
Ion Ratio Lower Upper

104 100

78 48.6 41.5 62.3

103 54.2 44.6 67.0





#71

Bromoform

Concen: 20.541 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015845.D

Acq: 05 Oct 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

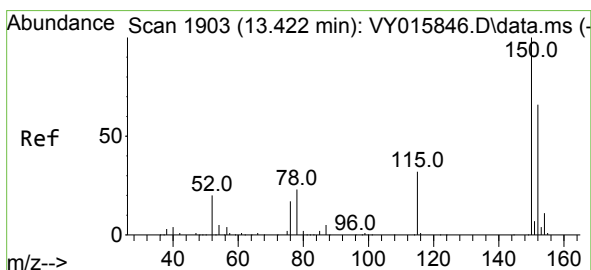
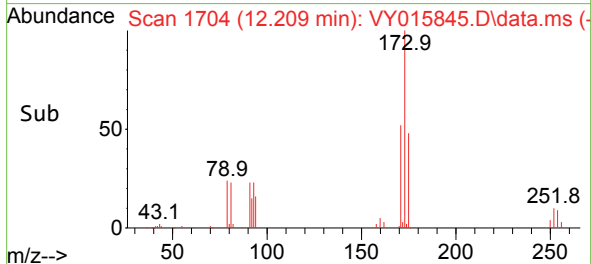
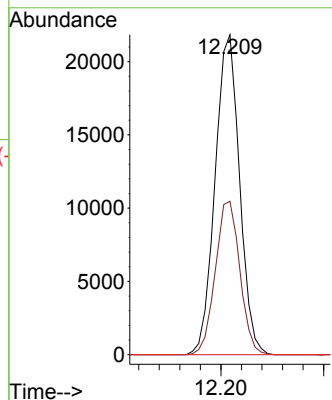
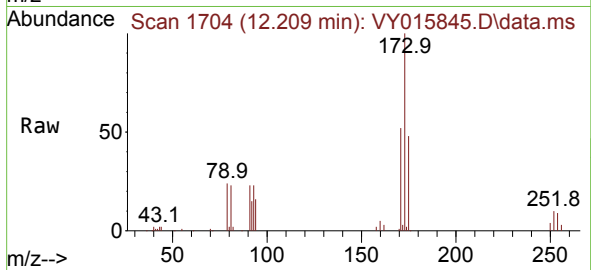
Tgt Ion:173 Resp: 36046

Ion Ratio Lower Upper

173 100

175 48.1 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: VY015845.D

Acq: 05 Oct 2023 13:09

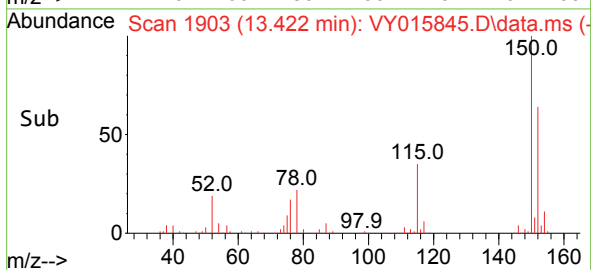
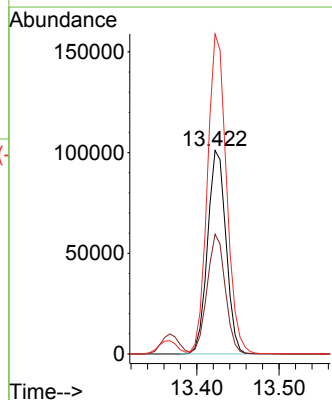
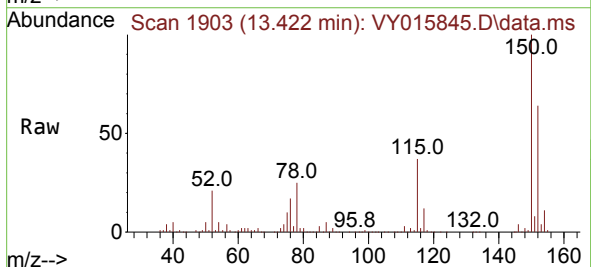
Tgt Ion:152 Resp: 157195

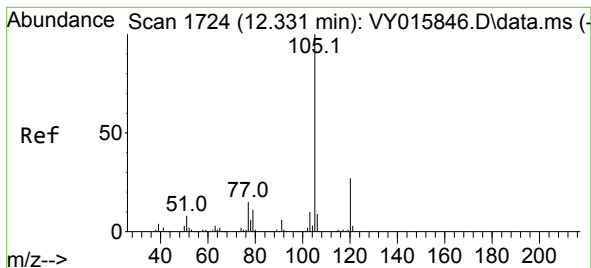
Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 163.1 0.0 348.8





#73

Isopropylbenzene

Concen: 20.084 ug/l

RT: 12.331 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015845.D

Acq: 05 Oct 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :

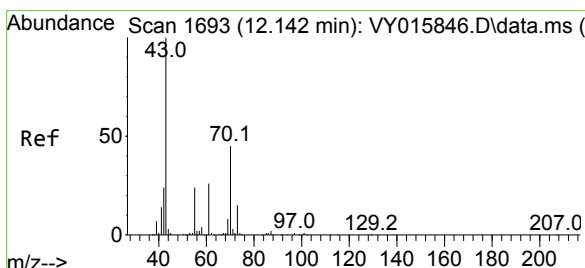
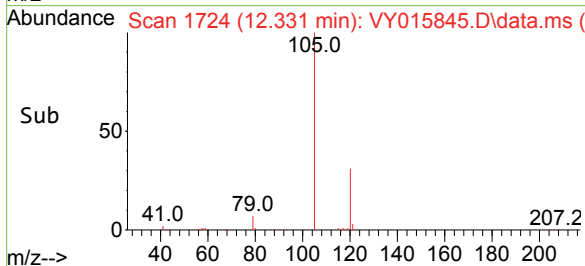
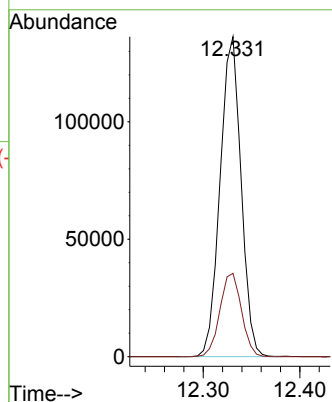
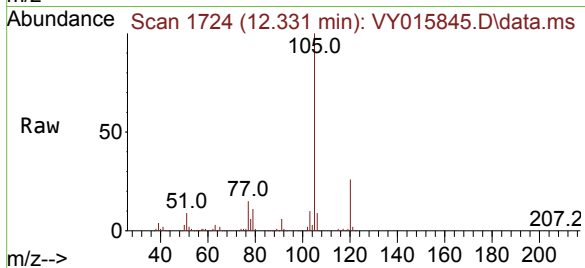
VSTDIC020

