

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042623\
 Data File : VY013483.D
 Acq On : 26 Apr 2023 19:00
 Operator : KP/MD
 Sample : 02401-02MS
 Misc : 4.93g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20230200-2-2MS

Quant Time: Apr 27 01:36:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	127245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	202639	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	158571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	55684	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	79824	57.226	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.460%	
35) Dibromofluoromethane	7.716	113	68606	53.829	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.660%	
50) Toluene-d8	10.179	98	217212	47.908	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.820%	
62) 4-Bromofluorobenzene	12.477	95	61403	40.172	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 80.340%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	74821	61.851	ug/l	96
3) Chloromethane	2.113	50	101764	62.759	ug/l	99
4) Vinyl Chloride	2.253	62	101170	62.662	ug/l	99
5) Bromomethane	2.656	94	79220	61.573	ug/l	97
6) Chloroethane	2.796	64	67152	60.206	ug/l	97
7) Trichlorofluoromethane	3.131	101	137529	56.230	ug/l	98
8) Diethyl Ether	3.527	74	48510	58.243	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.905	101	71267	51.947	ug/l	94
10) Methyl Iodide	4.088	142	77582	45.024	ug/l	98
11) Tert butyl alcohol	4.978	59	39617	252.153	ug/l	99
12) 1,1-Dichloroethene	3.875	96	70419	53.249	ug/l	88
13) Acrolein	3.723	56	246	Below Cal	#	58
14) Allyl chloride	4.478	41	115471	47.058	ug/l	94
15) Acrylonitrile	5.161	53	137930	295.700	ug/l	97
16) Acetone	3.942	43	150552	274.070	ug/l	95
17) Carbon Disulfide	4.198	76	219521	51.102	ug/l	99
18) Methyl Acetate	4.472	43	143299	78.984	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	229177	60.028	ug/l	99
20) Methylene Chloride	4.722	84	93418	55.112	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	75820	52.437	ug/l	95
22) Diisopropyl ether	6.118	45	294863	61.480	ug/l	96
23) Vinyl Acetate	6.057	43	690308	254.207	ug/l	95
24) 1,1-Dichloroethane	6.015	63	157817	59.040	ug/l	96
25) 2-Butanone	6.984	43	210101	301.584	ug/l	92
26) 2,2-Dichloropropane	6.978	77	129142	56.067	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	90314	56.532	ug/l	94
28) Bromochloromethane	7.332	49	56244	59.294	ug/l #	78
29) Tetrahydrofuran	7.350	42	135012	311.335	ug/l	91
30) Chloroform	7.502	83	158093	59.486	ug/l	97
31) Cyclohexane	7.783	56	104492	41.840	ug/l	93
32) 1,1,1-Trichloroethane	7.697	97	134236	56.602	ug/l	94
36) 1,1-Dichloropropene	7.917	75	111549	52.736	ug/l	96
37) Ethyl Acetate	7.069	43	88020	55.297	ug/l	95
38) Carbon Tetrachloride	7.899	117	113484	51.188	ug/l	97
39) Methylcyclohexane	9.185	83	80128	32.133	ug/l	95
40) Benzene	8.161	78	331553	55.645	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	127550	171.957	ug/l #	21
42) 1,2-Dichloroethane	8.240	62	119613	61.404	ug/l	98
43) Isopropyl Acetate	8.270	43	161542	60.125	ug/l	96
44) Trichloroethene	8.941	130	80880	51.031	ug/l	97
45) 1,2-Dichloropropane	9.215	63	88906	57.068	ug/l	99
46) Dibromomethane	9.307	93	53851	57.771	ug/l	92
47) Bromodichloromethane	9.496	83	120126	57.592	ug/l	99
48) Methyl methacrylate	9.295	41	79206	64.190	ug/l	92
49) 1,4-Dioxane	9.313	88	14463	1086.383	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	477473	318.915	ug/l	96
52) Toluene	10.246	92	189400	52.823	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	117265	53.122	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	129961	52.321	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	75174	60.898	ug/l	97
56) Ethyl methacrylate	10.508	69	103315	60.327	ug/l	86
57) 1,3-Dichloropropane	10.788	76	125257	59.914	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	181314	282.335	ug/l	93
59) 2-Hexanone	10.831	43	343038	315.197	ug/l	95
60) Dibromochloromethane	10.983	129	84431	56.329	ug/l	99
61) 1,2-Dibromoethane	11.087	107	69819	57.528	ug/l	99
64) Tetrachloroethene	10.721	164	63472	52.640	ug/l	98
65) Chlorobenzene	11.514	112	183258	53.052	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	73913	57.213	ug/l	100
67) Ethyl Benzene	11.593	91	301909	49.773	ug/l	100
68) m/p-Xylenes	11.703	106	225483	97.785	ug/l	96
69) o-Xylene	12.026	106	107047	49.086	ug/l	96
70) Styrene	12.044	104	181027	49.646	ug/l	99
71) Bromoform	12.209	173	53834	59.492	ug/l #	100
73) Isopropylbenzene	12.331	105	237646	56.425	ug/l	99
74) N-amyl acetate	12.142	43	96132	64.140	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	89832	87.261	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	108542	144.537	ug/l #	100
77) Bromobenzene	12.605	156	67763	66.400	ug/l	84
78) n-propylbenzene	12.672	91	265022	51.086	ug/l	97
79) 2-Chlorotoluene	12.751	91	163521	56.445	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	170602	49.628	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	26111	71.124	ug/l	94
82) 4-Chlorotoluene	12.855	91	171260	56.719	ug/l	96
83) tert-Butylbenzene	13.074	119	135116	45.368	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	167577	50.140	ug/l	99
85) sec-Butylbenzene	13.251	105	181641	40.638	ug/l	95
86) p-Isopropyltoluene	13.367	119	140198	39.004	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	94773	48.745	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	98572	50.189	ug/l	98
89) n-Butylbenzene	13.696	91	116490	33.205	ug/l	98
90) Hexachloroethane	13.958	117	26251	34.700	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	91219	51.955	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13588	74.735	ug/l	97
93) 1,2,4-Trichlorobenzene	15.001	180	26436	25.255	ug/l	98
94) Hexachlorobutadiene	15.111	225	11925	19.575	ug/l	96
95) Naphthalene	15.233	128	113311	49.890	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	23501	25.189	ug/l	96

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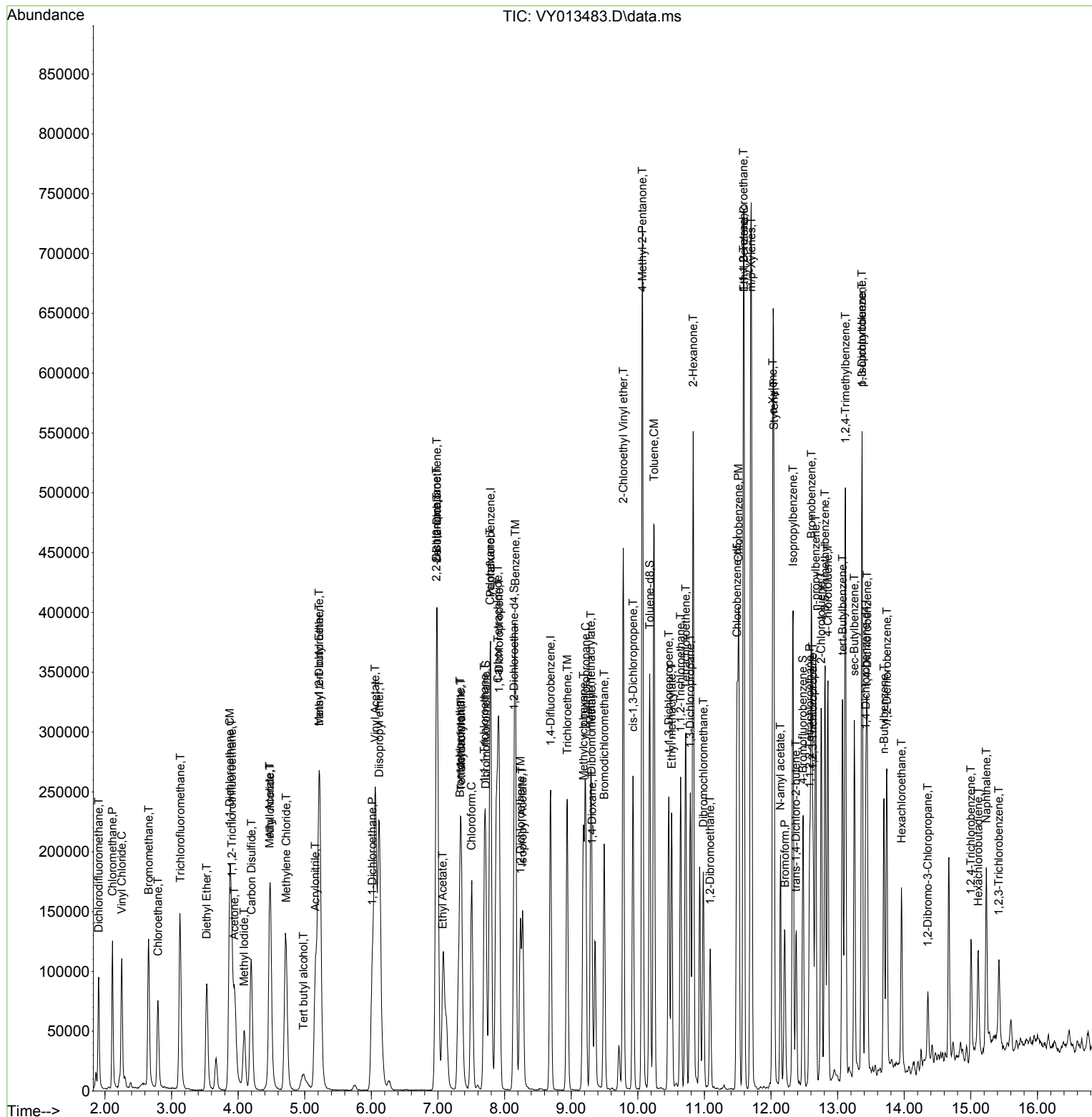
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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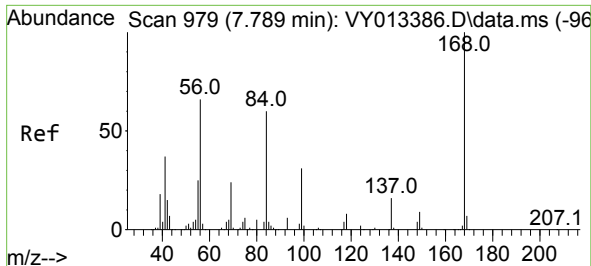
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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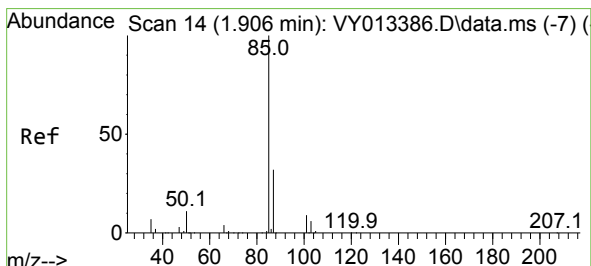
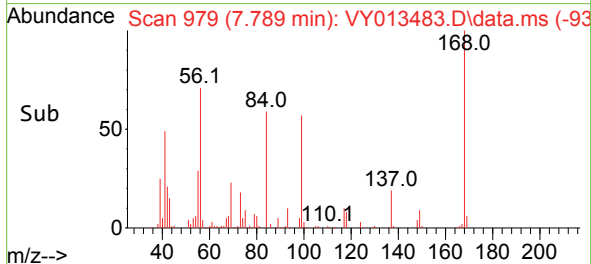
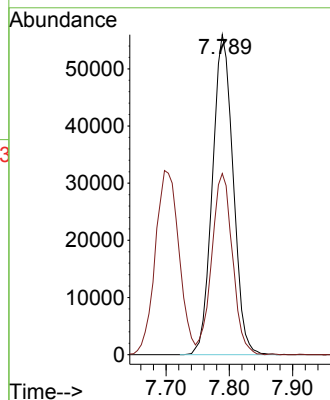
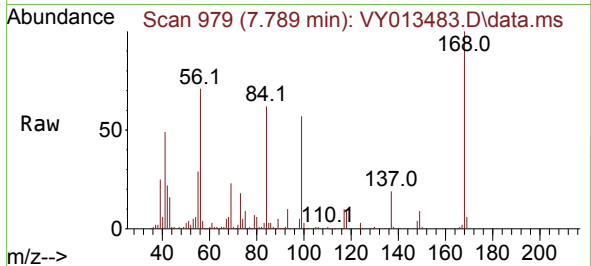




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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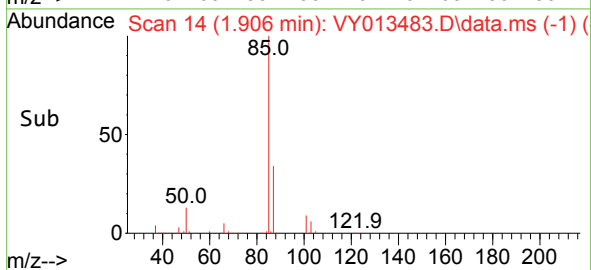
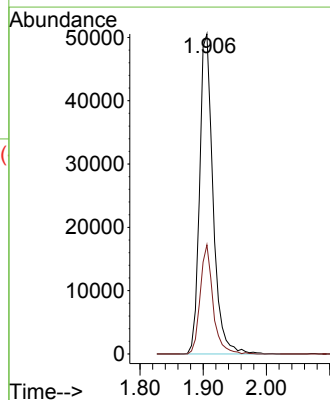
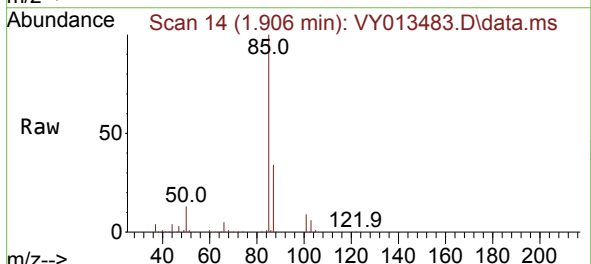
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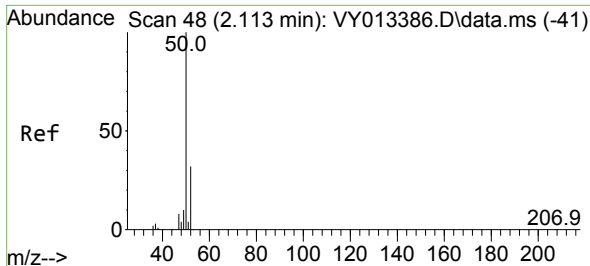
Tgt Ion:168 Resp: 127245
Ion Ratio Lower Upper
168 100
99 56.6 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 61.851 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

Tgt Ion: 85 Resp: 74821
Ion Ratio Lower Upper
85 100
87 34.1 16.1 48.2

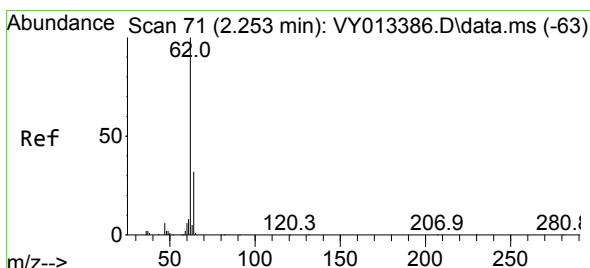
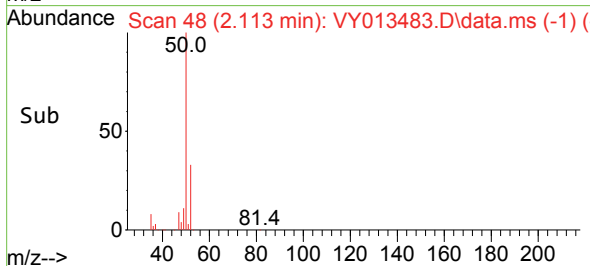
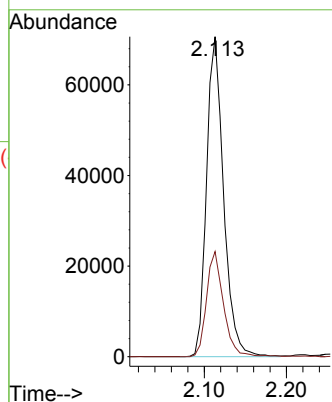
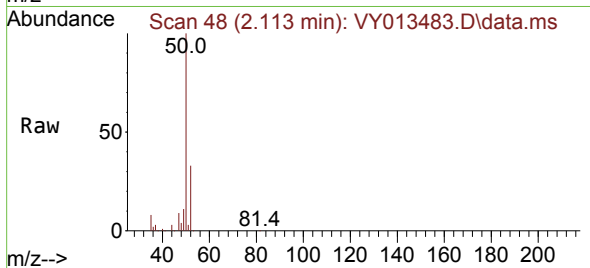




#3
Chloromethane
Concen: 62.759 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

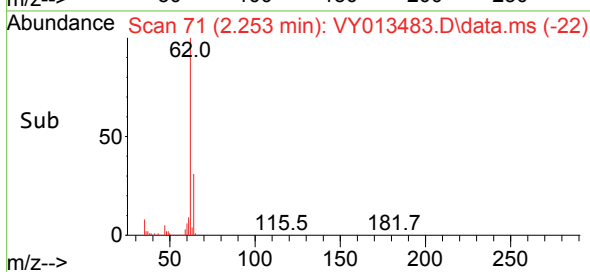
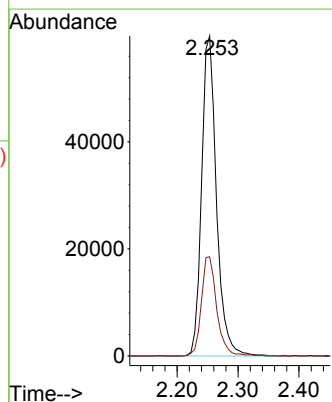
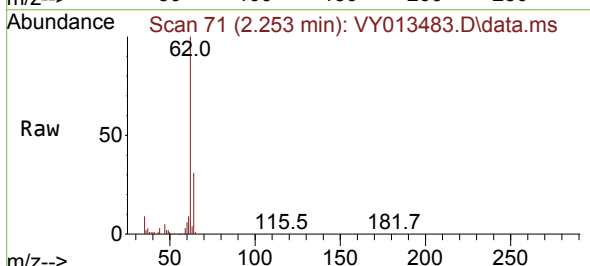
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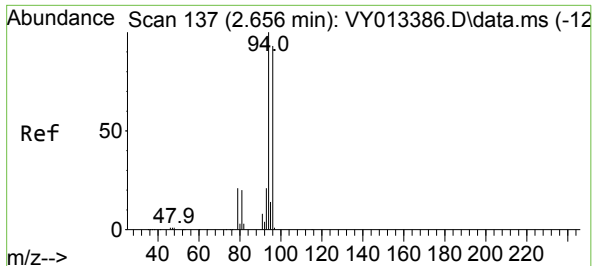
Tgt Ion: 50 Resp: 101764
Ion Ratio Lower Upper
50 100
52 32.9 25.9 38.9



#4
Vinyl Chloride
Concen: 62.662 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

Tgt Ion: 62 Resp: 101170
Ion Ratio Lower Upper
62 100
64 31.0 25.4 38.0

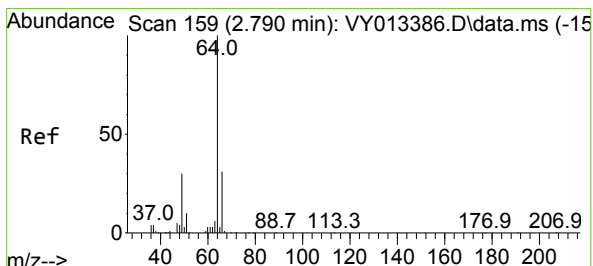
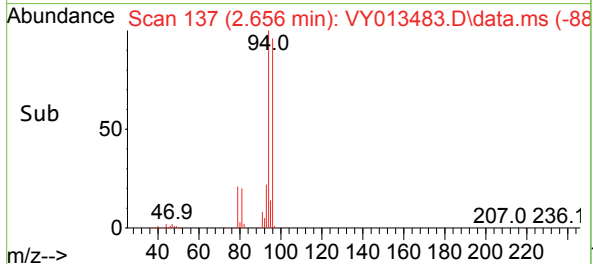
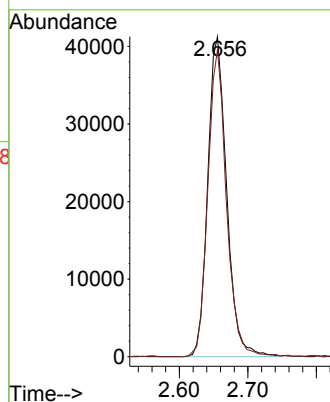
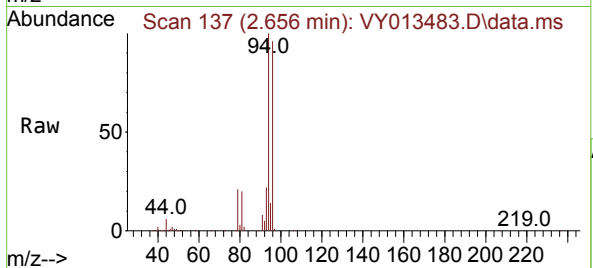




#5
Bromomethane
Concen: 61.573 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013483.D
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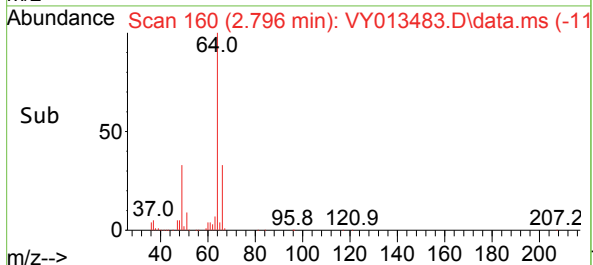
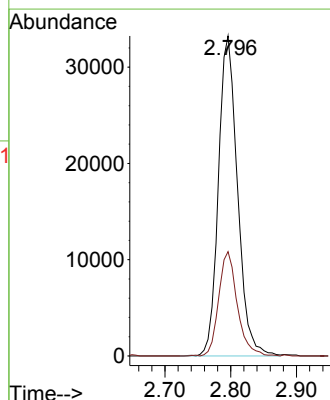
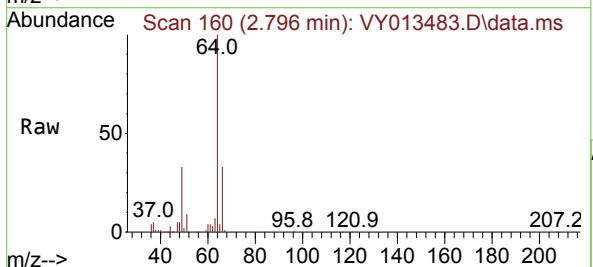
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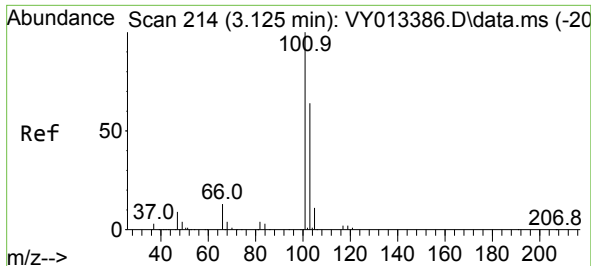
Tgt Ion: 94 Resp: 79220
Ion Ratio Lower Upper
94 100
96 96.0 74.2 111.2



#6
Chloroethane
Concen: 60.206 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

Tgt Ion: 64 Resp: 67152
Ion Ratio Lower Upper
64 100
66 32.6 24.6 37.0

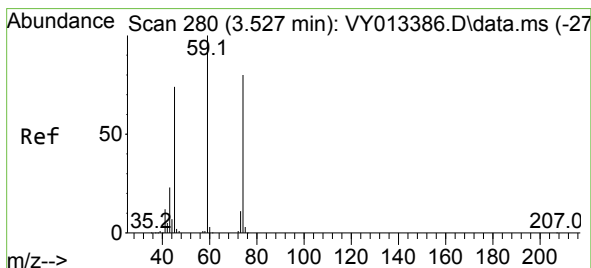
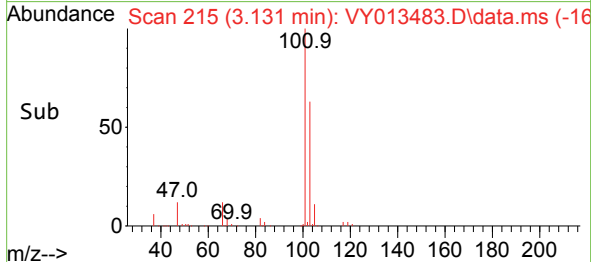
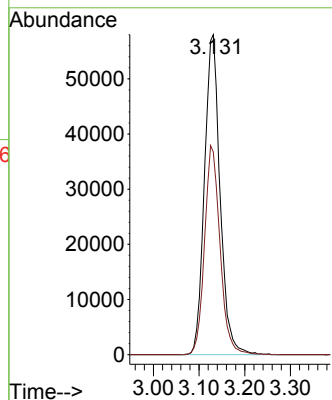
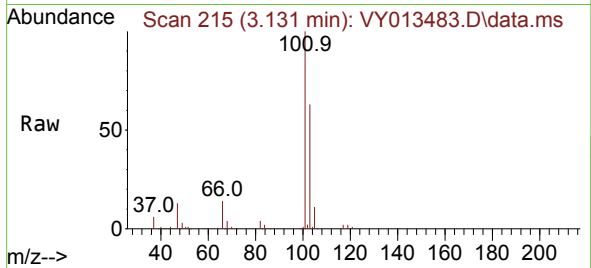




#7
Trichlorofluoromethane
Concen: 56.230 ug/l
RT: 3.131 min Scan# 214
Delta R.T. 0.006 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

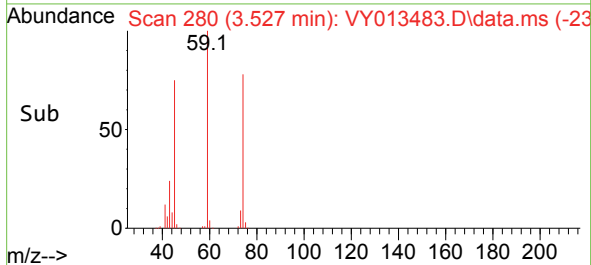
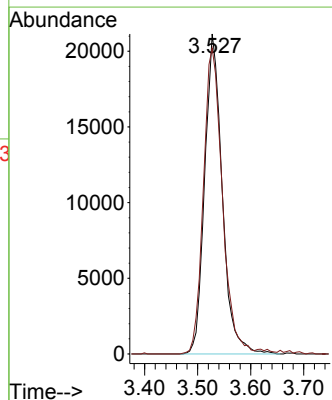
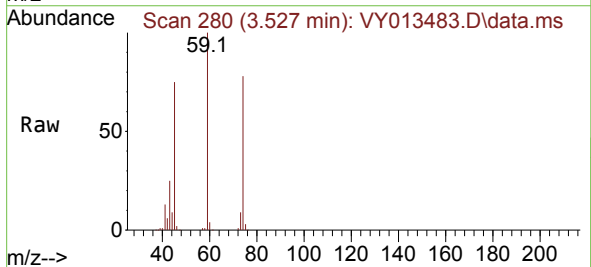
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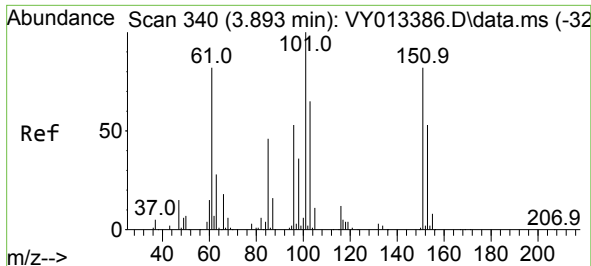
Tgt Ion:101 Resp: 137529
Ion Ratio Lower Upper
101 100
103 63.3 51.6 77.4



#8
Diethyl Ether
Concen: 58.243 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

