

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032924\
 Data File : VY017794.D
 Acq On : 29 Mar 2024 16:19
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 30 05:46:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:41:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	276336	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	431992	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	372493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	175254	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	239096	99.988	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 199.980%#	
35) Dibromofluoromethane	7.722	113	248034	99.363	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 198.720%#	
50) Toluene-d8	10.185	98	948272	101.696	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 203.400%#	
62) 4-Bromofluorobenzene	12.489	95	296903	104.654	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 209.300%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	169831	91.898	ug/l	100
3) Chloromethane	2.113	50	349065	96.777	ug/l	96
4) Vinyl Chloride	2.247	62	465809	98.819	ug/l	99
5) Bromomethane	2.644	94	359310	94.274	ug/l	97
6) Chloroethane	2.790	64	306348	99.609	ug/l	99
7) Trichlorofluoromethane	3.119	101	447328	97.311	ug/l	99
8) Diethyl Ether	3.527	74	138241	102.377	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.893	101	258512	93.773	ug/l	99
10) Methyl Iodide	4.088	142	342939	114.391	ug/l	100
11) Tert butyl alcohol	4.954	59	95566	508.752	ug/l #	82
12) 1,1-Dichloroethene	3.869	96	255028	98.860	ug/l	96
13) Acrolein	3.723	56	82365	491.643	ug/l	99
14) Allyl chloride	4.479	41	326879	103.285	ug/l	100
15) Acrylonitrile	5.155	53	298753	524.141	ug/l	99
16) Acetone	3.942	43	255129	516.155	ug/l	94
17) Carbon Disulfide	4.192	76	775157	106.180	ug/l	99
18) Methyl Acetate	4.472	43	114078	104.197	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	631507	106.915	ug/l	99
20) Methylene Chloride	4.710	84	282697	95.762	ug/l	97
21) trans-1,2-Dichloroethene	5.216	96	279103	101.105	ug/l	99
22) Diisopropyl ether	6.118	45	768399	105.045	ug/l	98
23) Vinyl Acetate	6.058	43	2447276	547.958	ug/l	99
24) 1,1-Dichloroethane	6.015	63	489000	100.719	ug/l	97
25) 2-Butanone	6.984	43	381923	542.391	ug/l	95
26) 2,2-Dichloropropane	6.984	77	415799	99.156	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	334029	102.385	ug/l	97
28) Bromochloromethane	7.332	49	194587	98.556	ug/l	96
29) Tetrahydrofuran	7.350	42	234207	554.323	ug/l	99
30) Chloroform	7.508	83	496756	98.613	ug/l	98
31) Cyclohexane	7.789	56	410135	97.361	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	424151	98.928	ug/l	97
36) 1,1-Dichloropropene	7.923	75	374604	102.851	ug/l	97
37) Ethyl Acetate	7.076	43	171413	109.057	ug/l	99
38) Carbon Tetrachloride	7.905	117	379272	100.308	ug/l	99
39) Methylcyclohexane	9.185	83	474133	104.216	ug/l	96
40) Benzene	8.161	78	1144362	101.952	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	79992	79.699	ug/l	96
42) 1,2-Dichloroethane	8.240	62	279757	101.261	ug/l	98
43) Isopropyl Acetate	8.277	43	312760	109.647	ug/l	97
44) Trichloroethene	8.941	130	293347	100.450	ug/l	97
45) 1,2-Dichloropropane	9.222	63	266364	102.124	ug/l	98
46) Dibromomethane	9.307	93	151932	102.530	ug/l	99
47) Bromodichloromethane	9.502	83	379986	101.486	ug/l	99
48) Methyl methacrylate	9.295	41	144430	101.633	ug/l	98
49) 1,4-Dioxane	9.301	88	35187	2115.223	ug/l #	93
51) 4-Methyl-2-Pentanone	10.075	43	838031	504.788	ug/l	100
52) Toluene	10.252	92	697045	102.380	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	360818	108.532	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	431219	106.277	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	199733	101.156	ug/l	93
56) Ethyl methacrylate	10.514	69	290051	100.886	ug/l	98
57) 1,3-Dichloropropane	10.794	76	344221	103.076	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	708715	483.730	ug/l	98
59) 2-Hexanone	10.837	43	596913	504.847	ug/l	100
60) Dibromochloromethane	10.990	129	258861	103.946	ug/l	99
61) 1,2-Dibromoethane	11.093	107	186705	103.699	ug/l	100
64) Tetrachloroethene	10.727	164	312357	96.142	ug/l	99
65) Chlorobenzene	11.520	112	761387	99.644	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	267094	102.946	ug/l	100
67) Ethyl Benzene	11.599	91	1376547	104.796	ug/l	99
68) m/p-Xylenes	11.709	106	1041814	209.134	ug/l	98
69) o-Xylene	12.038	106	496072	99.796	ug/l	99
70) Styrene	12.050	104	852785	99.785	ug/l	100
71) Bromoform	12.215	173	155043	107.807	ug/l #	98
73) Isopropylbenzene	12.337	105	1256270	102.287	ug/l	99
74) N-amyl acetate	12.148	43	280745	101.027	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	225275	106.035	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	295192	184.591	ug/l #	100
77) Bromobenzene	12.617	156	298600	102.082	ug/l	99
78) n-propylbenzene	12.678	91	1515936	101.155	ug/l	100
79) 2-Chlorotoluene	12.764	91	828043	100.872	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	989229	103.206	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	82355	102.029	ug/l	98
82) 4-Chlorotoluene	12.861	91	853623	100.427	ug/l	99
83) tert-Butylbenzene	13.081	119	884949	101.551	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	992687	103.988	ug/l	99
85) sec-Butylbenzene	13.257	105	1311355	100.261	ug/l	99
86) p-Isopropyltoluene	13.373	119	1150474	105.232	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	598472	103.110	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	553355	99.605	ug/l	98
89) n-Butylbenzene	13.702	91	1027694	102.172	ug/l	99
90) Hexachloroethane	13.971	117	214366	98.607	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	484985	100.804	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	30240	105.332	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	281208	106.712	ug/l	100
94) Hexachlorobutadiene	15.117	225	153130	95.857	ug/l	98
95) Naphthalene	15.239	128	527047	101.508	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	242175	108.795	ug/l	98

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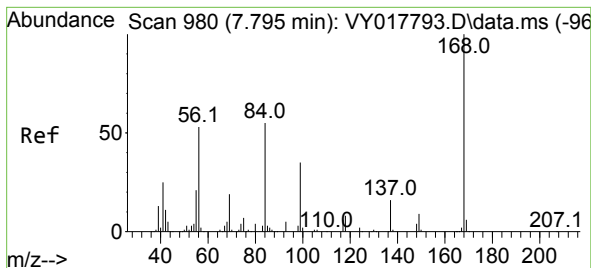
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY017794.D

Acq: 29 Mar 2024 16:19

Instrument :

MSVOA_Y

ClientSampleId :

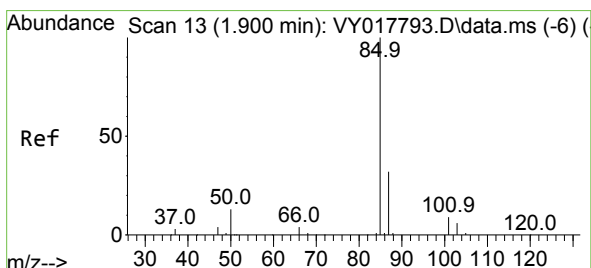
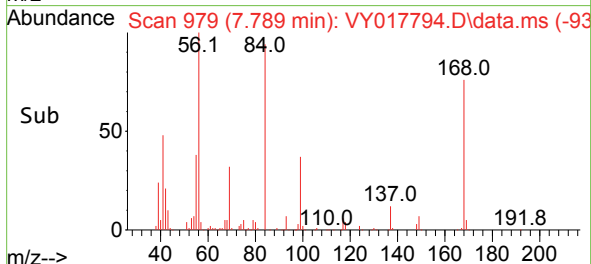
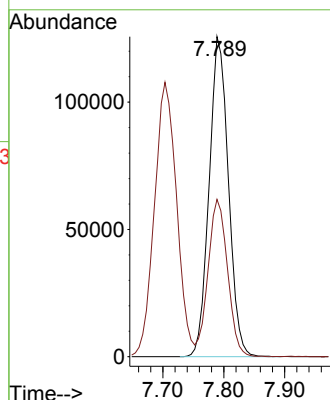
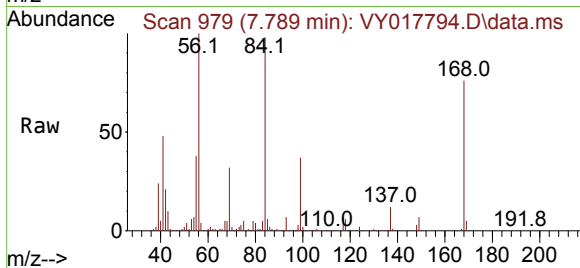
VSTDICC100

Tgt Ion:168 Resp: 276336

Ion Ratio Lower Upper

168 100

99 49.1 39.1 58.7



#2

Dichlorodifluoromethane

Concen: 91.898 ug/l

RT: 1.900 min Scan# 13

Delta R.T. 0.000 min

Lab File: VY017794.D

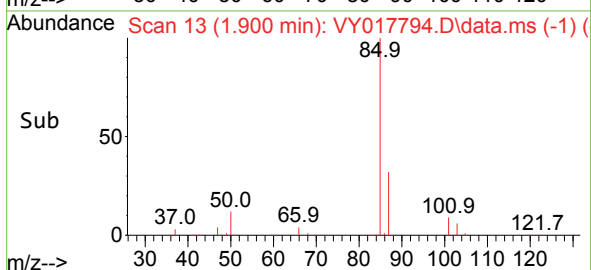
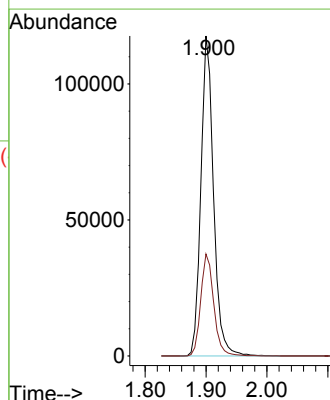
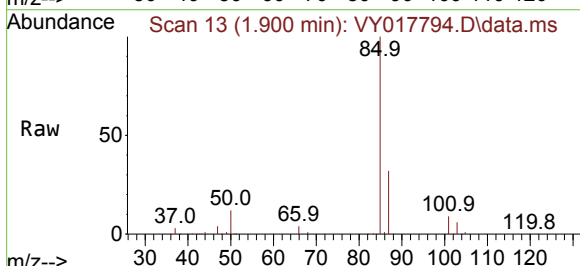
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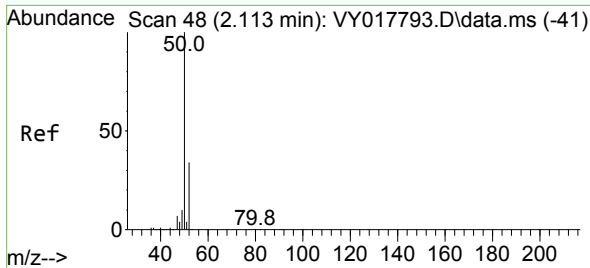
Tgt Ion: 85 Resp: 169831

Ion Ratio Lower Upper

85 100

87 31.9 16.0 48.0

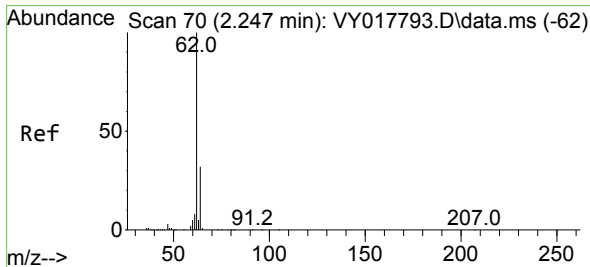
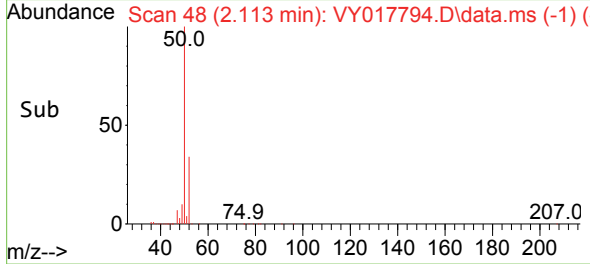
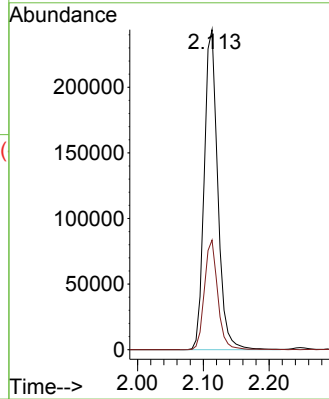
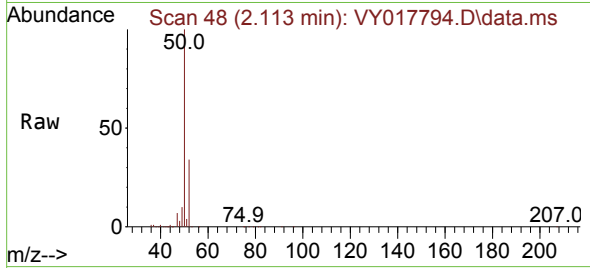




#3
Chloromethane
Concen: 96.777 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY017794.D
Acq: 29 Mar 2024 16:19

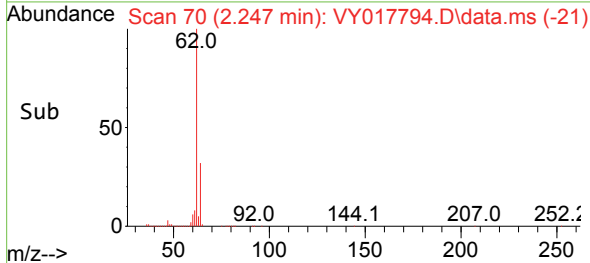
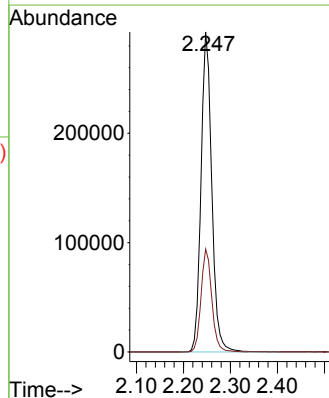
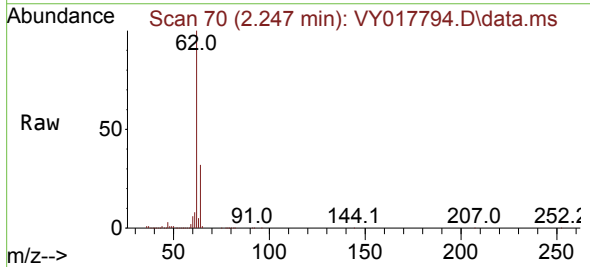
Instrument :
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ClientSampleId :
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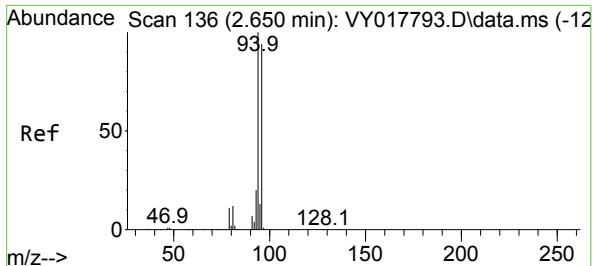
Tgt Ion: 50 Resp: 349065
Ion Ratio Lower Upper
50 100
52 34.3 25.6 38.4



#4
Vinyl Chloride
Concen: 98.819 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY017794.D
Acq: 29 Mar 2024 16:19

Tgt Ion: 62 Resp: 465809
Ion Ratio Lower Upper
62 100
64 32.1 26.1 39.1

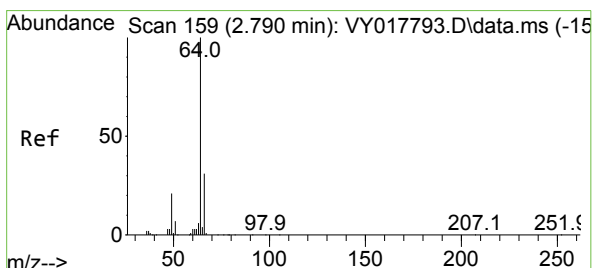
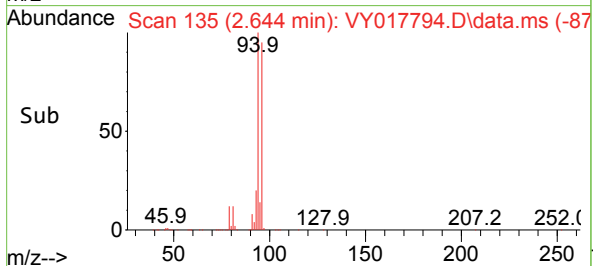
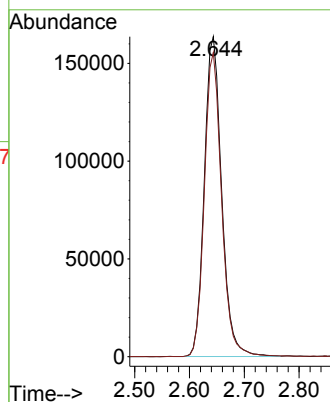
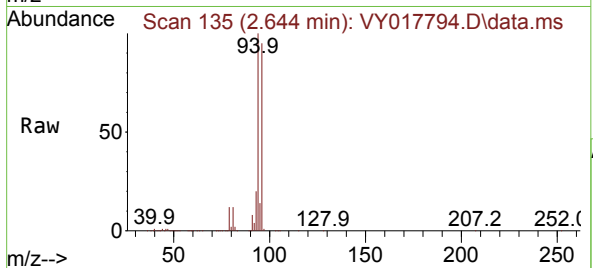




#5
Bromomethane
Concen: 94.274 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017794.D
Acq: 29 Mar 2024 16:19

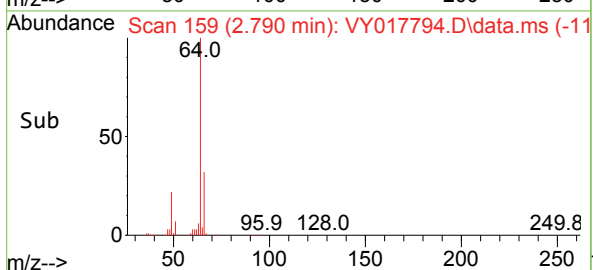
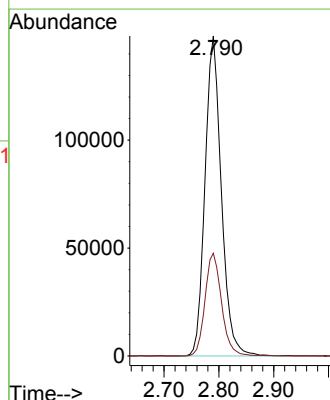
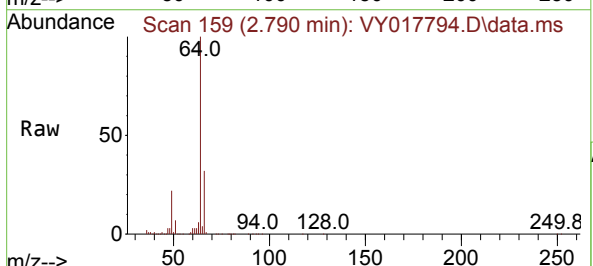
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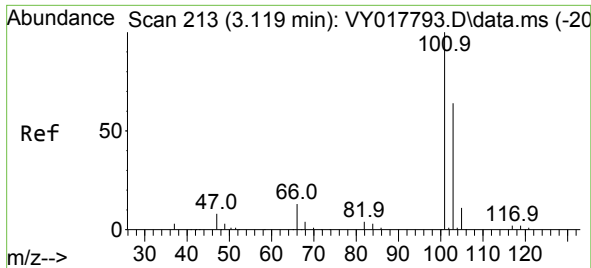
Tgt Ion: 94 Resp: 359310
Ion Ratio Lower Upper
94 100
96 95.1 74.1 111.1



#6
Chloroethane
Concen: 99.609 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
Lab File: VY017794.D
Acq: 29 Mar 2024 16:19

Tgt Ion: 64 Resp: 306348
Ion Ratio Lower Upper
64 100
66 32.1 26.1 39.1

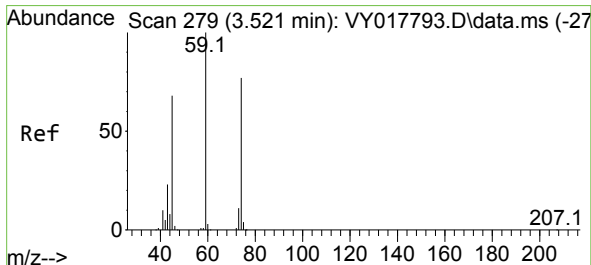
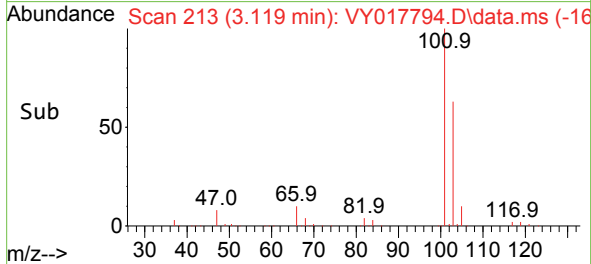
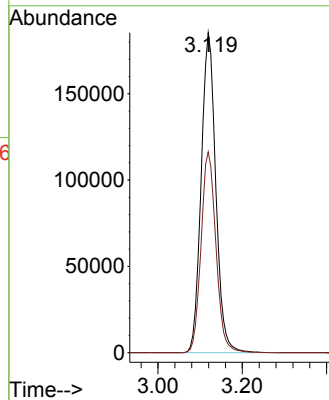
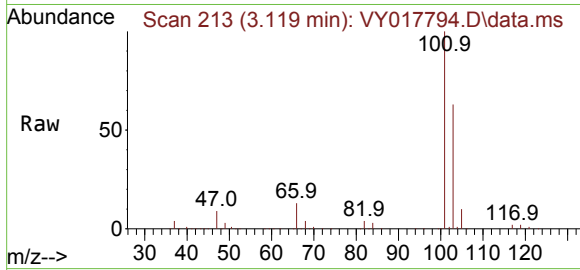




#7
 Trichlorofluoromethane
 Concen: 97.311 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY017794.D
 Acq: 29 Mar 2024 16:19

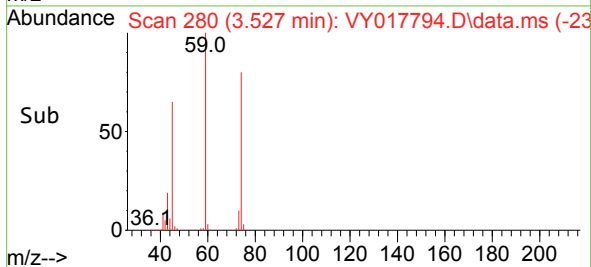
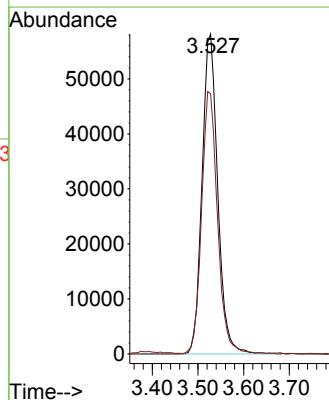
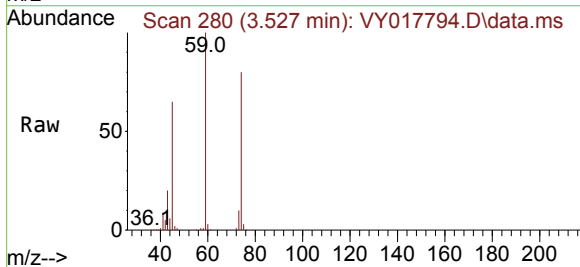
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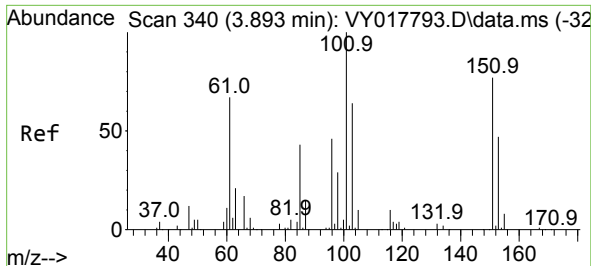
Tgt Ion:101 Resp: 447328
 Ion Ratio Lower Upper
 101 100
 103 62.7 49.3 73.9



#8
 Diethyl Ether
 Concen: 102.377 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.006 min
 Lab File: VY017794.D
 Acq: 29 Mar 2024 16:19

Tgt Ion: 74 Resp: 138241
 Ion Ratio Lower Upper
 74 100
 45 82.9 41.3 124.1

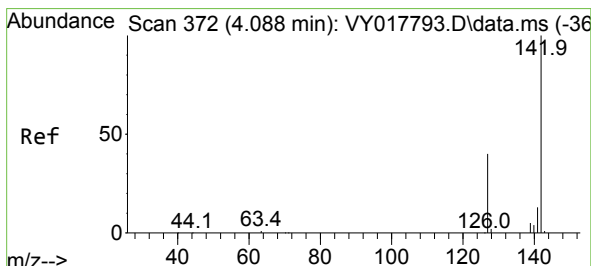
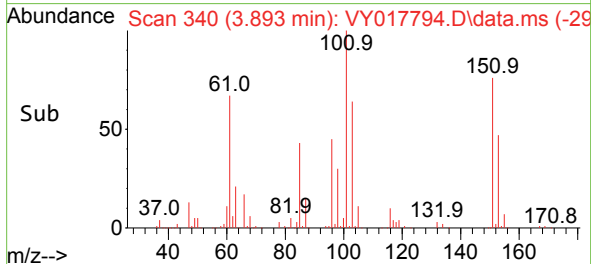
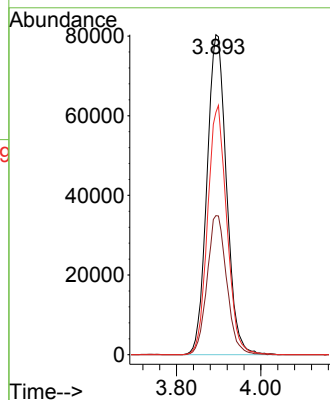
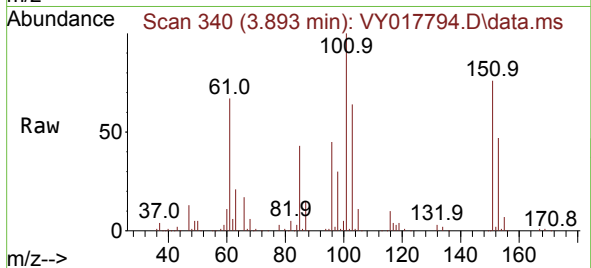




#9
1,1,2-Trichlorotrifluoroethane
Concen: 93.773 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY017794.D
Acq: 29 Mar 2024 16:19

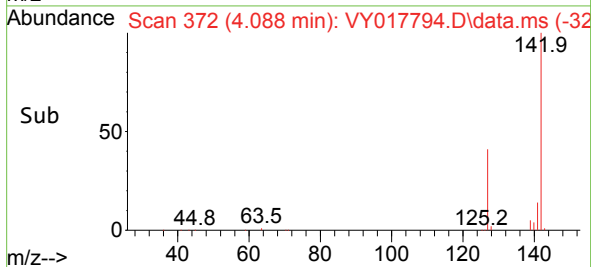
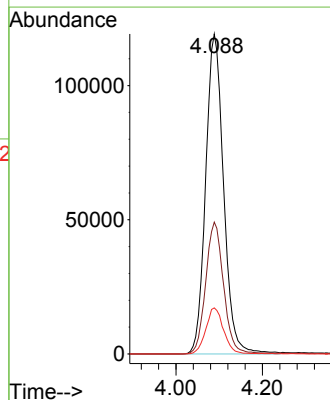
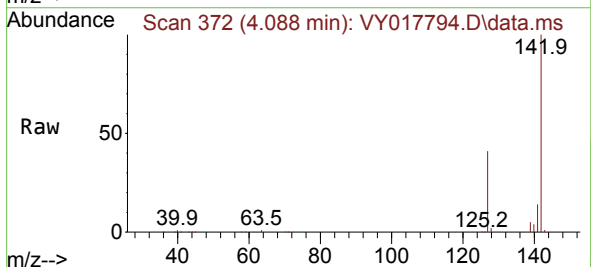
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