Tgt Ion:105 Resp: 204518

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.9



#74

N-ethyl acetate

Concen: 21.044 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY015845.D

Acq: 05 Oct 2023 13:09

Tgt Ion: 43 Resp: 82807

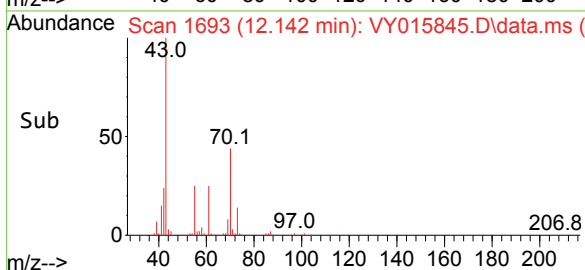
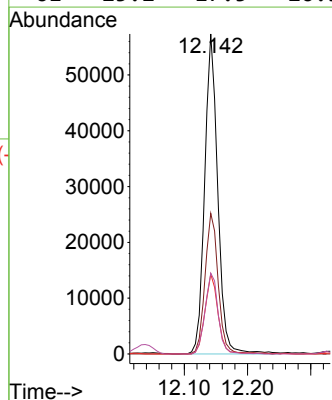
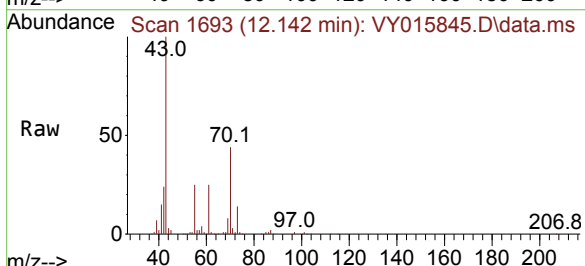
Ion Ratio Lower Upper

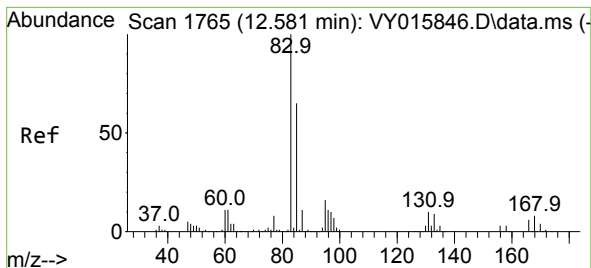
43 100

70 44.0 29.7 44.5

55 24.8 18.3 27.5

61 25.2 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.420 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY015845.D

Acq: 05 Oct 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

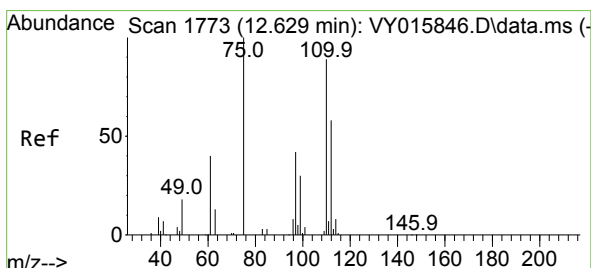
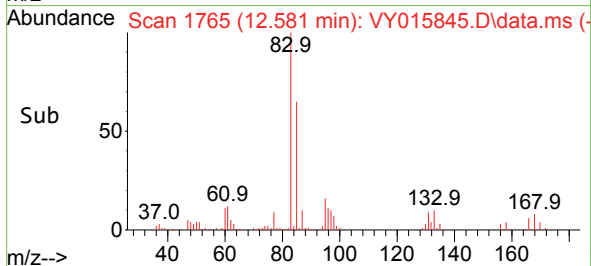
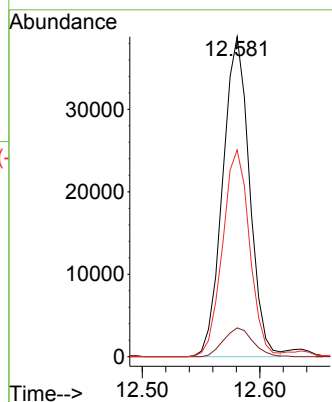
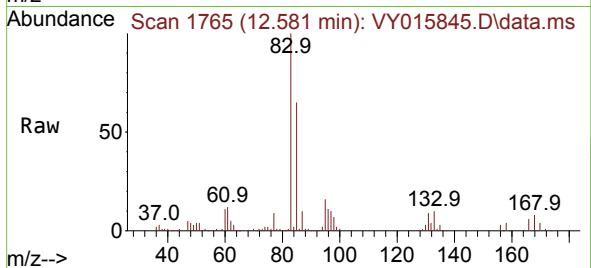
Tgt Ion: 83 Resp: 61424

Ion Ratio Lower Upper

83 100

131 9.9 5.4 16.2

85 65.3 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 34.623 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY015845.D

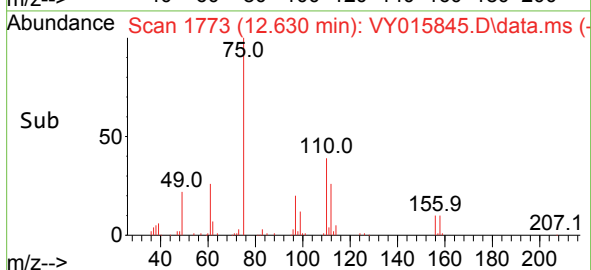
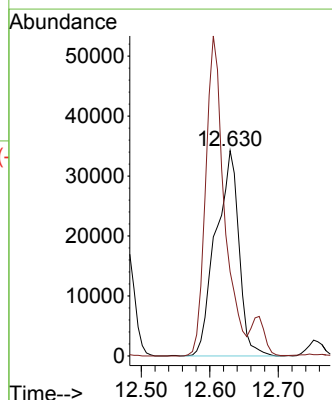
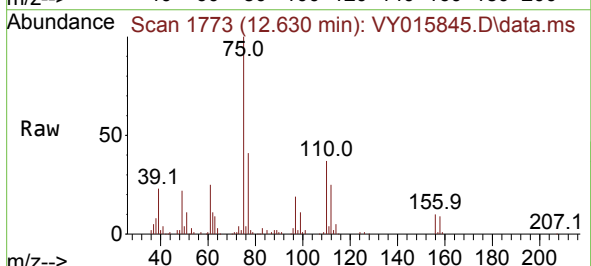
Acq: 05 Oct 2023 13:09

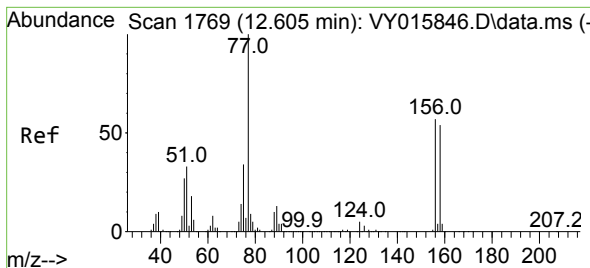
Tgt Ion: 75 Resp: 80569

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.064 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY015845.D