Tgt Ion: 74 Resp: 48510
Ion Ratio Lower Upper
74 100
45 103.1 48.2 144.6

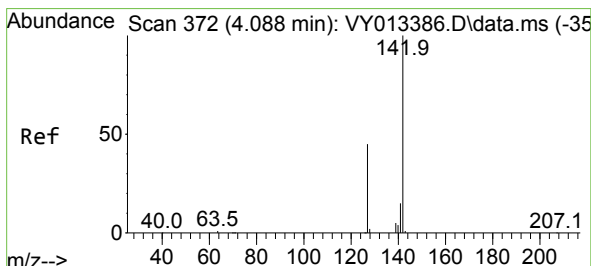
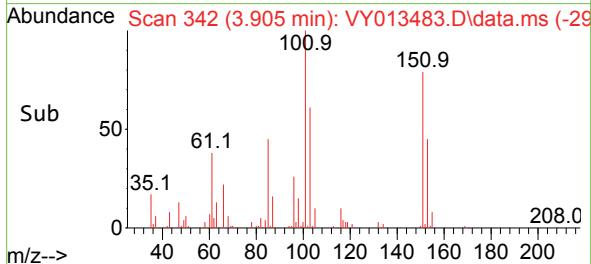
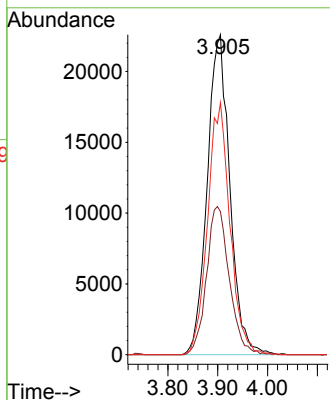
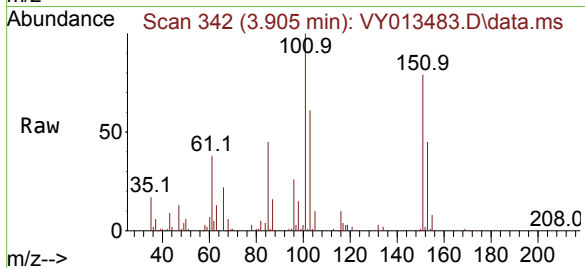




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.947 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

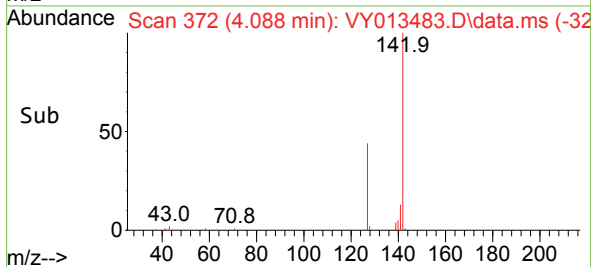
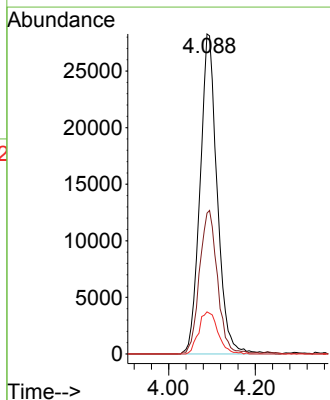
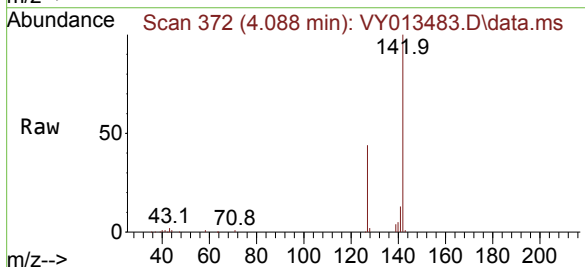
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MS

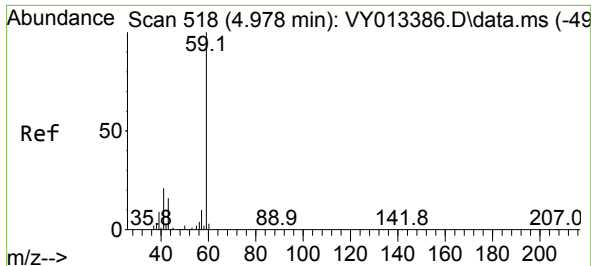
Tgt Ion:101 Resp: 71267
Ion Ratio Lower Upper
101 100
85 46.7 35.6 53.4
151 78.0 68.0 102.0



#10
Methyl Iodide
Concen: 45.024 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

Tgt Ion:142 Resp: 77582
Ion Ratio Lower Upper
142 100
127 47.0 36.1 54.1
141 14.8 11.6 17.4

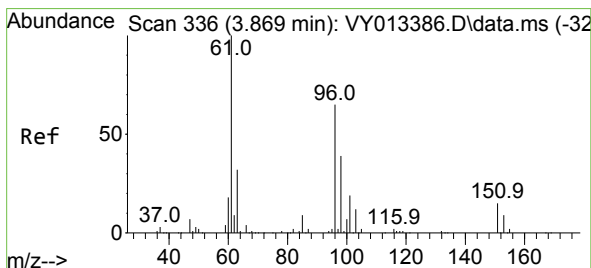
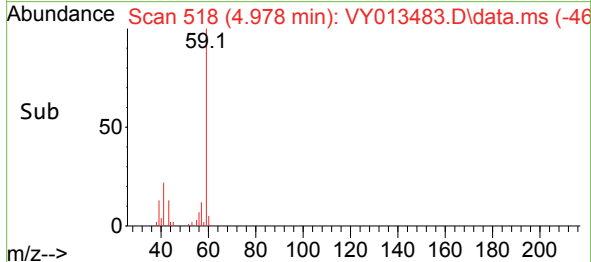
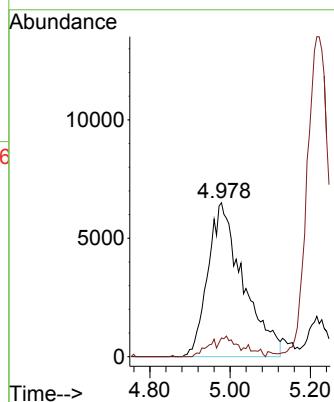
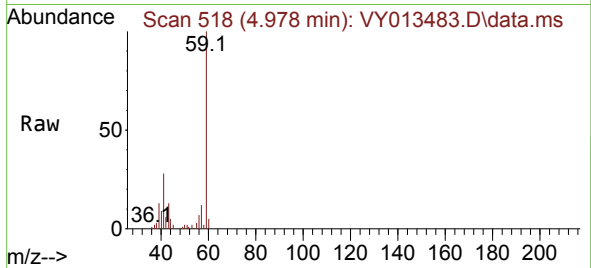




#11
Tert butyl alcohol
Concen: 252.153 ug/l
RT: 4.978 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

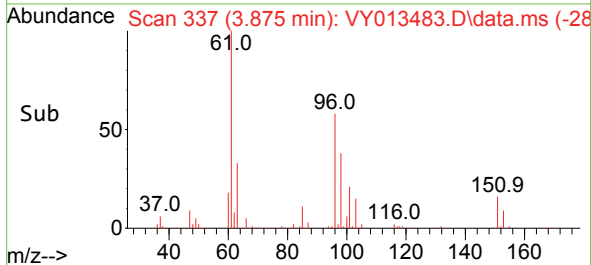
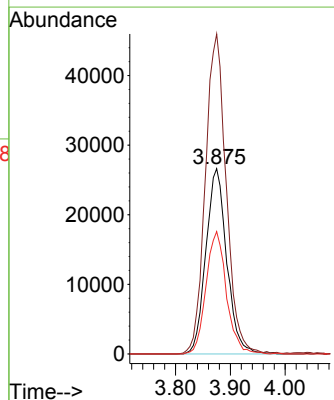
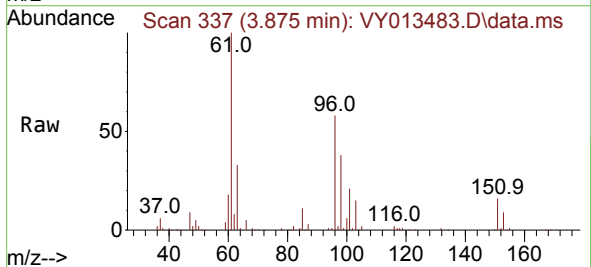
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MS

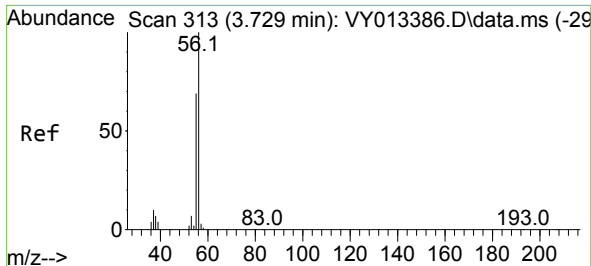
Tgt Ion: 59 Resp: 39617
Ion Ratio Lower Upper
59 100
57 3.9 3.0 4.4



#12
1,1-Dichloroethene
Concen: 53.249 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

Tgt Ion: 96 Resp: 70419
Ion Ratio Lower Upper
96 100
61 172.5 123.9 185.9
98 66.1 48.9 73.3

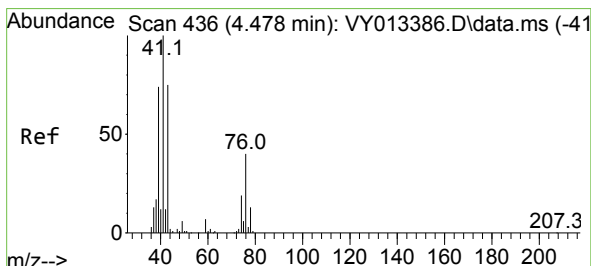
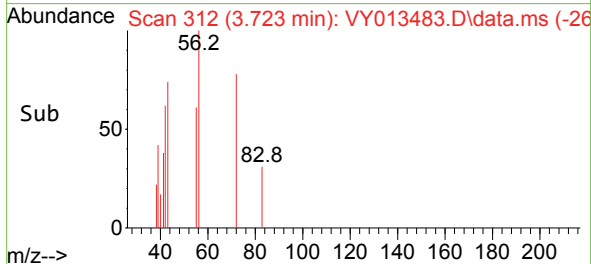
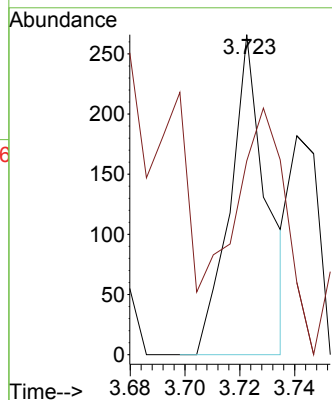
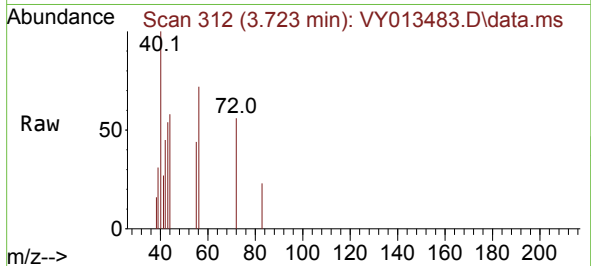




#13
Acrolein
Concen: Below Cal
RT: 3.723 min Scan# 313
Delta R.T. -0.006 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

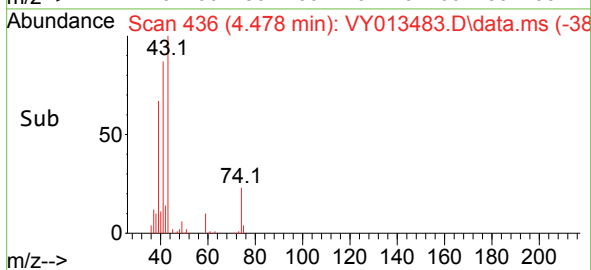
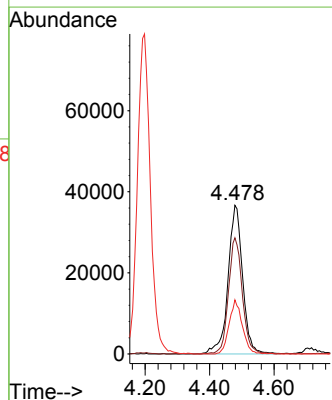
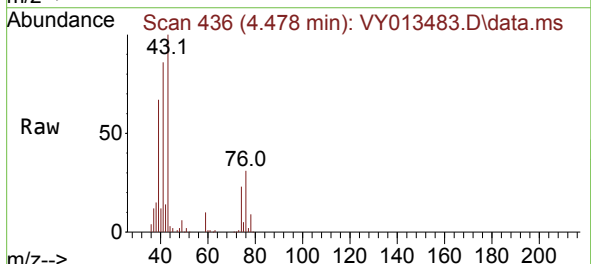
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MS

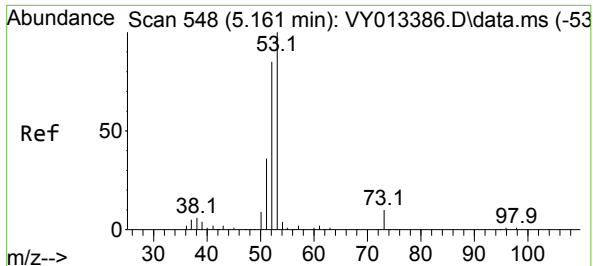
Tgt Ion: 56 Resp: 246
Ion Ratio Lower Upper
56 100
55 101.2 54.1 81.1#



#14
Allyl chloride
Concen: 47.058 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

Tgt Ion: 41 Resp: 115471
Ion Ratio Lower Upper
41 100
39 74.1 56.6 85.0
76 32.7 30.5 45.7





#15

Acrylonitrile

Concen: 295.700 ug/l

RT: 5.161 min Scan# 54

Delta R.T. 0.000 min

Lab File: VY013483.D

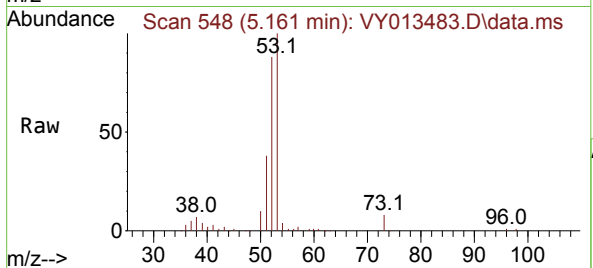
Acq: 26 Apr 2023 19:00

Instrument :

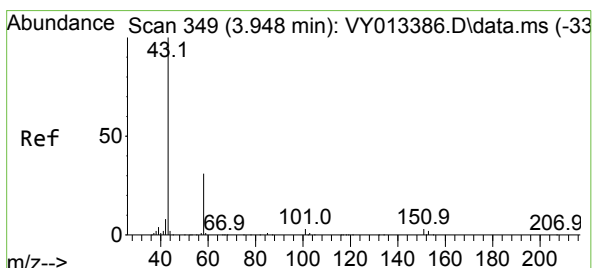
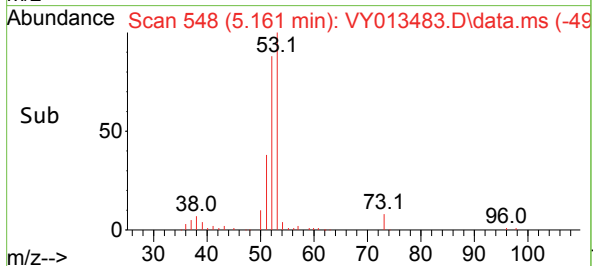
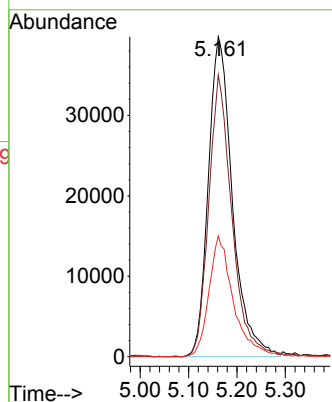
MSVOA_Y

ClientSampleId :

20230200-2-2MS



Tgt Ion:	53	Resp:	137930
Ion	Ratio	Lower	Upper
53	100		
52	84.8	65.4	98.0
51	38.4	29.3	43.9



#16

Acetone

Concen: 274.070 ug/l

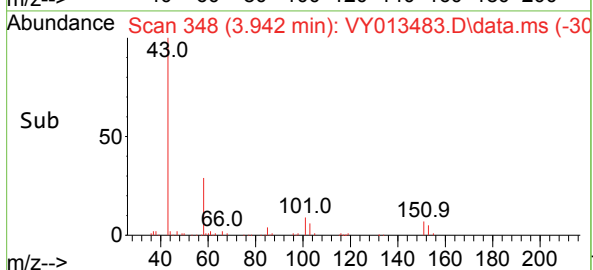
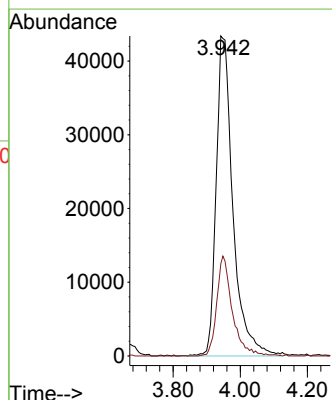
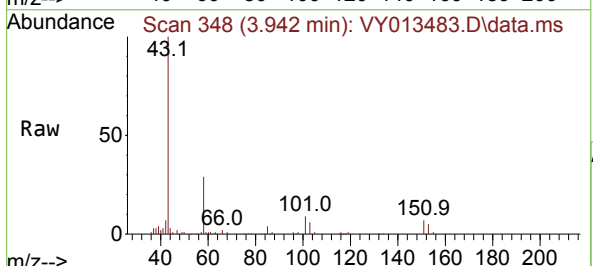
RT: 3.942 min Scan# 348

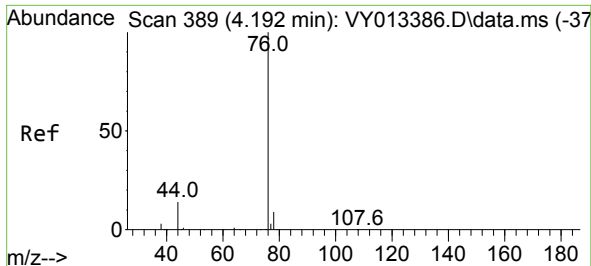
Delta R.T. -0.006 min

Lab File: VY013483.D

Acq: 26 Apr 2023 19:00

Tgt Ion:	43	Resp:	150552
Ion	Ratio	Lower	Upper
43	100		
58	28.8	25.4	38.0

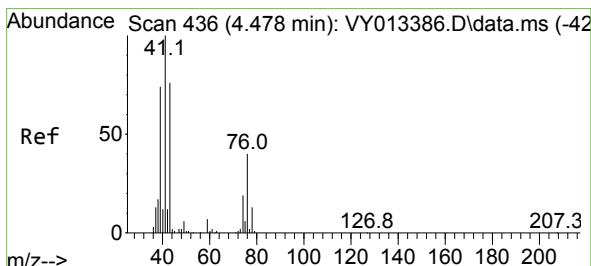
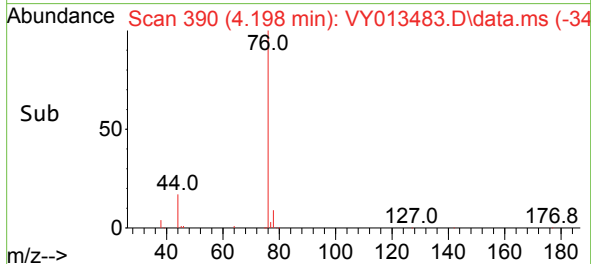
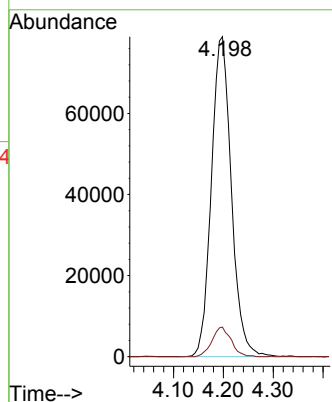
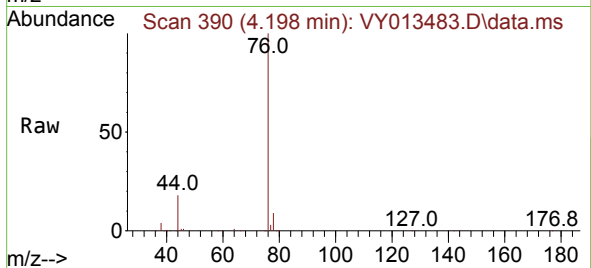




#17
Carbon Disulfide
Concen: 51.102 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

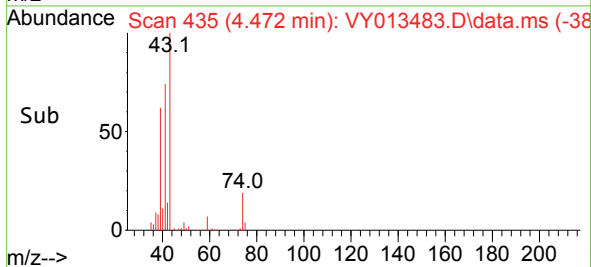
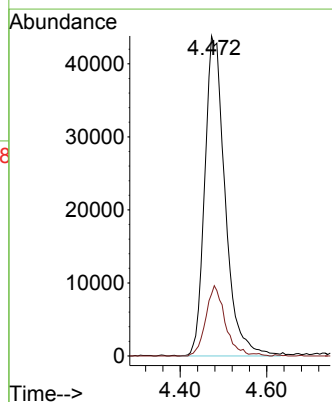
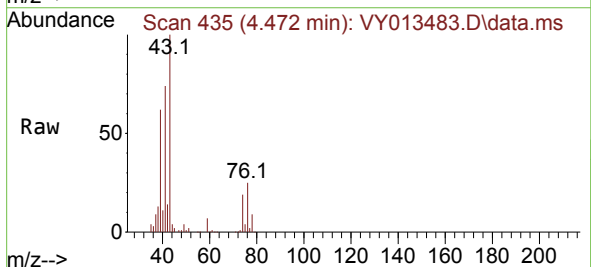
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MS

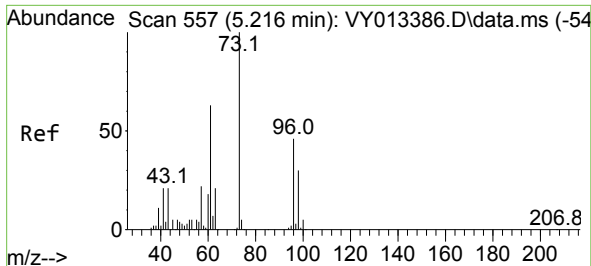
Tgt Ion: 76 Resp: 219521
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 78.984 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

Tgt Ion: 43 Resp: 143299
Ion Ratio Lower Upper
43 100
74 20.7 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 60.028 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY013483.D

Acq: 26 Apr 2023 19:00

Instrument :

MSVOA_Y

ClientSampleId :

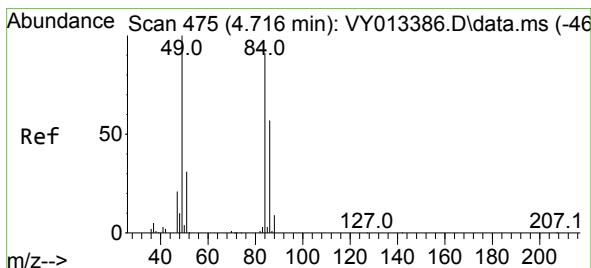
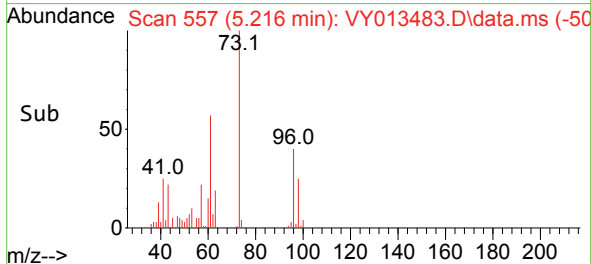
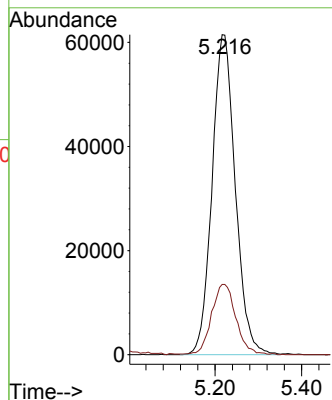
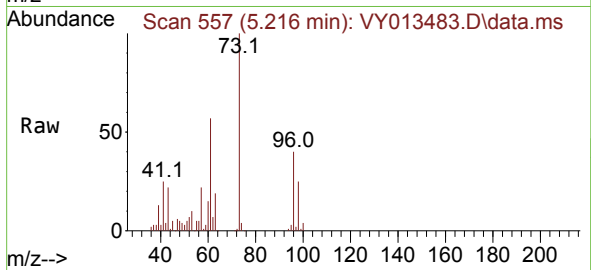
20230200-2-2MS

Tgt Ion: 73 Resp: 229177

Ion Ratio Lower Upper

73 100

57 22.0 17.8 26.8



#20

Methylene Chloride

Concen: 55.112 ug/l

RT: 4.722 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY013483.D

Acq: 26 Apr 2023 19:00

Tgt Ion: 84 Resp: 93418

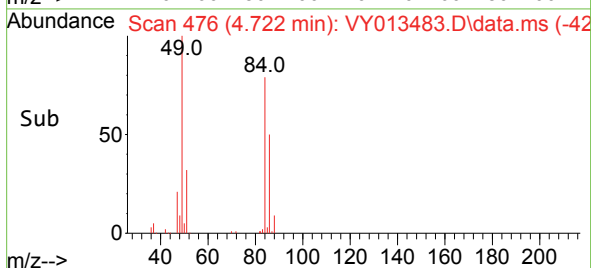
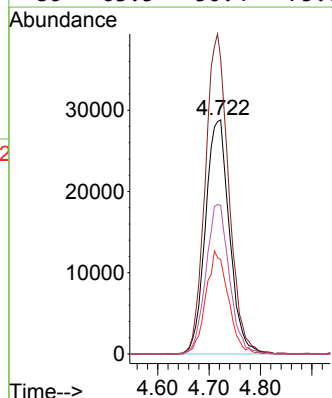
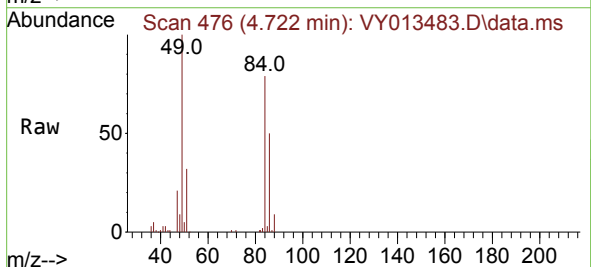
Ion Ratio Lower Upper

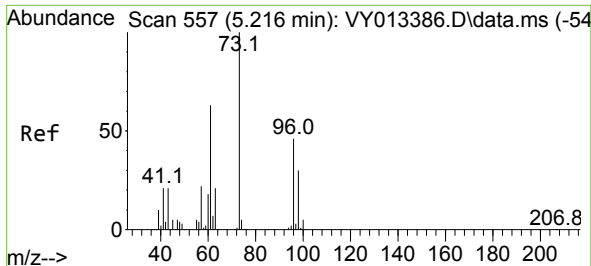
84 100

49 125.9 88.0 132.0

51 40.3 27.4 41.0

86 63.5 50.4 75.6

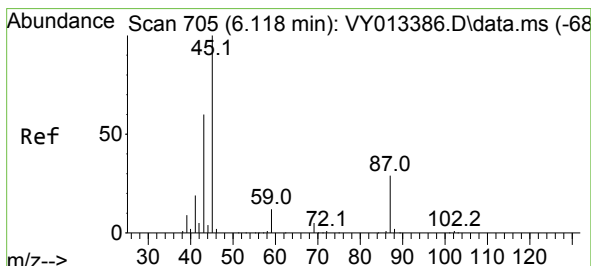
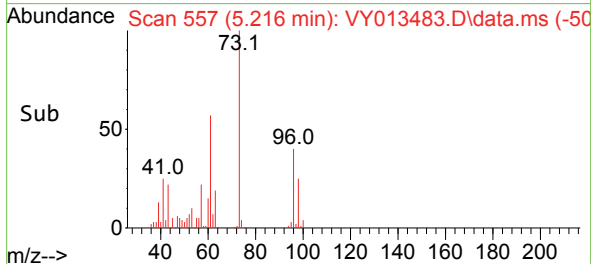
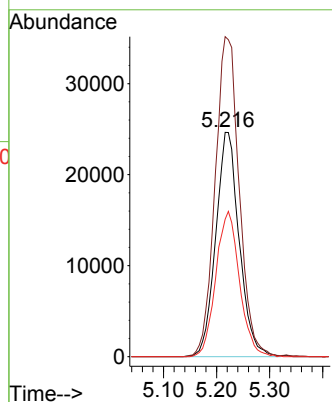
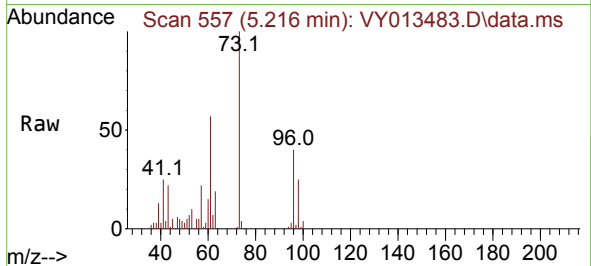