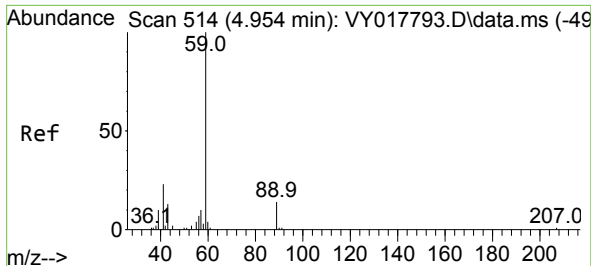
Tgt Ion:101 Resp: 258512
Ion Ratio Lower Upper
101 100
85 43.7 34.5 51.7
151 76.4 61.7 92.5



#10
Methyl Iodide
Concen: 114.391 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY017794.D
Acq: 29 Mar 2024 16:19

Tgt Ion:142 Resp: 342939
Ion Ratio Lower Upper
142 100
127 41.0 32.8 49.2
141 14.3 11.4 17.2

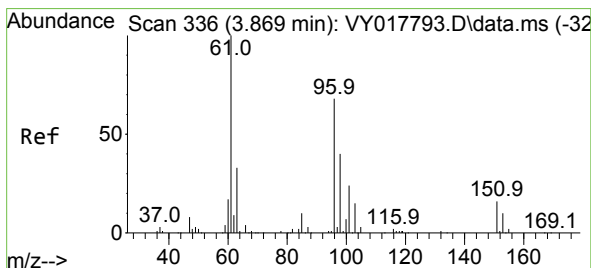
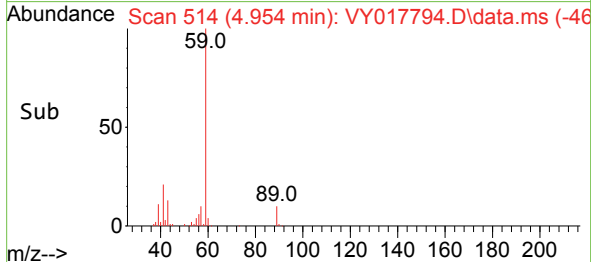
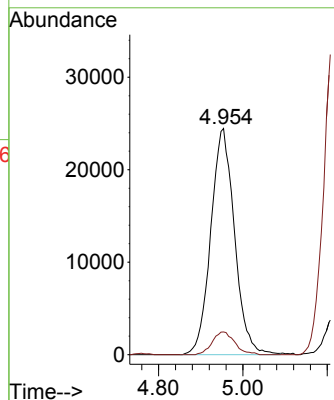
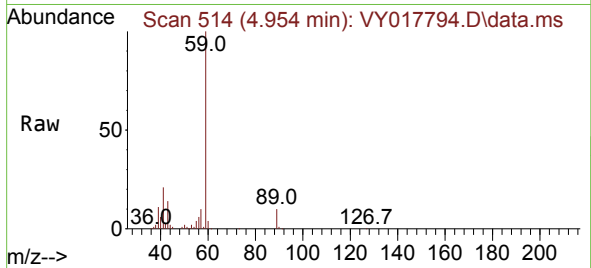




#11
Tert butyl alcohol
Concen: 508.752 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY017794.D
Acq: 29 Mar 2024 16:19

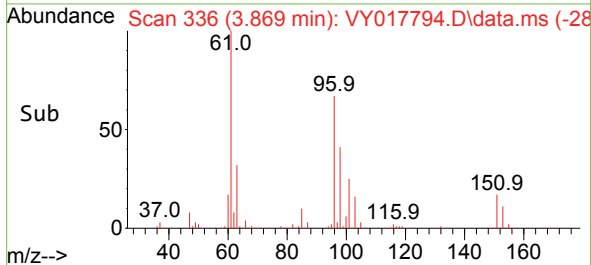
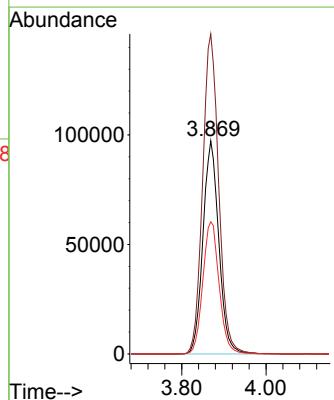
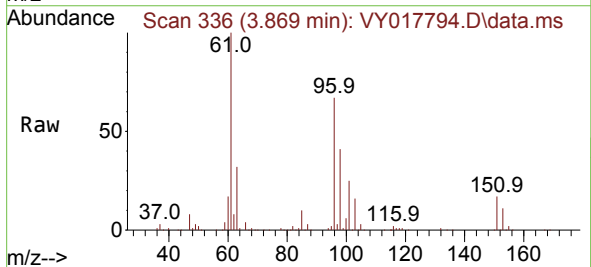
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

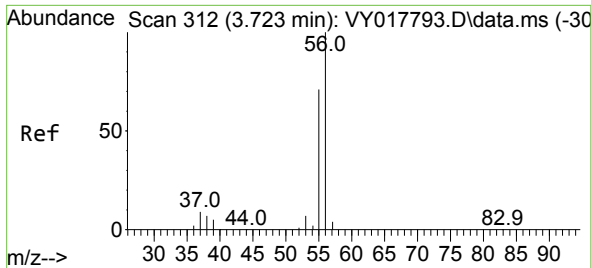
Tgt Ion: 59 Resp: 95566
Ion Ratio Lower Upper
59 100
57 9.6 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 98.860 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY017794.D
Acq: 29 Mar 2024 16:19

Tgt Ion: 96 Resp: 255028
Ion Ratio Lower Upper
96 100
61 150.1 114.6 171.8
98 62.0 50.8 76.2





#13

Acrolein

Concen: 491.643 ug/l

RT: 3.723 min Scan# 312

Delta R.T. 0.000 min

Lab File: VY017794.D

Acq: 29 Mar 2024 16:19

Instrument :

MSVOA_Y

ClientSampleId :

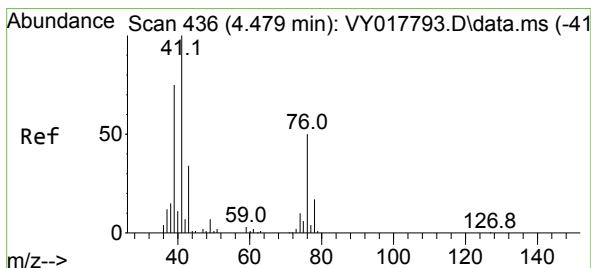
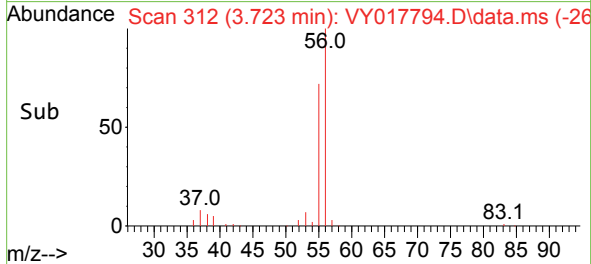
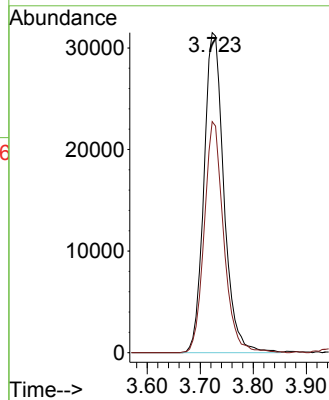
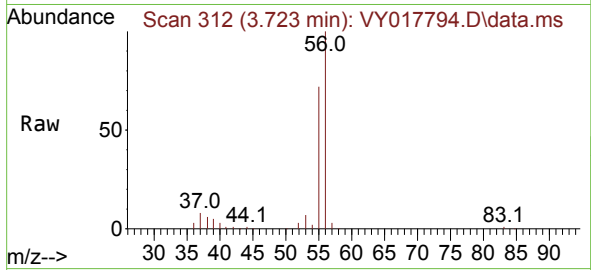
VSTDICC100

Tgt Ion: 56 Resp: 82365

Ion Ratio Lower Upper

56 100

55 70.6 55.7 83.5



#14

Allyl chloride

Concen: 103.285 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY017794.D

Acq: 29 Mar 2024 16:19

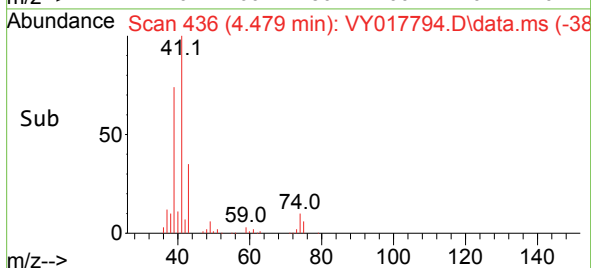
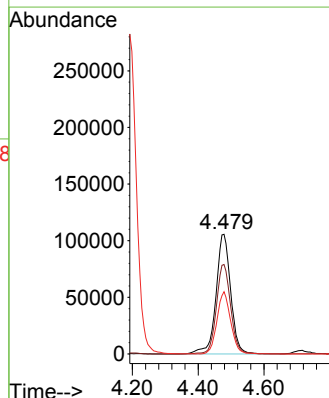
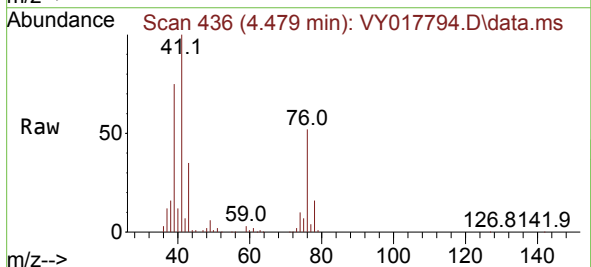
Tgt Ion: 41 Resp: 326879

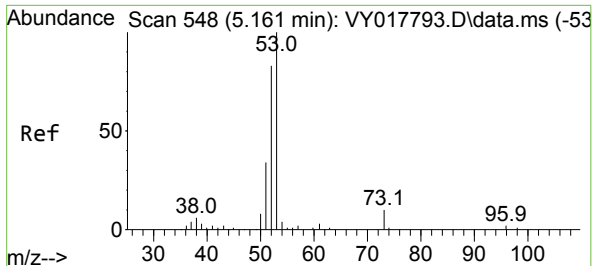
Ion Ratio Lower Upper

41 100

39 72.6 58.3 87.5

76 48.5 39.0 58.6

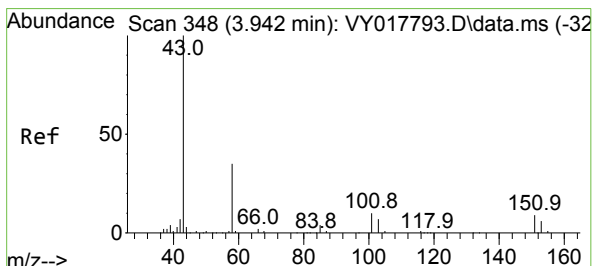
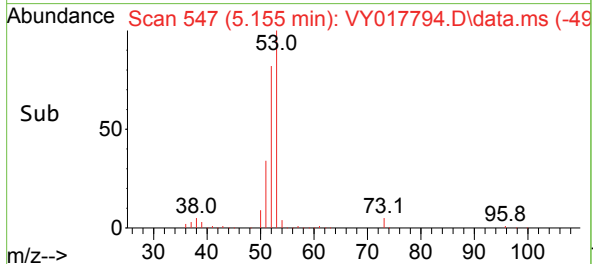
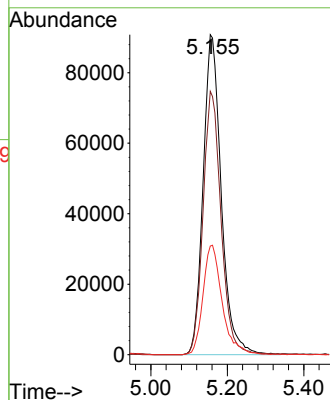
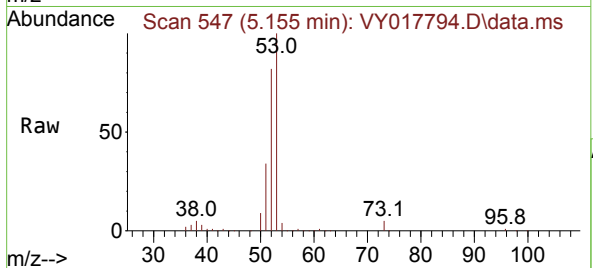




#15
Acrylonitrile
Concen: 524.141 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY017794.D
Acq: 29 Mar 2024 16:19

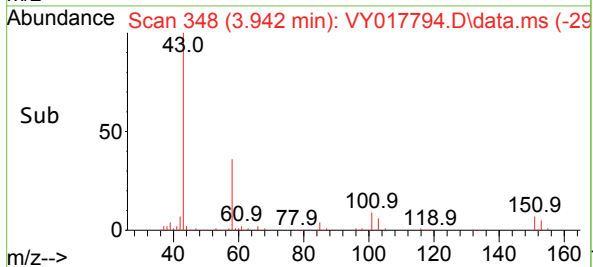
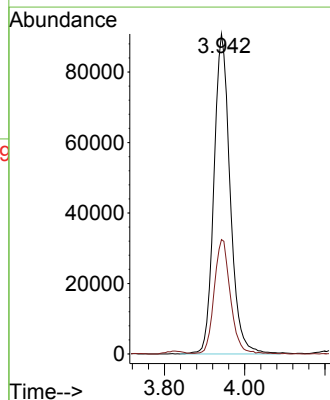
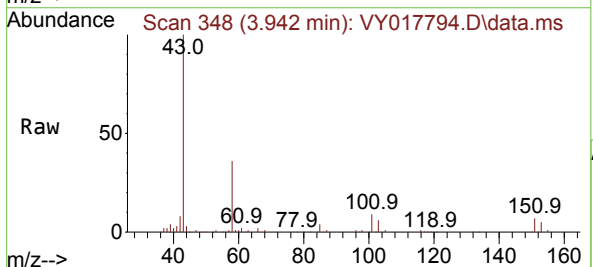
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

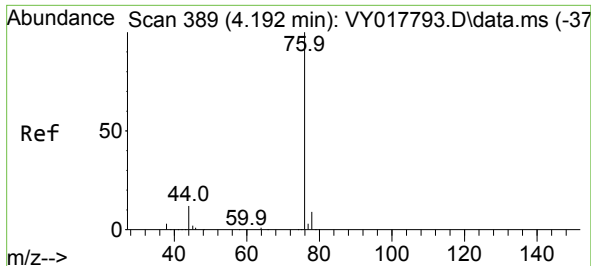
Tgt Ion: 53 Resp: 298753
Ion Ratio Lower Upper
53 100
52 81.9 64.7 97.1
51 36.2 28.4 42.6



#16
Acetone
Concen: 516.155 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY017794.D
Acq: 29 Mar 2024 16:19

Tgt Ion: 43 Resp: 255129
Ion Ratio Lower Upper
43 100
58 35.7 31.7 47.5

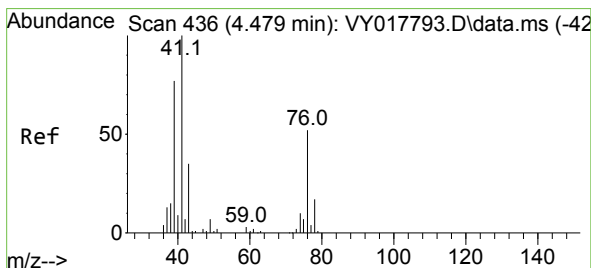
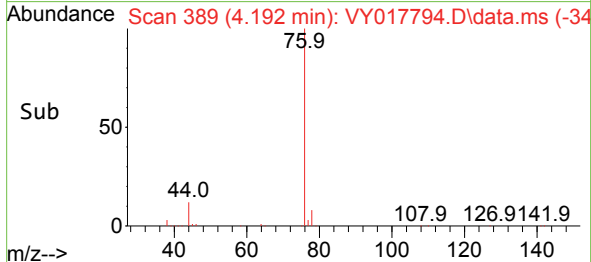
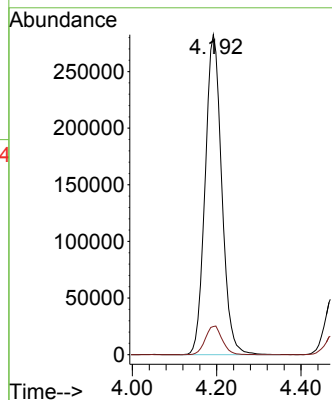
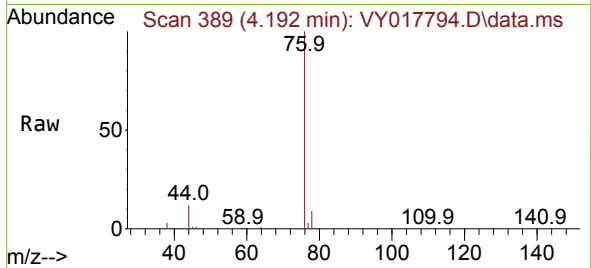




#17
Carbon Disulfide
Concen: 106.180 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY017794.D
Acq: 29 Mar 2024 16:19

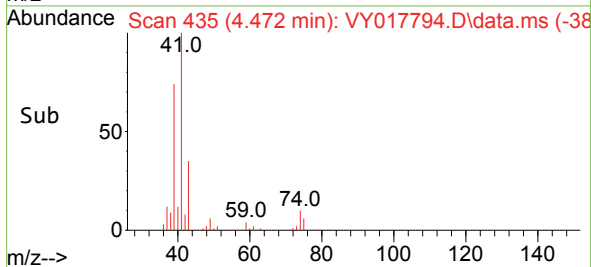
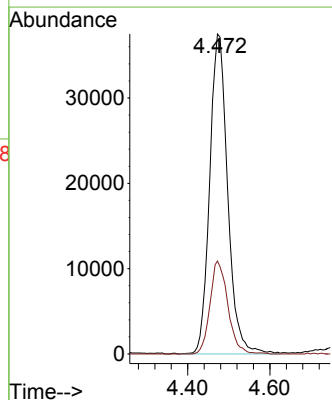
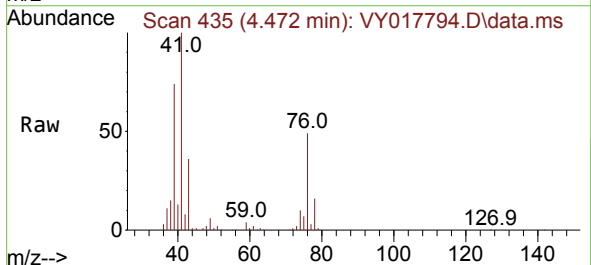
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

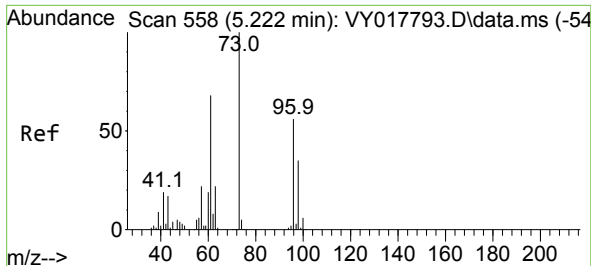
Tgt Ion: 76 Resp: 775157
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2



#18
Methyl Acetate
Concen: 104.197 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY017794.D
Acq: 29 Mar 2024 16:19

Tgt Ion: 43 Resp: 114078
Ion Ratio Lower Upper
43 100
74 28.7 23.3 34.9

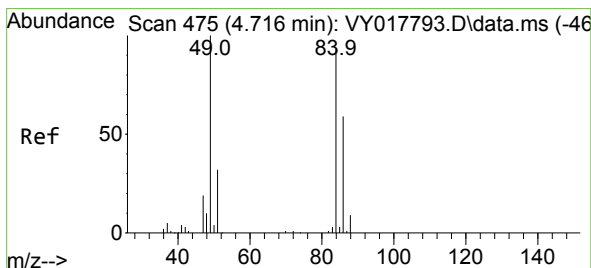
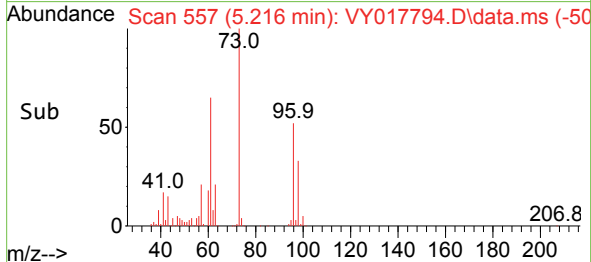
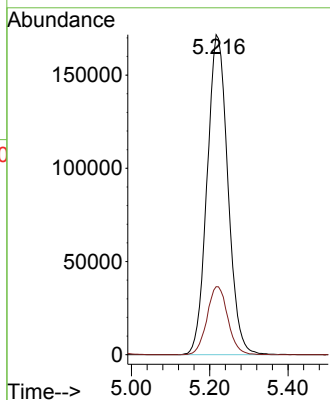
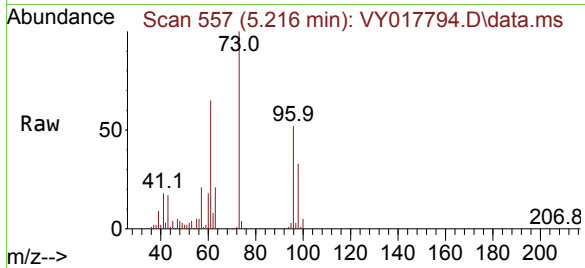




#19
Methyl tert-butyl Ether
Concen: 106.915 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY017794.D
Acq: 29 Mar 2024 16:19

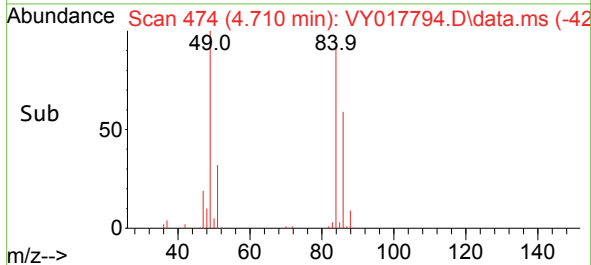
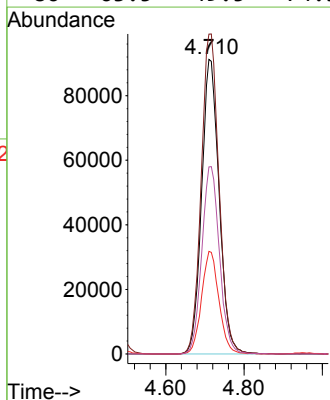
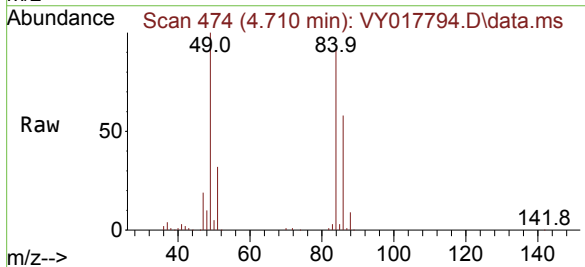
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

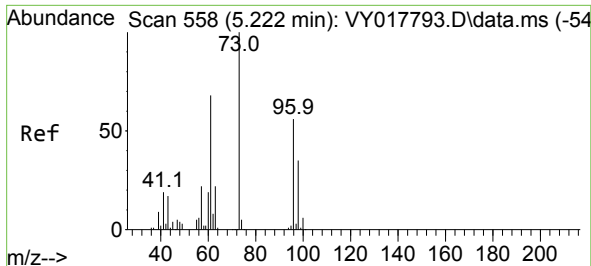
Tgt Ion: 73 Resp: 631507
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9



#20
Methylene Chloride
Concen: 95.762 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY017794.D
Acq: 29 Mar 2024 16:19

Tgt Ion: 84 Resp: 282697
Ion Ratio Lower Upper
84 100
49 108.5 84.4 126.6
51 34.8 26.0 39.0
86 63.5 49.5 74.3

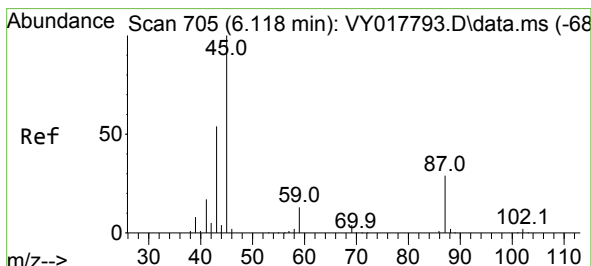
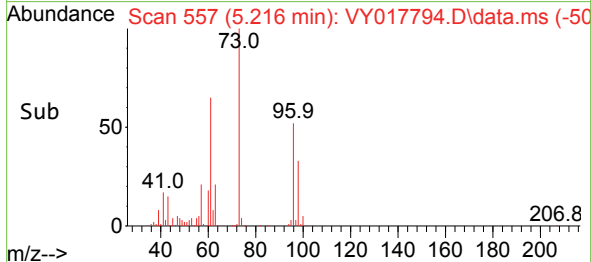
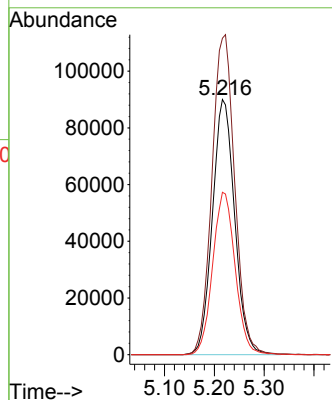
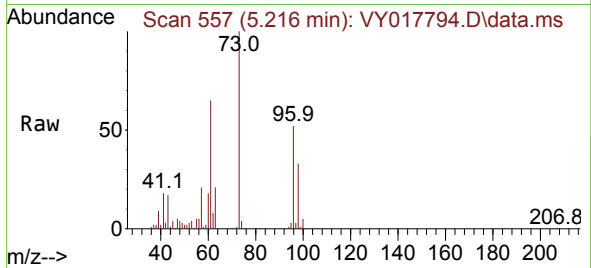




#21
trans-1,2-Dichloroethene
Concen: 101.105 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY017794.D
Acq: 29 Mar 2024 16:19

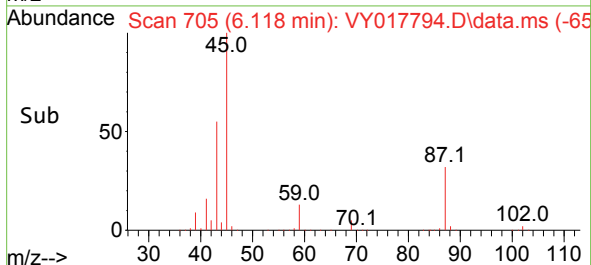
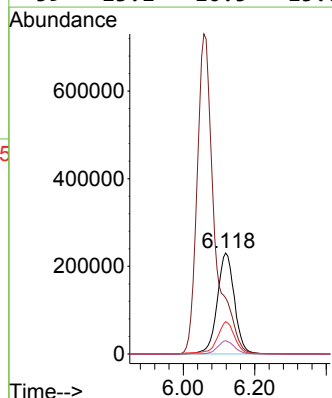
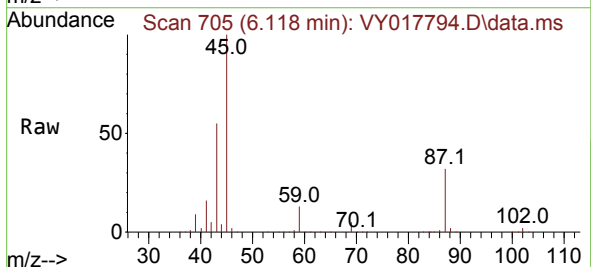
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