Acq: 05 Oct 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

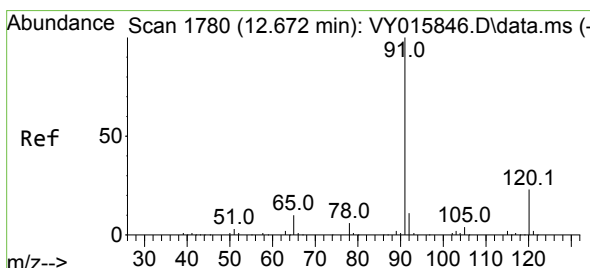
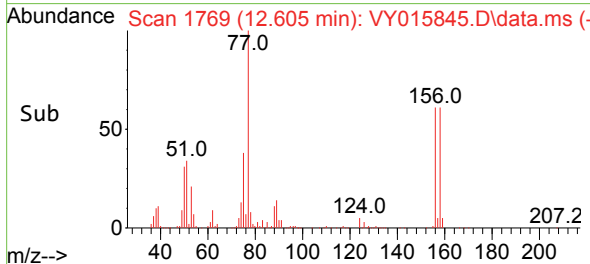
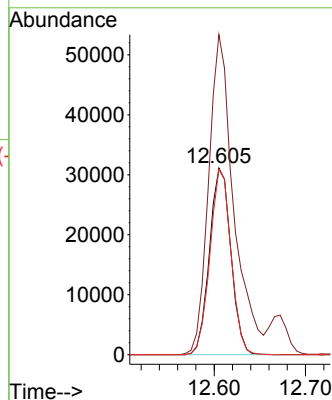
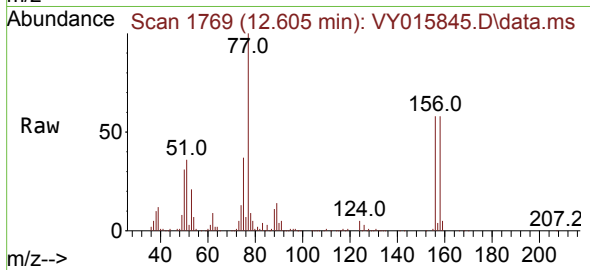
Tgt Ion:156 Resp: 50543

Ion Ratio Lower Upper

156 100

77 200.8 92.8 278.6

158 97.7 48.4 145.3



#78

n-propylbenzene

Concen: 20.245 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY015845.D

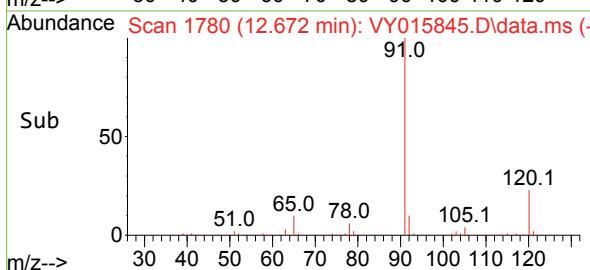
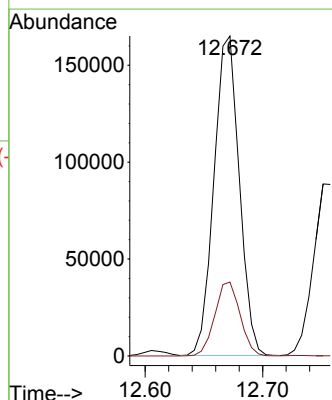
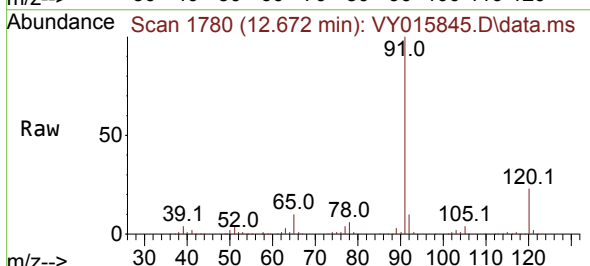
Acq: 05 Oct 2023 13:09

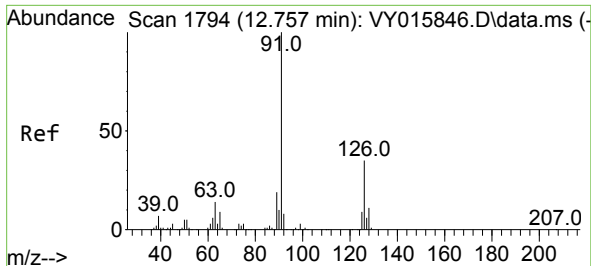
Tgt Ion: 91 Resp: 246923

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 20.098 ug/l

RT: 12.751 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY015845.D

Acq: 05 Oct 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :

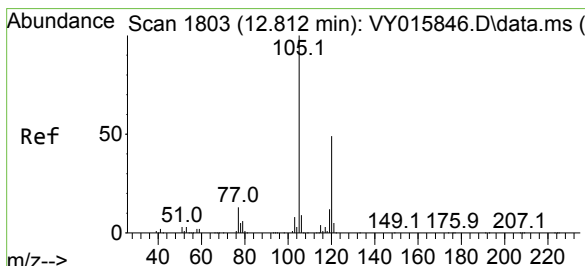
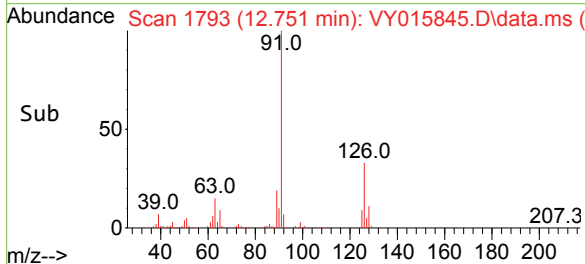
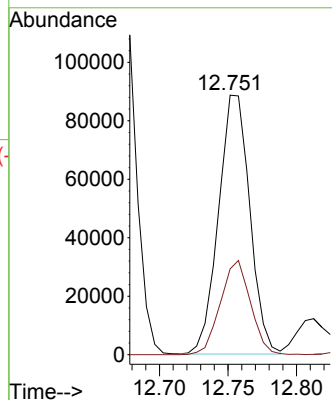
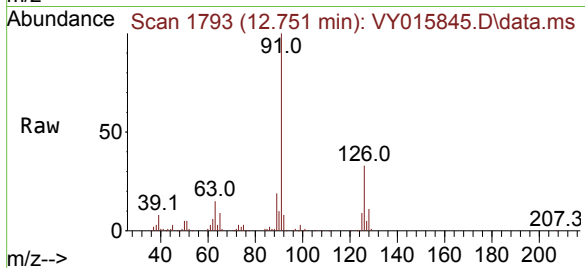
VSTDIC020

Tgt Ion: 91 Resp: 141167

Ion Ratio Lower Upper

91 100

126 34.9 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 20.162 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY015845.D

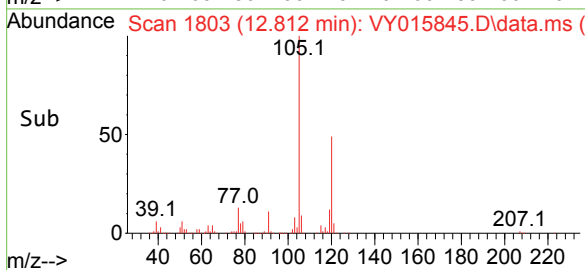
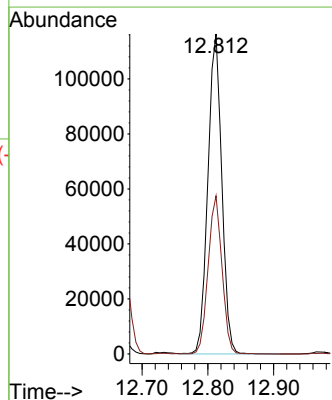
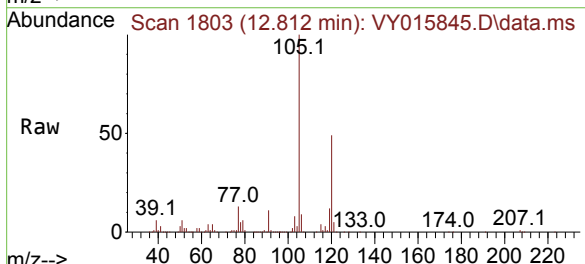
Acq: 05 Oct 2023 13:09

