

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080723\
 Data File : VY014964.D
 Acq On : 07 Aug 2023 15:22
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Aug 08 07:48:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	322202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	523179	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	465838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	228392	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	19696	5.044	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.080%#
35) Dibromofluoromethane	7.710	113	16180	4.836	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	9.680%#
50) Toluene-d8	10.173	98	65533	5.146	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	10.300%#
62) 4-Bromofluorobenzene	12.477	95	22642	5.017	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	10.040%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	11748	3.810	ug/l	82
3) Chloromethane	2.107	50	14789	5.832	ug/l	98
4) Vinyl Chloride	2.241	62	18098	5.792	ug/l	95
5) Bromomethane	2.638	94	13974	2.977	ug/l	99
6) Chloroethane	2.784	64	11822	5.480	ug/l #	88
7) Trichlorofluoromethane	3.113	101	27021	5.473	ug/l	95
8) Diethyl Ether	3.522	74	9676	5.311	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.887	101	15290	5.231	ug/l	98
10) Methyl Iodide	4.076	142	14274	4.723	ug/l	97
11) Tert butyl alcohol	4.924	59	35667	37.844	ug/l #	89
12) 1,1-Dichloroethene	3.857	96	13460	5.285	ug/l	87
13) Acrolein	3.717	56	7975	24.874	ug/l	98
14) Allyl chloride	4.460	41	22122	5.216	ug/l	97
15) Acrylonitrile	5.149	53	28254	25.383	ug/l	99
16) Acetone	3.942	43	32640	26.803	ug/l	94
17) Carbon Disulfide	4.180	76	30895	5.487	ug/l	99
18) Methyl Acetate	4.460	43	22575	5.091	ug/l	94
19) Methyl tert-butyl Ether	5.210	73	48924	5.078	ug/l	97
20) Methylene Chloride	4.698	84	80784	4.227	ug/l	86
21) trans-1,2-Dichloroethene	5.204	96	15274	5.262	ug/l	91
22) Diisopropyl ether	6.113	45	49534	5.014	ug/l	97
23) Vinyl Acetate	6.052	43	144992	24.417	ug/l	95
24) 1,1-Dichloroethane	6.015	63	29376	5.243	ug/l	99
25) 2-Butanone	6.978	43	46914	26.897	ug/l	98
26) 2,2-Dichloropropane	6.966	77	34321	6.053	ug/l	92
27) cis-1,2-Dichloroethene	6.978	96	19269	5.245	ug/l	94
28) Bromochloromethane	7.326	49	13855	5.485	ug/l	99
29) Tetrahydrofuran	7.338	42	26426	25.836	ug/l	90
30) Chloroform	7.496	83	31397	5.158	ug/l	95
31) Cyclohexane	7.777	56	29325	4.030	ug/l #	70
32) 1,1,1-Trichloroethane	7.698	97	27768	5.177	ug/l	99
36) 1,1-Dichloropropene	7.905	75	21597	5.200	ug/l	97
37) Ethyl Acetate	7.064	43	17318	5.253	ug/l #	91
38) Carbon Tetrachloride	7.893	117	23924	5.123	ug/l	94
39) Methylcyclohexane	9.179	83	26683	5.402	ug/l	93
40) Benzene	8.155	78	65627	5.366	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	8663	5.407	ug/l #	69
42) 1,2-Dichloroethane	8.228	62	22280	5.233	ug/l	95
43) Isopropyl Acetate	8.271	43	31471	5.138	ug/l	97
44) Trichloroethene	8.935	130	18751	5.343	ug/l	90
45) 1,2-Dichloropropane	9.210	63	17221	5.298	ug/l	100
46) Dibromomethane	9.301	93	10882	5.197	ug/l	97
47) Bromodichloromethane	9.490	83	23844	4.945	ug/l	98
48) Methyl methacrylate	9.289	41	13304	4.950	ug/l	95
49) 1,4-Dioxane	9.295	88	4128	105.984	ug/l #	60
51) 4-Methyl-2-Pentanone	10.063	43	85568	24.788	ug/l	94
52) Toluene	10.240	92	41885	5.322	ug/l	92
53) t-1,3-Dichloropropene	10.465	75	24161	4.811	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	27287	5.029	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	15818	5.197	ug/l	95
56) Ethyl methacrylate	10.508	69	20647	4.738	ug/l	93
57) 1,3-Dichloropropane	10.789	76	25932	5.150	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.777	63	47848	23.221	ug/l	93
59) 2-Hexanone	10.825	43	61877	24.265	ug/l	91
60) Dibromochloromethane	10.984	129	17911	4.943	ug/l	98
61) 1,2-Dibromoethane	11.087	107	14780	5.088	ug/l	98
64) Tetrachloroethene	10.715	164	18195	5.192	ug/l	89
65) Chlorobenzene	11.514	112	47161	5.335	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	17224	4.973	ug/l	97
67) Ethyl Benzene	11.587	91	80700	5.202	ug/l	97
68) m/p-Xylenes	11.697	106	61671	10.392	ug/l	94
69) o-Xylene	12.026	106	29871	5.144	ug/l	98
70) Styrene	12.038	104	49385	4.976	ug/l	98
71) Bromoform	12.203	173	11425	4.785	ug/l #	100
73) Isopropylbenzene	12.325	105	80759	5.260	ug/l	100
74) N-amyl acetate	12.142	43	24913	4.749	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	19178	5.112	ug/l	95
76) 1,2,3-Trichloropropane	12.630	75	24890	9.095	ug/l #	100
77) Bromobenzene	12.605	156	19707	5.292	ug/l	98
78) n-propylbenzene	12.666	91	96417	5.251	ug/l	100
79) 2-Chlorotoluene	12.752	91	55233	5.278	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	64944	5.133	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.374	75	5635	4.536	ug/l	95
82) 4-Chlorotoluene	12.855	91	56861	5.256	ug/l	100
83) tert-Butylbenzene	13.075	119	59986	5.183	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	65389	5.159	ug/l	99
85) sec-Butylbenzene	13.251	105	89301	5.257	ug/l	100
86) p-Isopropyltoluene	13.367	119	71376	5.076	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	38670	5.305	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	38395	5.282	ug/l	93
89) n-Butylbenzene	13.690	91	67772	5.130	ug/l	97
90) Hexachloroethane	13.953	117	14308	5.240	ug/l	87
91) 1,2-Dichlorobenzene	13.733	146	34864	5.182	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4090	5.583	ug/l	94
93) 1,2,4-Trichlorobenzene	15.001	180	22115	5.137	ug/l	96
94) Hexachlorobutadiene	15.111	225	12369	5.299	ug/l	97
95) Naphthalene	15.233	128	48520	4.790	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	19732	5.064	ug/l	98

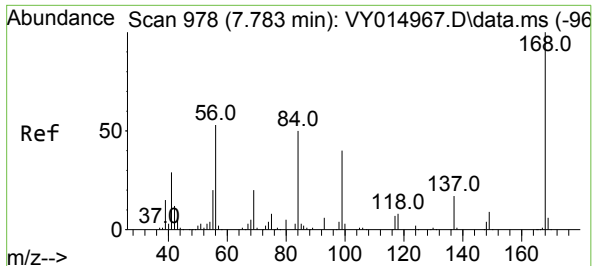
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Instrument :
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ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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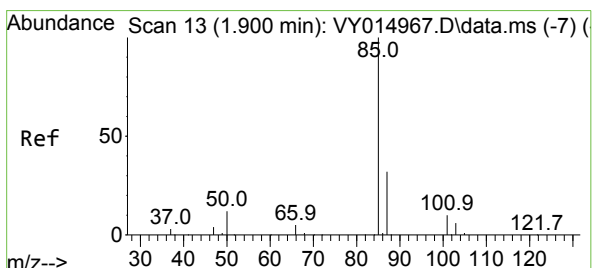
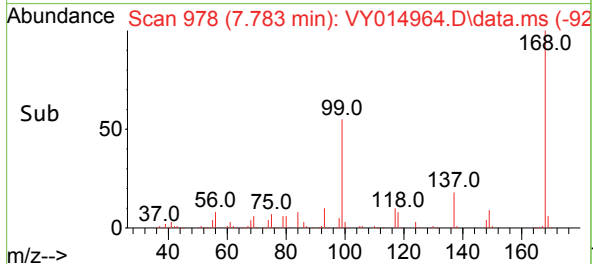
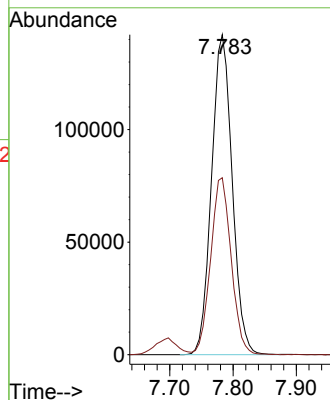
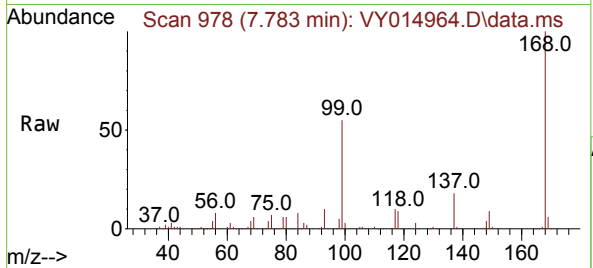
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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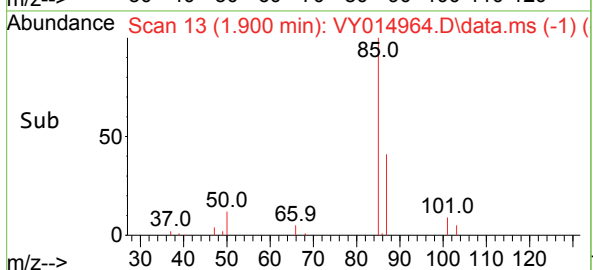
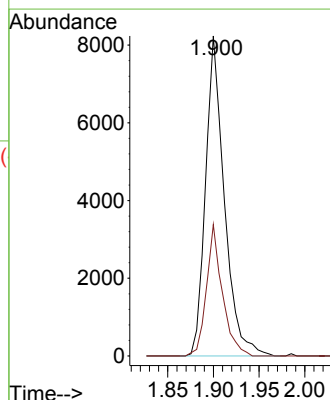
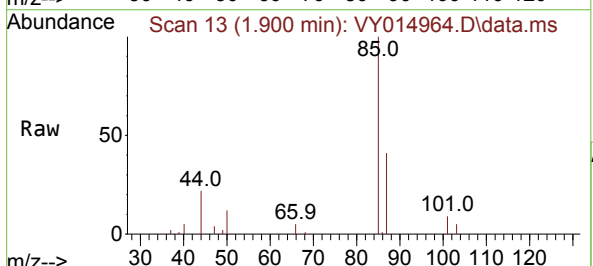
Instrument :
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VSTDIC005

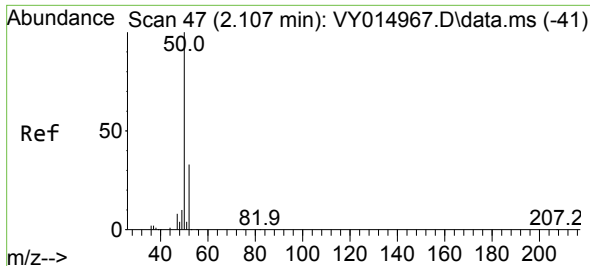
Tgt Ion:168 Resp: 322202
Ion Ratio Lower Upper
168 100
99 55.3 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 3.810 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY014964.D
Acq: 07 Aug 2023 15:22

Tgt Ion: 85 Resp: 11748
Ion Ratio Lower Upper
85 100
87 41.0 15.6 46.8

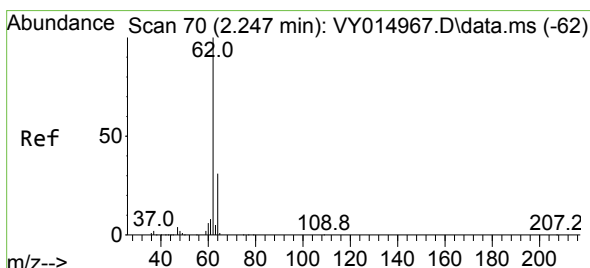
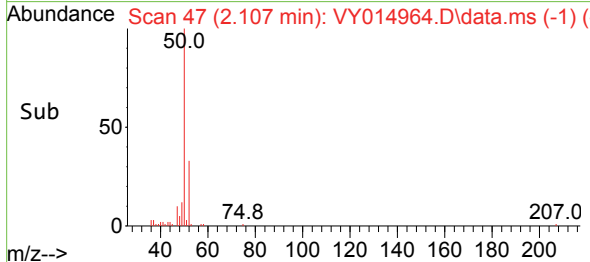
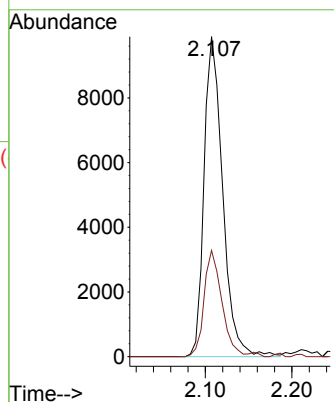
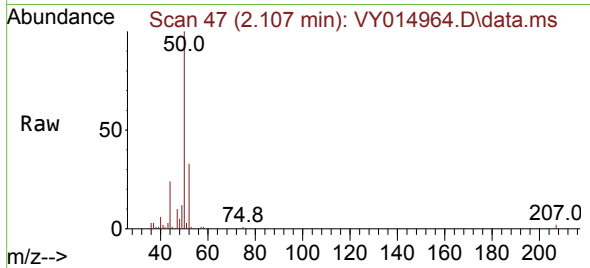




#3
Chloromethane
Concen: 5.832 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014964.D
Acq: 07 Aug 2023 15:22

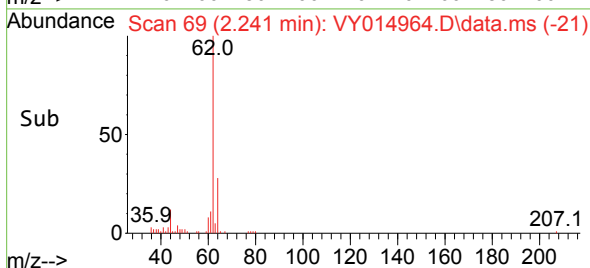
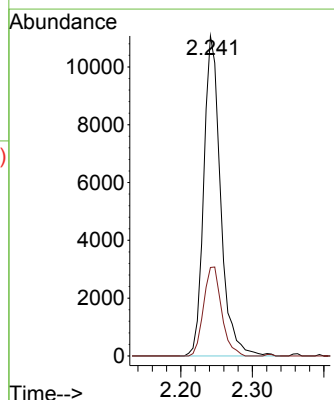
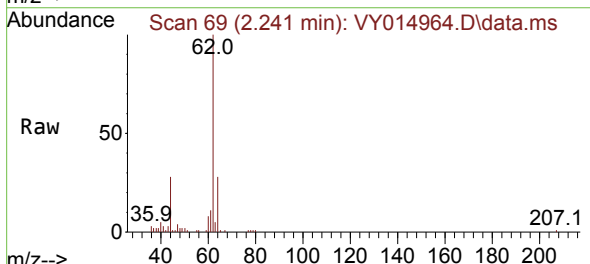
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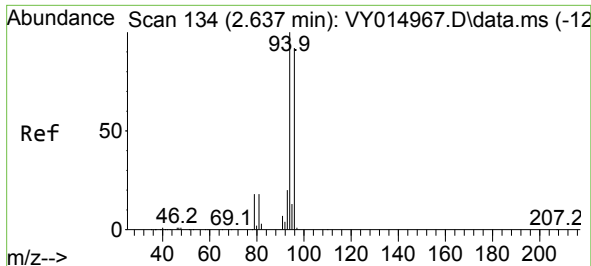
Tgt Ion: 50 Resp: 14789
Ion Ratio Lower Upper
50 100
52 33.2 25.4 38.2



#4
Vinyl Chloride
Concen: 5.792 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY014964.D
Acq: 07 Aug 2023 15:22

Tgt Ion: 62 Resp: 18098
Ion Ratio Lower Upper
62 100
64 27.6 24.3 36.5

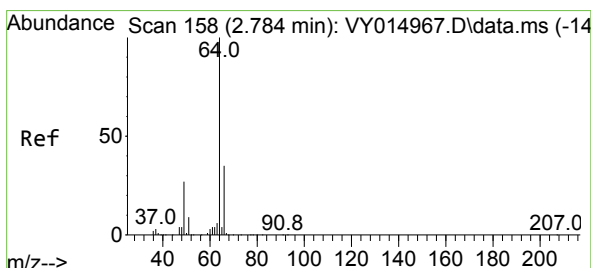
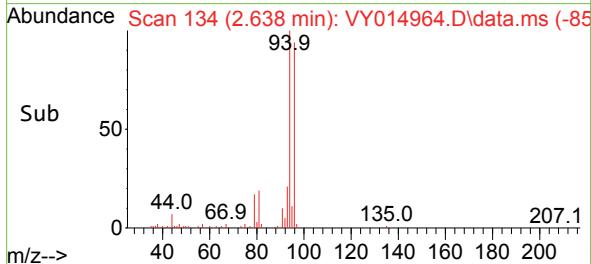
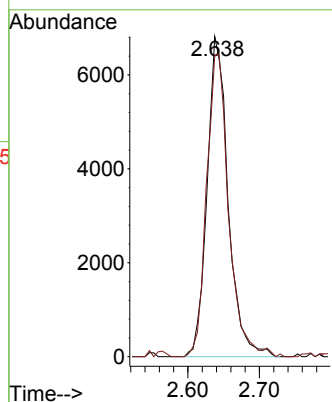
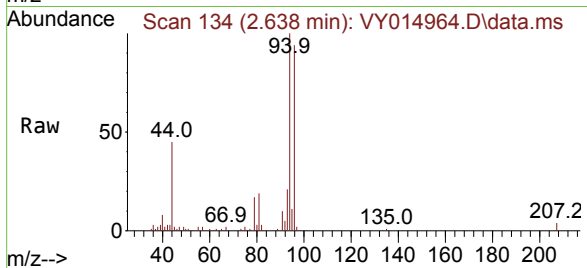




#5
Bromomethane
Concen: 2.977 ug/l
RT: 2.638 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014964.D
Acq: 07 Aug 2023 15:22

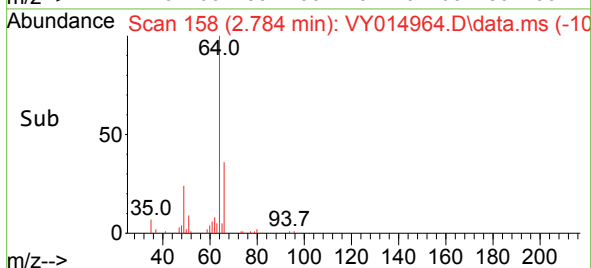
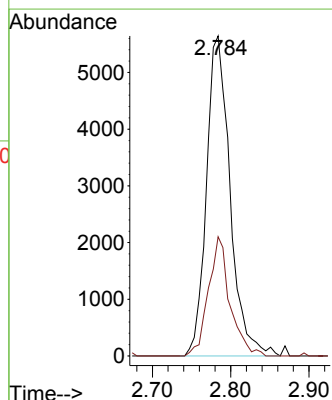
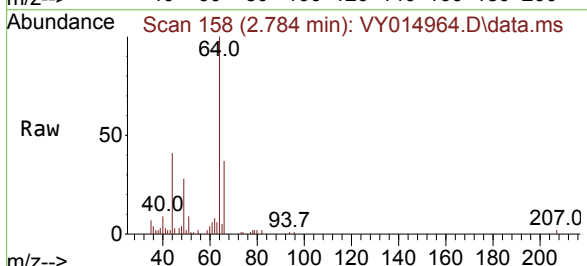
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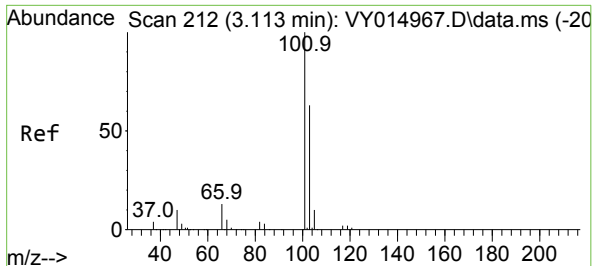
Tgt Ion: 94 Resp: 13974
Ion Ratio Lower Upper
94 100
96 94.0 75.8 113.6



#6
Chloroethane
Concen: 5.480 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.000 min
Lab File: VY014964.D
Acq: 07 Aug 2023 15:22

Tgt Ion: 64 Resp: 11822
Ion Ratio Lower Upper
64 100
66 37.3 24.4 36.6#

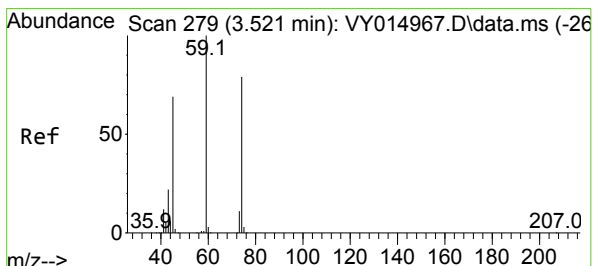
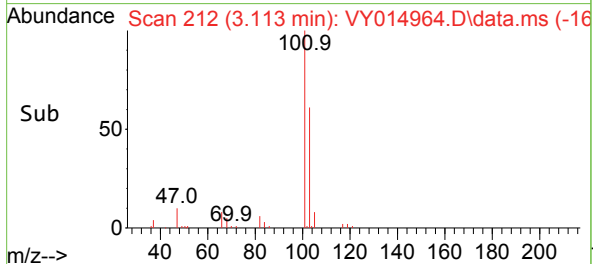
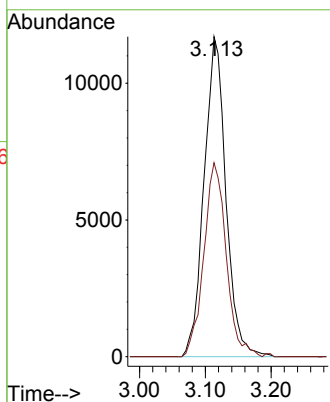
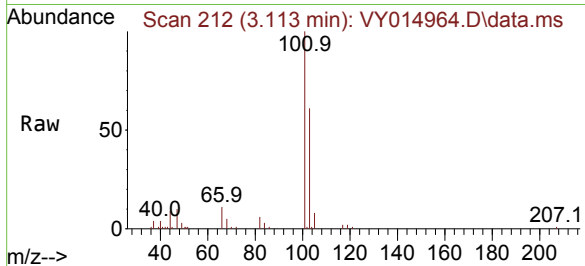




#7
 Trichlorofluoromethane
 Concen: 5.473 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VY014964.D
 Acq: 07 Aug 2023 15:22

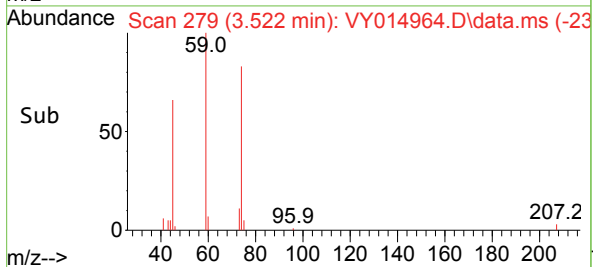
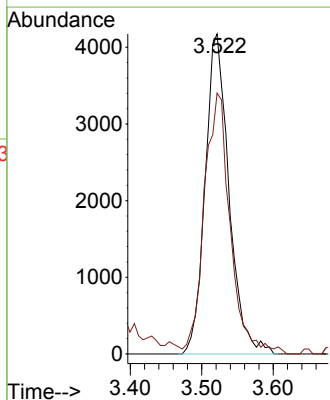
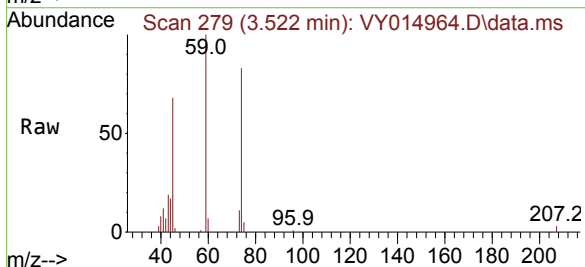
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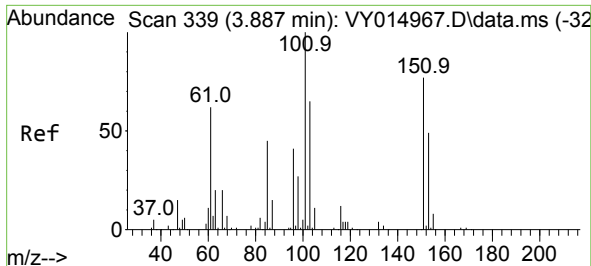
Tgt Ion:101 Resp: 27021
 Ion Ratio Lower Upper
 101 100
 103 60.6 51.4 77.0



#8
 Diethyl Ether
 Concen: 5.311 ug/l
 RT: 3.522 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VY014964.D
 Acq: 07 Aug 2023 15:22

Tgt Ion: 74 Resp: 9676
 Ion Ratio Lower Upper
 74 100
 45 88.7 51.5 154.5

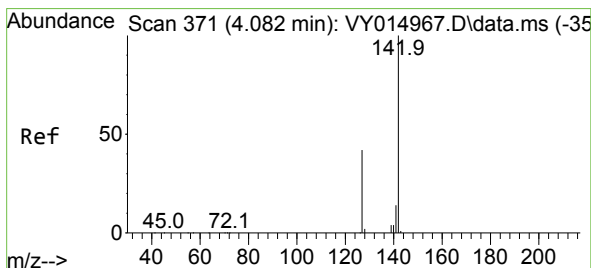
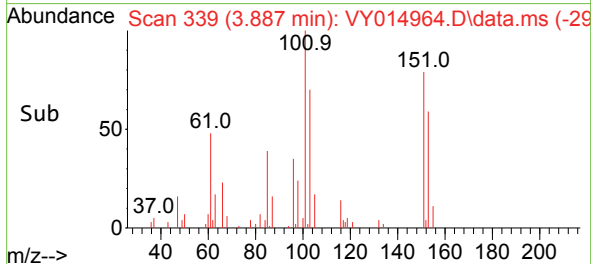
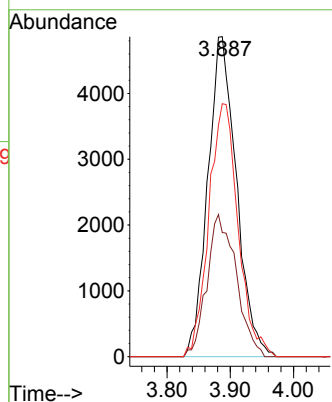
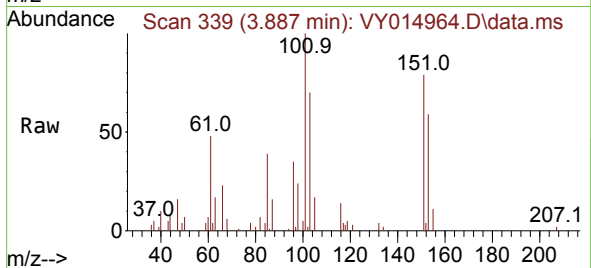




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 5.231 ug/l
 RT: 3.887 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VY014964.D
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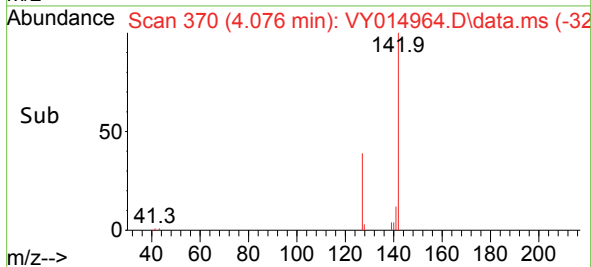
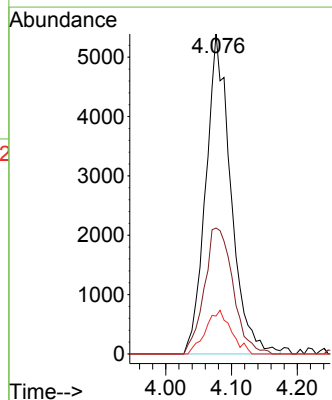
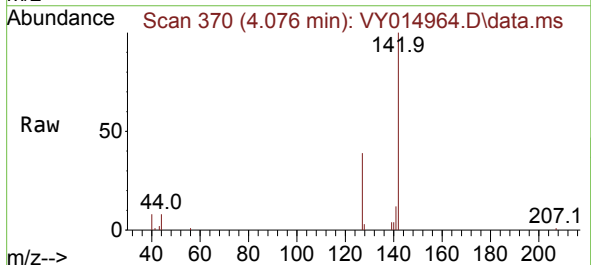
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 ClientSampleId :
 VSTDIC005