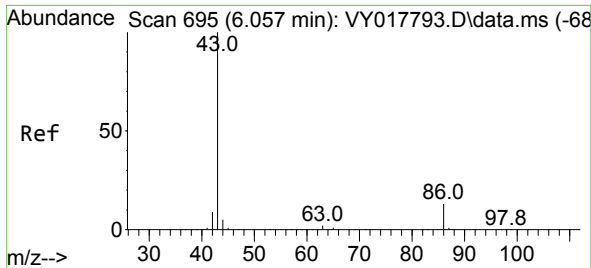
Tgt Ion: 96 Resp: 279103
Ion Ratio Lower Upper
96 100
61 124.0 97.5 146.3
98 63.6 50.5 75.7



#22
Diisopropyl ether
Concen: 105.045 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY017794.D
Acq: 29 Mar 2024 16:19

Tgt Ion: 45 Resp: 768399
Ion Ratio Lower Upper
45 100
43 55.2 42.2 63.2
87 31.9 25.0 37.6
59 13.1 10.5 15.7





#23

Vinyl Acetate

Concen: 547.958 ug/l

RT: 6.058 min Scan# 695

Delta R.T. 0.000 min

Lab File: VY017794.D

Acq: 29 Mar 2024 16:19

Instrument :

MSVOA_Y

ClientSampleId :

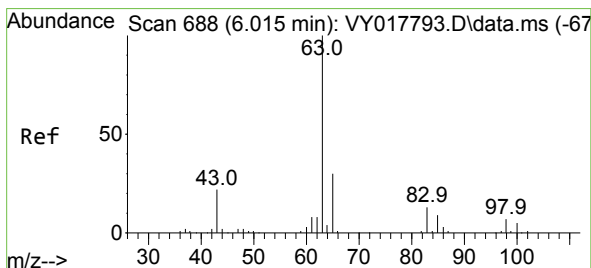
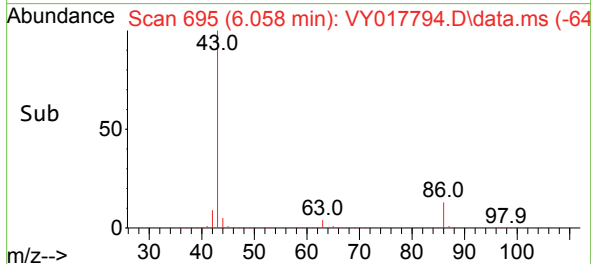
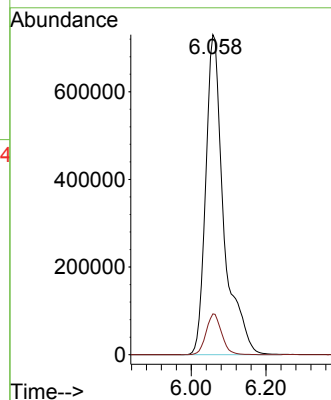
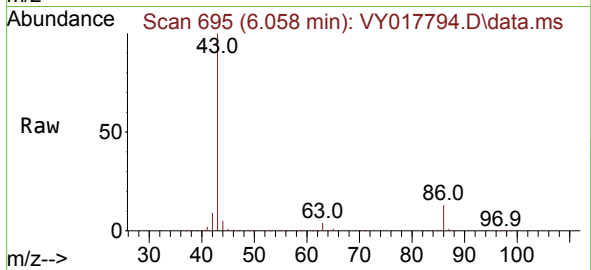
VSTDIC100

Tgt Ion: 43 Resp: 2447276

Ion Ratio Lower Upper

43 100

86 12.7 10.6 16.0



#24

1,1-Dichloroethane

Concen: 100.719 ug/l

RT: 6.015 min Scan# 688

Delta R.T. 0.000 min

Lab File: VY017794.D

Acq: 29 Mar 2024 16:19

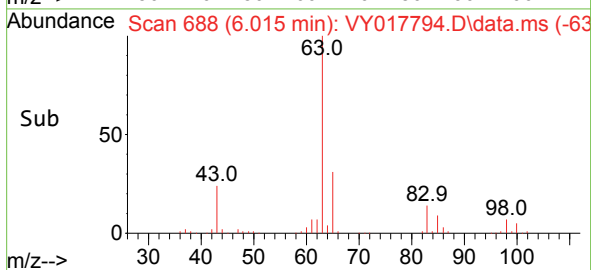
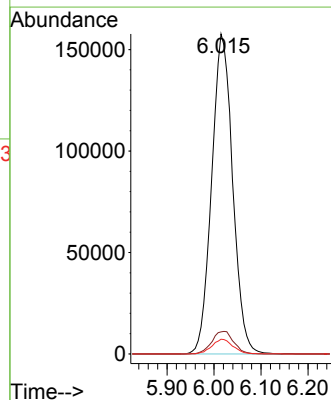
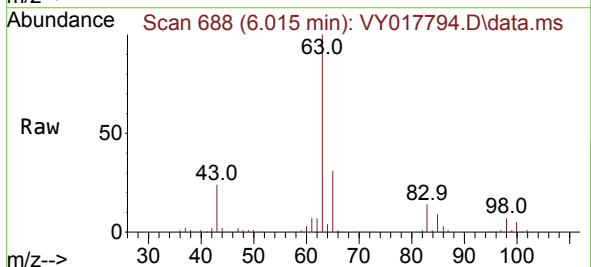
Tgt Ion: 63 Resp: 489000

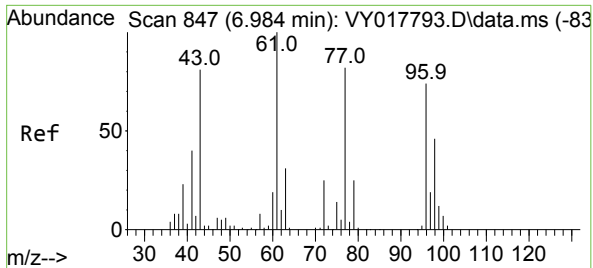
Ion Ratio Lower Upper

63 100

98 6.9 4.0 12.2

100 4.6 2.6 8.0

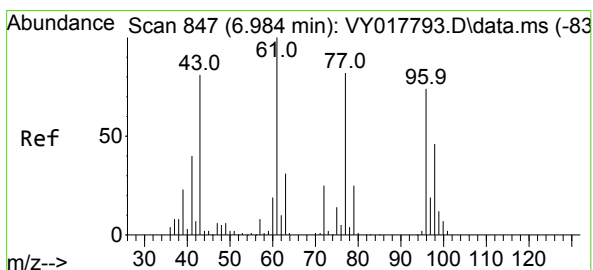
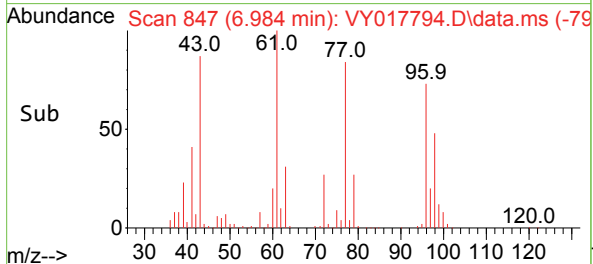
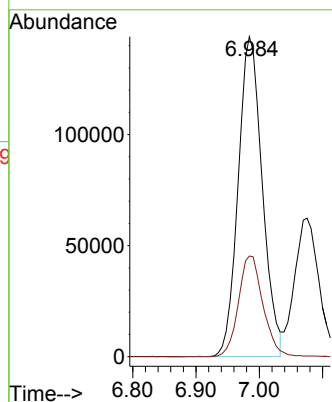
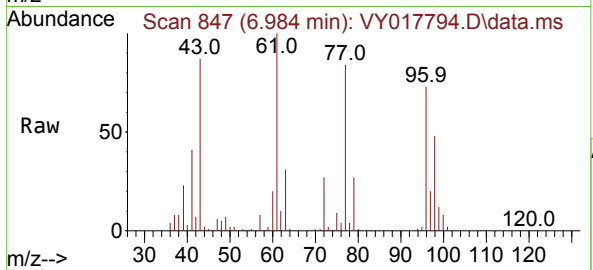




#25
2-Butanone
Concen: 542.391 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY017794.D
Acq: 29 Mar 2024 16:19

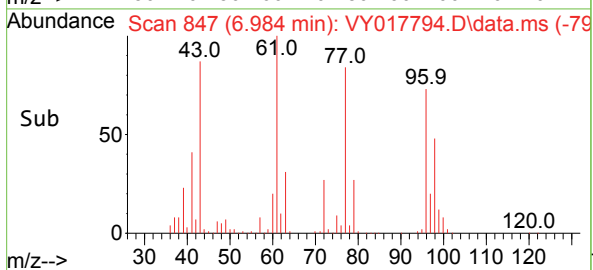
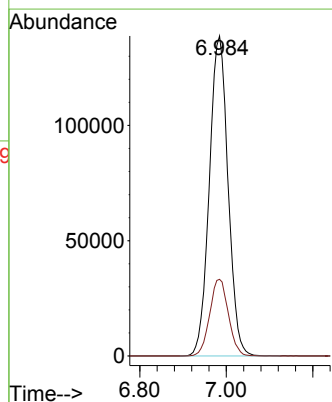
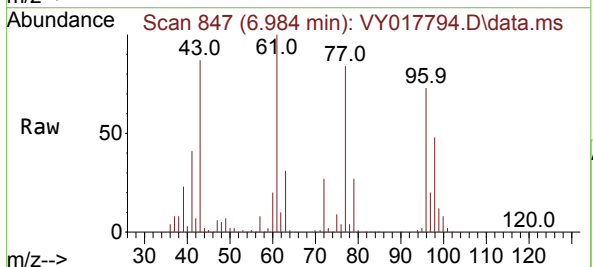
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

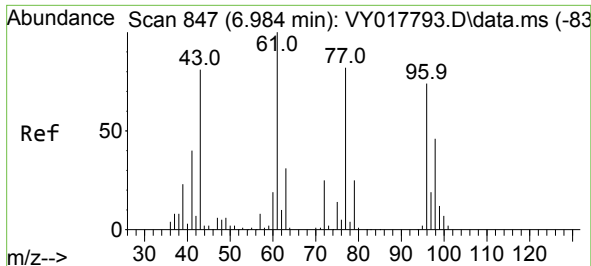
Tgt Ion: 43 Resp: 381923
Ion Ratio Lower Upper
43 100
72 31.5 27.3 40.9



#26
2,2-Dichloropropane
Concen: 99.156 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY017794.D
Acq: 29 Mar 2024 16:19

Tgt Ion: 77 Resp: 415799
Ion Ratio Lower Upper
77 100
97 23.9 12.0 36.1

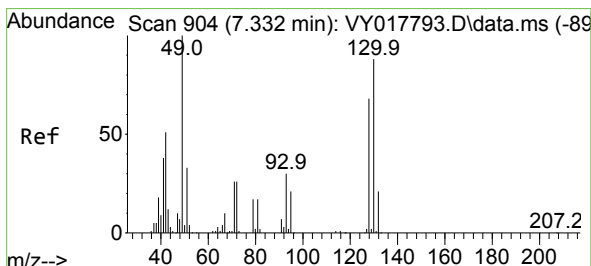
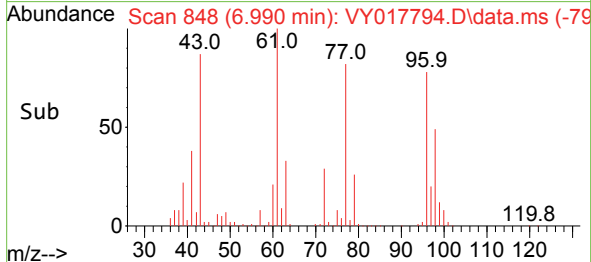
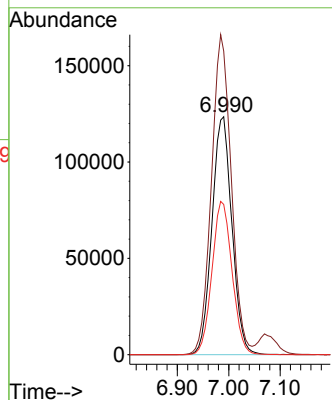
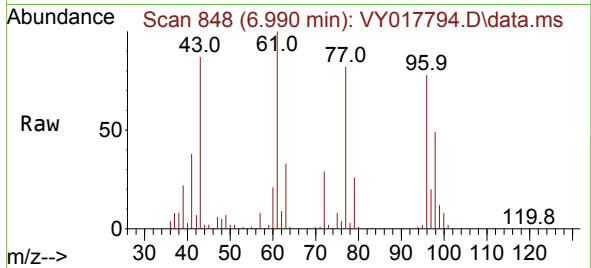




#27
 cis-1,2-Dichloroethene
 Concen: 102.385 ug/l
 RT: 6.990 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY017794.D
 Acq: 29 Mar 2024 16:19

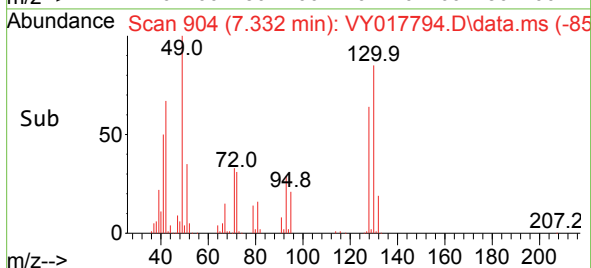
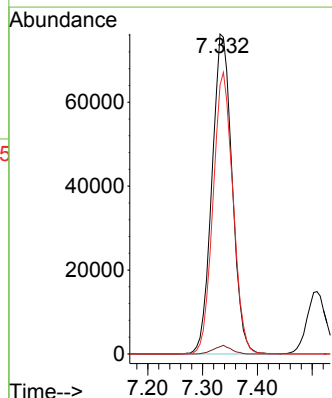
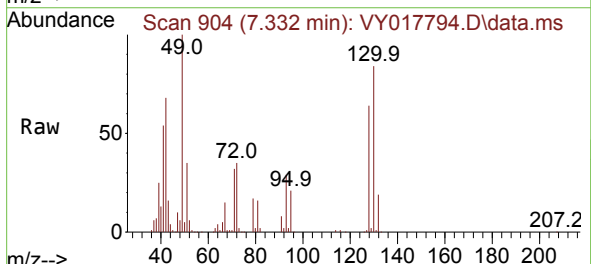
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

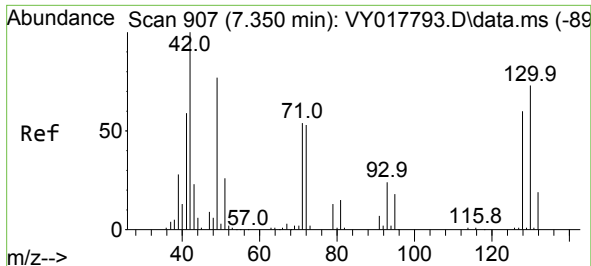
Tgt Ion: 96 Resp: 334029
 Ion Ratio Lower Upper
 96 100
 61 133.7 0.0 256.2
 98 64.7 0.0 130.0



#28
 Bromochloromethane
 Concen: 98.556 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.000 min
 Lab File: VY017794.D
 Acq: 29 Mar 2024 16:19

Tgt Ion: 49 Resp: 194587
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 87.0 72.7 109.1





#29

Tetrahydrofuran

Concen: 554.323 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY017794.D

Acq: 29 Mar 2024 16:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

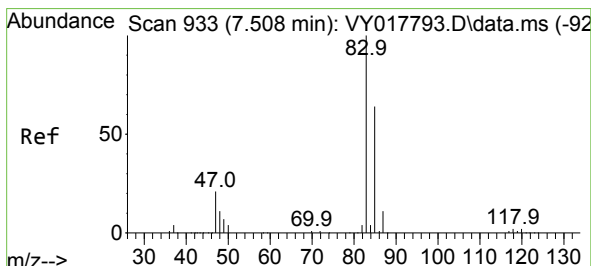
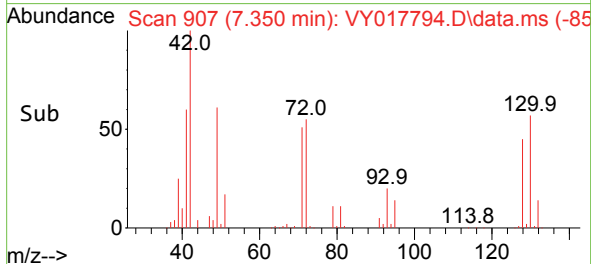
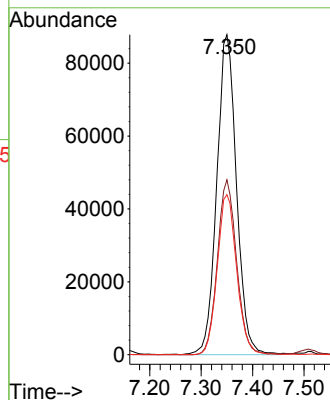
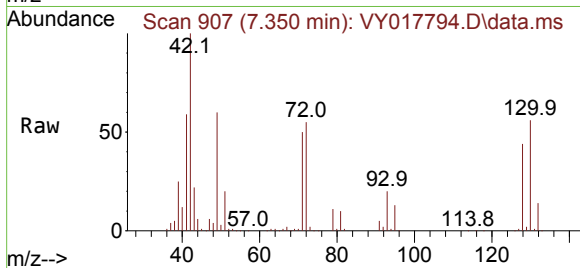
Tgt Ion: 42 Resp: 234207

Ion Ratio Lower Upper

42 100

72 53.3 43.0 64.4

71 49.4 40.8 61.2



#30

Chloroform

Concen: 98.613 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY017794.D

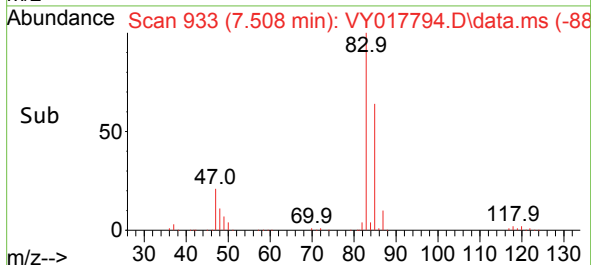
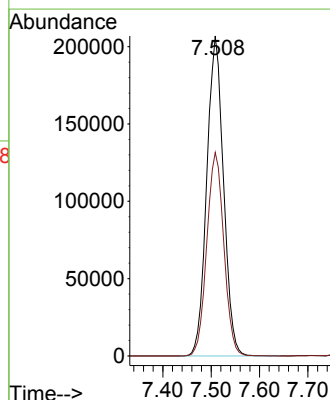
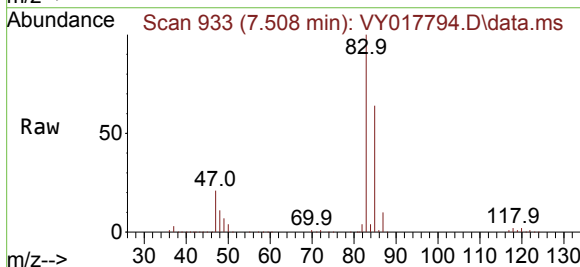
Acq: 29 Mar 2024 16:19

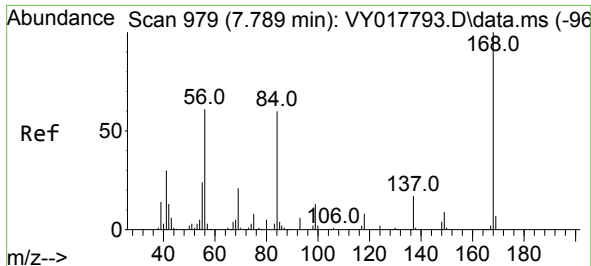
Tgt Ion: 83 Resp: 496756

Ion Ratio Lower Upper

83 100

85 63.6 52.2 78.4

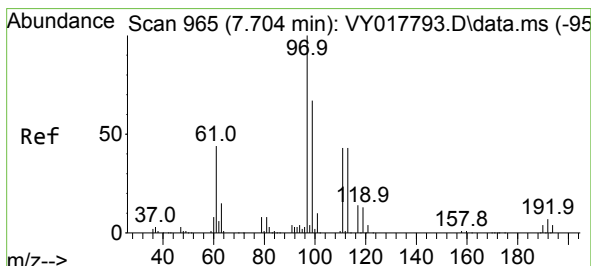
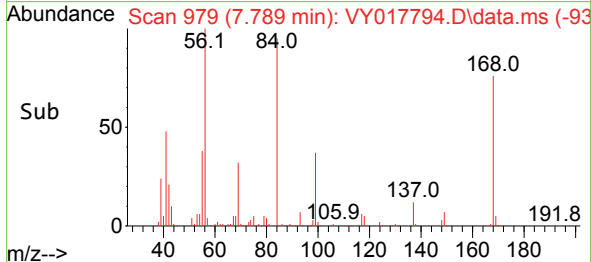
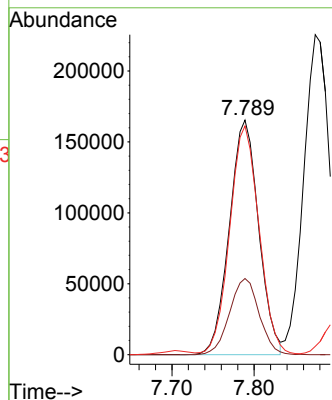
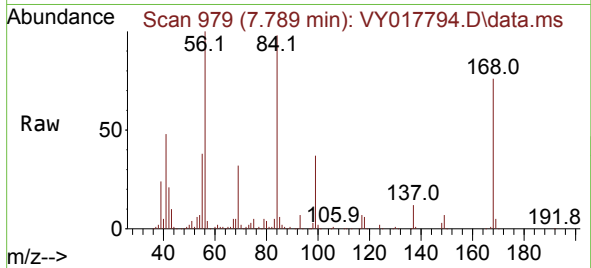




#31
Cyclohexane
Concen: 97.361 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017794.D
Acq: 29 Mar 2024 16:19

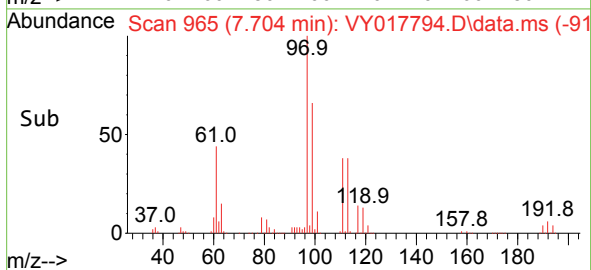
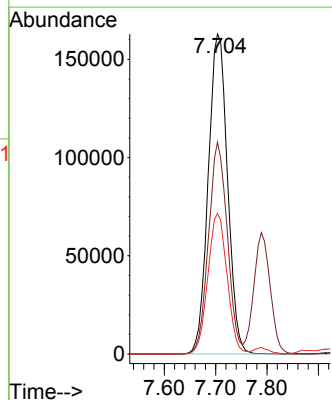
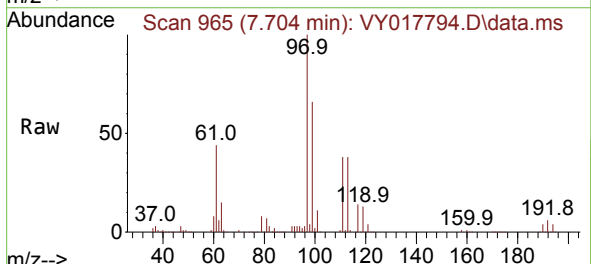
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

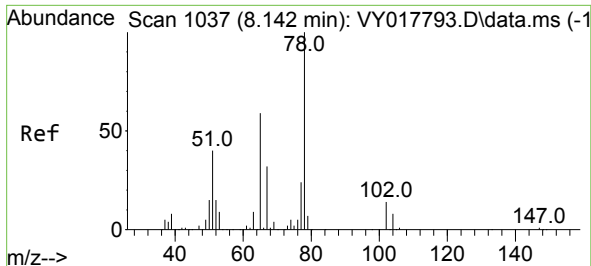
Tgt Ion: 56 Resp: 410135
Ion Ratio Lower Upper
56 100
69 32.4 28.7 43.1
84 96.0 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 98.928 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY017794.D
Acq: 29 Mar 2024 16:19

Tgt Ion: 97 Resp: 424151
Ion Ratio Lower Upper
97 100
99 64.6 50.3 75.5
61 43.8 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 99.988 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY017794.D

Acq: 29 Mar 2024 16:19

Instrument :

MSVOA_Y

ClientSampleId :

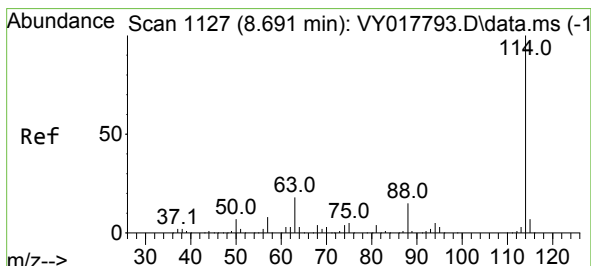
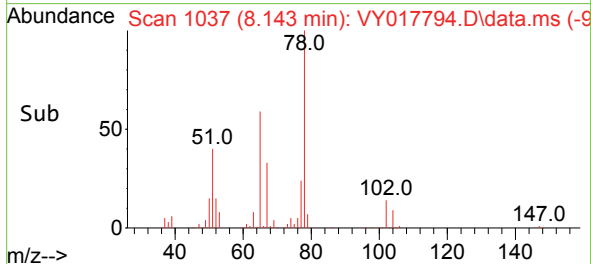
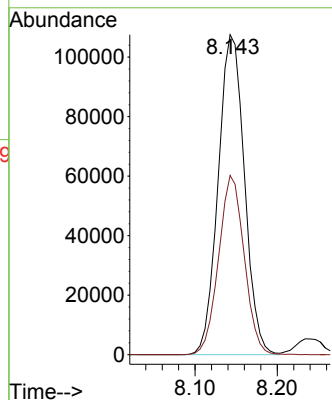
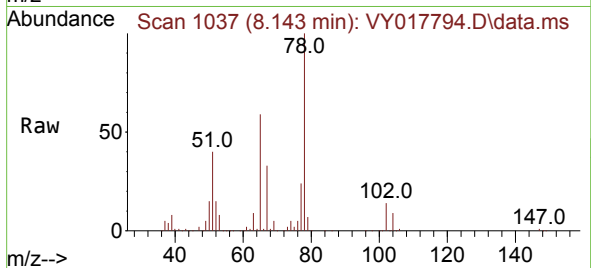
VSTDIC100

Tgt Ion: 65 Resp: 239096

Ion Ratio Lower Upper

65 100

67 54.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017794.D

Acq: 29 Mar 2024 16:19

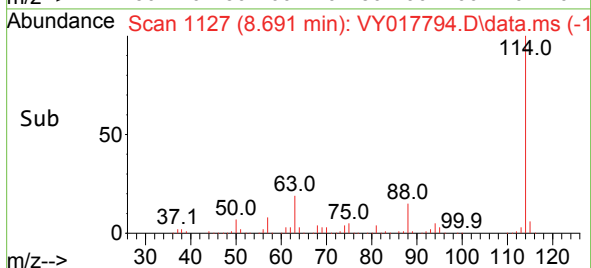
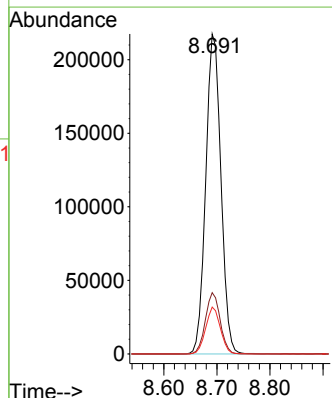
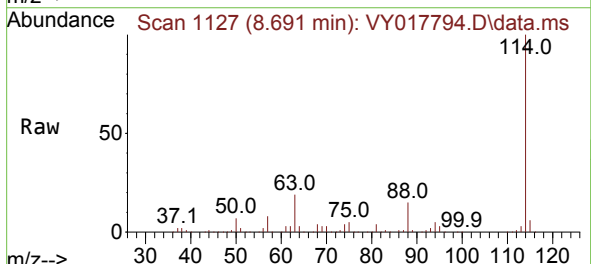
Tgt Ion: 114 Resp: 431992

