

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
 Data File : VY021399.D
 Acq On : 04 Mar 2025 10:30
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Mar 05 02:59:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 02:30:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	235140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	360221	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	321260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	162486	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	113391	45.625	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.240%
35) Dibromofluoromethane	7.640	113	106487	44.973	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.940%
50) Toluene-d8	10.109	98	408759	45.594	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.180%
62) 4-Bromofluorobenzene	12.407	95	139117	45.618	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.240%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	105206	48.756	ug/l	100
3) Chloromethane	2.074	50	145113	47.700	ug/l	100
4) Vinyl Chloride	2.208	62	162385	48.845	ug/l	100
5) Bromomethane	2.604	94	110008	45.784	ug/l	100
6) Chloroethane	2.738	64	108266	49.279	ug/l	100
7) Trichlorofluoromethane	3.067	101	227308	48.986	ug/l	100
8) Diethyl Ether	3.458	74	66509	51.720	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.830	101	126512	47.753	ug/l	100
10) Methyl Iodide	4.012	142	148683	55.210	ug/l	100
11) Tert butyl alcohol	4.872	59	44476	277.793	ug/l	100
12) 1,1-Dichloroethene	3.799	96	118986	49.262	ug/l	100
13) Acrolein	3.665	56	5354	42.354	ug/l	100
14) Allyl chloride	4.397	41	197932	50.708	ug/l	100
15) Acrylonitrile	5.067	53	146888	268.329	ug/l	100
16) Acetone	3.872	43	157979	291.440	ug/l	100
17) Carbon Disulfide	4.116	76	383514	50.664	ug/l	100
18) Methyl Acetate	4.390	43	66880	55.606	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	321178	52.463	ug/l	100
20) Methylene Chloride	4.622	84	129715	45.588	ug/l	100
21) trans-1,2-Dichloroethene	5.128	96	132731	49.068	ug/l	100
22) Diisopropyl ether	6.024	45	435305	51.747	ug/l	100
23) Vinyl Acetate	5.969	43	1305446	271.918	ug/l	100
24) 1,1-Dichloroethane	5.927	63	247003	49.750	ug/l	100
25) 2-Butanone	6.896	43	212274	283.093	ug/l	100
26) 2,2-Dichloropropane	6.890	77	220625	48.295	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	153891	50.078	ug/l	100
28) Bromochloromethane	7.250	49	109912	52.805	ug/l	100
29) Tetrahydrofuran	7.268	42	129976	280.779	ug/l	100
30) Chloroform	7.426	83	255675	49.593	ug/l	100
31) Cyclohexane	7.707	56	221181	47.519	ug/l	100
32) 1,1,1-Trichloroethane	7.622	97	230018	48.727	ug/l	100
36) 1,1-Dichloropropene	7.841	75	186577	50.340	ug/l	100
37) Ethyl Acetate	6.988	43	89317	53.423	ug/l	100
38) Carbon Tetrachloride	7.823	117	211310	49.573	ug/l	100
39) Methylcyclohexane	9.115	83	234520	51.585	ug/l	100
40) Benzene	8.085	78	555364	50.867	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	47147	51.774	ug/l	100
42) 1,2-Dichloroethane	8.164	62	157205	51.469	ug/l	100
43) Isopropyl Acetate	8.201	43	173913	54.689	ug/l	100
44) Trichloroethene	8.871	130	137378	49.793	ug/l	100
45) 1,2-Dichloropropane	9.146	63	132392	50.949	ug/l	100
46) Dibromomethane	9.237	93	76517	52.923	ug/l	100
47) Bromodichloromethane	9.426	83	197243	51.370	ug/l	100
48) Methyl methacrylate	9.225	41	82355	55.853	ug/l	100
49) 1,4-Dioxane	9.231	88	16238	1144.224	ug/l	100
51) 4-Methyl-2-Pentanone	9.999	43	472885	288.203	ug/l	100
52) Toluene	10.176	92	356029	51.723	ug/l	100
53) t-1,3-Dichloropropene	10.395	75	179810	53.154	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	211622	52.691	ug/l	100
55) 1,1,2-Trichloroethane	10.572	97	101913	53.886	ug/l	100
56) Ethyl methacrylate	10.444	69	137939	57.187	ug/l	100
57) 1,3-Dichloropropane	10.719	76	172259	52.551	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	313349	281.418	ug/l	100
59) 2-Hexanone	10.761	43	327200	301.583	ug/l	100
60) Dibromochloromethane	10.914	129	135595	52.296	ug/l	100
61) 1,2-Dibromoethane	11.017	107	94280	52.819	ug/l	100
64) Tetrachloroethene	10.652	164	129562	49.596	ug/l	100
65) Chlorobenzene	11.444	112	381086	50.233	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	135273	50.434	ug/l	100
67) Ethyl Benzene	11.523	91	685789	51.502	ug/l	100
68) m/p-Xylenes	11.633	106	528037	104.452	ug/l	100
69) o-Xylene	11.956	106	243863	52.341	ug/l	100
70) Styrene	11.974	104	410178	53.068	ug/l	100
71) Bromoform	12.133	173	80342	53.584	ug/l	100
73) Isopropylbenzene	12.255	105	655492	51.212	ug/l	100
74) N-amyl acetate	12.072	43	154403	55.547	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.511	83	118077	52.277	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	156774	95.749	ug/l #	100
77) Bromobenzene	12.535	156	150460	50.247	ug/l	100
78) n-propylbenzene	12.596	91	797005	51.272	ug/l	100
79) 2-Chlorotoluene	12.682	91	445409	50.112	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	528974	50.855	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	38697	53.727	ug/l	100
82) 4-Chlorotoluene	12.779	91	462879	50.291	ug/l	100
83) tert-Butylbenzene	12.999	119	475042	51.194	ug/l	100
84) 1,2,4-Trimethylbenzene	13.047	105	531919	51.505	ug/l	100
85) sec-Butylbenzene	13.175	105	708040	51.284	ug/l	100
86) p-Isopropyltoluene	13.297	119	583517	51.302	ug/l	100
87) 1,3-Dichlorobenzene	13.291	146	294406	49.392	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	289572	49.675	ug/l	100
89) n-Butylbenzene	13.620	91	550274	52.392	ug/l	100
90) Hexachloroethane	13.883	117	118465	48.822	ug/l	100
91) 1,2-Dichlorobenzene	13.663	146	258078	50.517	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	17568	51.924	ug/l	100
93) 1,2,4-Trichlorobenzene	14.925	180	147587	52.891	ug/l	100
94) Hexachlorobutadiene	15.029	225	89592	51.220	ug/l	100
95) Naphthalene	15.151	128	256660	53.894	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	125962	53.673	ug/l	100

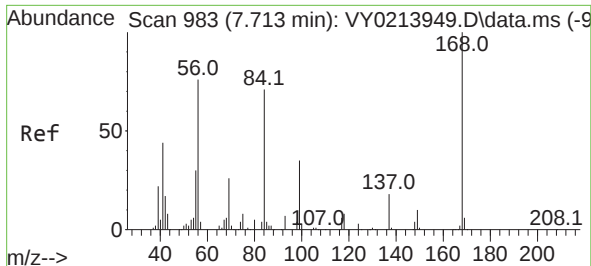
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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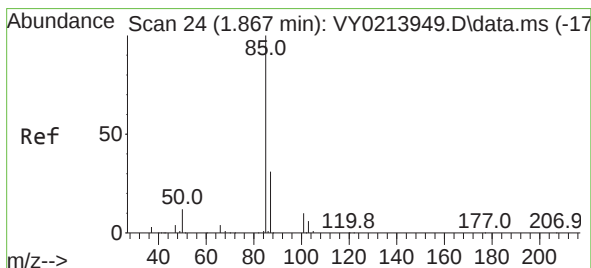
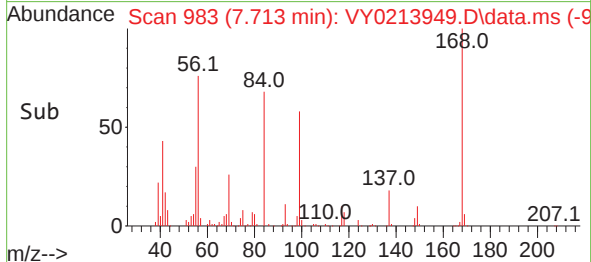
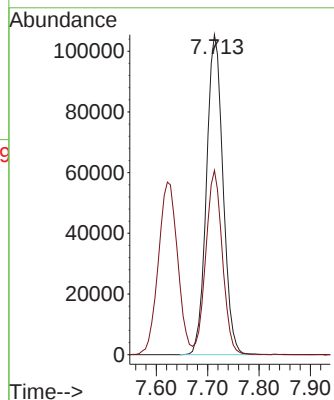
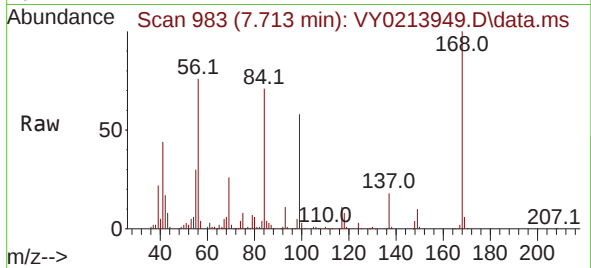
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

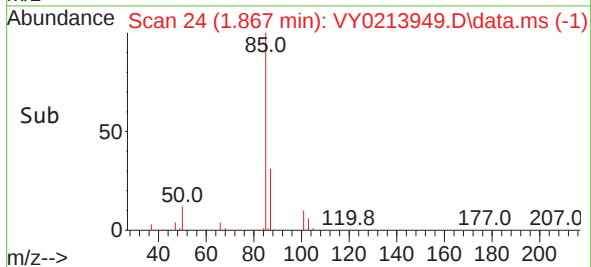
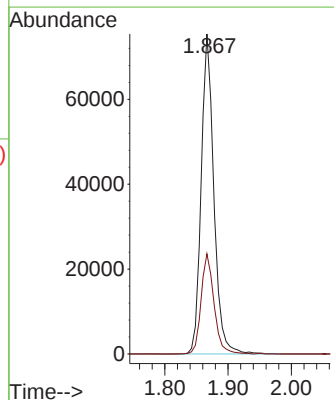
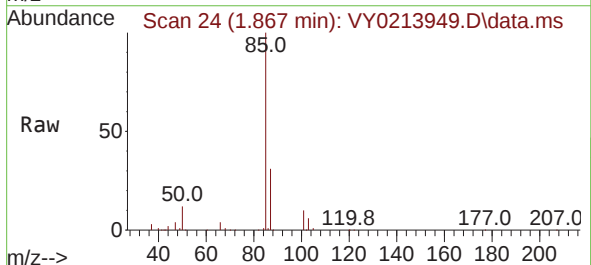
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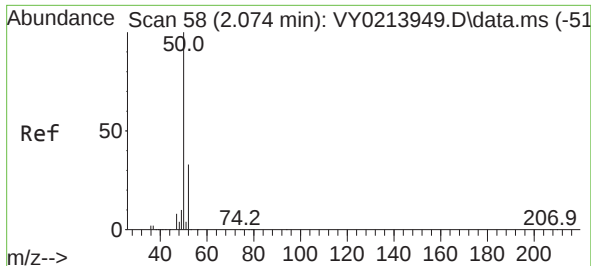
Tgt Ion:168 Resp: 235140
Ion Ratio Lower Upper
168 100
99 57.5 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 48.756 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

Tgt Ion: 85 Resp: 105206
Ion Ratio Lower Upper
85 100
87 31.3 15.7 47.0

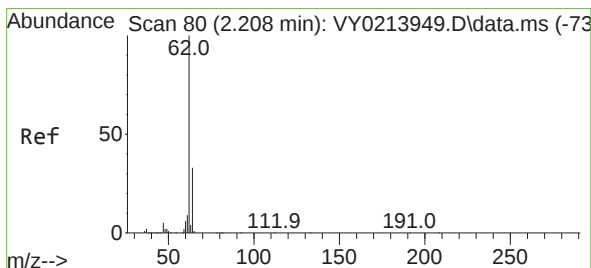
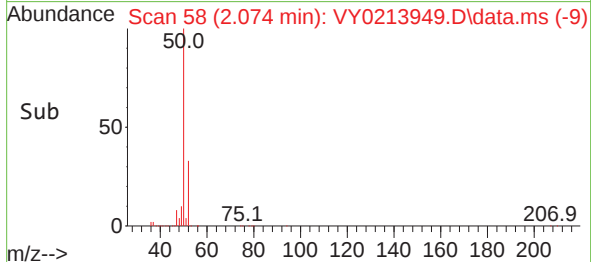
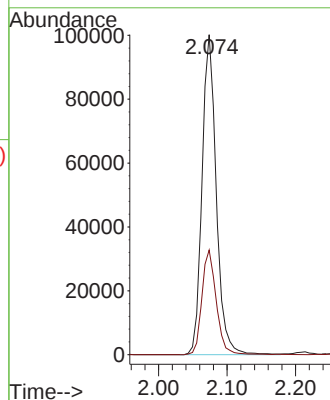
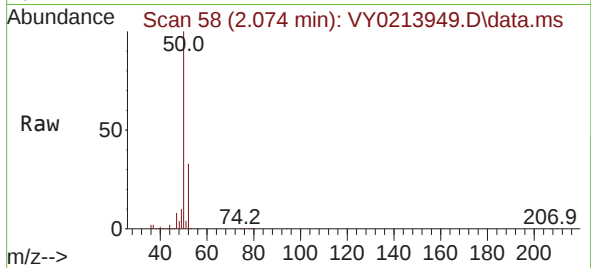




#3
Chloromethane
Concen: 47.700 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

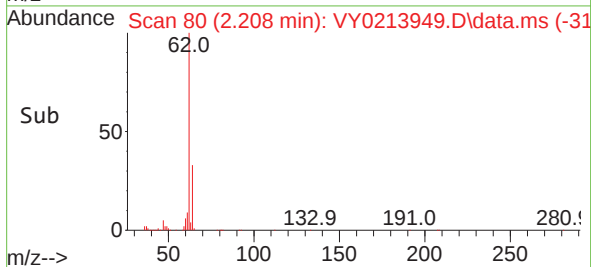
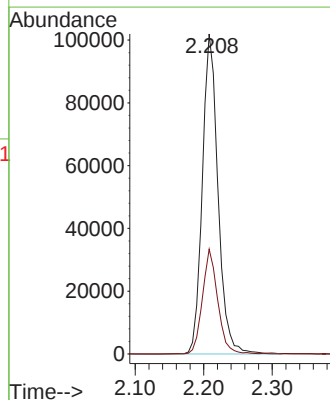
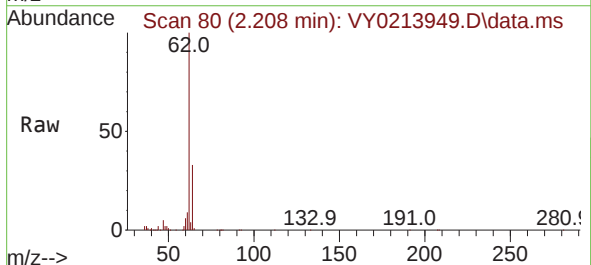
Instrument :
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ClientSampleId :
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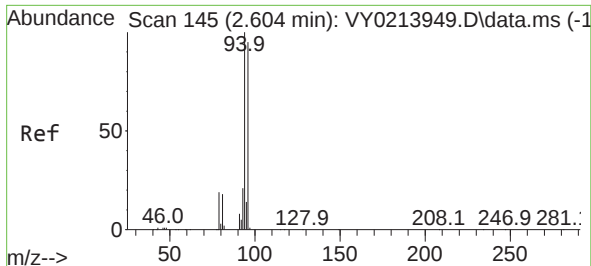
Tgt Ion: 50 Resp: 145113
Ion Ratio Lower Upper
50 100
52 32.7 26.2 39.2



#4
Vinyl Chloride
Concen: 48.845 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

Tgt Ion: 62 Resp: 162385
Ion Ratio Lower Upper
62 100
64 32.7 26.2 39.2

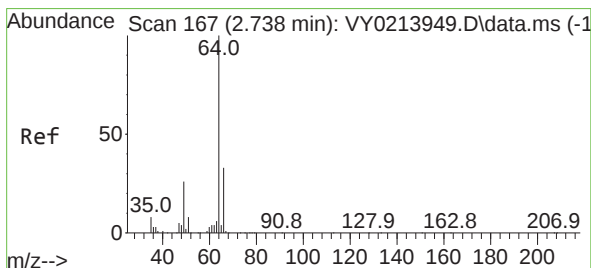
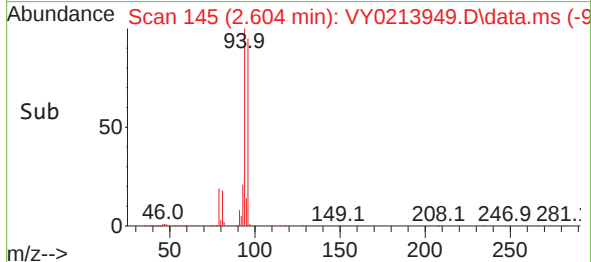
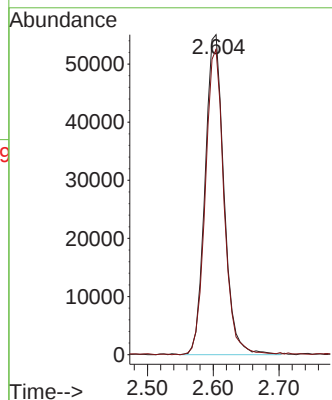
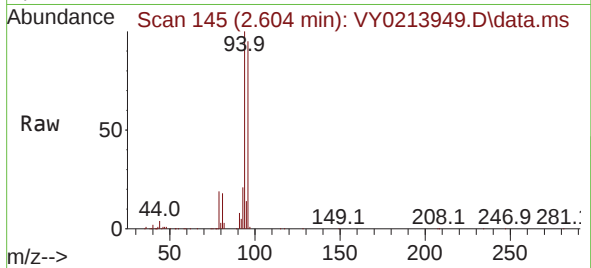




#5
Bromomethane
Concen: 45.784 ug/l
RT: 2.604 min Scan# 145
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