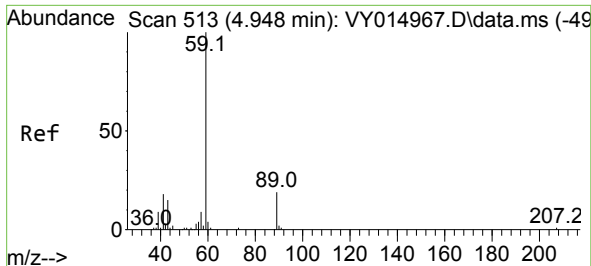
Tgt Ion:101 Resp: 15290
 Ion Ratio Lower Upper
 101 100
 85 45.4 36.6 55.0
 151 80.8 67.0 100.6



#10
 Methyl Iodide
 Concen: 4.723 ug/l
 RT: 4.076 min Scan# 370
 Delta R.T. -0.006 min
 Lab File: VY014964.D
 Acq: 07 Aug 2023 15:22

Tgt Ion:142 Resp: 14274
 Ion Ratio Lower Upper
 142 100
 127 45.1 37.6 56.4
 141 13.9 11.8 17.8

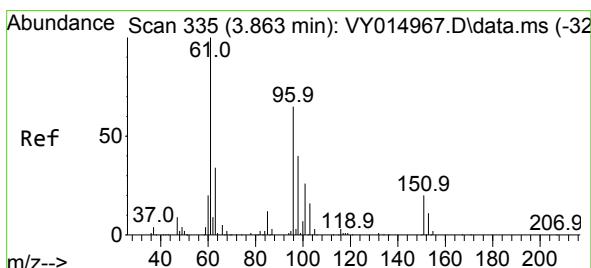
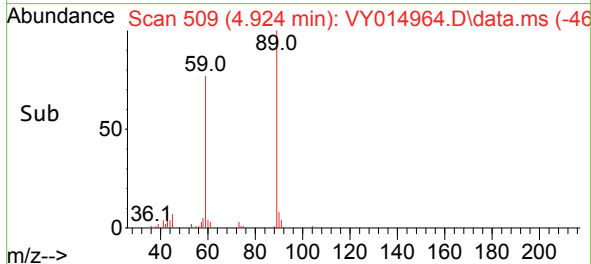
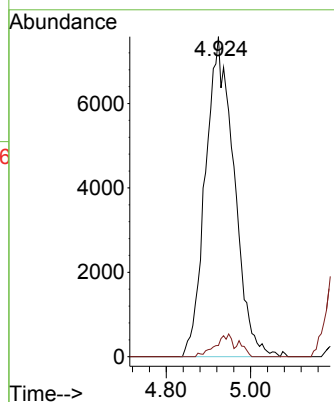
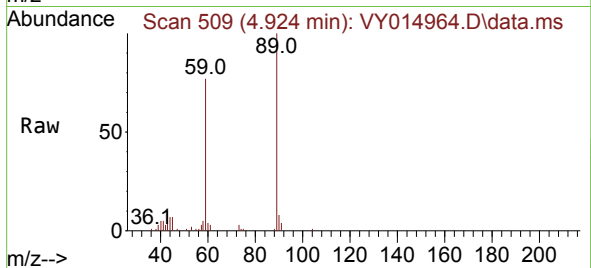




#11
Tert butyl alcohol
Concen: 37.844 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY014964.D
Acq: 07 Aug 2023 15:22

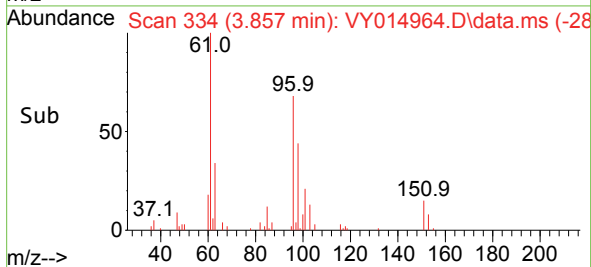
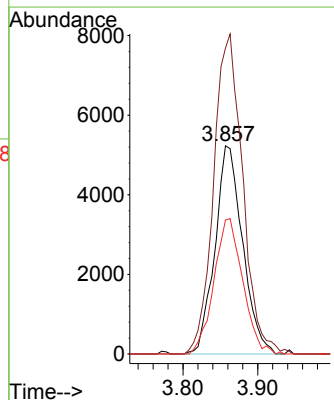
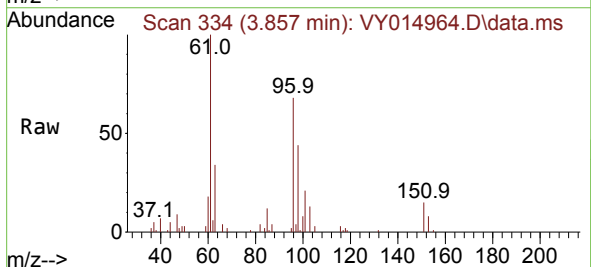
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

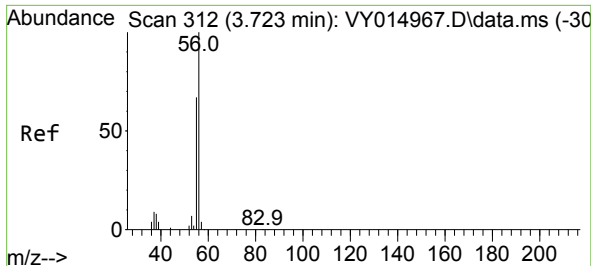
Tgt Ion: 59 Resp: 35667
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 5.285 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY014964.D
Acq: 07 Aug 2023 15:22

Tgt Ion: 96 Resp: 13460
Ion Ratio Lower Upper
96 100
61 147.0 136.4 204.6
98 64.4 49.4 74.2





#13

Acrolein

Concen: 24.874 ug/l

RT: 3.717 min Scan# 311

Delta R.T. -0.006 min

Lab File: VY014964.D

Acq: 07 Aug 2023 15:22

Instrument :

MSVOA_Y

ClientSampleId :

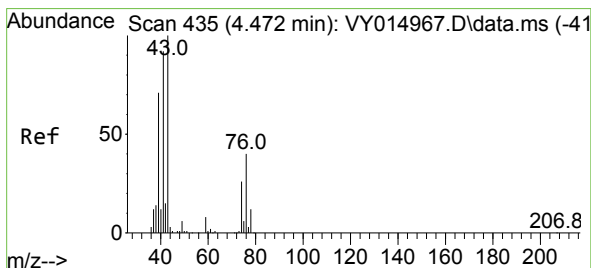
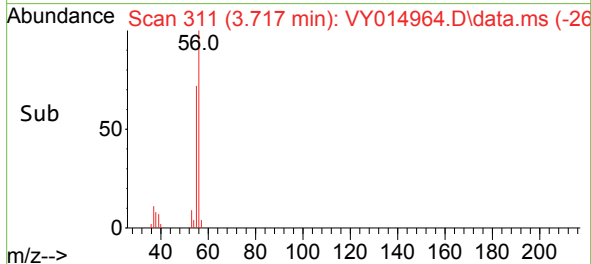
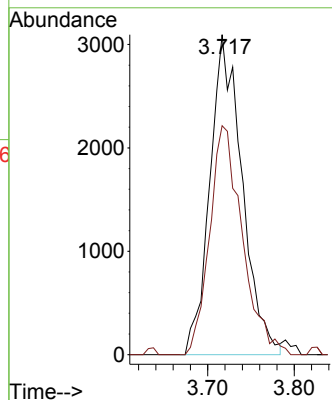
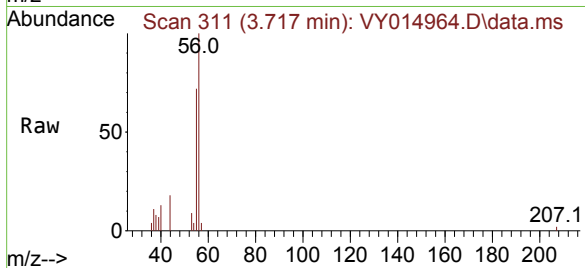
VSTDICC005

Tgt Ion: 56 Resp: 7975

Ion Ratio Lower Upper

56 100

55 72.7 57.0 85.4



#14

Allyl chloride

Concen: 5.216 ug/l

RT: 4.460 min Scan# 433

Delta R.T. -0.012 min

Lab File: VY014964.D

Acq: 07 Aug 2023 15:22

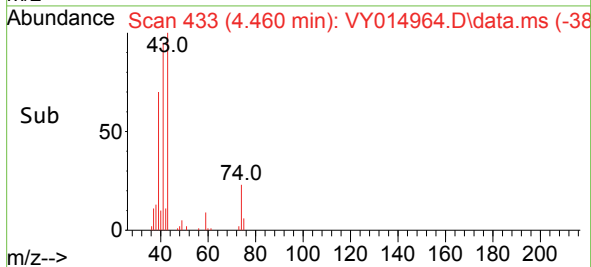
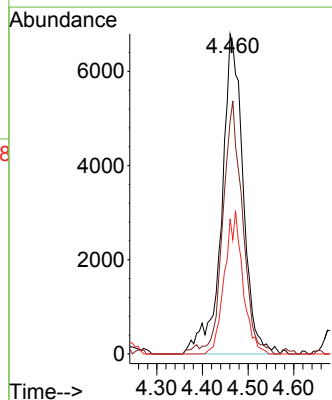
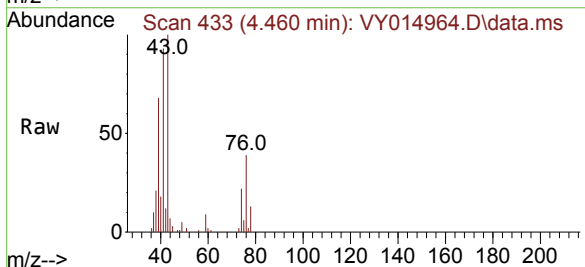
Tgt Ion: 41 Resp: 22122

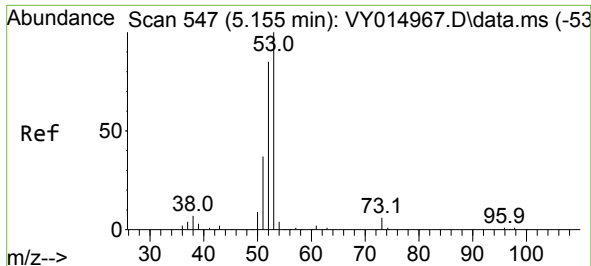
Ion Ratio Lower Upper

41 100

39 71.3 58.0 87.0

76 38.2 27.4 41.2

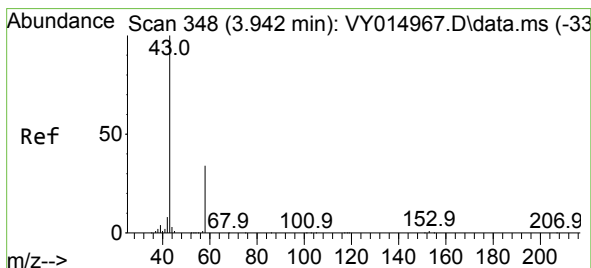
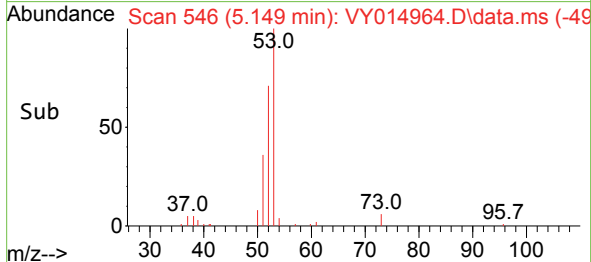
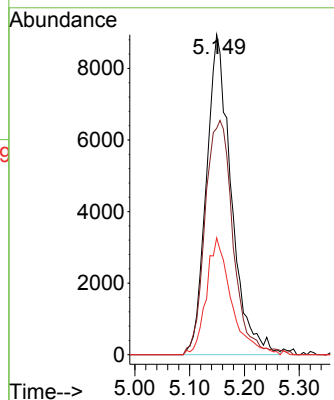
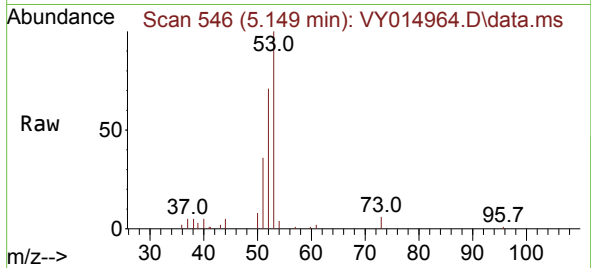




#15
Acrylonitrile
Concen: 25.383 ug/l
RT: 5.149 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY014964.D
Acq: 07 Aug 2023 15:22

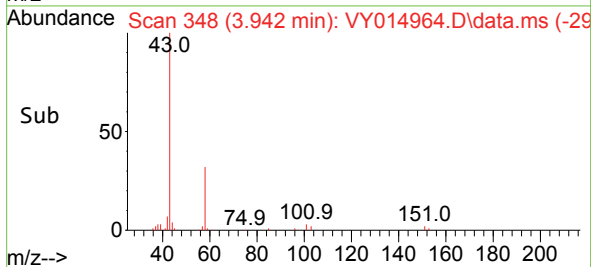
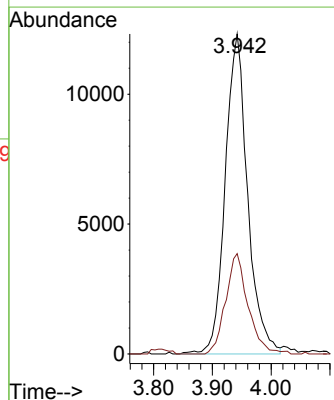
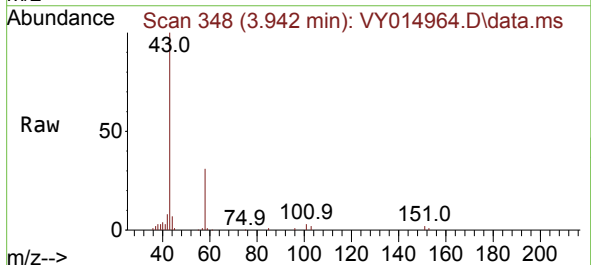
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

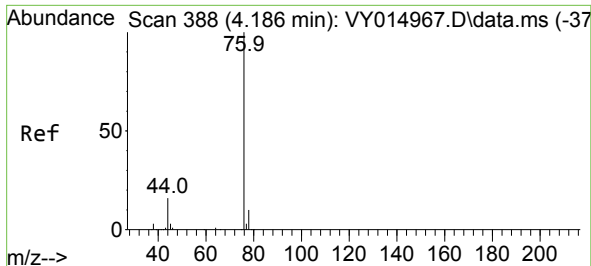
Tgt Ion: 53	Resp: 28254
Ion Ratio	Lower Upper
53 100	
52 82.2	66.9 100.3
51 36.6	29.8 44.6



#16
Acetone
Concen: 26.803 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014964.D
Acq: 07 Aug 2023 15:22

Tgt Ion: 43	Resp: 32640
Ion Ratio	Lower Upper
43 100	
58 31.3	22.7 34.1

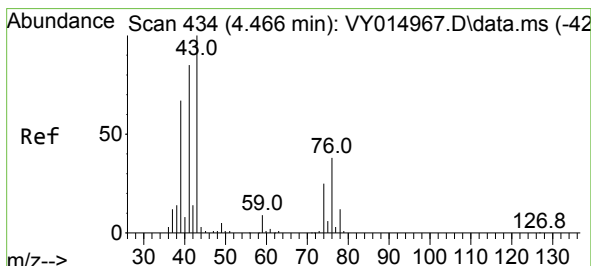
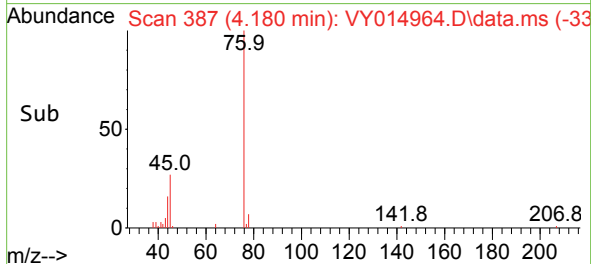
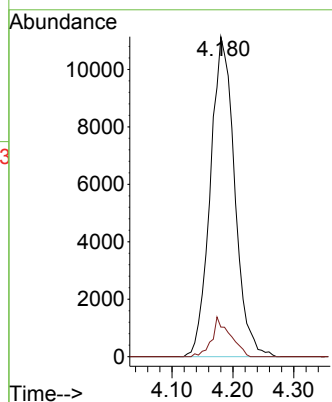
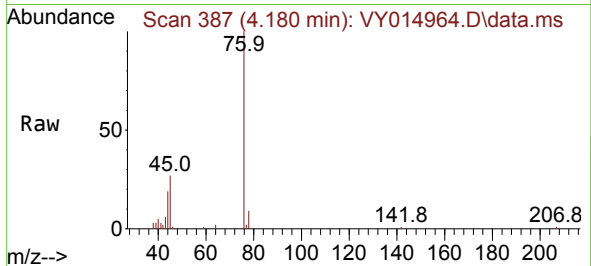




#17
Carbon Disulfide
Concen: 5.487 ug/l
RT: 4.180 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY014964.D
Acq: 07 Aug 2023 15:22

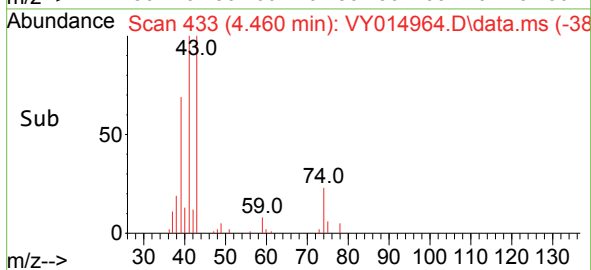
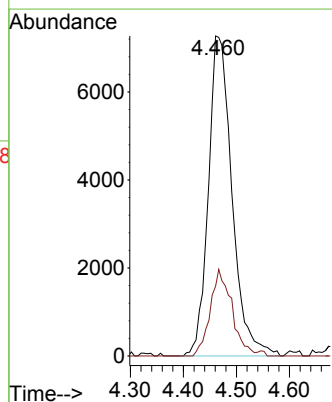
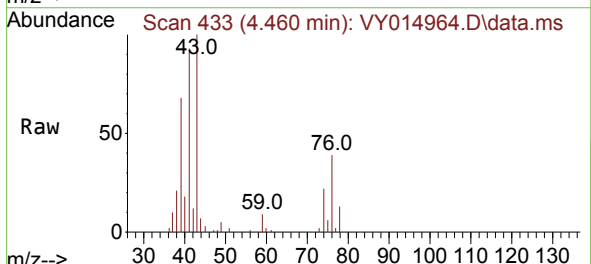
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

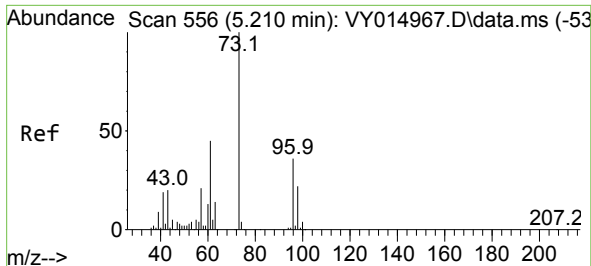
Tgt Ion: 76 Resp: 30895
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4



#18
Methyl Acetate
Concen: 5.091 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY014964.D
Acq: 07 Aug 2023 15:22

Tgt Ion: 43 Resp: 22575
Ion Ratio Lower Upper
43 100
74 24.7 17.4 26.0

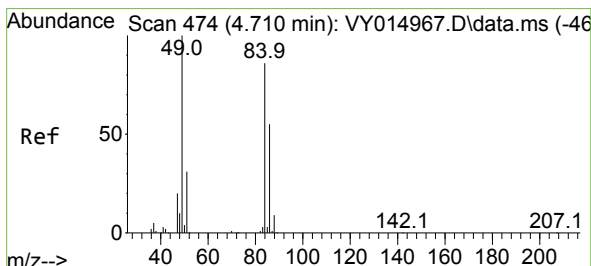
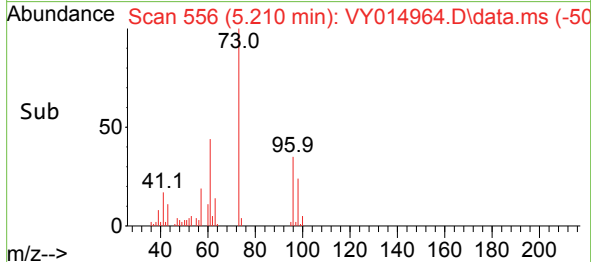
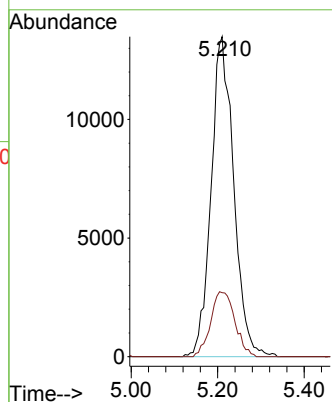
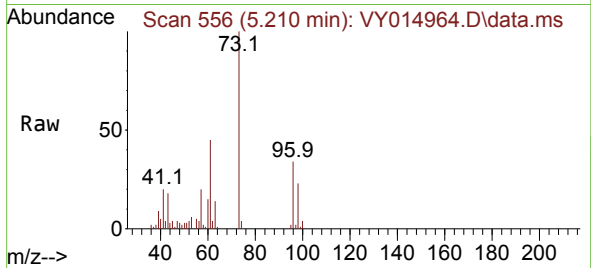




#19
Methyl tert-butyl Ether
Concen: 5.078 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014964.D
Acq: 07 Aug 2023 15:22

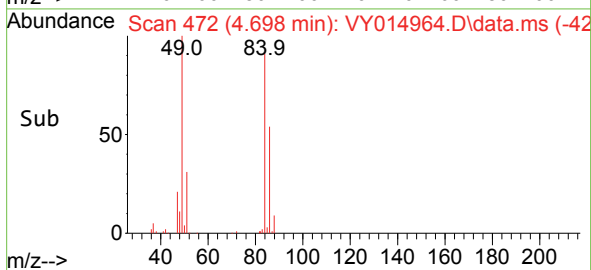
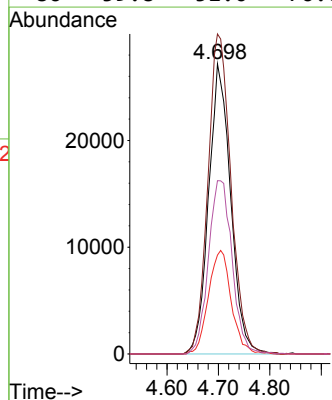
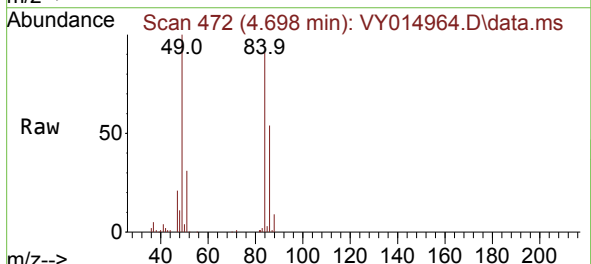
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

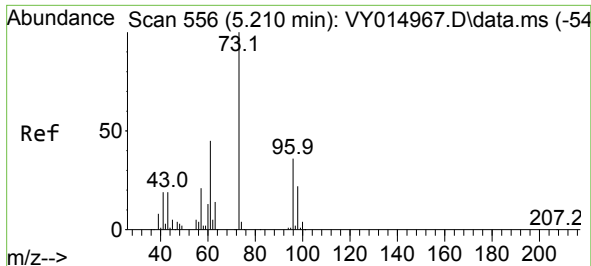
Tgt Ion: 73 Resp: 48924
Ion Ratio Lower Upper
73 100
57 20.0 17.3 25.9



#20
Methylene Chloride
Concen: 4.227 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.012 min
Lab File: VY014964.D
Acq: 07 Aug 2023 15:22

Tgt Ion: 84 Resp: 80784
Ion Ratio Lower Upper
84 100
49 110.3 106.9 160.3
51 34.1 33.2 49.8
86 59.8 51.0 76.6

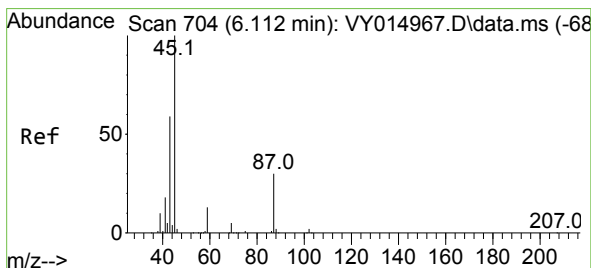
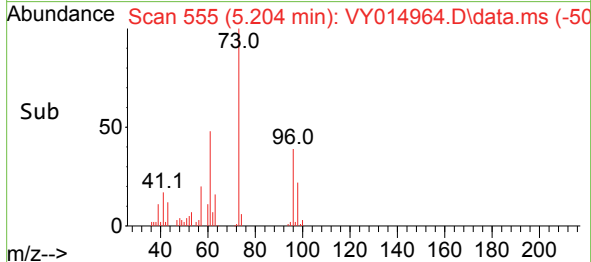
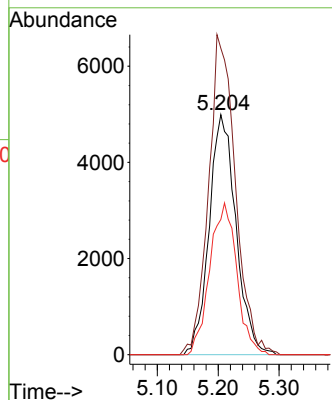
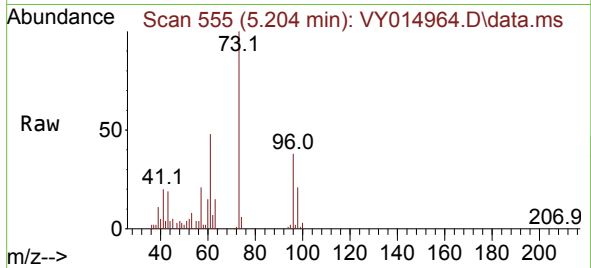




#21
trans-1,2-Dichloroethene
Concen: 5.262 ug/l
RT: 5.204 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY014964.D
Acq: 07 Aug 2023 15:22

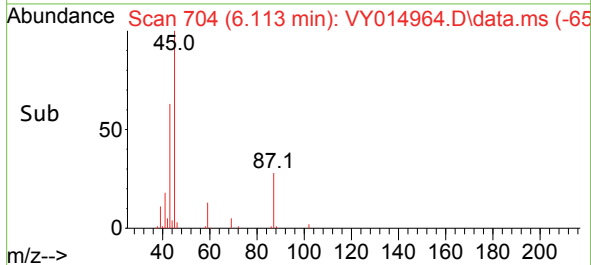
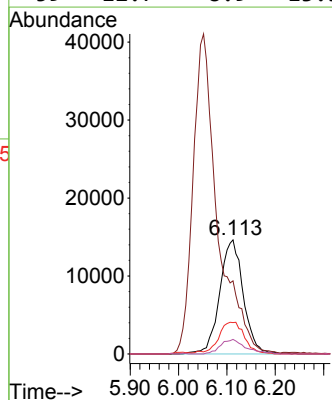
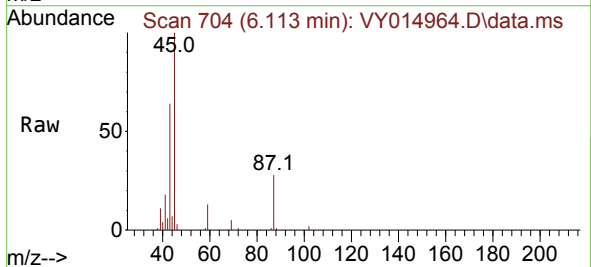
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