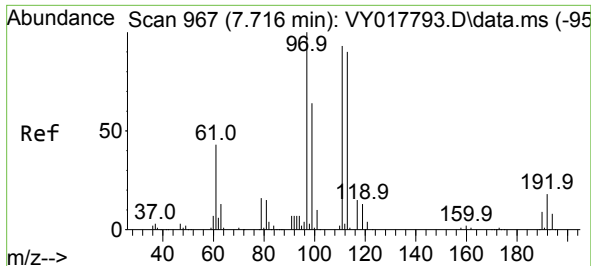
Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.0

88 14.7 0.0 27.2

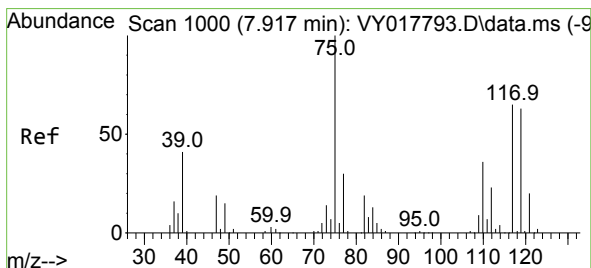
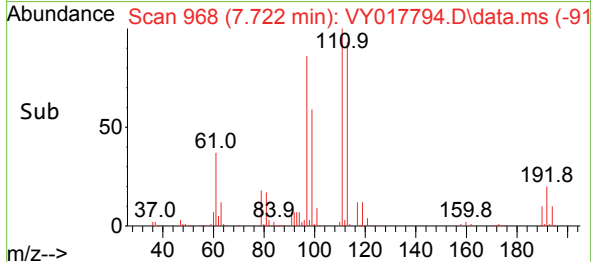
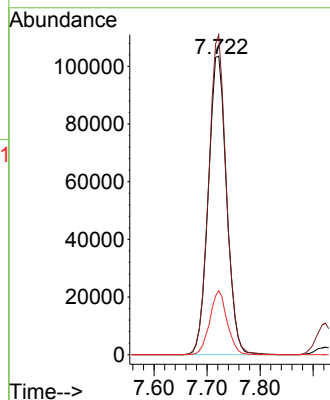
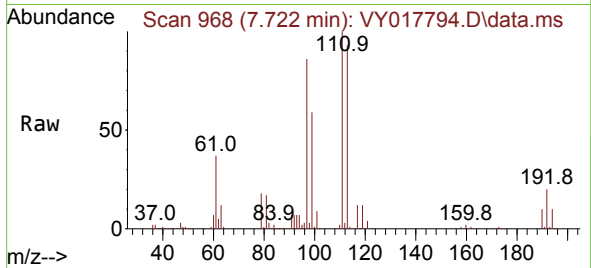




#35
Dibromofluoromethane
Concen: 99.363 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017794.D
Acq: 29 Mar 2024 16:19

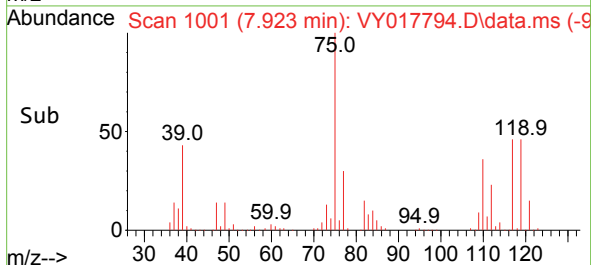
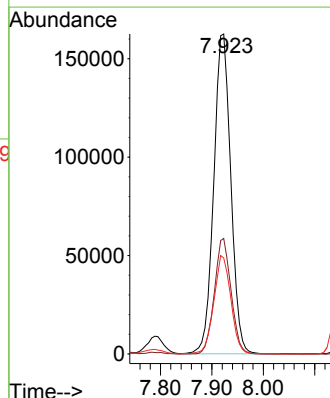
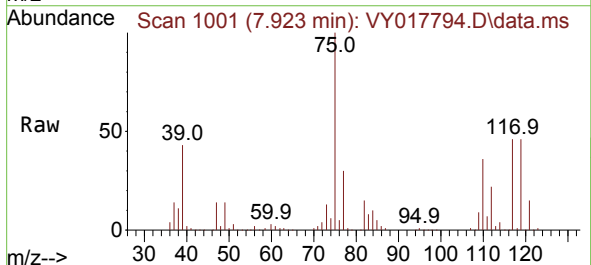
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

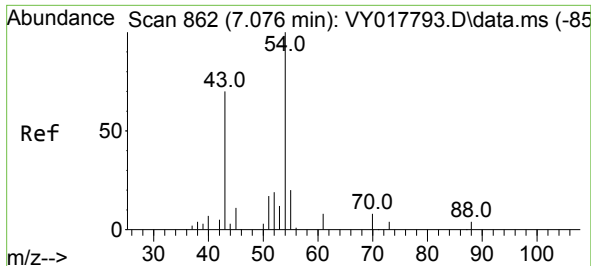
Tgt Ion:113 Resp: 248034
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.4
192 20.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 102.851 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY017794.D
Acq: 29 Mar 2024 16:19

Tgt Ion: 75 Resp: 374604
Ion Ratio Lower Upper
75 100
110 35.3 19.0 57.0
77 30.7 25.3 37.9





#37

Ethyl Acetate

Concen: 109.057 ug/l

RT: 7.076 min Scan# 862

Delta R.T. 0.000 min

Lab File: VY017794.D

Acq: 29 Mar 2024 16:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

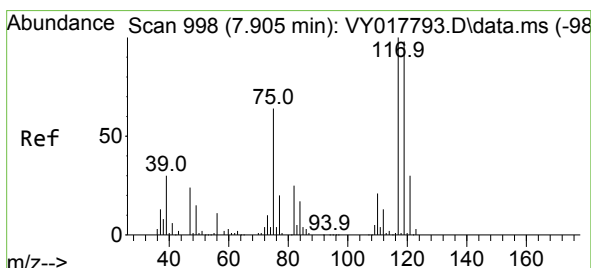
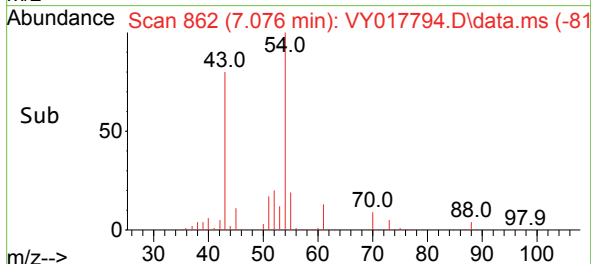
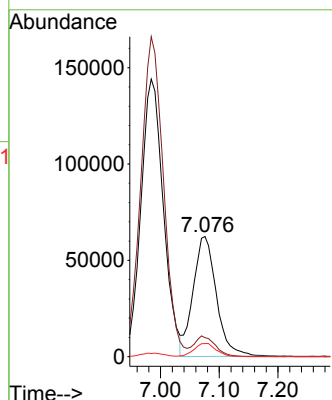
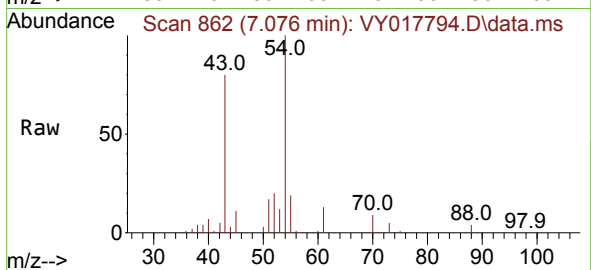
Tgt Ion: 43 Resp: 171413

Ion Ratio Lower Upper

43 100

61 15.9 12.6 19.0

70 10.6 7.8 11.8



#38

Carbon Tetrachloride

Concen: 100.308 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.000 min

Lab File: VY017794.D

Acq: 29 Mar 2024 16:19

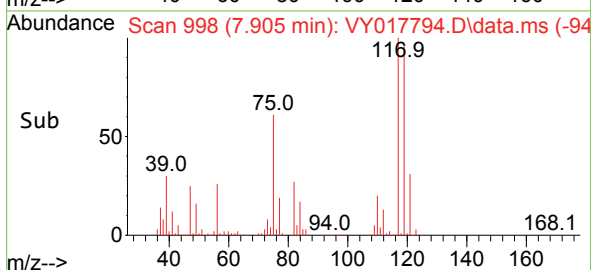
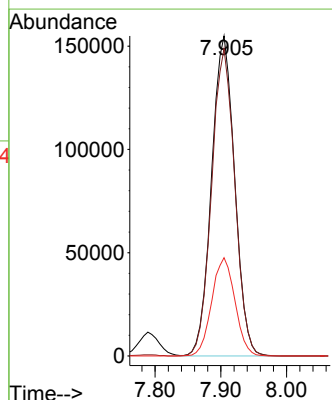
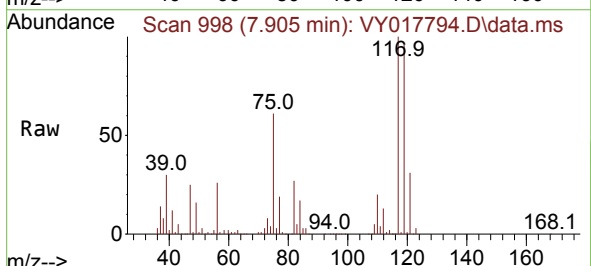
Tgt Ion: 117 Resp: 379272

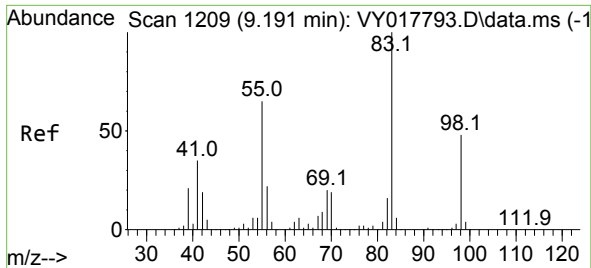
Ion Ratio Lower Upper

117 100

119 96.0 75.8 113.6

121 30.7 24.0 36.0

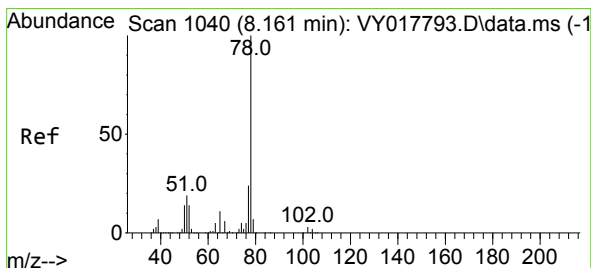
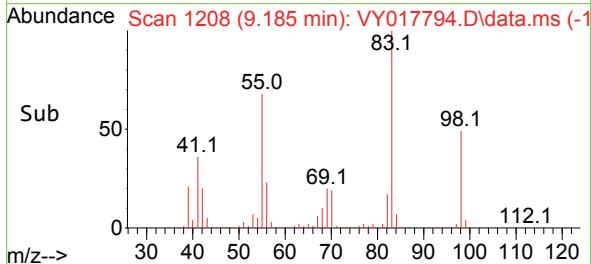
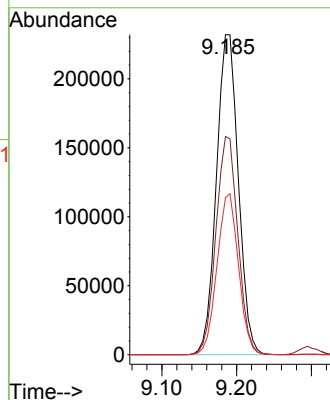
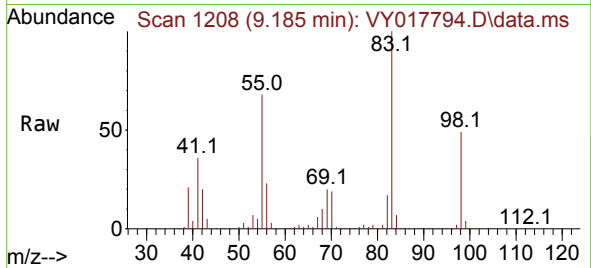




#39
Methylcyclohexane
Concen: 104.216 ug/l
RT: 9.185 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017794.D
Acq: 29 Mar 2024 16:19

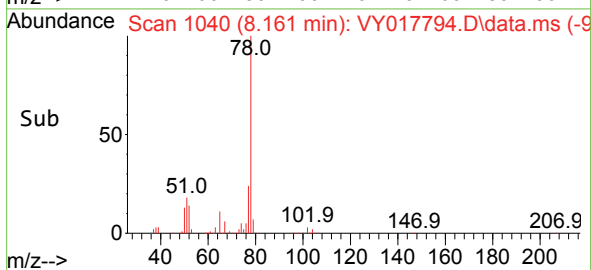
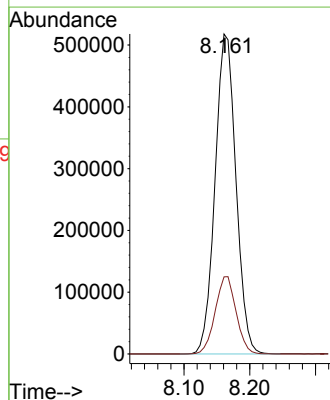
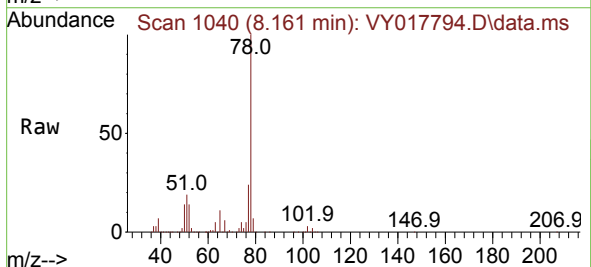
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

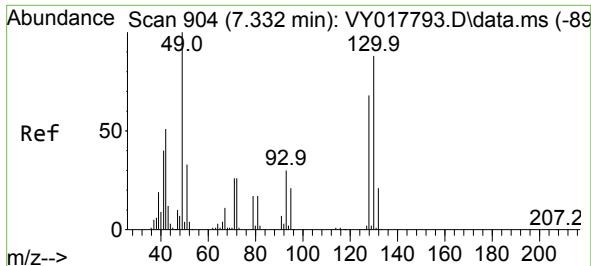
Tgt Ion: 83 Resp: 474133
Ion Ratio Lower Upper
83 100
55 68.2 51.5 77.3
98 49.1 40.5 60.7



#40
Benzene
Concen: 101.952 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY017794.D
Acq: 29 Mar 2024 16:19

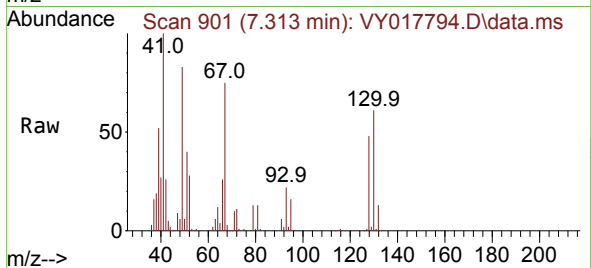
Tgt Ion: 78 Resp: 1144362
Ion Ratio Lower Upper
78 100
77 24.1 19.5 29.3



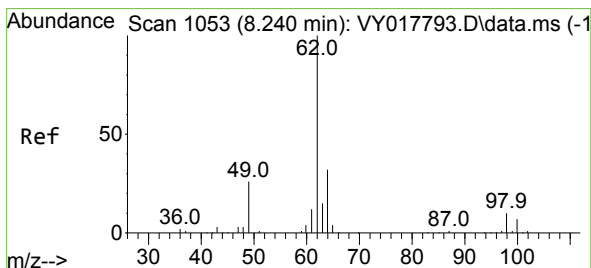
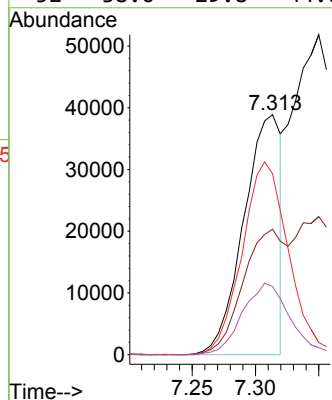
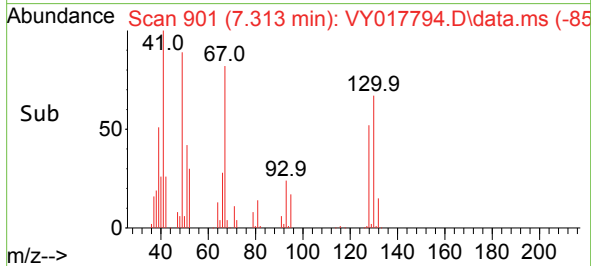


#41
Methacrylonitrile
Concen: 79.699 ug/l
RT: 7.313 min Scan# 901
Delta R.T. -0.019 min
Lab File: VY017794.D
Acq: 29 Mar 2024 16:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

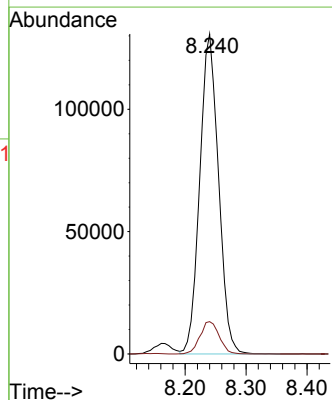
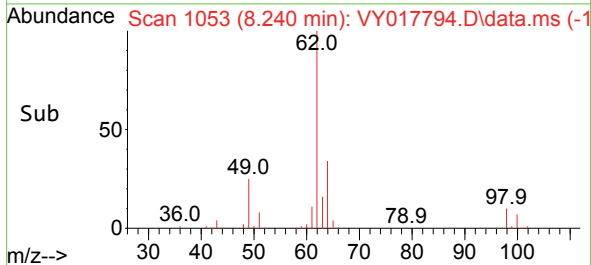
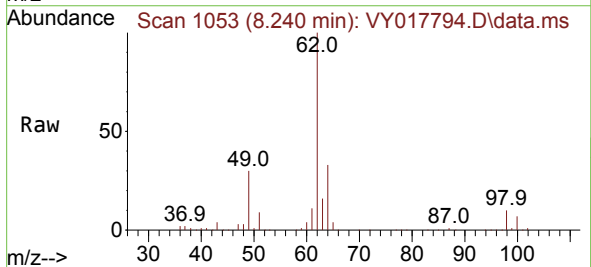


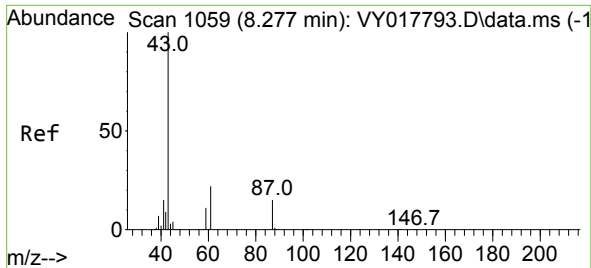
Tgt Ion: 41 Resp: 79992
Ion Ratio Lower Upper
41 100
39 61.3 48.0 72.0
67 99.9 75.1 112.7
52 38.0 29.8 44.6



#42
1,2-Dichloroethane
Concen: 101.261 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY017794.D
Acq: 29 Mar 2024 16:19

Tgt Ion: 62 Resp: 279757
Ion Ratio Lower Upper
62 100
98 10.4 0.0 22.0

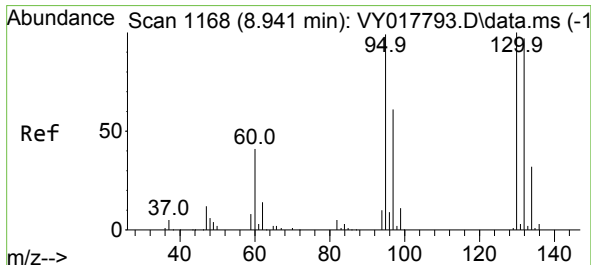
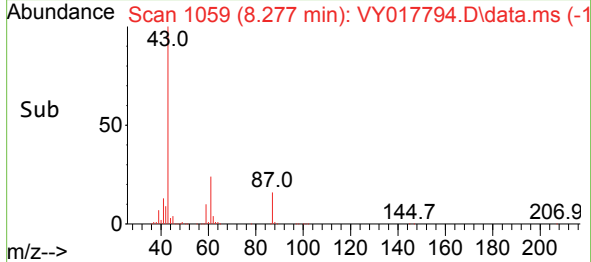
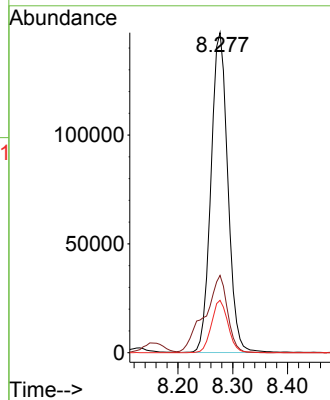
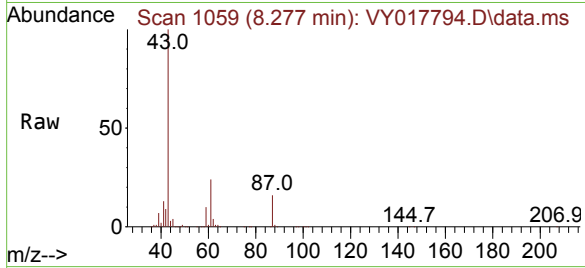




#43
Isopropyl Acetate
Concen: 109.647 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY017794.D
Acq: 29 Mar 2024 16:19

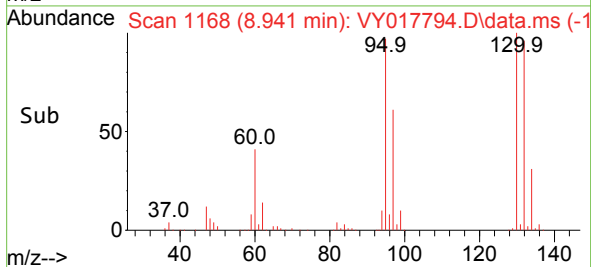
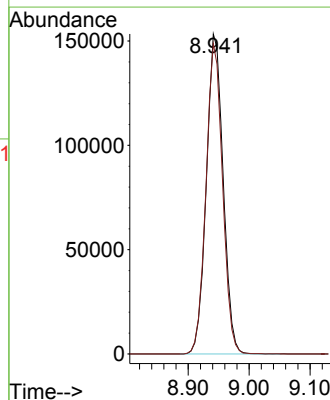
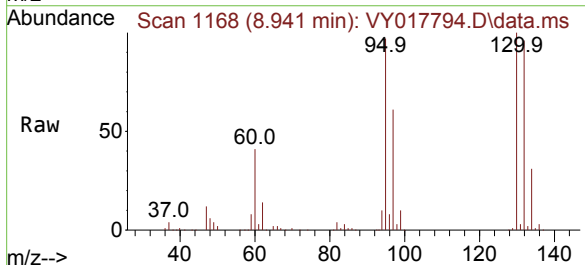
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

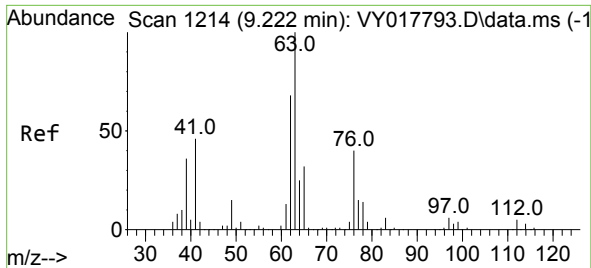
Tgt Ion: 43 Resp: 312760
Ion Ratio Lower Upper
43 100
61 32.7 27.9 41.9
87 16.1 13.1 19.7



#44
Trichloroethene
Concen: 100.450 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY017794.D
Acq: 29 Mar 2024 16:19

Tgt Ion:130 Resp: 293347
Ion Ratio Lower Upper
130 100
95 97.0 0.0 188.0

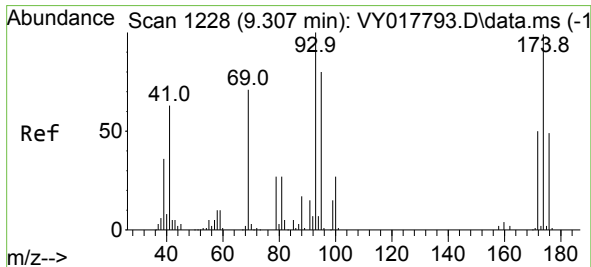
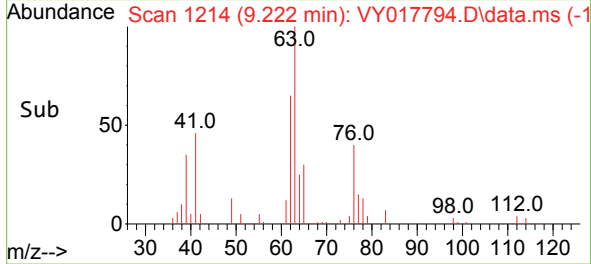
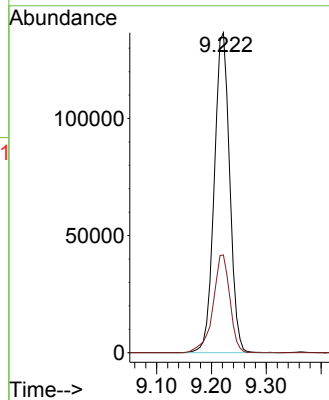
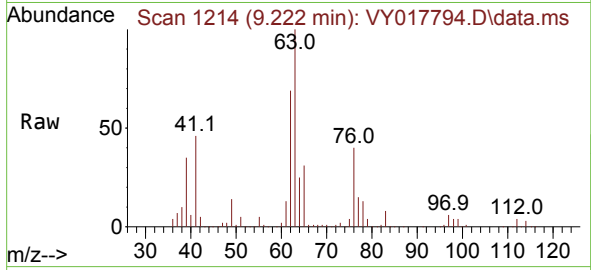




#45
1,2-Dichloropropane
Concen: 102.124 ug/l
RT: 9.222 min Scan# 1214
Delta R.T. 0.000 min
Lab File: VY017794.D
Acq: 29 Mar 2024 16:19

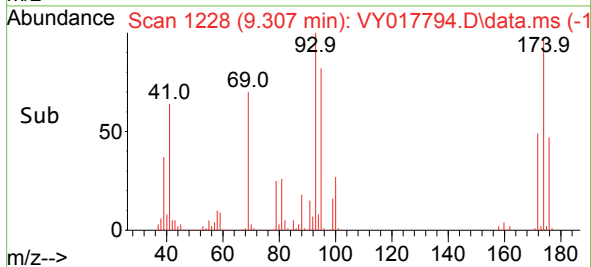
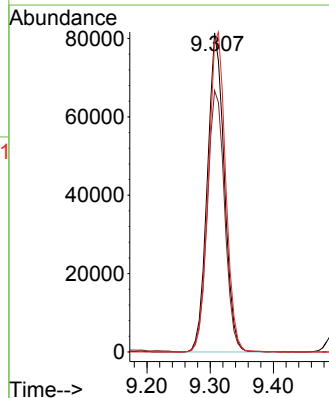
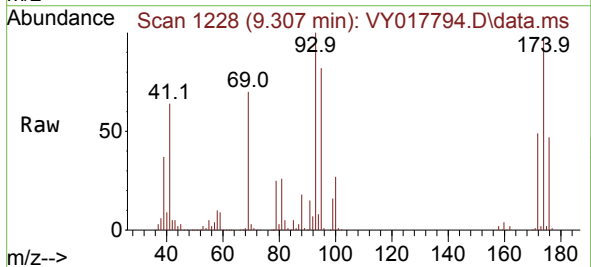
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

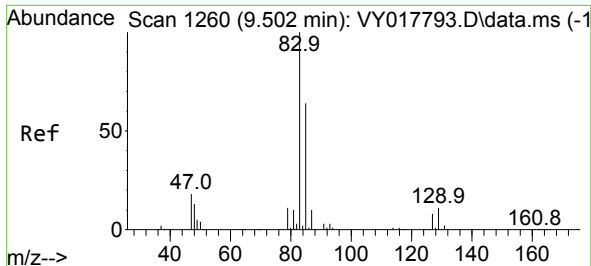
Tgt Ion: 63 Resp: 266364
Ion Ratio Lower Upper
63 100
65 30.6 25.4 38.2