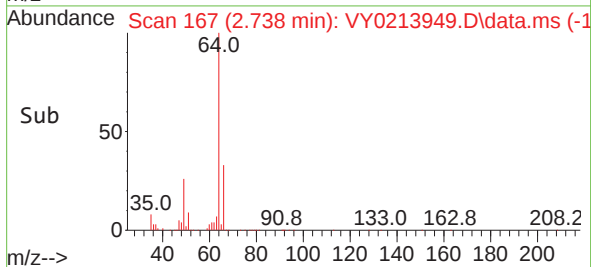
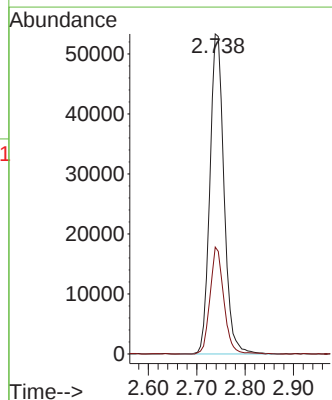
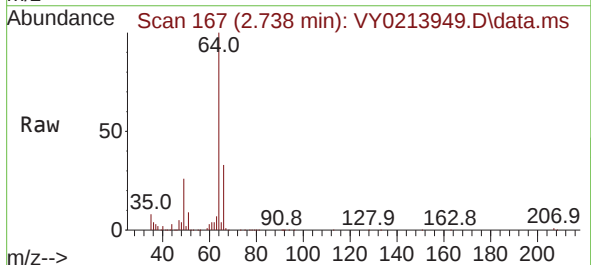
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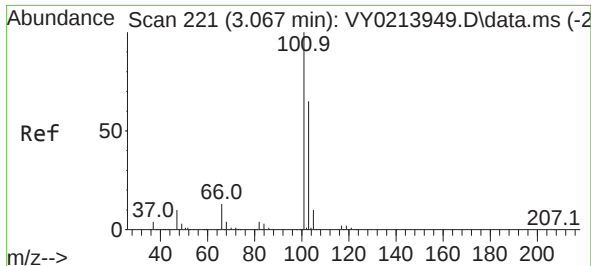
Tgt Ion: 94 Resp: 110008
Ion Ratio Lower Upper
94 100
96 95.4 76.3 114.5



#6
Chloroethane
Concen: 49.279 ug/l
RT: 2.738 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

Tgt Ion: 64 Resp: 108266
Ion Ratio Lower Upper
64 100
66 33.4 26.7 40.1

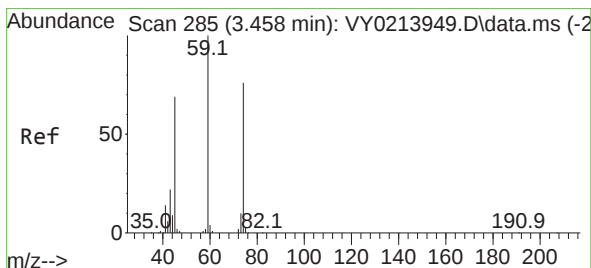
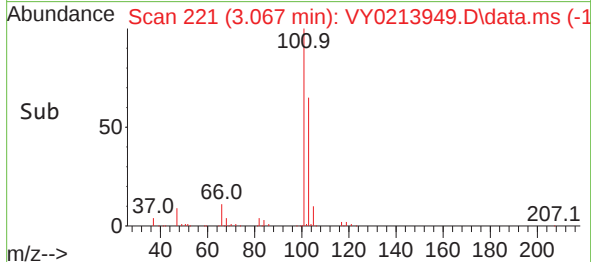
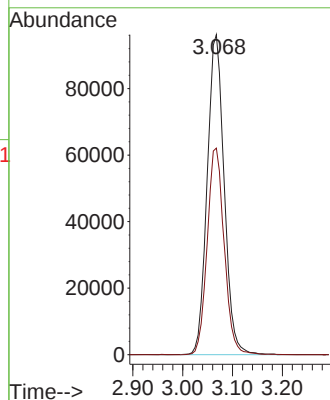
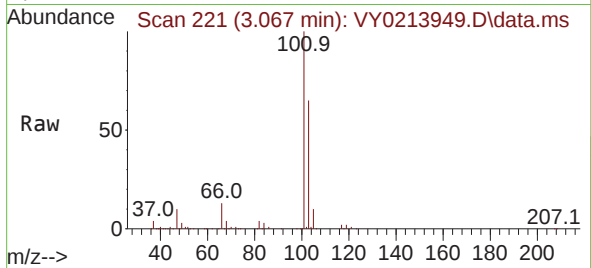




#7
Trichlorofluoromethane
Concen: 48.986 ug/l
RT: 3.067 min Scan# 211
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

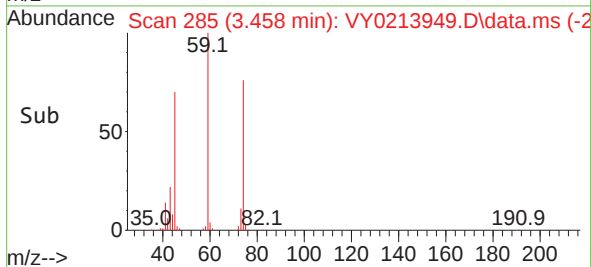
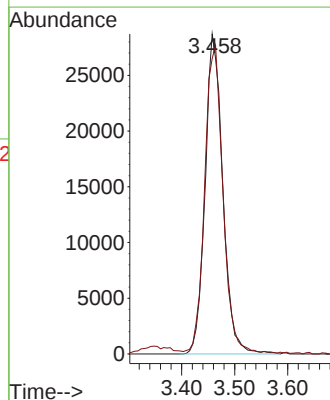
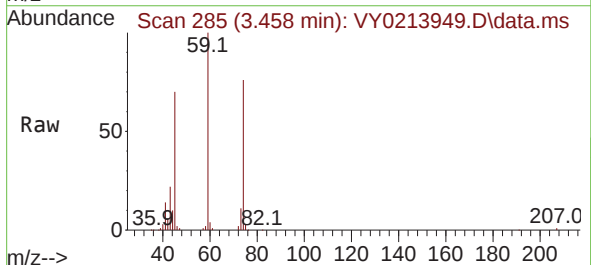
Instrument :
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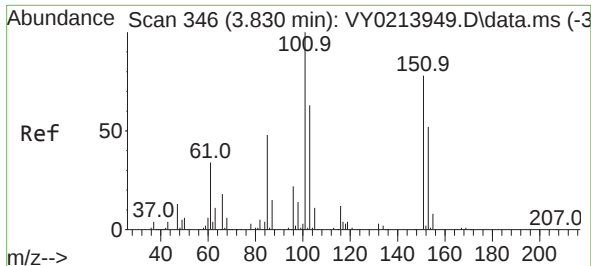
Tgt Ion:101 Resp: 227308
Ion Ratio Lower Upper
101 100
103 64.6 51.7 77.5



#8
Diethyl Ether
Concen: 51.720 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

Tgt Ion: 74 Resp: 66509
Ion Ratio Lower Upper
74 100
45 99.4 49.7 149.1

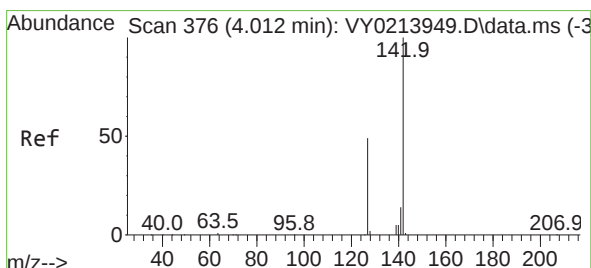
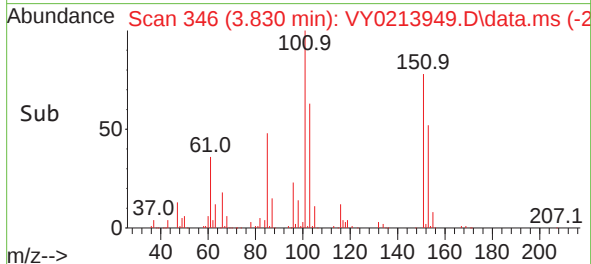
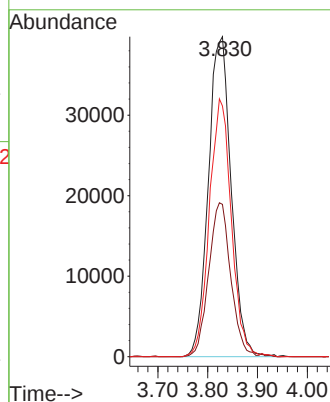
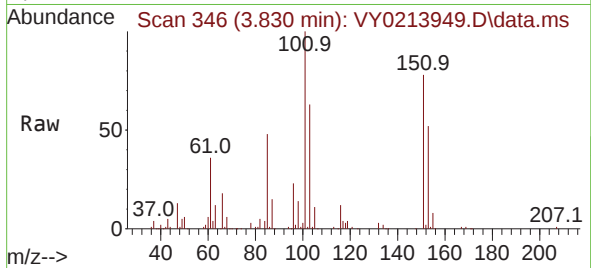




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.753 ug/l
RT: 3.830 min Scan# 346
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

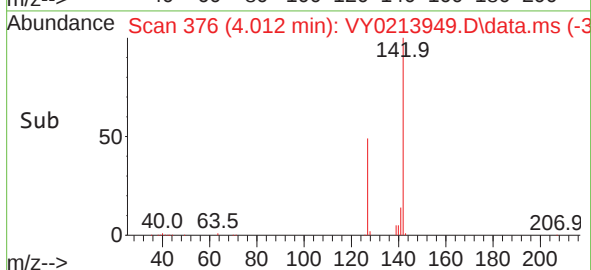
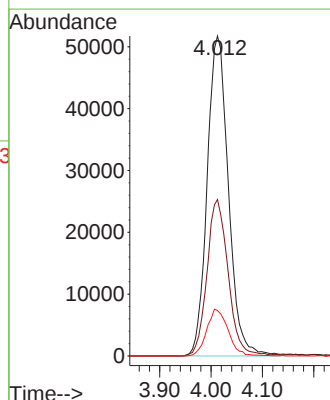
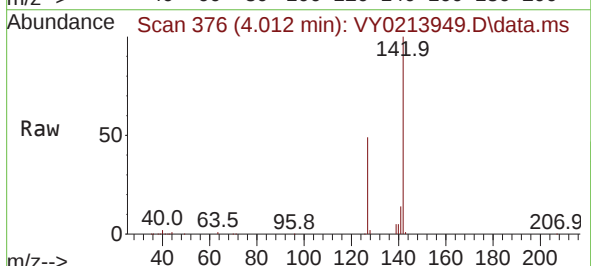
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

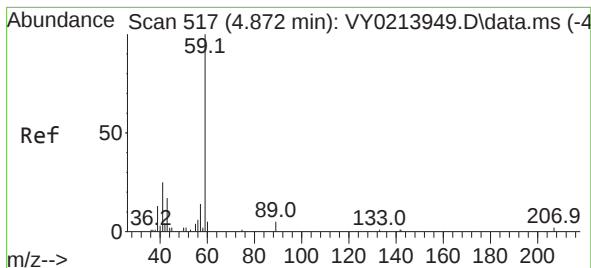
Tgt Ion:101 Resp: 126512
Ion Ratio Lower Upper
101 100
85 46.4 37.1 55.7
151 77.6 62.1 93.1



#10
Methyl Iodide
Concen: 55.210 ug/l
RT: 4.012 min Scan# 376
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

Tgt Ion:142 Resp: 148683
Ion Ratio Lower Upper
142 100
127 48.9 39.1 58.7
141 14.7 11.8 17.6





#11

Tert butyl alcohol

Concen: 277.793 ug/l

RT: 4.872 min Scan# 517

Delta R.T. 0.000 min

Lab File: VY0213949.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

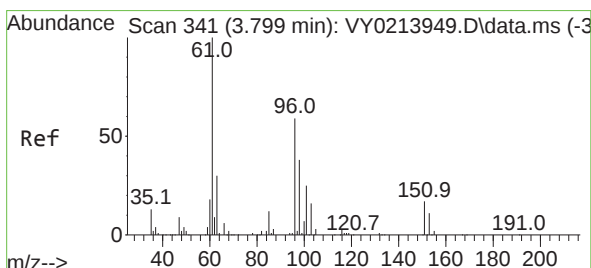
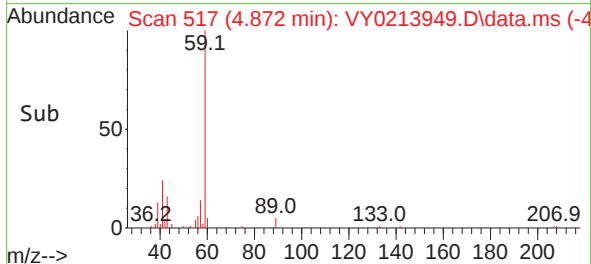
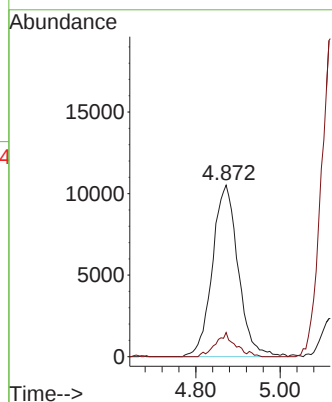
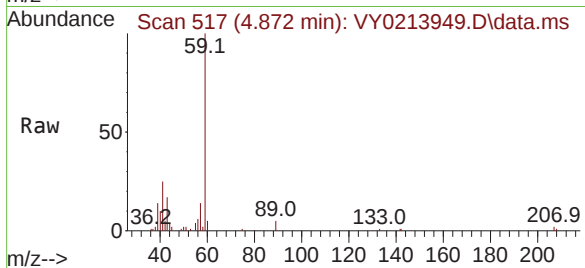
VSTDICCC050

Tgt Ion: 59 Resp: 44476

Ion Ratio Lower Upper

59 100

57 10.3 8.2 12.4



#12

1,1-Dichloroethene

Concen: 49.262 ug/l

RT: 3.799 min Scan# 341

Delta R.T. 0.000 min

Lab File: VY0213949.D

Acq: 04 Mar 2025 10:30

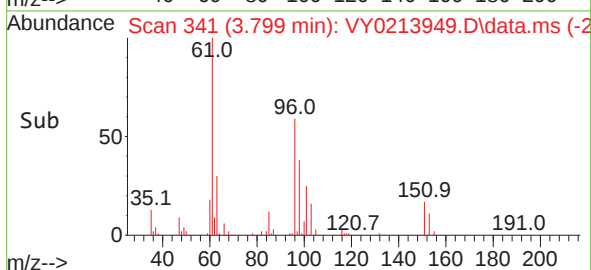
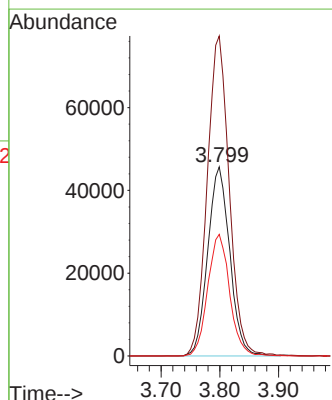
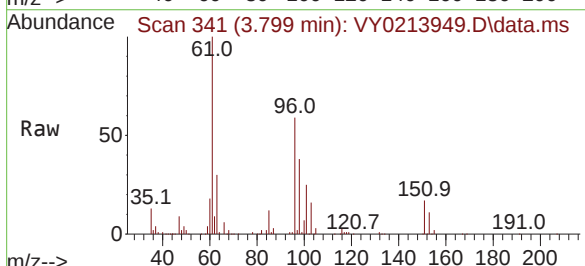
Tgt Ion: 96 Resp: 118986

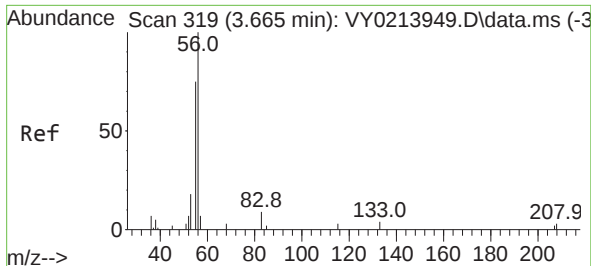
Ion Ratio Lower Upper

96 100

61 169.0 135.2 202.8

98 64.3 51.4 77.2

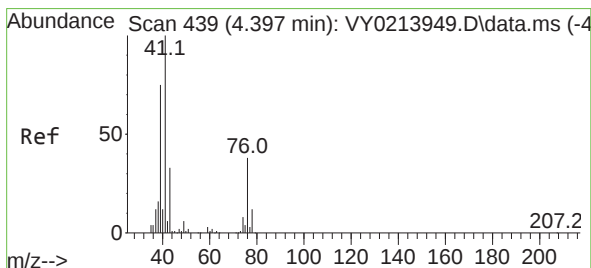
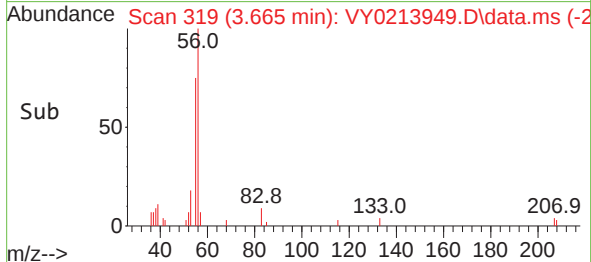
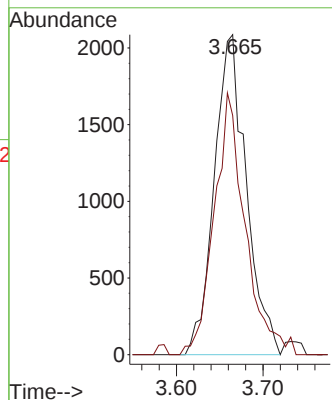
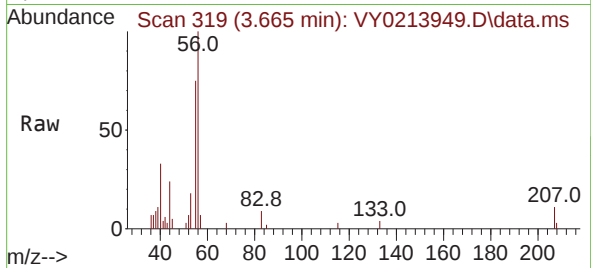