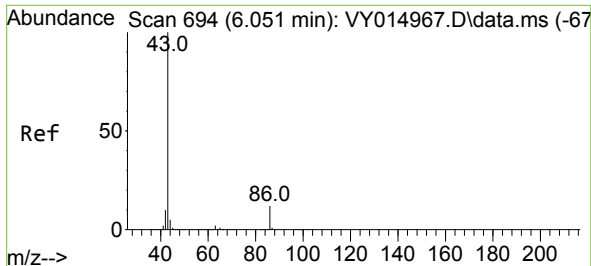
Tgt Ion: 96 Resp: 15274
Ion Ratio Lower Upper
96 100
61 127.6 110.2 165.4
98 56.3 51.8 77.6



#22
Diisopropyl ether
Concen: 5.014 ug/l
RT: 6.113 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY014964.D
Acq: 07 Aug 2023 15:22

Tgt Ion: 45 Resp: 49534
Ion Ratio Lower Upper
45 100
43 63.3 52.2 78.4
87 27.5 21.0 31.6
59 12.7 8.9 13.3

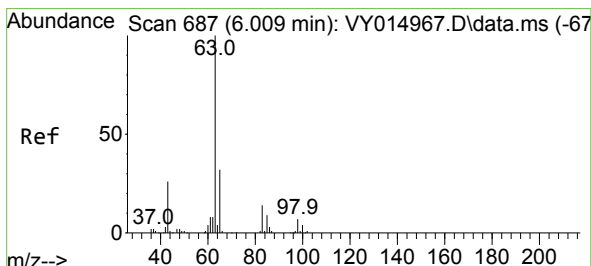
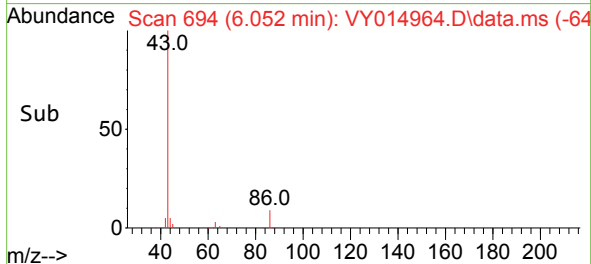
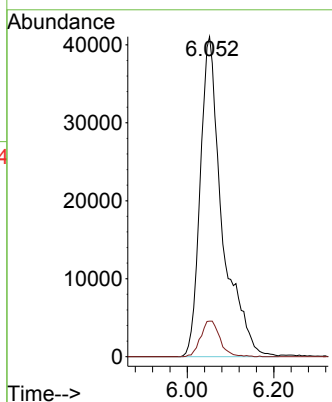
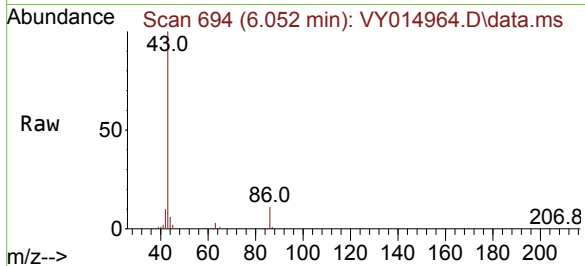




#23
 Vinyl Acetate
 Concen: 24.417 ug/l
 RT: 6.052 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY014964.D
 Acq: 07 Aug 2023 15:22

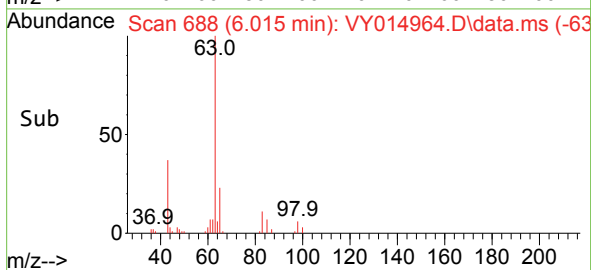
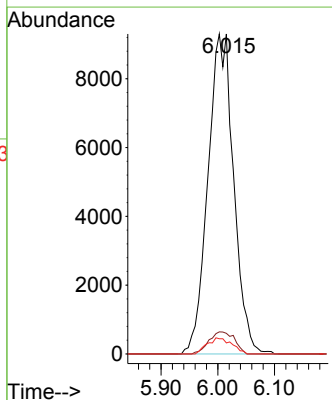
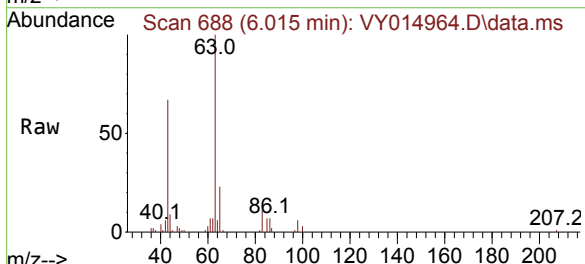
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

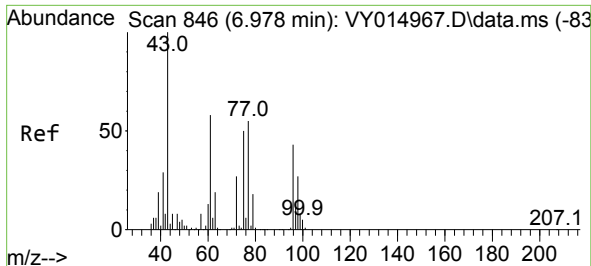
Tgt Ion: 43 Resp: 144992
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 5.243 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY014964.D
 Acq: 07 Aug 2023 15:22

Tgt Ion: 63 Resp: 29376
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.1 9.4
 100 3.5 1.8 5.5

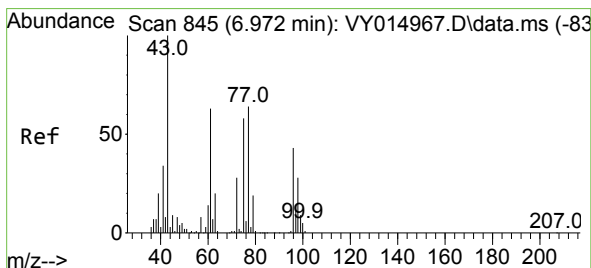
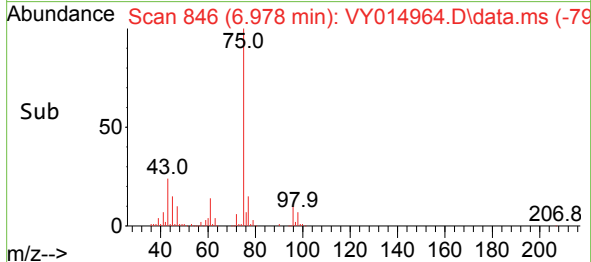
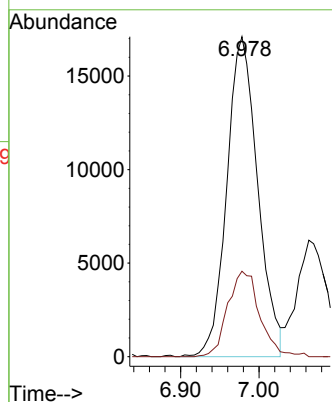
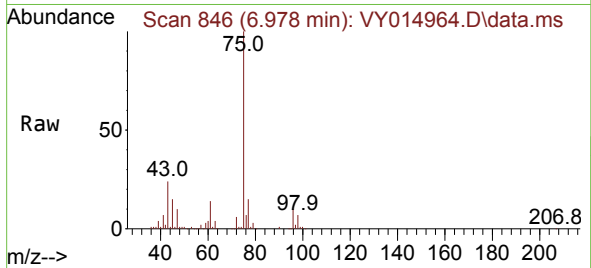




#25
2-Butanone
Concen: 26.897 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014964.D
Acq: 07 Aug 2023 15:22

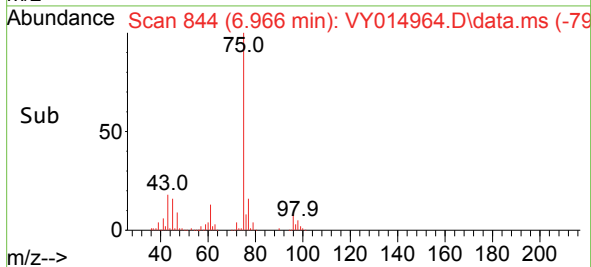
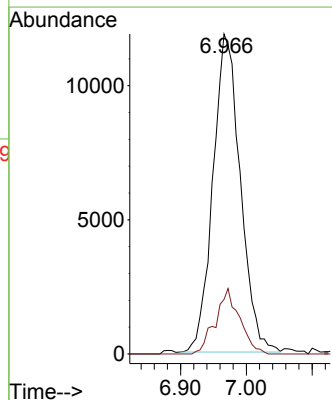
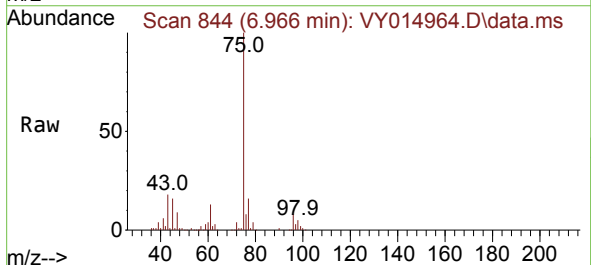
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

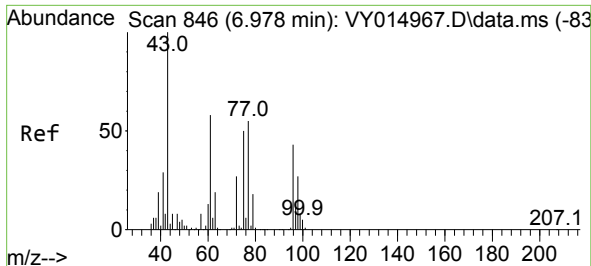
Tgt Ion: 43 Resp: 46914
Ion Ratio Lower Upper
43 100
72 26.7 20.5 30.7



#26
2,2-Dichloropropane
Concen: 6.053 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.006 min
Lab File: VY014964.D
Acq: 07 Aug 2023 15:22

Tgt Ion: 77 Resp: 34321
Ion Ratio Lower Upper
77 100
97 18.2 10.9 32.9



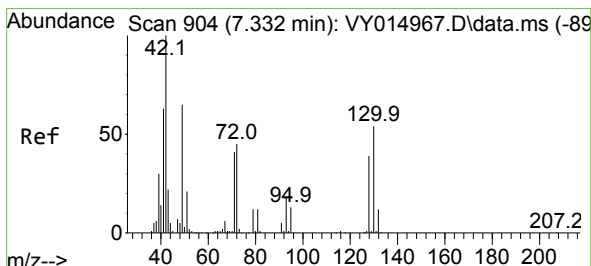
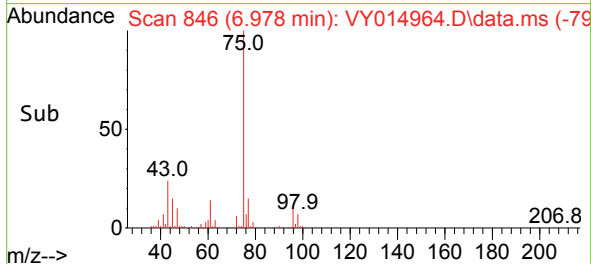
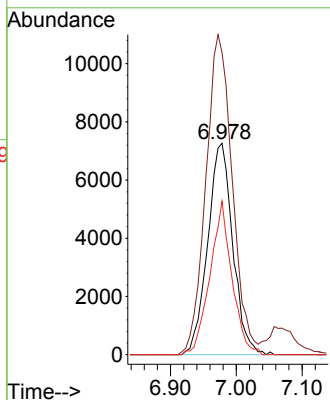
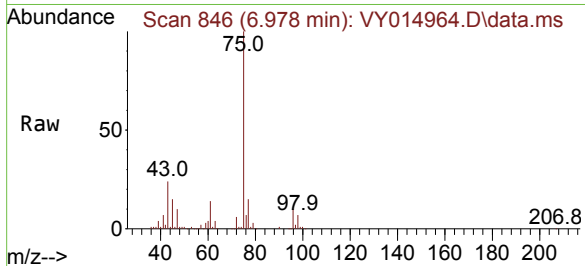


#27
 cis-1,2-Dichloroethene
 Concen: 5.245 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY014964.D
 Acq: 07 Aug 2023 15:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tgt Ion: 96 Resp: 19269

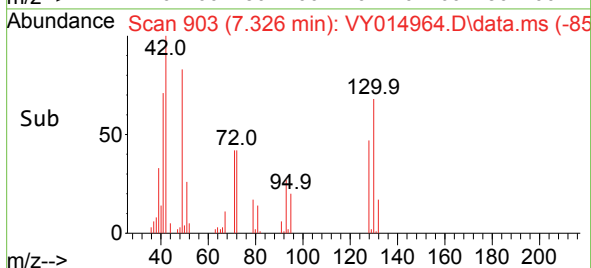
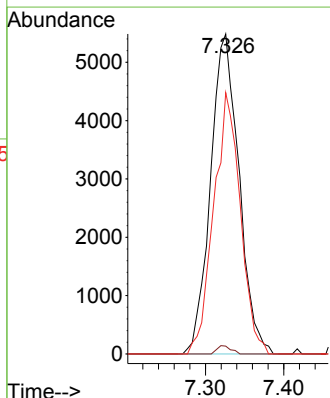
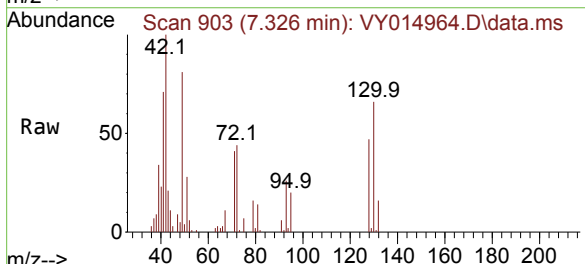
Ion	Ratio	Lower	Upper
96	100		
61	159.7	0.0	301.4
98	63.7	0.0	130.4

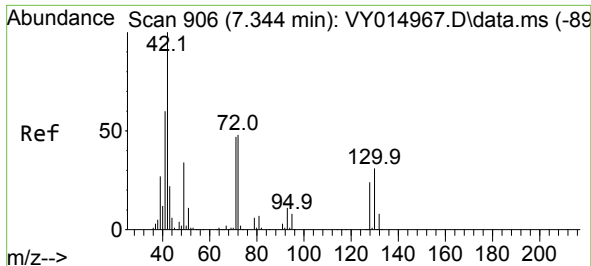


#28
 Bromochloromethane
 Concen: 5.485 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.006 min
 Lab File: VY014964.D
 Acq: 07 Aug 2023 15:22

Tgt Ion: 49 Resp: 13855

Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	4.6
130	76.4	60.7	91.1





#29

Tetrahydrofuran

Concen: 25.836 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY014964.D

Acq: 07 Aug 2023 15:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

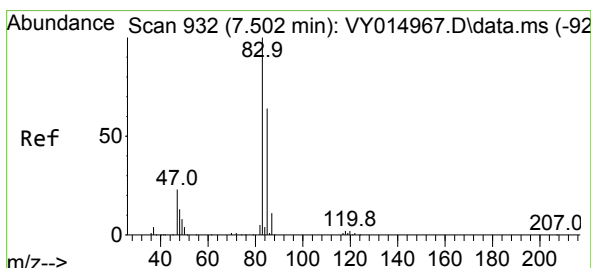
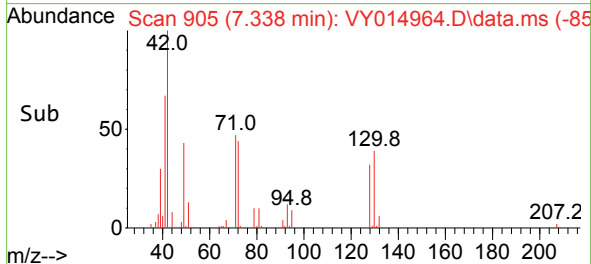
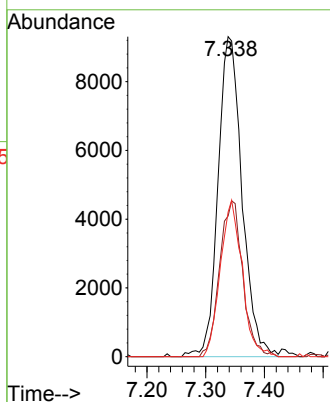
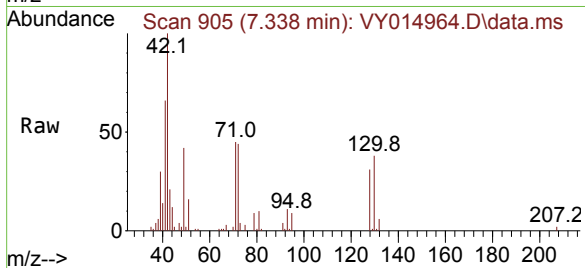
Tgt Ion: 42 Resp: 26426

Ion Ratio Lower Upper

42 100

72 47.1 32.8 49.2

71 44.6 31.0 46.4



#30

Chloroform

Concen: 5.158 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.006 min

Lab File: VY014964.D

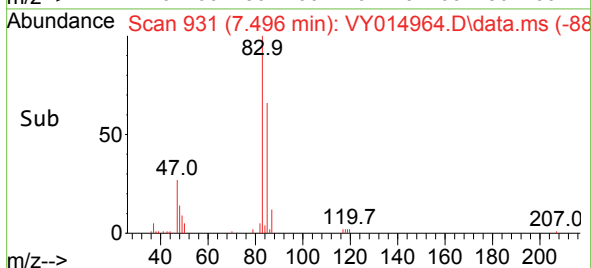
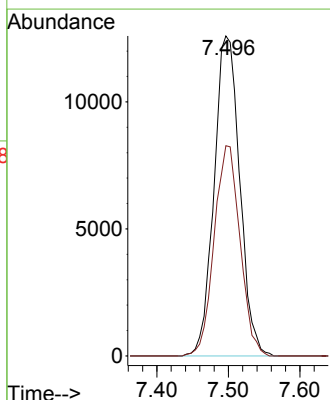
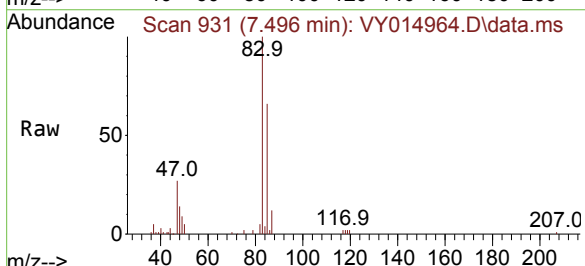
Acq: 07 Aug 2023 15:22

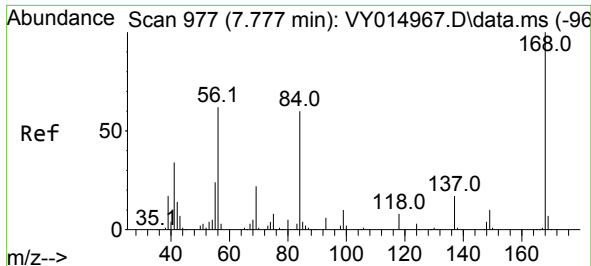
Tgt Ion: 83 Resp: 31397

Ion Ratio Lower Upper

83 100

85 65.7 49.7 74.5

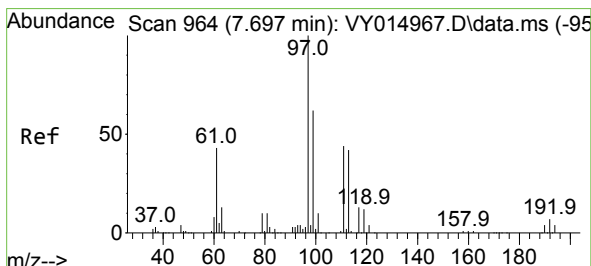
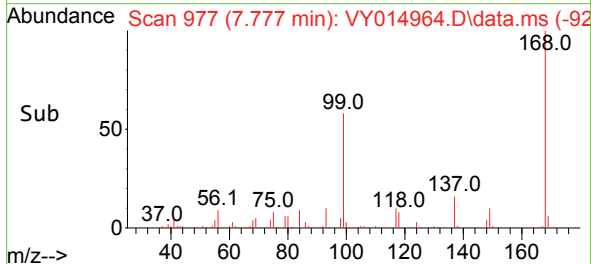
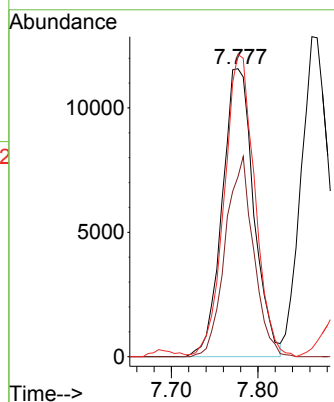
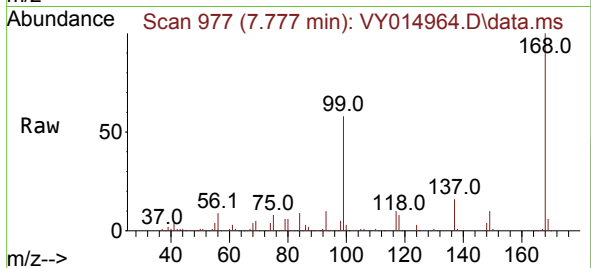




#31
Cyclohexane
Concen: 4.030 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014964.D
Acq: 07 Aug 2023 15:22

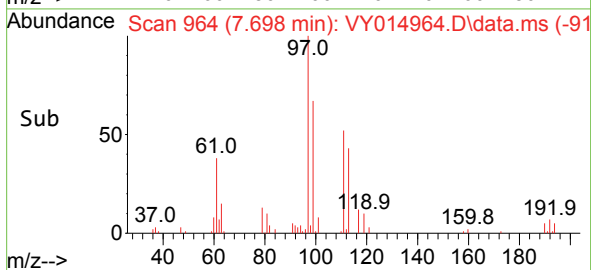
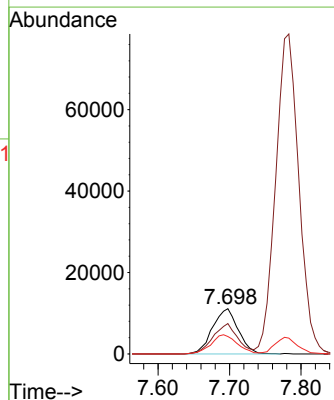
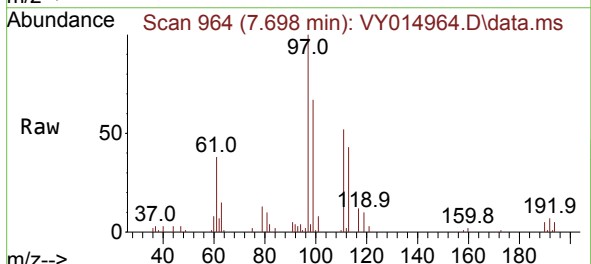
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

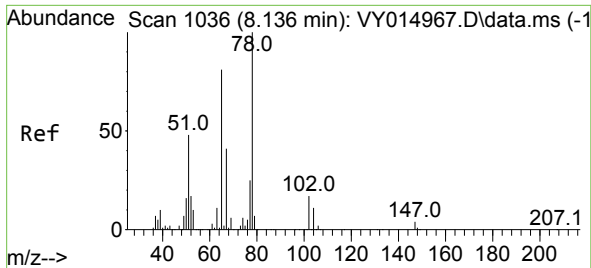
Tgt Ion: 56 Resp: 29325
Ion Ratio Lower Upper
56 100
69 62.4 27.8 41.6#
84 103.6 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 5.177 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY014964.D
Acq: 07 Aug 2023 15:22

Tgt Ion: 97 Resp: 27768
Ion Ratio Lower Upper
97 100
99 64.8 50.8 76.2
61 43.4 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 5.044 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY014964.D

Acq: 07 Aug 2023 15:22

Instrument :

MSVOA_Y

ClientSampleId :

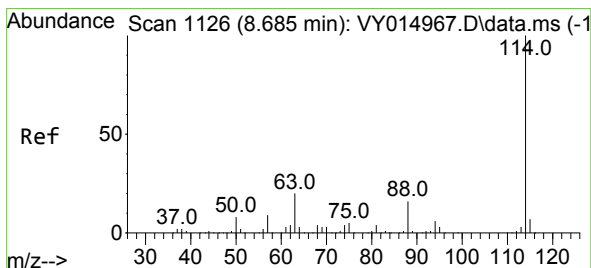
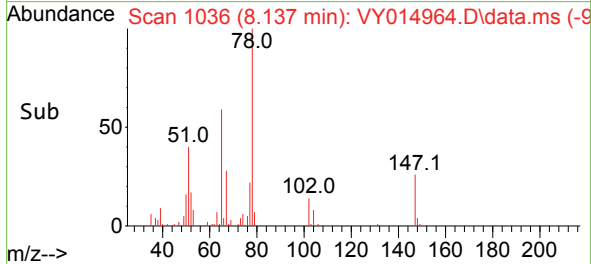
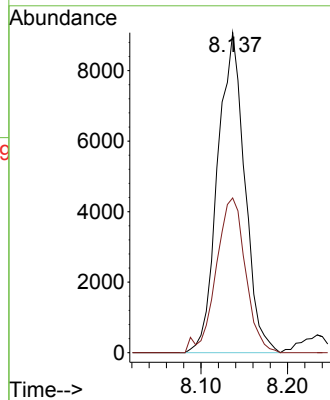
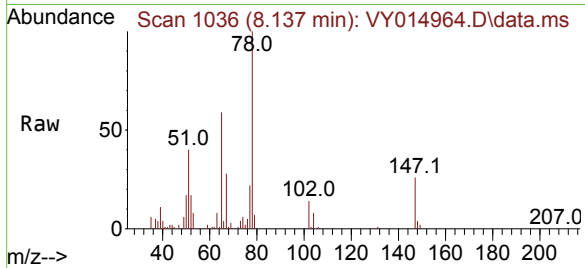
VSTDIC005

Tgt Ion: 65 Resp: 19696

Ion Ratio Lower Upper

65 100

67 52.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014964.D

Acq: 07 Aug 2023 15:22

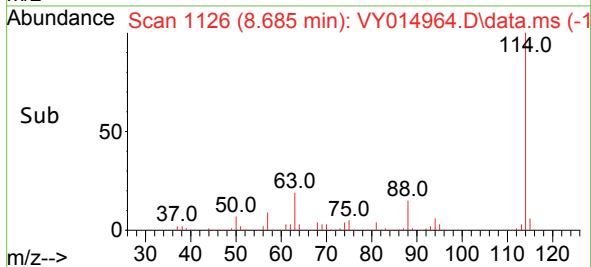
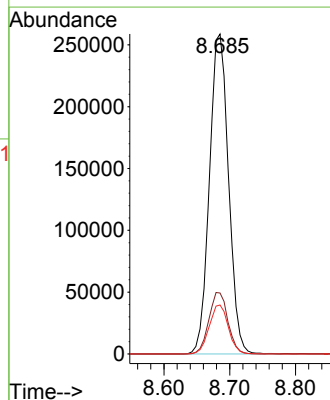
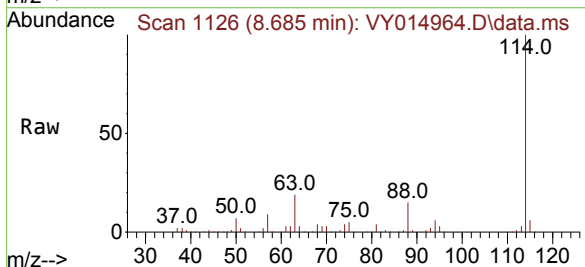
Tgt Ion: 114 Resp: 523179