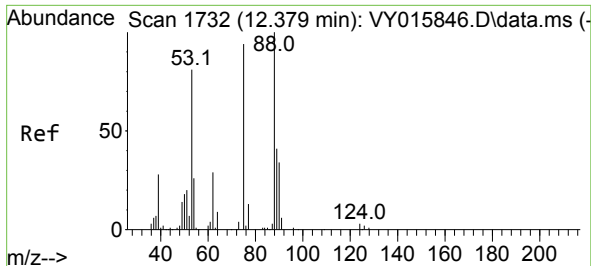
Tgt Ion: 105 Resp: 171104

Ion Ratio Lower Upper

105 100

120 49.2 23.9 71.7

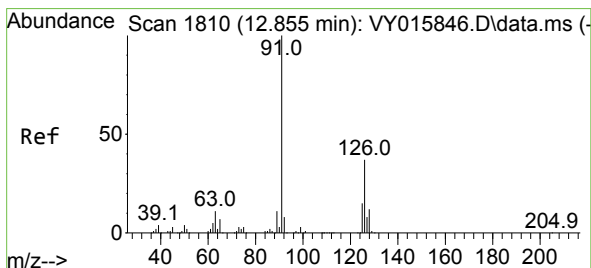
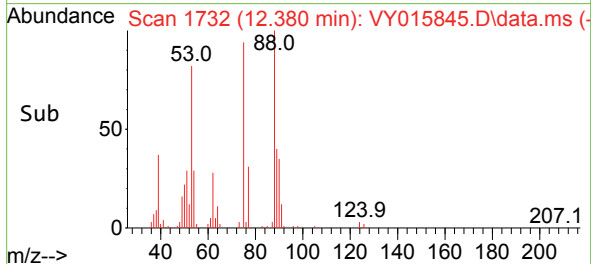
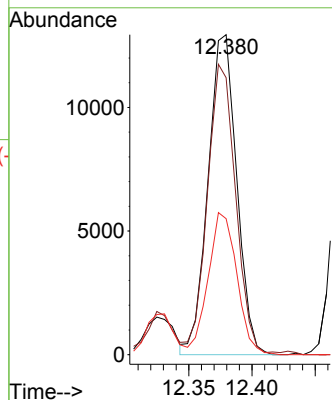
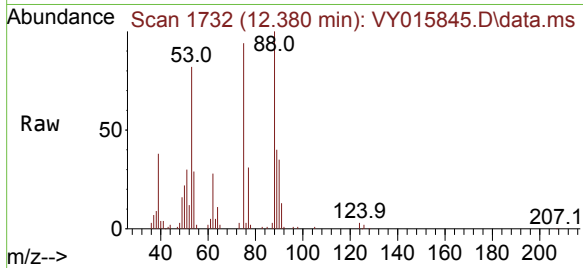




#81
trans-1,4-Dichloro-2-butene
Concen: 20.247 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY015845.D
Acq: 05 Oct 2023 13:09

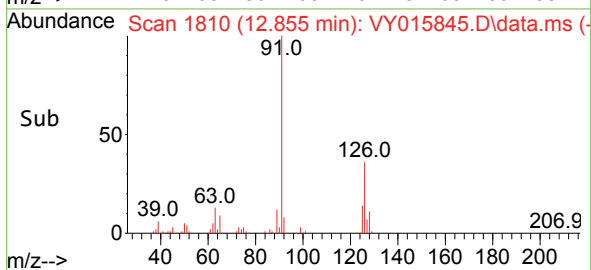
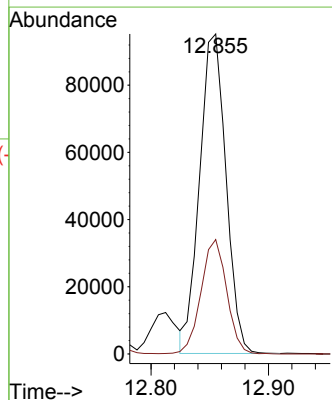
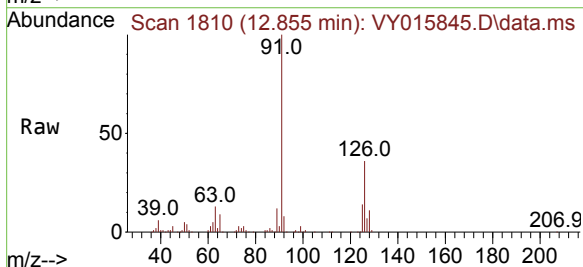
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

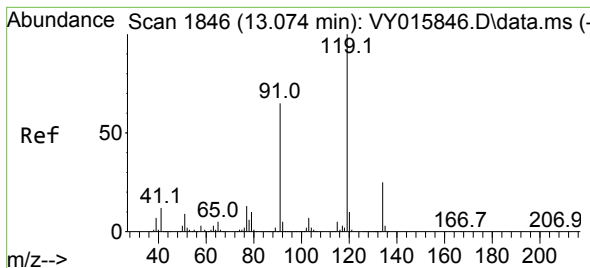
Tgt Ion: 75 Resp: 20353
Ion Ratio Lower Upper
75 100
53 88.8 77.8 116.8
89 44.5 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.142 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY015845.D
Acq: 05 Oct 2023 13:09

Tgt Ion: 91 Resp: 148070
Ion Ratio Lower Upper
91 100
126 35.0 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.363 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY015845.D

Acq: 05 Oct 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

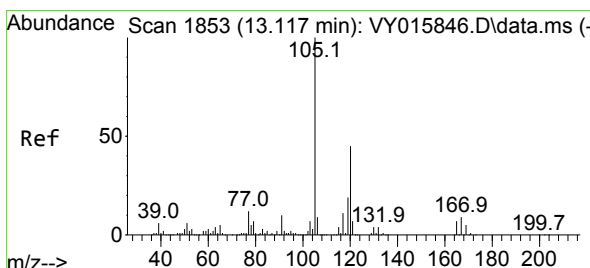
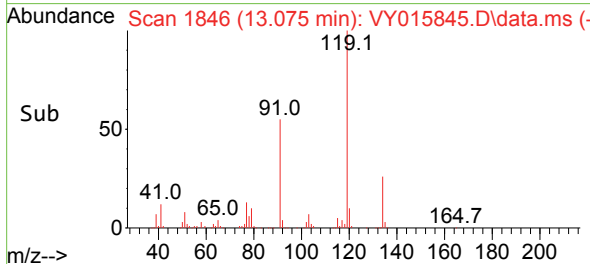
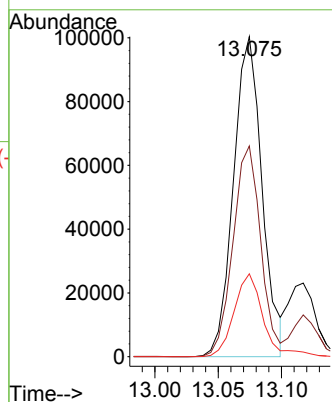
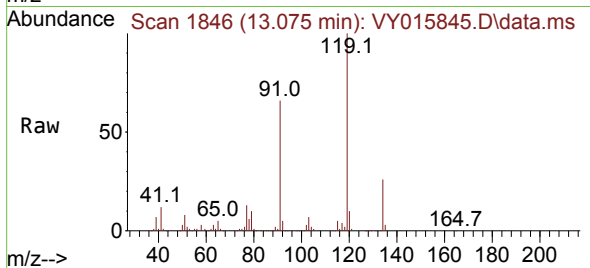
Tgt Ion:119 Resp: 157964