#13
Acrolein
Concen: 42.354 ug/l
RT: 3.665 min Scan# 319
Delta R.T. -0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

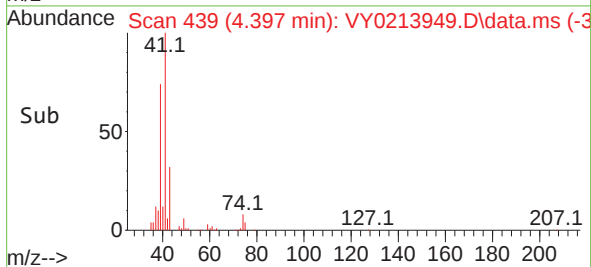
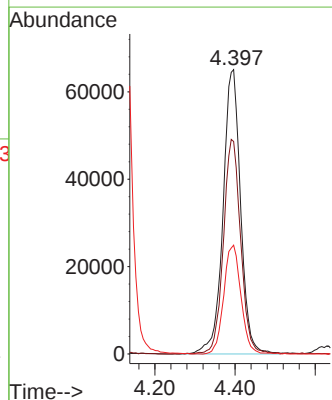
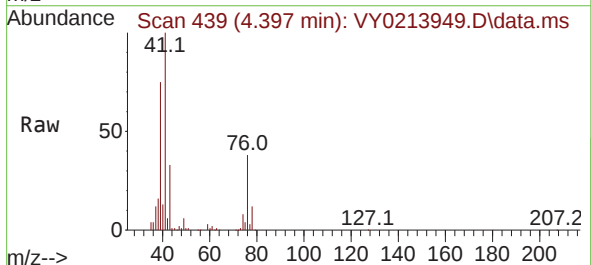
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

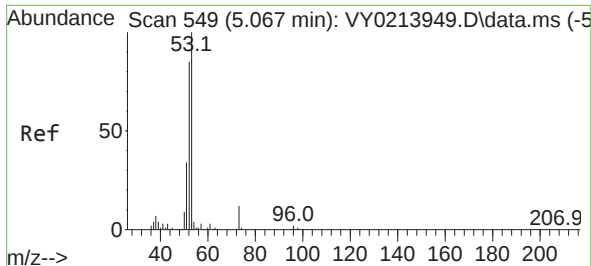
Tgt Ion: 56 Resp: 5354
Ion Ratio Lower Upper
56 100
55 79.3 63.4 95.2



#14
Allyl chloride
Concen: 50.708 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

Tgt Ion: 41 Resp: 197932
Ion Ratio Lower Upper
41 100
39 74.1 59.3 88.9
76 37.3 29.8 44.8

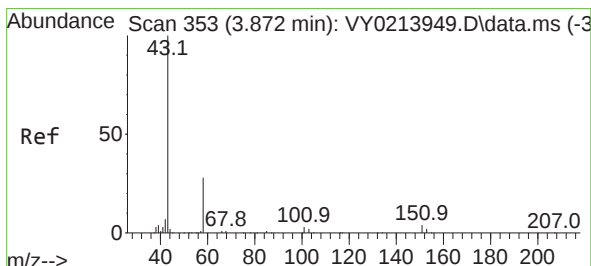
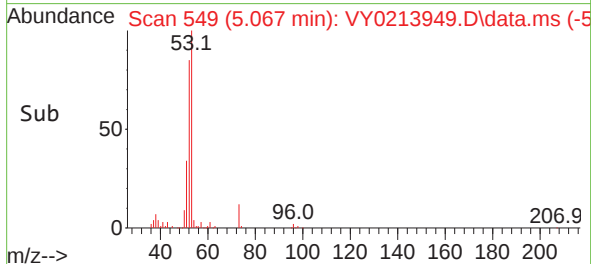
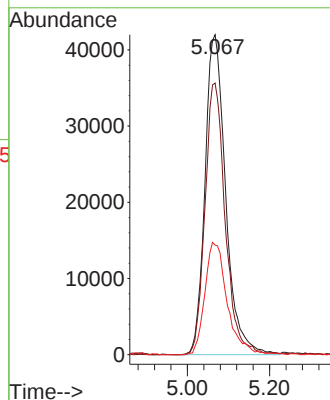
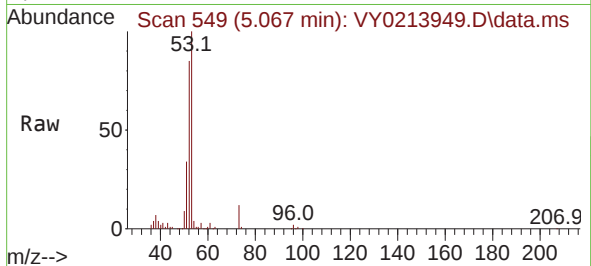




#15
Acrylonitrile
Concen: 268.329 ug/l
RT: 5.067 min Scan# 549
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

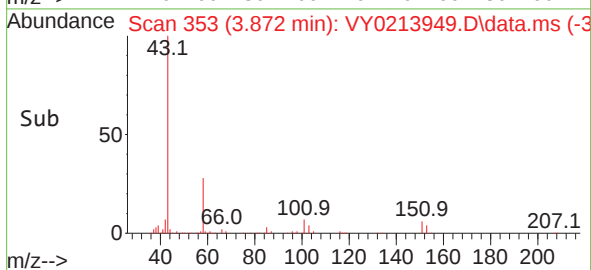
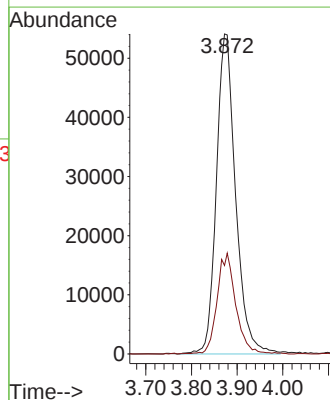
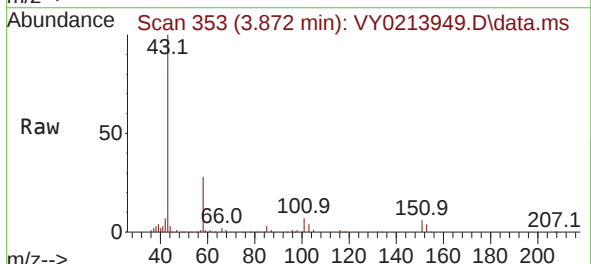
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

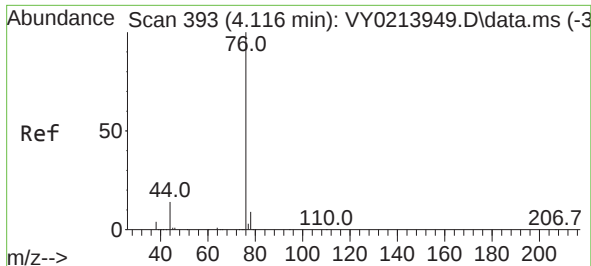
Tgt Ion: 53 Resp: 146888
Ion Ratio Lower Upper
53 100
52 82.9 66.3 99.5
51 37.9 30.3 45.5



#16
Acetone
Concen: 291.440 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

Tgt Ion: 43 Resp: 157979
Ion Ratio Lower Upper
43 100
58 27.6 22.1 33.1

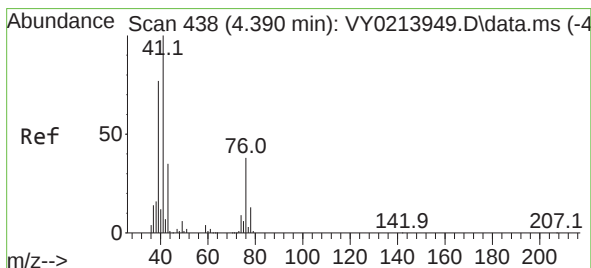
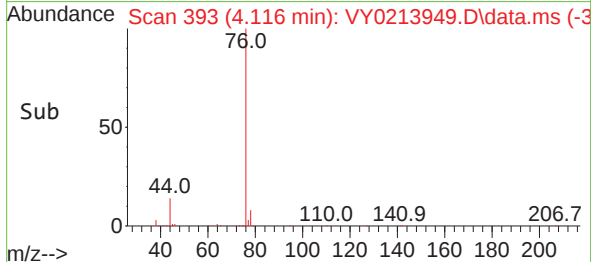
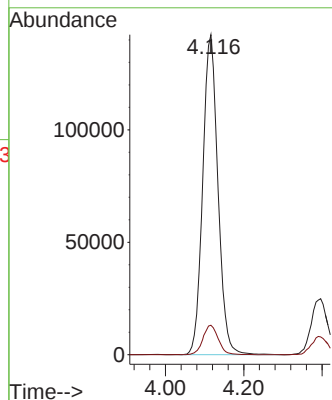
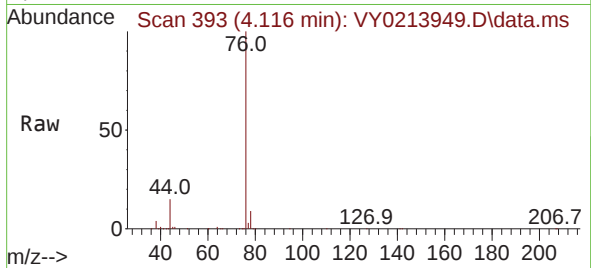




#17
Carbon Disulfide
Concen: 50.664 ug/l
RT: 4.116 min Scan# 393
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

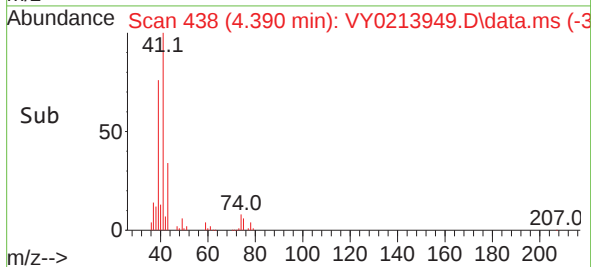
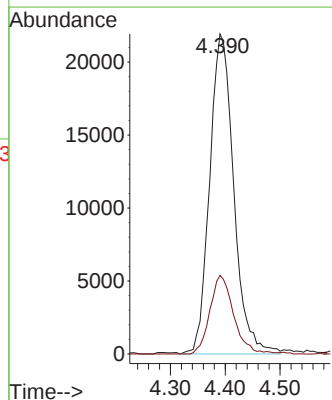
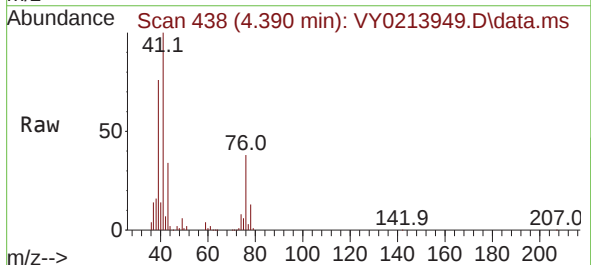
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

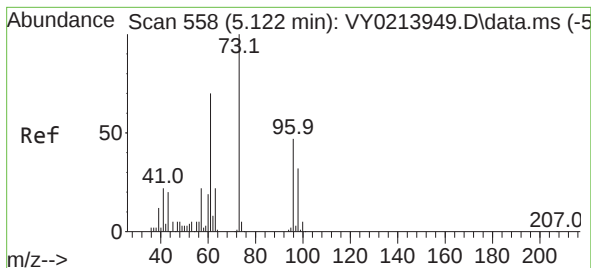
Tgt Ion: 76 Resp: 383514
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 55.606 ug/l
RT: 4.390 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

Tgt Ion: 43 Resp: 66880
Ion Ratio Lower Upper
43 100
74 24.2 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 52.463 ug/l

RT: 5.122 min Scan# 5

Delta R.T. 0.000 min

Lab File: VY0213949.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

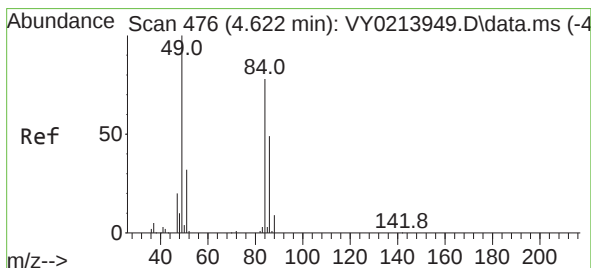
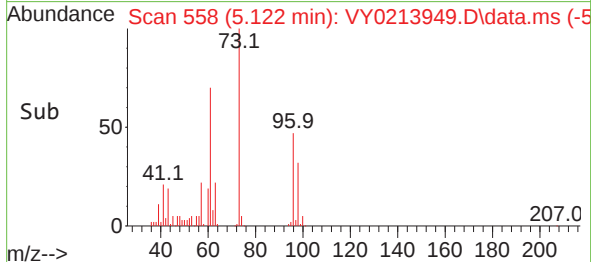
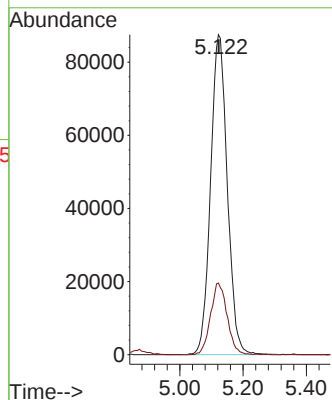
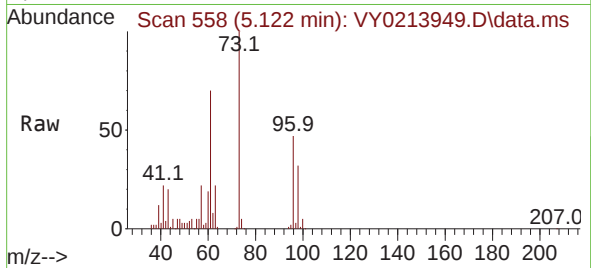
VSTDICCC050

Tgt Ion: 73 Resp: 321178

Ion Ratio Lower Upper

73 100

57 22.4 17.9 26.9



#20

Methylene Chloride

Concen: 45.588 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.000 min

Lab File: VY0213949.D

Acq: 04 Mar 2025 10:30

Tgt Ion: 84 Resp: 129715

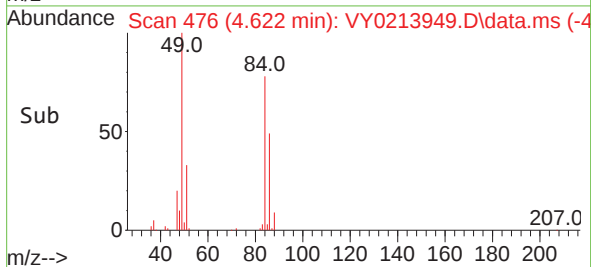
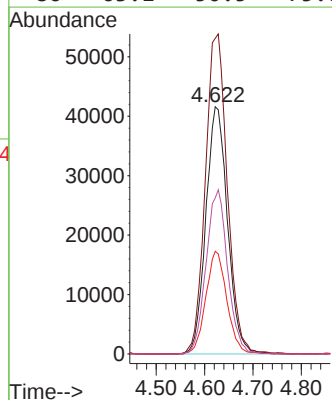
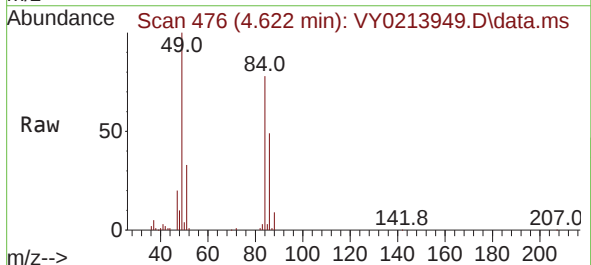
Ion Ratio Lower Upper

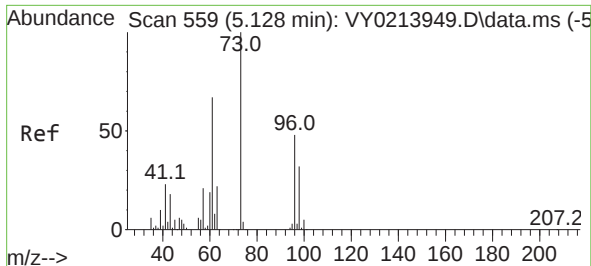
84 100

49 127.5 102.0 153.0

51 41.3 33.0 49.6

86 63.1 50.5 75.7

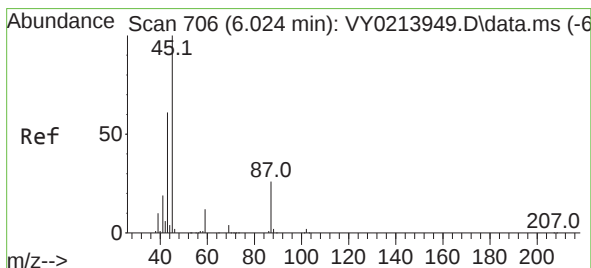
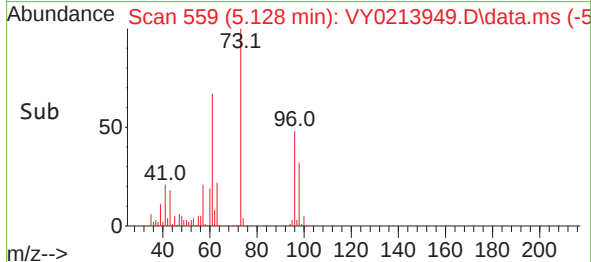
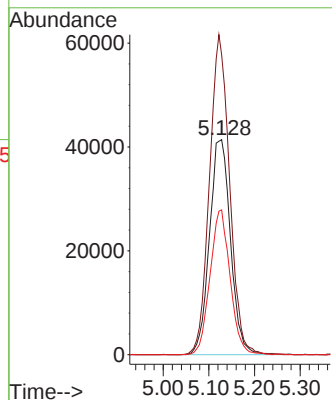
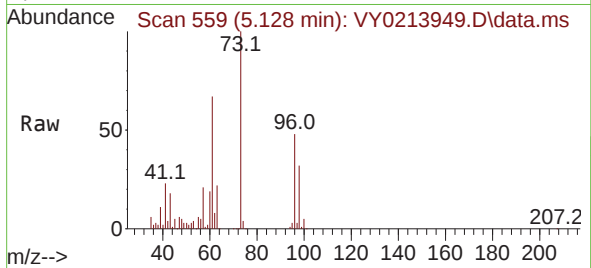