#21
trans-1,2-Dichloroethene
Concen: 52.437 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

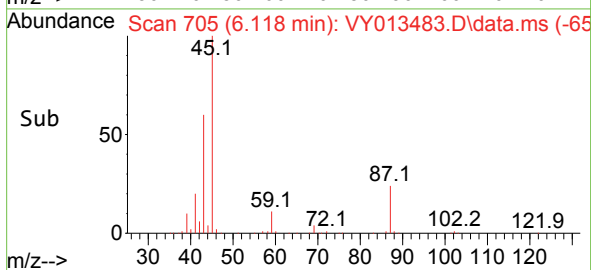
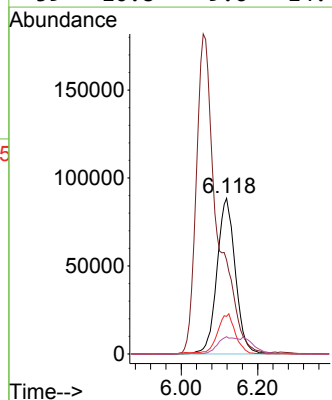
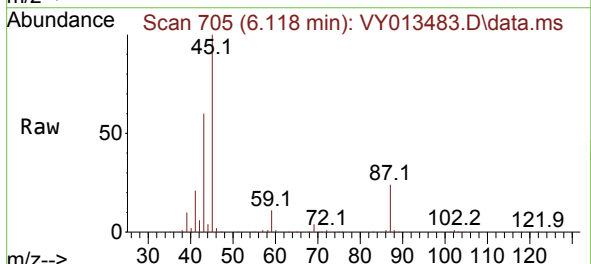
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MS

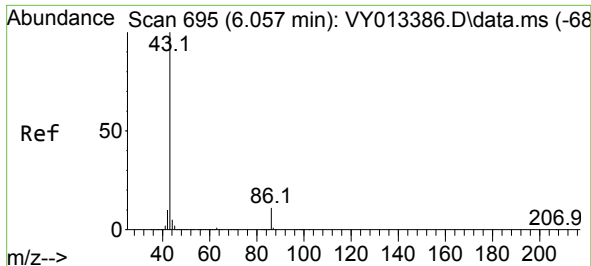
Tgt Ion: 96 Resp: 75820
Ion Ratio Lower Upper
96 100
61 142.6 110.6 165.8
98 61.3 53.1 79.7



#22
Diisopropyl ether
Concen: 61.480 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

Tgt Ion: 45 Resp: 294863
Ion Ratio Lower Upper
45 100
43 59.9 48.4 72.6
87 24.1 23.8 35.6
59 10.8 9.6 14.4

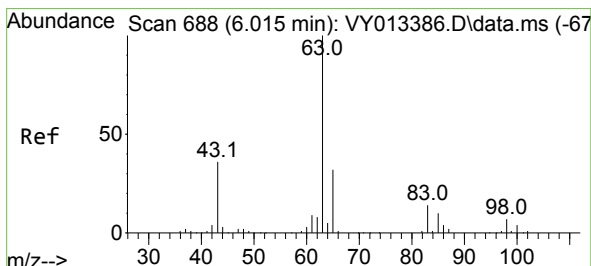
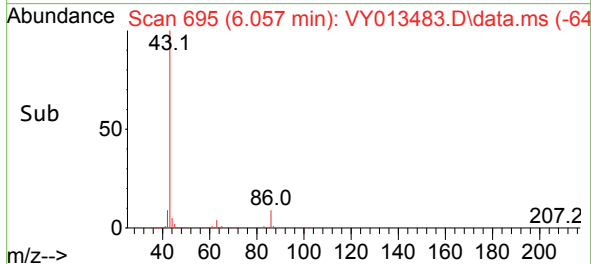
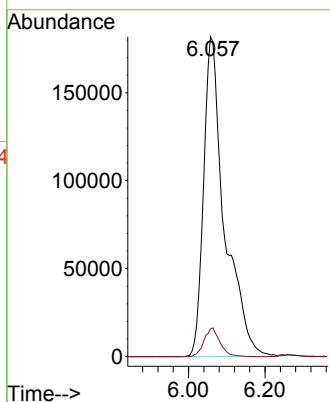
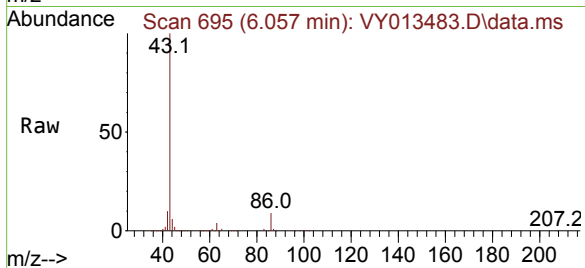




#23
 Vinyl Acetate
 Concen: 254.207 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY013483.D
 Acq: 26 Apr 2023 19:00

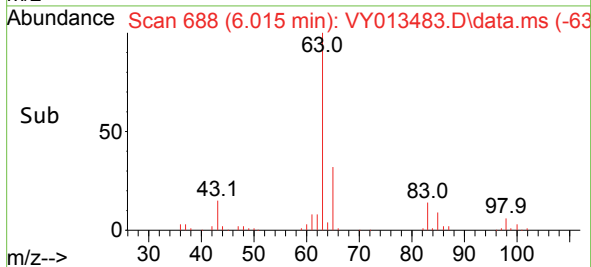
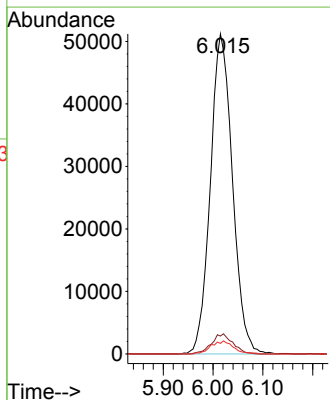
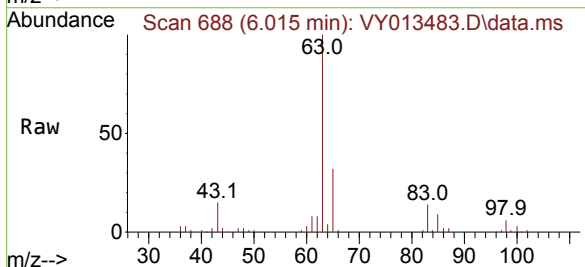
Instrument :
 MSVOA_Y
 ClientSampleId :
 20230200-2-2MS

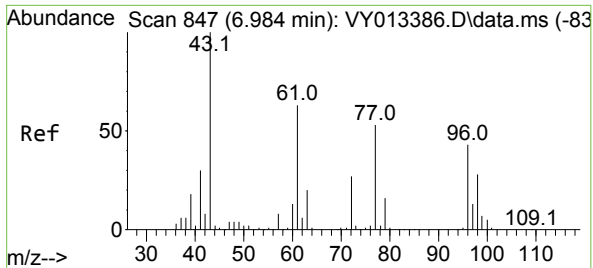
Tgt Ion: 43 Resp: 690308
 Ion Ratio Lower Upper
 43 100
 86 8.7 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 59.040 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013483.D
 Acq: 26 Apr 2023 19:00

Tgt Ion: 63 Resp: 157817
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.5 10.6
 100 3.3 2.2 6.6





#25

2-Butanone

Concen: 301.584 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013483.D

Acq: 26 Apr 2023 19:00

Instrument :

MSVOA_Y

ClientSampleId :

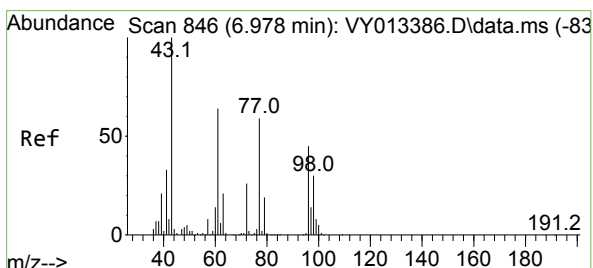
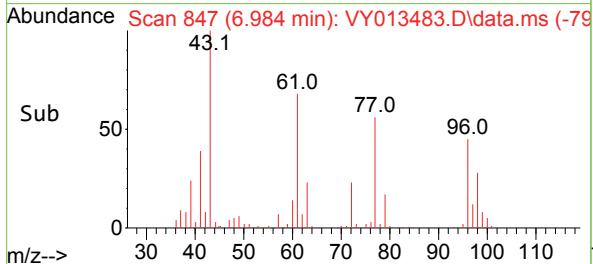
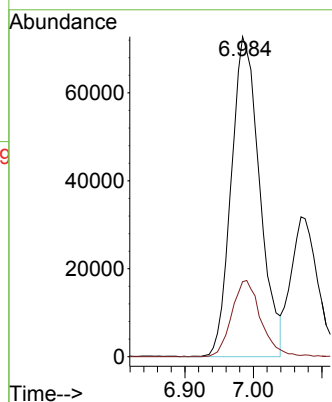
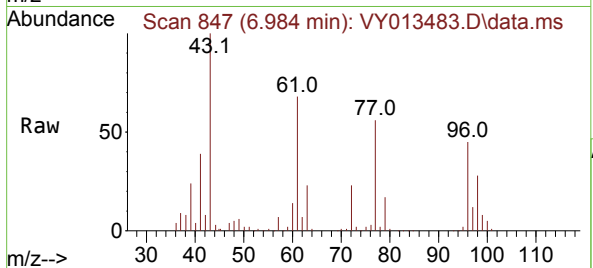
20230200-2-2MS

Tgt Ion: 43 Resp: 210101

Ion Ratio Lower Upper

43 100

72 23.5 21.9 32.9



#26

2,2-Dichloropropane

Concen: 56.067 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY013483.D

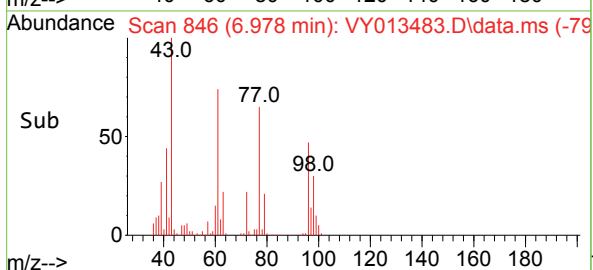
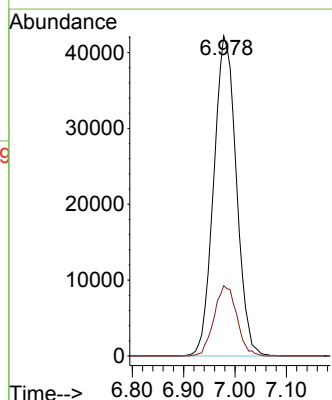
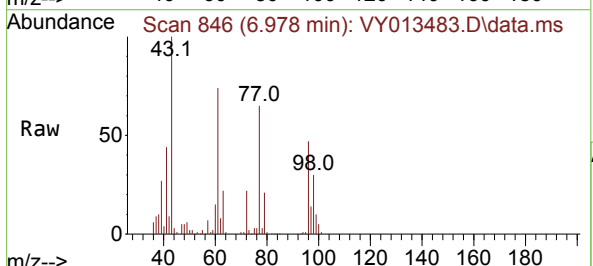
Acq: 26 Apr 2023 19:00

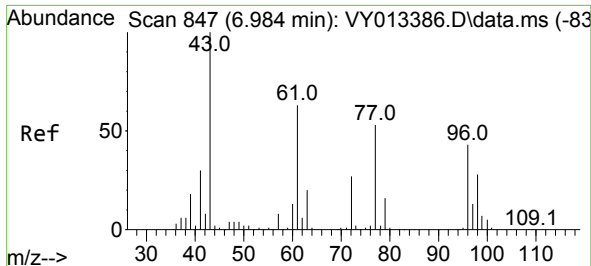
Tgt Ion: 77 Resp: 129142

Ion Ratio Lower Upper

77 100

97 22.1 11.8 35.4

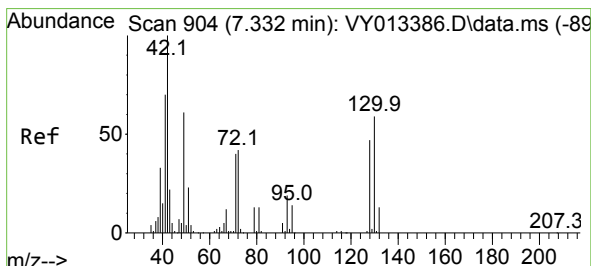
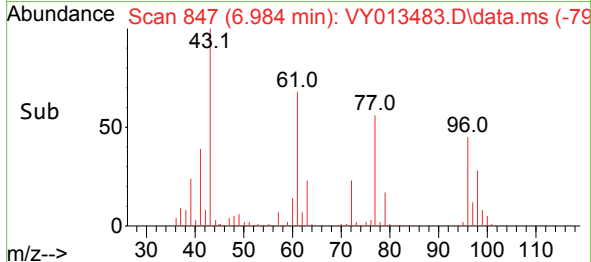
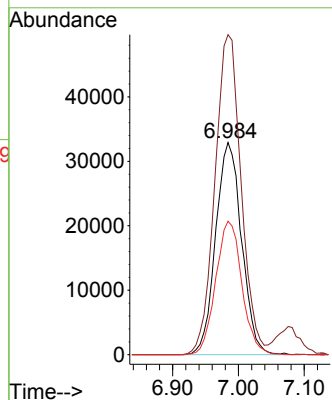
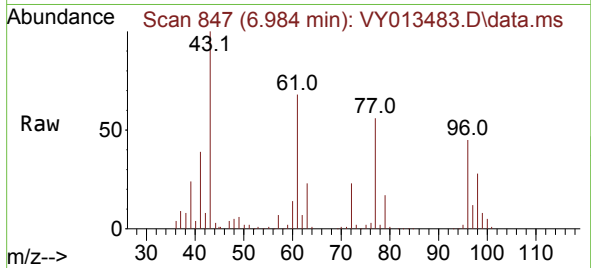




#27
 cis-1,2-Dichloroethene
 Concen: 56.532 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY013483.D
 Acq: 26 Apr 2023 19:00

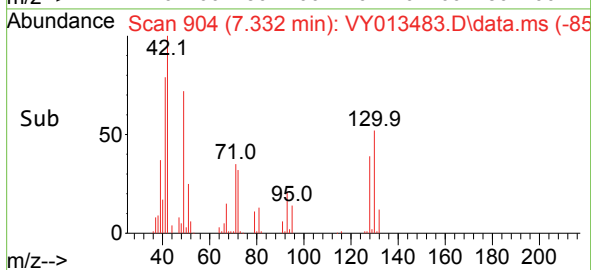
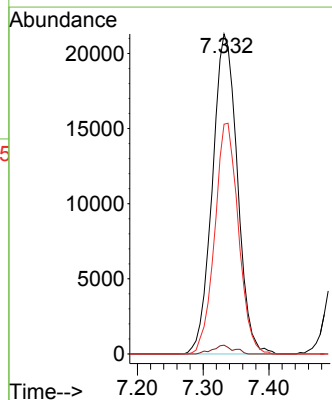
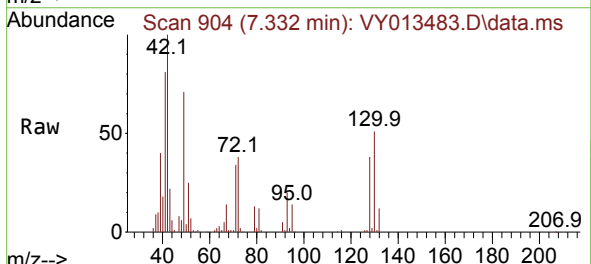
Instrument :
 MSVOA_Y
 ClientSampleId :
 20230200-2-2MS

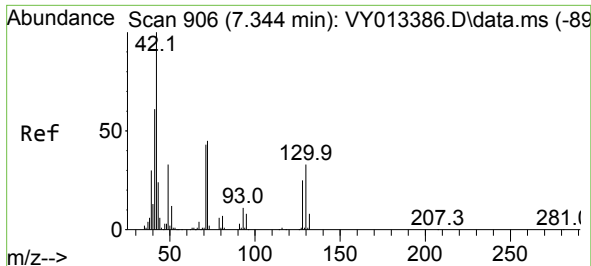
Tgt Ion: 96 Resp: 90314
 Ion Ratio Lower Upper
 96 100
 61 152.1 0.0 285.0
 98 63.5 0.0 130.6



#28
 Bromochloromethane
 Concen: 59.294 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY013483.D
 Acq: 26 Apr 2023 19:00

Tgt Ion: 49 Resp: 56244
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 5.2
 130 68.4 72.1 108.1#





#29

Tetrahydrofuran

Concen: 311.335 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013483.D

Acq: 26 Apr 2023 19:00

Instrument :

MSVOA_Y

ClientSampleId :

20230200-2-2MS

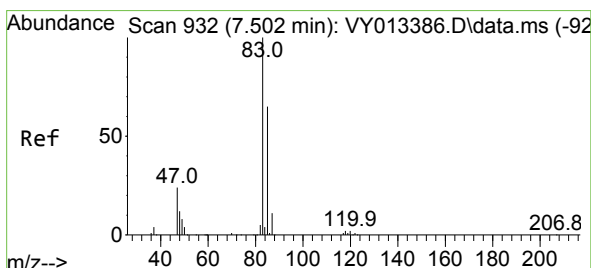
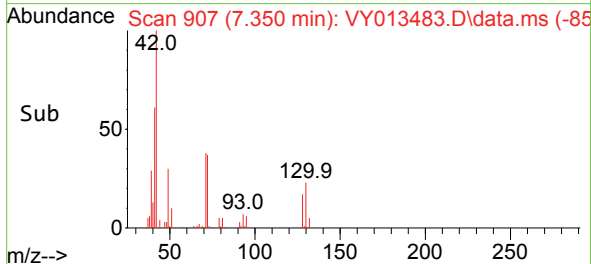
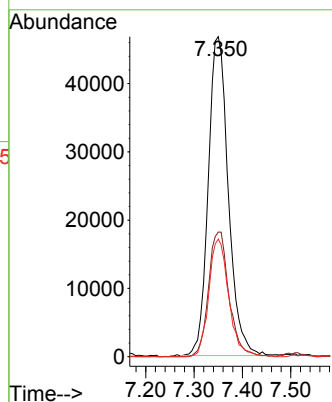
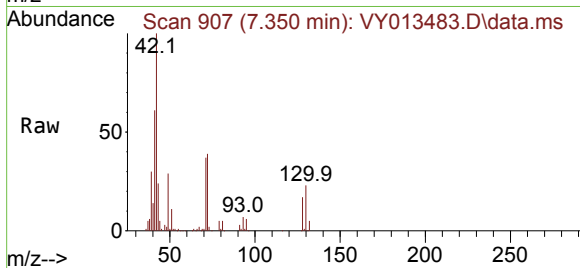
Tgt Ion: 42 Resp: 135012

Ion Ratio Lower Upper

42 100

72 39.9 35.9 53.9

71 36.5 34.3 51.5



#30

Chloroform

Concen: 59.486 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY013483.D

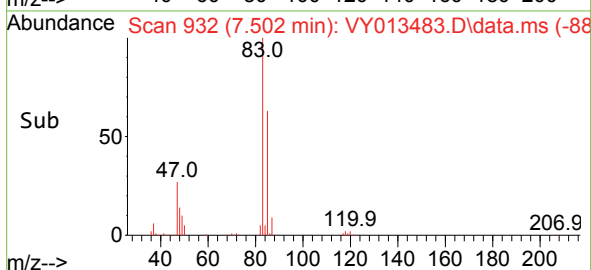
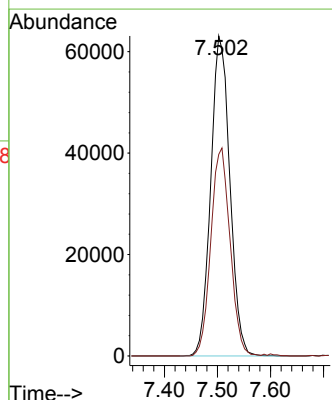
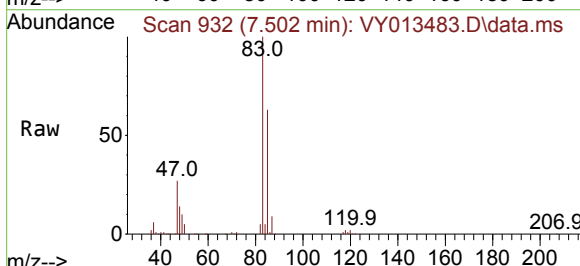
Acq: 26 Apr 2023 19:00

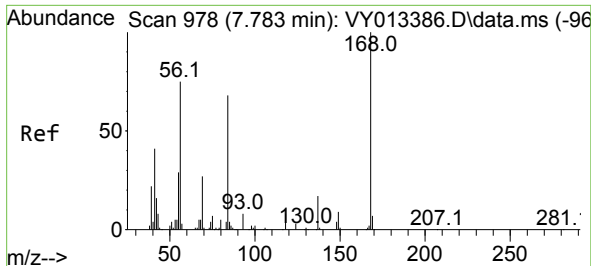
Tgt Ion: 83 Resp: 158093

Ion Ratio Lower Upper

83 100

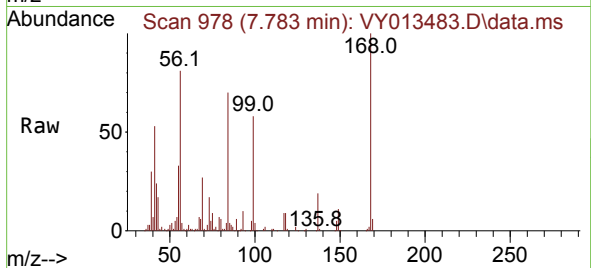
85 63.0 52.0 78.0



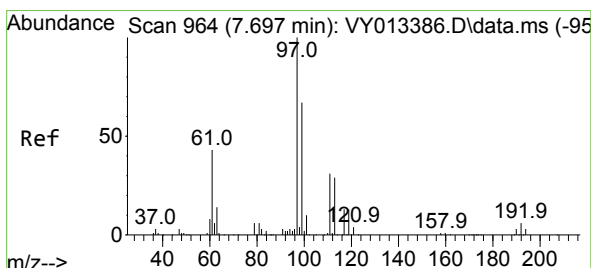
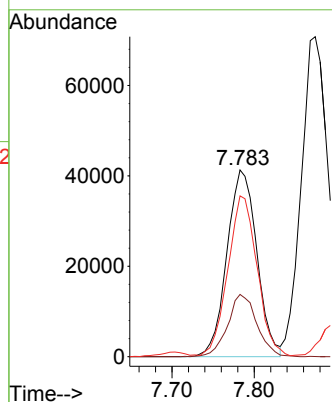
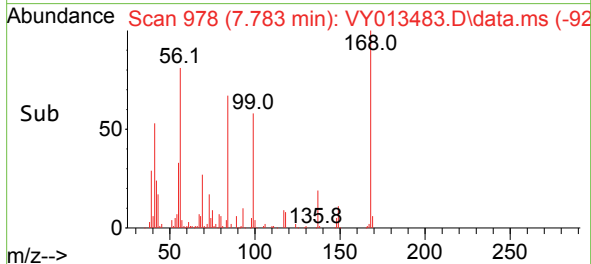


#31
Cyclohexane
Concen: 41.840 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

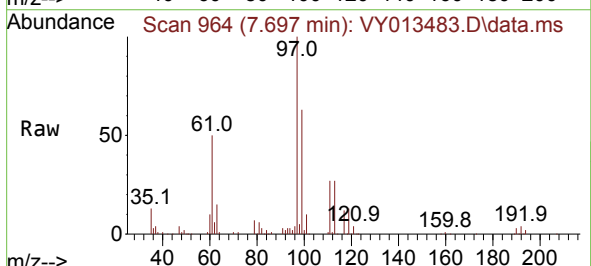
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MS



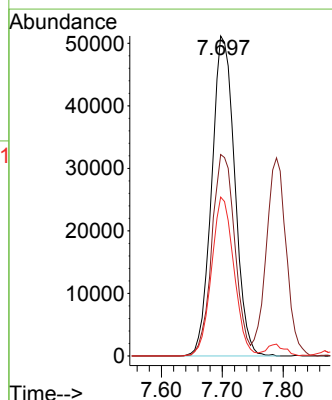
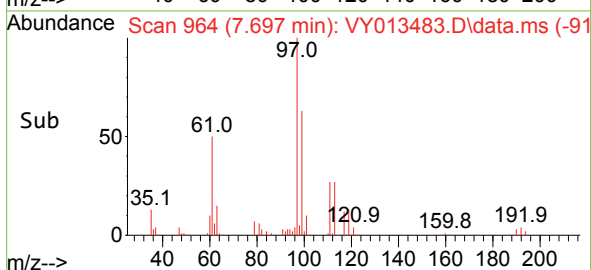
Tgt Ion: 56 Resp: 104492
Ion Ratio Lower Upper
56 100
69 33.3 29.2 43.8
84 84.0 73.0 109.6

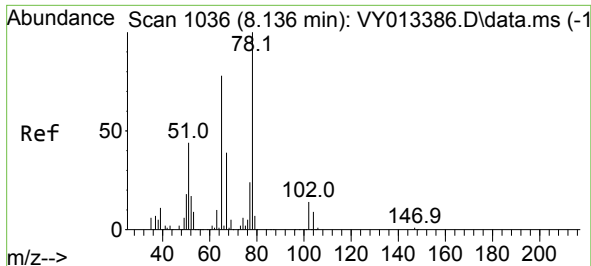


#32
1,1,1-Trichloroethane
Concen: 56.602 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00



Tgt Ion: 97 Resp: 134236
Ion Ratio Lower Upper
97 100
99 62.9 52.2 78.2
61 48.5 33.8 50.8

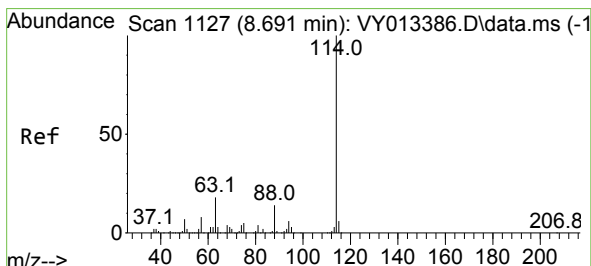
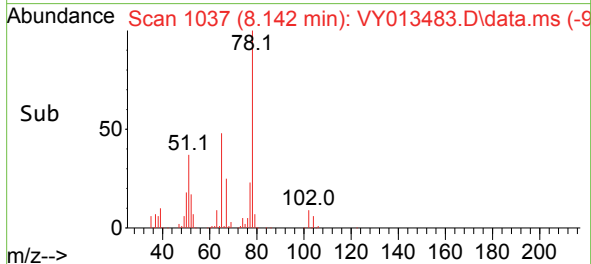
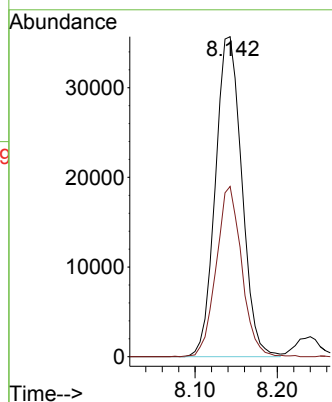
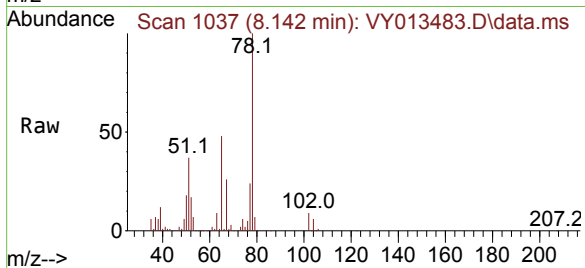