Ion Ratio Lower Upper

119 100

91 63.9 32.9 98.6

134 26.3 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.326 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015845.D

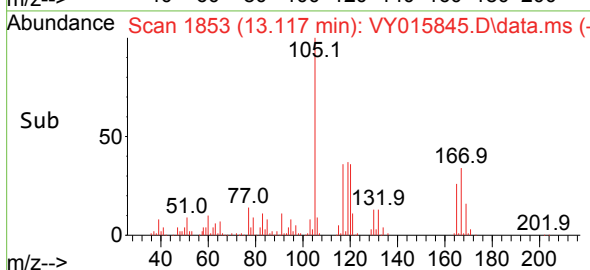
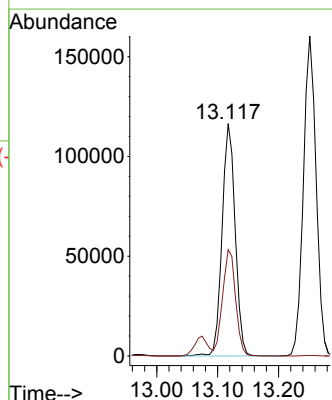
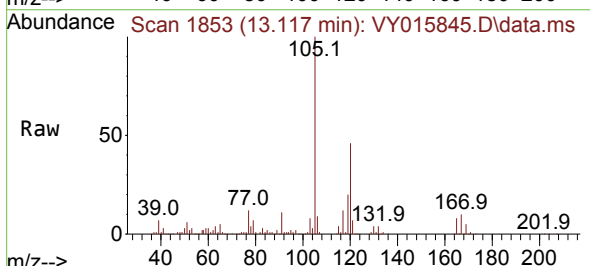
Acq: 05 Oct 2023 13:09

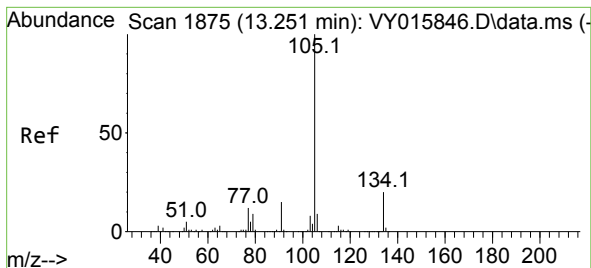
Tgt Ion:105 Resp: 173291

Ion Ratio Lower Upper

105 100

120 45.5 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.417 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015845.D

Acq: 05 Oct 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :

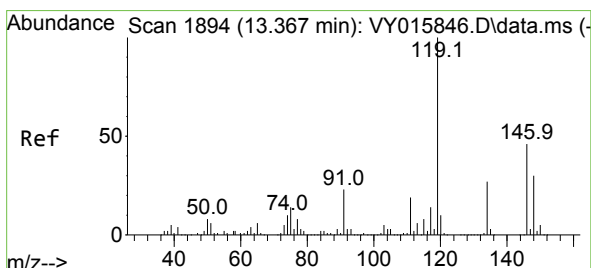
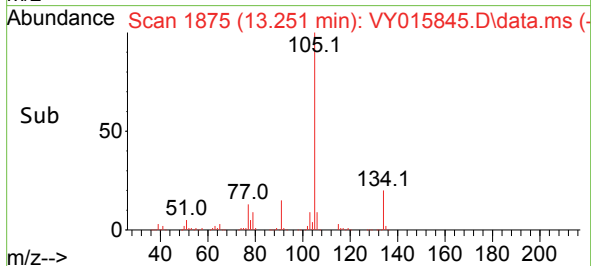
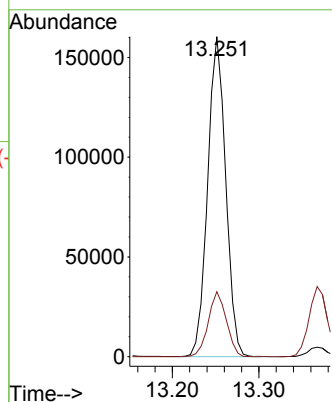
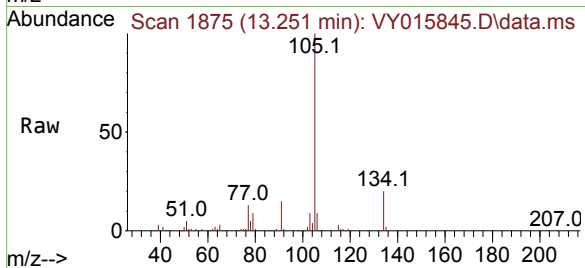
VSTDICC020

Tgt Ion:105 Resp: 232364

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.393 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015845.D

Acq: 05 Oct 2023 13:09

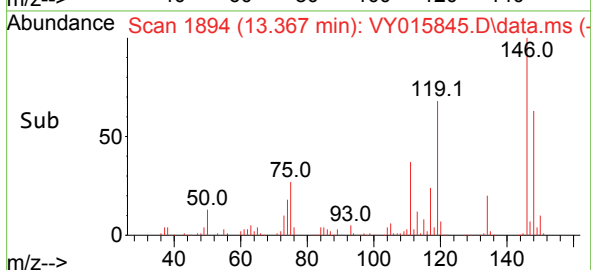
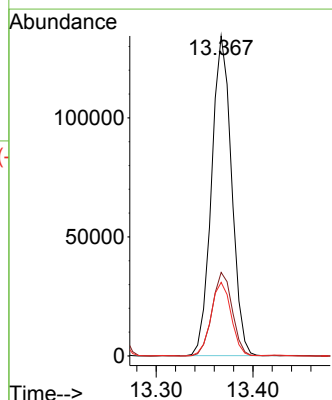
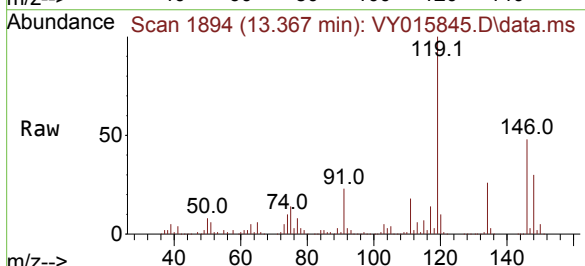
Tgt Ion:119 Resp: 193273