#21
trans-1,2-Dichloroethene
Concen: 49.068 ug/l
RT: 5.128 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

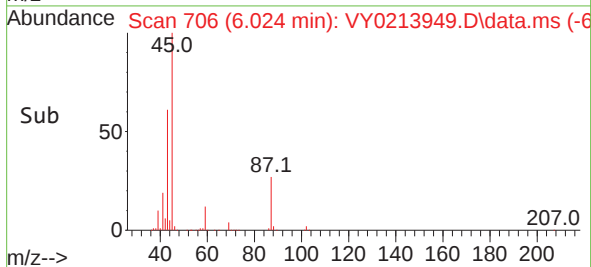
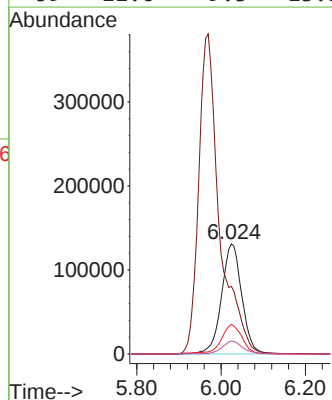
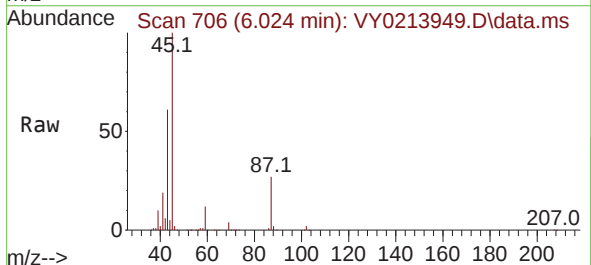
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

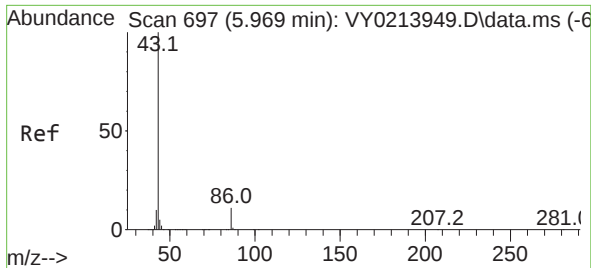
Tgt Ion: 96 Resp: 132731
Ion Ratio Lower Upper
96 100
61 139.4 111.5 167.3
98 67.3 53.8 80.8



#22
Diisopropyl ether
Concen: 51.747 ug/l
RT: 6.024 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

Tgt Ion: 45 Resp: 435305
Ion Ratio Lower Upper
45 100
43 60.9 48.7 73.1
87 26.9 21.5 32.3
59 11.6 9.3 13.9

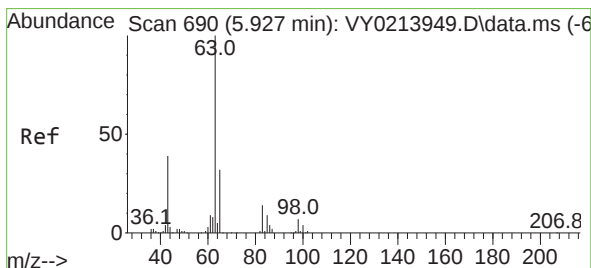
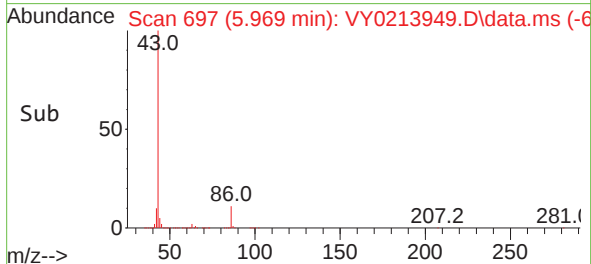
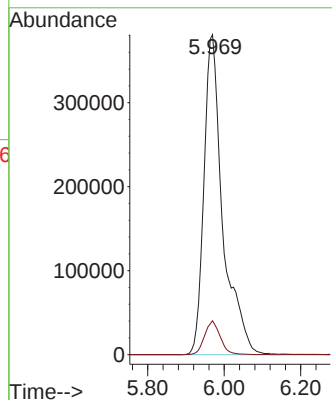
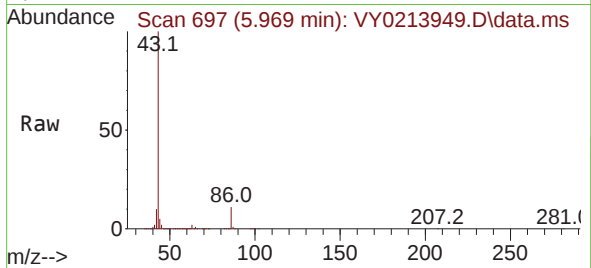




#23
 Vinyl Acetate
 Concen: 271.918 ug/l
 RT: 5.969 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY0213949.D
 Acq: 04 Mar 2025 10:30

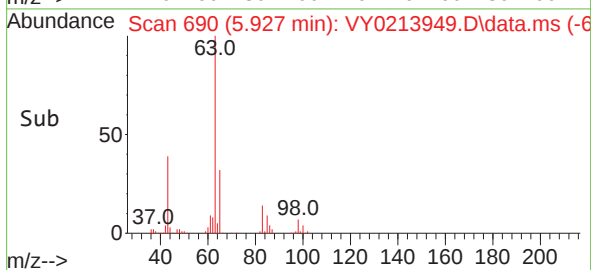
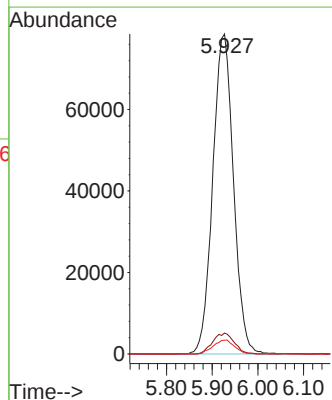
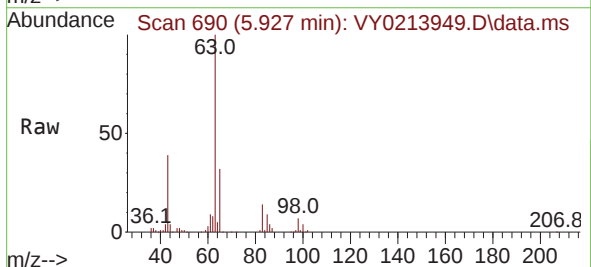
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

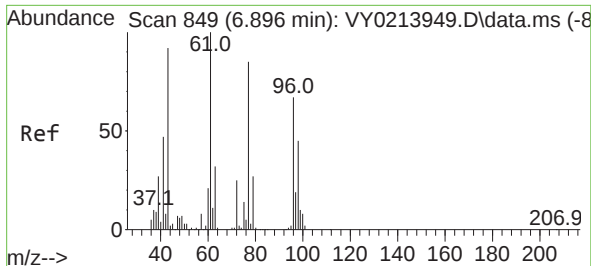
Tgt Ion: 43 Resp: 1305446
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 49.750 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY0213949.D
 Acq: 04 Mar 2025 10:30

Tgt Ion: 63 Resp: 247003
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.9
 100 4.3 2.1 6.5





#25

2-Butanone

Concen: 283.093 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY0213949.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

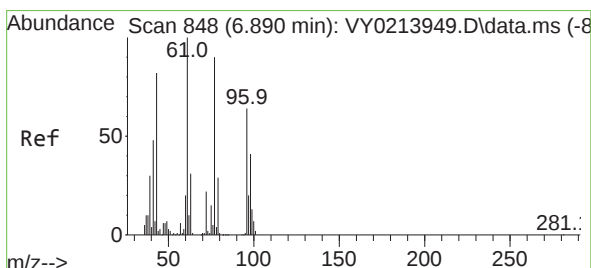
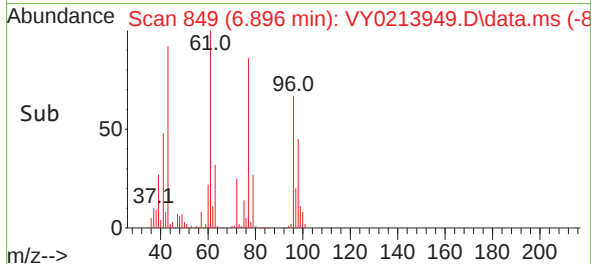
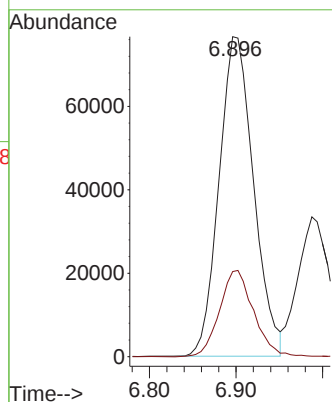
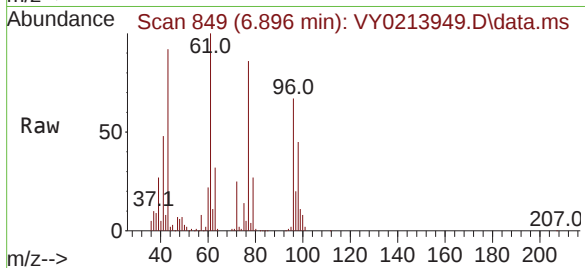
VSTDICCC050

Tgt Ion: 43 Resp: 212274

Ion Ratio Lower Upper

43 100

72 26.7 21.4 32.0



#26

2,2-Dichloropropane

Concen: 48.295 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY0213949.D

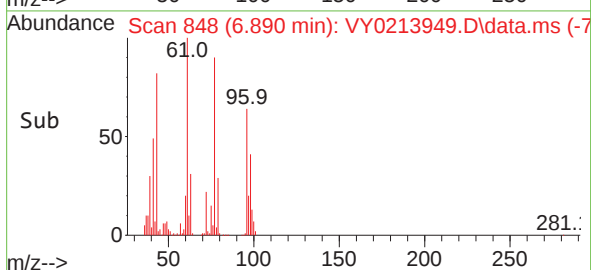
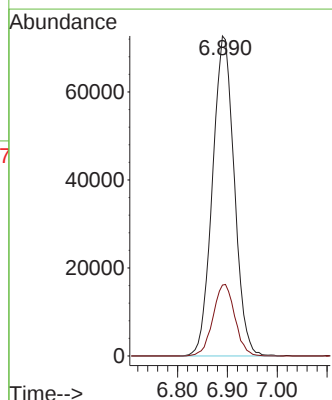
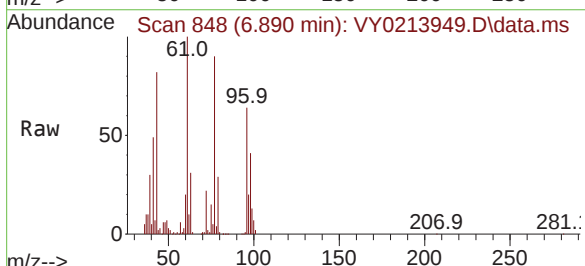
Acq: 04 Mar 2025 10:30

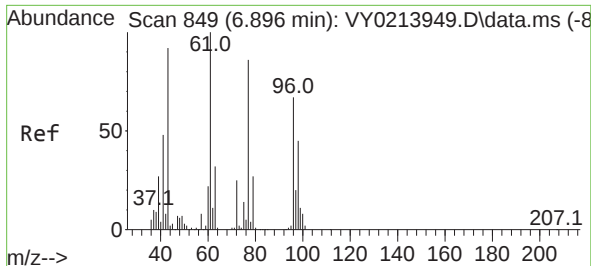
Tgt Ion: 77 Resp: 220625

Ion Ratio Lower Upper

77 100

97 22.5 11.3 33.8

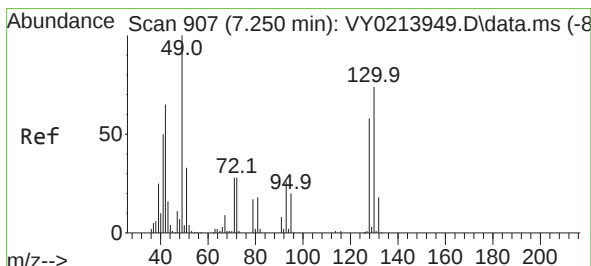
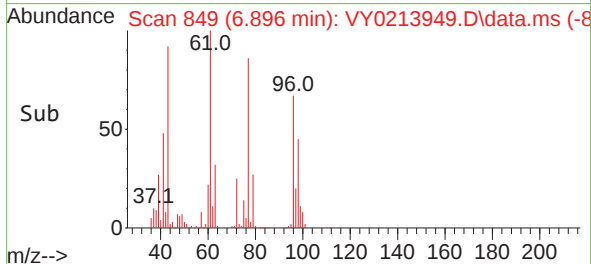
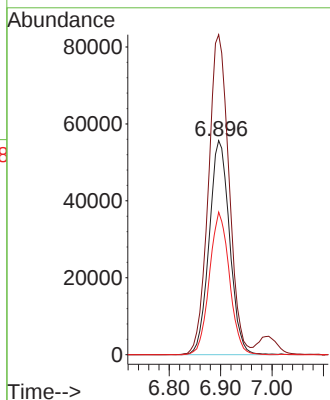
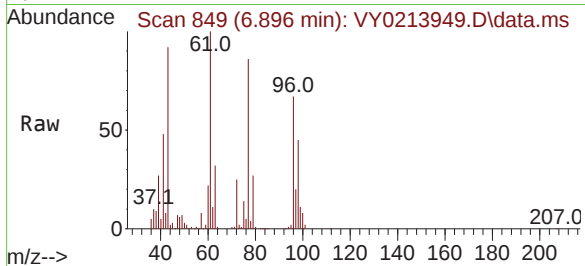




#27
 cis-1,2-Dichloroethene
 Concen: 50.078 ug/l
 RT: 6.896 min Scan# 849
 Delta R.T. 0.000 min
 Lab File: VY0213949.D
 Acq: 04 Mar 2025 10:30

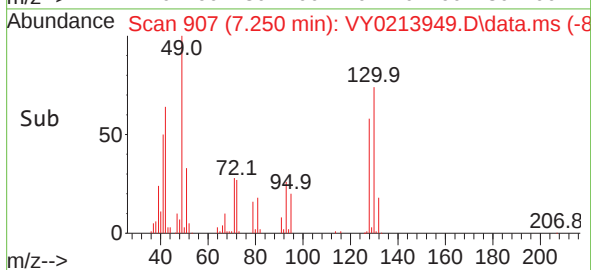
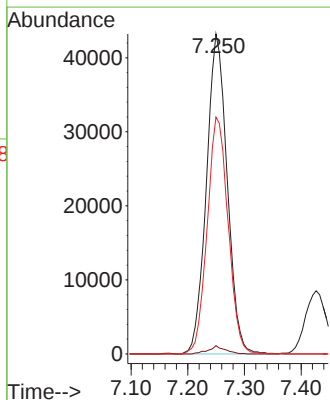
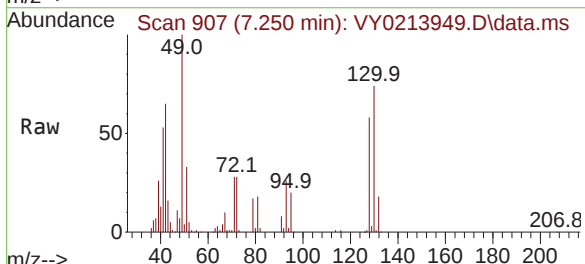
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

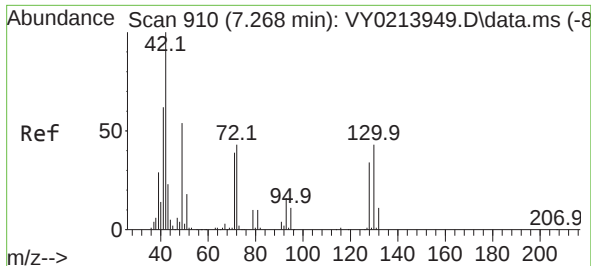
Tgt Ion: 96 Resp: 153891
 Ion Ratio Lower Upper
 96 100
 61 150.4 0.0 300.8
 98 65.0 0.0 130.0



#28
 Bromochloromethane
 Concen: 52.805 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.000 min
 Lab File: VY0213949.D
 Acq: 04 Mar 2025 10:30

Tgt Ion: 49 Resp: 109912
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 74.5 59.6 89.4





#29

Tetrahydrofuran

Concen: 280.779 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.000 min

Lab File: VY0213949.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

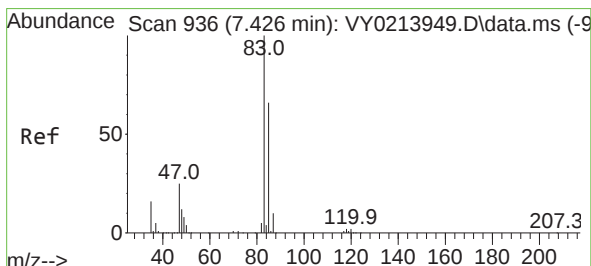
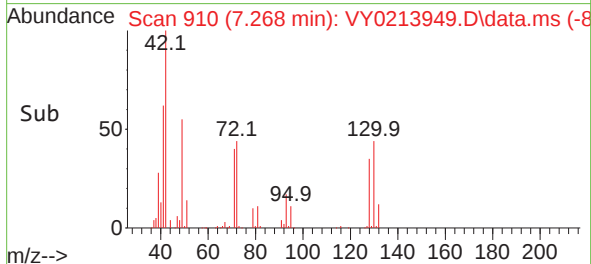
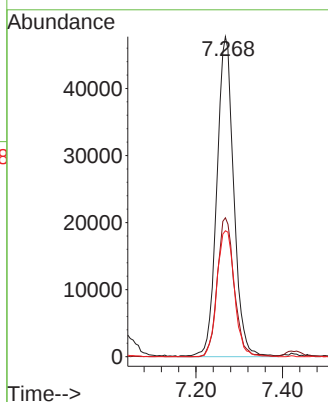
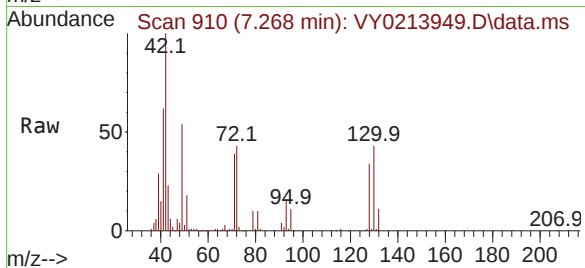
Tgt Ion: 42 Resp: 129976