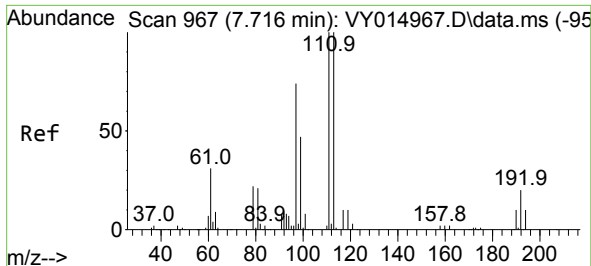
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 15.3 0.0 30.6

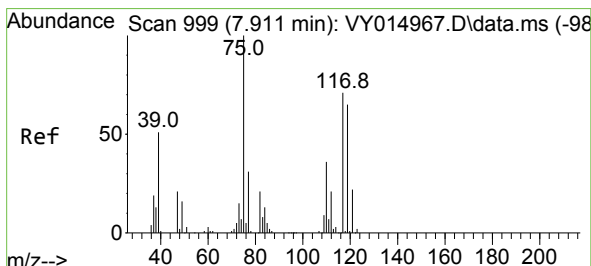
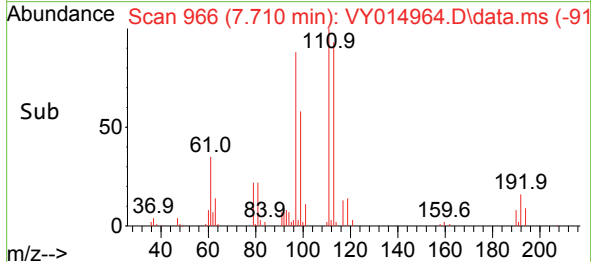
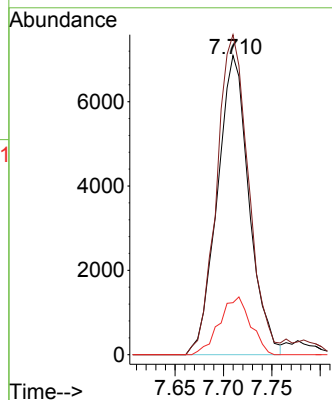
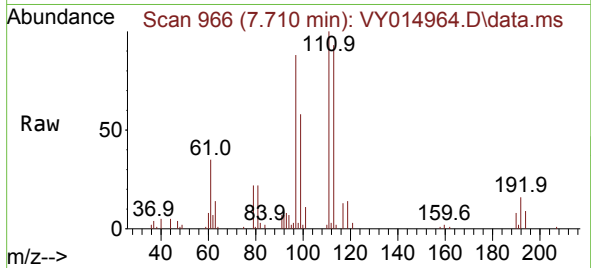




#35
Dibromofluoromethane
Concen: 4.836 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY014964.D
Acq: 07 Aug 2023 15:22

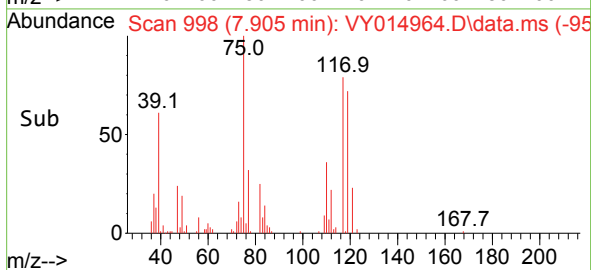
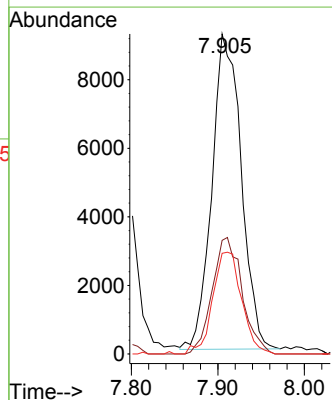
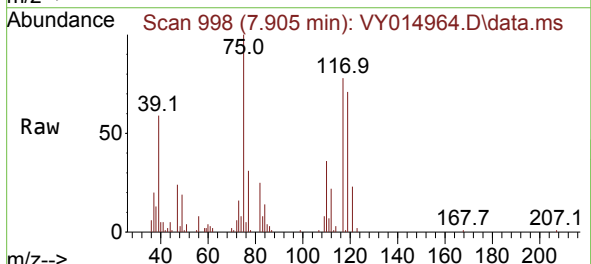
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

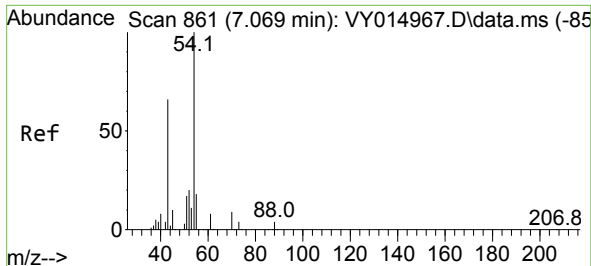
Tgt Ion:113 Resp: 16180
Ion Ratio Lower Upper
113 100
111 107.8 81.3 121.9
192 18.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.200 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.006 min
Lab File: VY014964.D
Acq: 07 Aug 2023 15:22

Tgt Ion: 75 Resp: 21597
Ion Ratio Lower Upper
75 100
110 37.7 17.8 53.5
77 31.9 24.4 36.6

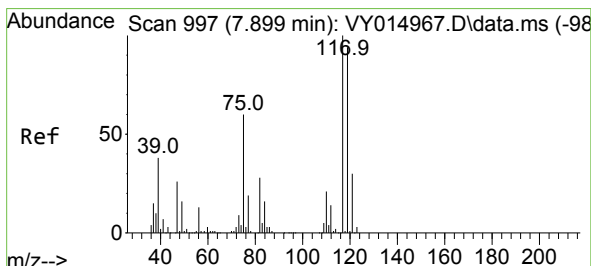
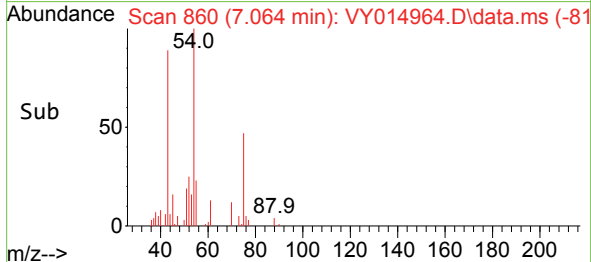
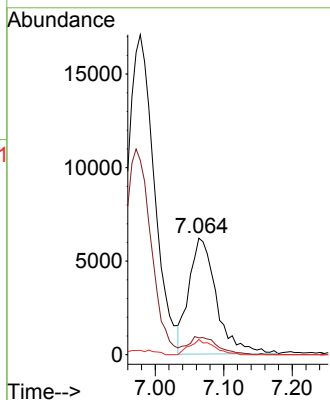
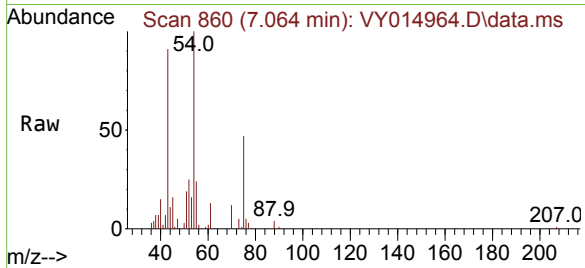




#37
Ethyl Acetate
Concen: 5.253 ug/l
RT: 7.064 min Scan# 860
Delta R.T. -0.006 min
Lab File: VY014964.D
Acq: 07 Aug 2023 15:22

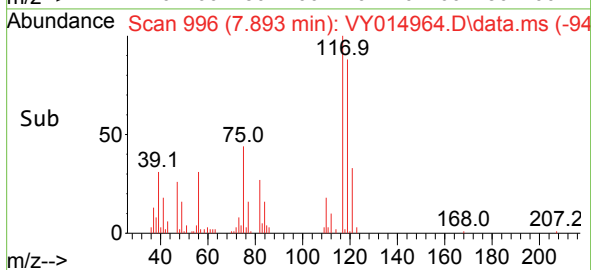
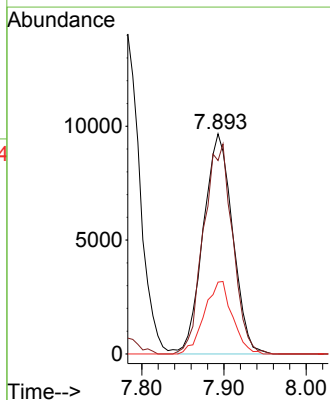
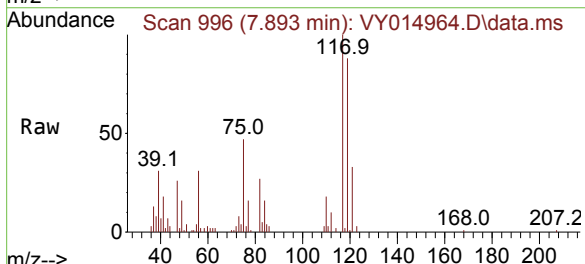
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

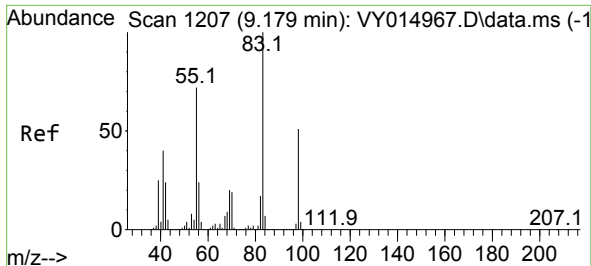
Tgt Ion: 43 Resp: 17318
Ion Ratio Lower Upper
43 100
61 16.7 10.1 15.1#
70 11.4 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 5.123 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY014964.D
Acq: 07 Aug 2023 15:22

Tgt Ion: 117 Resp: 23924
Ion Ratio Lower Upper
117 100
119 87.8 76.4 114.6
121 32.6 25.8 38.6





#39

Methylcyclohexane

Concen: 5.402 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014964.D

Acq: 07 Aug 2023 15:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

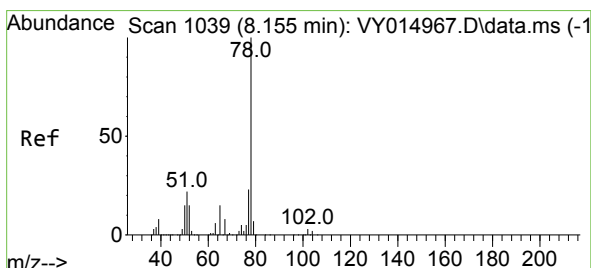
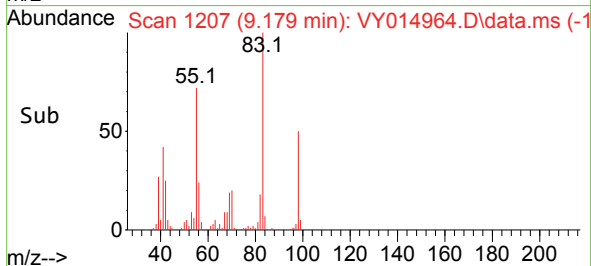
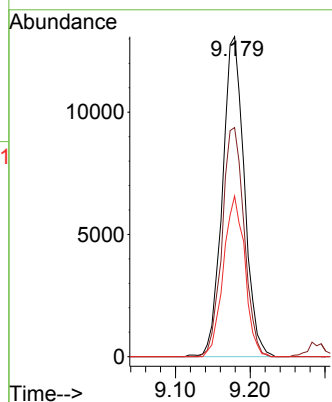
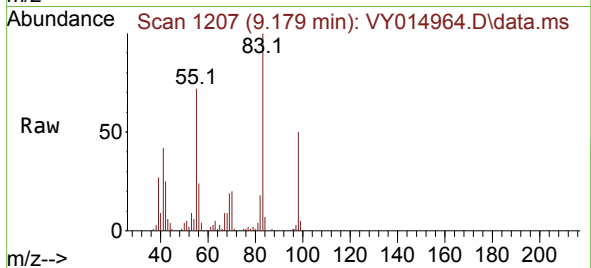
Tgt Ion: 83 Resp: 26683

Ion Ratio Lower Upper

83 100

55 71.6 63.0 94.4

98 50.2 37.4 56.2



#40

Benzene

Concen: 5.366 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY014964.D

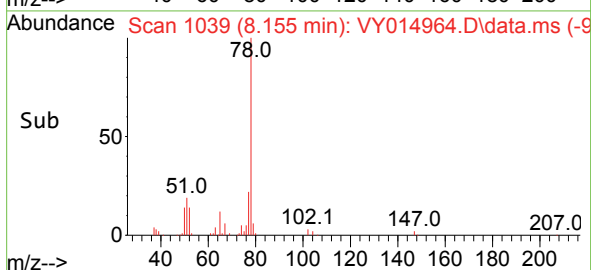
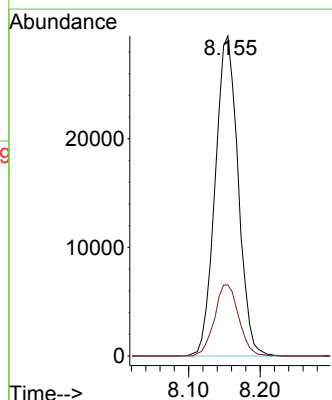
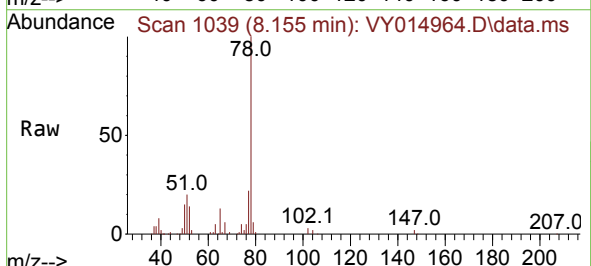
Acq: 07 Aug 2023 15:22

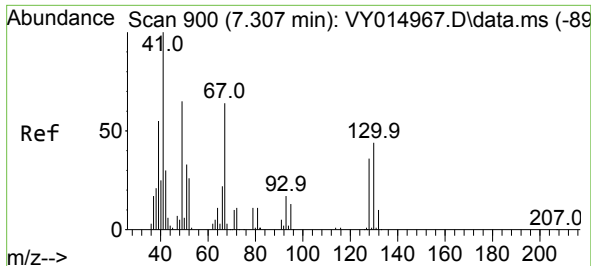
Tgt Ion: 78 Resp: 65627

Ion Ratio Lower Upper

78 100

77 22.2 19.0 28.6

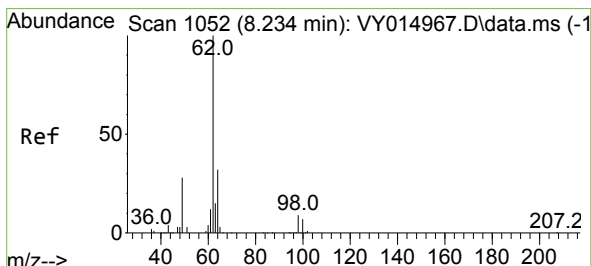
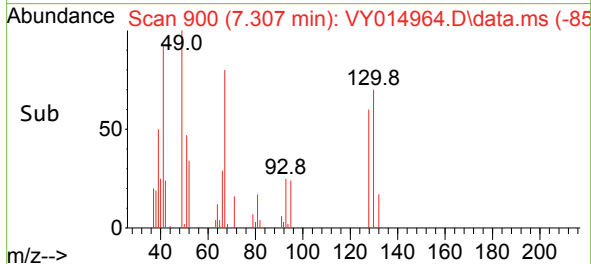
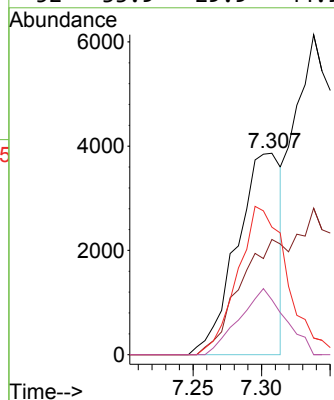
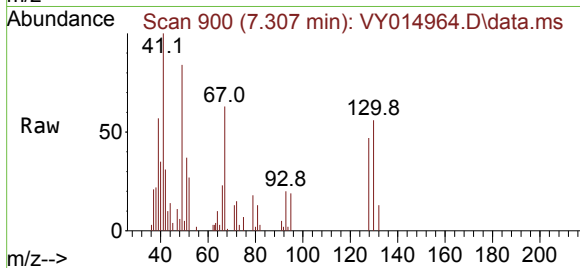




#41
Methacrylonitrile
Concen: 5.407 ug/l
RT: 7.307 min Scan# 900
Delta R.T. 0.000 min
Lab File: VY014964.D
Acq: 07 Aug 2023 15:22

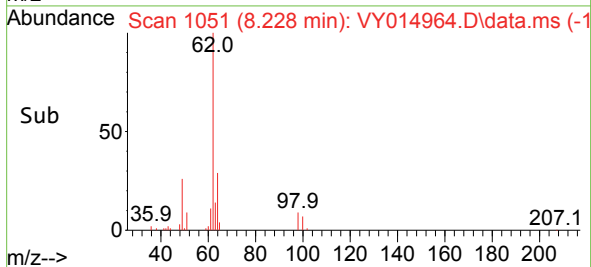
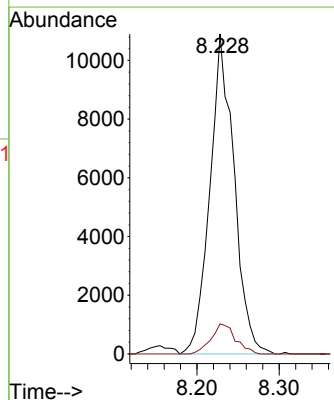
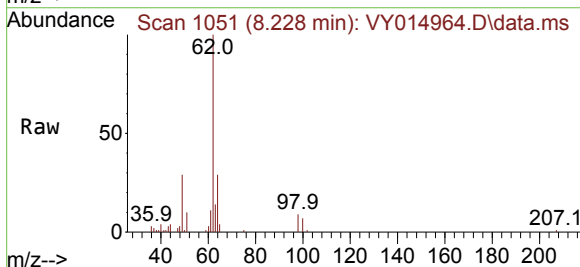
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

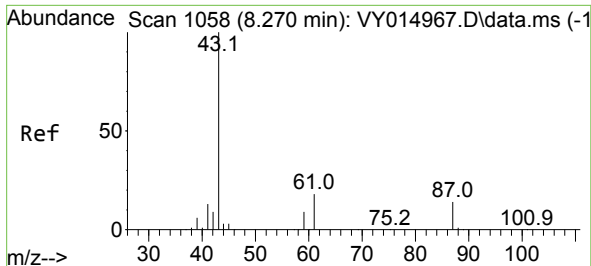
Tgt Ion:	41	Resp:	8663
Ion	Ratio	Lower	Upper
41	100		
39	0.0	52.1	78.1#
67	83.5	66.2	99.2
52	33.9	29.9	44.9



#42
1,2-Dichloroethane
Concen: 5.233 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY014964.D
Acq: 07 Aug 2023 15:22

Tgt Ion:	62	Resp:	22280
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	15.8

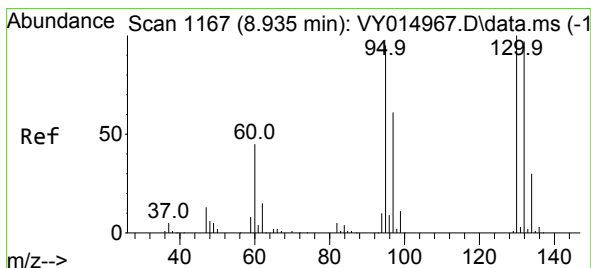
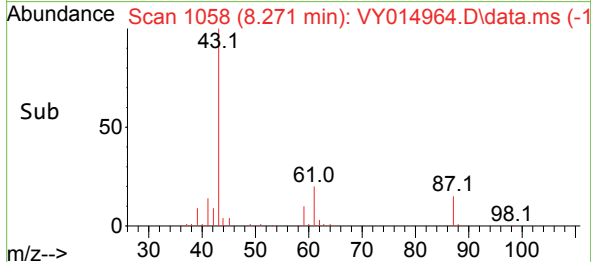
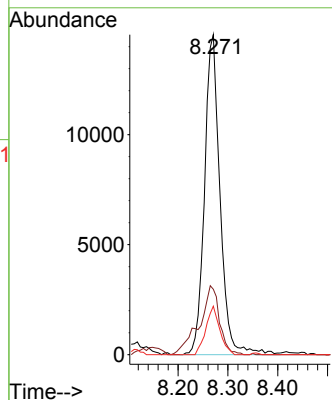
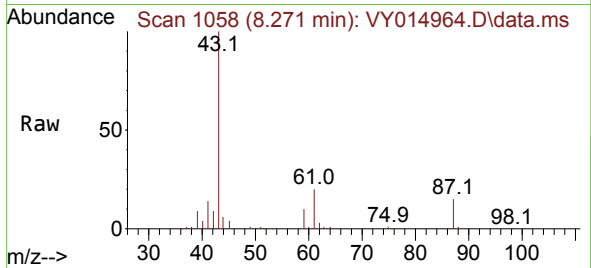




#43
Isopropyl Acetate
Concen: 5.138 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY014964.D
Acq: 07 Aug 2023 15:22

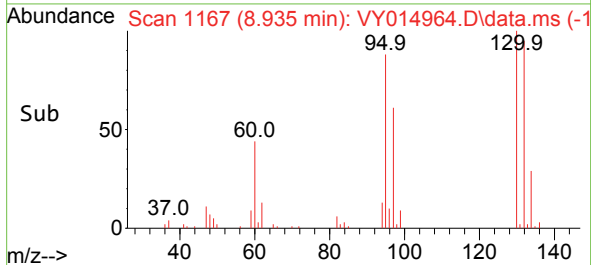
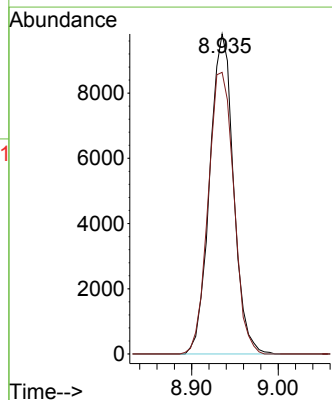
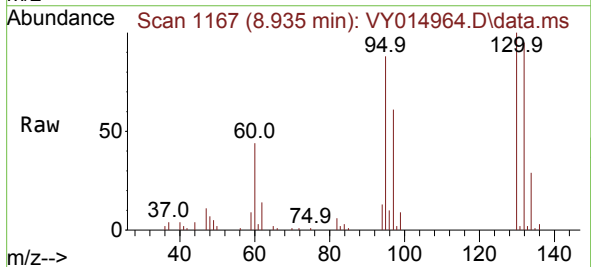
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

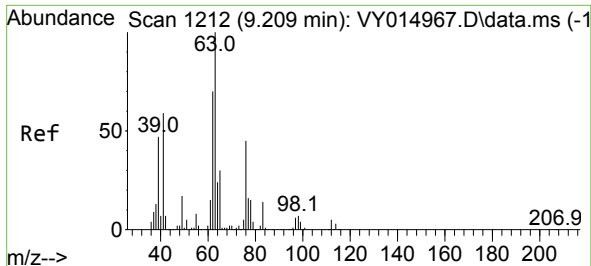
Tgt Ion: 43 Resp: 31471
Ion Ratio Lower Upper
43 100
61 28.1 21.1 31.7
87 13.6 9.8 14.8



#44
Trichloroethene
Concen: 5.343 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY014964.D
Acq: 07 Aug 2023 15:22

Tgt Ion: 130 Resp: 18751
Ion Ratio Lower Upper
130 100
95 88.0 0.0 196.0





#45

1,2-Dichloropropane

Concen: 5.298 ug/l

RT: 9.210 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY014964.D

Acq: 07 Aug 2023 15:22

Instrument :

MSVOA_Y

ClientSampleId :

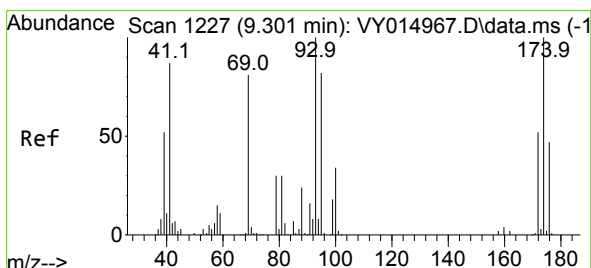
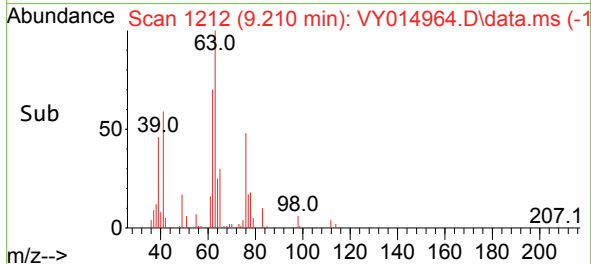
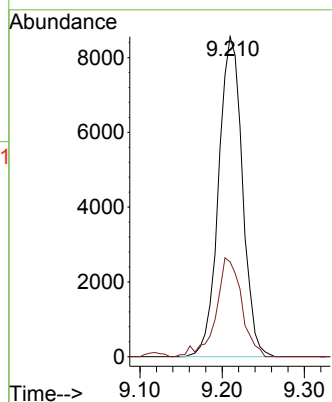
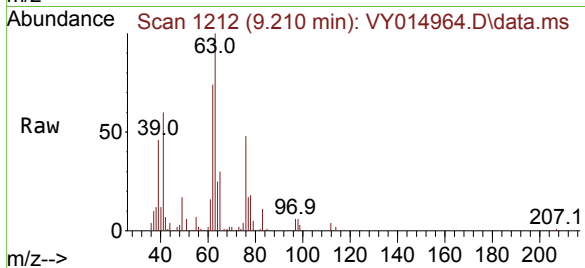
VSTDICC005

Tgt Ion: 63 Resp: 17221

Ion Ratio Lower Upper

63 100

65 29.6 23.8 35.6



#46

Dibromomethane

Concen: 5.197 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY014964.D

Acq: 07 Aug 2023 15:22

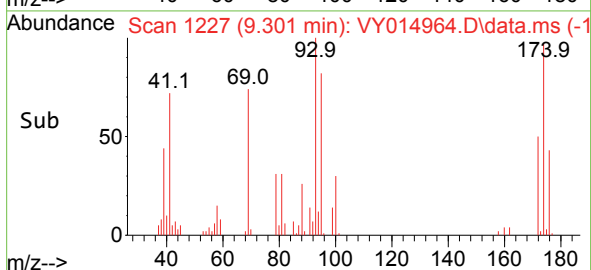
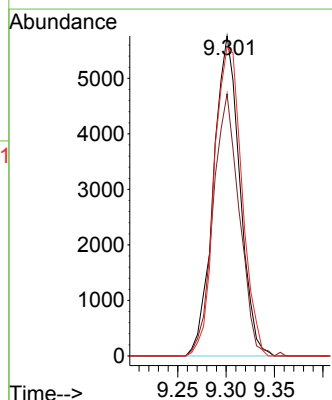
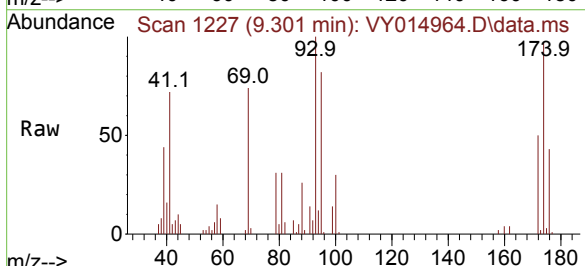
Tgt Ion: 93 Resp: 10882