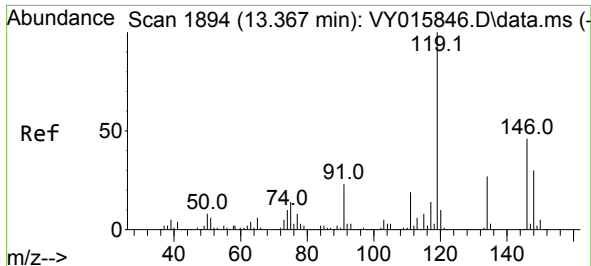
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

91 23.3 12.4 37.4

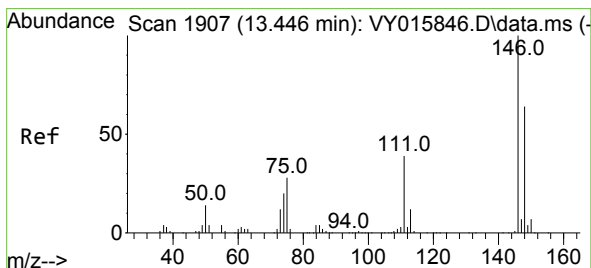
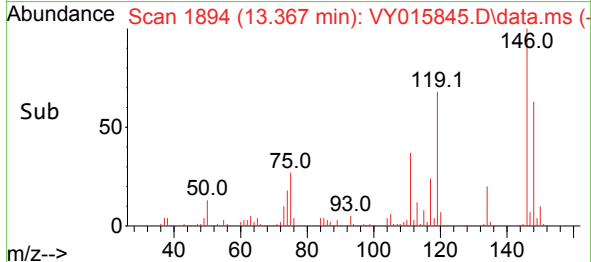
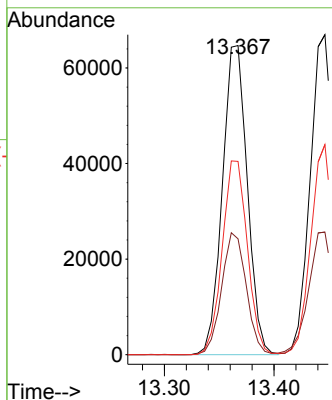
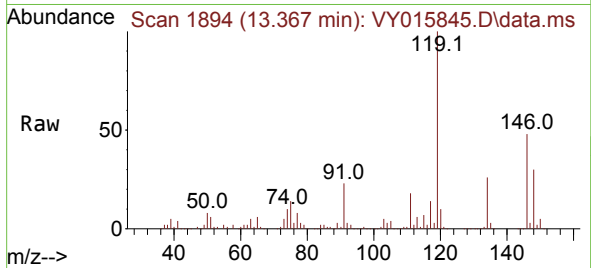




#87
1,3-Dichlorobenzene
Concen: 20.260 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY015845.D
Acq: 05 Oct 2023 13:09

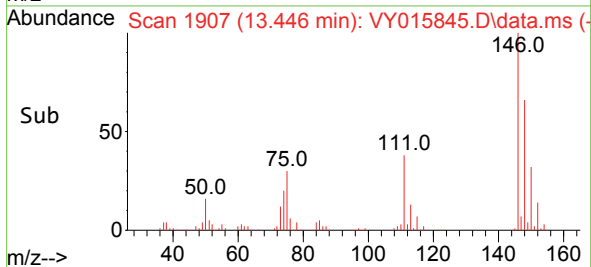
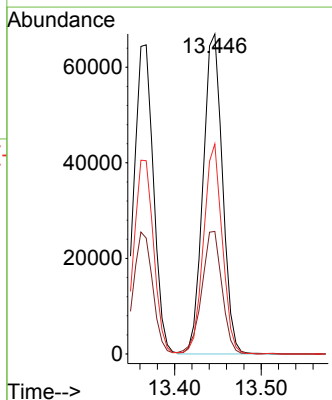
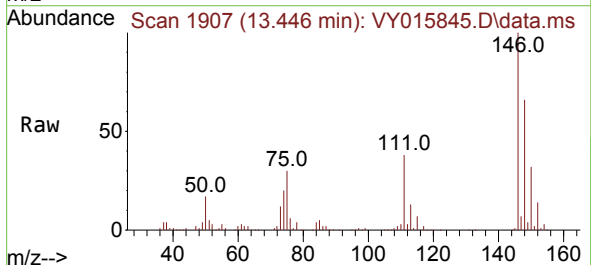
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

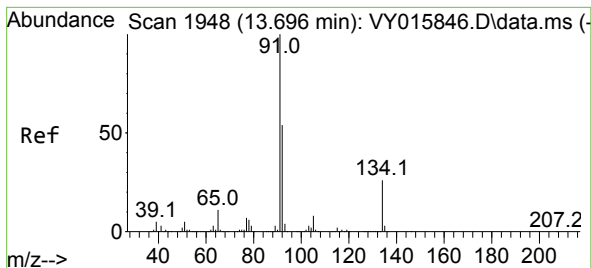
Tgt Ion:146 Resp: 102184
Ion Ratio Lower Upper
146 100
111 39.0 19.4 58.2
148 63.4 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 20.427 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY015845.D
Acq: 05 Oct 2023 13:09

Tgt Ion:146 Resp: 104167
Ion Ratio Lower Upper
146 100
111 39.9 18.9 56.7
148 63.3 32.1 96.5





#89

n-Butylbenzene

Concen: 20.371 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015845.D

Acq: 05 Oct 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

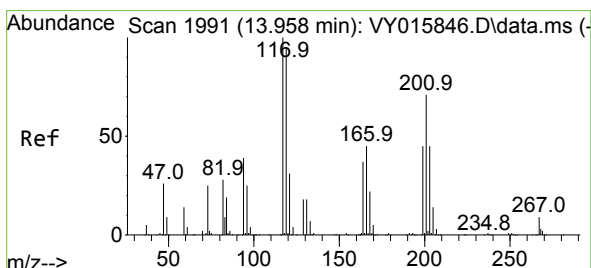
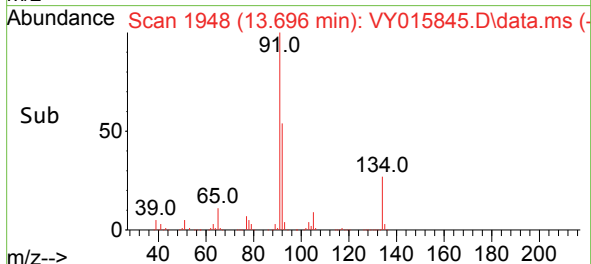
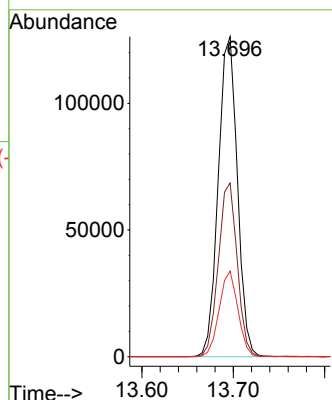
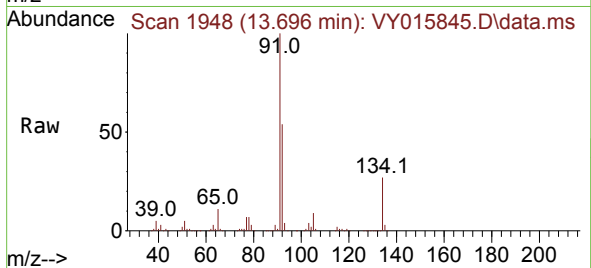
Tgt Ion: 91 Resp: 183710