Ion Ratio Lower Upper

42 100

72 43.5 34.8 52.2

71 40.7 32.6 48.8



#30

Chloroform

Concen: 49.593 ug/l

RT: 7.426 min Scan# 936

Delta R.T. 0.000 min

Lab File: VY0213949.D

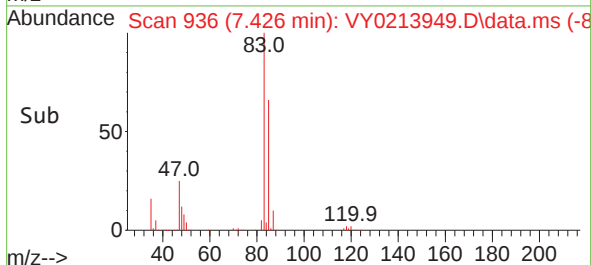
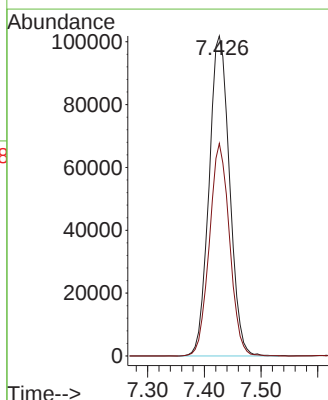
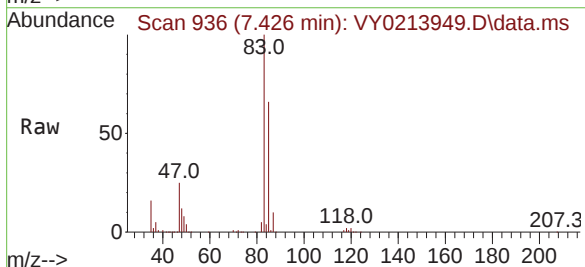
Acq: 04 Mar 2025 10:30

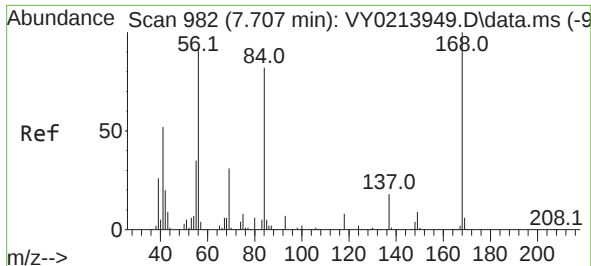
Tgt Ion: 83 Resp: 255675

Ion Ratio Lower Upper

83 100

85 66.4 53.1 79.7





#31

Cyclohexane

Concen: 47.519 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.000 min

Lab File: VY0213949.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

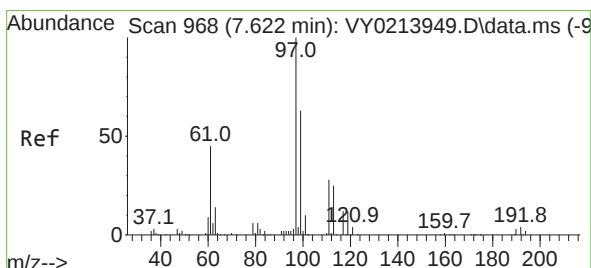
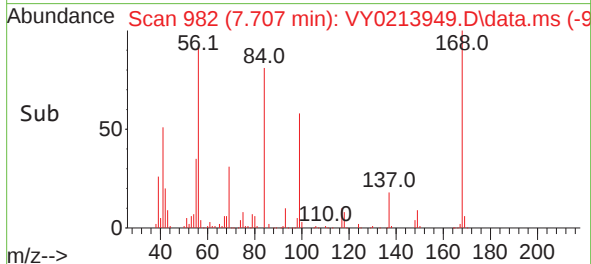
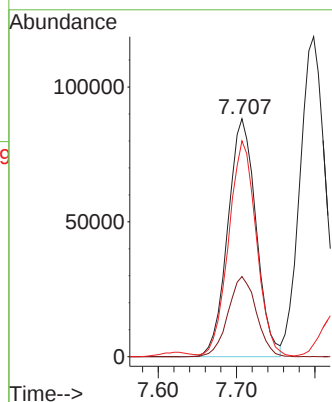
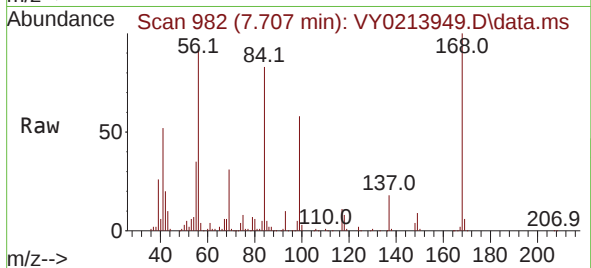
Tgt Ion: 56 Resp: 221181

Ion Ratio Lower Upper

56 100

69 33.7 27.0 40.4

84 88.9 71.1 106.7



#32

1,1,1-Trichloroethane

Concen: 48.727 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY0213949.D

Acq: 04 Mar 2025 10:30

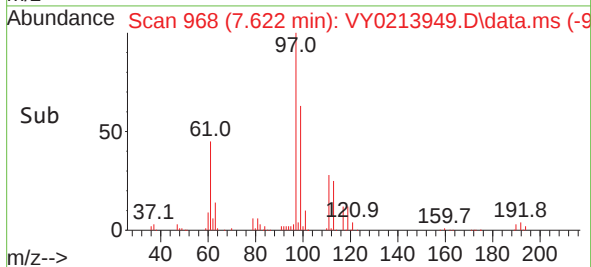
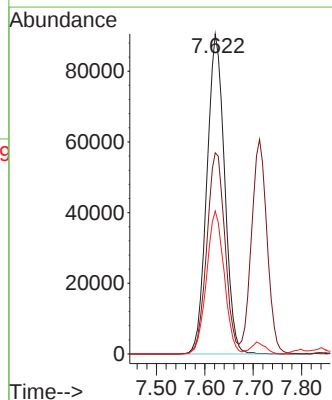
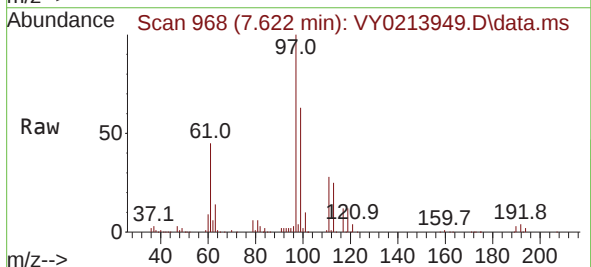
Tgt Ion: 97 Resp: 230018

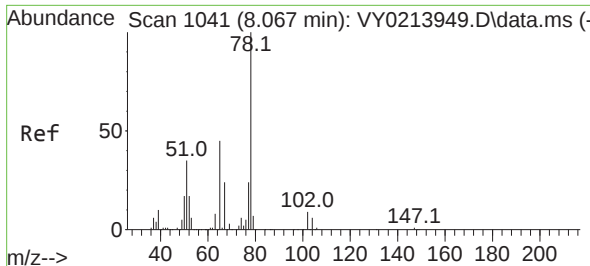
Ion Ratio Lower Upper

97 100

99 64.6 51.7 77.5

61 44.6 35.7 53.5

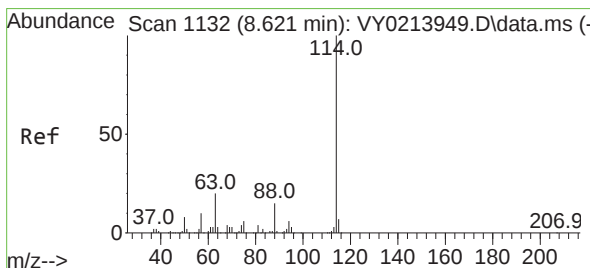
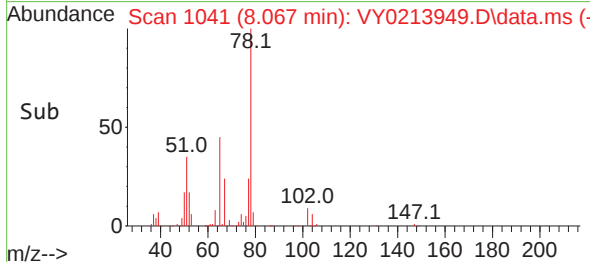
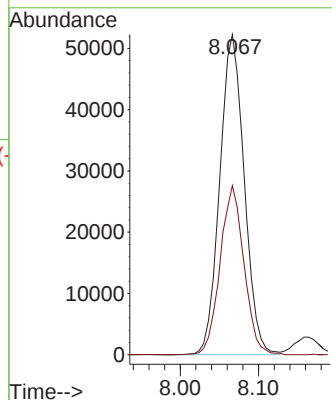
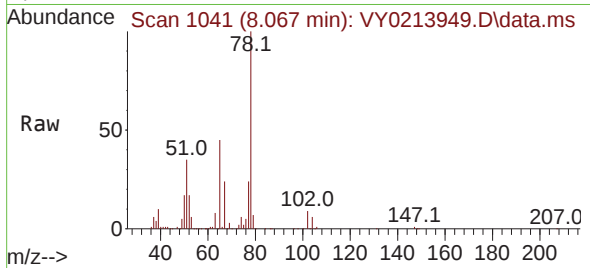




#33
1,2-Dichloroethane-d4
Concen: 45.625 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

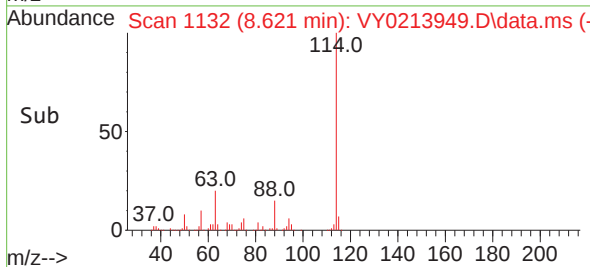
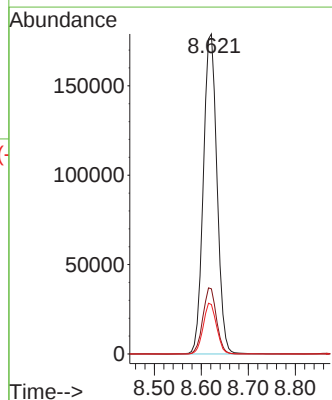
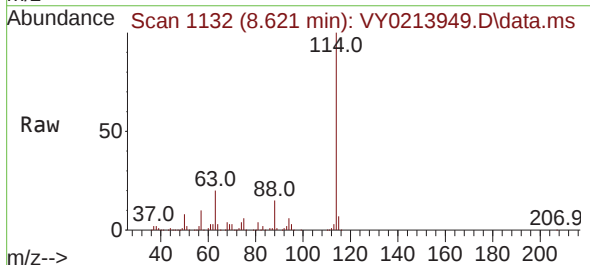
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

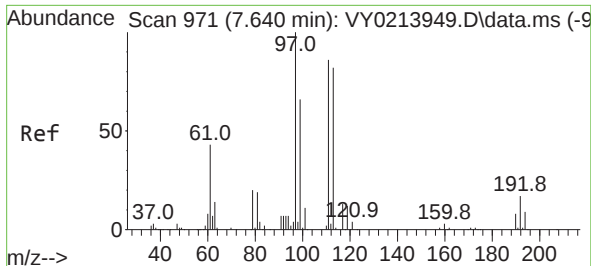
Tgt Ion: 65 Resp: 113391
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.621 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

Tgt Ion: 114 Resp: 360221
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 15.4 0.0 30.8

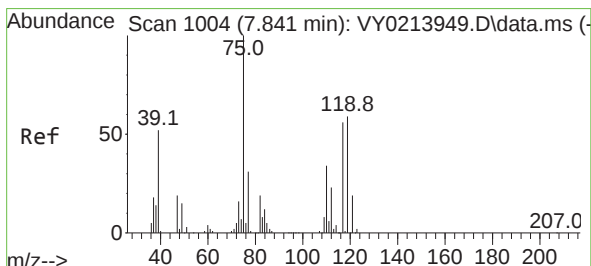
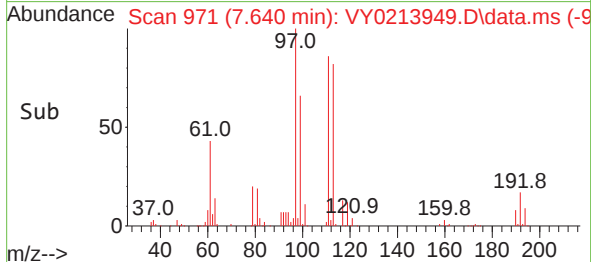
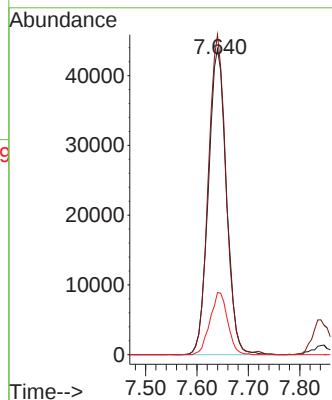
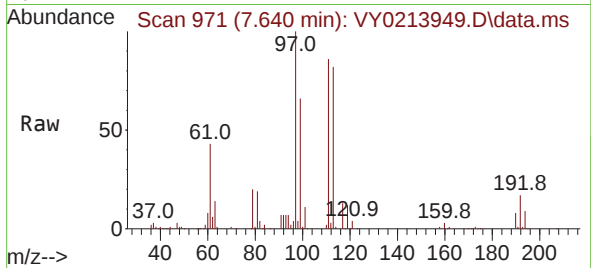




#35
Dibromofluoromethane
Concen: 44.973 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

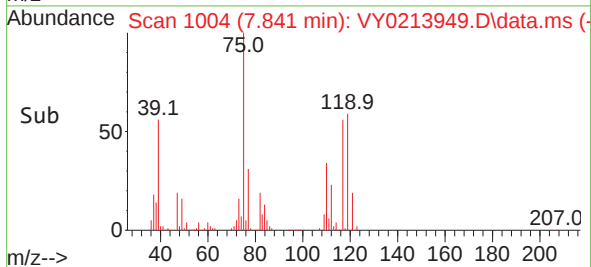
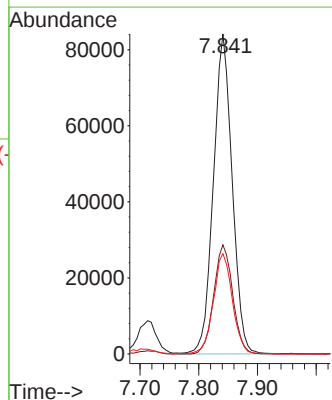
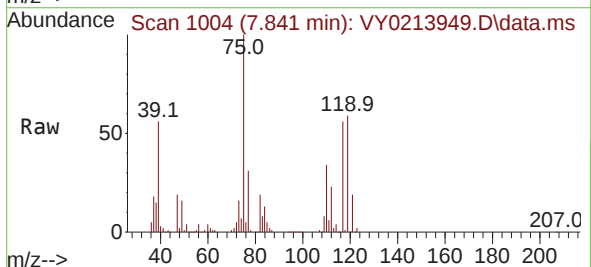
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

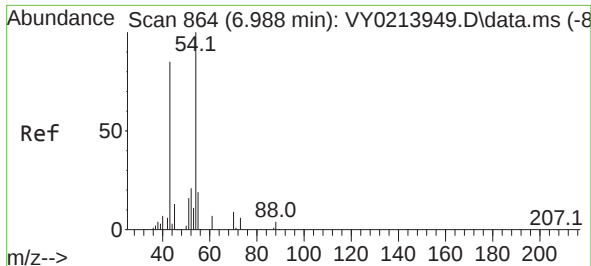
Tgt Ion:113 Resp: 106487
Ion Ratio Lower Upper
113 100
111 102.5 82.0 123.0
192 19.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 50.340 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

Tgt Ion: 75 Resp: 186577
Ion Ratio Lower Upper
75 100
110 34.5 17.3 51.7
77 31.8 25.4 38.2





#37

Ethyl Acetate

Concen: 53.423 ug/l

RT: 6.988 min Scan# 8

Delta R.T. 0.000 min

Lab File: VY0213949.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

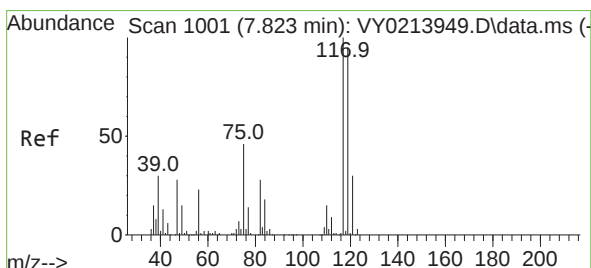
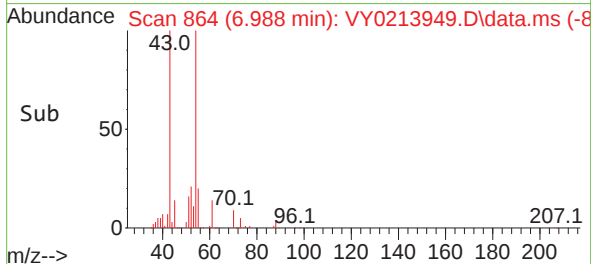
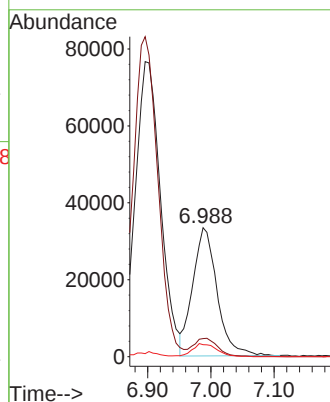
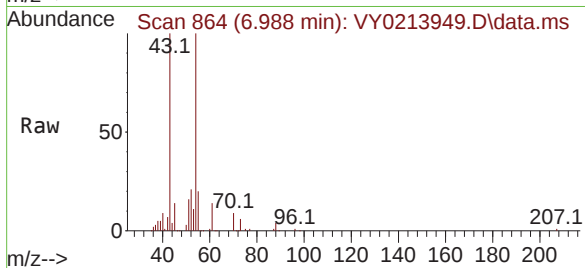
Tgt Ion: 43 Resp: 89317