#46
Dibromomethane
Concen: 102.530 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY017794.D
Acq: 29 Mar 2024 16:19

Tgt Ion: 93 Resp: 151932
Ion Ratio Lower Upper
93 100
95 83.6 66.2 99.4
174 101.9 80.9 121.3

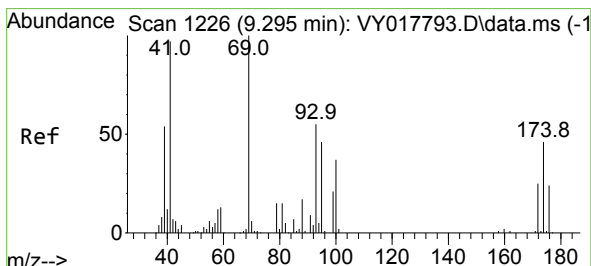
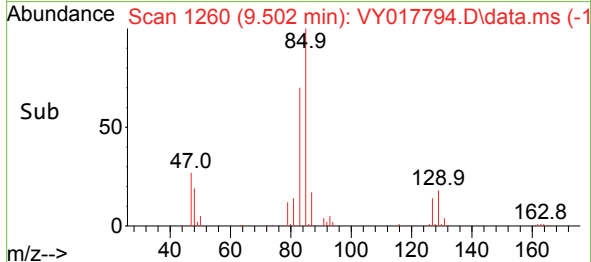
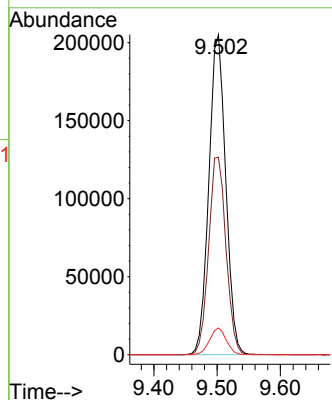
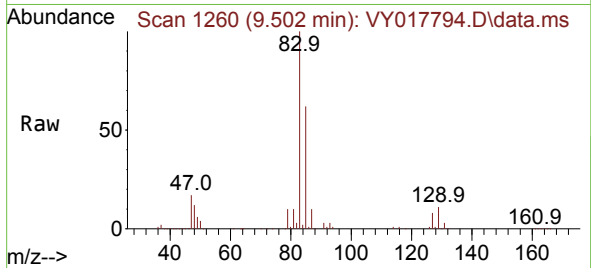




#47
Bromodichloromethane
Concen: 101.486 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY017794.D
Acq: 29 Mar 2024 16:19

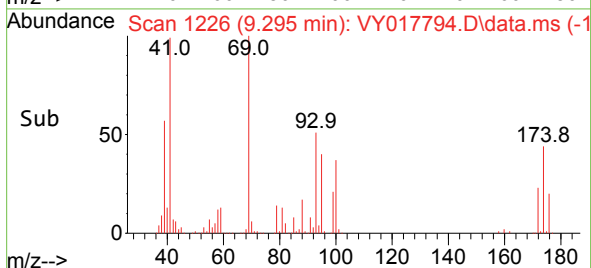
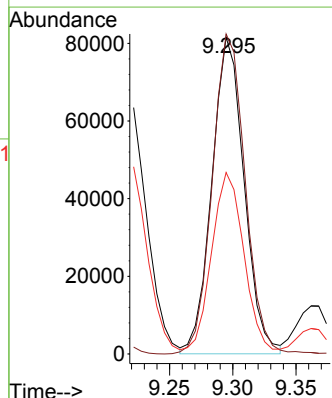
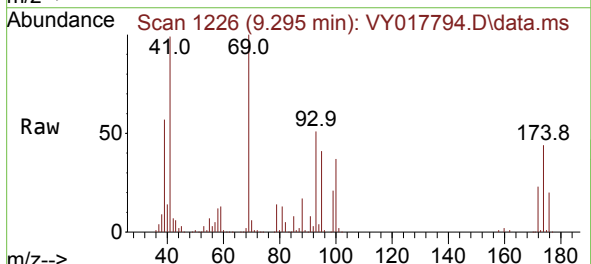
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

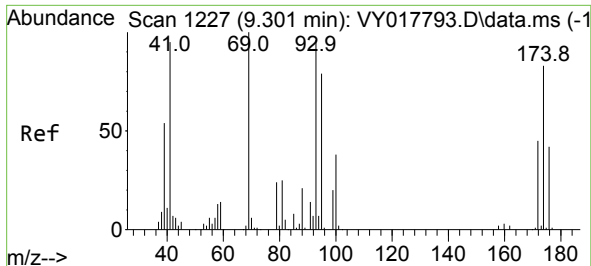
Tgt Ion: 83 Resp: 379986
Ion Ratio Lower Upper
83 100
85 61.7 50.1 75.1
127 8.4 7.4 11.0



#48
Methyl methacrylate
Concen: 101.633 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY017794.D
Acq: 29 Mar 2024 16:19

Tgt Ion: 41 Resp: 144430
Ion Ratio Lower Upper
41 100
69 103.0 84.1 126.1
39 55.2 43.6 65.4





#49

1,4-Dioxane

Concen: 2115.223 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY017794.D

Acq: 29 Mar 2024 16:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

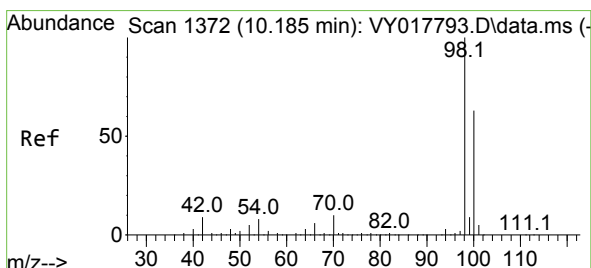
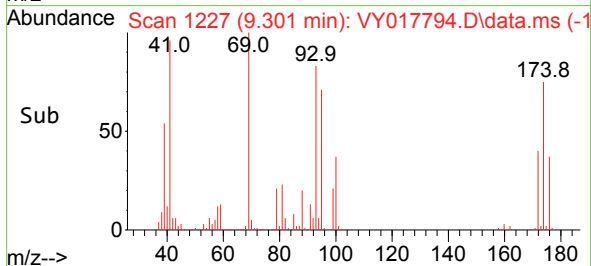
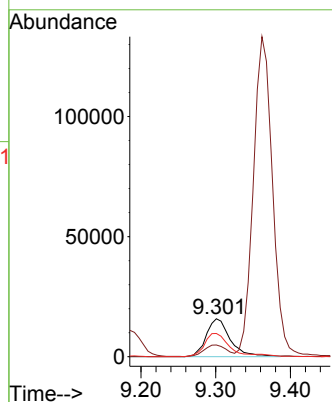
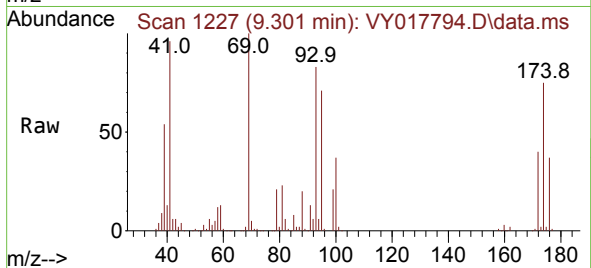
Tgt Ion: 88 Resp: 35187

Ion Ratio Lower Upper

88 100

43 29.6 0.0 0.0#

58 66.7 49.3 73.9



#50

Toluene-d8

Concen: 101.696 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017794.D

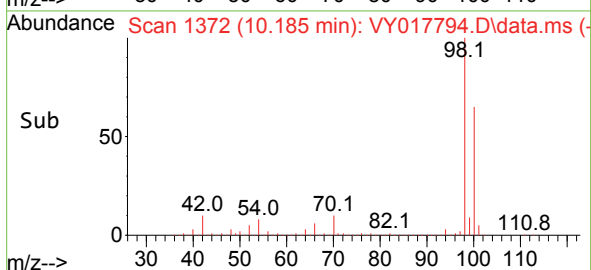
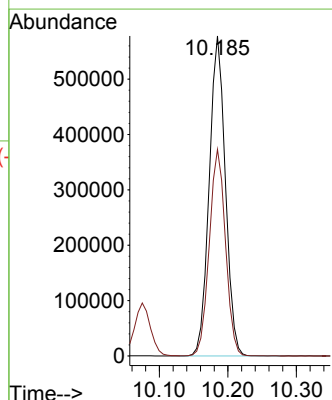
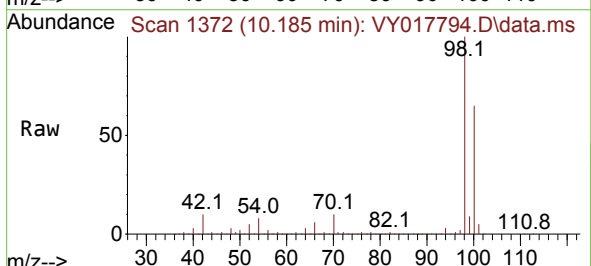
Acq: 29 Mar 2024 16:19

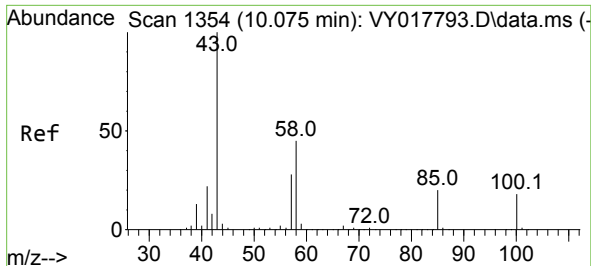
Tgt Ion: 98 Resp: 948272

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 504.788 ug/l

RT: 10.075 min Scan# 1354

Delta R.T. 0.000 min

Lab File: VY017794.D

Acq: 29 Mar 2024 16:19

Instrument :

MSVOA_Y

ClientSampleId :

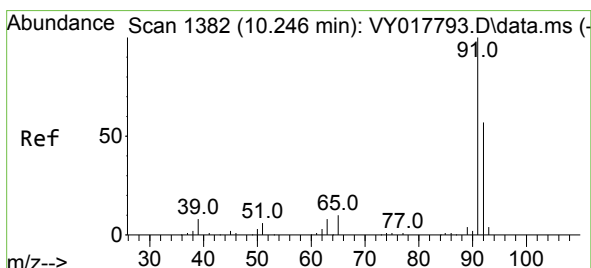
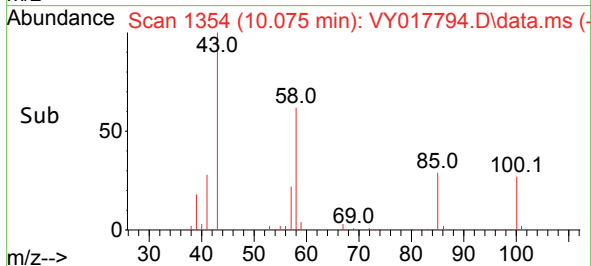
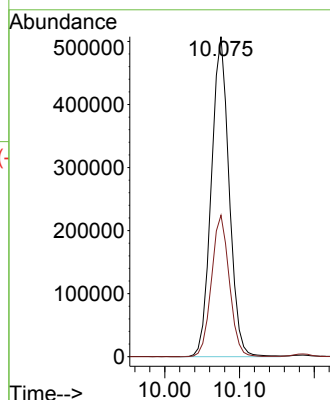
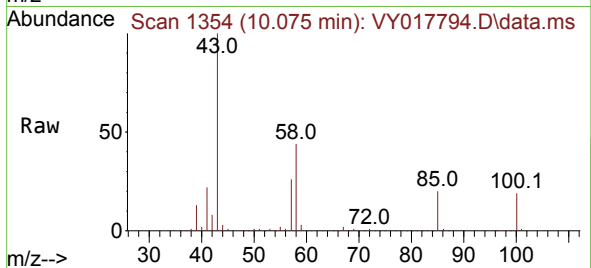
VSTDICC100

Tgt Ion: 43 Resp: 838031

Ion Ratio Lower Upper

43 100

58 44.3 35.7 53.5



#52

Toluene

Concen: 102.380 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. 0.006 min

Lab File: VY017794.D

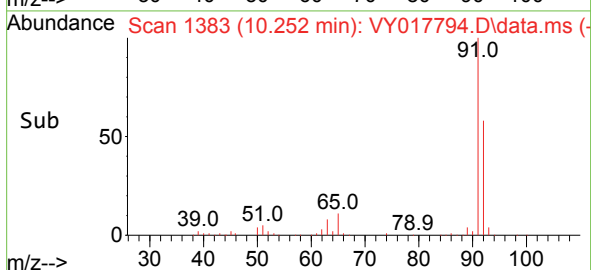
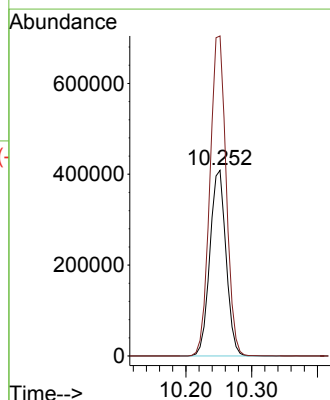
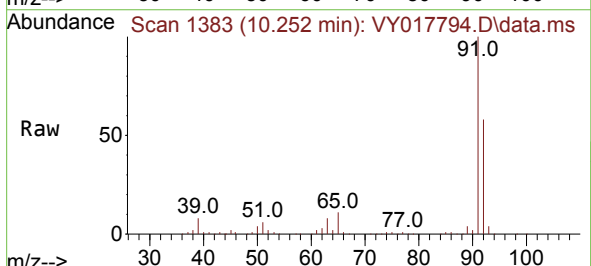
Acq: 29 Mar 2024 16:19

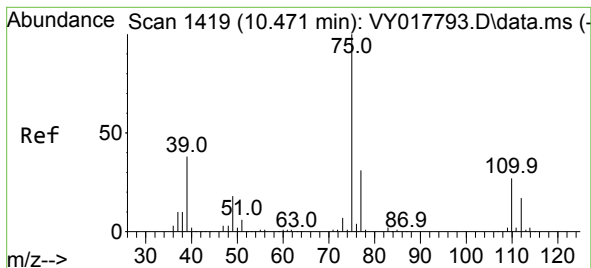
Tgt Ion: 92 Resp: 697045

Ion Ratio Lower Upper

92 100

91 174.2 139.0 208.6

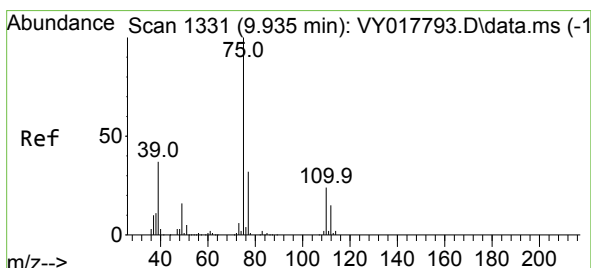
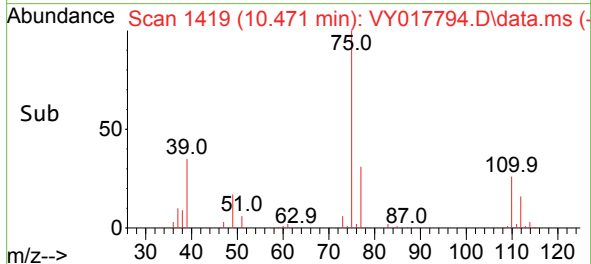
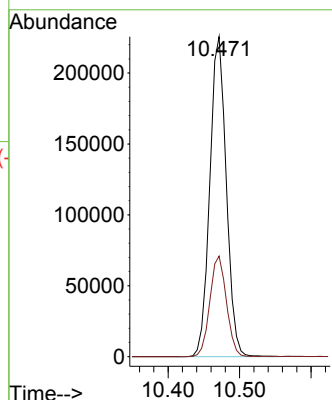
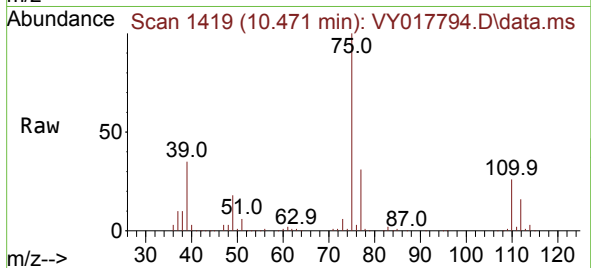




#53
 t-1,3-Dichloropropene
 Concen: 108.532 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY017794.D
 Acq: 29 Mar 2024 16:19

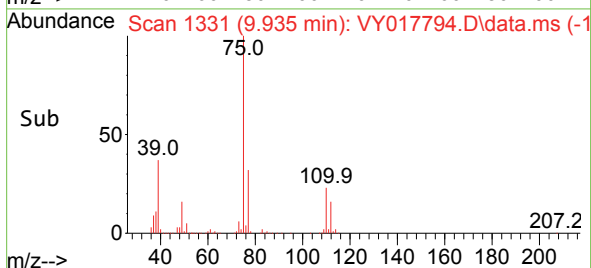
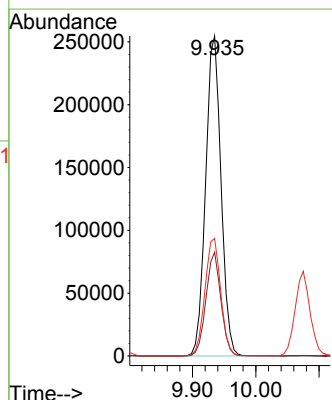
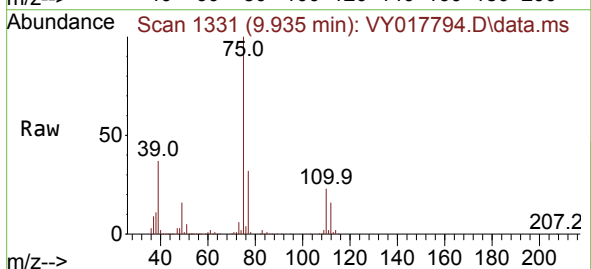
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

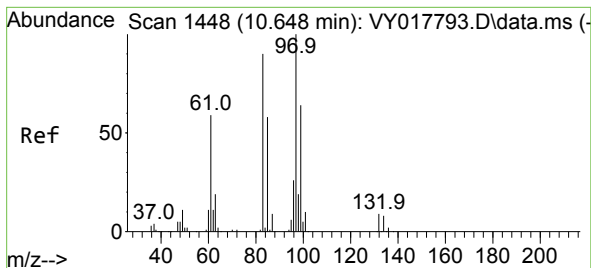
Tgt Ion: 75 Resp: 360818
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 106.277 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.000 min
 Lab File: VY017794.D
 Acq: 29 Mar 2024 16:19

Tgt Ion: 75 Resp: 431219
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.4 38.0
 39 36.7 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 101.156 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY017794.D

Acq: 29 Mar 2024 16:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 199733

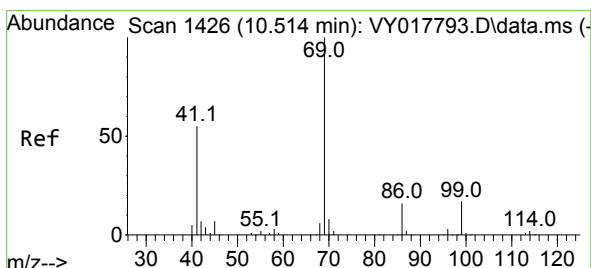
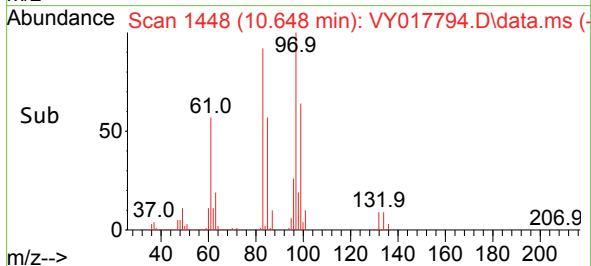
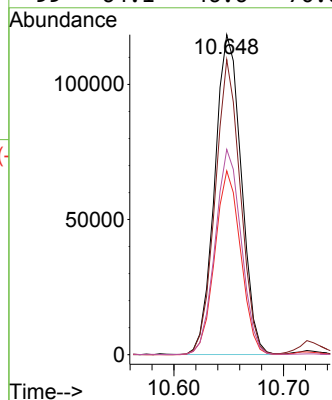
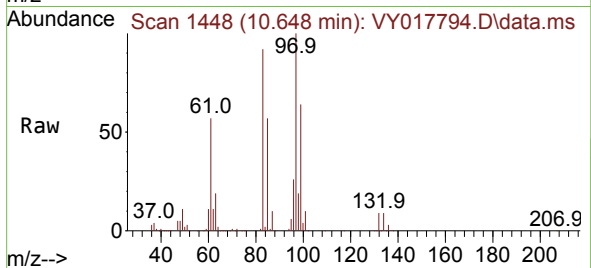
Ion Ratio Lower Upper

97 100

83 92.2 67.5 101.3

85 57.5 42.9 64.3

99 64.1 46.6 70.0



#56

Ethyl methacrylate

Concen: 100.886 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.000 min

Lab File: VY017794.D

Acq: 29 Mar 2024 16:19

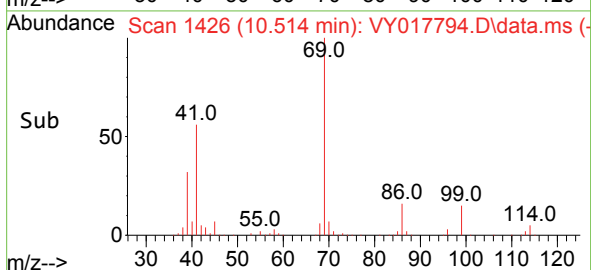
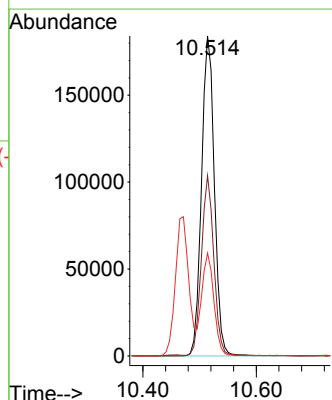
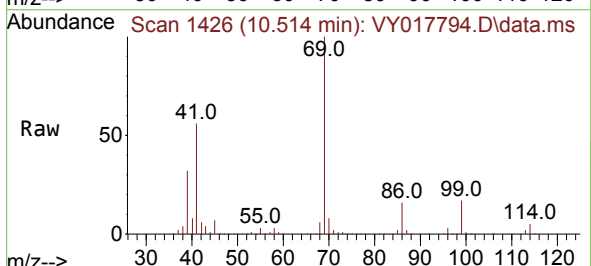
Tgt Ion: 69 Resp: 290051

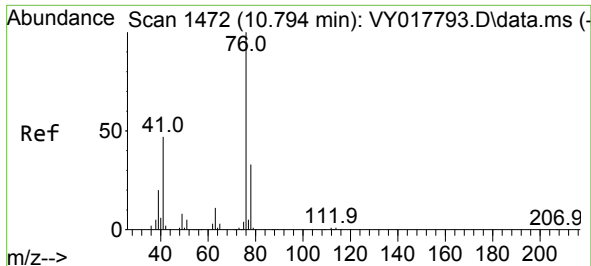
Ion Ratio Lower Upper

69 100

41 54.1 42.3 63.5

39 29.7 22.9 34.3





#57

1,3-Dichloropropane

Concen: 103.076 ug/l

RT: 10.794 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VY017794.D

Acq: 29 Mar 2024 16:19

Instrument :

MSVOA_Y

ClientSampleId :

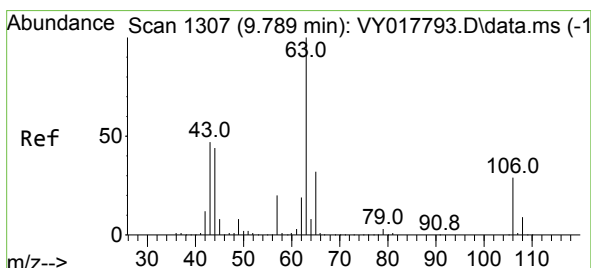
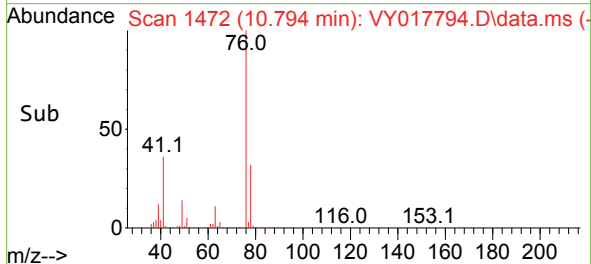
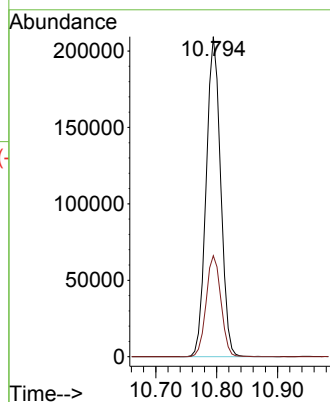
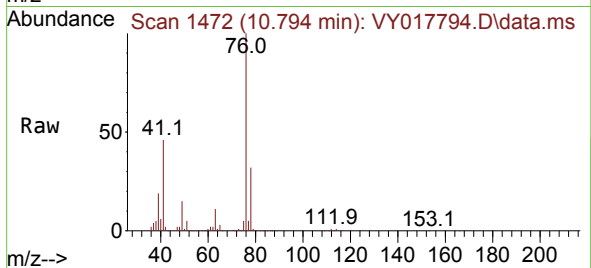
VSTDIC100

Tgt Ion: 76 Resp: 344221

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 483.730 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VY017794.D

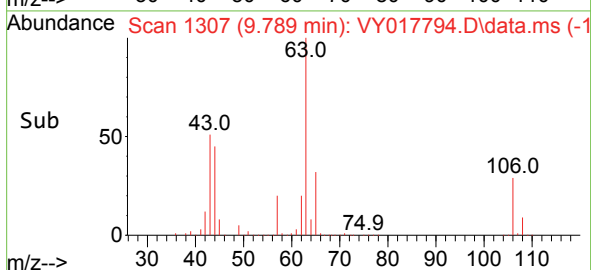
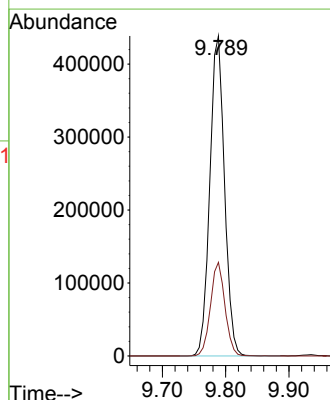
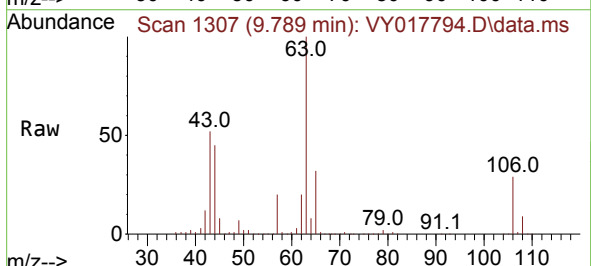
Acq: 29 Mar 2024 16:19