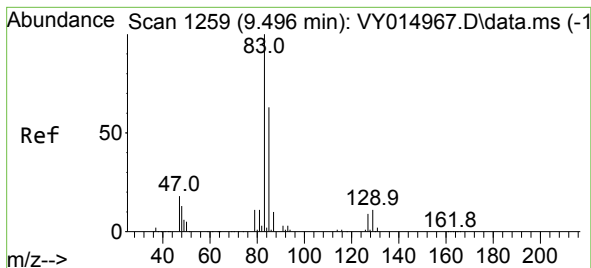
Ion Ratio Lower Upper

93 100

95 81.6 66.6 100.0

174 101.1 84.8 127.2





#47

Bromodichloromethane

Concen: 4.945 ug/l

RT: 9.490 min Scan# 1259

Delta R.T. -0.006 min

Lab File: VY014964.D

Acq: 07 Aug 2023 15:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

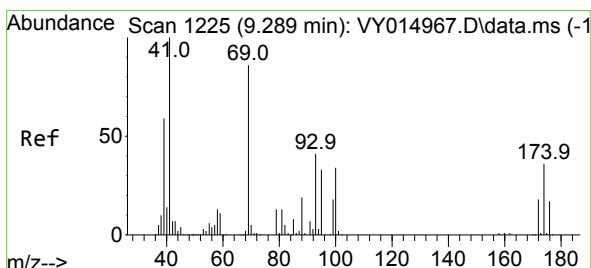
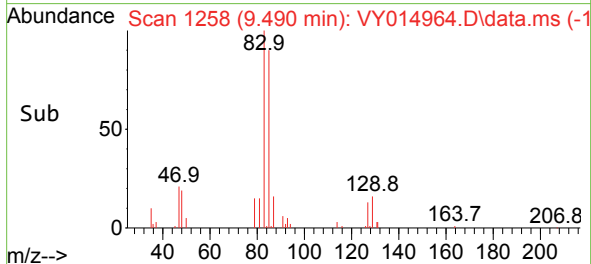
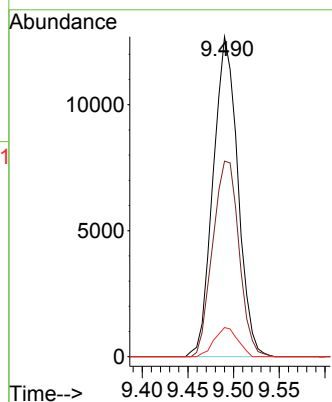
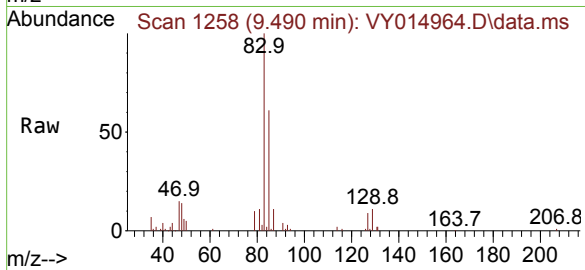
Tgt Ion: 83 Resp: 23844

Ion Ratio Lower Upper

83 100

85 61.1 50.1 75.1

127 9.1 7.1 10.7



#48

Methyl methacrylate

Concen: 4.950 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. 0.000 min

Lab File: VY014964.D

Acq: 07 Aug 2023 15:22

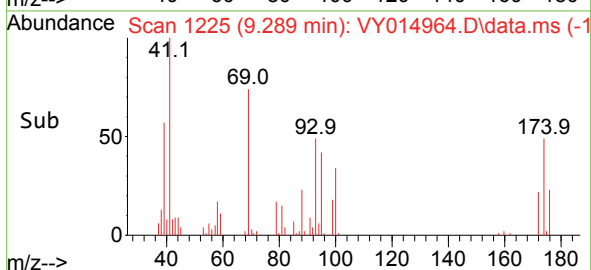
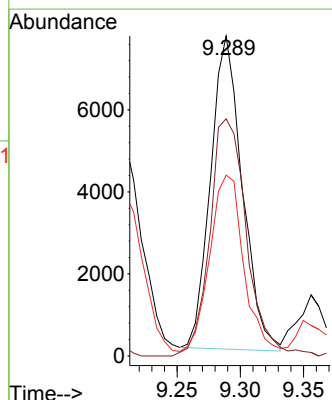
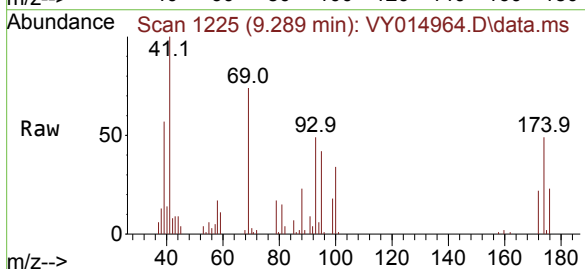
Tgt Ion: 41 Resp: 13304

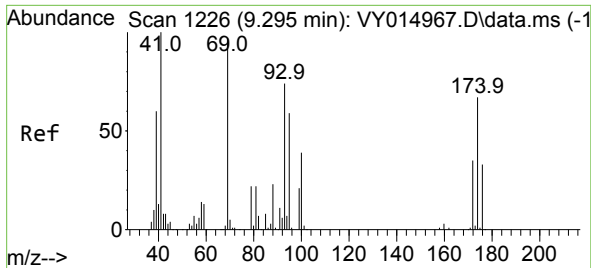
Ion Ratio Lower Upper

41 100

69 87.7 64.5 96.7

39 63.4 50.8 76.2

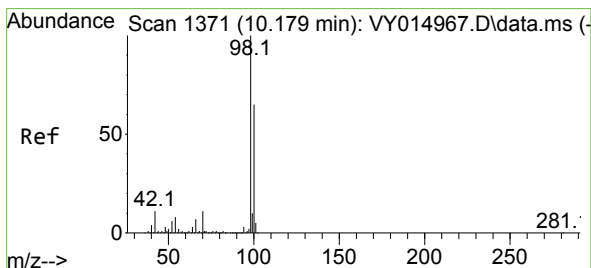
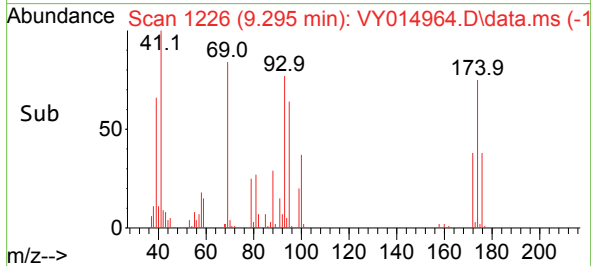
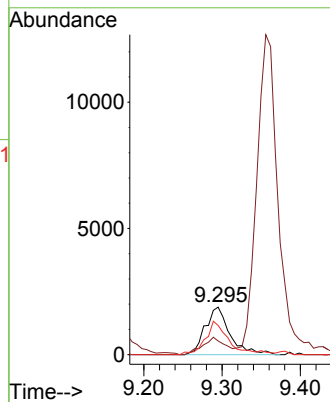
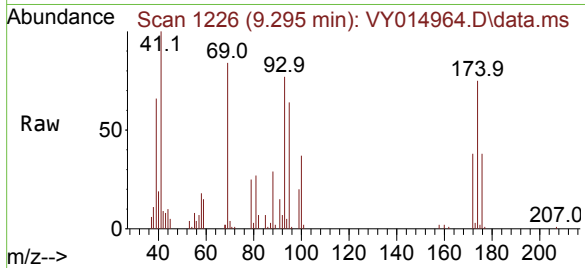




#49
1,4-Dioxane
Concen: 105.984 ug/l
RT: 9.295 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014964.D
Acq: 07 Aug 2023 15:22

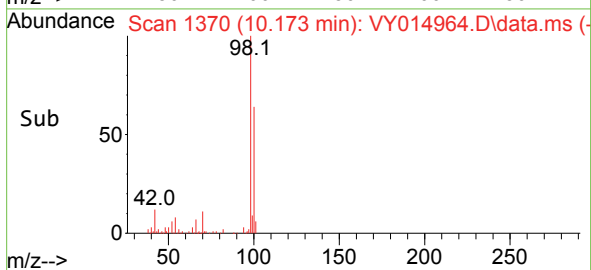
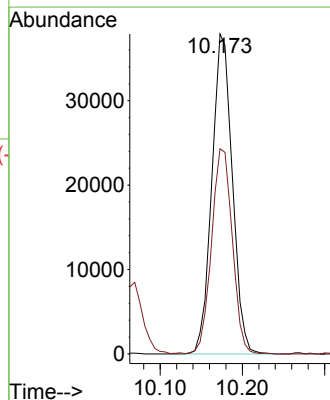
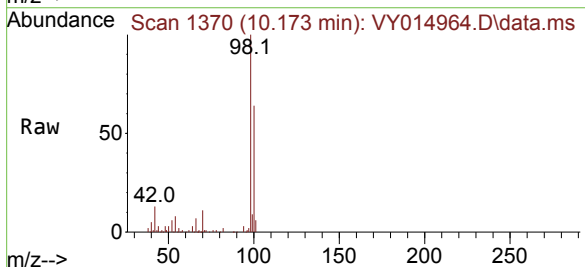
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

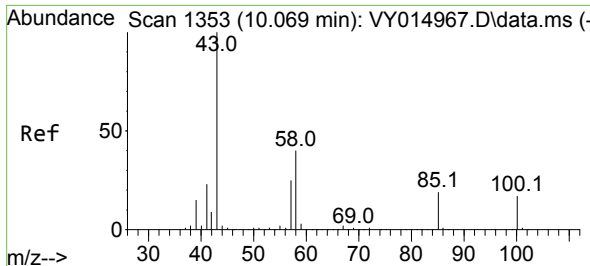
Tgt Ion: 88 Resp: 4128
Ion Ratio Lower Upper
88 100
43 32.8 0.0 0.0#
58 63.1 30.9 46.3#



#50
Toluene-d8
Concen: 5.146 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY014964.D
Acq: 07 Aug 2023 15:22

Tgt Ion: 98 Resp: 65533
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

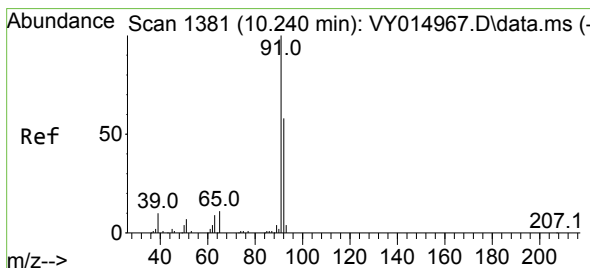
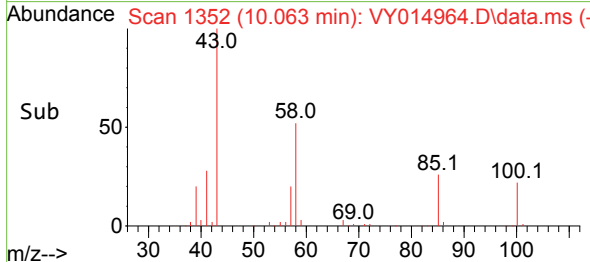
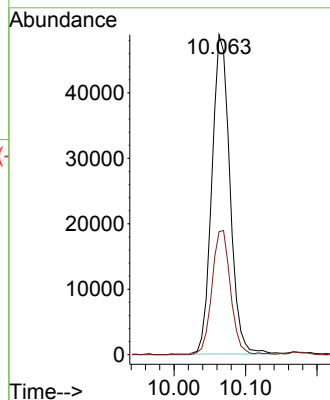
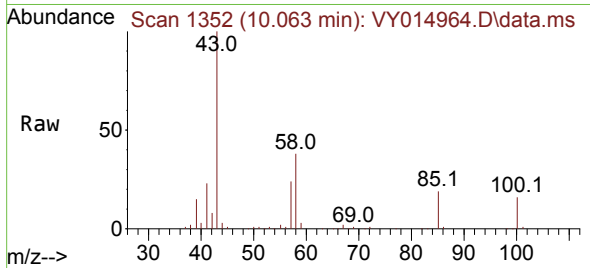




#51
4-Methyl-2-Pentanone
Concen: 24.788 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY014964.D
Acq: 07 Aug 2023 15:22

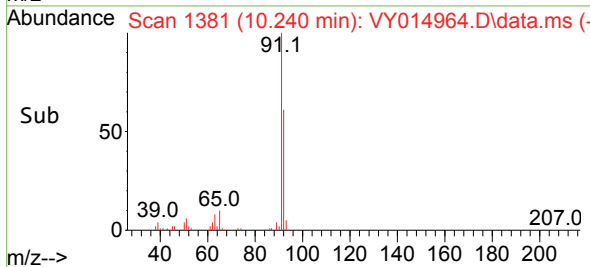
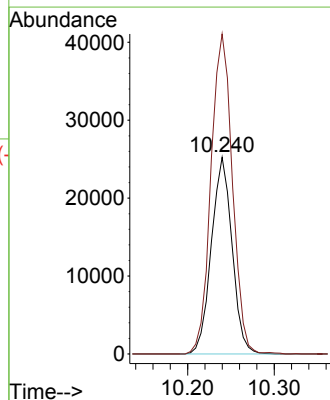
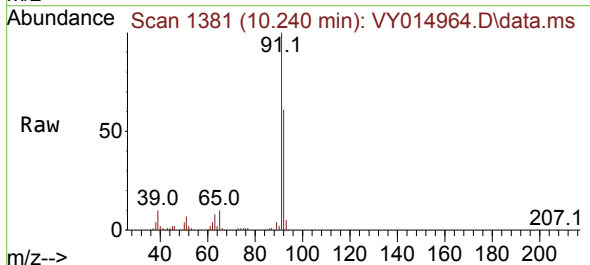
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

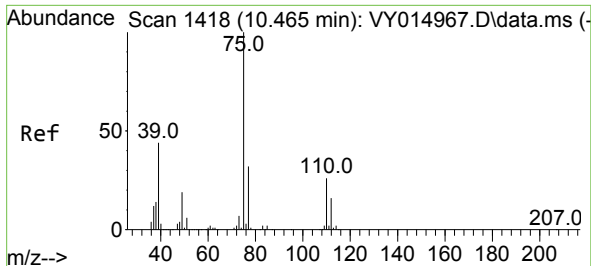
Tgt Ion: 43 Resp: 85568
Ion Ratio Lower Upper
43 100
58 39.9 29.0 43.6



#52
Toluene
Concen: 5.322 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY014964.D
Acq: 07 Aug 2023 15:22

Tgt Ion: 92 Resp: 41885
Ion Ratio Lower Upper
92 100
91 168.5 143.8 215.6

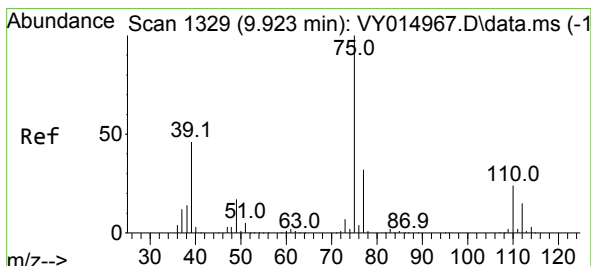
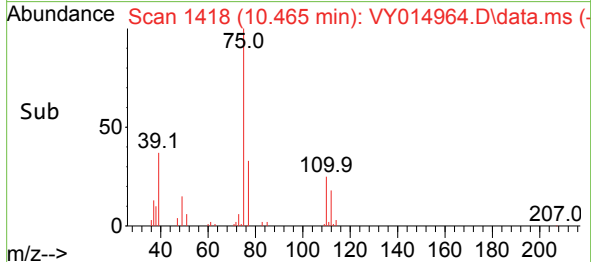
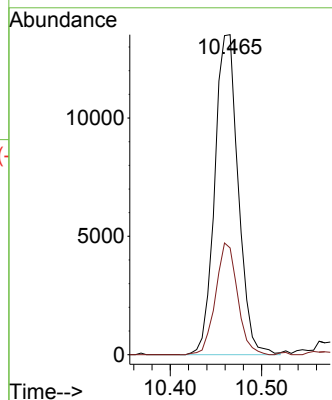
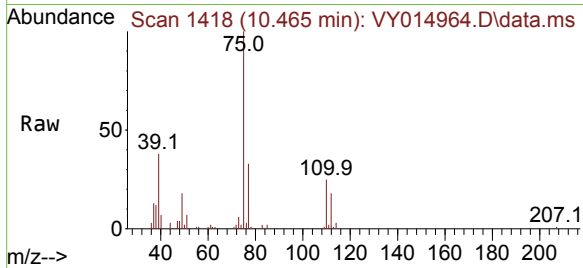




#53
t-1,3-Dichloropropene
Concen: 4.811 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY014964.D
Acq: 07 Aug 2023 15:22

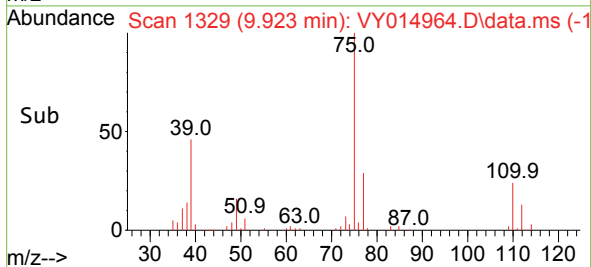
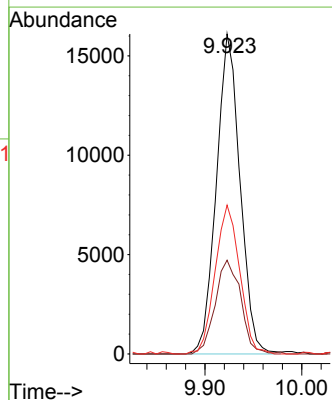
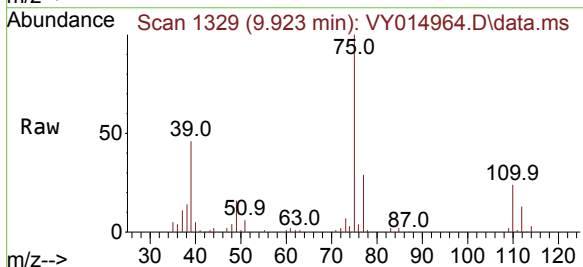
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

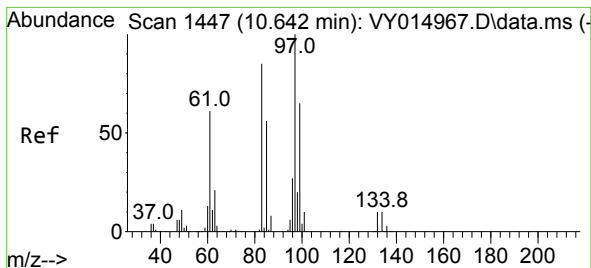
Tgt Ion: 75 Resp: 24161
Ion Ratio Lower Upper
75 100
77 33.3 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 5.029 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. 0.000 min
Lab File: VY014964.D
Acq: 07 Aug 2023 15:22

Tgt Ion: 75 Resp: 27287
Ion Ratio Lower Upper
75 100
77 29.3 24.2 36.4
39 46.5 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 5.197 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY014964.D

Acq: 07 Aug 2023 15:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 15818

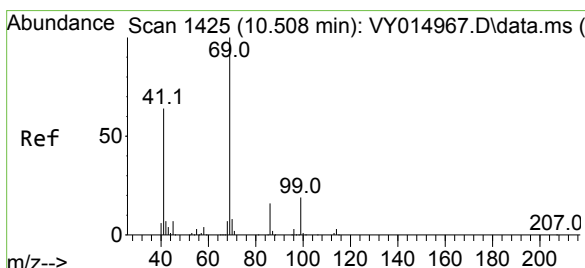
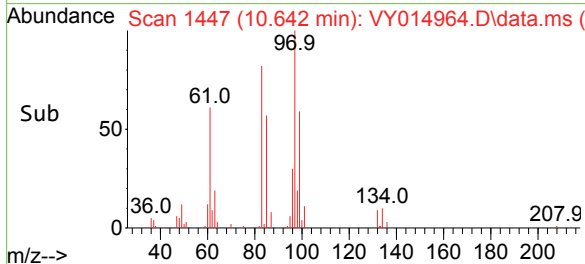
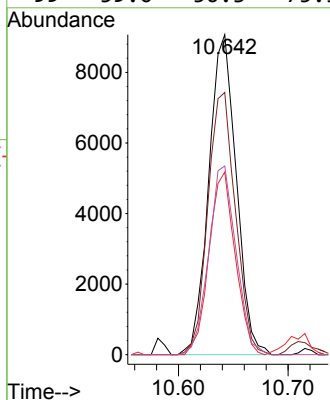
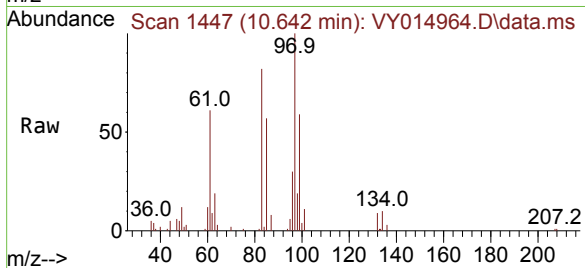
Ion Ratio Lower Upper

97 100

83 82.0 72.0 108.0

85 57.1 45.4 68.0

99 59.0 50.3 75.5



#56

Ethyl methacrylate

Concen: 4.738 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY014964.D

Acq: 07 Aug 2023 15:22

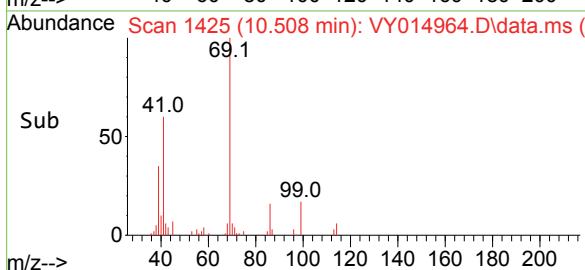
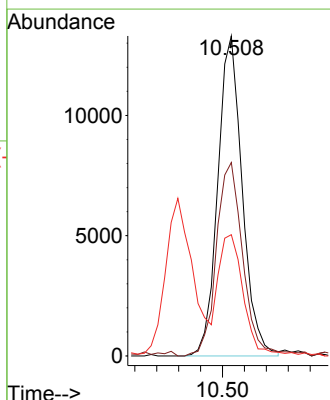
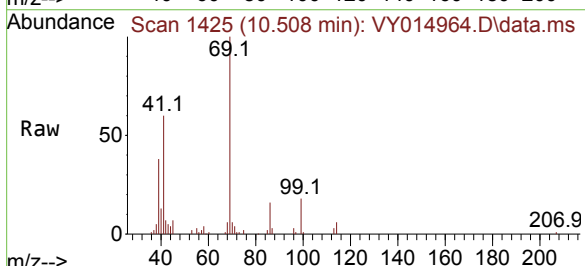
Tgt Ion: 69 Resp: 20647

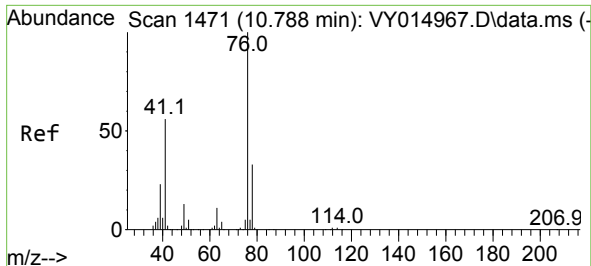
Ion Ratio Lower Upper

69 100

41 65.8 57.6 86.4

39 39.1 34.1 51.1





#57

1,3-Dichloropropane

Concen: 5.150 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014964.D

Acq: 07 Aug 2023 15:22

Instrument :

MSVOA_Y

ClientSampleId :

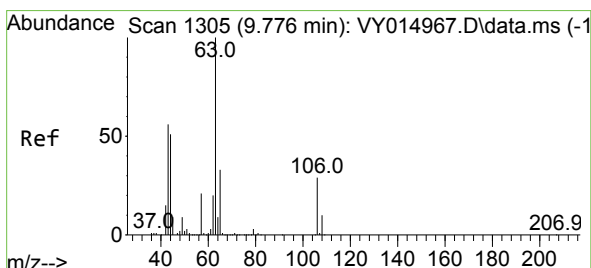
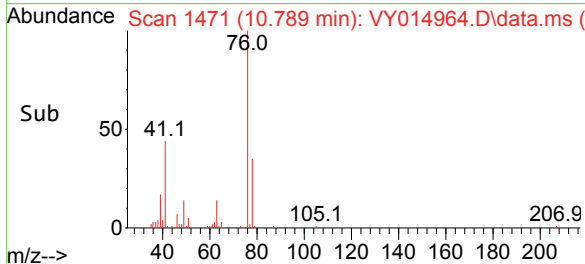
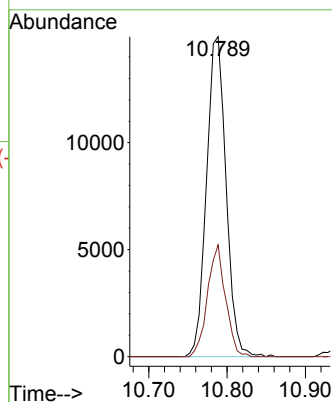
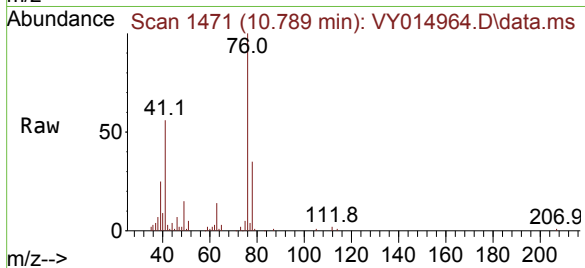
VSTDIC005

Tgt Ion: 76 Resp: 25932

Ion Ratio Lower Upper

76 100

78 32.1 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 23.221 ug/l

RT: 9.777 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY014964.D

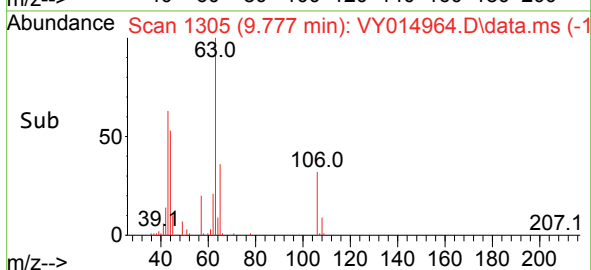
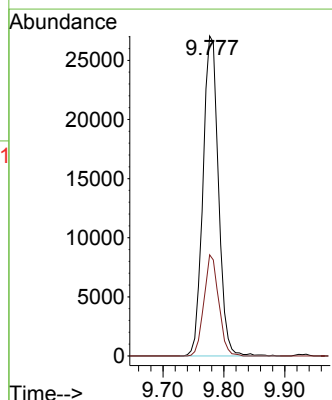
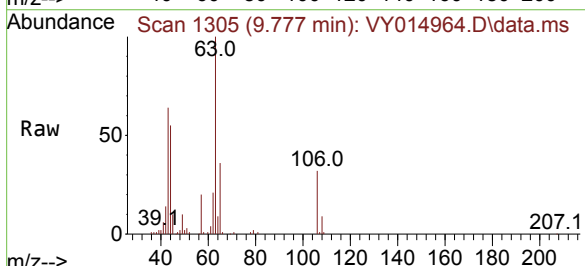
Acq: 07 Aug 2023 15:22