#33
 1,2-Dichloroethane-d4
 Concen: 57.226 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. 0.006 min
 Lab File: VY013483.D
 Acq: 26 Apr 2023 19:00

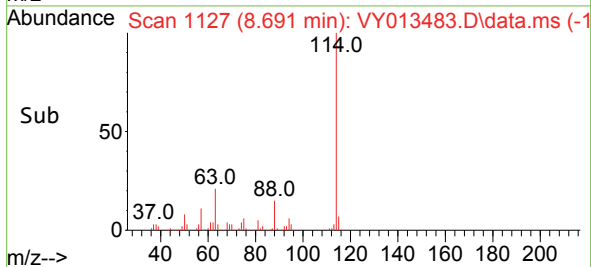
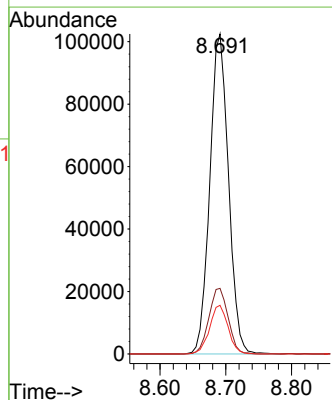
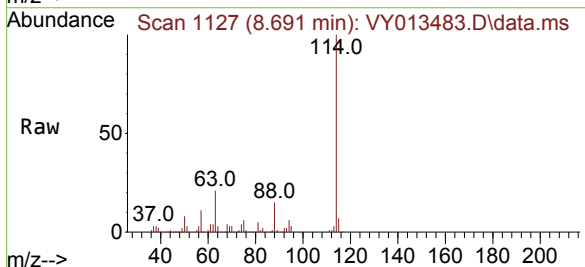
Instrument :
 MSVOA_Y
 ClientSampleId :
 20230200-2-2MS

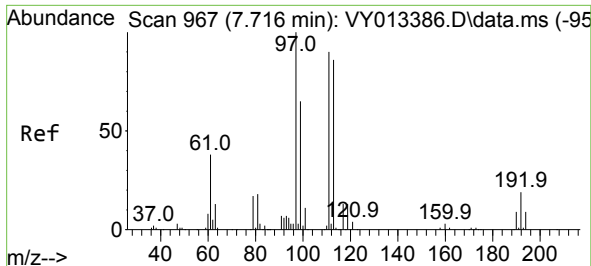
Tgt Ion: 65 Resp: 79824
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY013483.D
 Acq: 26 Apr 2023 19:00

Tgt Ion: 114 Resp: 202639
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 36.6
 88 15.2 0.0 28.8

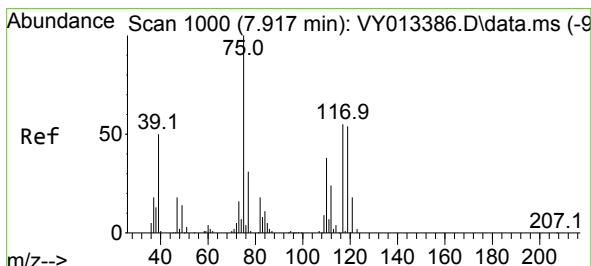
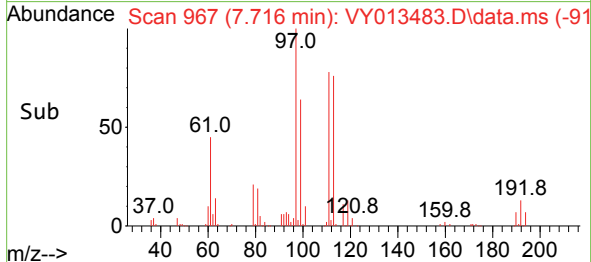
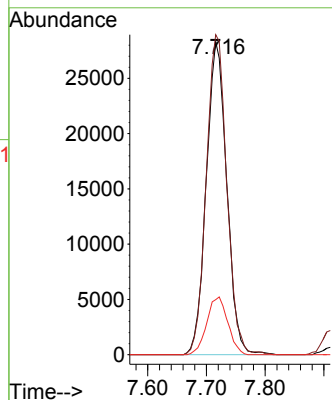
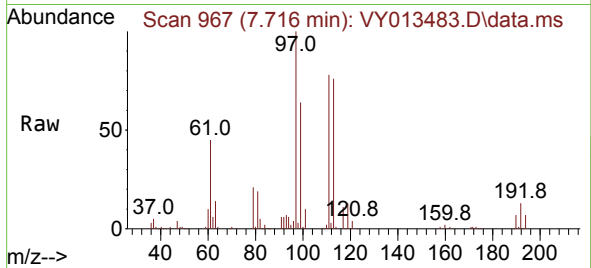




#35
Dibromofluoromethane
Concen: 53.829 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

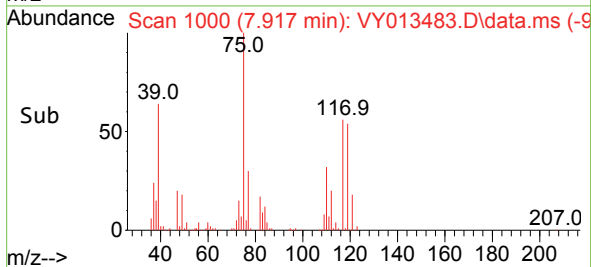
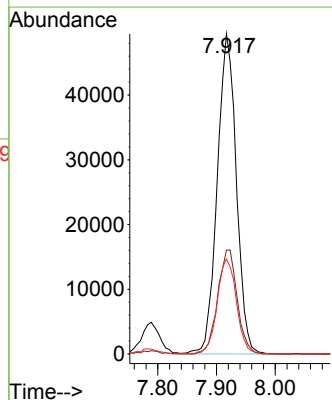
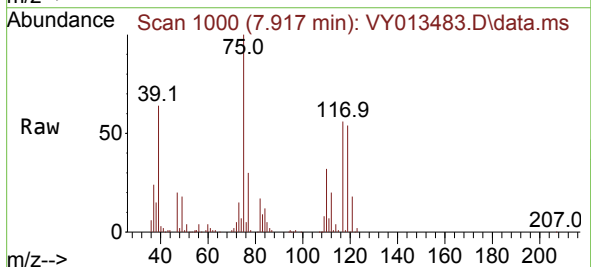
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MS

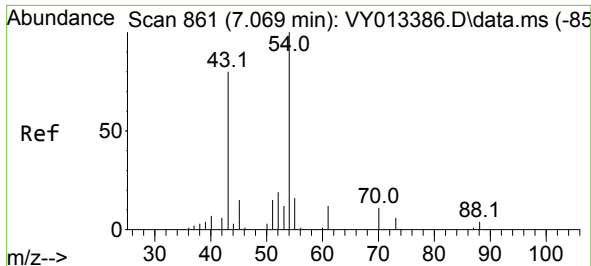
Tgt Ion:113 Resp: 68606
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 18.9 16.7 25.1



#36
1,1-Dichloropropene
Concen: 52.736 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

Tgt Ion: 75 Resp: 111549
Ion Ratio Lower Upper
75 100
110 33.2 18.7 56.1
77 30.1 24.6 37.0

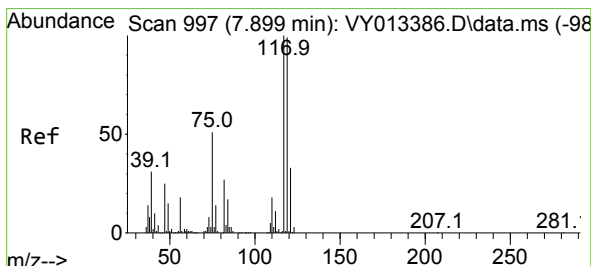
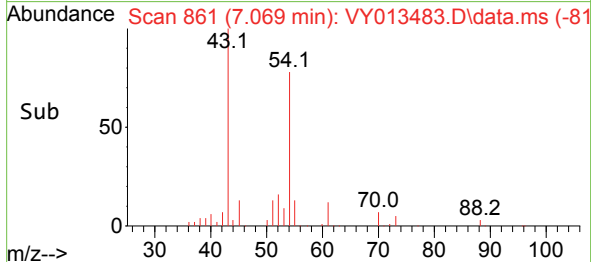
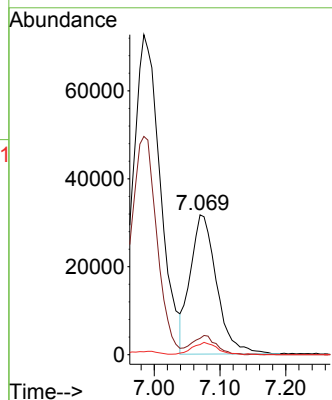
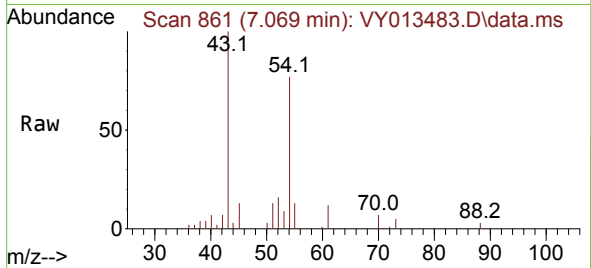




#37
Ethyl Acetate
Concen: 55.297 ug/l
RT: 7.069 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

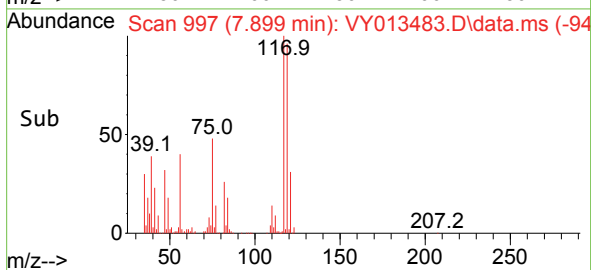
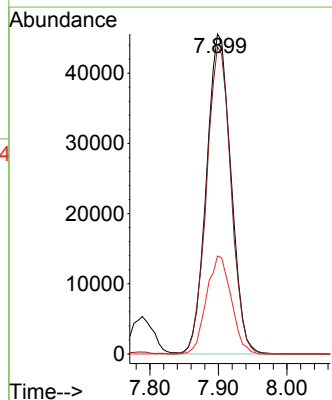
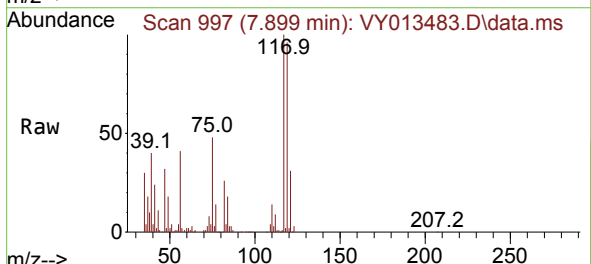
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MS

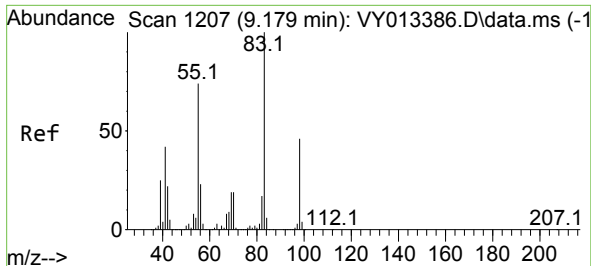
Tgt Ion: 43 Resp: 88020
Ion Ratio Lower Upper
43 100
61 12.2 11.4 17.0
70 8.3 7.9 11.9



#38
Carbon Tetrachloride
Concen: 51.188 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

Tgt Ion: 117 Resp: 113484
Ion Ratio Lower Upper
117 100
119 96.0 79.0 118.6
121 30.6 26.6 40.0





#39

Methylcyclohexane

Concen: 32.133 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013483.D

Acq: 26 Apr 2023 19:00

Instrument :

MSVOA_Y

ClientSampleId :

20230200-2-2MS

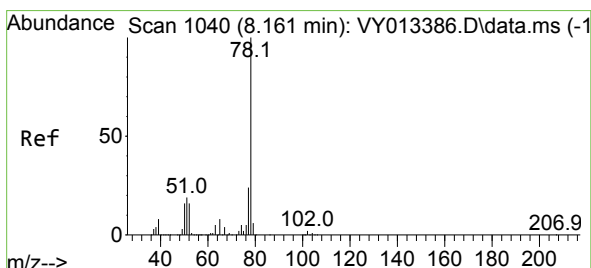
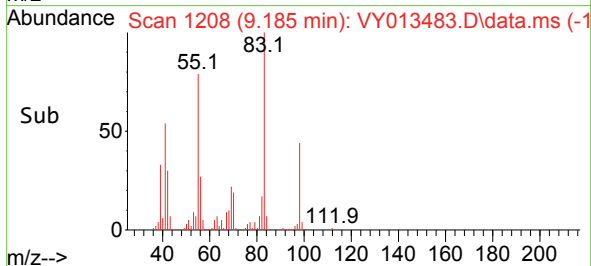
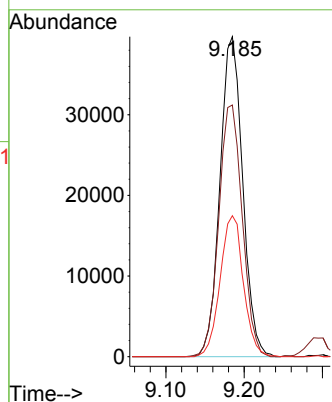
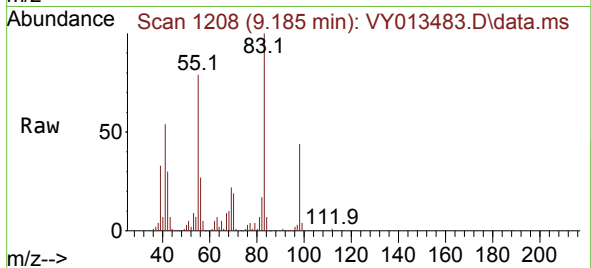
Tgt Ion: 83 Resp: 80128

Ion Ratio Lower Upper

83 100

55 78.6 59.0 88.4

98 44.0 37.0 55.4



#40

Benzene

Concen: 55.645 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013483.D

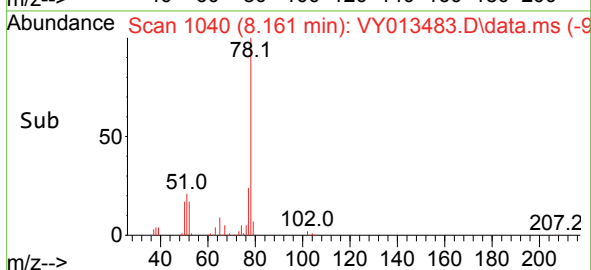
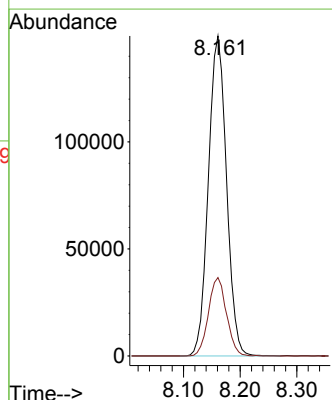
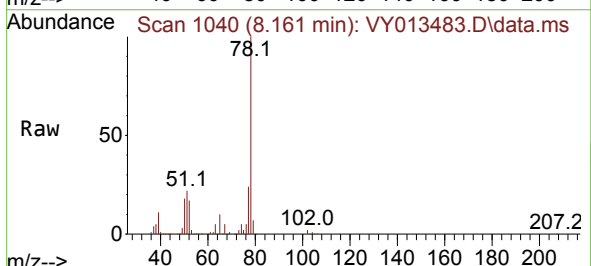
Acq: 26 Apr 2023 19:00

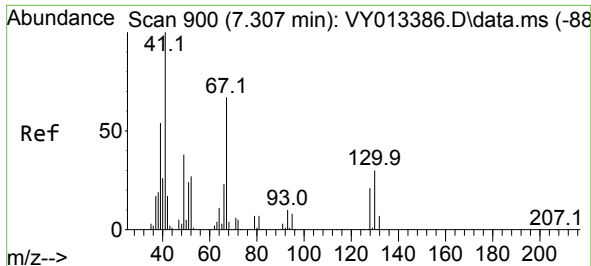
Tgt Ion: 78 Resp: 331553

Ion Ratio Lower Upper

78 100

77 24.5 19.2 28.8

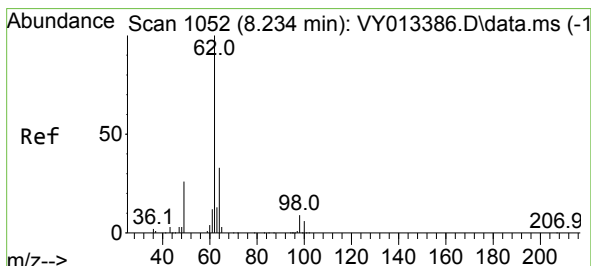
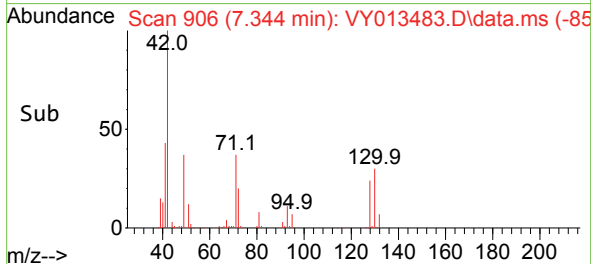
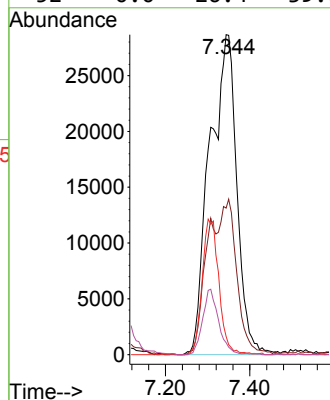
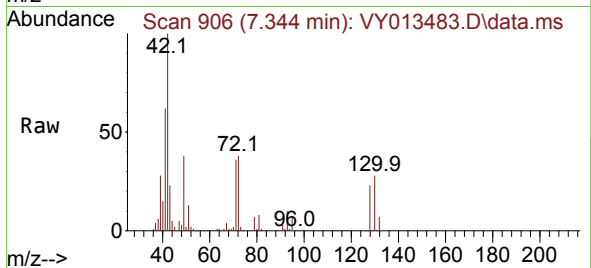




#41
Methacrylonitrile
Concen: 171.957 ug/l
RT: 7.344 min Scan# 900
Delta R.T. 0.037 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

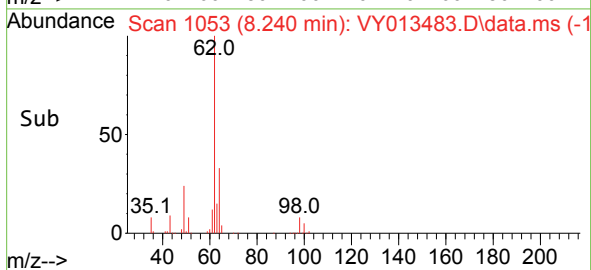
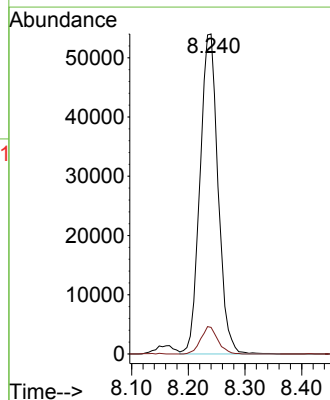
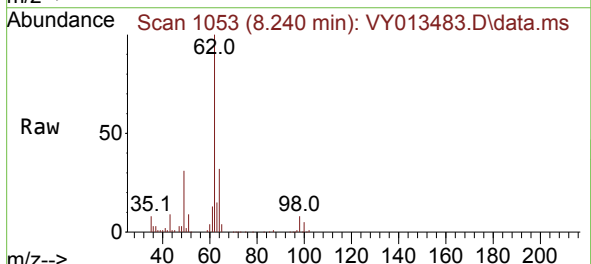
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MS

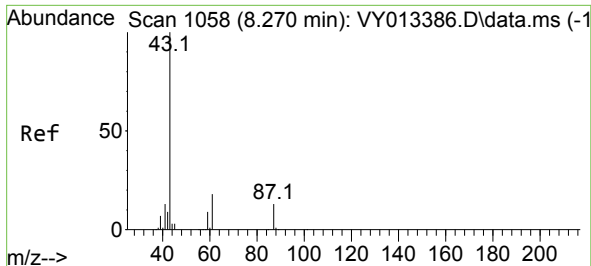
Tgt Ion: 41 Resp: 127550
Ion Ratio Lower Upper
41 100
39 0.0 44.2 66.4#
67 0.0 62.9 94.3#
52 0.0 26.4 39.6#



#42
1,2-Dichloroethane
Concen: 61.404 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

Tgt Ion: 62 Resp: 119613
Ion Ratio Lower Upper
62 100
98 8.0 0.0 17.8

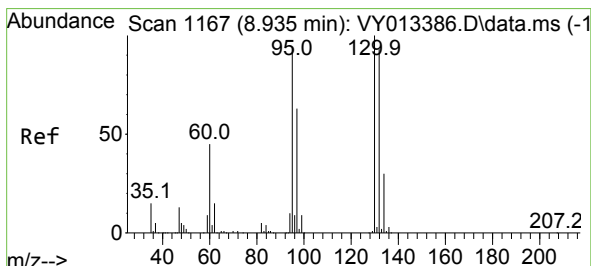
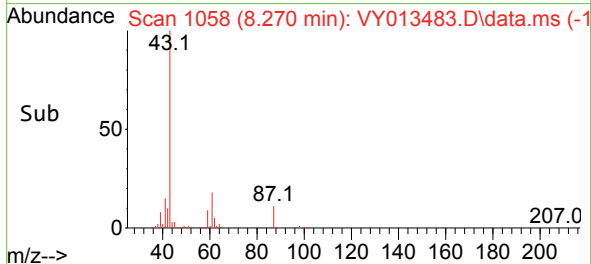
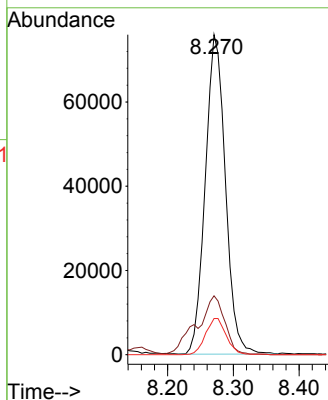
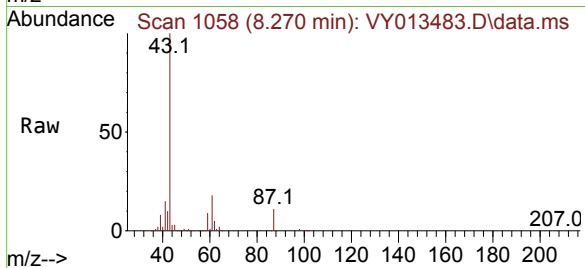




#43
Isopropyl Acetate
Concen: 60.125 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

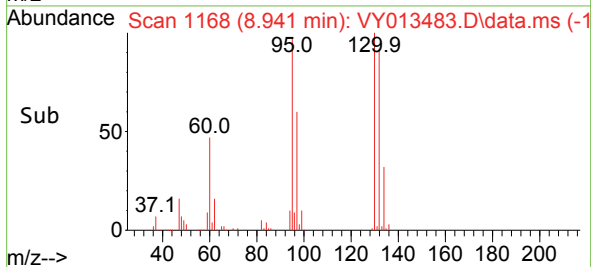
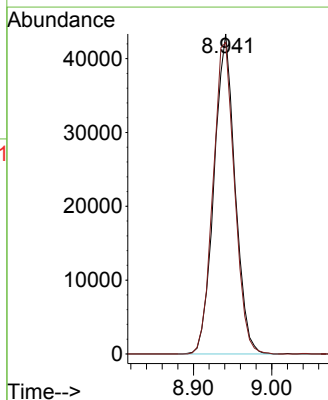
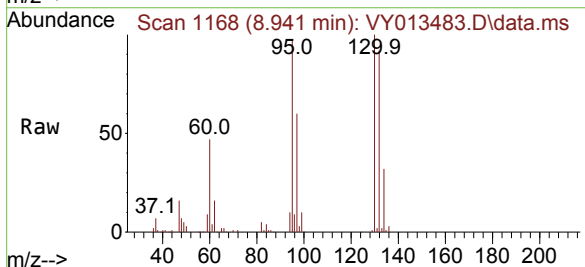
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MS

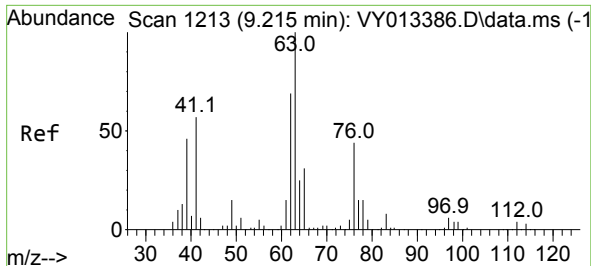
Tgt Ion: 43 Resp: 161542
Ion Ratio Lower Upper
43 100
61 25.7 22.2 33.4
87 11.6 11.0 16.6



#44
Trichloroethene
Concen: 51.031 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

Tgt Ion:130 Resp: 80880
Ion Ratio Lower Upper
130 100
95 97.3 0.0 188.8

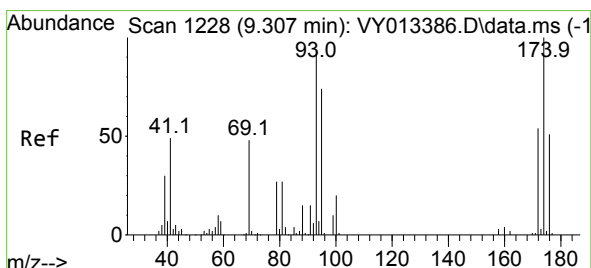
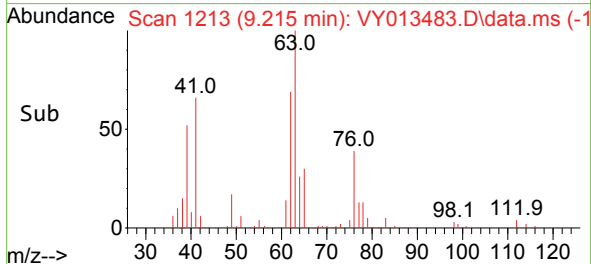
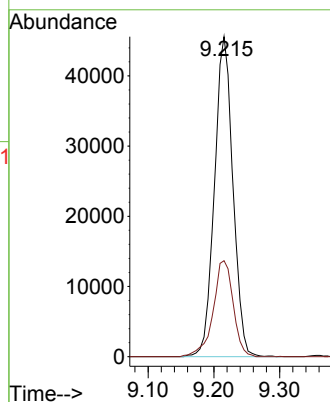
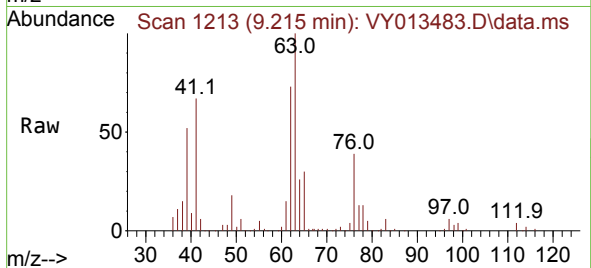




#45
1,2-Dichloropropane
Concen: 57.068 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