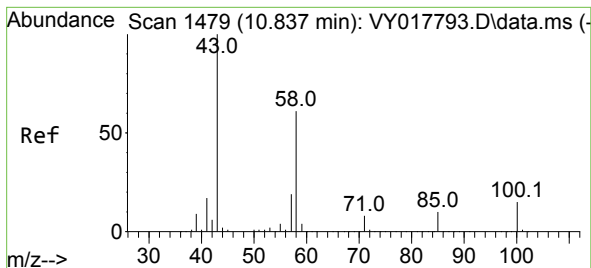
Tgt Ion: 63 Resp: 708715

Ion Ratio Lower Upper

63 100

106 28.7 23.7 35.5

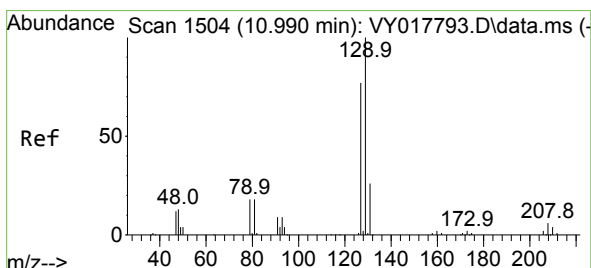
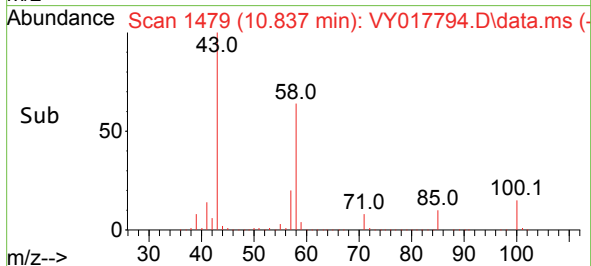
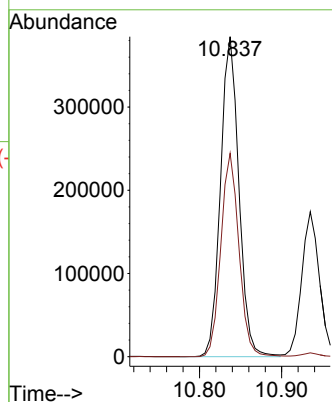
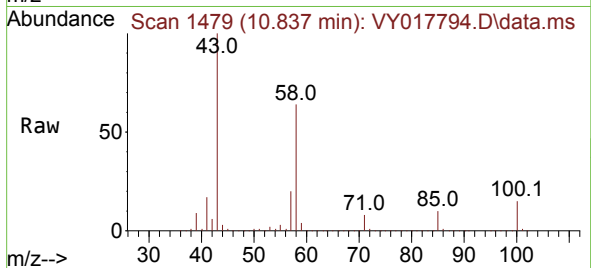




#59
2-Hexanone
Concen: 504.847 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017794.D
Acq: 29 Mar 2024 16:19

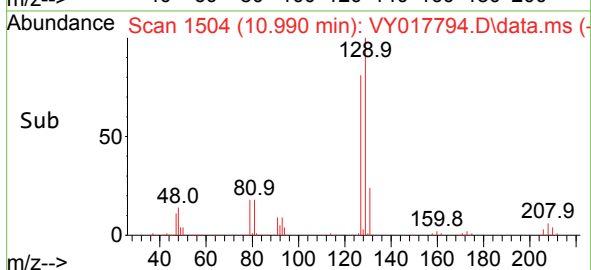
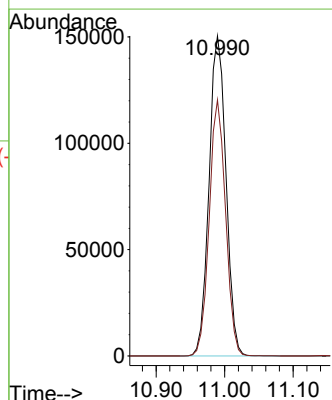
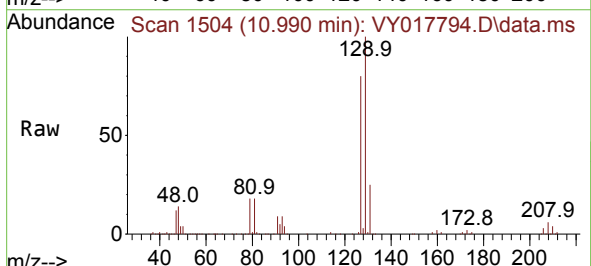
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

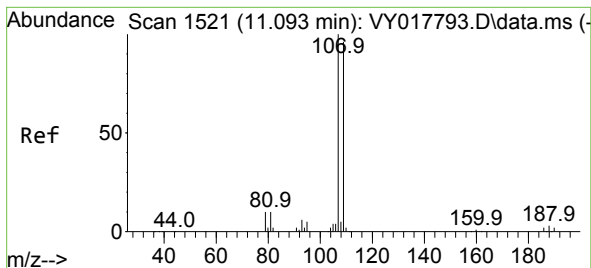
Tgt Ion: 43 Resp: 596913
Ion Ratio Lower Upper
43 100
58 62.8 31.4 94.0



#60
Dibromochloromethane
Concen: 103.946 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017794.D
Acq: 29 Mar 2024 16:19

Tgt Ion: 129 Resp: 258861
Ion Ratio Lower Upper
129 100
127 77.3 39.0 117.0

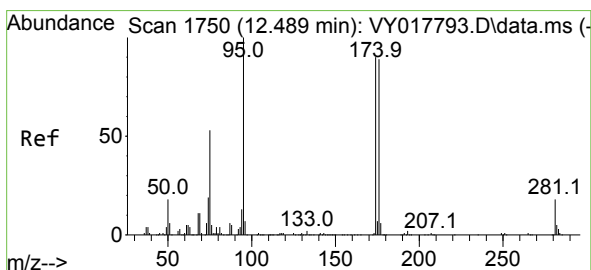
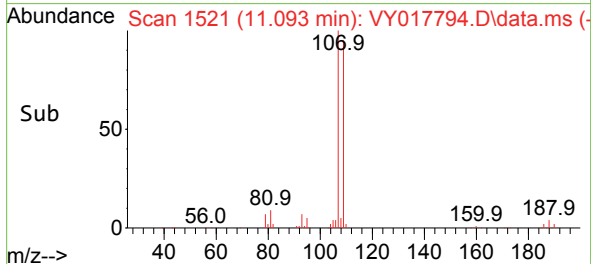
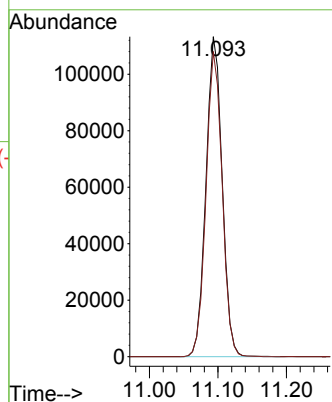
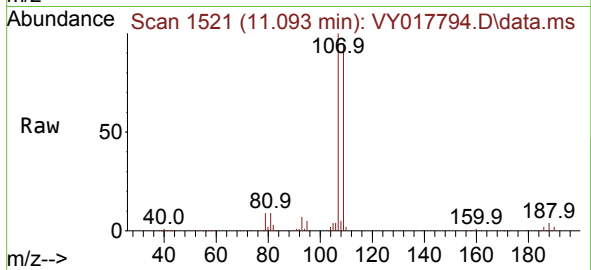




#61
1,2-Dibromoethane
Concen: 103.699 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY017794.D
Acq: 29 Mar 2024 16:19

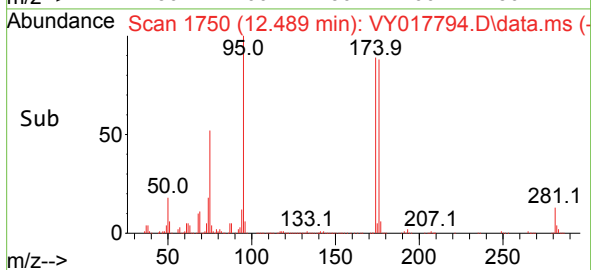
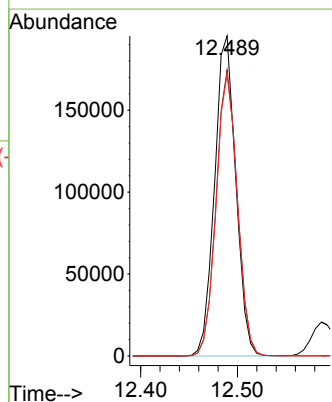
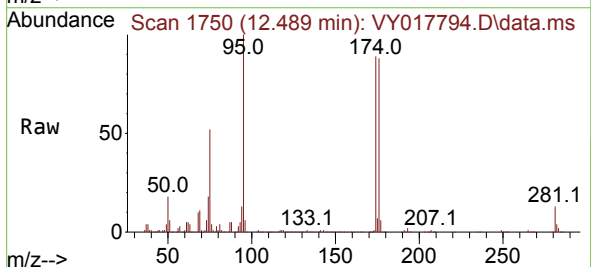
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

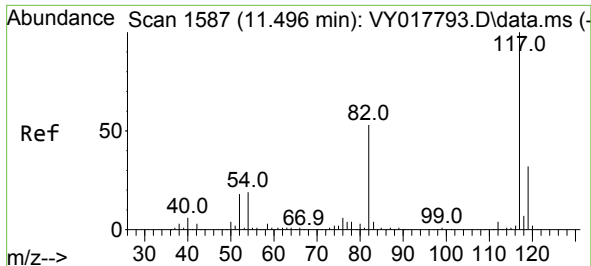
Tgt Ion:107 Resp: 186705
Ion Ratio Lower Upper
107 100
109 94.9 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 104.654 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017794.D
Acq: 29 Mar 2024 16:19

Tgt Ion: 95 Resp: 296903
Ion Ratio Lower Upper
95 100
174 89.4 0.0 175.6
176 88.0 0.0 171.4

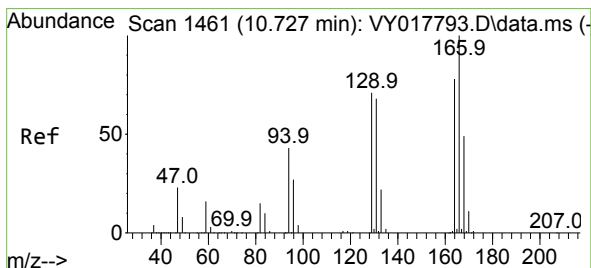
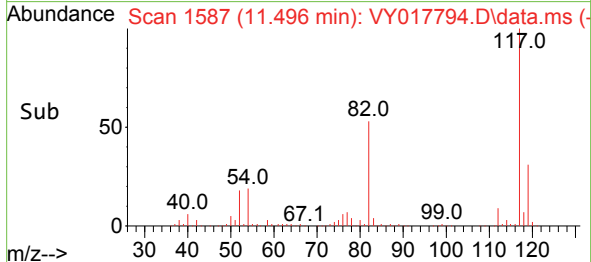
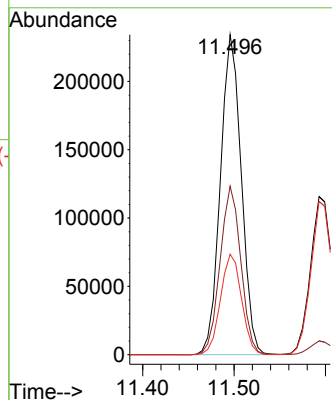
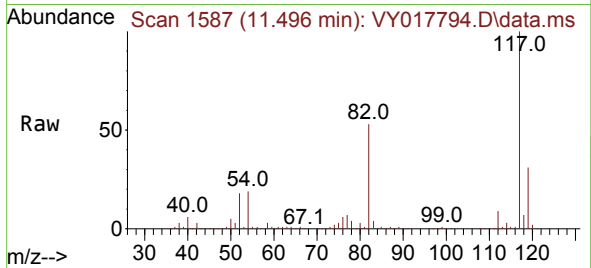




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY017794.D
Acq: 29 Mar 2024 16:19

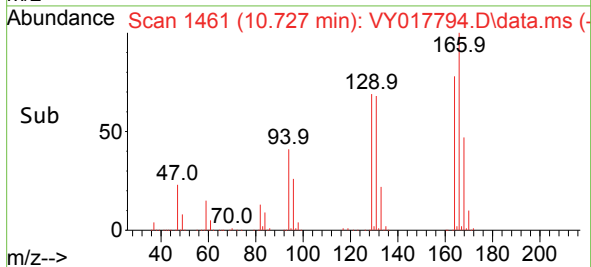
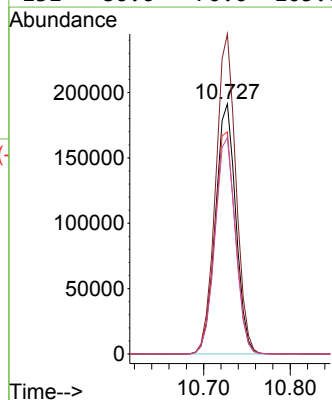
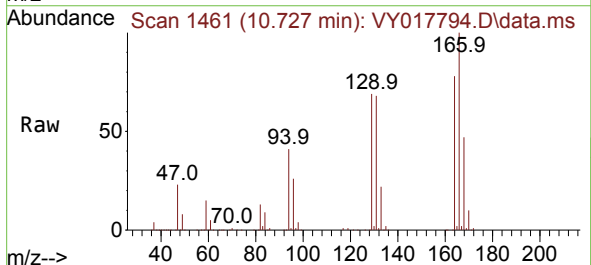
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

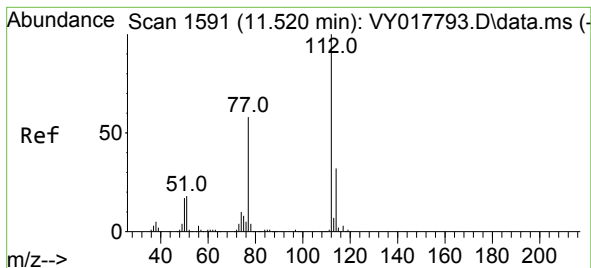
Tgt Ion:117 Resp: 372493
Ion Ratio Lower Upper
117 100
82 52.7 42.4 63.6
119 31.4 25.9 38.9



#64
Tetrachloroethene
Concen: 96.142 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VY017794.D
Acq: 29 Mar 2024 16:19

Tgt Ion:164 Resp: 312357
Ion Ratio Lower Upper
164 100
166 127.9 102.6 154.0
129 88.8 72.0 108.0
131 86.6 70.0 105.0





#65

Chlorobenzene

Concen: 99.644 ug/l

RT: 11.520 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY017794.D

Acq: 29 Mar 2024 16:19

Instrument :

MSVOA_Y

ClientSampleId :

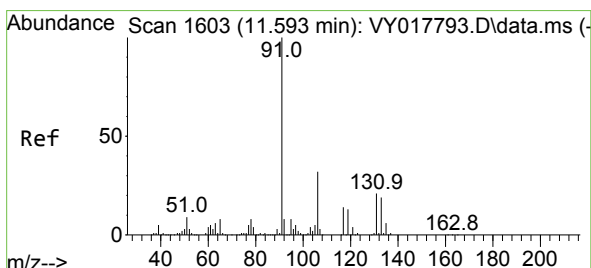
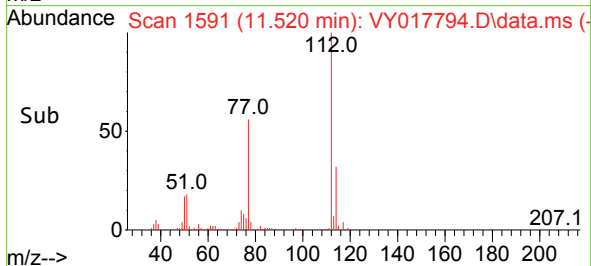
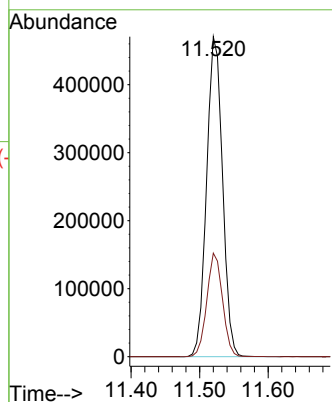
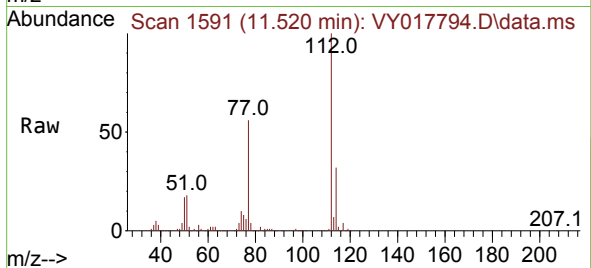
VSTDIC100

Tgt Ion:112 Resp: 761387

Ion Ratio Lower Upper

112 100

114 32.3 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 102.946 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY017794.D

Acq: 29 Mar 2024 16:19

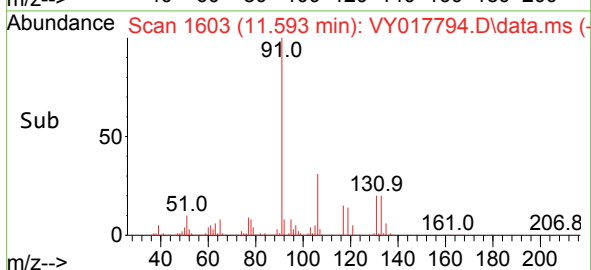
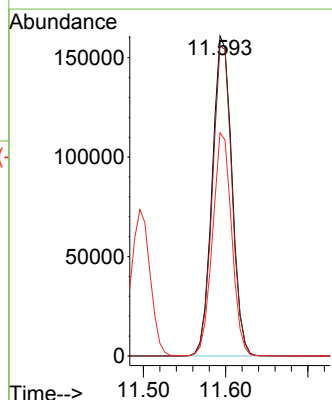
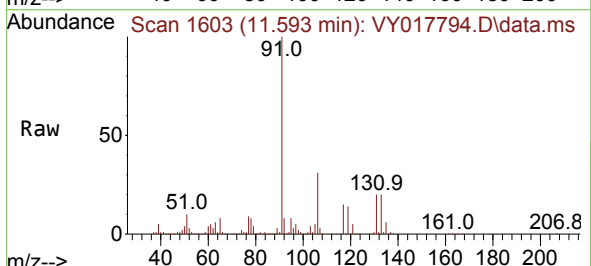
Tgt Ion:131 Resp: 267094

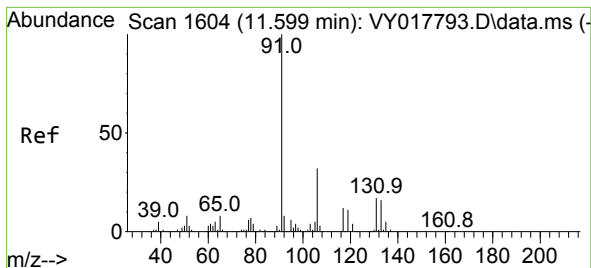
Ion Ratio Lower Upper

131 100

133 96.2 47.8 143.3

119 68.0 34.1 102.2





#67

Ethyl Benzene

Concen: 104.796 ug/l

RT: 11.599 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017794.D

Acq: 29 Mar 2024 16:19

Instrument :

MSVOA_Y

ClientSampleId :

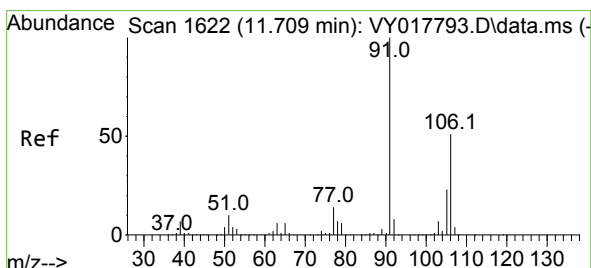
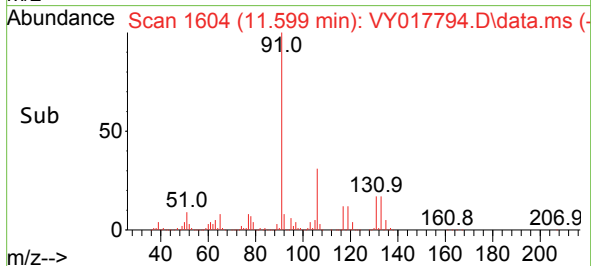
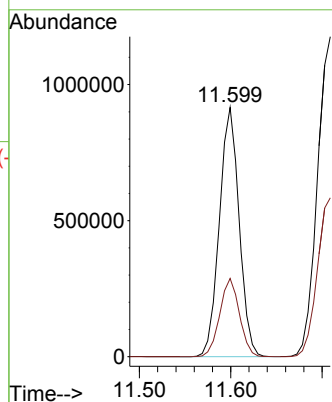
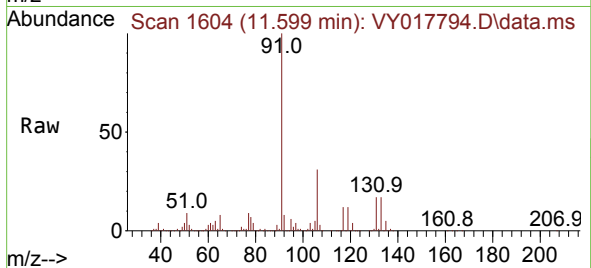
VSTDICC100

Tgt Ion: 91 Resp: 1376547

Ion Ratio Lower Upper

91 100

106 31.4 24.5 36.7



#68

m/p-Xylenes

Concen: 209.134 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY017794.D

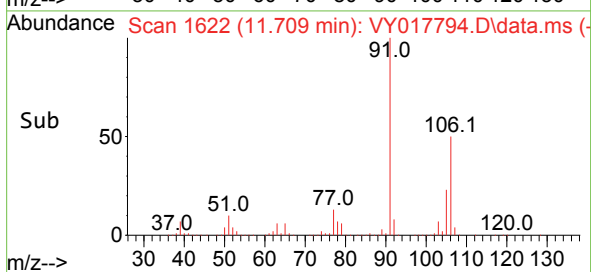
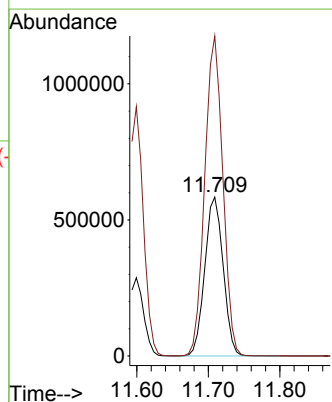
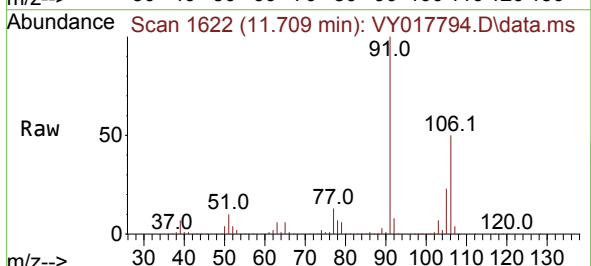
Acq: 29 Mar 2024 16:19

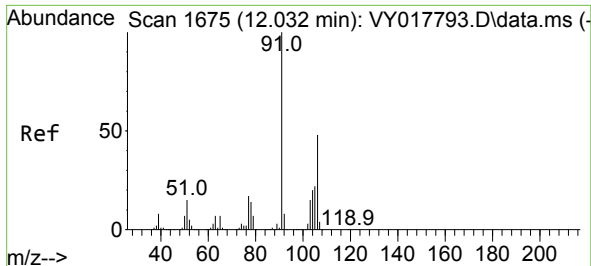
Tgt Ion:106 Resp: 1041814

Ion Ratio Lower Upper

106 100

91 197.9 156.0 234.0

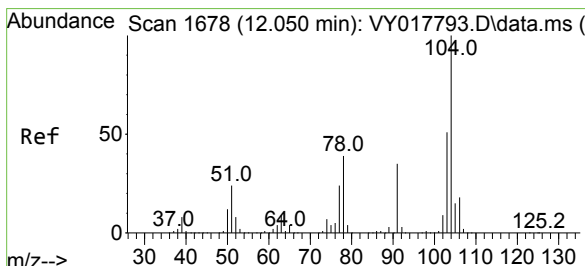
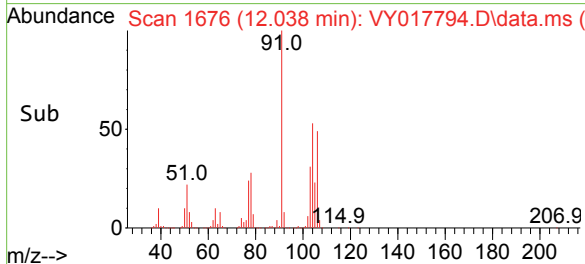
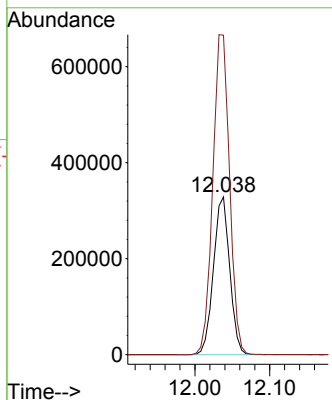
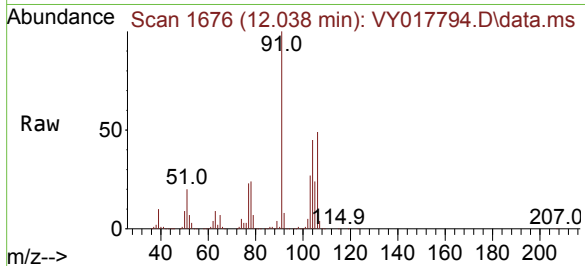




#69
o-Xylene
Concen: 99.796 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VY017794.D
Acq: 29 Mar 2024 16:19

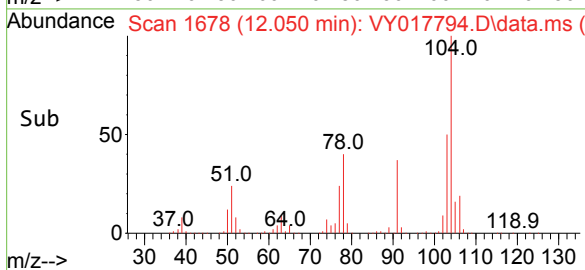
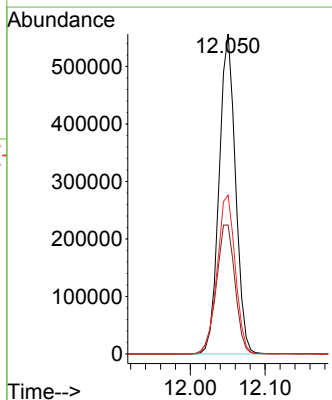
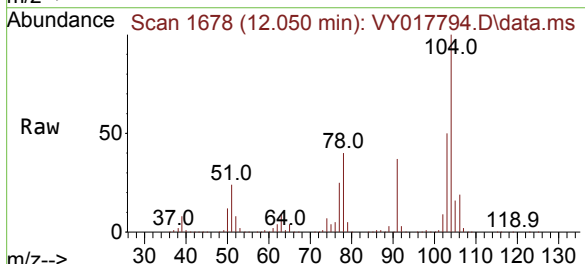
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

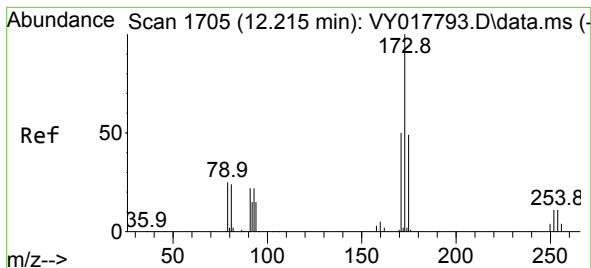
Tgt Ion:106 Resp: 496072
Ion Ratio Lower Upper
106 100
91 209.2 103.6 310.8



#70
Styrene
Concen: 99.785 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY017794.D
Acq: 29 Mar 2024 16:19

Tgt Ion:104 Resp: 852785
Ion Ratio Lower Upper
104 100
78 46.0 37.0 55.4
103 54.8 44.2 66.2