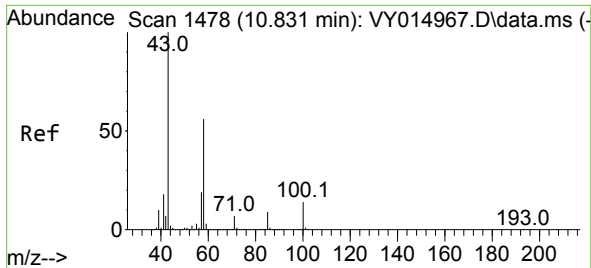
Tgt Ion: 63 Resp: 47848

Ion Ratio Lower Upper

63 100

106 30.1 21.2 31.8

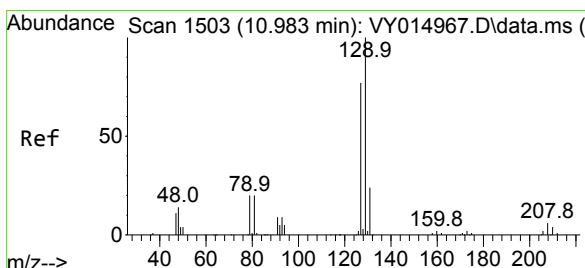
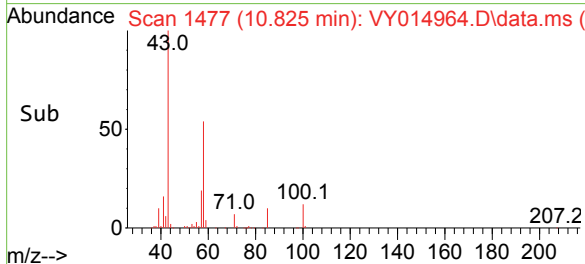
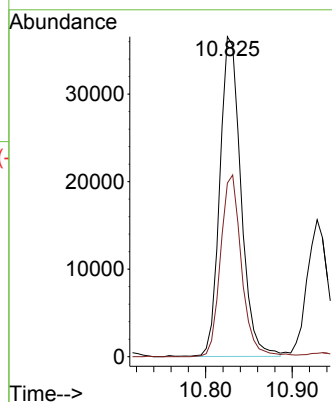
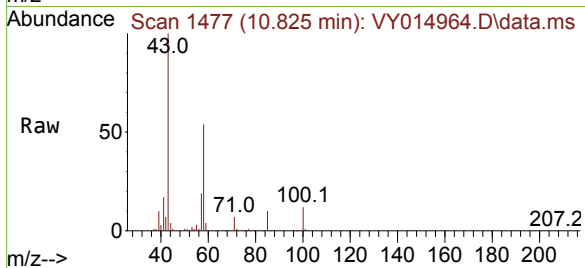




#59
2-Hexanone
Concen: 24.265 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY014964.D
Acq: 07 Aug 2023 15:22

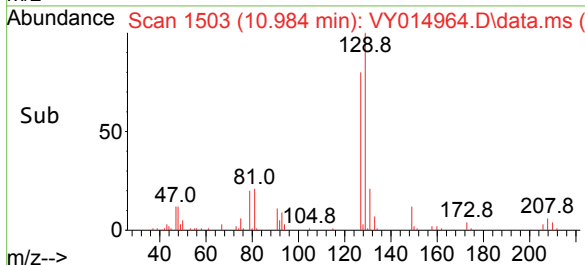
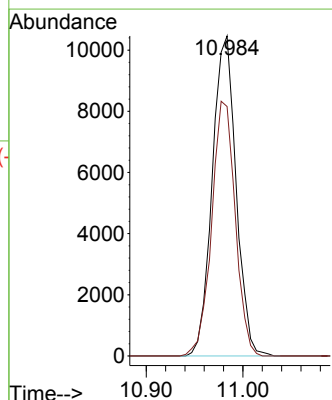
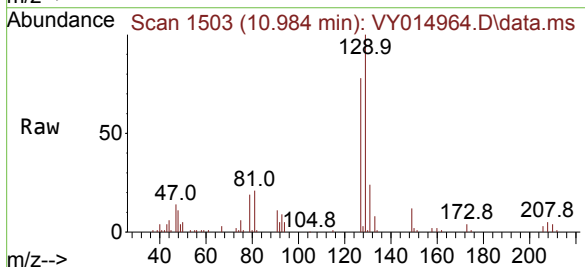
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

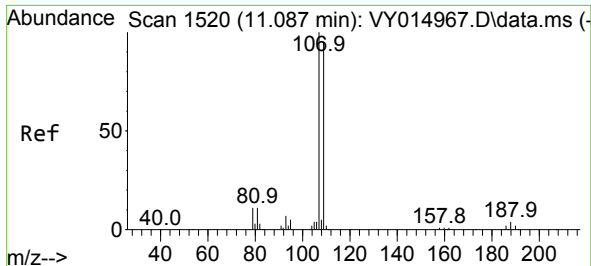
Tgt Ion: 43 Resp: 61877
Ion Ratio Lower Upper
43 100
58 56.7 25.1 75.3



#60
Dibromochloromethane
Concen: 4.943 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014964.D
Acq: 07 Aug 2023 15:22

Tgt Ion: 129 Resp: 17911
Ion Ratio Lower Upper
129 100
127 78.7 38.5 115.5

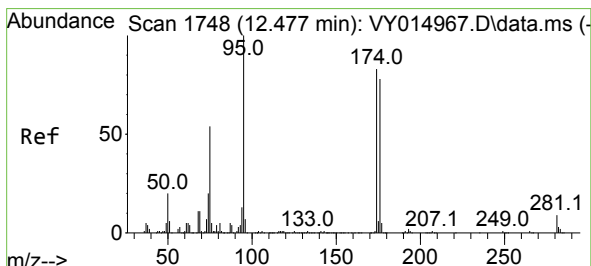
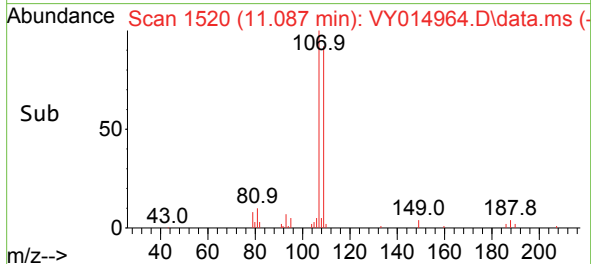
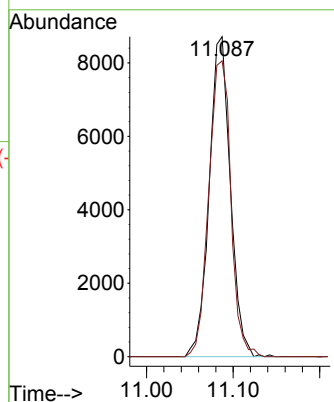
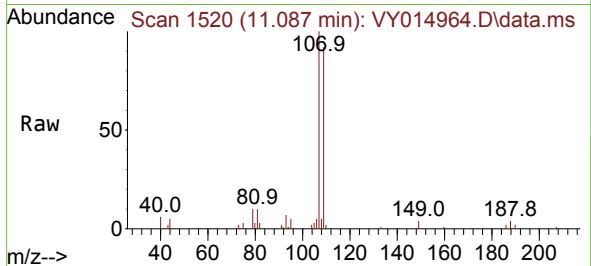




#61
1,2-Dibromoethane
Concen: 5.088 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY014964.D
Acq: 07 Aug 2023 15:22

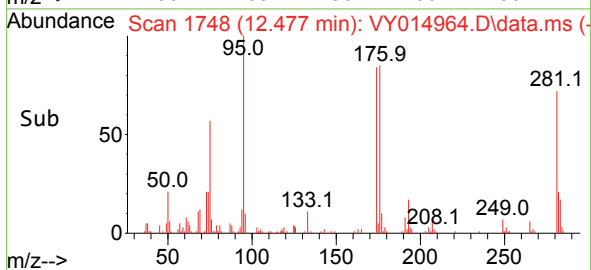
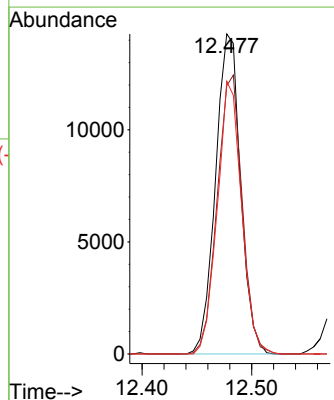
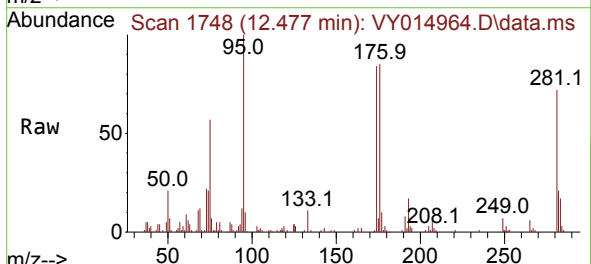
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

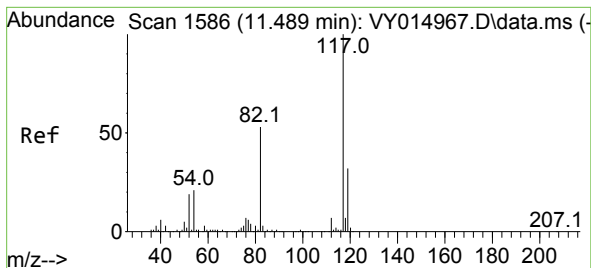
Tgt Ion:107 Resp: 14780
Ion Ratio Lower Upper
107 100
109 96.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 5.017 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014964.D
Acq: 07 Aug 2023 15:22

Tgt Ion: 95 Resp: 22642
Ion Ratio Lower Upper
95 100
174 86.8 0.0 178.2
176 82.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.484 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014964.D

Acq: 07 Aug 2023 15:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

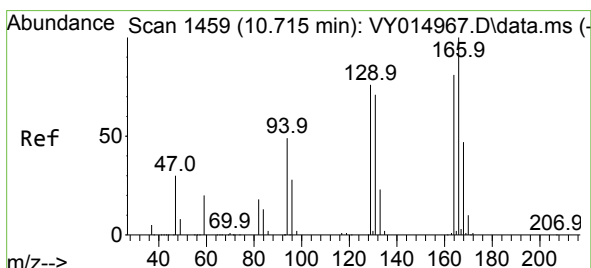
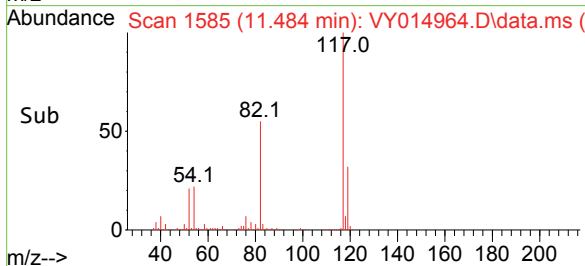
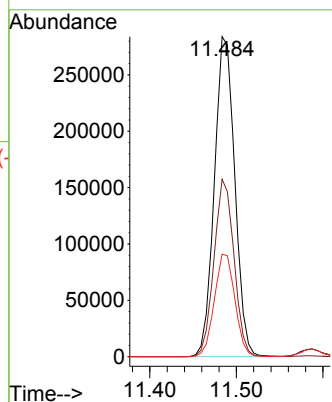
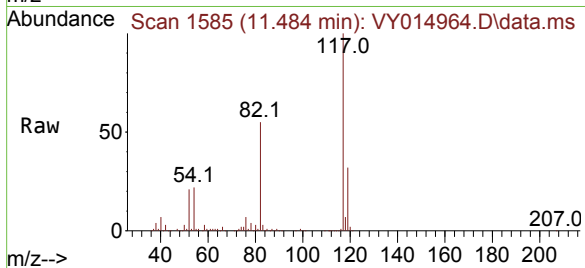
Tgt Ion:117 Resp: 465838

Ion Ratio Lower Upper

117 100

82 55.4 43.4 65.0

119 32.1 26.3 39.5



#64

Tetrachloroethene

Concen: 5.192 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY014964.D

Acq: 07 Aug 2023 15:22

Tgt Ion:164 Resp: 18195

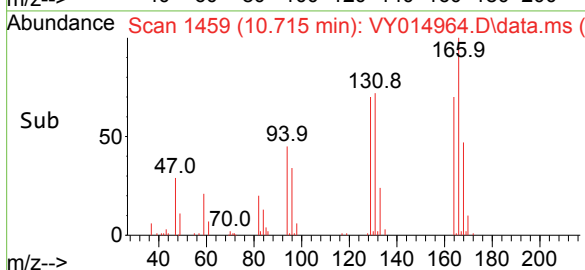
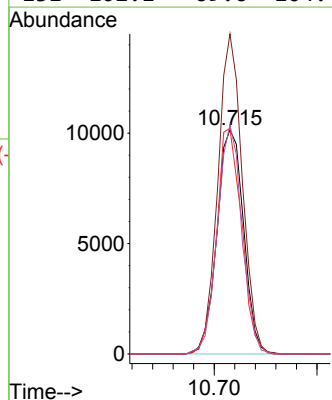
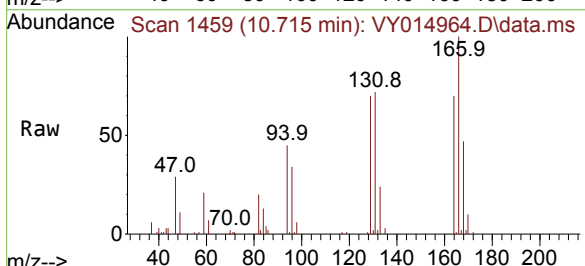
Ion Ratio Lower Upper

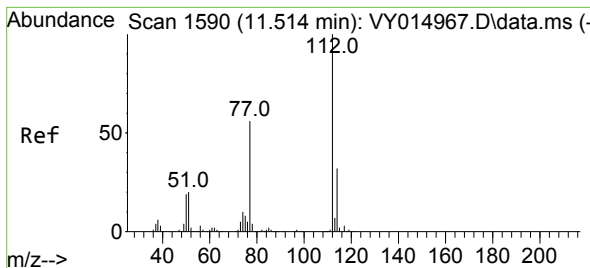
164 100

166 142.7 103.0 154.6

129 100.6 77.2 115.8

131 102.1 69.6 104.4





#65

Chlorobenzene

Concen: 5.335 ug/l

RT: 11.514 min Scan# 1159

Delta R.T. 0.000 min

Lab File: VY014964.D

Acq: 07 Aug 2023 15:22

Instrument :

MSVOA_Y

ClientSampleId :

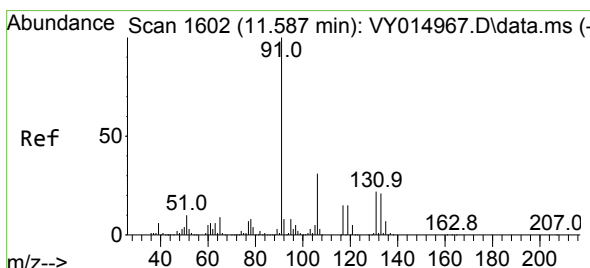
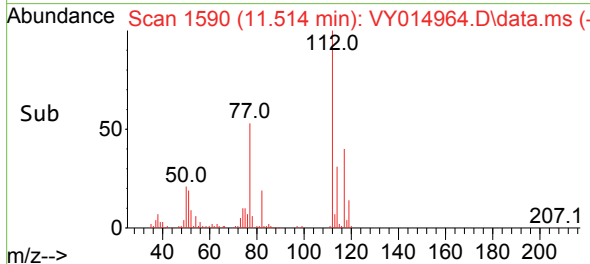
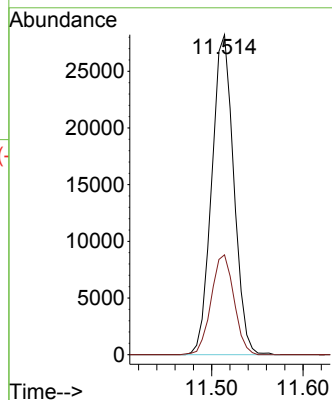
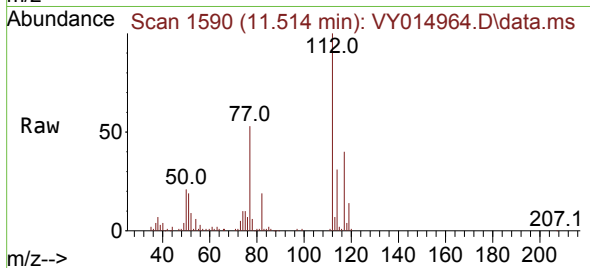
VSTDICC005

Tgt Ion:112 Resp: 47161

Ion Ratio Lower Upper

112 100

114 31.2 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 4.973 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY014964.D

Acq: 07 Aug 2023 15:22

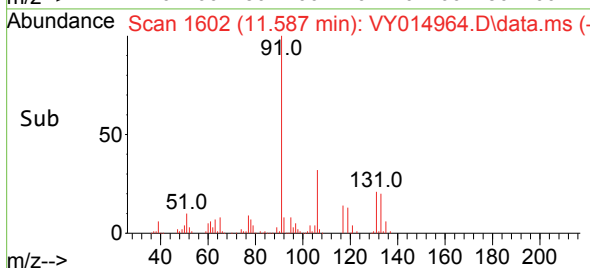
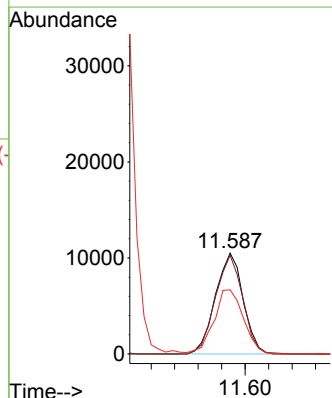
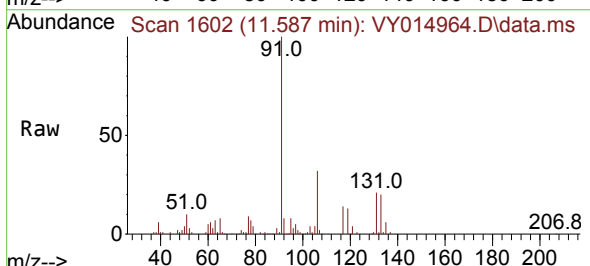
Tgt Ion:131 Resp: 17224

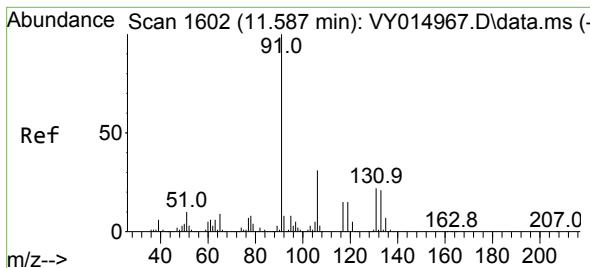
Ion Ratio Lower Upper

131 100

133 96.5 47.5 142.6

119 67.6 31.6 94.7





#67

Ethyl Benzene

Concen: 5.202 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY014964.D

Acq: 07 Aug 2023 15:22

Instrument :

MSVOA_Y

ClientSampleId :

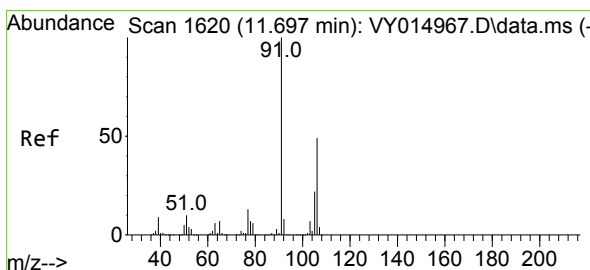
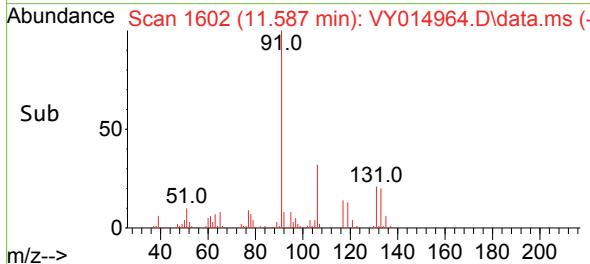
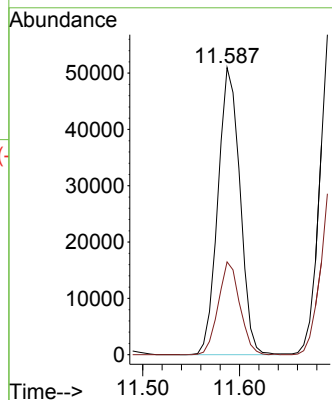
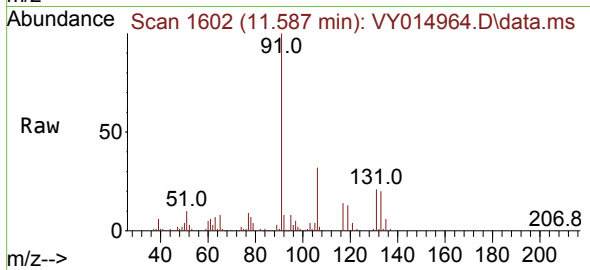
VSTDICC005

Tgt Ion: 91 Resp: 80700

Ion Ratio Lower Upper

91 100

106 32.4 24.6 36.8



#68

m/p-Xylenes

Concen: 10.392 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY014964.D

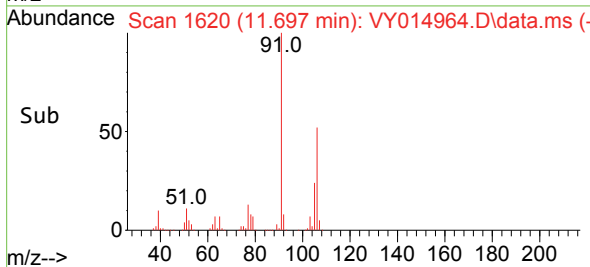
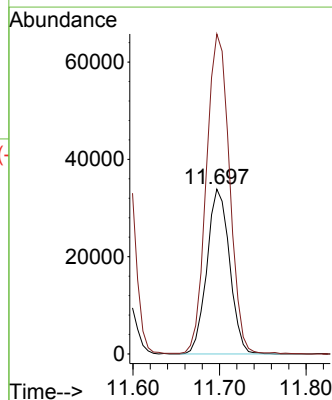
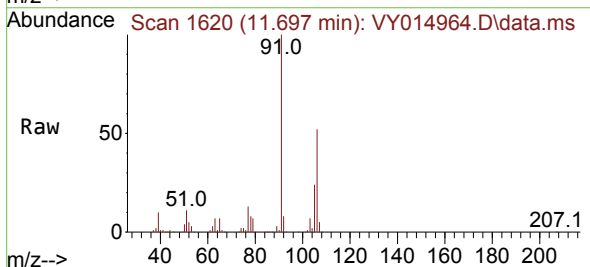
Acq: 07 Aug 2023 15:22

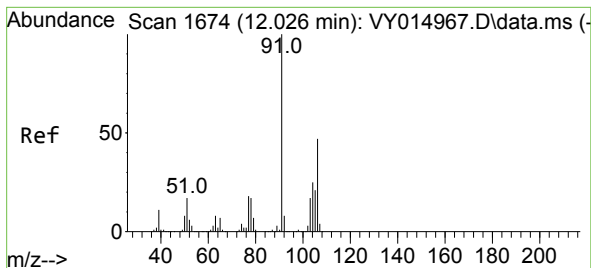
Tgt Ion: 106 Resp: 61671

Ion Ratio Lower Upper

106 100

91 198.9 166.1 249.1





#69

o-Xylene

Concen: 5.144 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014964.D

Acq: 07 Aug 2023 15:22

Instrument :

MSVOA_Y

ClientSampleId :

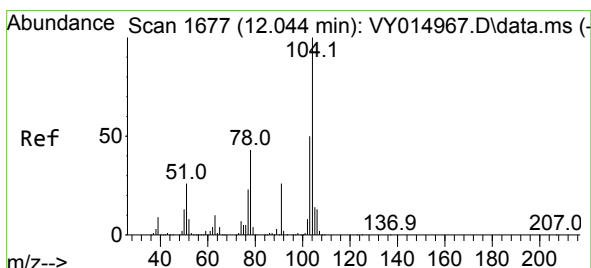
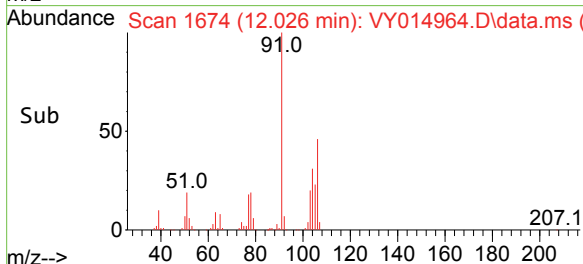
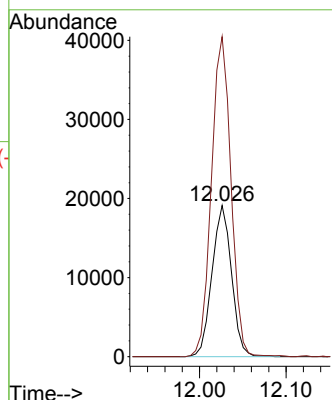
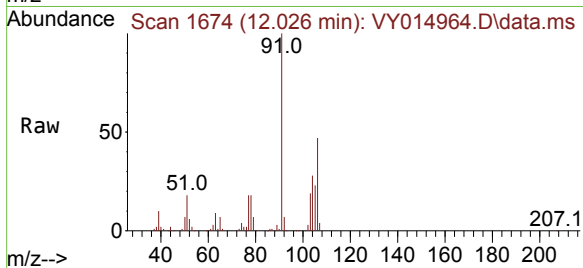
VSTDIC005

Tgt Ion:106 Resp: 29871

Ion Ratio Lower Upper

106 100

91 212.7 108.1 324.3



#70

Styrene

Concen: 4.976 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. -0.006 min

Lab File: VY014964.D

Acq: 07 Aug 2023 15:22

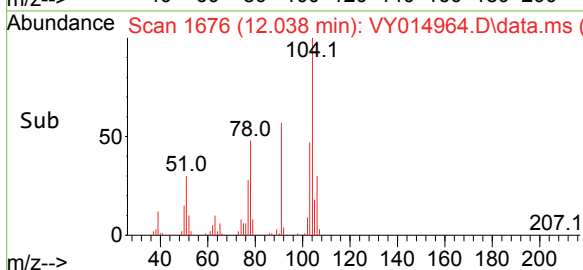
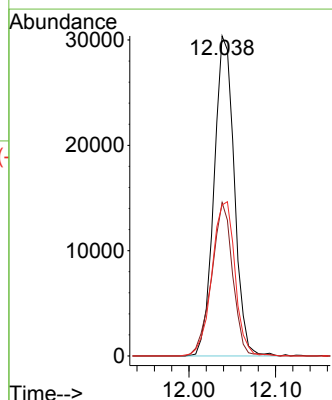
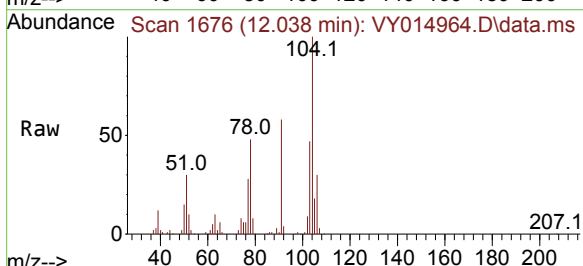
Tgt Ion:104 Resp: 49385

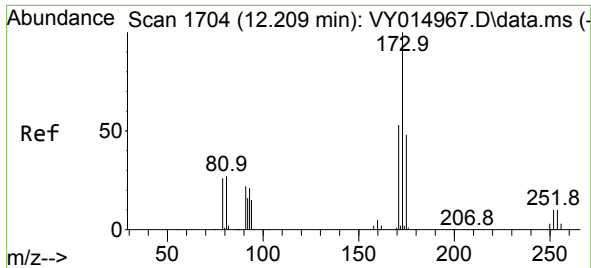
Ion Ratio Lower Upper

104 100

78 50.0 41.5 62.3

103 54.9 44.6 67.0

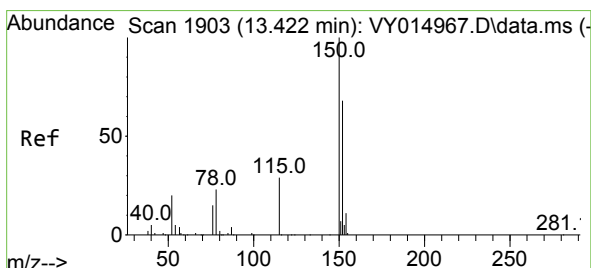
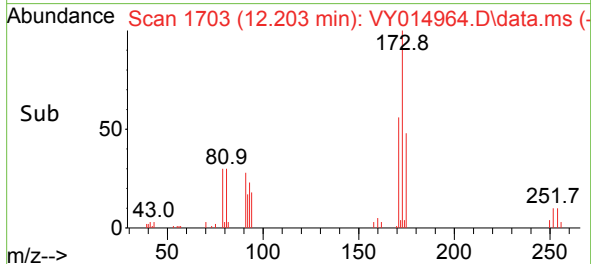
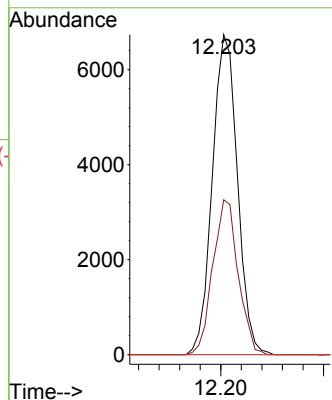
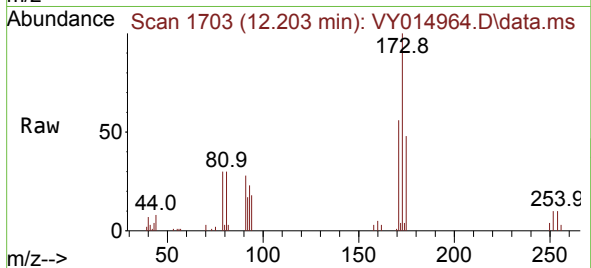