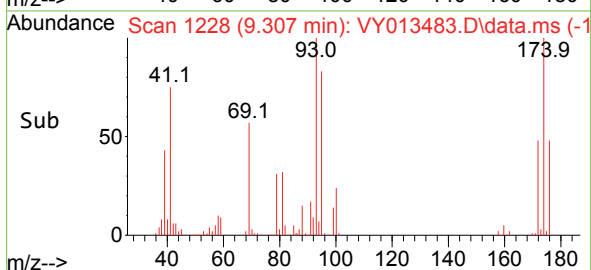
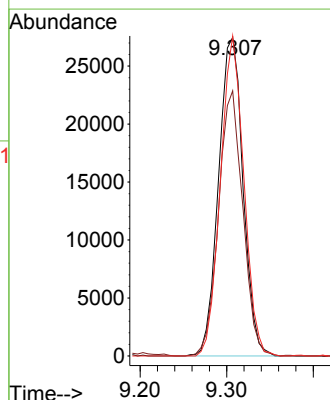
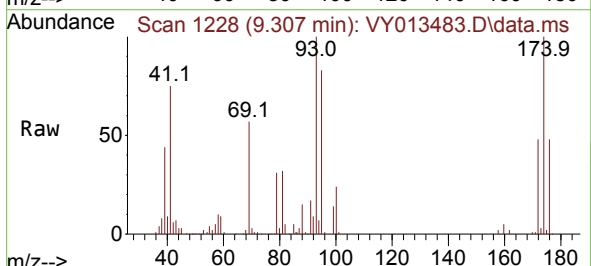
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MS

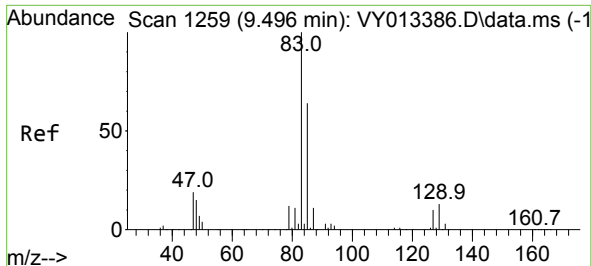
Tgt Ion: 63 Resp: 88906
Ion Ratio Lower Upper
63 100
65 30.0 24.6 37.0



#46
Dibromomethane
Concen: 57.771 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

Tgt Ion: 93 Resp: 53851
Ion Ratio Lower Upper
93 100
95 82.4 67.1 100.7
174 95.9 87.0 130.4

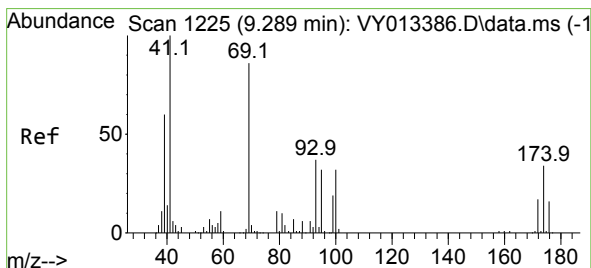
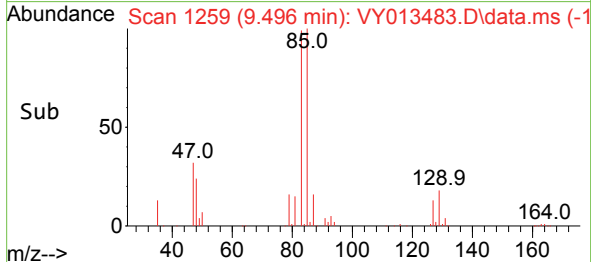
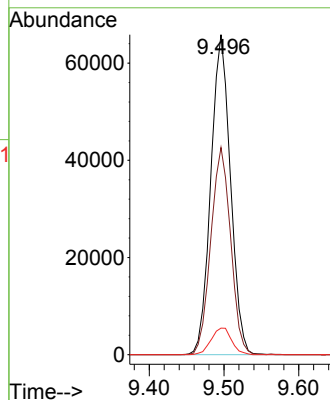
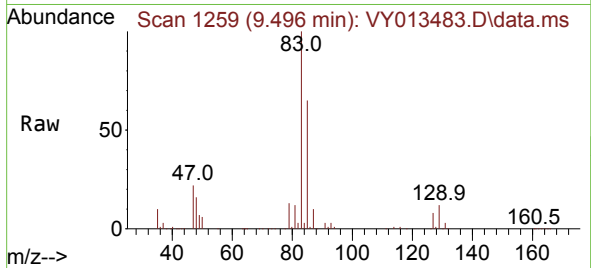




#47
Bromodichloromethane
Concen: 57.592 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

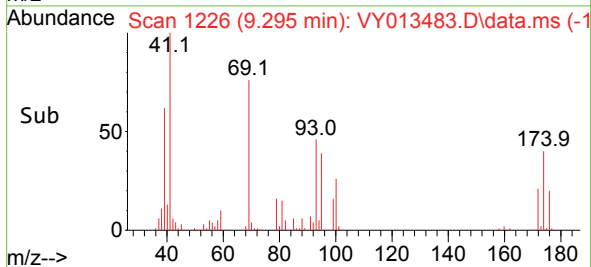
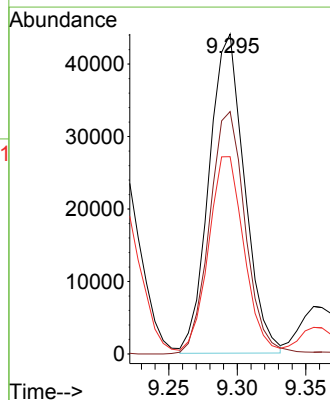
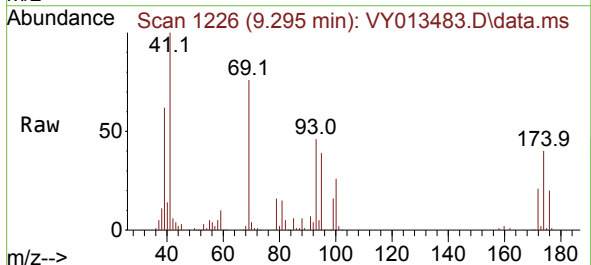
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MS

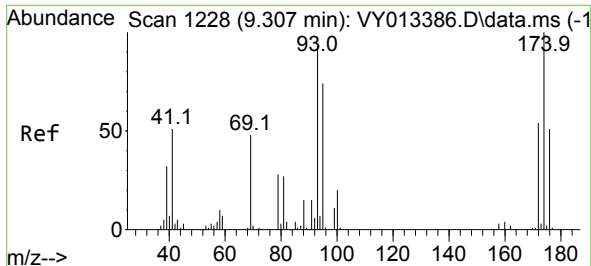
Tgt Ion: 83 Resp: 120126
Ion Ratio Lower Upper
83 100
85 64.7 51.4 77.2
127 8.3 8.1 12.1



#48
Methyl methacrylate
Concen: 64.190 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

Tgt Ion: 41 Resp: 79206
Ion Ratio Lower Upper
41 100
69 77.2 70.2 105.4
39 61.6 47.9 71.9





#49

1,4-Dioxane

Concen: 1086.383 ug/l

RT: 9.313 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013483.D

Acq: 26 Apr 2023 19:00

Instrument :

MSVOA_Y

ClientSampleId :

20230200-2-2MS

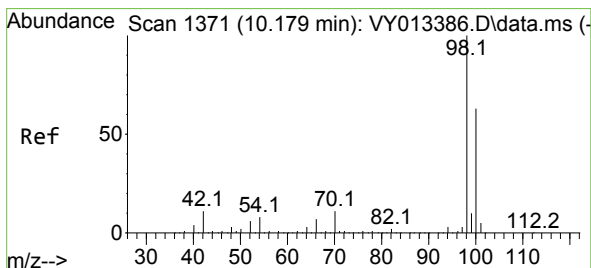
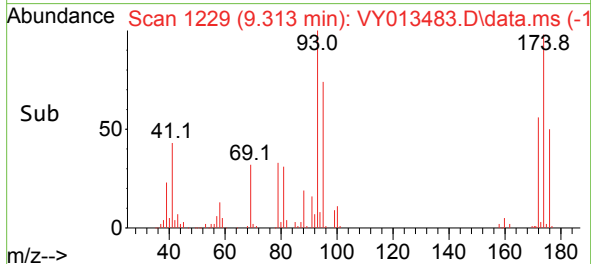
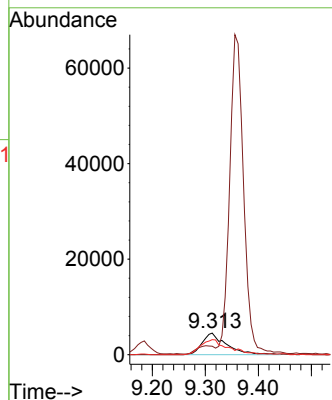
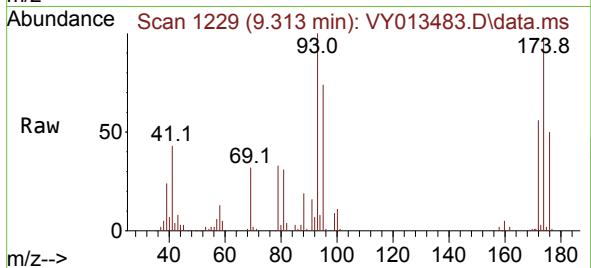
Tgt Ion: 88 Resp: 14463

Ion Ratio Lower Upper

88 100

43 27.6 16.8 25.2#

58 80.1 54.3 81.5



#50

Toluene-d8

Concen: 47.908 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013483.D

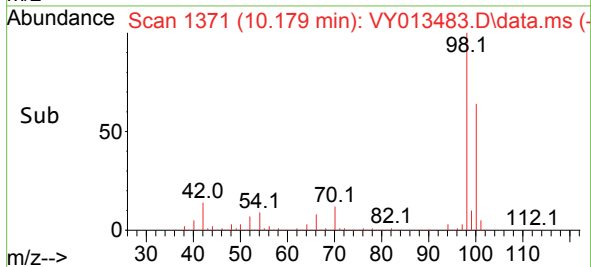
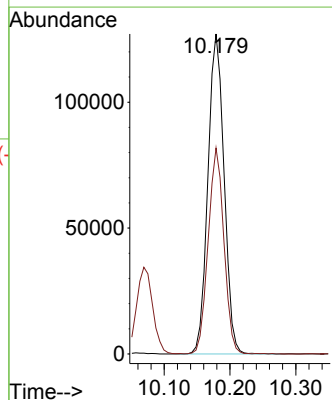
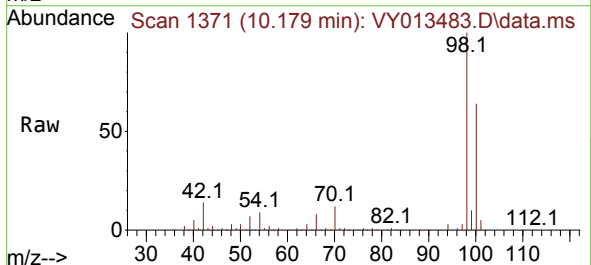
Acq: 26 Apr 2023 19:00

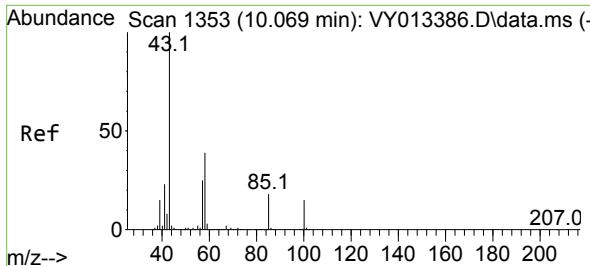
Tgt Ion: 98 Resp: 217212

Ion Ratio Lower Upper

98 100

100 62.5 50.5 75.7

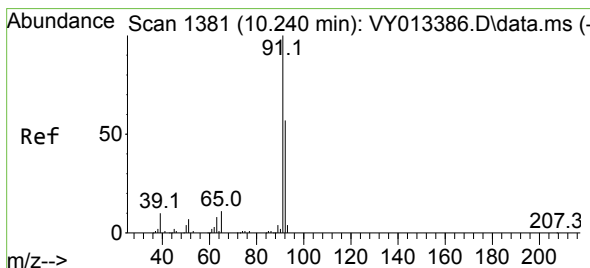
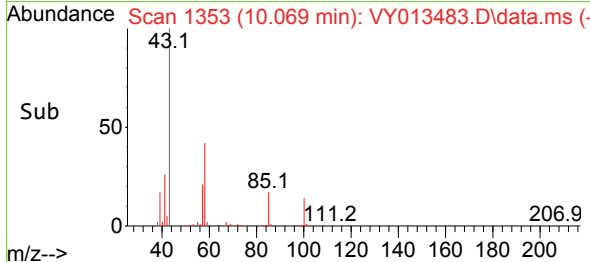
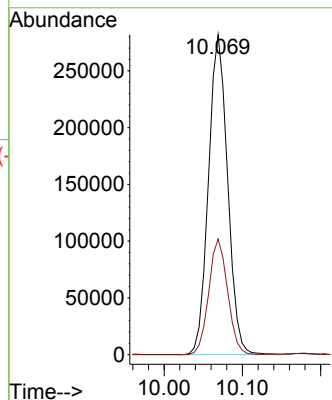
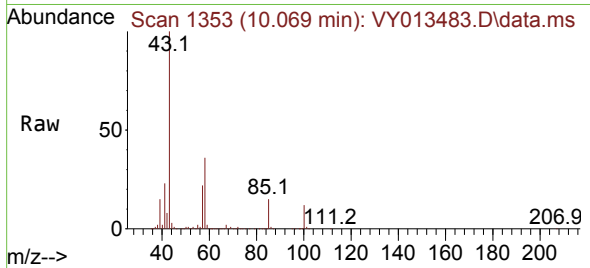




#51
4-Methyl-2-Pentanone
Concen: 318.915 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

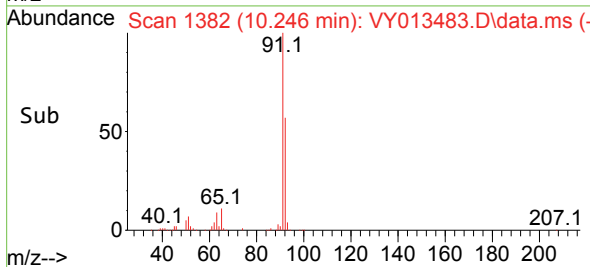
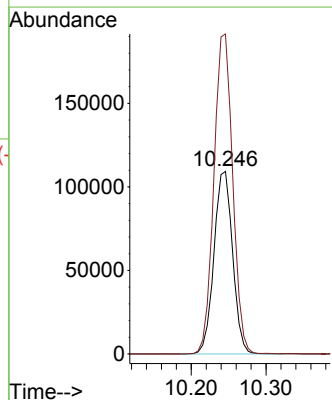
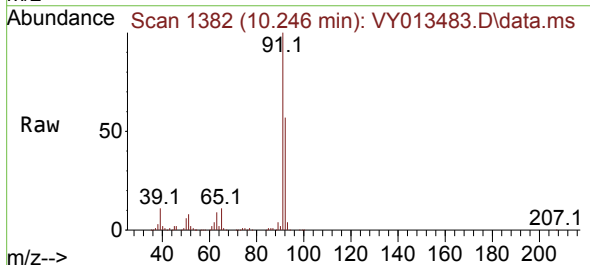
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MS

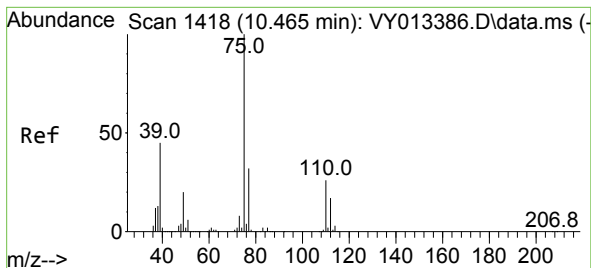
Tgt Ion: 43 Resp: 477473
Ion Ratio Lower Upper
43 100
58 35.8 30.6 46.0



#52
Toluene
Concen: 52.823 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

Tgt Ion: 92 Resp: 189400
Ion Ratio Lower Upper
92 100
91 176.8 140.2 210.4

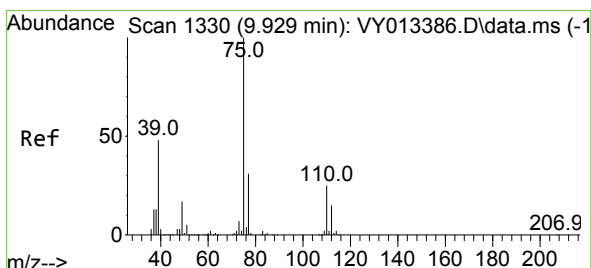
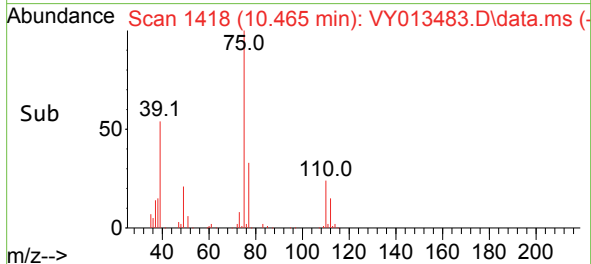
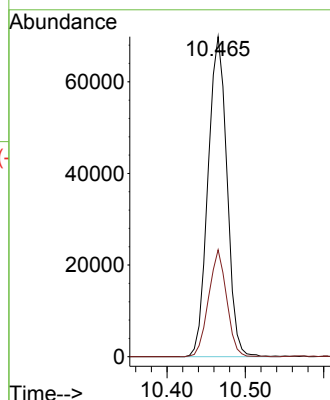
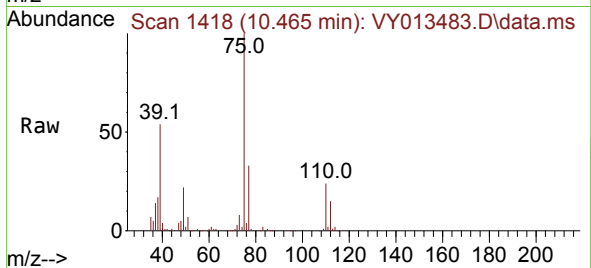




#53
t-1,3-Dichloropropene
Concen: 53.122 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

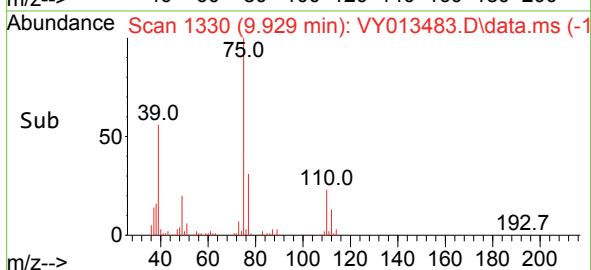
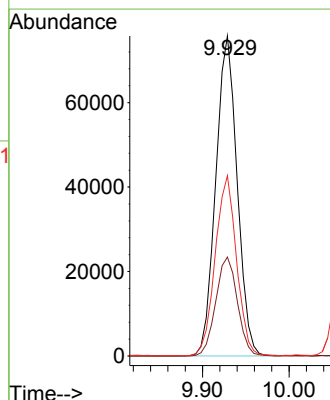
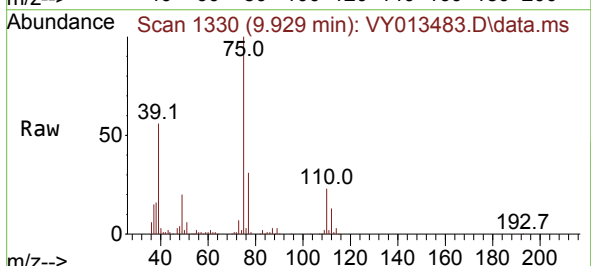
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MS

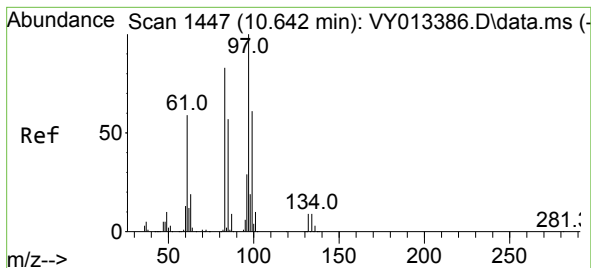
Tgt Ion: 75 Resp: 117265
Ion Ratio Lower Upper
75 100
77 33.4 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 52.321 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

Tgt Ion: 75 Resp: 129961
Ion Ratio Lower Upper
75 100
77 30.9 24.8 37.2
39 56.2 38.1 57.1

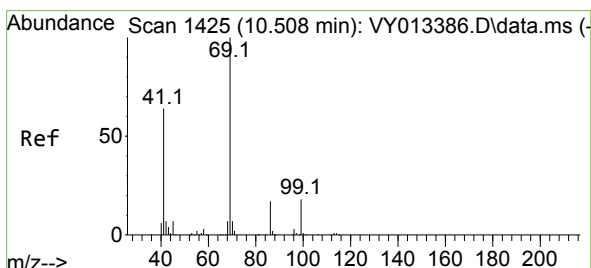
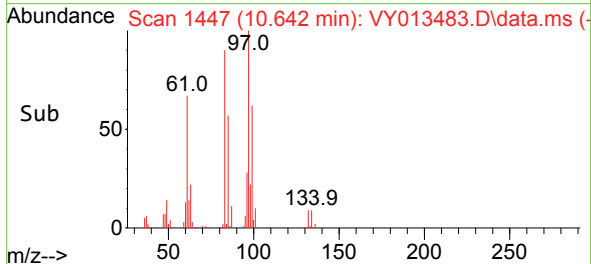
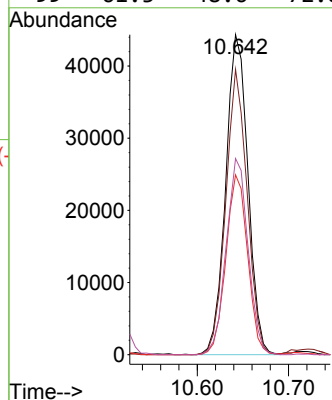
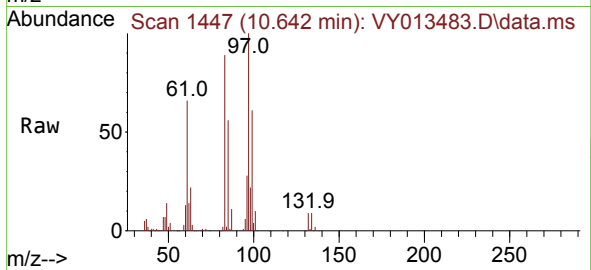




#55
1,1,2-Trichloroethane
Concen: 60.898 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

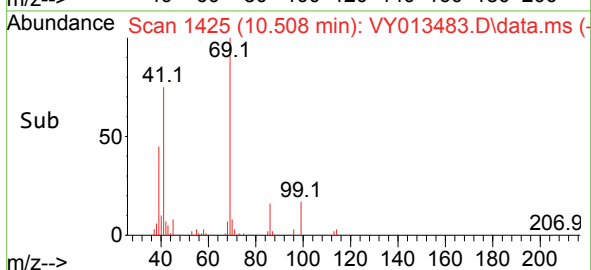
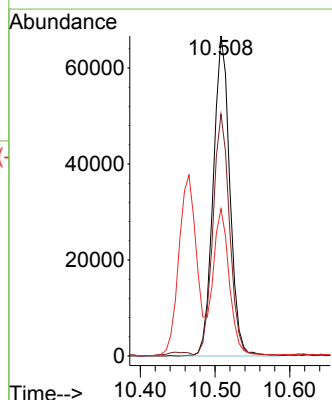
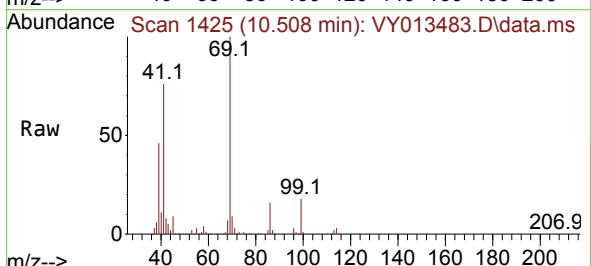
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MS

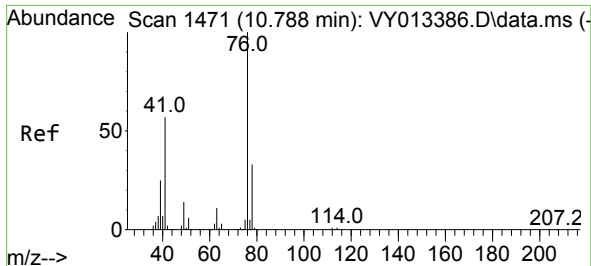
Tgt Ion: 97	Resp: 75174
Ion Ratio	Lower Upper
97 100	
83 89.1	66.4 99.6
85 56.2	45.6 68.4
99 61.3	48.6 72.8



#56
Ethyl methacrylate
Concen: 60.327 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

Tgt Ion: 69	Resp: 103315
Ion Ratio	Lower Upper
69 100	
41 76.1	51.4 77.0
39 42.7	29.0 43.6





#57

1,3-Dichloropropane

Concen: 59.914 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013483.D

Acq: 26 Apr 2023 19:00

Instrument :

MSVOA_Y

ClientSampleId :

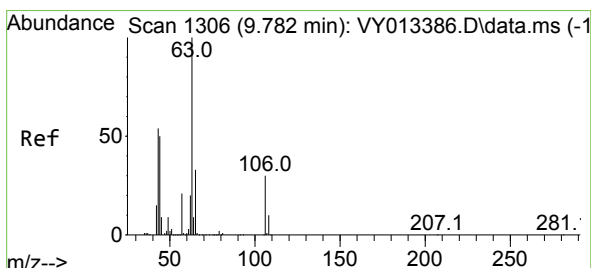
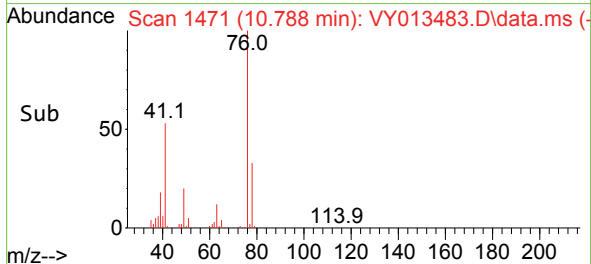
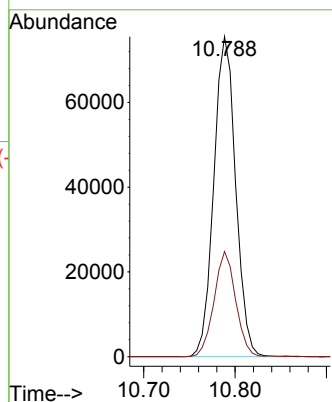
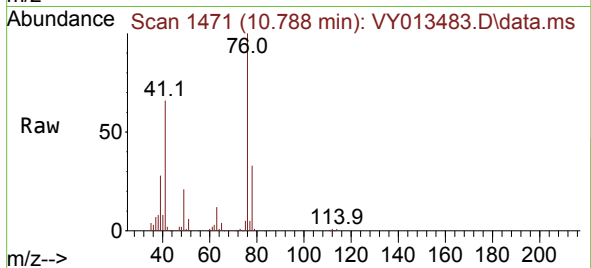
20230200-2-2MS

Tgt Ion: 76 Resp: 125257

Ion Ratio Lower Upper

76 100

78 32.6 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 282.335 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013483.D

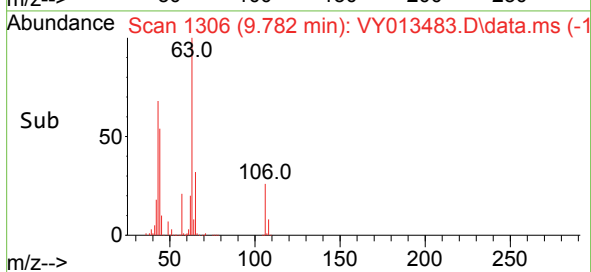
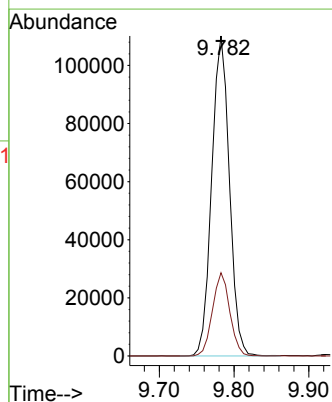
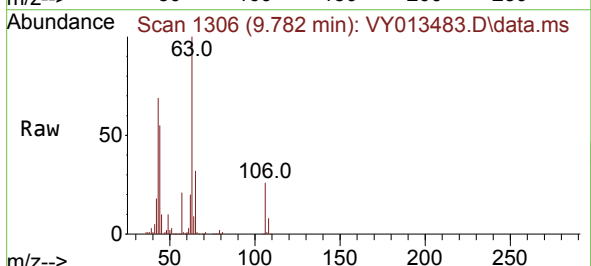
Acq: 26 Apr 2023 19:00