Ion Ratio Lower Upper

43 100

61 14.2 11.4 17.0

70 10.2 8.2 12.2



#38

Carbon Tetrachloride

Concen: 49.573 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VY0213949.D

Acq: 04 Mar 2025 10:30

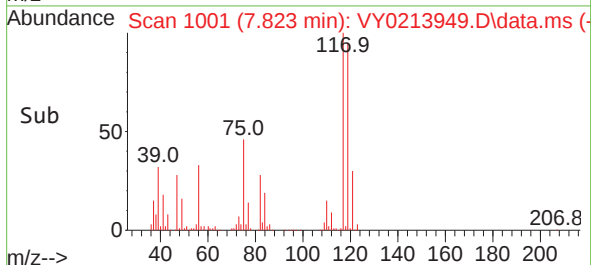
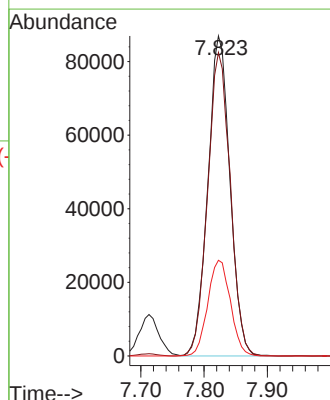
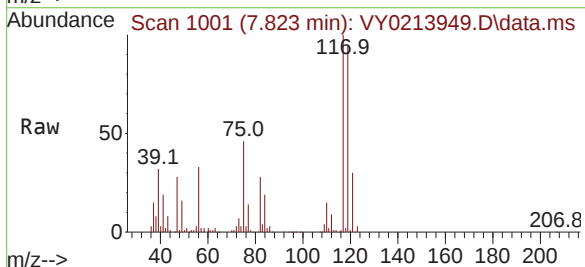
Tgt Ion: 117 Resp: 211310

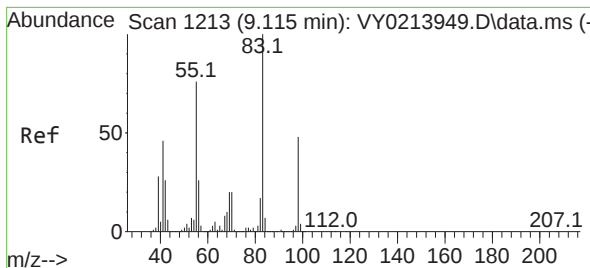
Ion Ratio Lower Upper

117 100

119 94.8 75.8 113.8

121 29.9 23.9 35.9

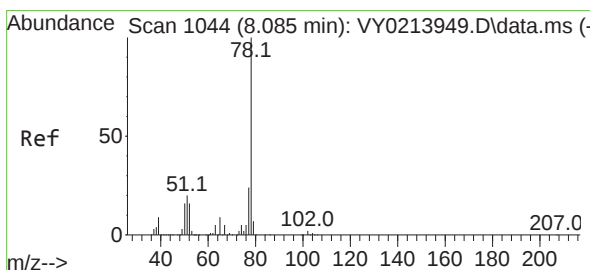
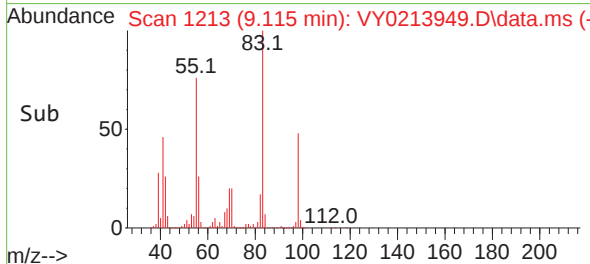
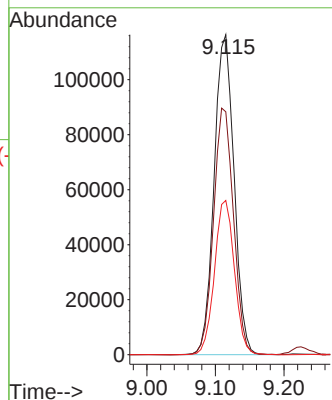
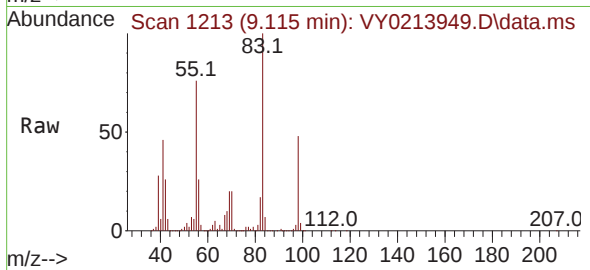




#39
Methylcyclohexane
Concen: 51.585 ug/l
RT: 9.115 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

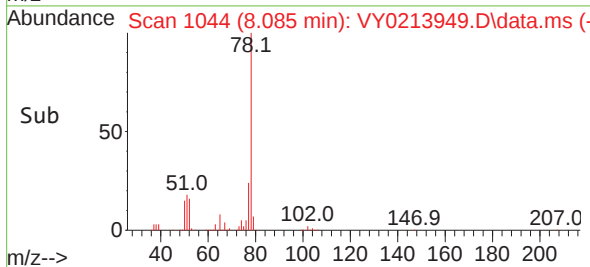
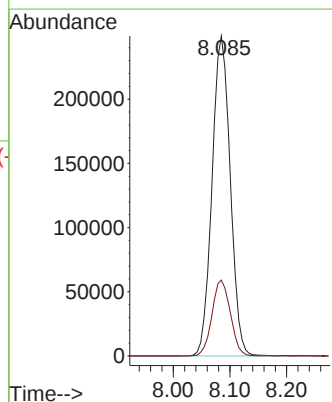
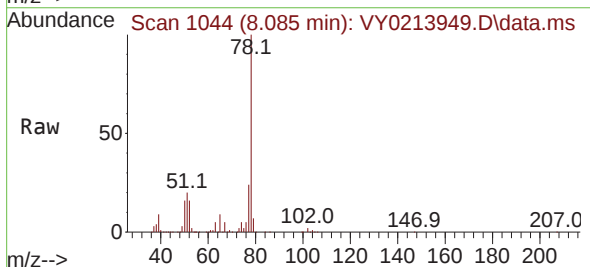
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

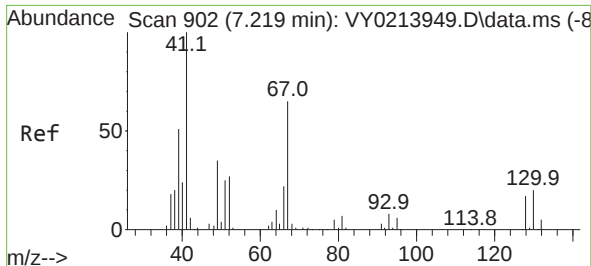
Tgt Ion: 83 Resp: 234520
Ion Ratio Lower Upper
83 100
55 75.9 60.7 91.1
98 48.2 38.6 57.8



#40
Benzene
Concen: 50.867 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

Tgt Ion: 78 Resp: 555364
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4

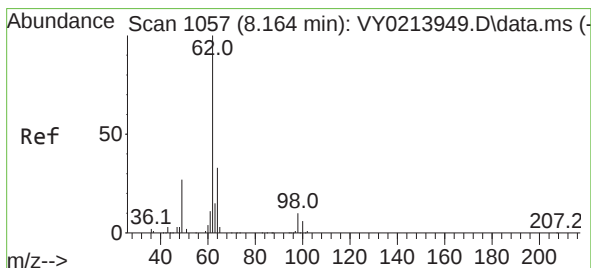
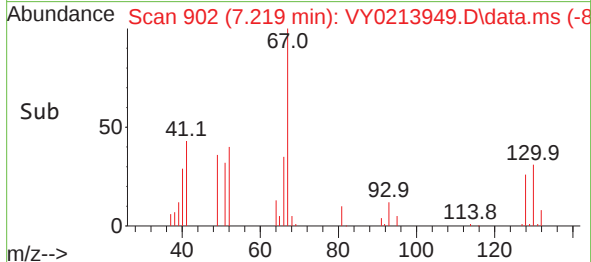
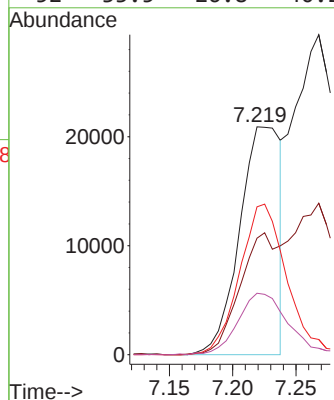
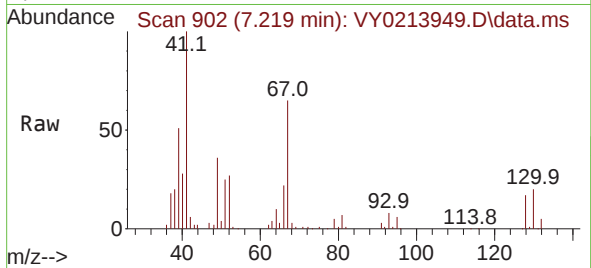




#41
Methacrylonitrile
Concen: 51.774 ug/l
RT: 7.219 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

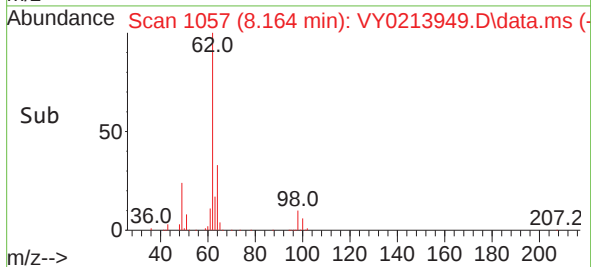
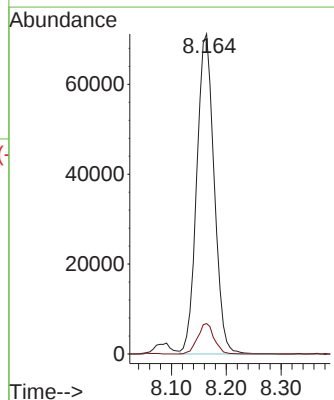
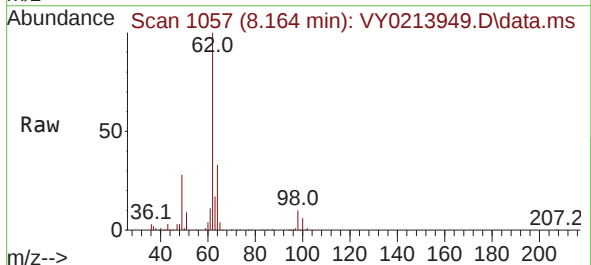
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

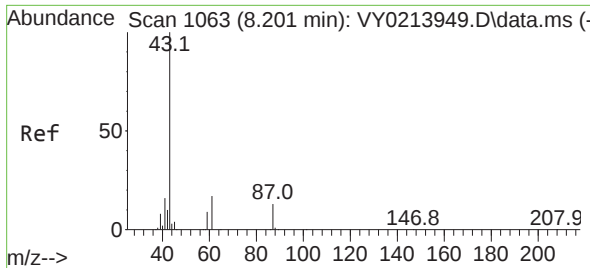
Tgt Ion:	41	Resp:	47147
Ion	Ratio	Lower	Upper
41	100		
39	43.8	35.0	52.6
67	76.5	61.2	91.8
52	33.5	26.8	40.2



#42
1,2-Dichloroethane
Concen: 51.469 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

Tgt Ion:	62	Resp:	157205
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.2

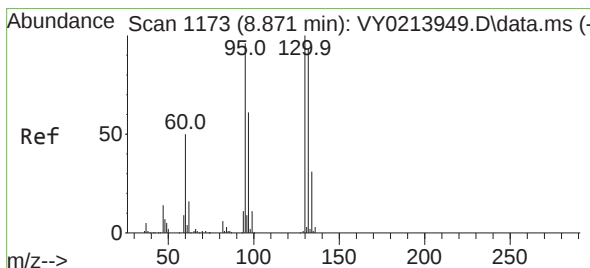
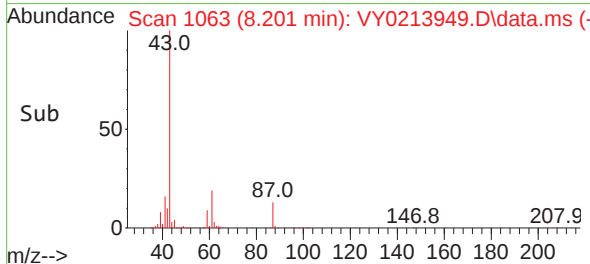
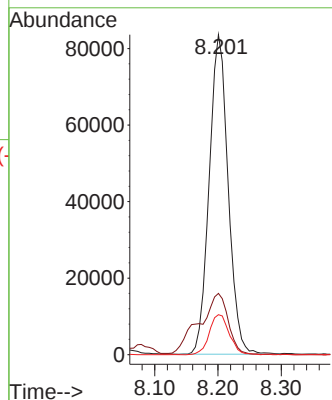
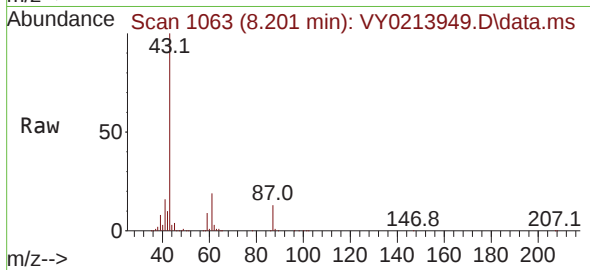




#43
Isopropyl Acetate
Concen: 54.689 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

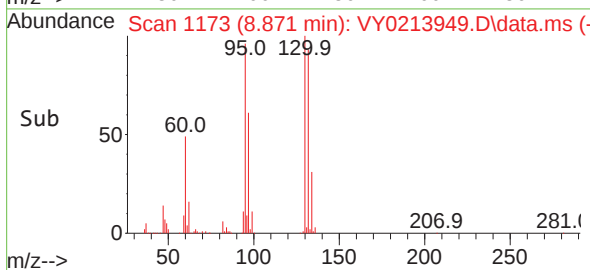
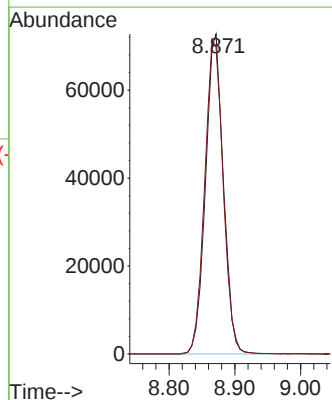
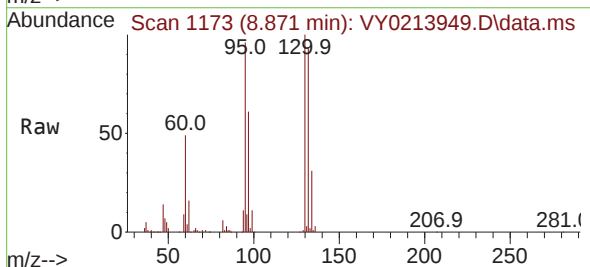
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

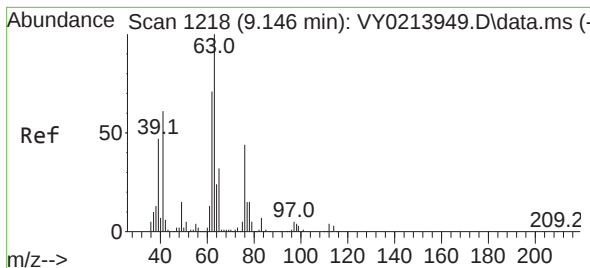
Tgt Ion: 43 Resp: 173913
Ion Ratio Lower Upper
43 100
61 29.2 23.4 35.0
87 13.1 10.5 15.7



#44
Trichloroethene
Concen: 49.793 ug/l
RT: 8.871 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

Tgt Ion:130 Resp: 137378
Ion Ratio Lower Upper
130 100
95 95.8 0.0 191.6





#45

1,2-Dichloropropane

Concen: 50.949 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY0213949.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

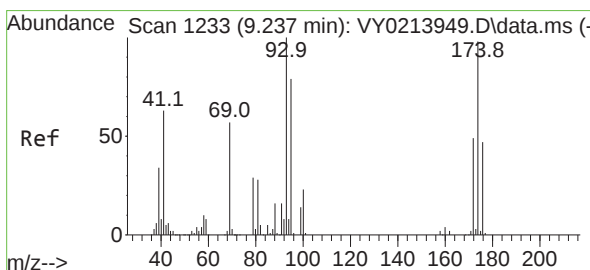
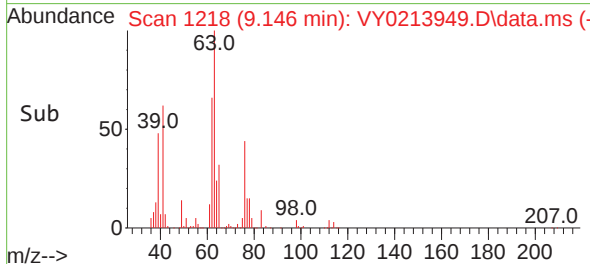
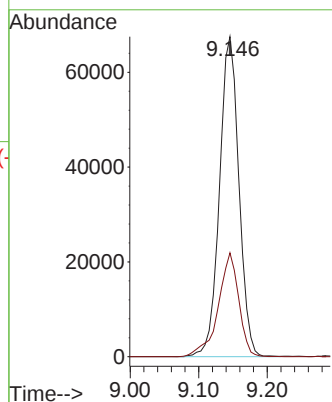
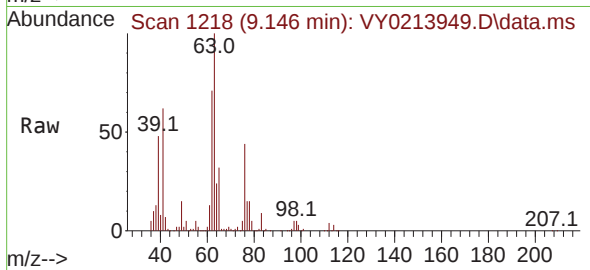
VSTDICCC050