#71
Bromoform
Concen: 4.785 ug/l
RT: 12.203 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014964.D
Acq: 07 Aug 2023 15:22

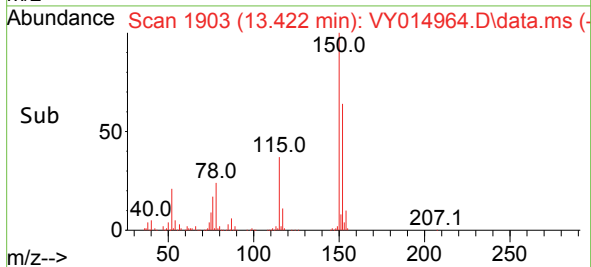
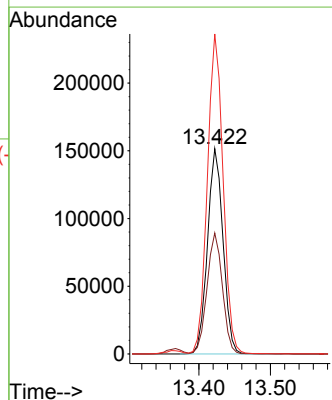
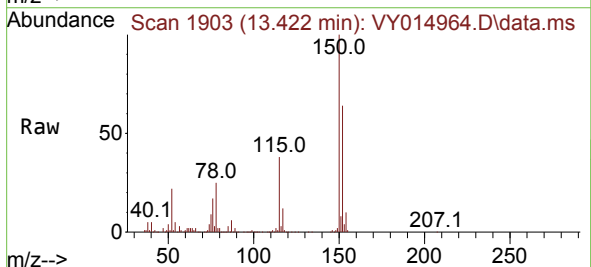
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

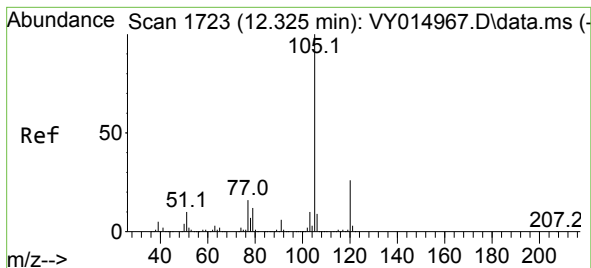
Tgt Ion:173 Resp: 11425
Ion Ratio Lower Upper
173 100
175 49.0 24.6 73.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014964.D
Acq: 07 Aug 2023 15:22

Tgt Ion:152 Resp: 228392
Ion Ratio Lower Upper
152 100
115 58.7 28.8 86.5
150 157.7 0.0 348.8





#73

Isopropylbenzene

Concen: 5.260 ug/l

RT: 12.325 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014964.D

Acq: 07 Aug 2023 15:22

Instrument :

MSVOA_Y

ClientSampleId :

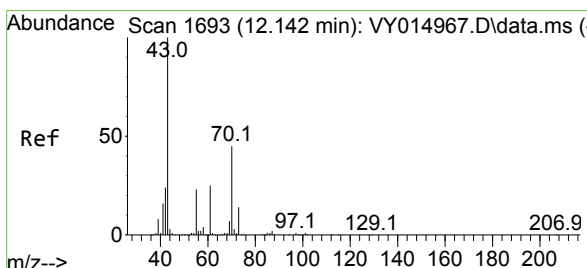
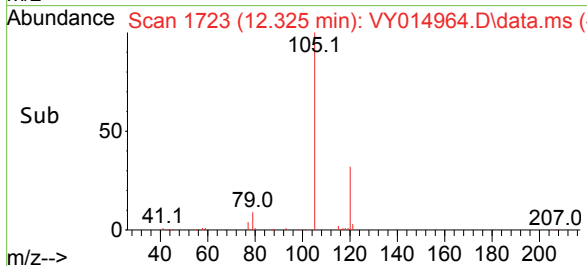
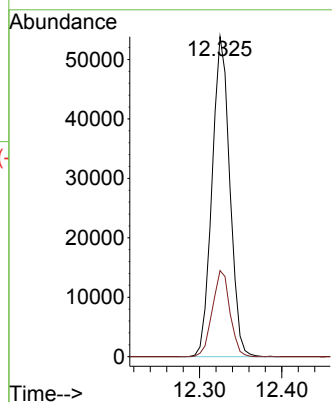
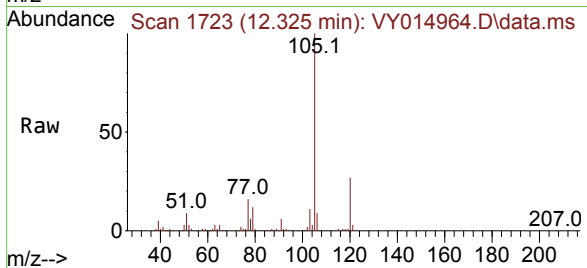
VSTDIC005

Tgt Ion:105 Resp: 80759

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



#74

N-ethyl acetate

Concen: 4.749 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY014964.D

Acq: 07 Aug 2023 15:22

Tgt Ion: 43 Resp: 24913

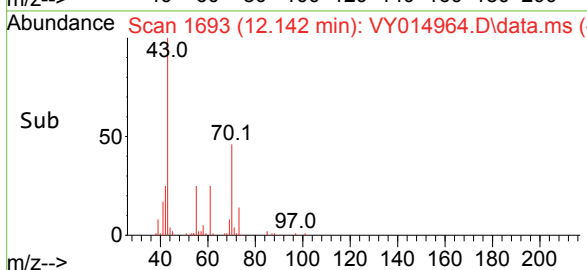
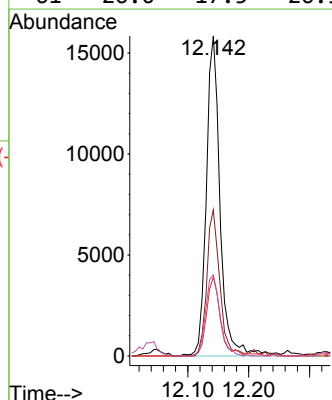
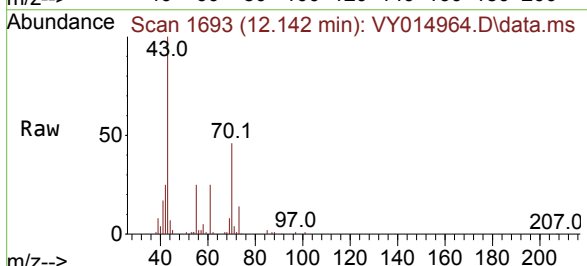
Ion Ratio Lower Upper

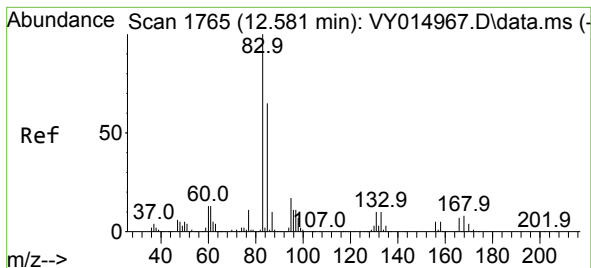
43 100

70 43.0 29.7 44.5

55 25.4 18.3 27.5

61 26.0 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 5.112 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY014964.D

Acq: 07 Aug 2023 15:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

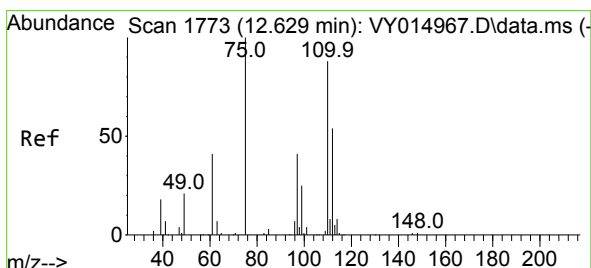
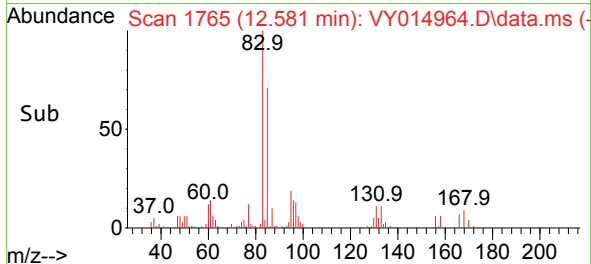
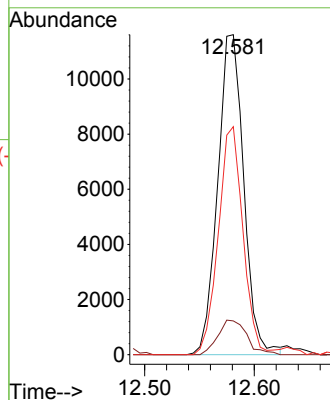
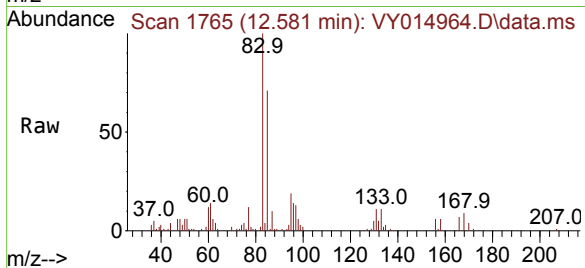
Tgt Ion: 83 Resp: 19178

Ion Ratio Lower Upper

83 100

131 12.0 5.4 16.2

85 67.4 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 9.095 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY014964.D

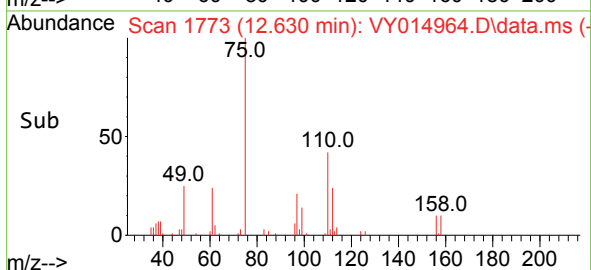
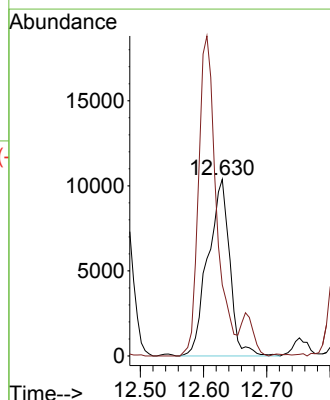
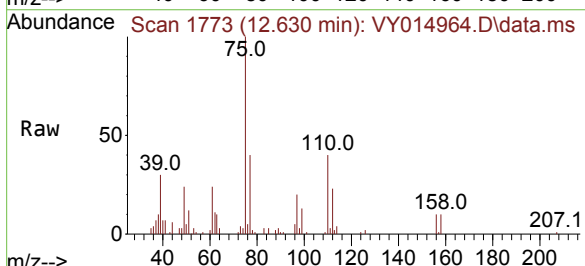
Acq: 07 Aug 2023 15:22

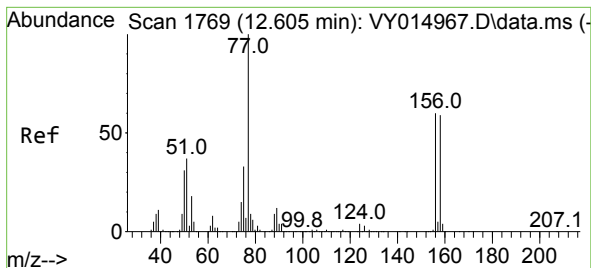
Tgt Ion: 75 Resp: 24890

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 5.292 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY014964.D

Acq: 07 Aug 2023 15:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

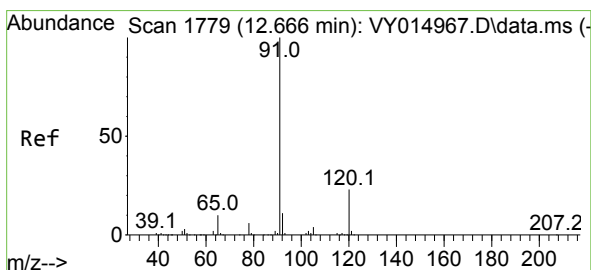
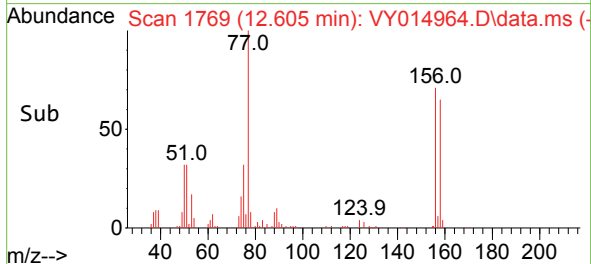
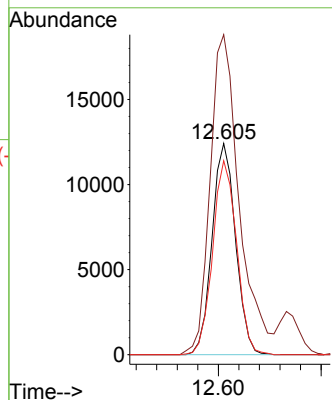
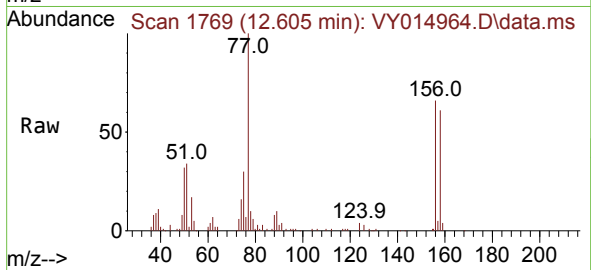
Tgt Ion:156 Resp: 19707

Ion Ratio Lower Upper

156 100

77 187.9 92.8 278.6

158 93.8 48.4 145.3



#78

n-propylbenzene

Concen: 5.251 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY014964.D

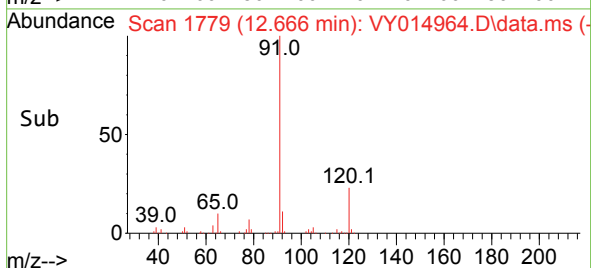
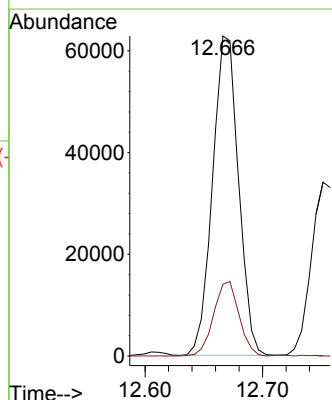
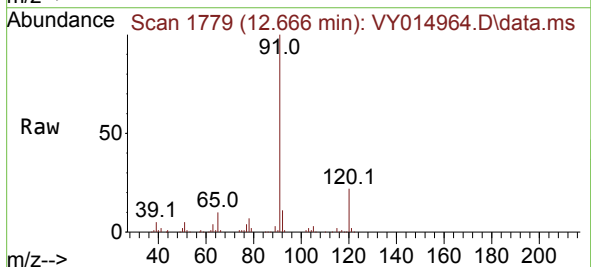
Acq: 07 Aug 2023 15:22

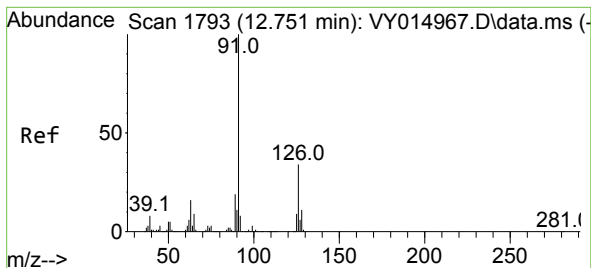
Tgt Ion: 91 Resp: 96417

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 5.278 ug/l

RT: 12.752 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014964.D

Acq: 07 Aug 2023 15:22

Instrument :

MSVOA_Y

ClientSampleId :

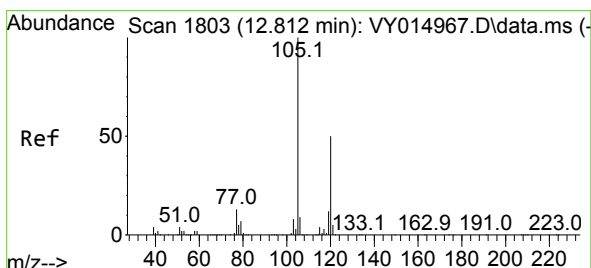
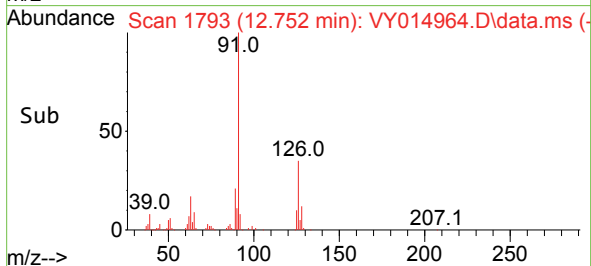
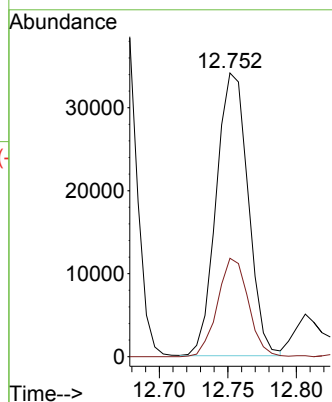
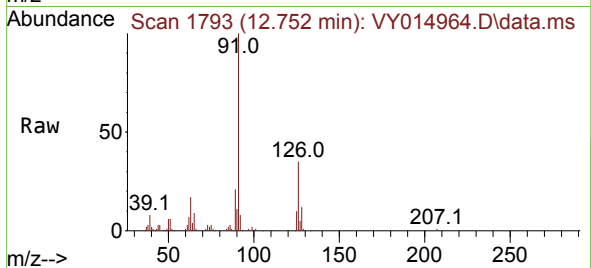
VSTDICC005

Tgt Ion: 91 Resp: 55233

Ion Ratio Lower Upper

91 100

126 33.6 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 5.133 ug/l

RT: 12.806 min Scan# 1802

Delta R.T. -0.006 min

Lab File: VY014964.D

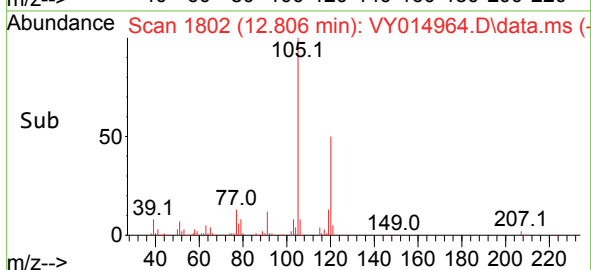
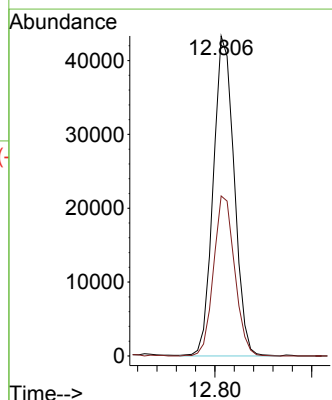
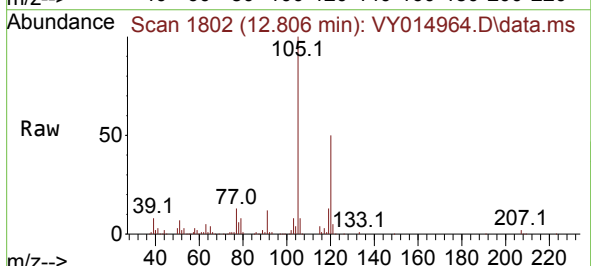
Acq: 07 Aug 2023 15:22

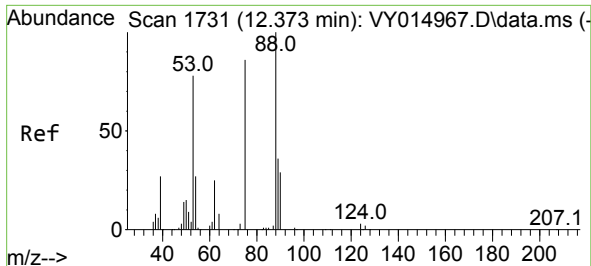
Tgt Ion: 105 Resp: 64944

Ion Ratio Lower Upper

105 100

120 50.5 23.9 71.7

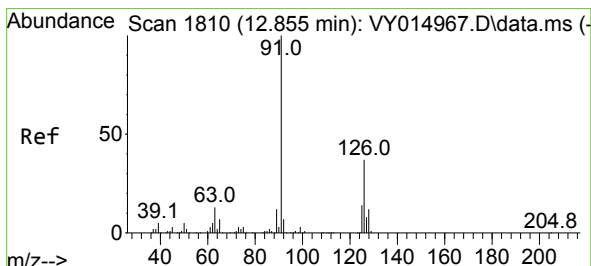
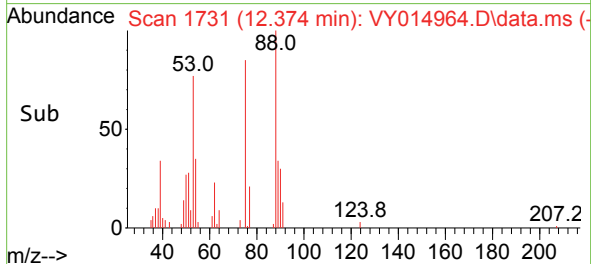
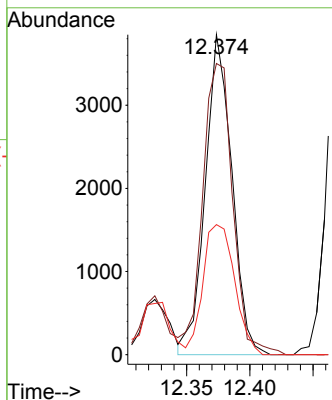
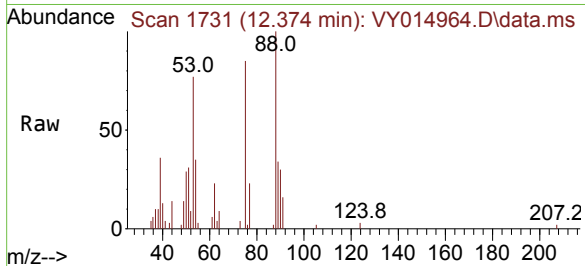




#81
trans-1,4-Dichloro-2-butene
Concen: 4.536 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY014964.D
Acq: 07 Aug 2023 15:22

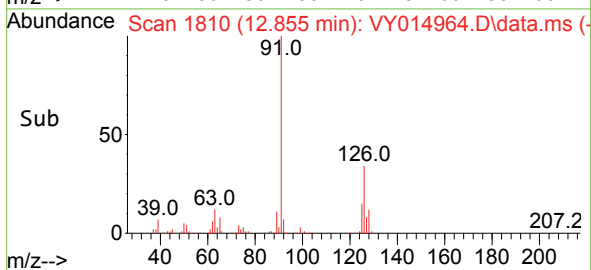
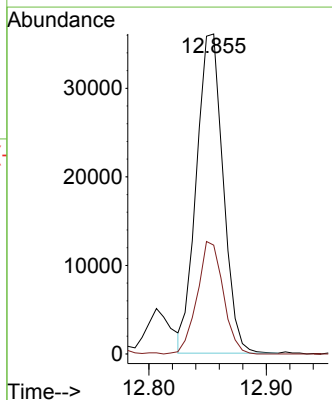
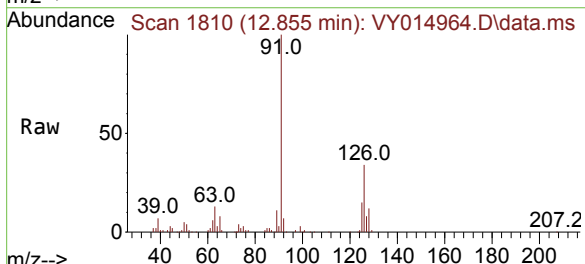
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

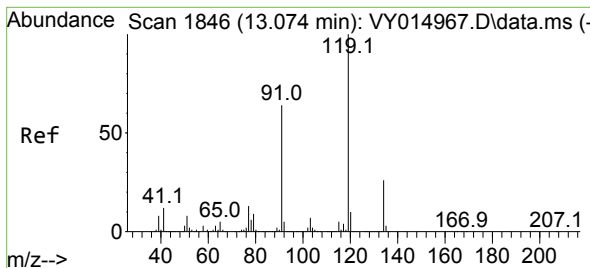
Tgt Ion: 75 Resp: 5635
Ion Ratio Lower Upper
75 100
53 102.8 77.8 116.8
89 48.4 37.4 56.0



#82
4-Chlorotoluene
Concen: 5.256 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY014964.D
Acq: 07 Aug 2023 15:22

Tgt Ion: 91 Resp: 56861
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.6





#83

tert-Butylbenzene

Concen: 5.183 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY014964.D

Acq: 07 Aug 2023 15:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

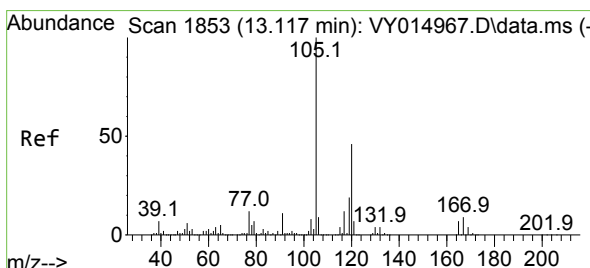
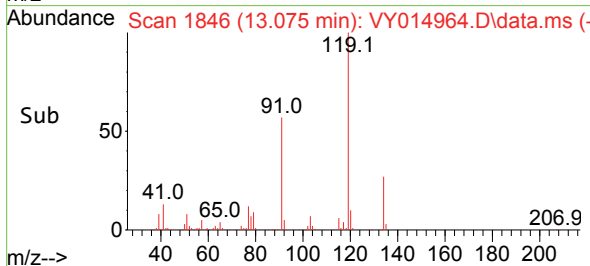
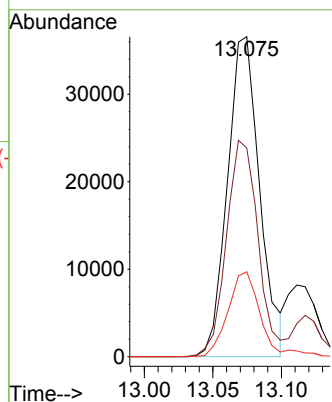
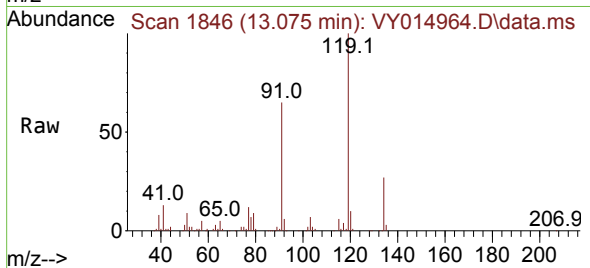
Tgt Ion:119 Resp: 59986