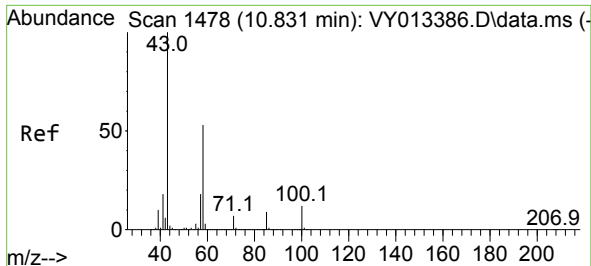
Tgt Ion: 63 Resp: 181314

Ion Ratio Lower Upper

63 100

106 25.4 23.5 35.3

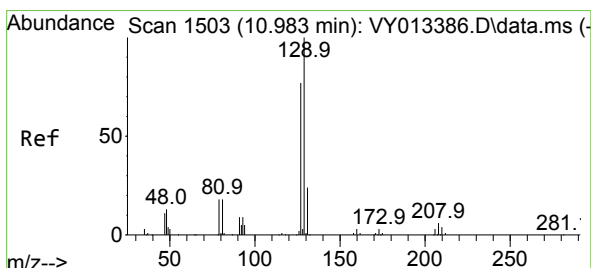
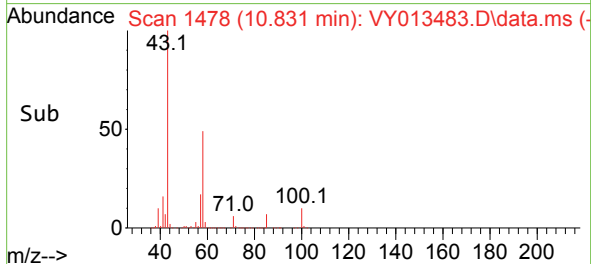
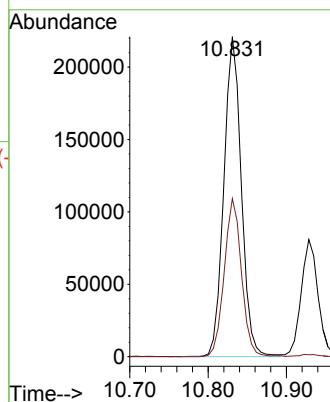
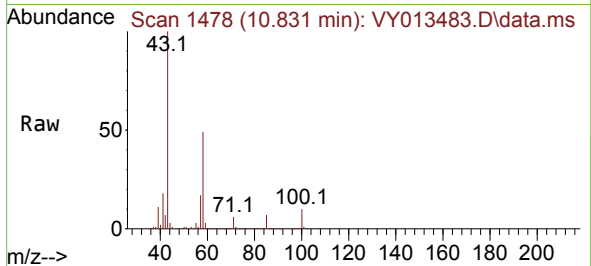




#59
2-Hexanone
Concen: 315.197 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

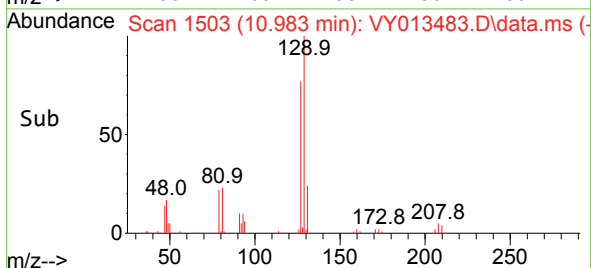
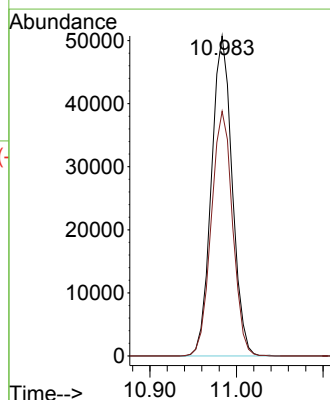
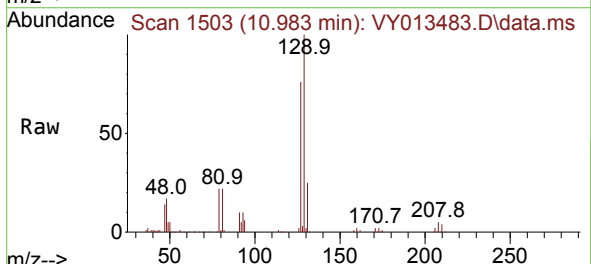
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MS

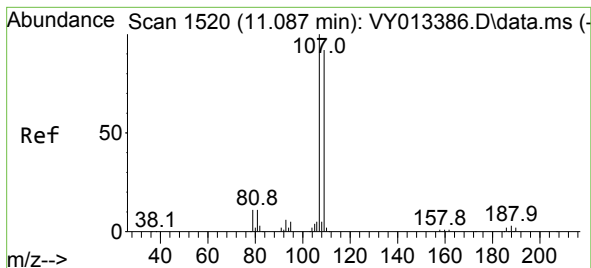
Tgt Ion: 43 Resp: 343038
Ion Ratio Lower Upper
43 100
58 48.8 26.3 78.8



#60
Dibromochloromethane
Concen: 56.329 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

Tgt Ion: 129 Resp: 84431
Ion Ratio Lower Upper
129 100
127 78.5 38.7 116.1

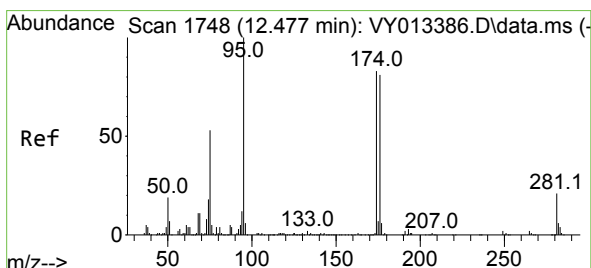
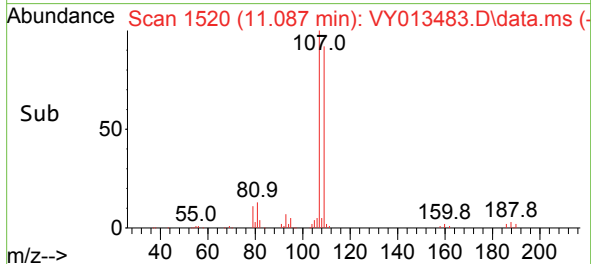
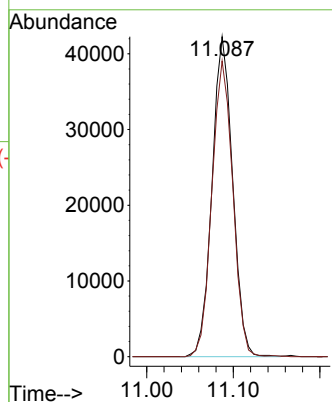
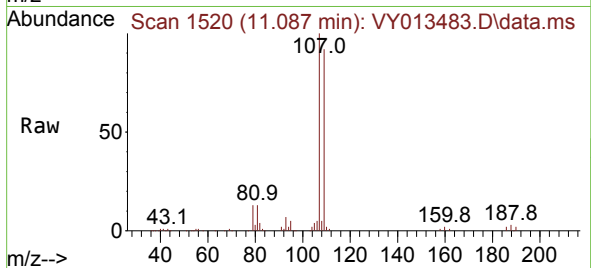




#61
1,2-Dibromoethane
Concen: 57.528 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

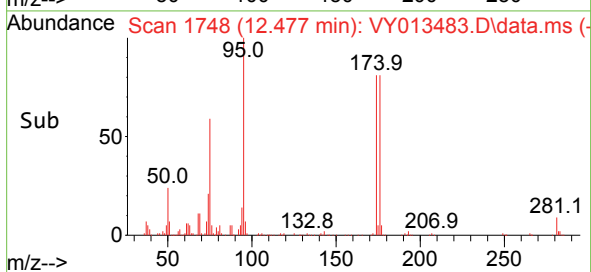
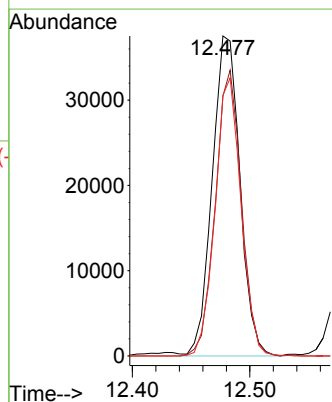
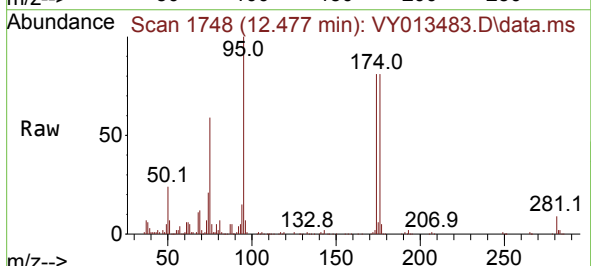
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MS

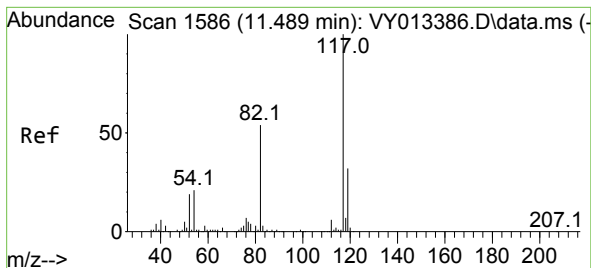
Tgt Ion:107 Resp: 69819
Ion Ratio Lower Upper
107 100
109 93.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 40.172 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

Tgt Ion: 95 Resp: 61403
Ion Ratio Lower Upper
95 100
174 84.0 0.0 182.0
176 81.3 0.0 175.4

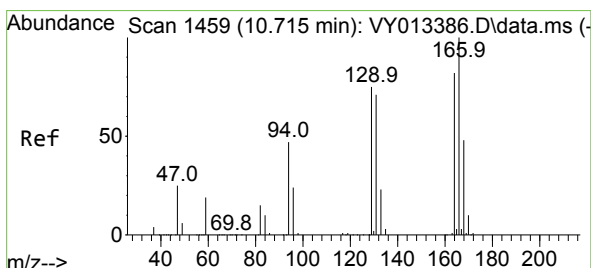
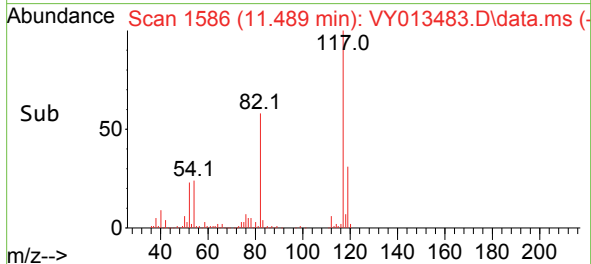
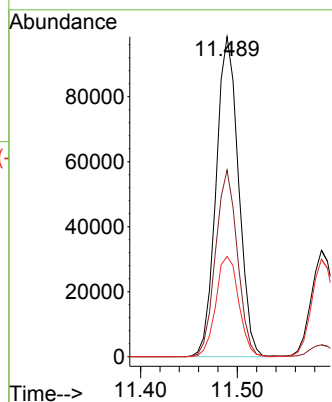
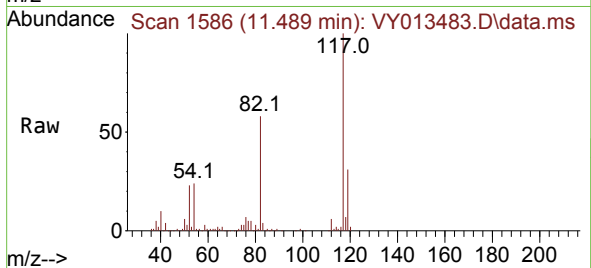




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

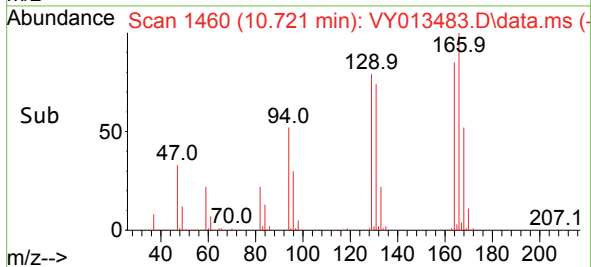
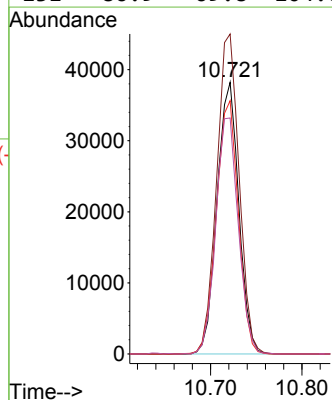
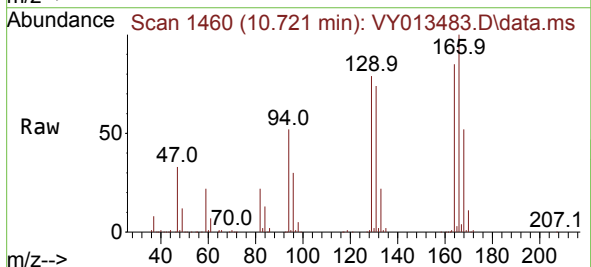
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MS

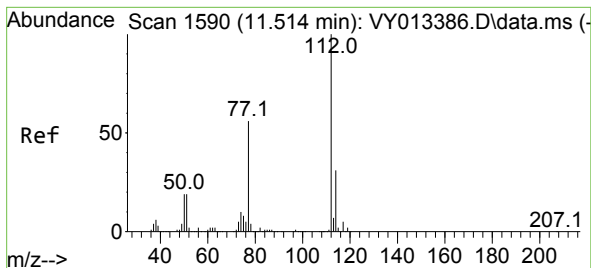
Tgt Ion:117	Resp:	158571
Ion	Ratio	Lower Upper
117	100	
82	58.3	43.0 64.6
119	31.2	25.5 38.3



#64
Tetrachloroethene
Concen: 52.640 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

Tgt Ion:164	Resp:	63472
Ion	Ratio	Lower Upper
164	100	
166	117.8	97.5 146.3
129	93.2	72.6 109.0
131	86.9	69.8 104.6

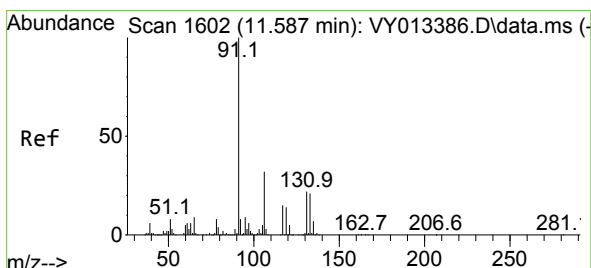
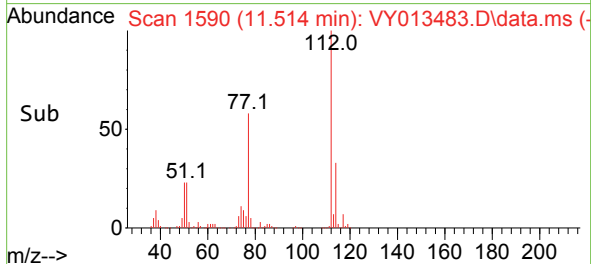
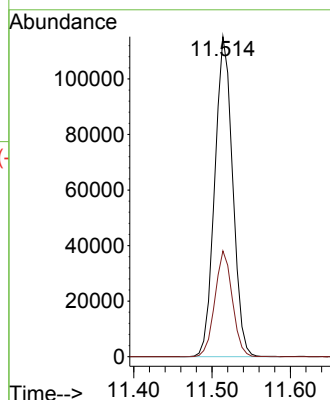
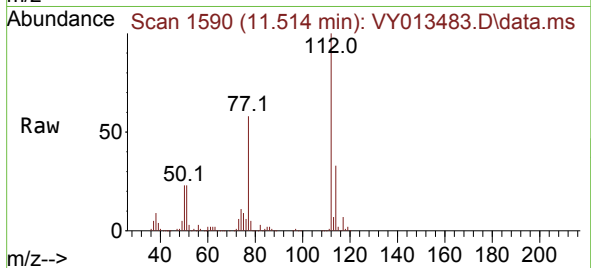




#65
Chlorobenzene
Concen: 53.052 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

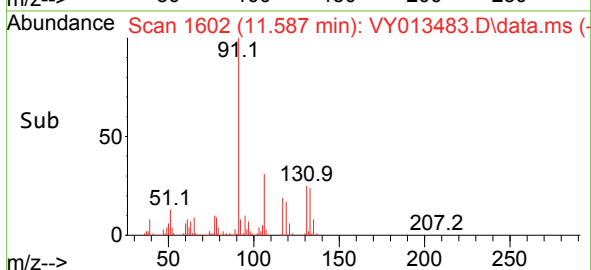
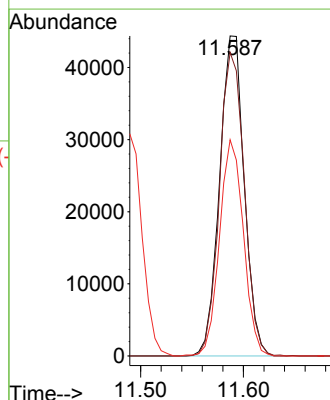
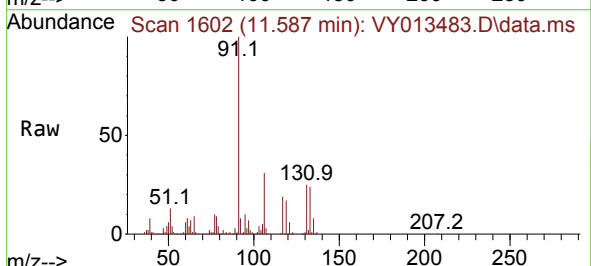
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MS

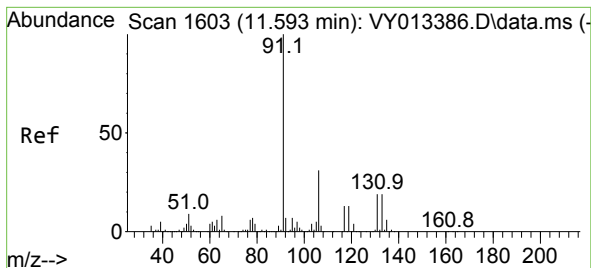
Tgt Ion:112 Resp: 183258
Ion Ratio Lower Upper
112 100
114 33.0 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 57.213 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

Tgt Ion:131 Resp: 73913
Ion Ratio Lower Upper
131 100
133 95.5 47.7 143.1
119 65.5 32.6 98.0





#67

Ethyl Benzene

Concen: 49.773 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013483.D

Acq: 26 Apr 2023 19:00

Instrument :

MSVOA_Y

ClientSampleId :

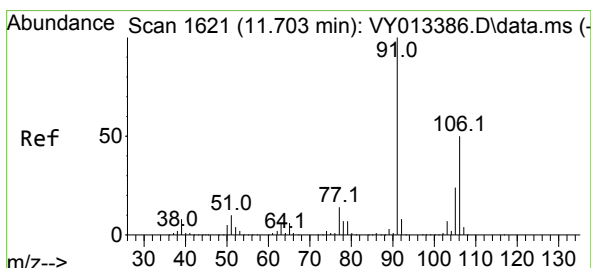
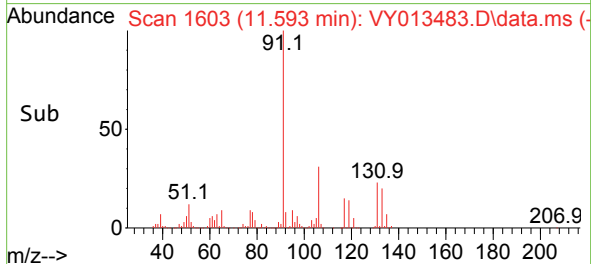
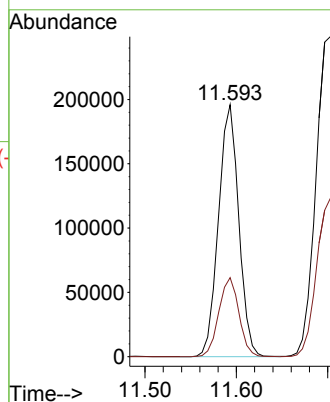
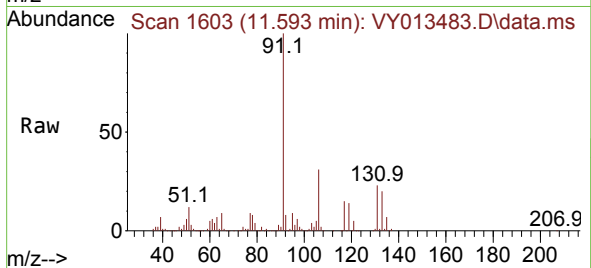
20230200-2-2MS

Tgt Ion: 91 Resp: 301909

Ion Ratio Lower Upper

91 100

106 31.4 25.1 37.7



#68

m/p-Xylenes

Concen: 97.785 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY013483.D

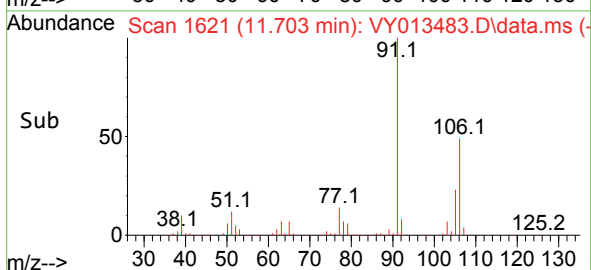
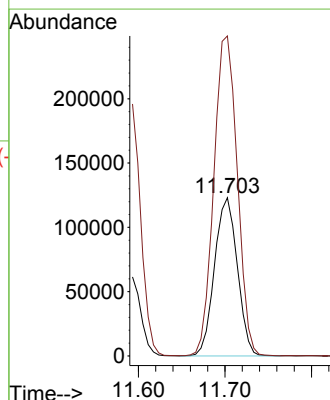
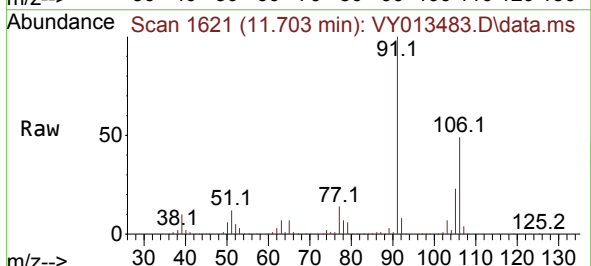
Acq: 26 Apr 2023 19:00

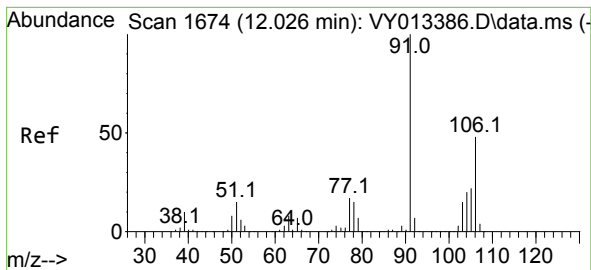
Tgt Ion: 106 Resp: 225483

Ion Ratio Lower Upper

106 100

91 207.5 160.9 241.3





#69

o-Xylene

Concen: 49.086 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013483.D

Acq: 26 Apr 2023 19:00

Instrument :

MSVOA_Y

ClientSampleId :

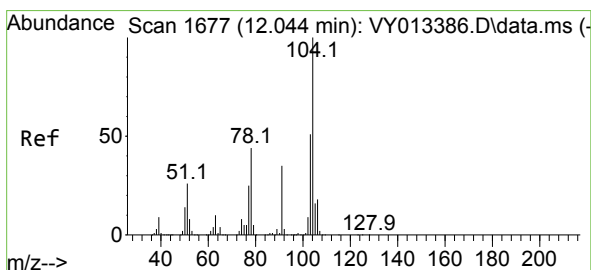
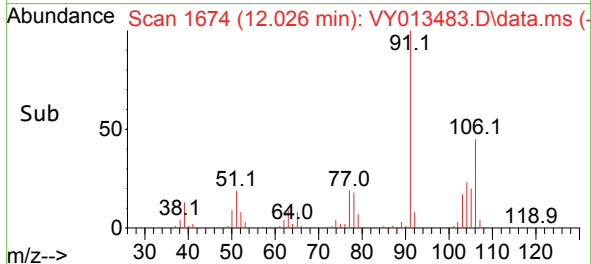
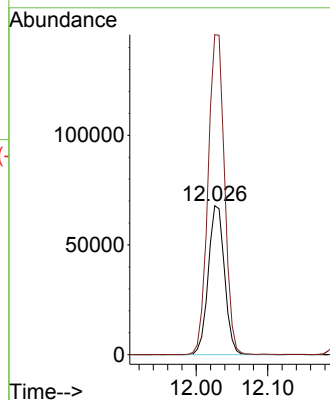
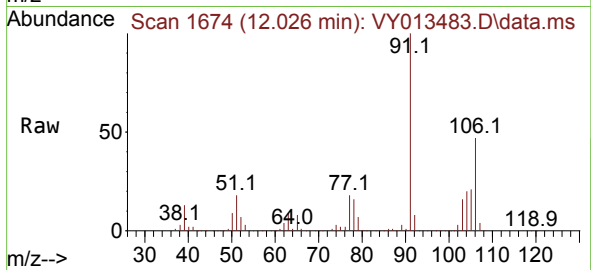
20230200-2-2MS

Tgt Ion:106 Resp: 107047

Ion Ratio Lower Upper

106 100

91 217.5 105.5 316.4



#70

Styrene

Concen: 49.646 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY013483.D

Acq: 26 Apr 2023 19:00

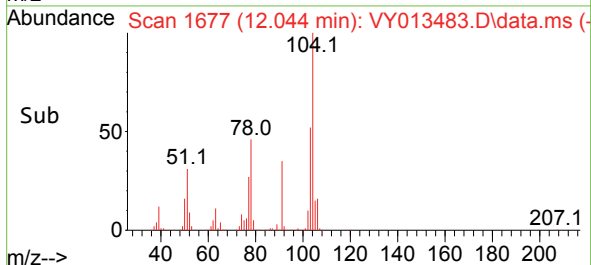
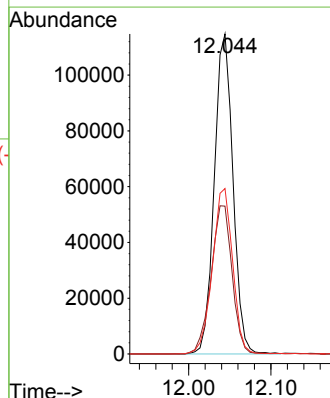
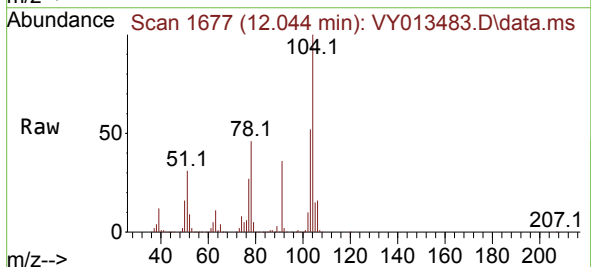
Tgt Ion:104 Resp: 181027

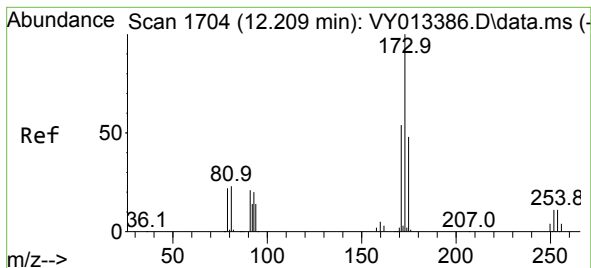
Ion Ratio Lower Upper

104 100

78 52.3 40.3 60.5

103 56.1 45.0 67.4





#71

Bromoform

Concen: 59.492 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013483.D

Acq: 26 Apr 2023 19:00

Instrument :

MSVOA_Y

ClientSampleId :