Tgt Ion: 63 Resp: 132392

Ion Ratio Lower Upper

63 100

65 32.5 26.0 39.0



#46

Dibromomethane

Concen: 52.923 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.000 min

Lab File: VY0213949.D

Acq: 04 Mar 2025 10:30

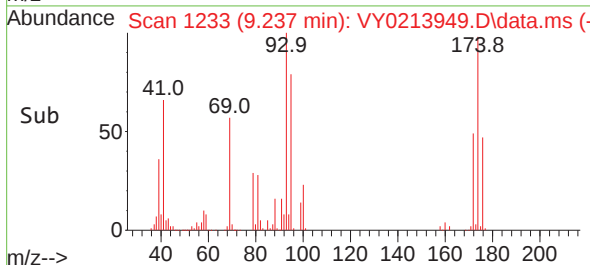
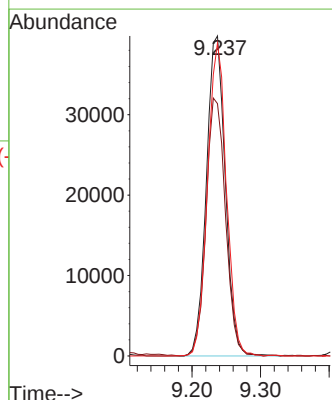
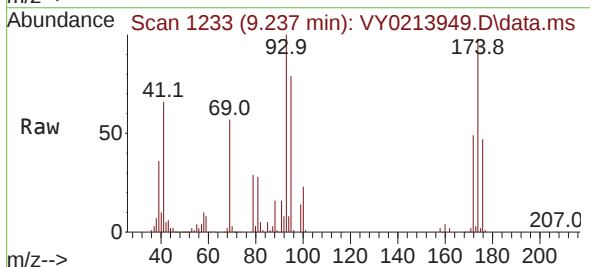
Tgt Ion: 93 Resp: 76517

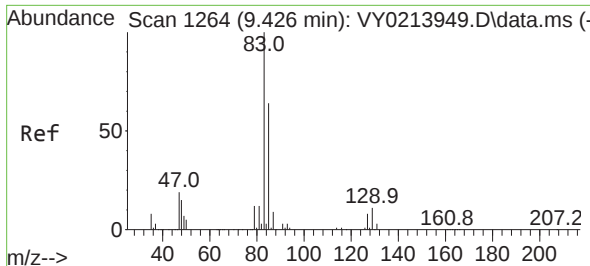
Ion Ratio Lower Upper

93 100

95 82.3 65.8 98.8

174 97.4 77.9 116.9

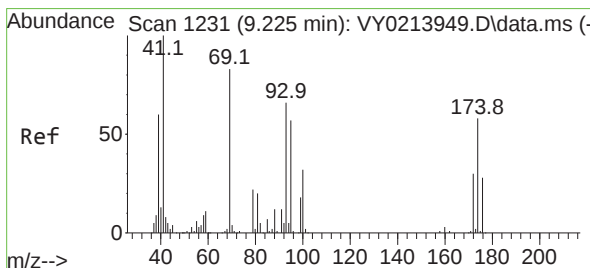
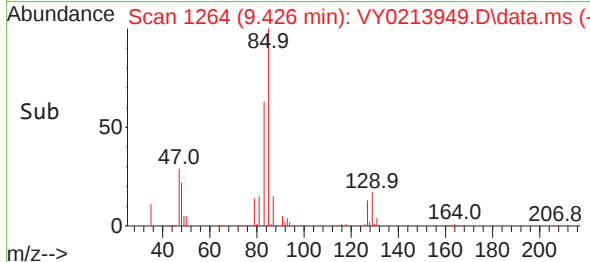
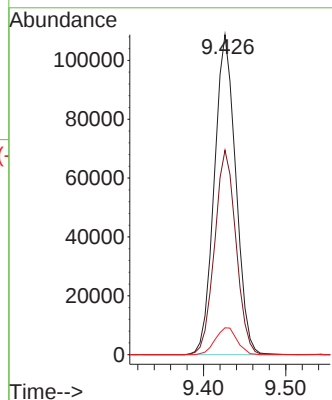
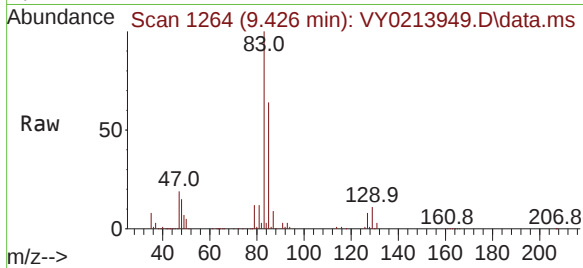




#47
Bromodichloromethane
Concen: 51.370 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

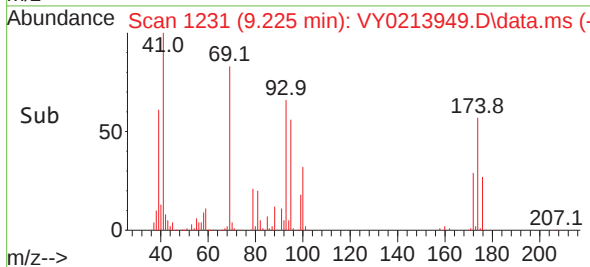
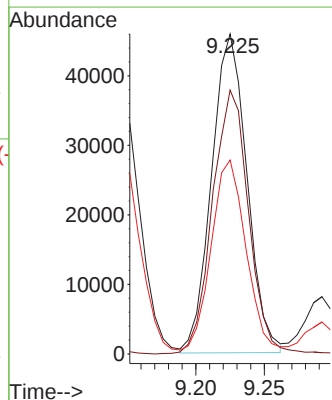
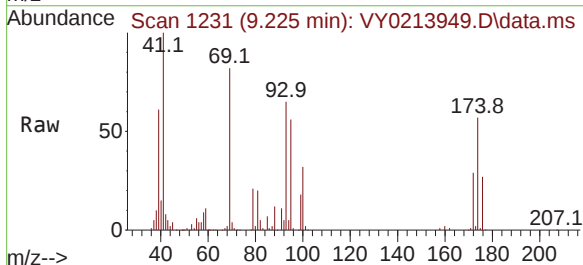
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

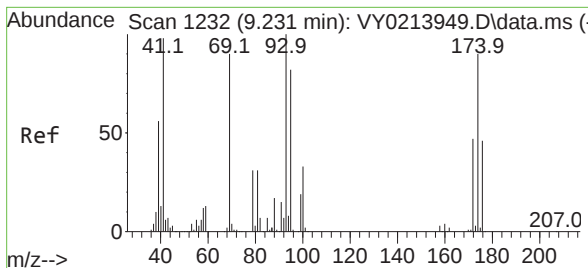
Tgt Ion: 83 Resp: 197243
Ion Ratio Lower Upper
83 100
85 63.9 51.1 76.7
127 8.4 6.7 10.1



#48
Methyl methacrylate
Concen: 55.853 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

Tgt Ion: 41 Resp: 82355
Ion Ratio Lower Upper
41 100
69 84.8 67.8 101.8
39 58.0 46.4 69.6





#49

1,4-Dioxane

Concen: 1144.224 ug/l

RT: 9.231 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY0213949.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

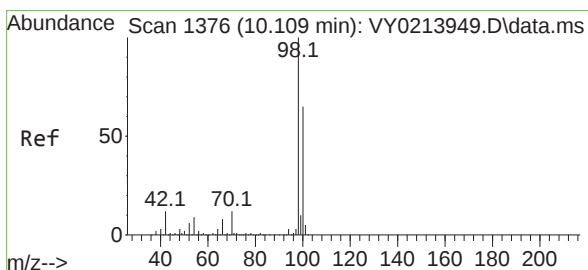
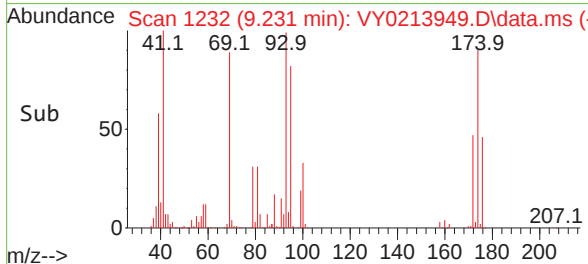
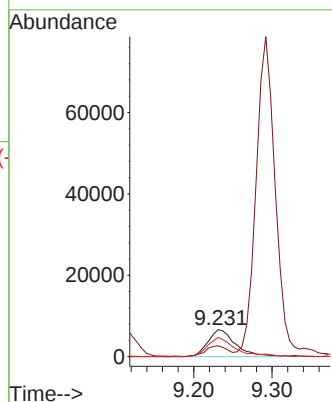
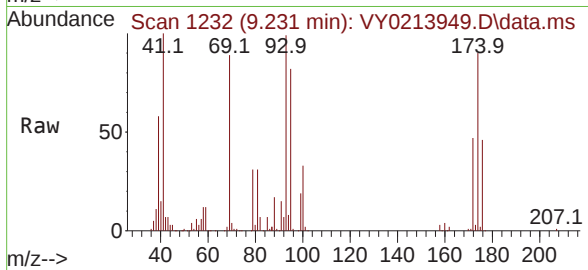
Tgt Ion: 88 Resp: 16238

Ion Ratio Lower Upper

88 100

43 31.2 25.0 37.4

58 73.0 58.4 87.6



#50

Toluene-d8

Concen: 45.594 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY0213949.D

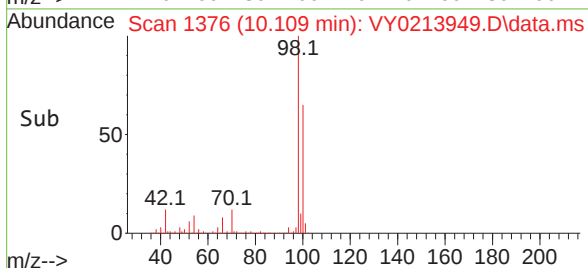
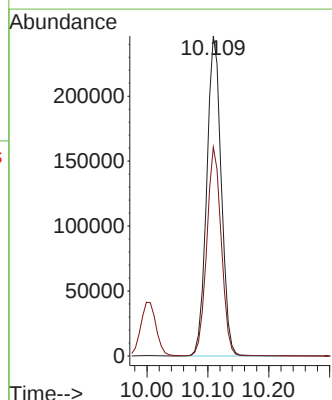
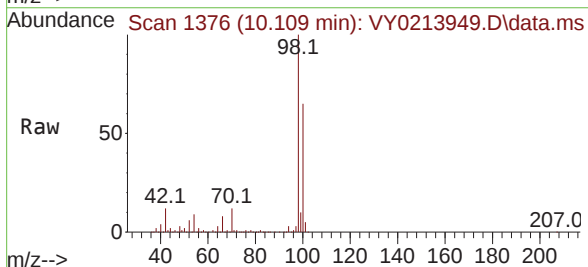
Acq: 04 Mar 2025 10:30

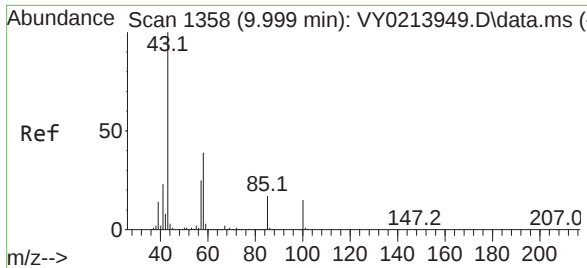
Tgt Ion: 98 Resp: 408759

Ion Ratio Lower Upper

98 100

100 65.1 52.1 78.1

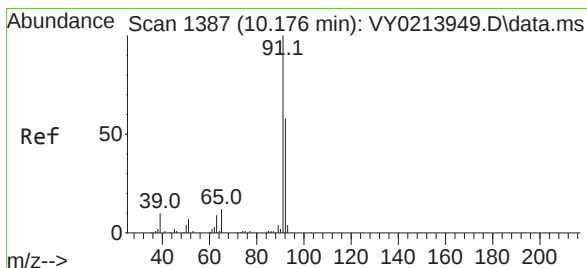
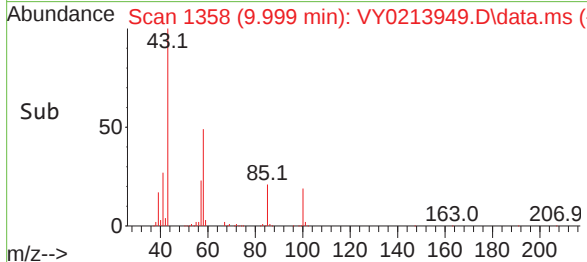
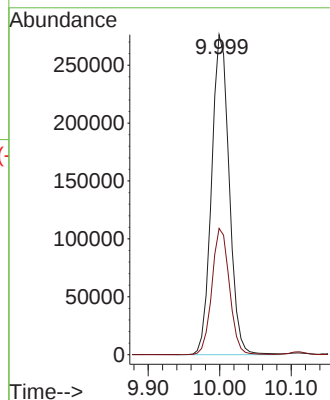
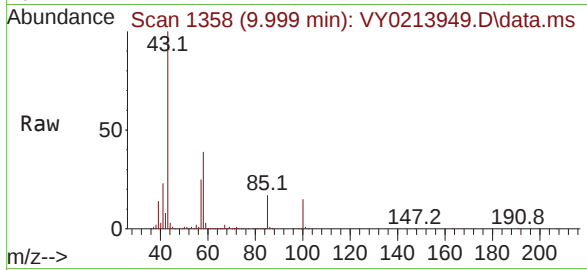




#51
4-Methyl-2-Pentanone
Concen: 288.203 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

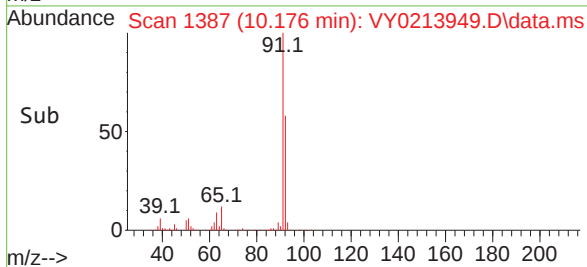
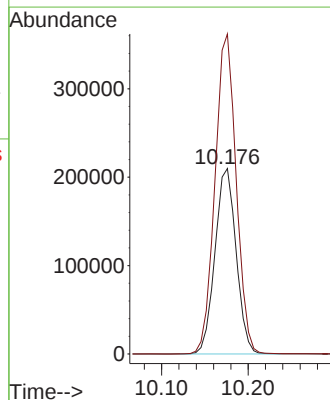
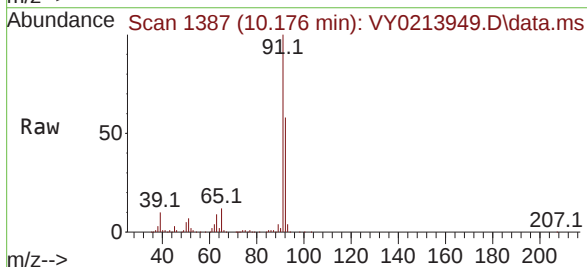
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

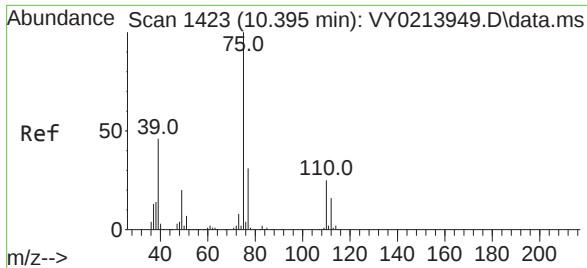
Tgt Ion: 43 Resp: 472885
Ion Ratio Lower Upper
43 100
58 39.3 31.4 47.2



#52
Toluene
Concen: 51.723 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

Tgt Ion: 92 Resp: 356029
Ion Ratio Lower Upper
92 100
91 172.7 138.2 207.2

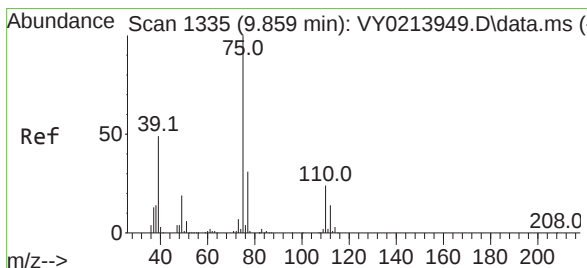
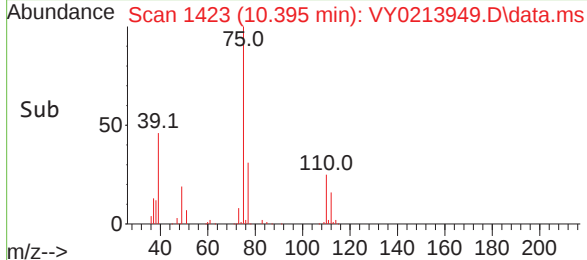
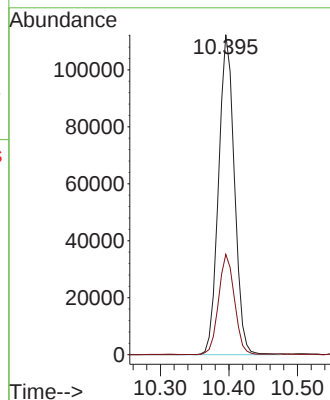
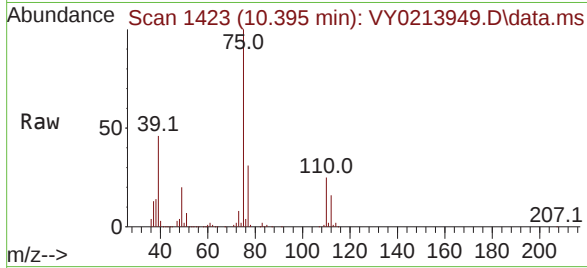