Ion Ratio Lower Upper

119 100

91 66.1 32.9 98.6

134 26.9 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 5.159 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY014964.D

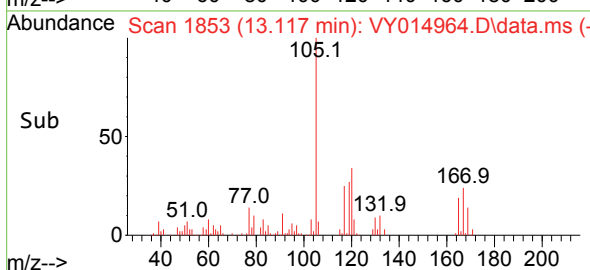
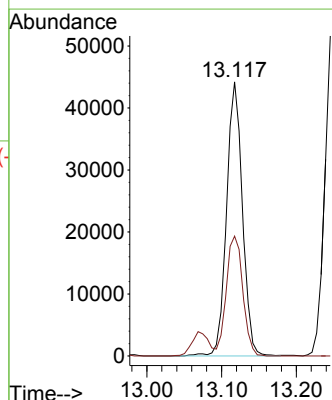
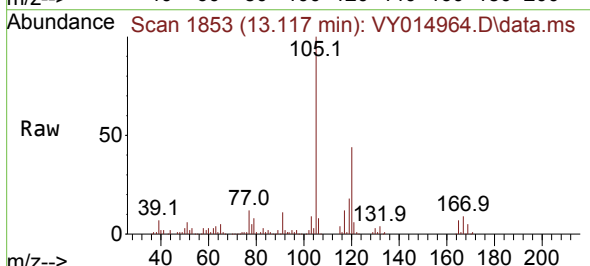
Acq: 07 Aug 2023 15:22

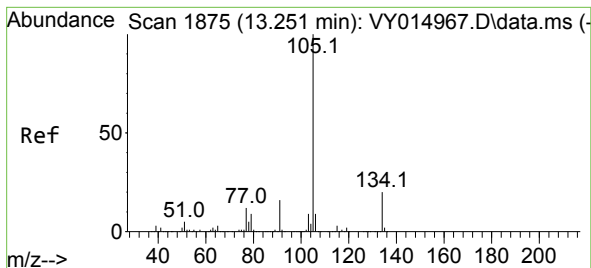
Tgt Ion:105 Resp: 65389

Ion Ratio Lower Upper

105 100

120 45.3 22.2 66.6





#85

sec-Butylbenzene

Concen: 5.257 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY014964.D

Acq: 07 Aug 2023 15:22

Instrument :

MSVOA_Y

ClientSampleId :

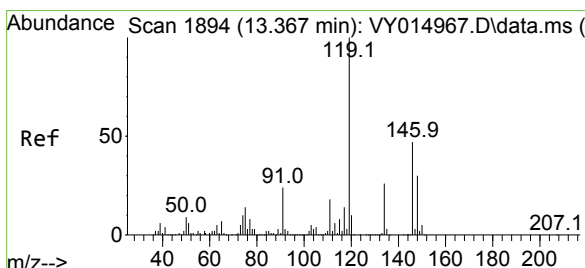
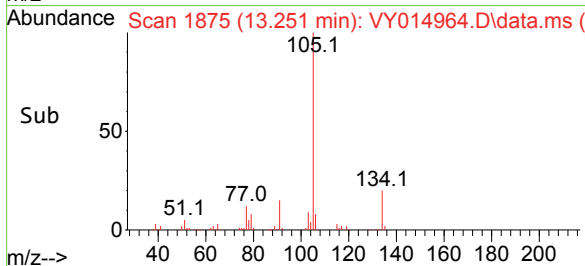
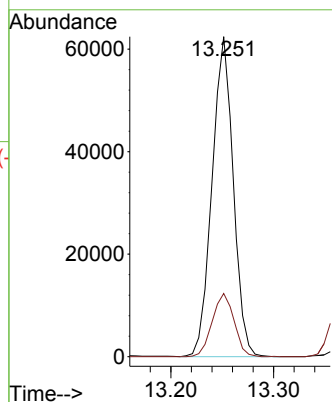
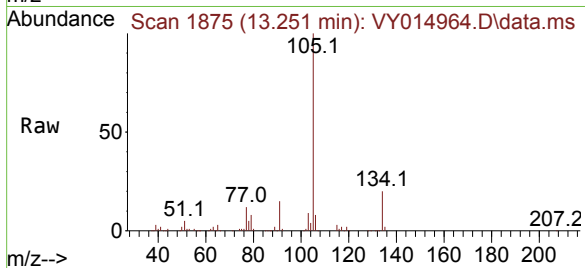
VSTDIC005

Tgt Ion:105 Resp: 89301

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.6



#86

p-Isopropyltoluene

Concen: 5.076 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY014964.D

Acq: 07 Aug 2023 15:22

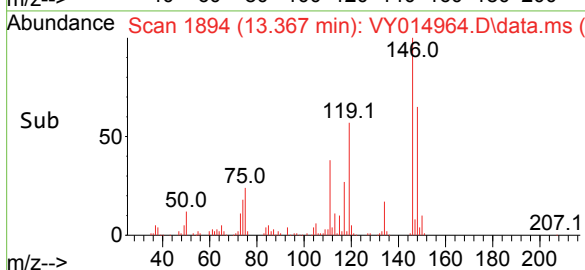
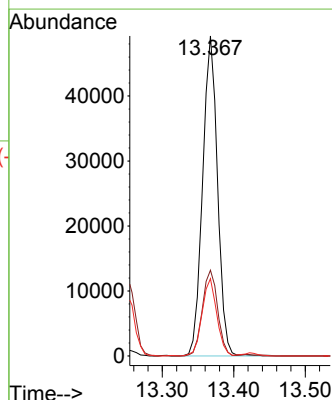
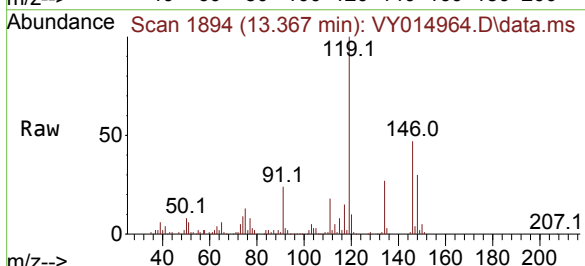
Tgt Ion:119 Resp: 71376

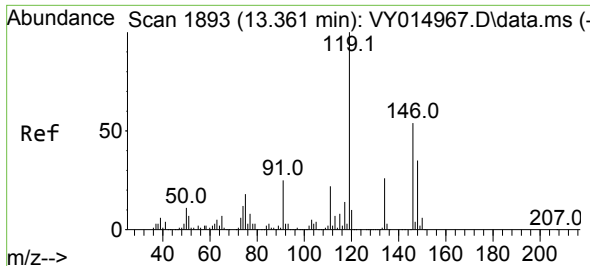
Ion Ratio Lower Upper

119 100

134 27.5 13.3 39.8

91 24.0 12.4 37.4

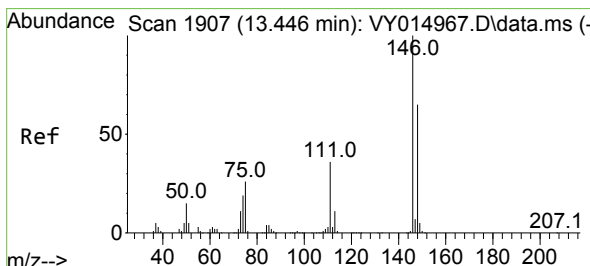
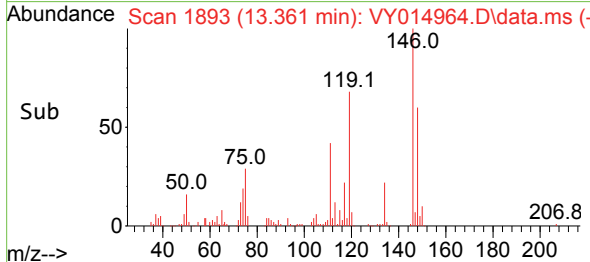
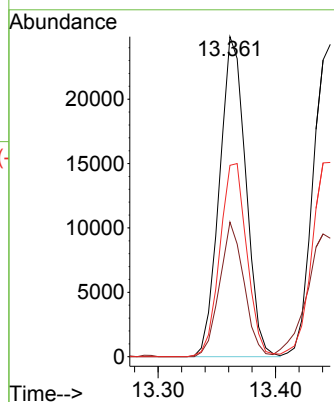
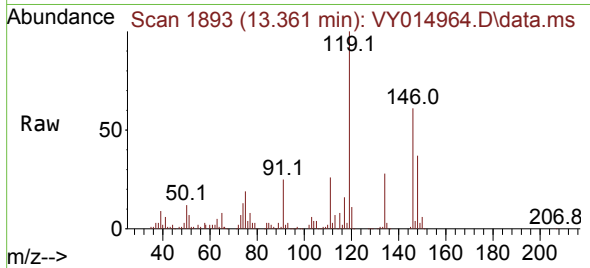




#87
 1,3-Dichlorobenzene
 Concen: 5.305 ug/l
 RT: 13.361 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VY014964.D
 Acq: 07 Aug 2023 15:22

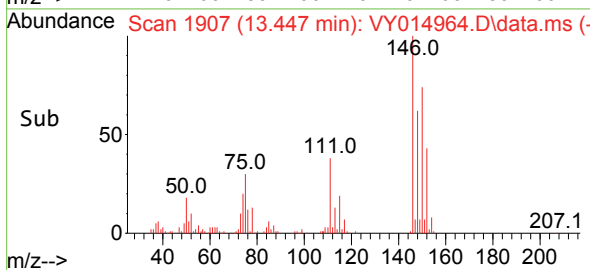
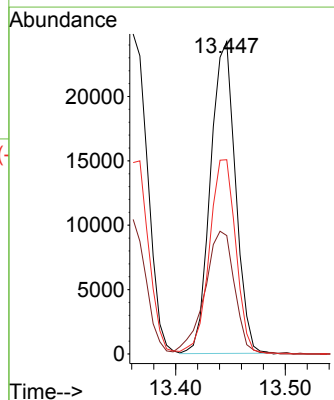
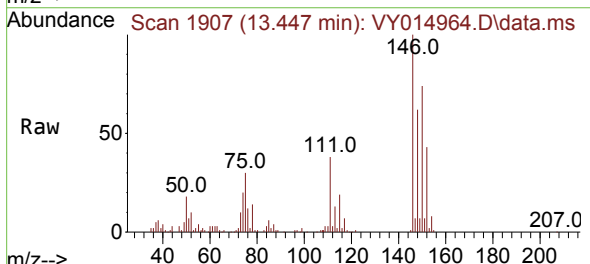
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

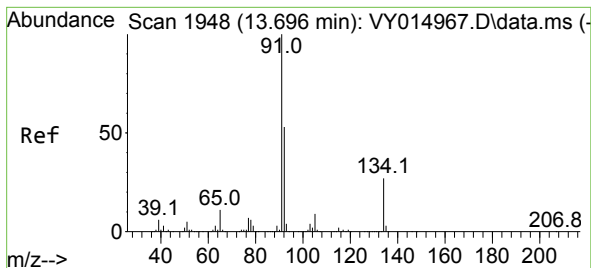
Tgt Ion:146 Resp: 38670
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.4 58.2
 148 62.0 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 5.282 ug/l
 RT: 13.447 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY014964.D
 Acq: 07 Aug 2023 15:22

Tgt Ion:146 Resp: 38395
 Ion Ratio Lower Upper
 146 100
 111 47.2 18.9 56.7
 148 65.9 32.1 96.5





#89

n-Butylbenzene

Concen: 5.130 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY014964.D

Acq: 07 Aug 2023 15:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

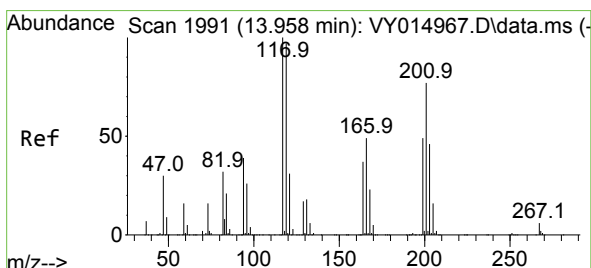
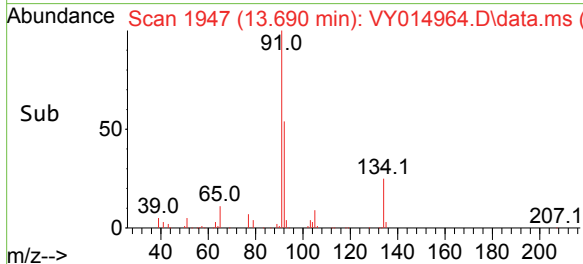
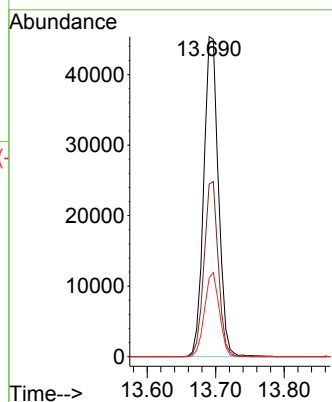
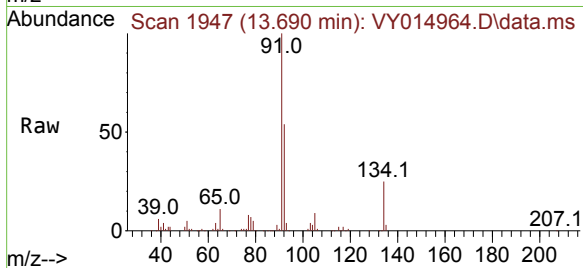
Tgt Ion: 91 Resp: 67772

Ion Ratio Lower Upper

91 100

92 53.1 25.4 76.0

134 26.4 12.6 37.6



#90

Hexachloroethane

Concen: 5.240 ug/l

RT: 13.953 min Scan# 1990

Delta R.T. -0.006 min

Lab File: VY014964.D

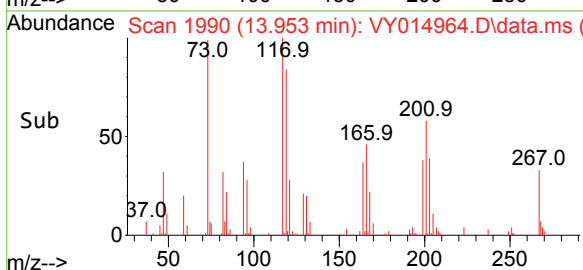
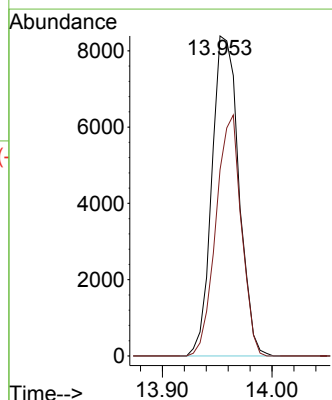
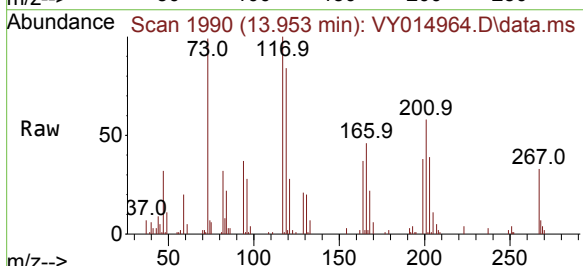
Acq: 07 Aug 2023 15:22

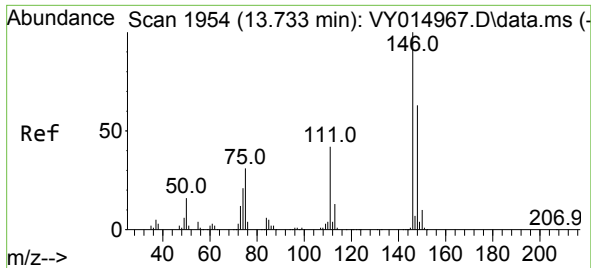
Tgt Ion: 117 Resp: 14308

Ion Ratio Lower Upper

117 100

201 71.2 41.6 124.8

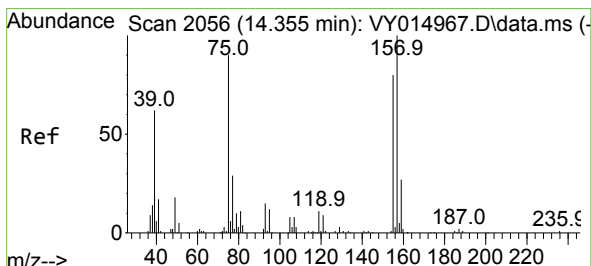
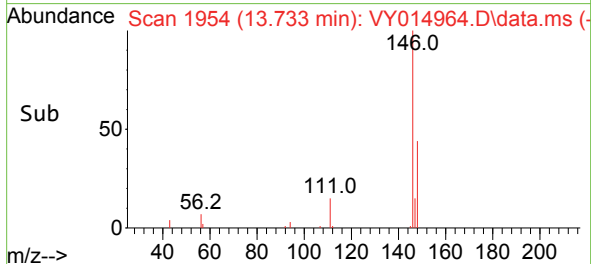
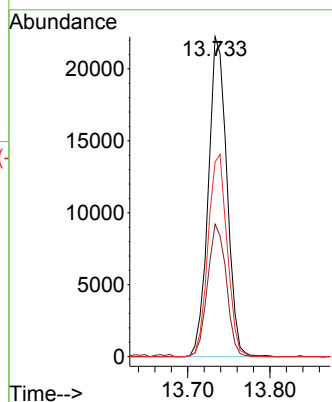
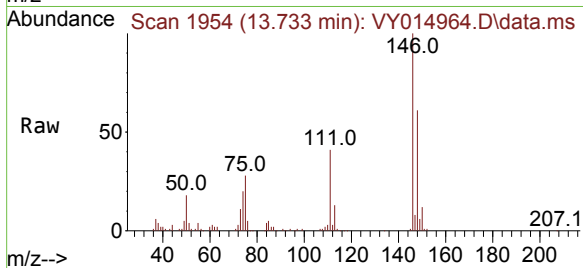




#91
1,2-Dichlorobenzene
Concen: 5.182 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. 0.000 min
Lab File: VY014964.D
Acq: 07 Aug 2023 15:22

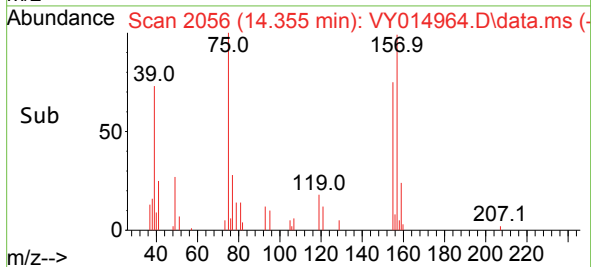
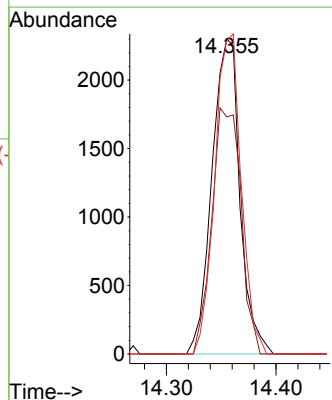
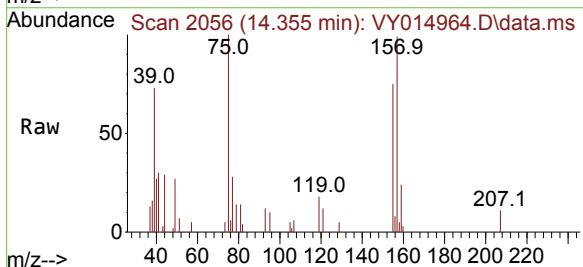
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

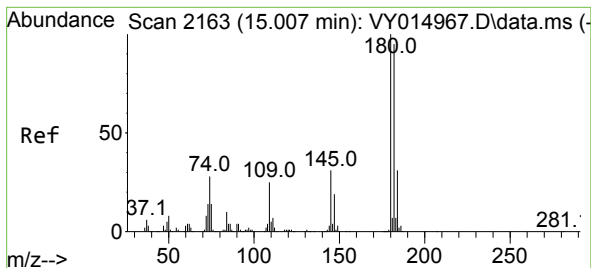
Tgt Ion:	146	Resp:	34864
Ion Ratio	Lower	Upper	
146	100		
111	41.8	19.7	59.0
148	64.8	32.0	96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.583 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY014964.D
Acq: 07 Aug 2023 15:22

Tgt Ion:	75	Resp:	4090
Ion Ratio	Lower	Upper	
75	100		
155	80.9	41.5	124.6
157	95.6	51.8	155.5





#93

1,2,4-Trichlorobenzene

Concen: 5.137 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY014964.D

Acq: 07 Aug 2023 15:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

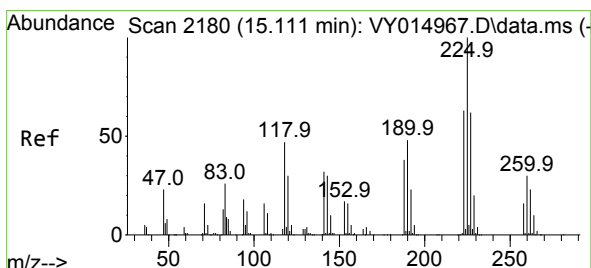
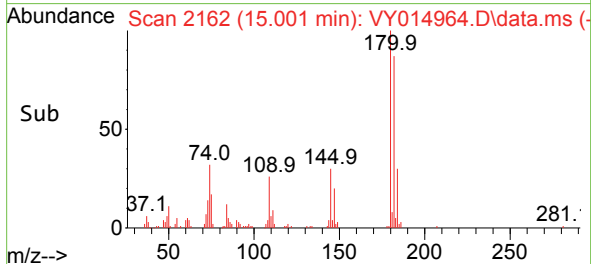
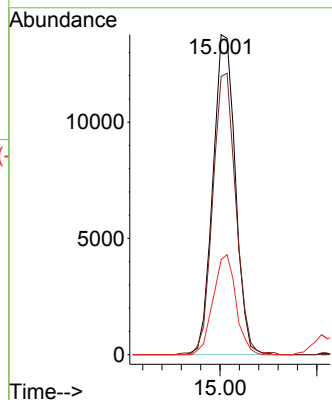
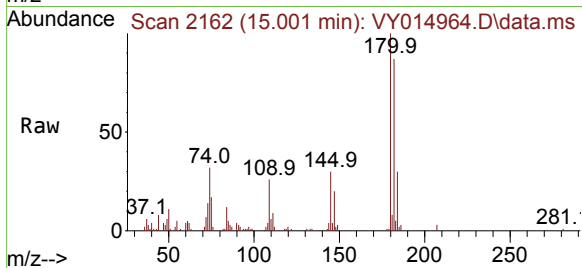
Tgt Ion:180 Resp: 22115

Ion Ratio Lower Upper

180 100

182 90.7 47.0 141.2

145 31.7 14.5 43.5



#94

Hexachlorobutadiene

Concen: 5.299 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY014964.D

Acq: 07 Aug 2023 15:22

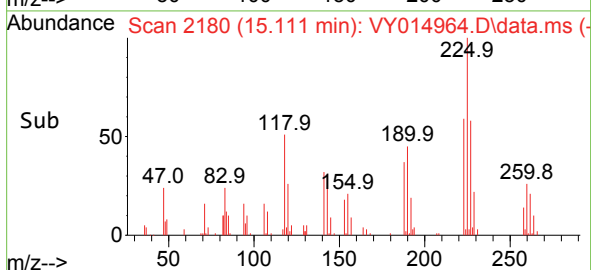
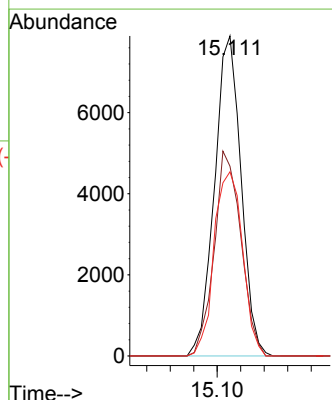
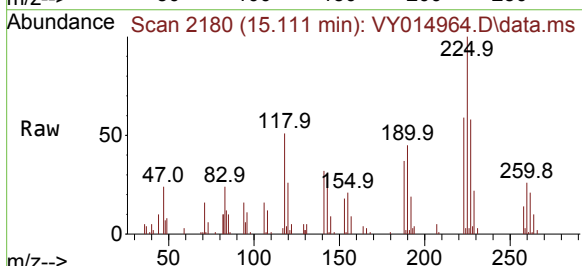
Tgt Ion:225 Resp: 12369

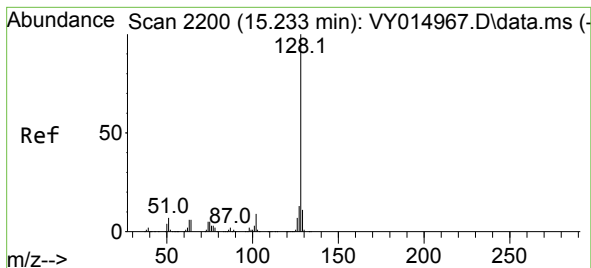
Ion Ratio Lower Upper

225 100

223 64.7 31.9 95.9

227 61.8 33.0 98.9





#95

Naphthalene

Concen: 4.790 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY014964.D

Acq: 07 Aug 2023 15:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

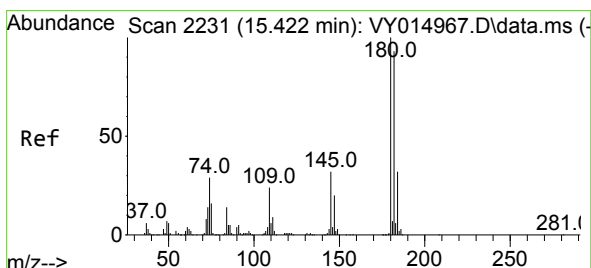
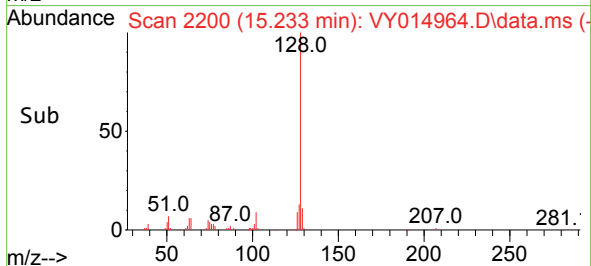
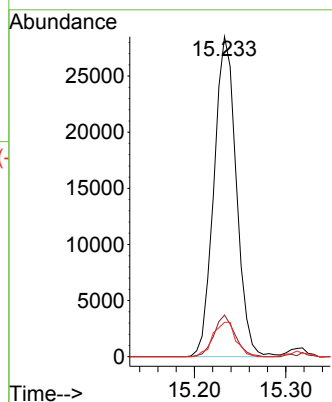
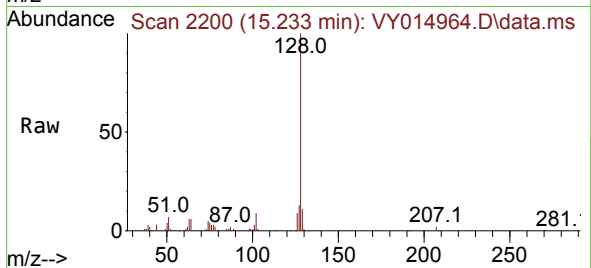
Tgt Ion:128 Resp: 48520

Ion Ratio Lower Upper

128 100

127 12.2 10.8 16.2

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 5.064 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY014964.D

Acq: 07 Aug 2023 15:22

Tgt Ion:180 Resp: 19732

Ion Ratio Lower Upper

180 100

182 95.8 47.3 141.8

145 32.4 15.4 46.2