#71

Bromoform

Concen: 107.807 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017794.D

Acq: 29 Mar 2024 16:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

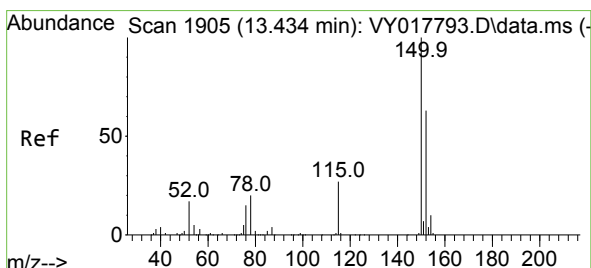
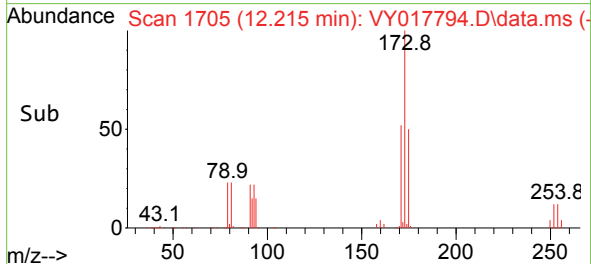
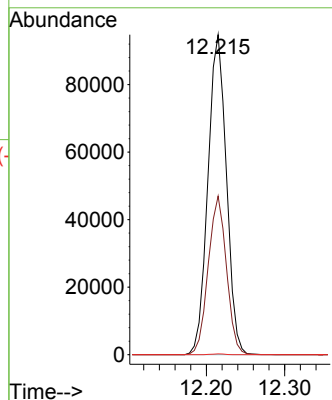
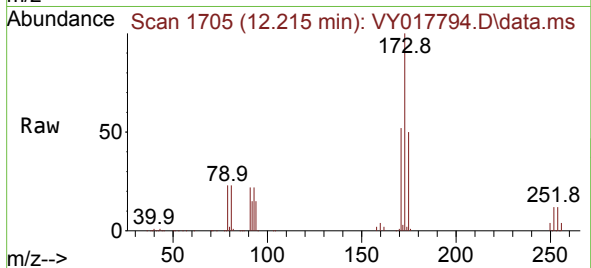
Tgt Ion:173 Resp: 155043

Ion Ratio Lower Upper

173 100

175 48.8 25.1 75.3

254 0.2 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017794.D

Acq: 29 Mar 2024 16:19

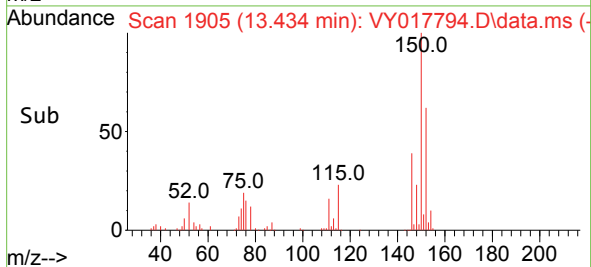
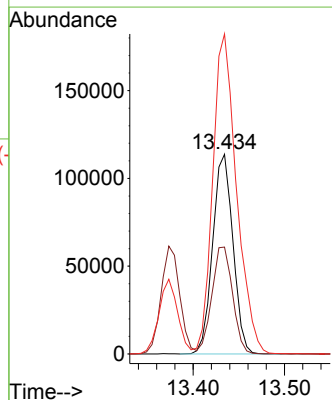
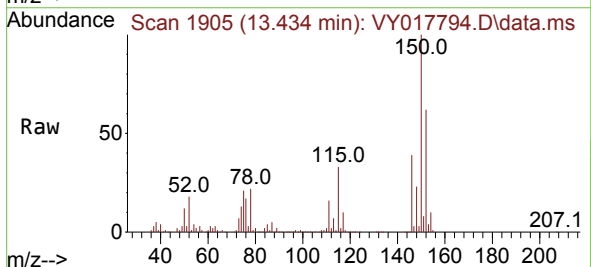
Tgt Ion:152 Resp: 175254

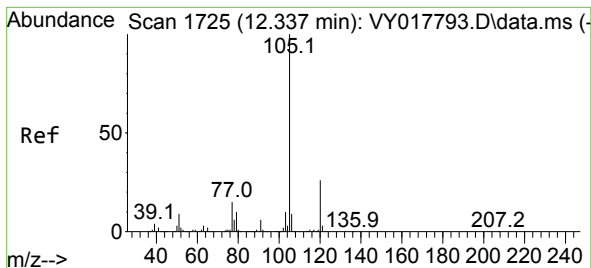
Ion Ratio Lower Upper

152 100

115 54.4 28.2 84.7

150 188.4 0.0 345.6





#73

Isopropylbenzene

Concen: 102.287 ug/l

RT: 12.337 min Scan# 1725

Delta R.T. 0.000 min

Lab File: VY017794.D

Acq: 29 Mar 2024 16:19

Instrument :

MSVOA_Y

ClientSampleId :

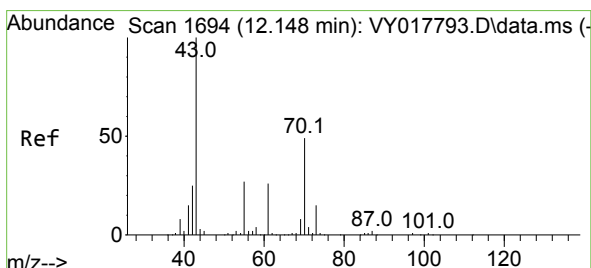
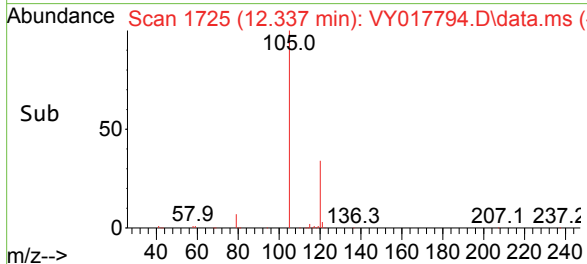
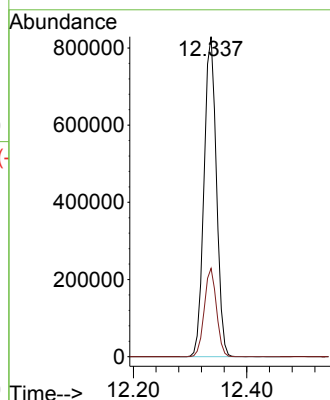
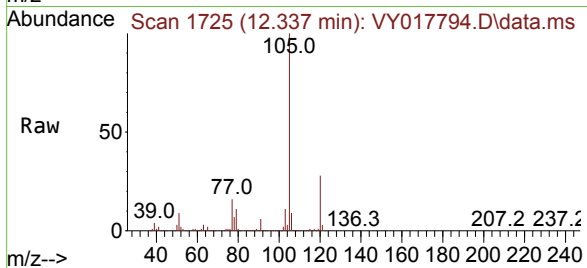
VSTDIC100

Tgt Ion:105 Resp: 1256270

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.1



#74

N-ethyl acetate

Concen: 101.027 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.000 min

Lab File: VY017794.D

Acq: 29 Mar 2024 16:19

Tgt Ion: 43 Resp: 280745

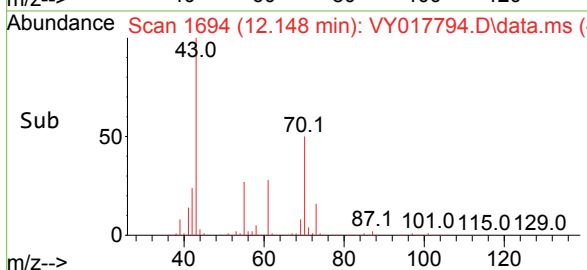
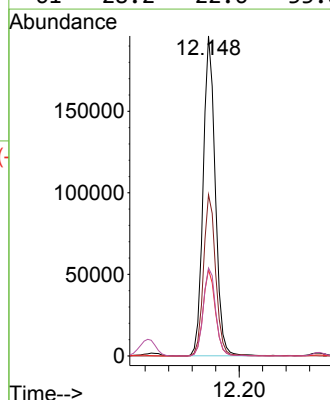
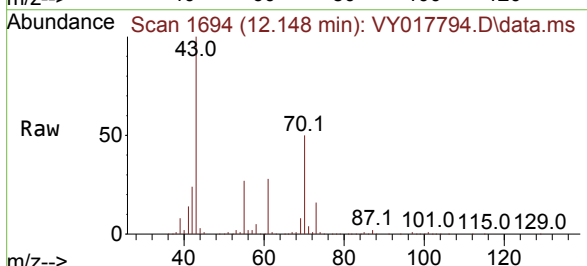
Ion Ratio Lower Upper

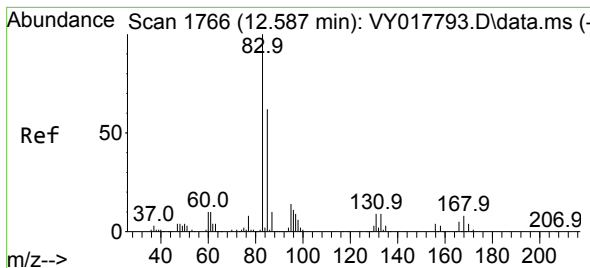
43 100

70 50.7 41.4 62.2

55 27.6 23.3 34.9

61 28.2 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 106.035 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY017794.D

Acq: 29 Mar 2024 16:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

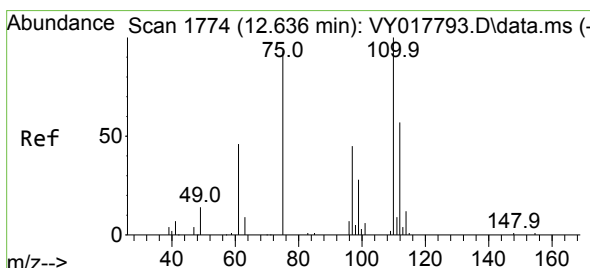
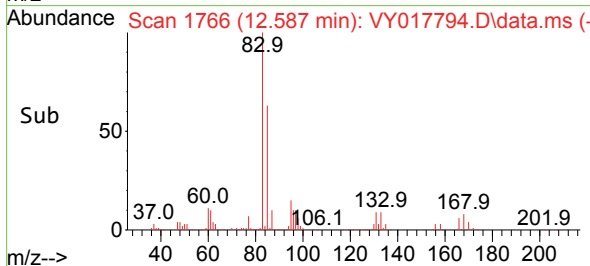
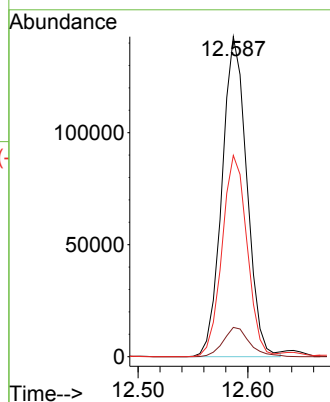
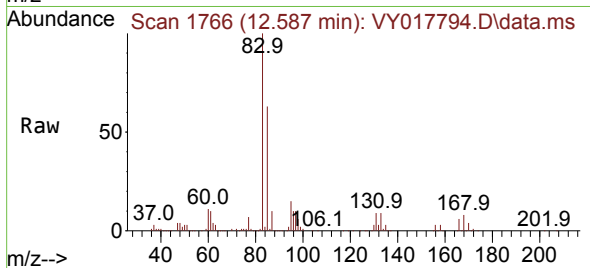
Tgt Ion: 83 Resp: 225275

Ion Ratio Lower Upper

83 100

131 9.7 5.0 14.9

85 63.2 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 184.591 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY017794.D

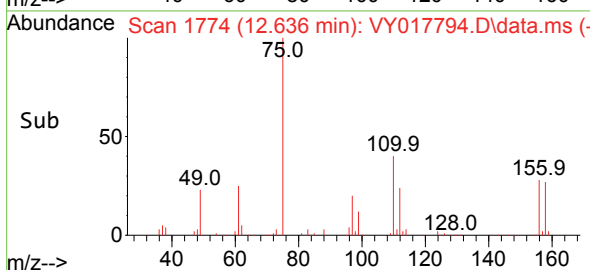
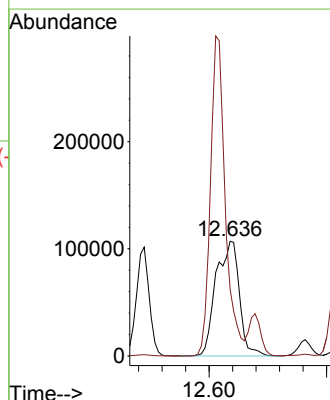
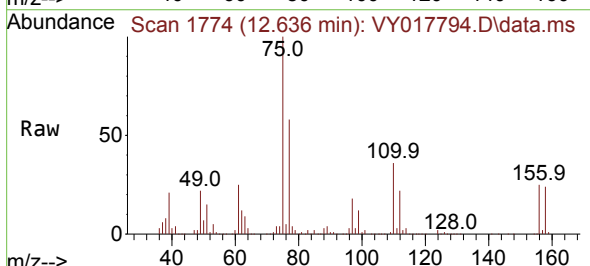
Acq: 29 Mar 2024 16:19

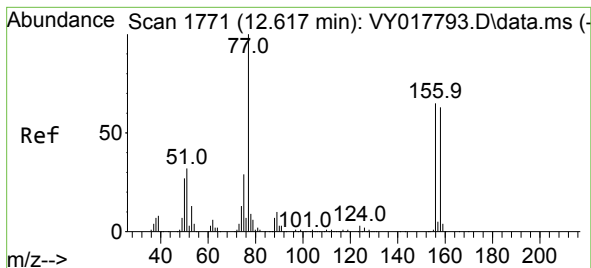
Tgt Ion: 75 Resp: 295192

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 102.082 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY017794.D

Acq: 29 Mar 2024 16:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

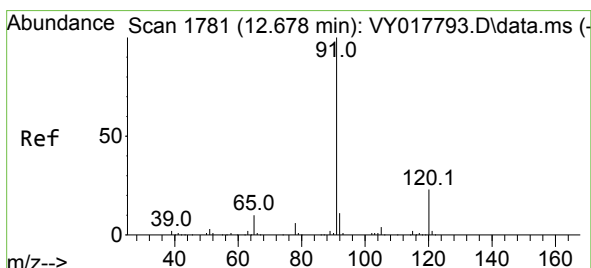
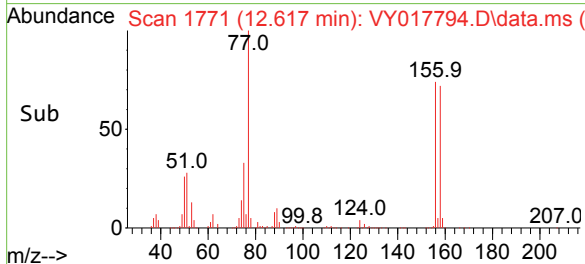
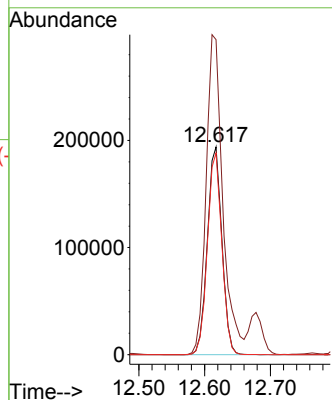
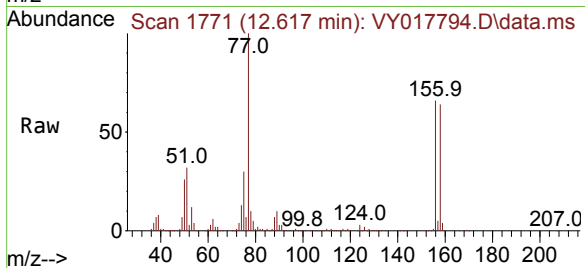
Tgt Ion:156 Resp: 298600

Ion Ratio Lower Upper

156 100

77 176.2 87.1 261.3

158 96.3 48.6 145.9



#78

n-propylbenzene

Concen: 101.155 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY017794.D

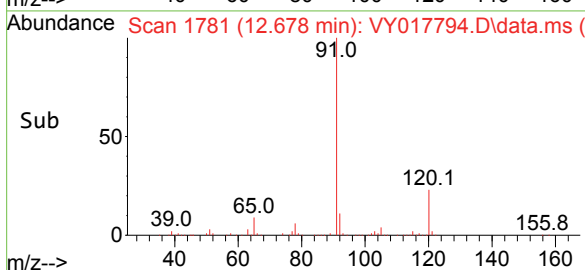
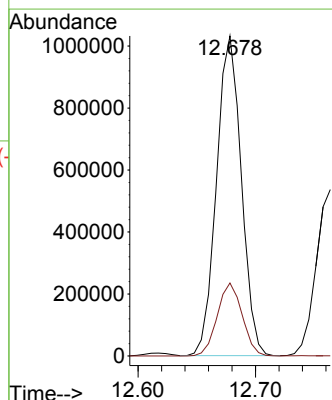
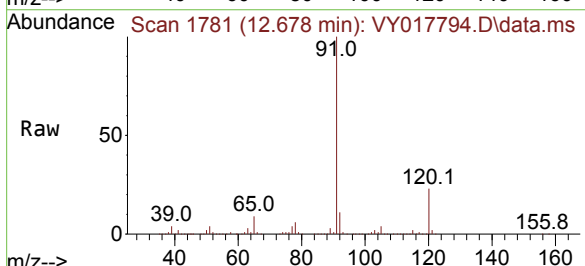
Acq: 29 Mar 2024 16:19

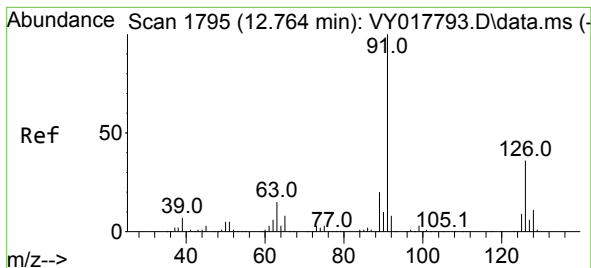
Tgt Ion: 91 Resp: 1515936

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 100.872 ug/l

RT: 12.764 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017794.D

Acq: 29 Mar 2024 16:19

Instrument :

MSVOA_Y

ClientSampleId :

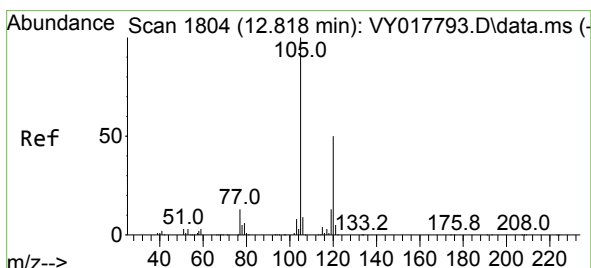
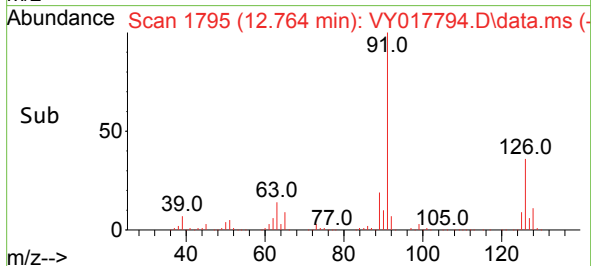
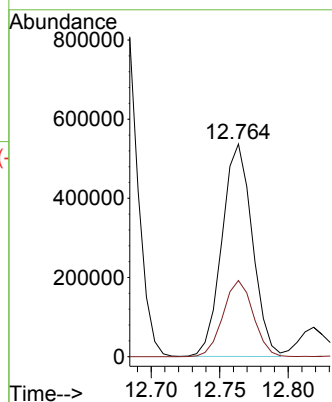
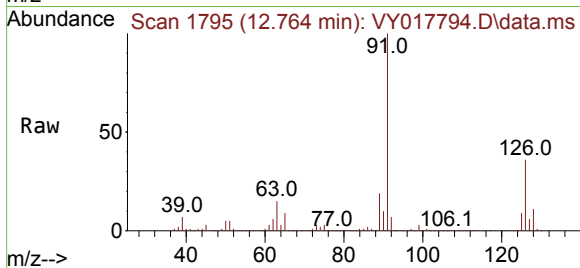
VSTDIC100

Tgt Ion: 91 Resp: 828043

Ion Ratio Lower Upper

91 100

126 35.7 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 103.206 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. 0.000 min

Lab File: VY017794.D

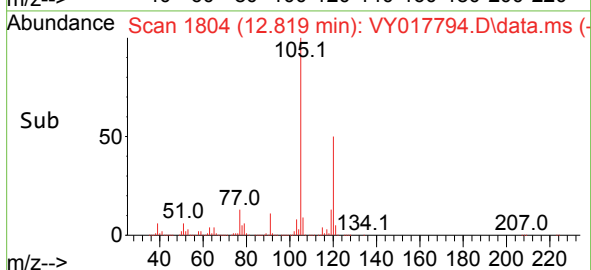
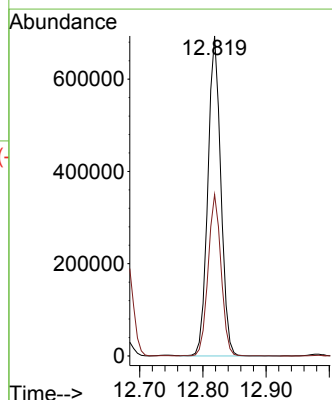
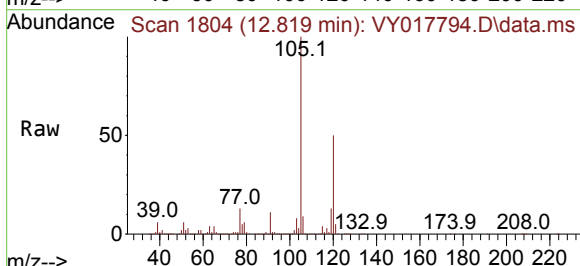
Acq: 29 Mar 2024 16:19

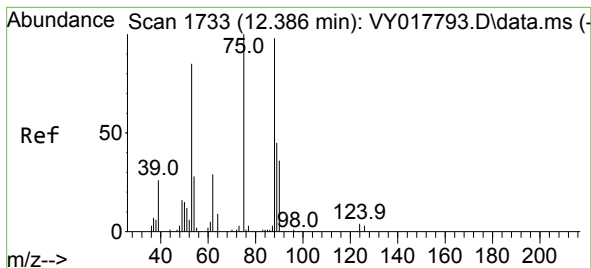
Tgt Ion:105 Resp: 989229

Ion Ratio Lower Upper

105 100

120 50.4 25.1 75.2

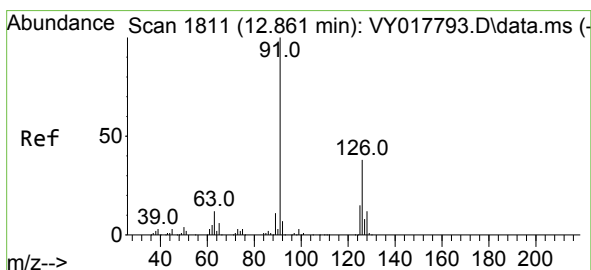
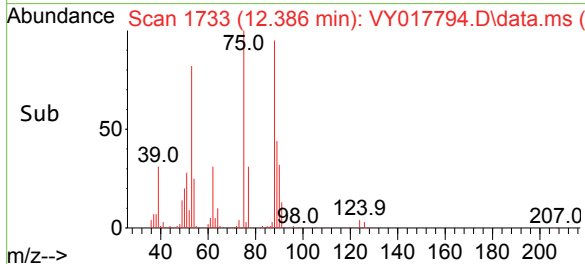
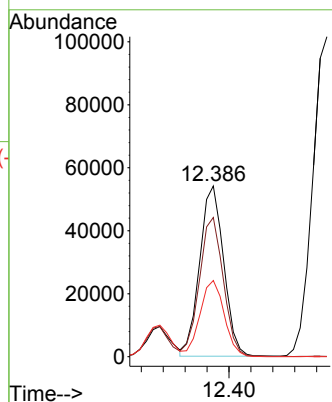
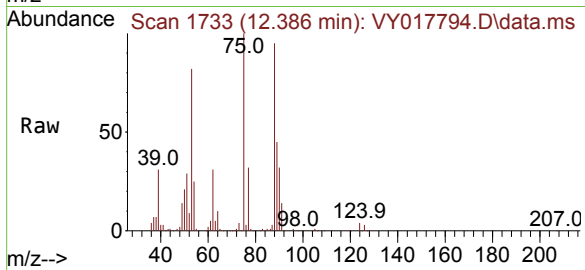




#81
trans-1,4-Dichloro-2-butene
Concen: 102.029 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY017794.D
Acq: 29 Mar 2024 16:19

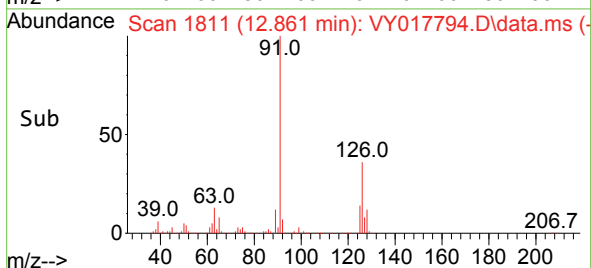
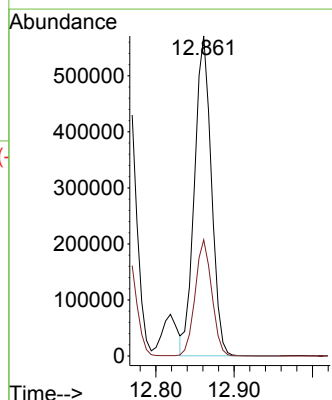
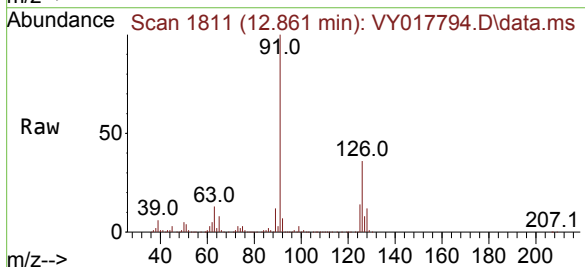
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

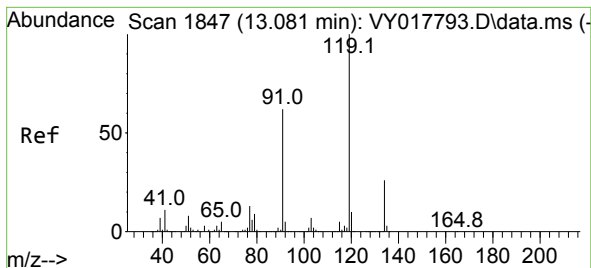
Tgt Ion: 75 Resp: 82355
Ion Ratio Lower Upper
75 100
53 81.7 66.8 100.2
89 45.4 35.8 53.6



#82
4-Chlorotoluene
Concen: 100.427 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017794.D
Acq: 29 Mar 2024 16:19

Tgt Ion: 91 Resp: 853623
Ion Ratio Lower Upper
91 100
126 35.9 17.6 52.9





#83

tert-Butylbenzene

Concen: 101.551 ug/l

RT: 13.081 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY017794.D

Acq: 29 Mar 2024 16:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

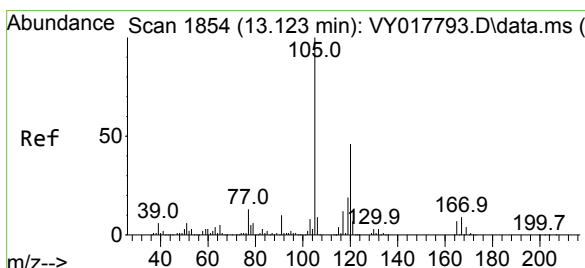
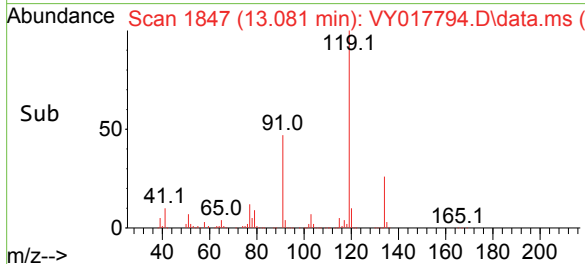
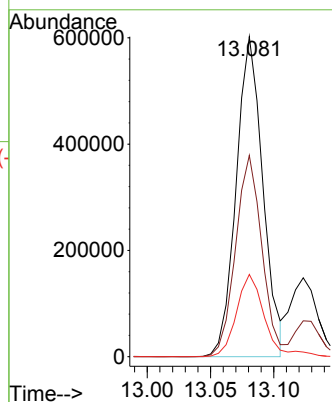
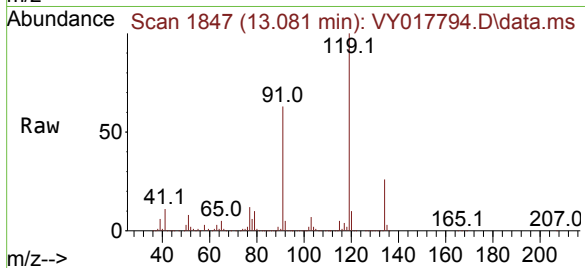
Tgt Ion:119 Resp: 884949