20230200-2-2MS

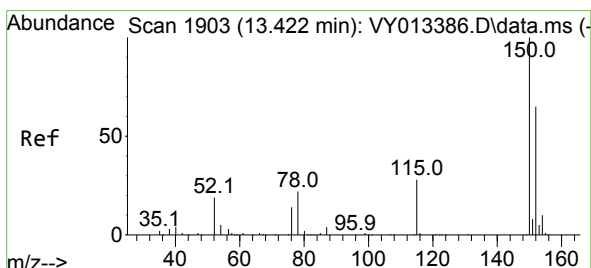
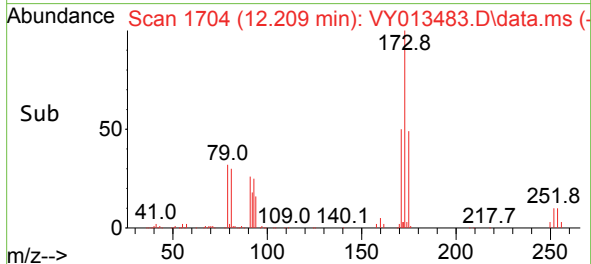
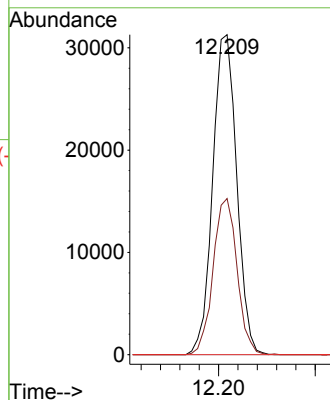
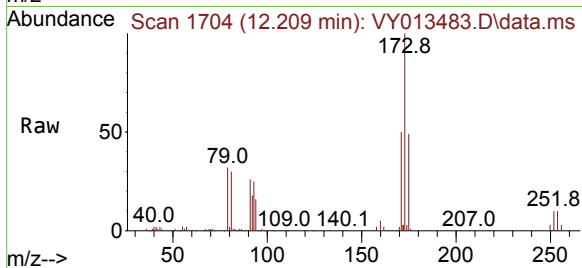
Tgt Ion:173 Resp: 53834

Ion Ratio Lower Upper

173 100

175 48.7 24.3 72.8

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: VY013483.D

Acq: 26 Apr 2023 19:00

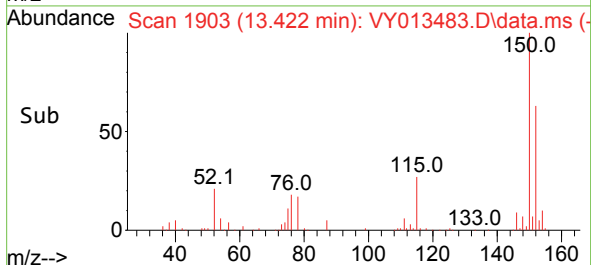
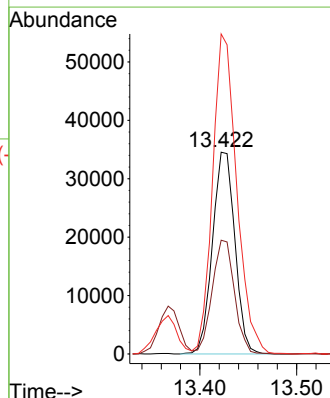
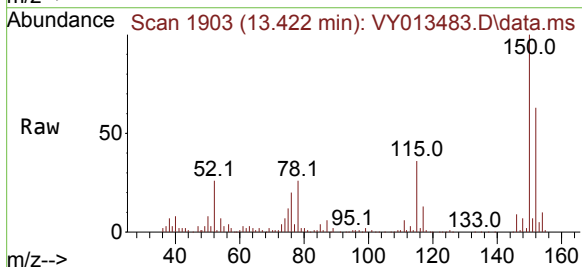
Tgt Ion:152 Resp: 55684

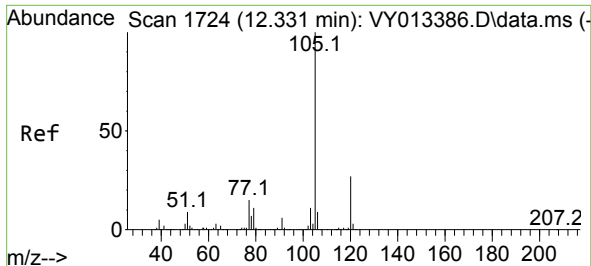
Ion Ratio Lower Upper

152 100

115 56.1 28.1 84.2

150 170.7 0.0 352.0

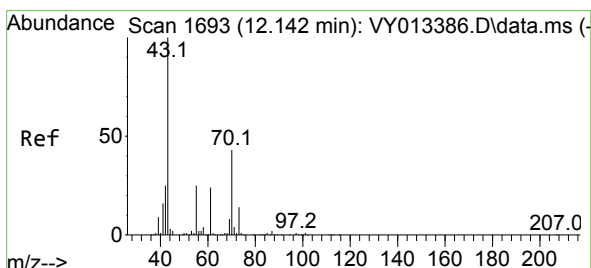
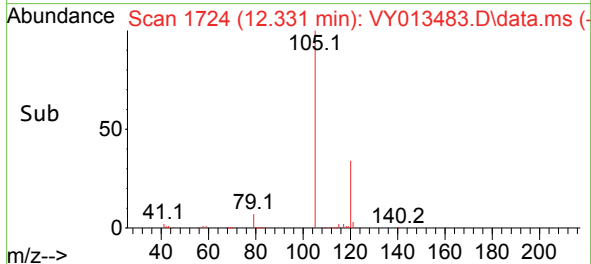
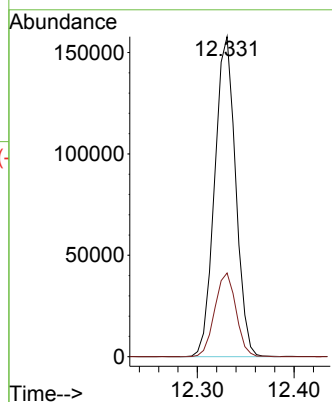
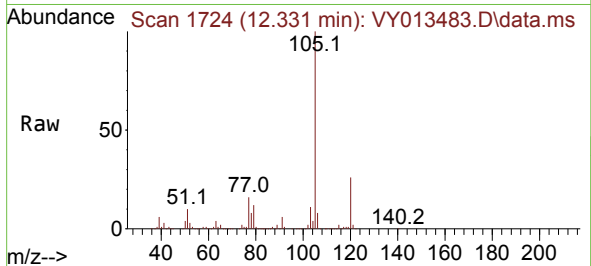




#73
Isopropylbenzene
Concen: 56.425 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

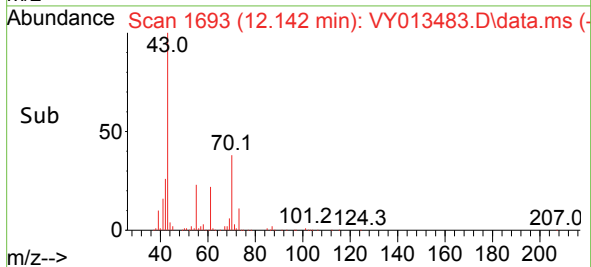
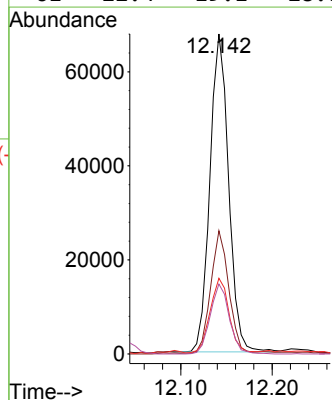
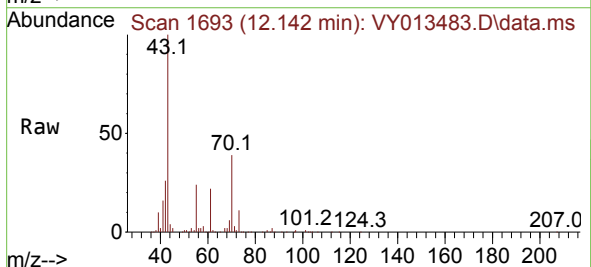
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MS

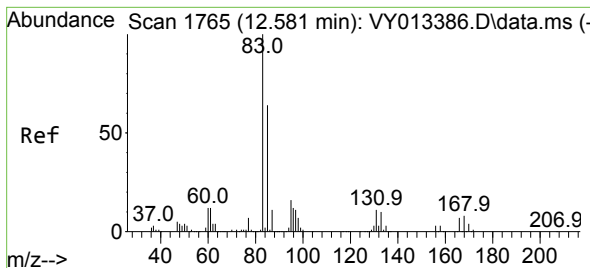
Tgt Ion:105 Resp: 237646
Ion Ratio Lower Upper
105 100
120 26.5 13.7 41.0



#74
N-ethyl acetate
Concen: 64.140 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

Tgt Ion: 43 Resp: 96132
Ion Ratio Lower Upper
43 100
70 37.0 33.0 49.4
55 24.0 19.8 29.6
61 22.4 19.1 28.7

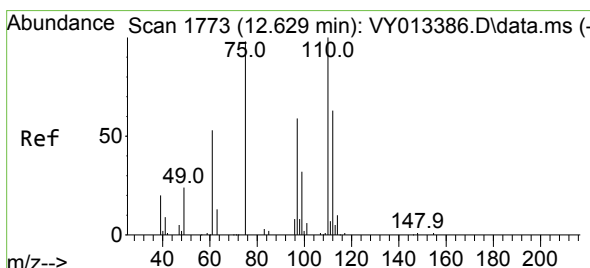
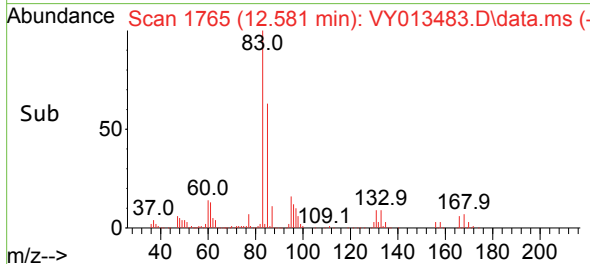
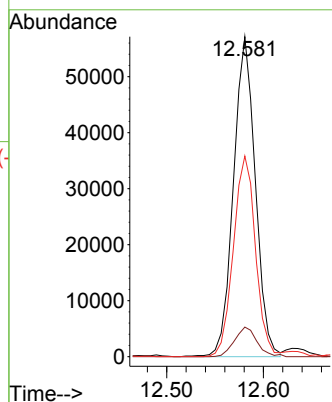
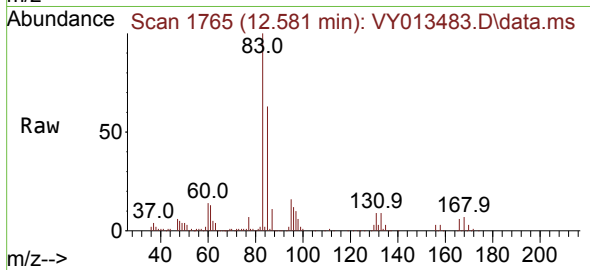




#75
 1,1,2,2-Tetrachloroethane
 Concen: 87.261 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY013483.D
 Acq: 26 Apr 2023 19:00

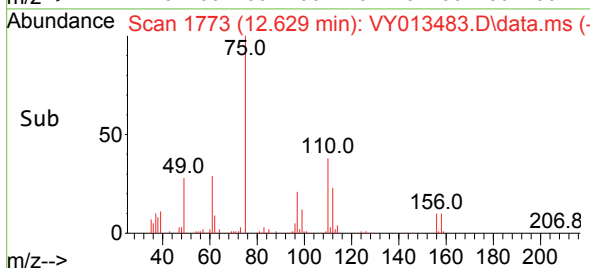
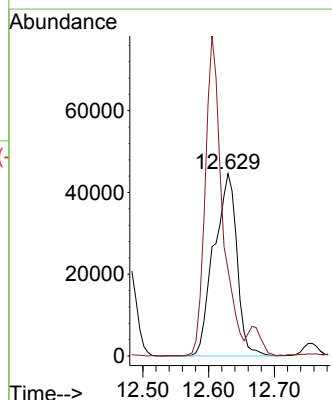
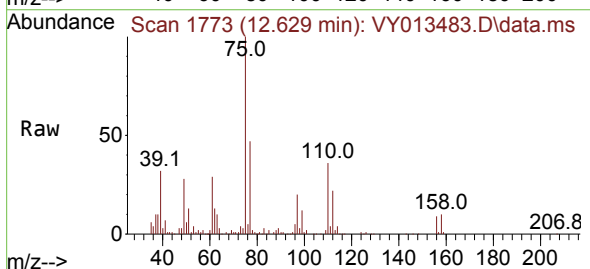
Instrument :
 MSVOA_Y
 ClientSampleId :
 20230200-2-2MS

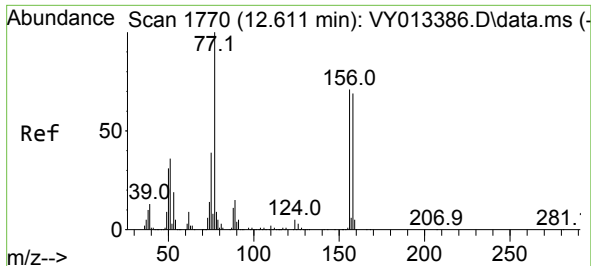
Tgt Ion: 83 Resp: 89832
 Ion Ratio Lower Upper
 83 100
 131 9.5 5.7 17.0
 85 63.4 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 144.537 ug/l
 RT: 12.629 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VY013483.D
 Acq: 26 Apr 2023 19:00

Tgt Ion: 75 Resp: 108542
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

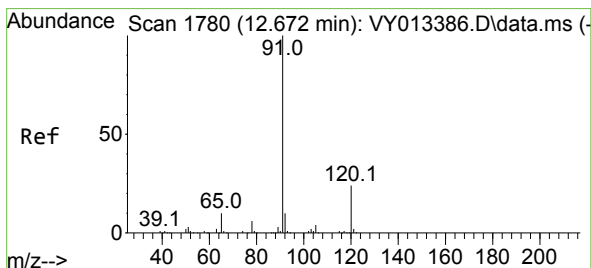
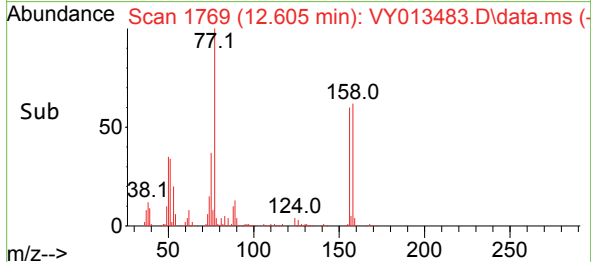
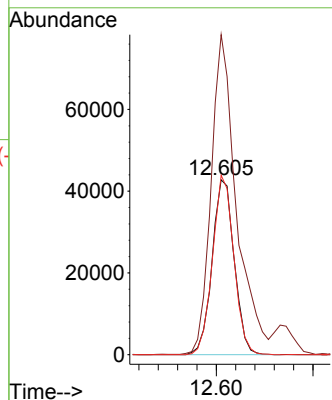
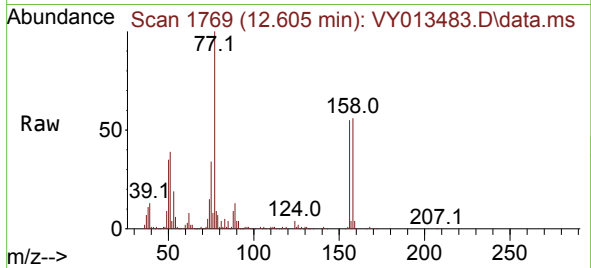




#77
Bromobenzene
Concen: 66.400 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

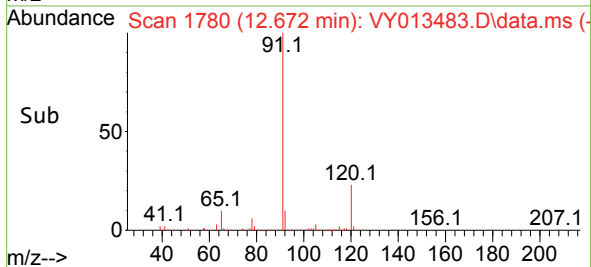
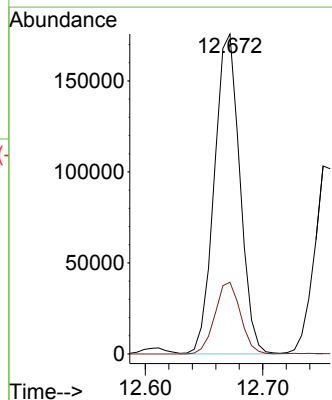
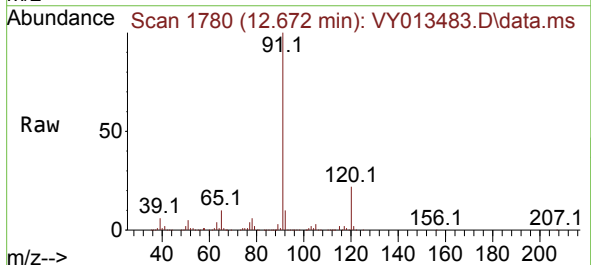
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MS

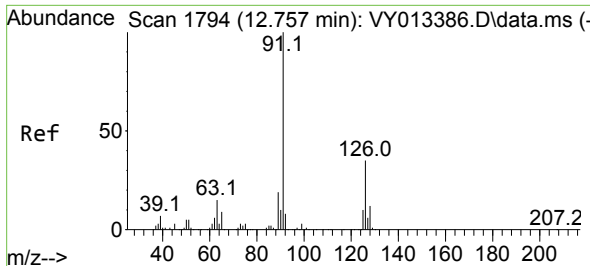
Tgt Ion:156 Resp: 67763
Ion Ratio Lower Upper
156 100
77 209.1 87.6 262.9
158 99.1 48.5 145.5



#78
n-propylbenzene
Concen: 51.086 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

Tgt Ion: 91 Resp: 265022
Ion Ratio Lower Upper
91 100
120 22.5 11.9 35.9

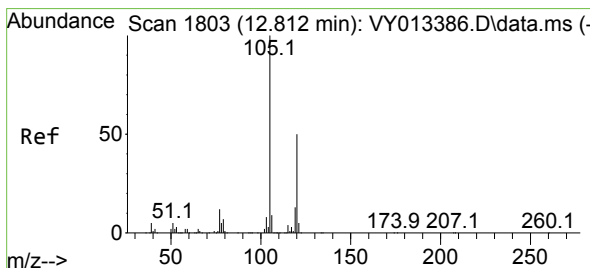
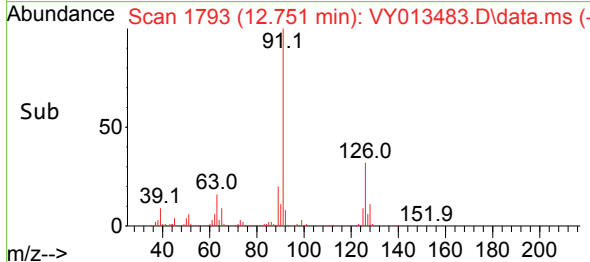
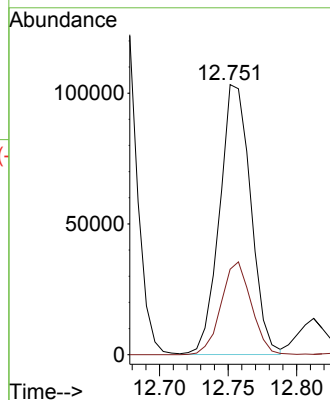
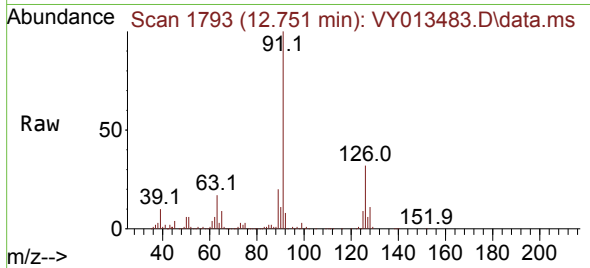




#79
2-Chlorotoluene
Concen: 56.445 ug/l
RT: 12.751 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

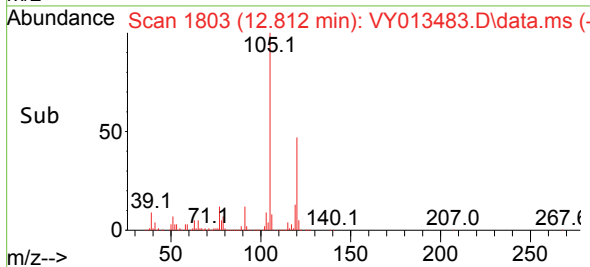
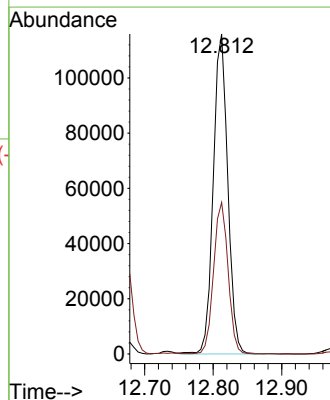
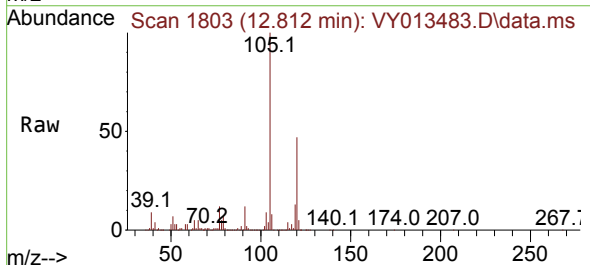
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MS

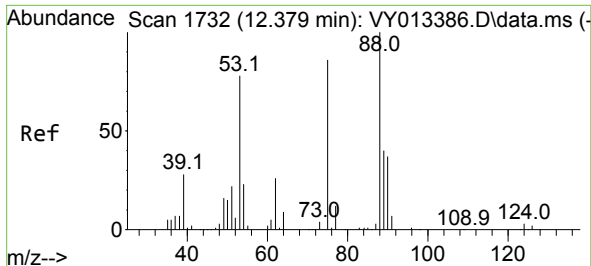
Tgt Ion: 91 Resp: 163521
Ion Ratio Lower Upper
91 100
126 33.3 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 49.628 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

Tgt Ion: 105 Resp: 170602
Ion Ratio Lower Upper
105 100
120 47.3 24.7 74.1

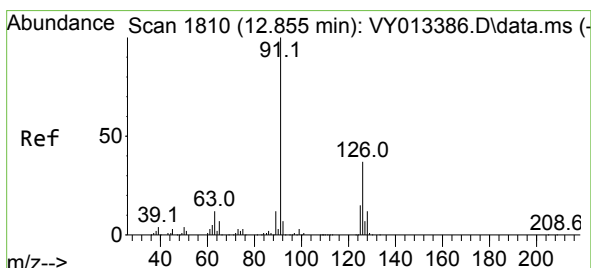
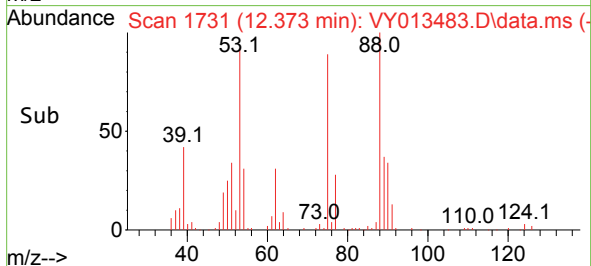
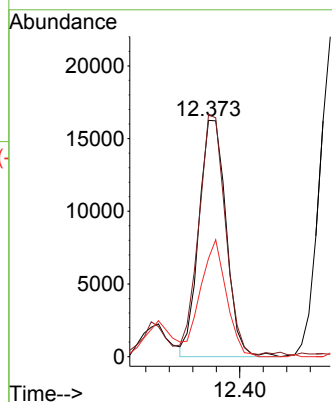
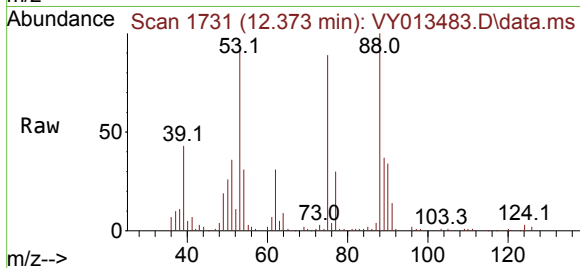




#81
trans-1,4-Dichloro-2-butene
Concen: 71.124 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

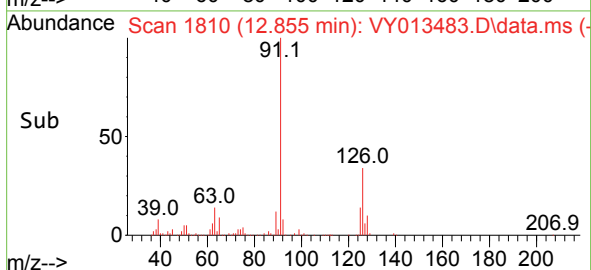
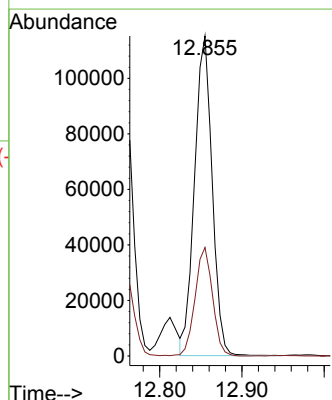
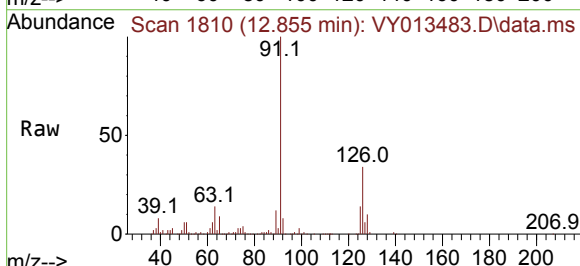
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MS

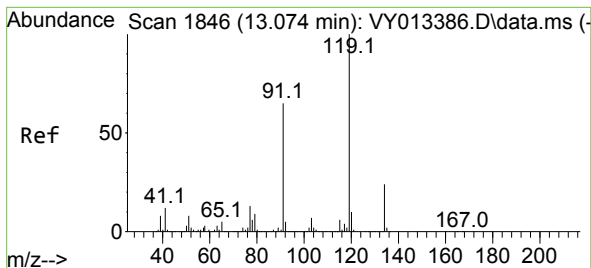
Tgt Ion:	75	Resp:	26111
Ion	Ratio	Lower	Upper
75	100		
53	100.3	73.2	109.8
89	47.5	38.0	57.0



#82
4-Chlorotoluene
Concen: 56.719 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

Tgt Ion:	91	Resp:	171260
Ion	Ratio	Lower	Upper
91	100		
126	33.7	17.9	53.8





#83

tert-Butylbenzene

Concen: 45.368 ug/l

RT: 13.074 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY013483.D

Acq: 26 Apr 2023 19:00

Instrument :

MSVOA_Y

ClientSampleId :

20230200-2-2MS

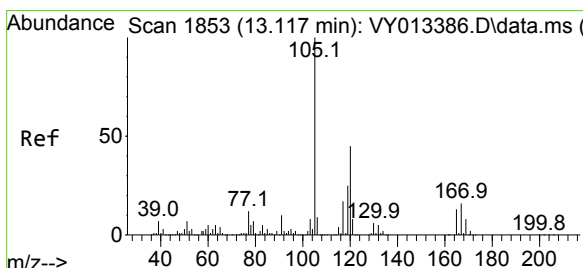
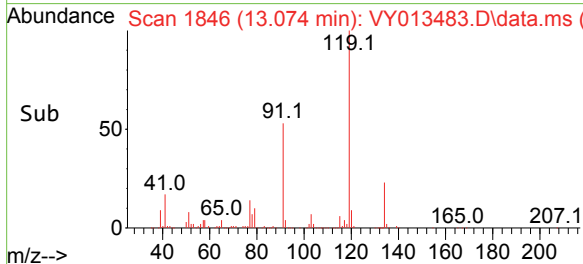
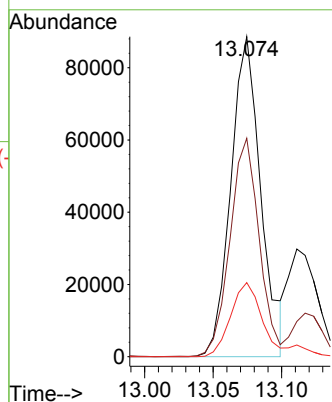
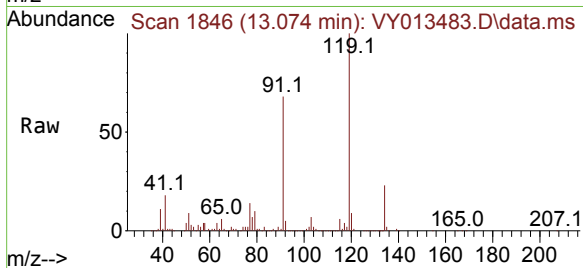
Tgt Ion:119 Resp: 135116