Ion Ratio Lower Upper

91 100

92 53.6 25.4 76.0

134 26.2 12.6 37.6



#90

Hexachloroethane

Concen: 20.233 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY015845.D

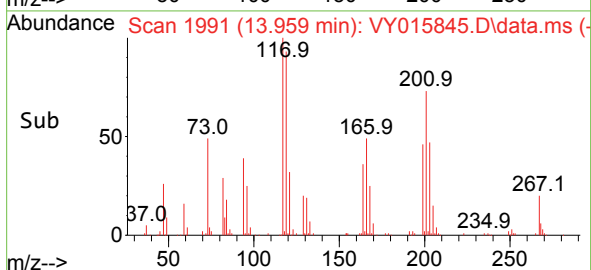
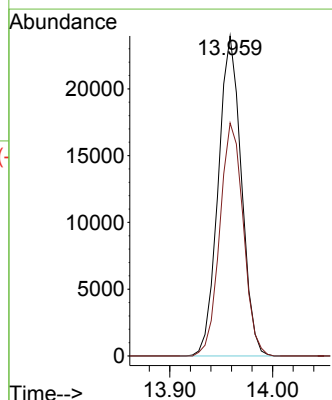
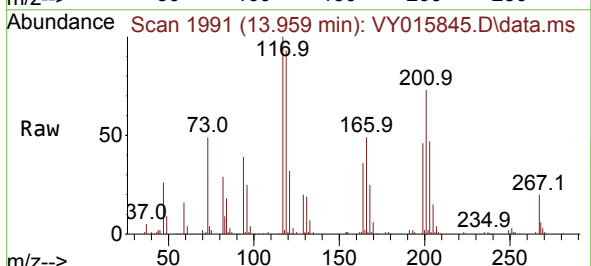
Acq: 05 Oct 2023 13:09

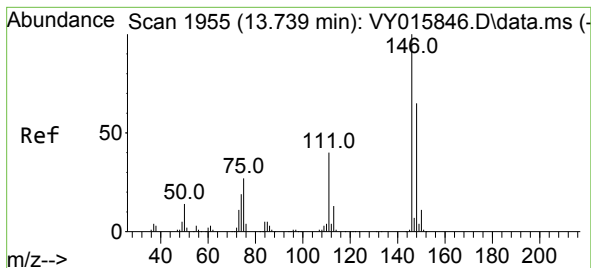
Tgt Ion: 117 Resp: 37429

Ion Ratio Lower Upper

117 100

201 73.8 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 20.424 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY015845.D

Acq: 05 Oct 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

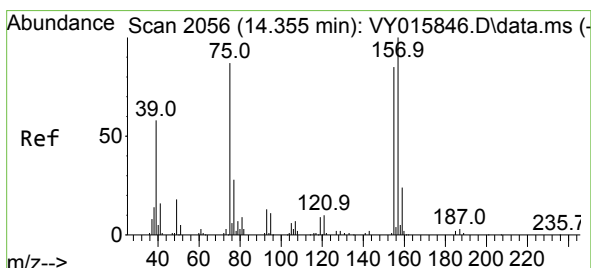
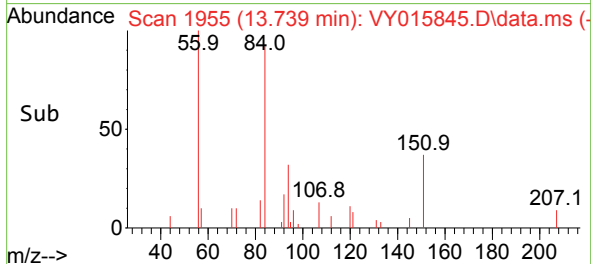
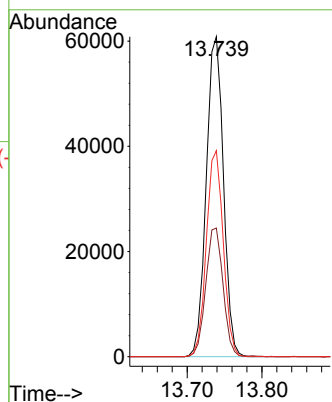
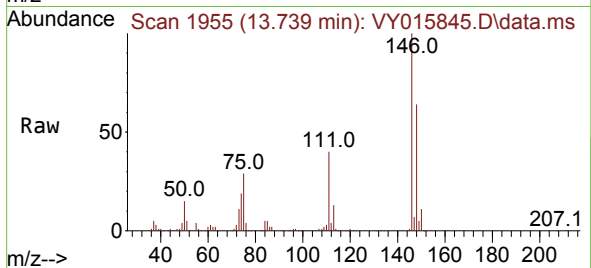
Tgt Ion:146 Resp: 97018

Ion Ratio Lower Upper

146 100

111 40.5 19.7 59.0

148 63.2 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.660 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY015845.D

Acq: 05 Oct 2023 13:09

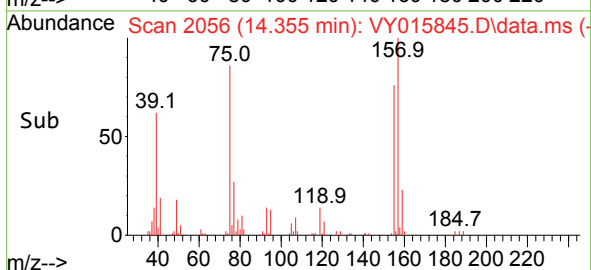
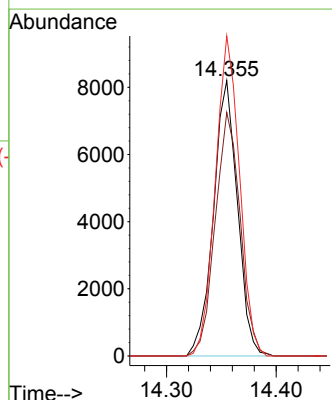
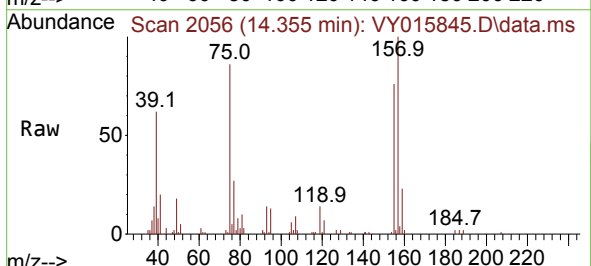
Tgt Ion: 75 Resp: 12470

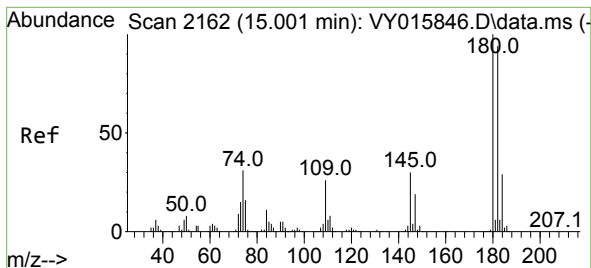
Ion Ratio Lower Upper

75 100

155 91.8 41.5 124.6

157 116.8 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.095 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015845.D