Ion Ratio Lower Upper

119 100

91 61.8 31.3 93.8

134 27.0 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 103.988 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY017794.D

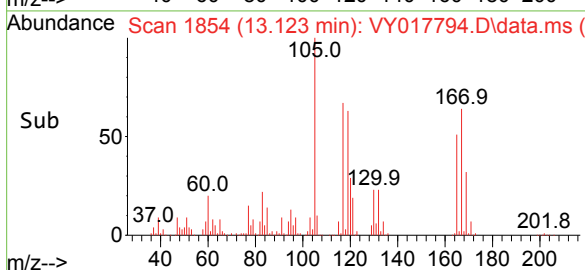
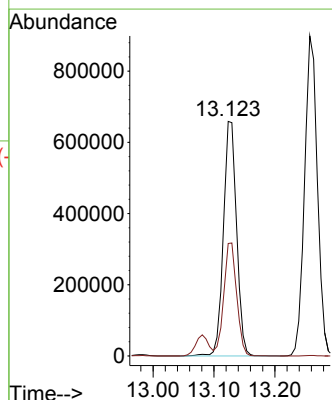
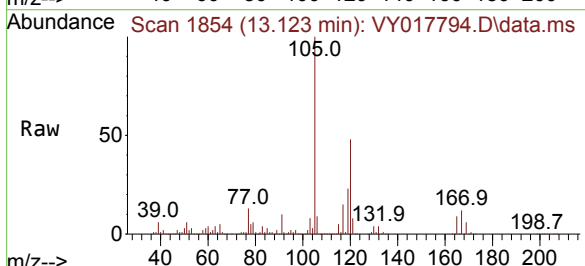
Acq: 29 Mar 2024 16:19

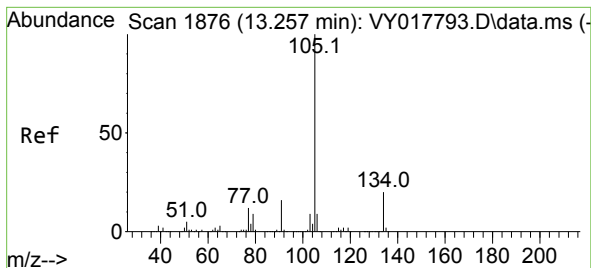
Tgt Ion:105 Resp: 992687

Ion Ratio Lower Upper

105 100

120 47.1 23.2 69.6

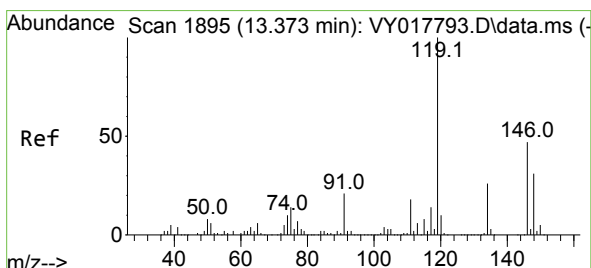
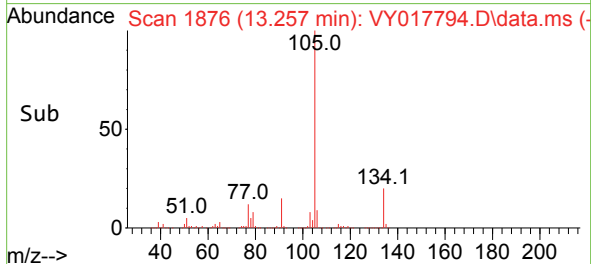
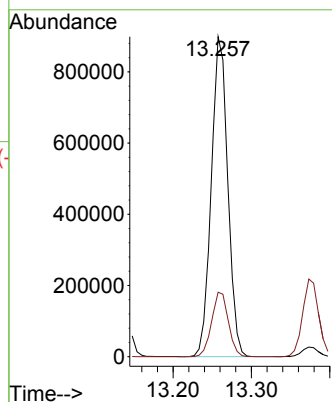
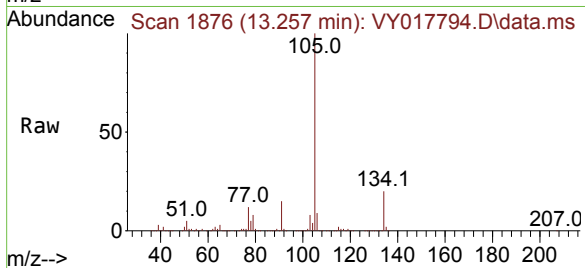




#85
sec-Butylbenzene
Concen: 100.261 ug/l
RT: 13.257 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VY017794.D
Acq: 29 Mar 2024 16:19

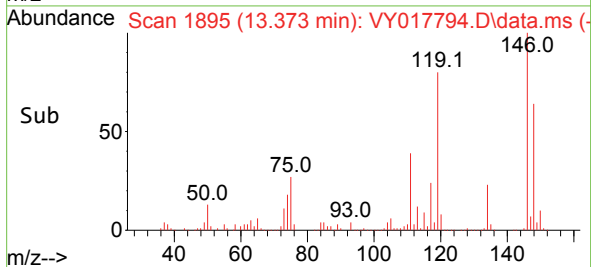
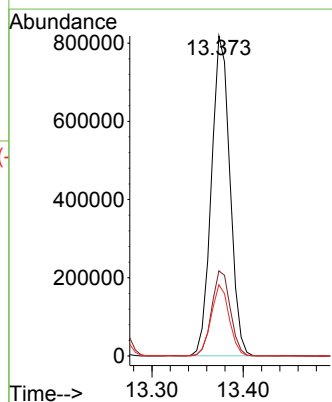
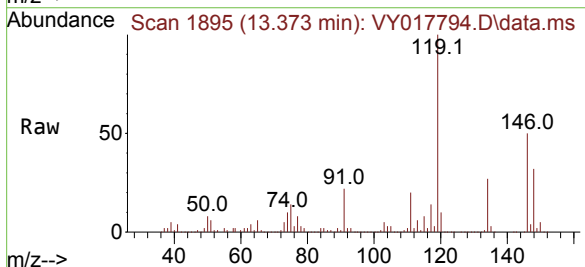
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

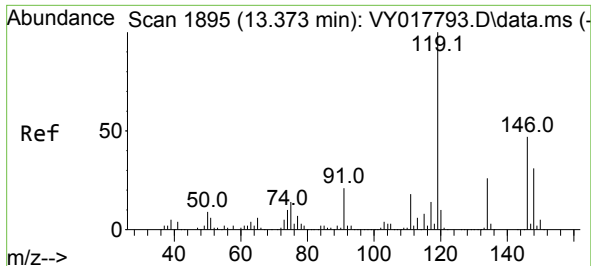
Tgt Ion:105 Resp: 1311355
Ion Ratio Lower Upper
105 100
134 20.4 10.1 30.1



#86
p-Isopropyltoluene
Concen: 105.232 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY017794.D
Acq: 29 Mar 2024 16:19

Tgt Ion:119 Resp: 1150474
Ion Ratio Lower Upper
119 100
134 26.8 13.1 39.3
91 21.6 10.7 32.1

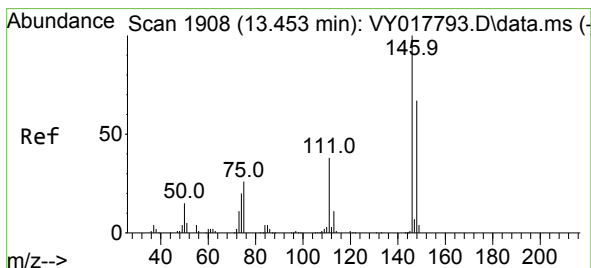
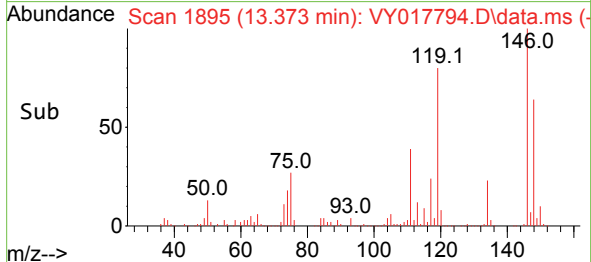
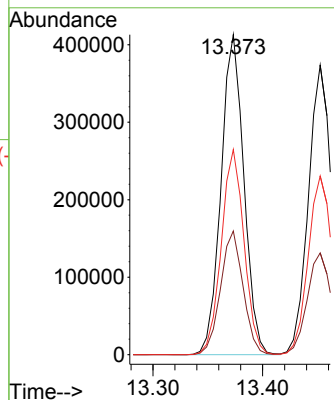
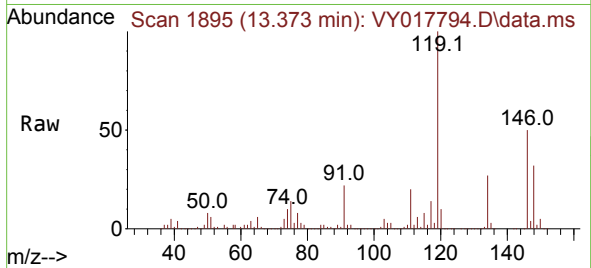




#87
1,3-Dichlorobenzene
Concen: 103.110 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY017794.D
Acq: 29 Mar 2024 16:19

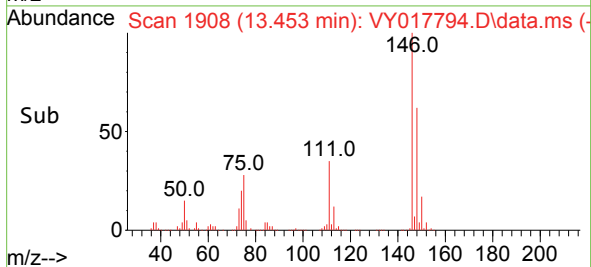
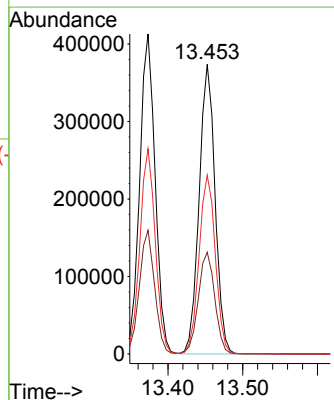
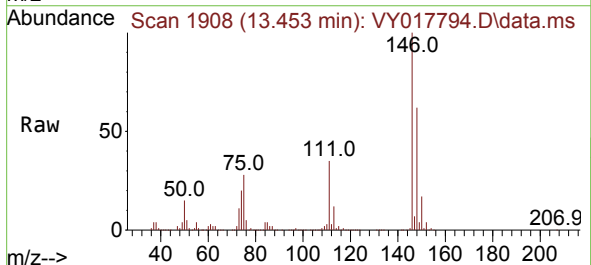
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

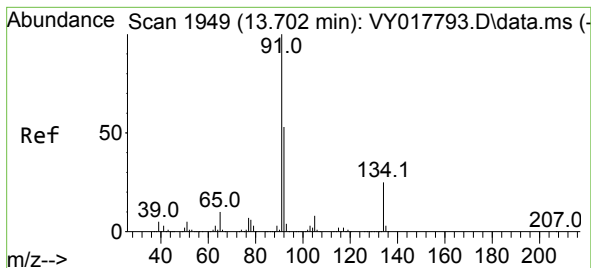
Tgt Ion:146 Resp: 598472
Ion Ratio Lower Upper
146 100
111 38.2 19.0 57.0
148 63.9 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 99.605 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY017794.D
Acq: 29 Mar 2024 16:19

Tgt Ion:146 Resp: 553355
Ion Ratio Lower Upper
146 100
111 36.3 18.4 55.4
148 63.3 32.4 97.2





#89

n-Butylbenzene

Concen: 102.172 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY017794.D

Acq: 29 Mar 2024 16:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

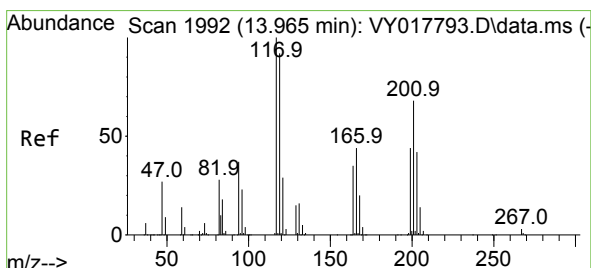
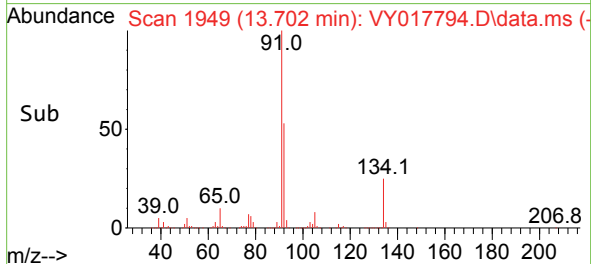
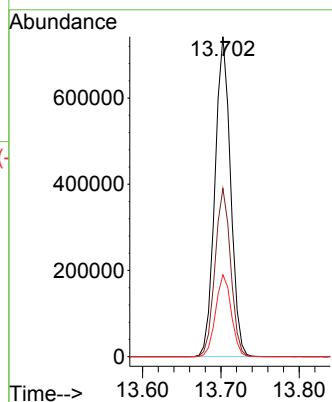
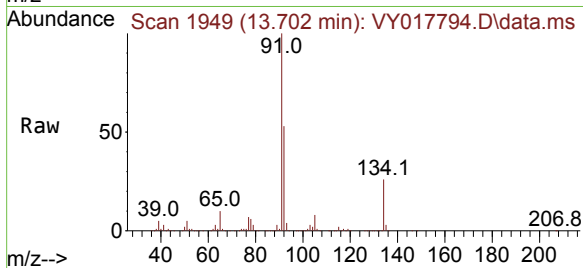
Tgt Ion: 91 Resp: 1027694

Ion Ratio Lower Upper

91 100

92 52.6 26.6 79.7

134 25.7 12.9 38.7



#90

Hexachloroethane

Concen: 98.607 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.006 min

Lab File: VY017794.D

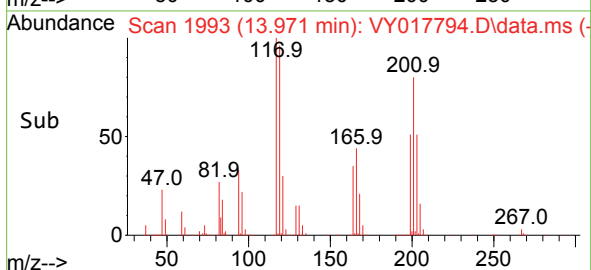
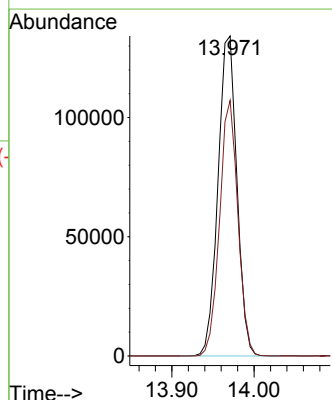
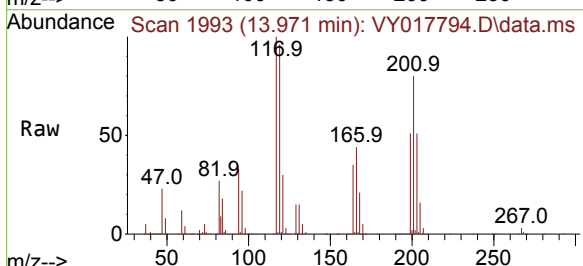
Acq: 29 Mar 2024 16:19

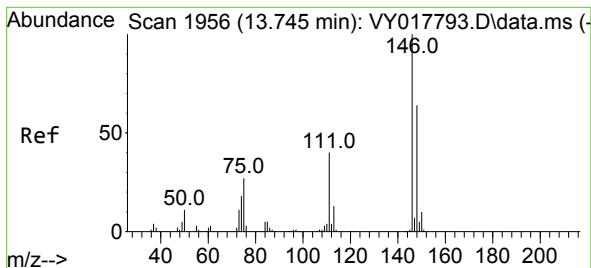
Tgt Ion: 117 Resp: 214366

Ion Ratio Lower Upper

117 100

201 77.4 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 100.804 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VY017794.D

Acq: 29 Mar 2024 16:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

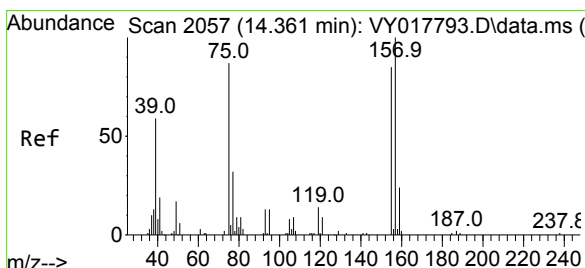
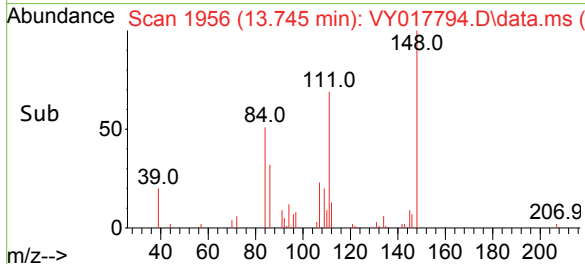
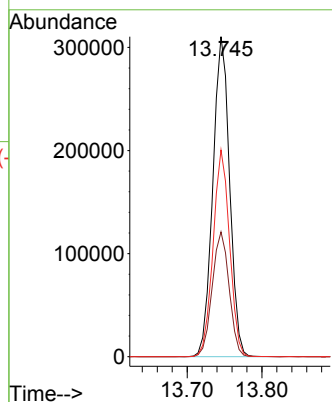
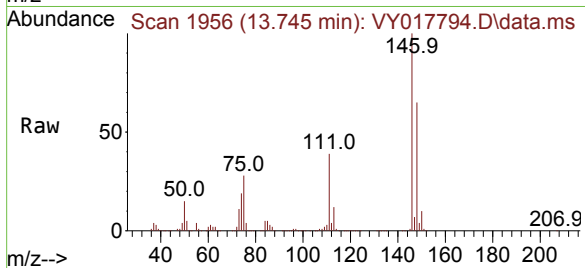
Tgt Ion:146 Resp: 484985

Ion Ratio Lower Upper

146 100

111 39.5 19.9 59.7

148 63.5 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 105.332 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VY017794.D

Acq: 29 Mar 2024 16:19

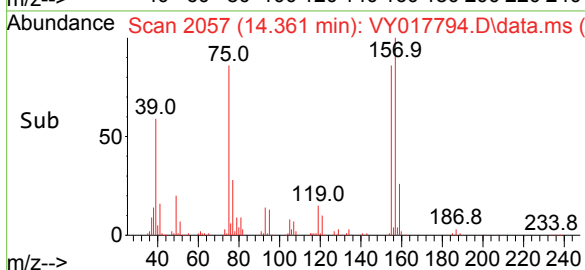
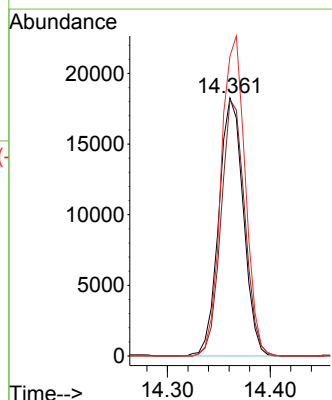
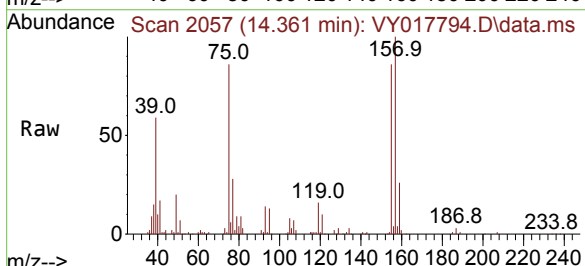
Tgt Ion: 75 Resp: 30240

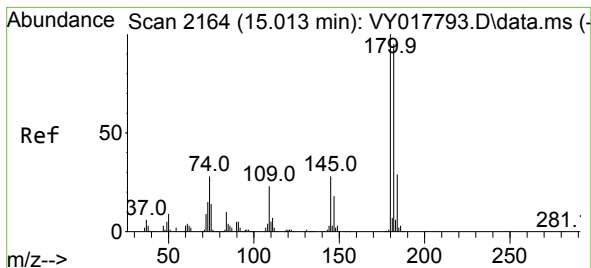
Ion Ratio Lower Upper

75 100

155 95.7 48.6 145.8

157 121.4 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 106.712 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017794.D

Acq: 29 Mar 2024 16:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

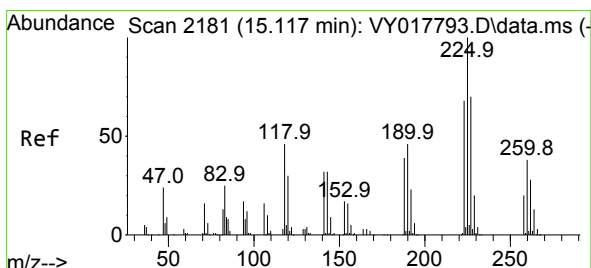
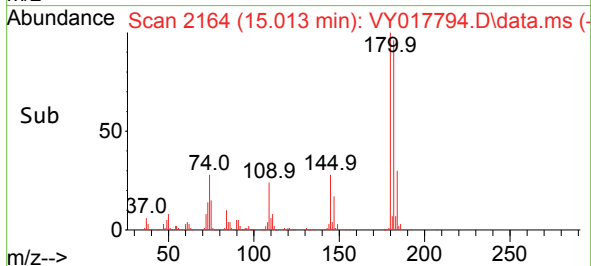
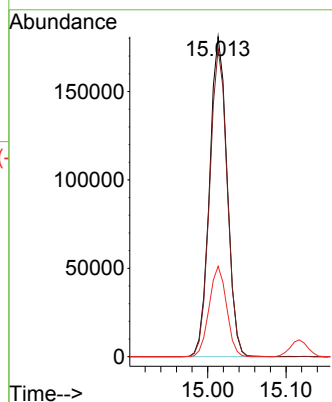
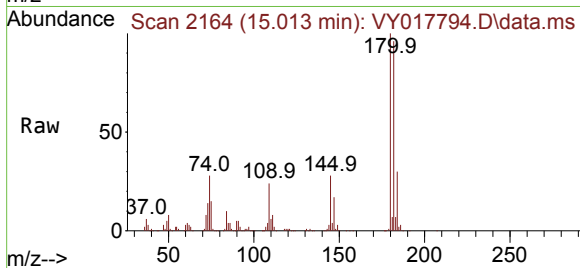
Tgt Ion:180 Resp: 281208

Ion Ratio Lower Upper

180 100

182 96.1 47.9 143.8

145 28.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 95.857 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017794.D

Acq: 29 Mar 2024 16:19

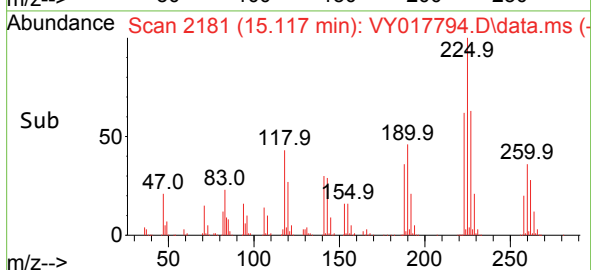
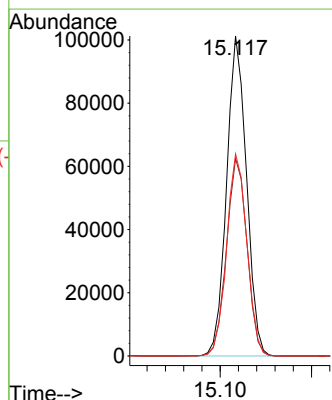
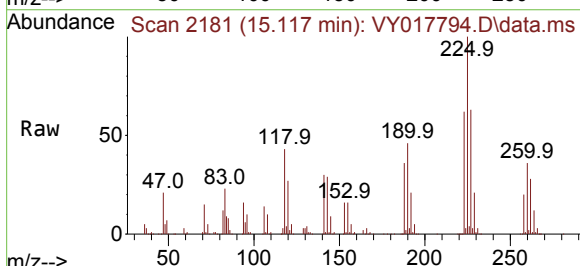
Tgt Ion:225 Resp: 153130

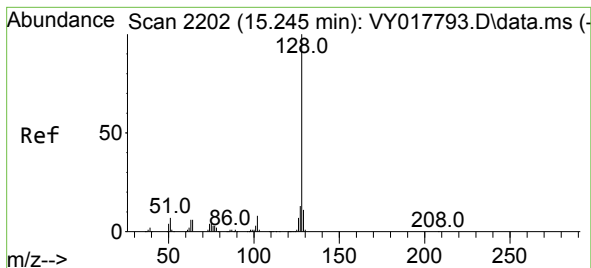
Ion Ratio Lower Upper

225 100

223 63.6 30.4 91.2

227 64.2 31.9 95.9





#95

Naphthalene

Concen: 101.508 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY017794.D

Acq: 29 Mar 2024 16:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

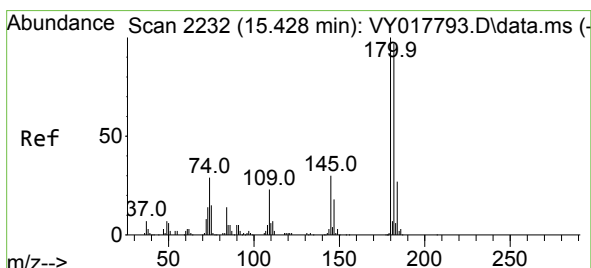
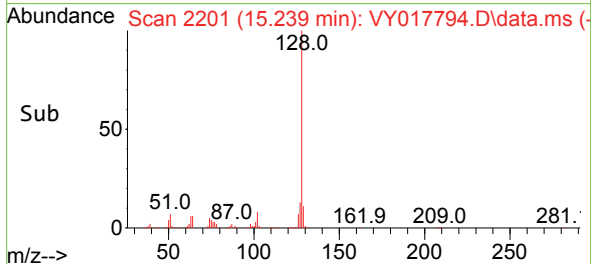
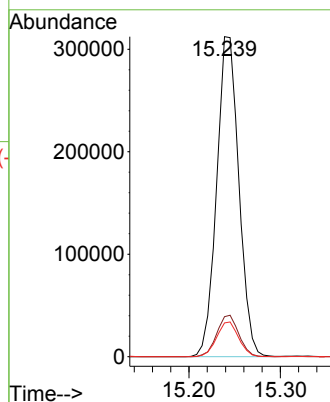
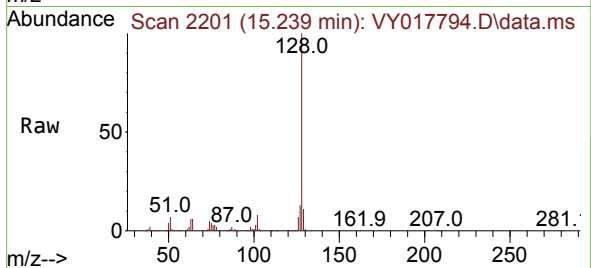
Tgt Ion:128 Resp: 527047

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 108.795 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY017794.D

Acq: 29 Mar 2024 16:19

Tgt Ion:180 Resp: 242175

Ion Ratio Lower Upper

180 100

182 94.1 47.6 142.9

145 29.3 15.4 46.1