Ion Ratio Lower Upper

119 100

91 66.6 32.2 96.6

134 26.4 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 50.140 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY013483.D

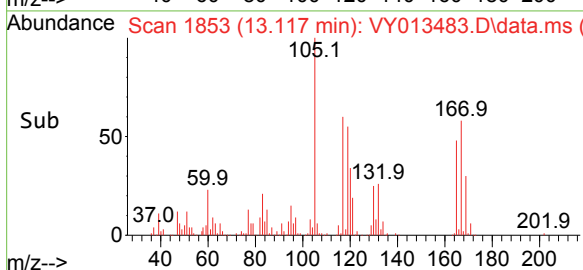
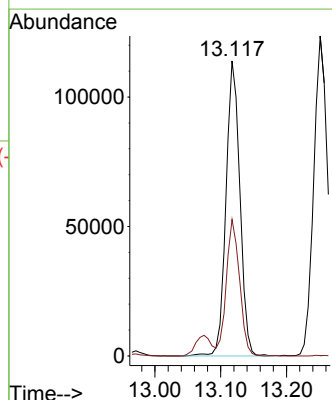
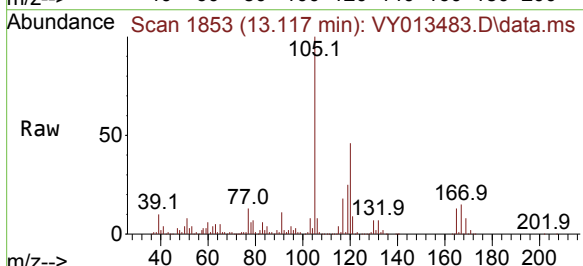
Acq: 26 Apr 2023 19:00

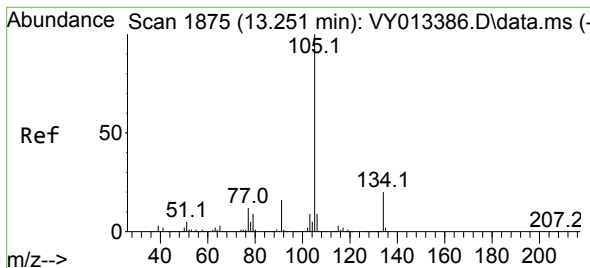
Tgt Ion:105 Resp: 167577

Ion Ratio Lower Upper

105 100

120 44.1 22.3 66.9





#85

sec-Butylbenzene

Concen: 40.638 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013483.D

Acq: 26 Apr 2023 19:00

Instrument :

MSVOA_Y

ClientSampleId :

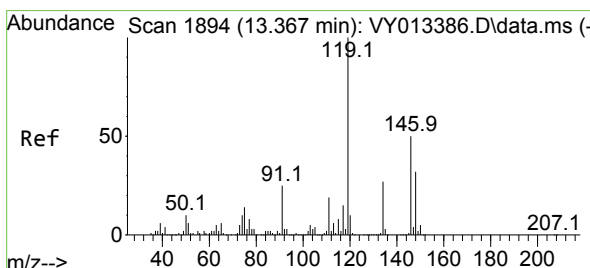
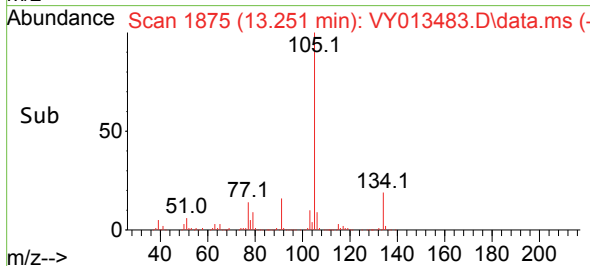
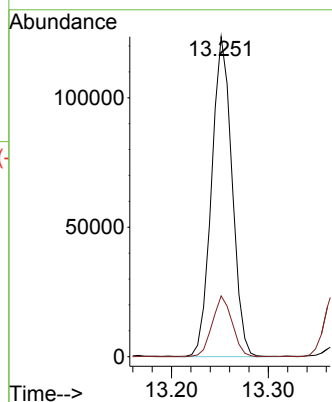
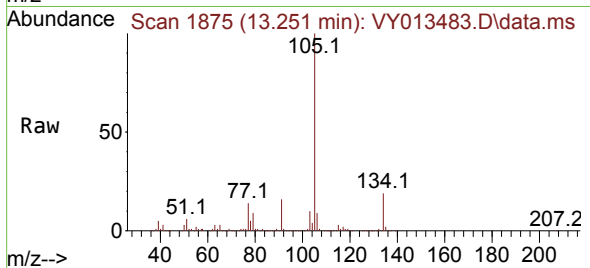
20230200-2-2MS

Tgt Ion:105 Resp: 181641

Ion Ratio Lower Upper

105 100

134 18.5 10.3 30.9



#86

p-Isopropyltoluene

Concen: 39.004 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013483.D

Acq: 26 Apr 2023 19:00

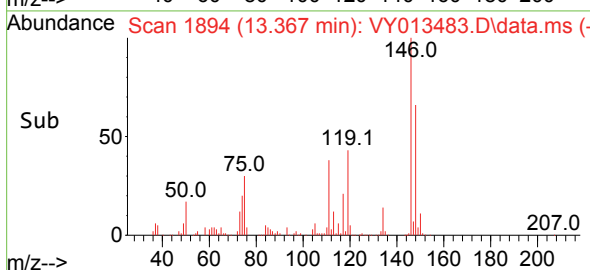
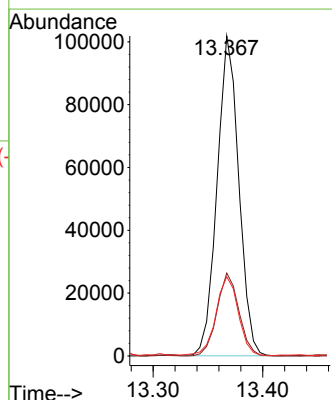
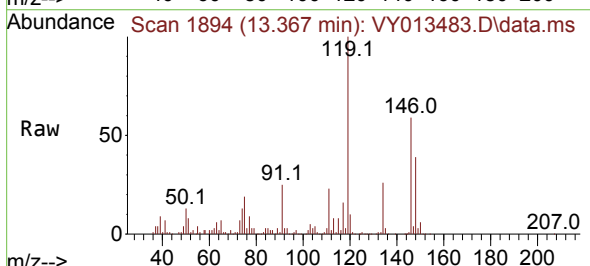
Tgt Ion:119 Resp: 140198

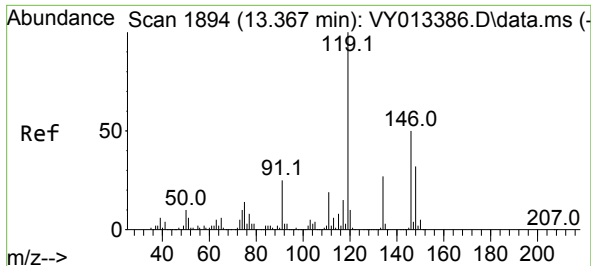
Ion Ratio Lower Upper

119 100

134 26.1 13.4 40.2

91 25.3 12.1 36.3

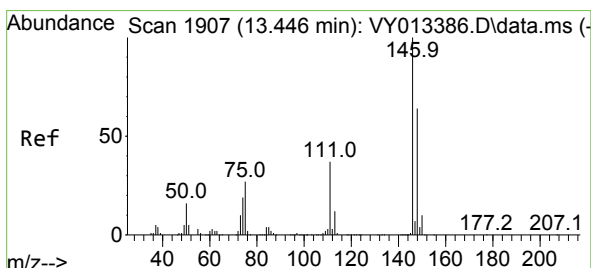
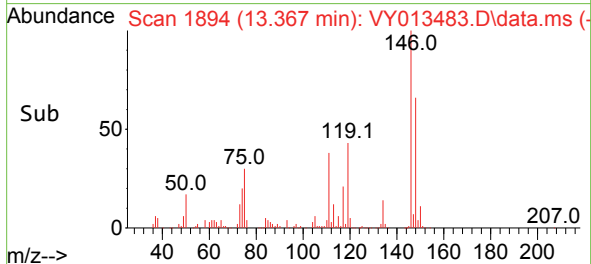
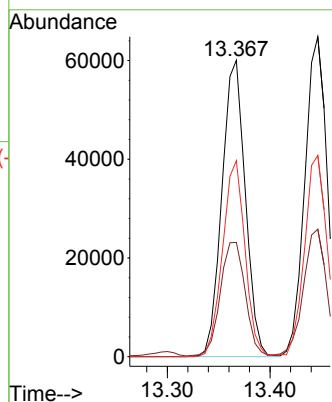
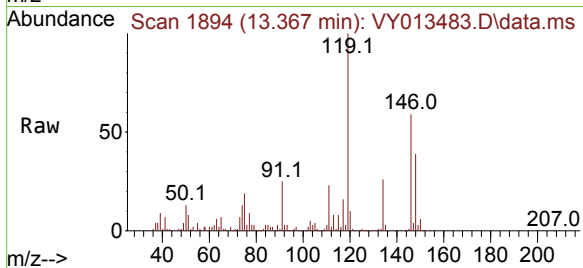




#87
1,3-Dichlorobenzene
Concen: 48.745 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

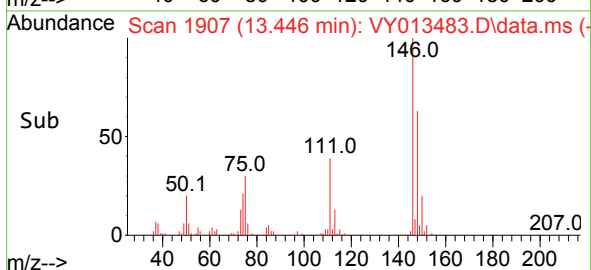
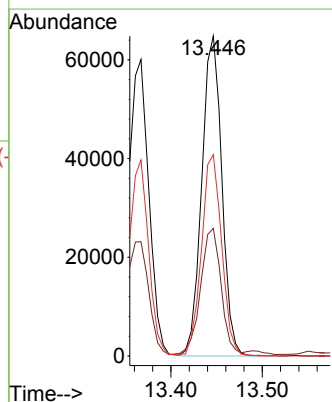
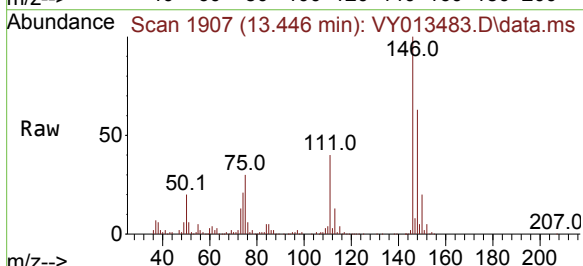
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MS

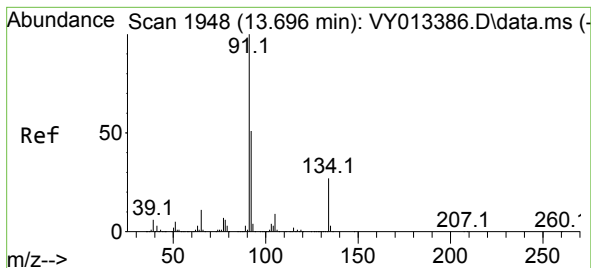
Tgt Ion:146 Resp: 94773
Ion Ratio Lower Upper
146 100
111 40.5 19.3 57.9
148 63.6 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 50.189 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

Tgt Ion:146 Resp: 98572
Ion Ratio Lower Upper
146 100
111 40.2 18.9 56.5
148 63.4 31.9 95.5

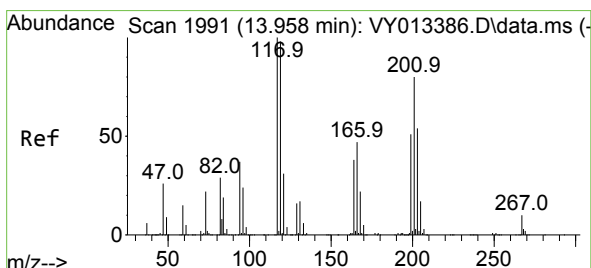
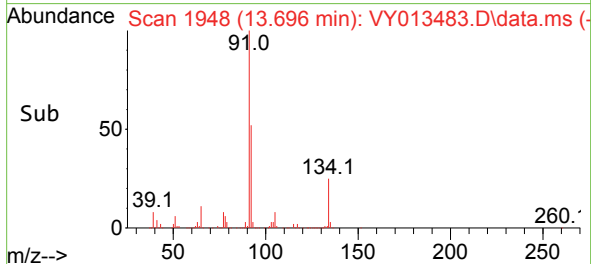
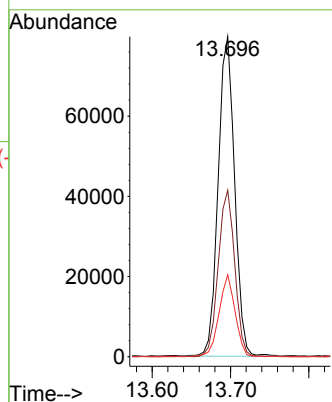
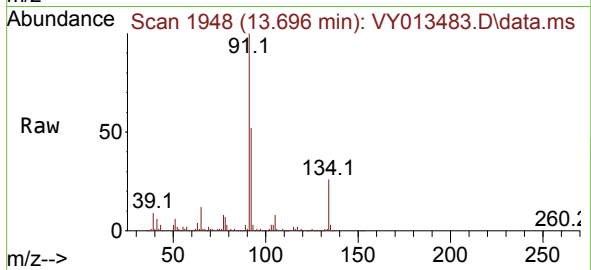




#89
n-Butylbenzene
Concen: 33.205 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

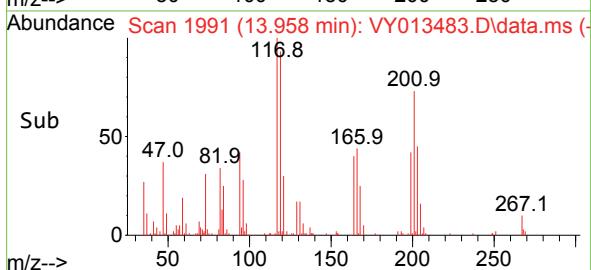
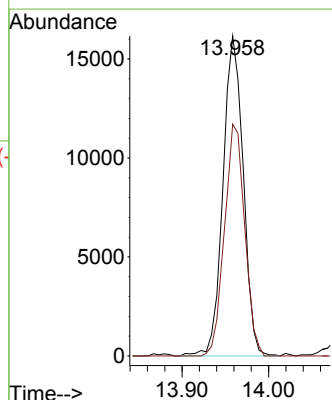
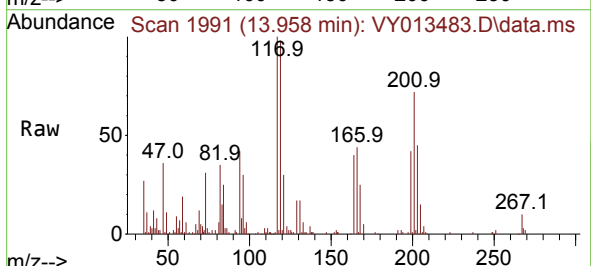
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MS

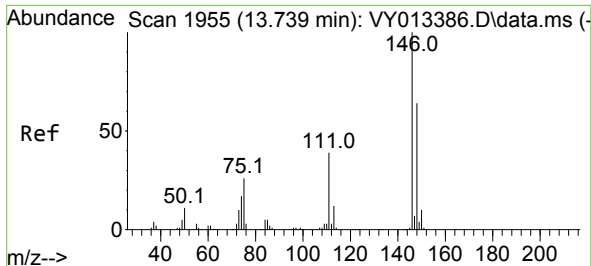
Tgt Ion: 91 Resp: 116490
Ion Ratio Lower Upper
91 100
92 52.3 25.8 77.3
134 25.2 13.5 40.4



#90
Hexachloroethane
Concen: 34.700 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY013483.D
Acq: 26 Apr 2023 19:00

Tgt Ion: 117 Resp: 26251
Ion Ratio Lower Upper
117 100
201 72.6 41.6 124.8

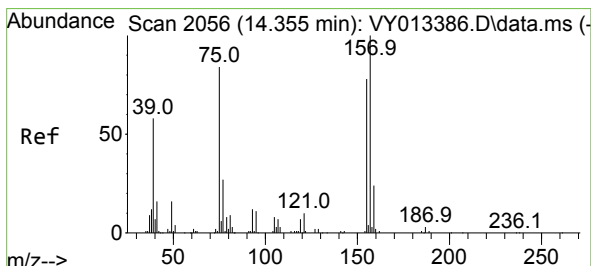
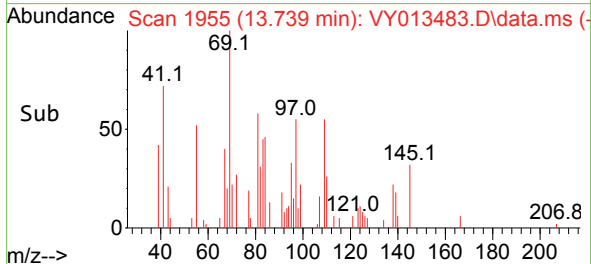
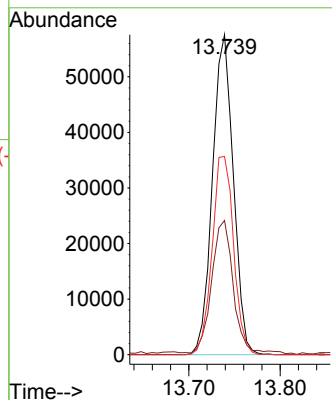
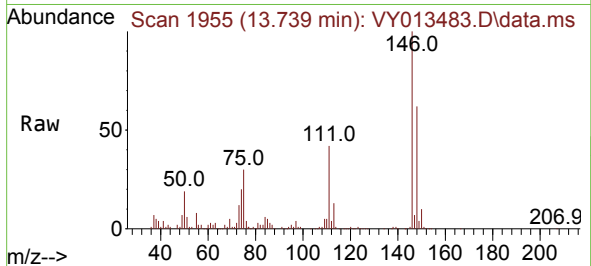




#91
 1,2-Dichlorobenzene
 Concen: 51.955 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY013483.D
 Acq: 26 Apr 2023 19:00

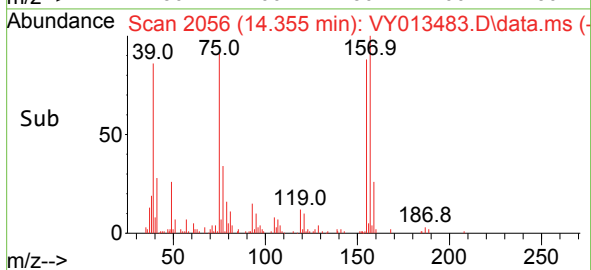
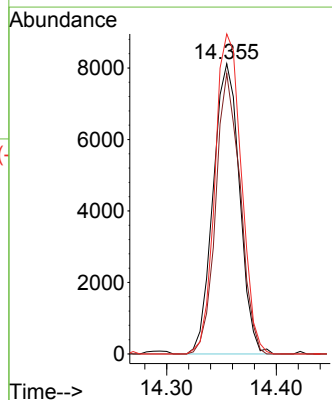
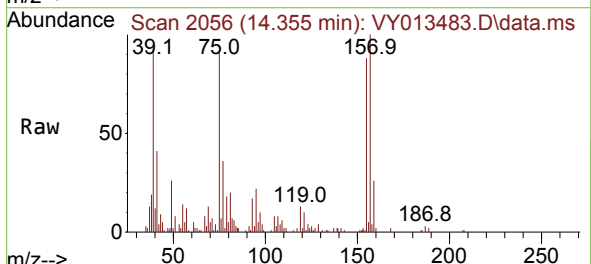
Instrument :
 MSVOA_Y
 ClientSampleId :
 20230200-2-2MS

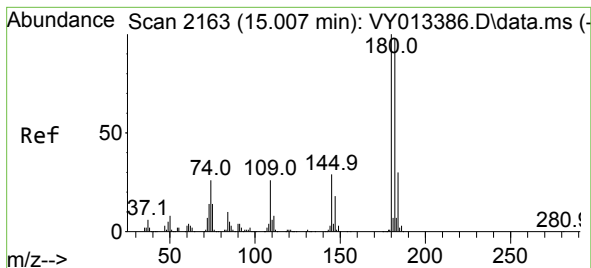
Tgt Ion:146 Resp: 91219
 Ion Ratio Lower Upper
 146 100
 111 44.2 19.8 59.4
 148 63.9 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 74.735 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY013483.D
 Acq: 26 Apr 2023 19:00

Tgt Ion: 75 Resp: 13588
 Ion Ratio Lower Upper
 75 100
 155 89.1 44.6 134.0
 157 110.1 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 25.255 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY013483.D

Acq: 26 Apr 2023 19:00

Instrument :

MSVOA_Y

ClientSampleId :

20230200-2-2MS

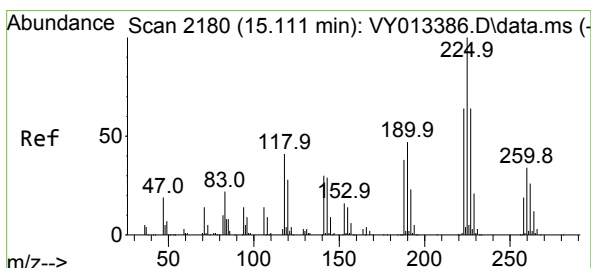
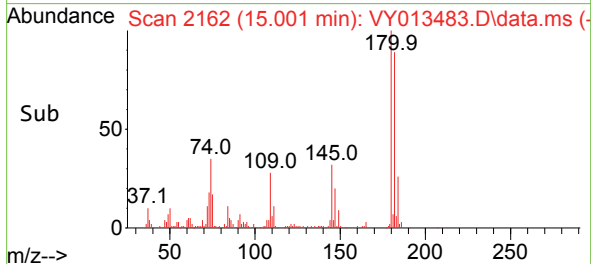
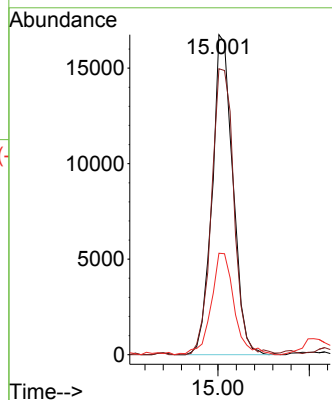
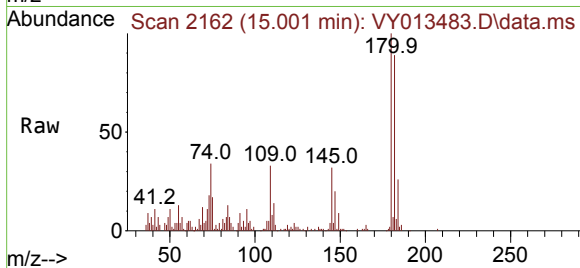
Tgt Ion:180 Resp: 26436

Ion Ratio Lower Upper

180 100

182 96.6 48.5 145.5

145 34.9 15.0 45.0



#94

Hexachlorobutadiene

Concen: 19.575 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013483.D

Acq: 26 Apr 2023 19:00

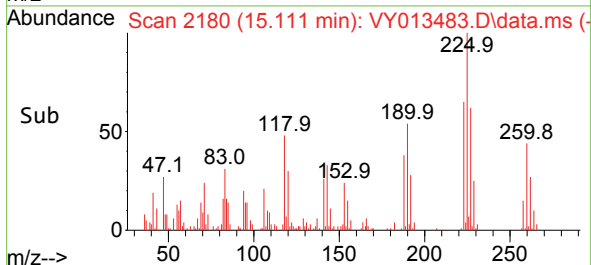
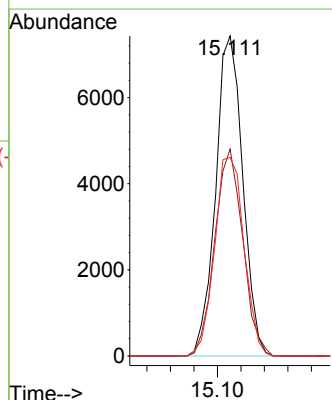
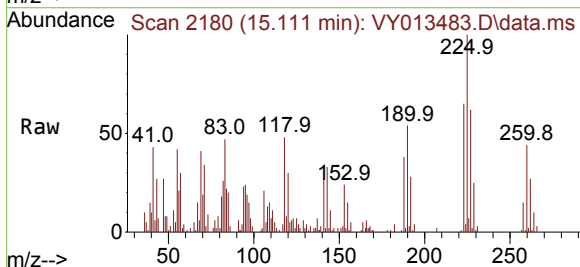
Tgt Ion:225 Resp: 11925

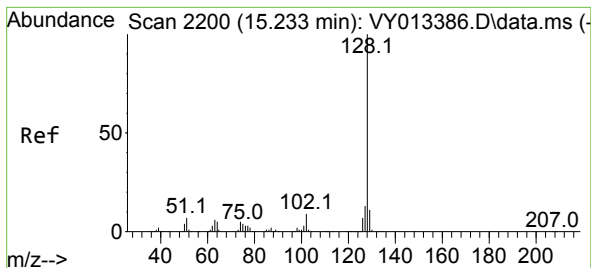
Ion Ratio Lower Upper

225 100

223 66.4 31.4 94.2

227 67.2 32.0 96.0





#95

Naphthalene

Concen: 49.890 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY013483.D

Acq: 26 Apr 2023 19:00

Instrument :

MSVOA_Y

ClientSampleId :

20230200-2-2MS

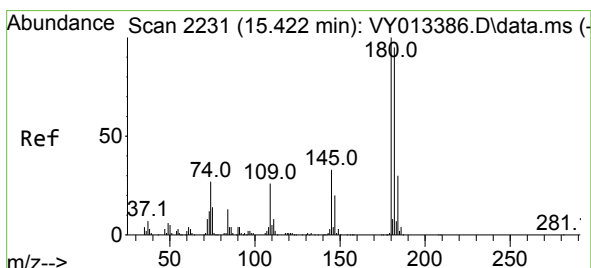
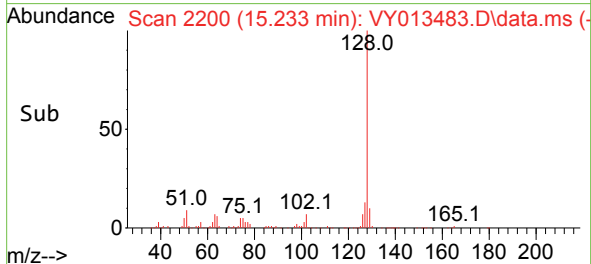
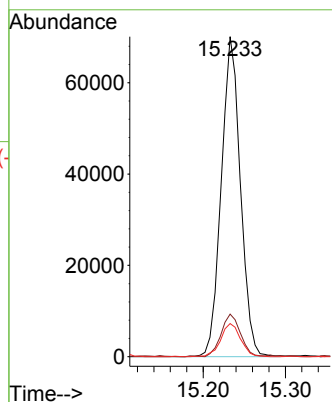
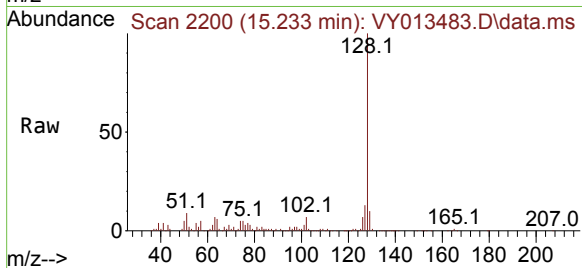
Tgt Ion:128 Resp: 113311

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 25.189 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013483.D

Acq: 26 Apr 2023 19:00

Tgt Ion:180 Resp: 23501

Ion Ratio Lower Upper

180 100

182 92.2 47.1 141.3

145 36.4 15.9 47.7