Acq: 05 Oct 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

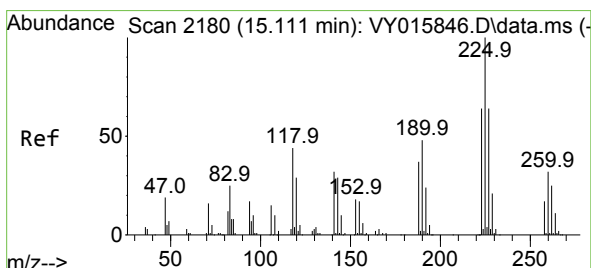
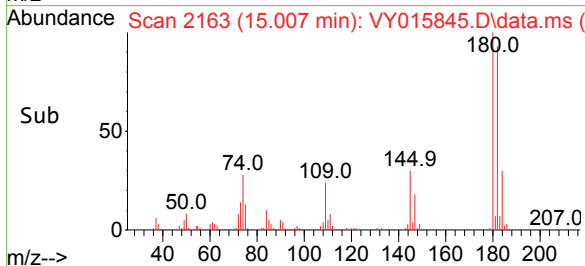
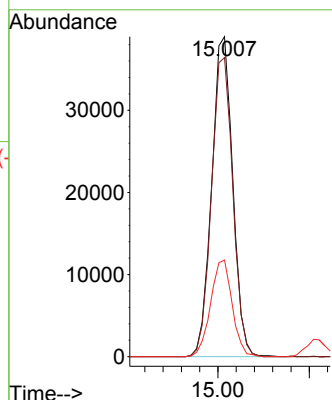
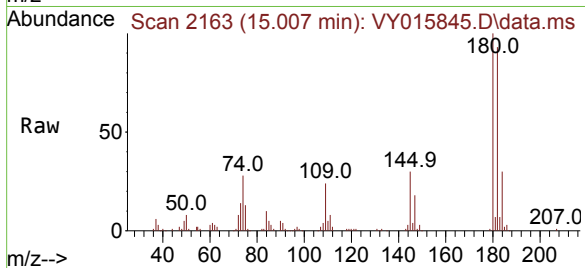
Tgt Ion:180 Resp: 62127

Ion Ratio Lower Upper

180 100

182 94.9 47.0 141.2

145 31.0 14.5 43.5



#94

Hexachlorobutadiene

Concen: 20.608 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015845.D

Acq: 05 Oct 2023 13:09

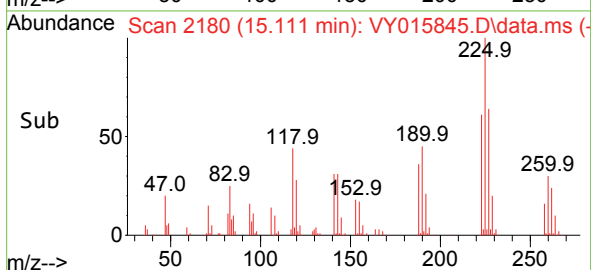
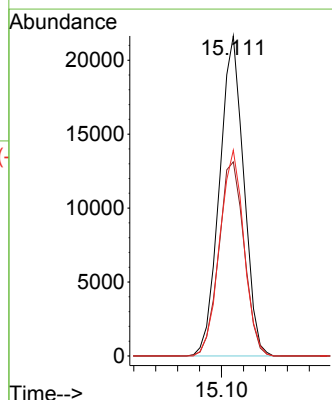
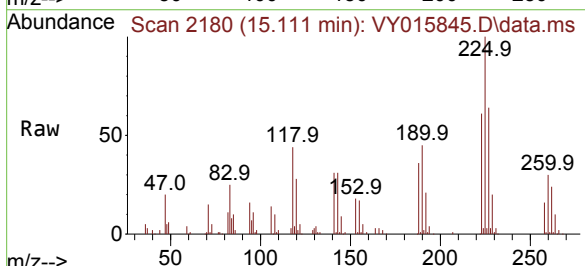
Tgt Ion:225 Resp: 33198

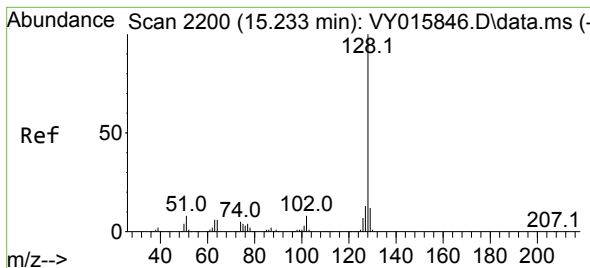
Ion Ratio Lower Upper

225 100

223 63.5 31.9 95.9

227 64.3 33.0 98.9

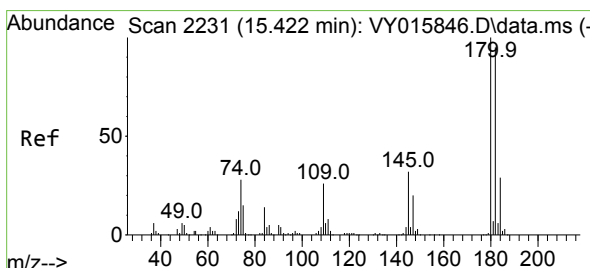
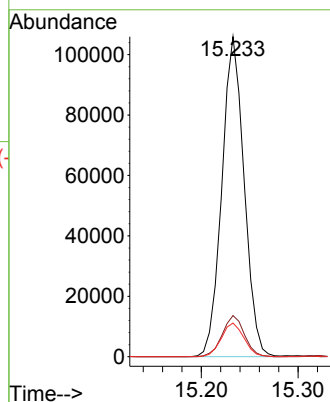
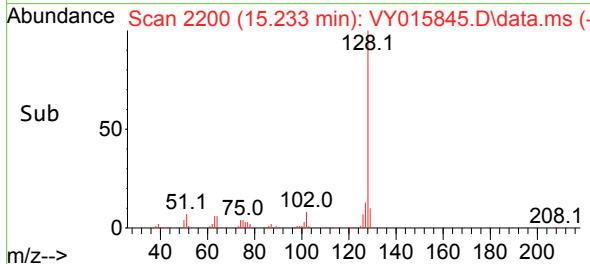
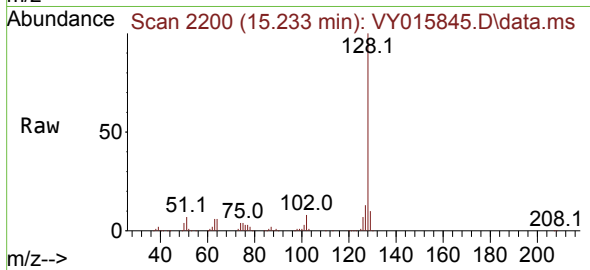




#95
Naphthalene
Concen: 20.512 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY015845.D
Acq: 05 Oct 2023 13:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 169098
Ion Ratio Lower Upper
128 100
127 12.8 10.8 16.2
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.898 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY015845.D
Acq: 05 Oct 2023 13:09

Tgt Ion:180 Resp: 57640
Ion Ratio Lower Upper
180 100
182 95.4 47.3 141.8
145 32.4 15.4 46.2