#53
 t-1,3-Dichloropropene
 Concen: 53.154 ug/l
 RT: 10.395 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY0213949.D
 Acq: 04 Mar 2025 10:30

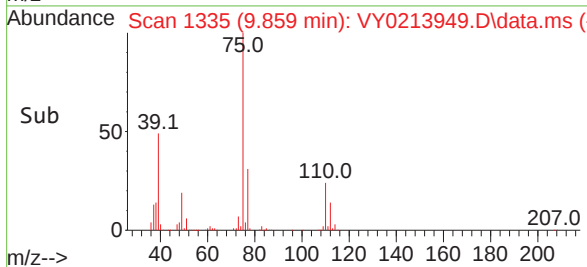
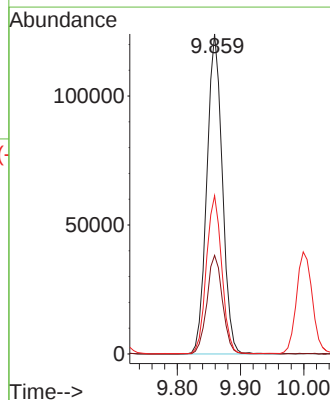
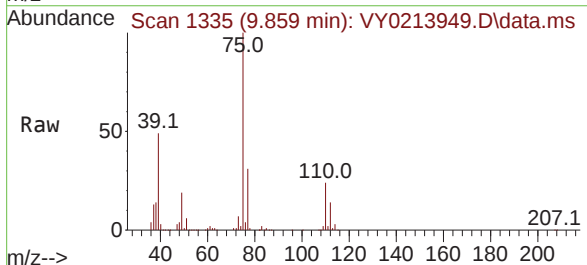
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

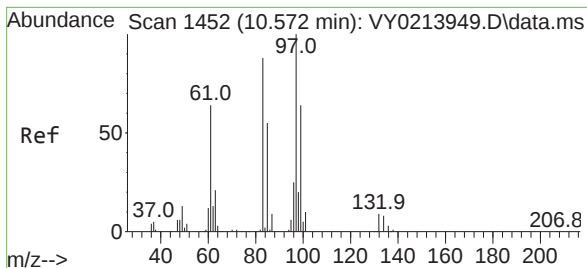
Tgt Ion: 75 Resp: 179810
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 52.691 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY0213949.D
 Acq: 04 Mar 2025 10:30

Tgt Ion: 75 Resp: 211622
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.6 37.0
 39 49.3 39.4 59.2



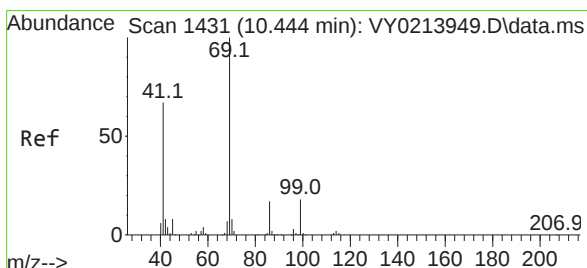
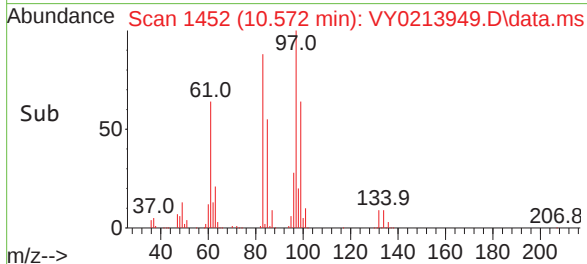
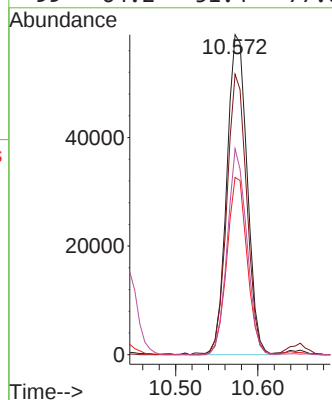
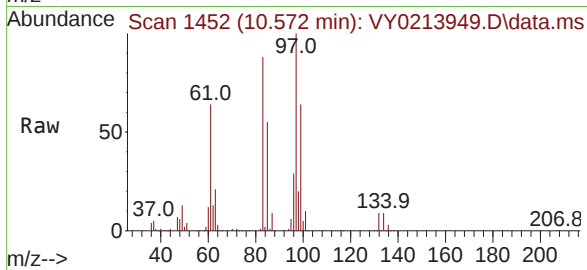


#55
 1,1,2-Trichloroethane
 Concen: 53.886 ug/l
 RT: 10.572 min Scan# 1452
 Delta R.T. 0.000 min
 Lab File: VY0213949.D
 Acq: 04 Mar 2025 10:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 97 Resp: 101913

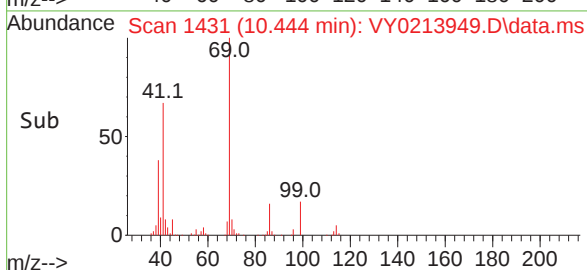
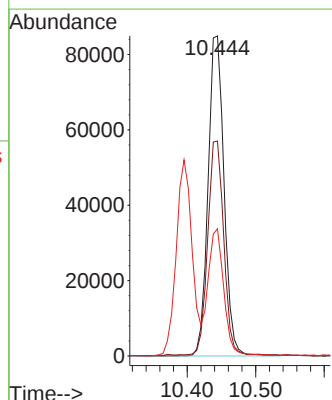
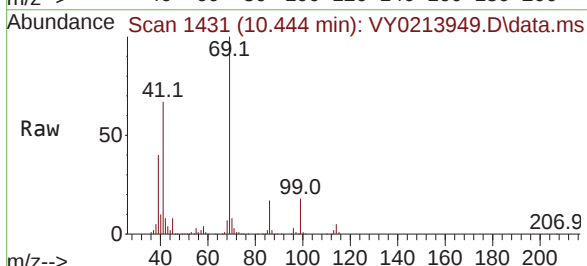
Ion	Ratio	Lower	Upper
97	100		
83	87.5	70.0	105.0
85	55.4	44.3	66.5
99	64.2	51.4	77.0

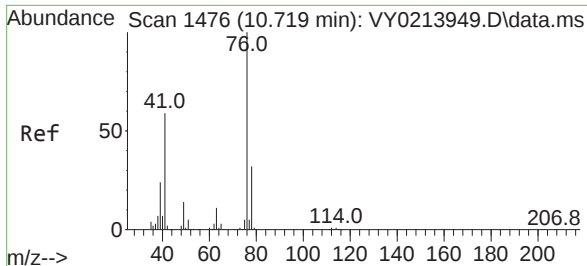


#56
 Ethyl methacrylate
 Concen: 57.187 ug/l
 RT: 10.444 min Scan# 1431
 Delta R.T. 0.000 min
 Lab File: VY0213949.D
 Acq: 04 Mar 2025 10:30

Tgt Ion: 69 Resp: 137939

Ion	Ratio	Lower	Upper
69	100		
41	66.6	53.3	79.9
39	38.8	31.0	46.6





#57

1,3-Dichloropropane

Concen: 52.551 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY0213949.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

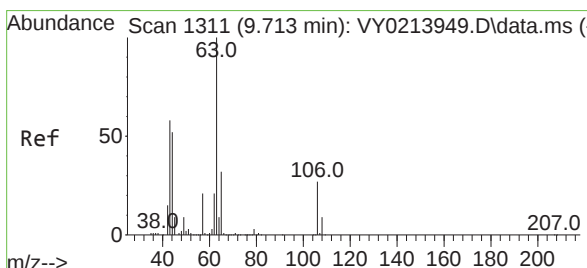
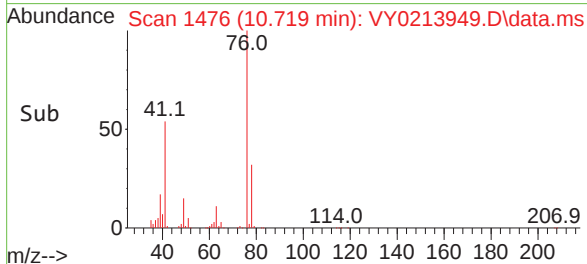
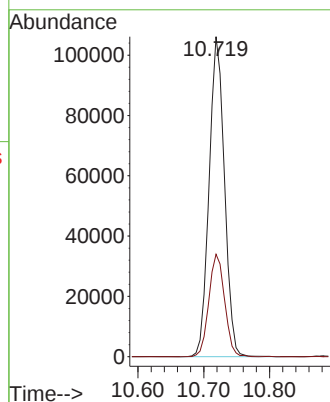
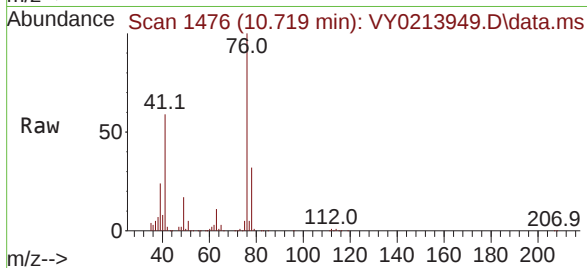
VSTDICCC050

Tgt Ion: 76 Resp: 172259

Ion Ratio Lower Upper

76 100

78 32.9 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 281.418 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY0213949.D

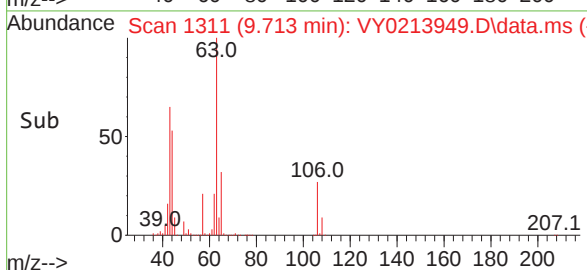
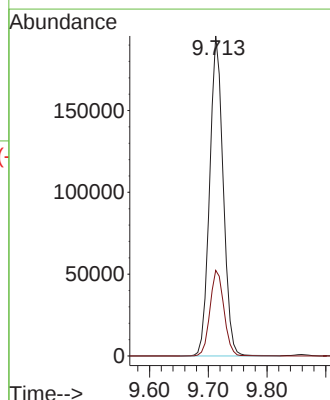
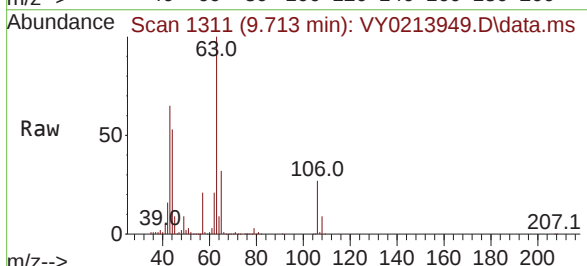
Acq: 04 Mar 2025 10:30

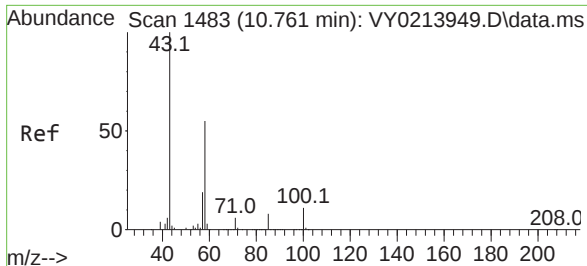
Tgt Ion: 63 Resp: 313349

Ion Ratio Lower Upper

63 100

106 27.6 22.1 33.1

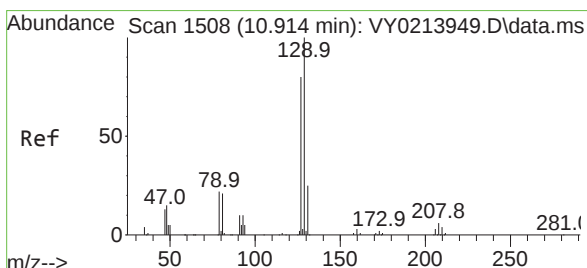
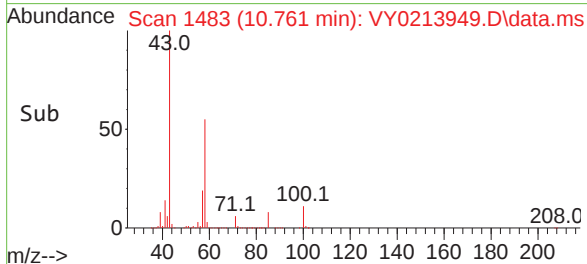
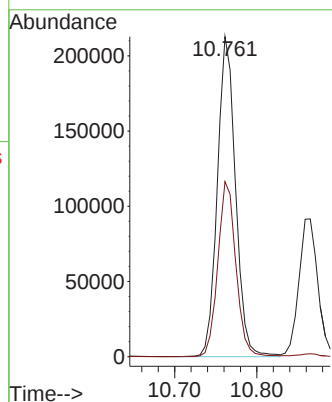
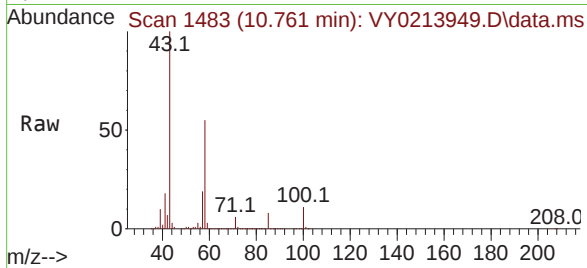




#59
2-Hexanone
Concen: 301.583 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

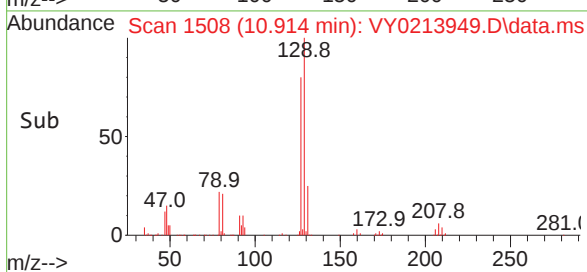
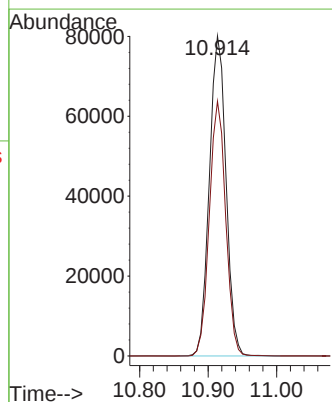
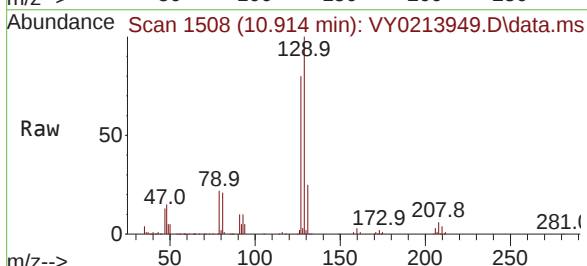
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

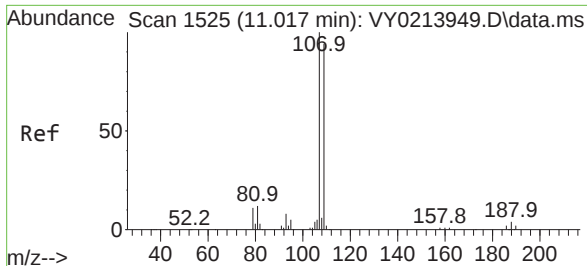
Tgt Ion: 43 Resp: 327200
Ion Ratio Lower Upper
43 100
58 54.5 27.3 81.8



#60
Dibromochloromethane
Concen: 52.296 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

Tgt Ion: 129 Resp: 135595
Ion Ratio Lower Upper
129 100
127 78.2 39.1 117.3

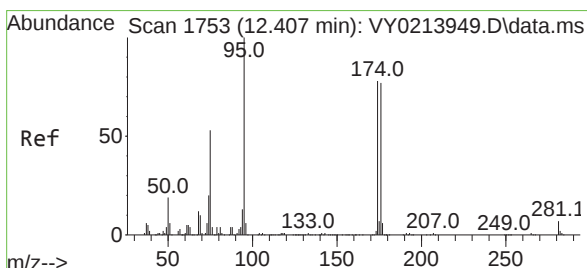
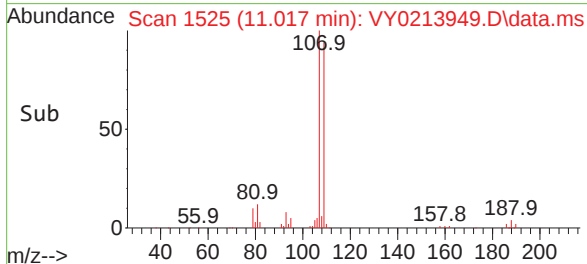
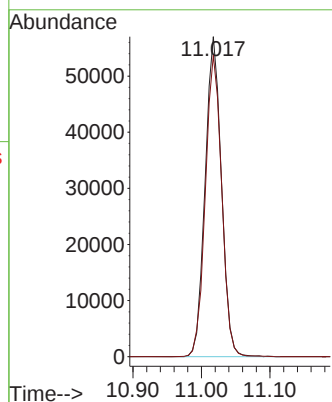
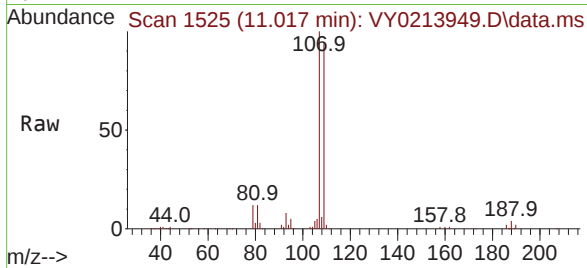




#61
1,2-Dibromoethane
Concen: 52.819 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

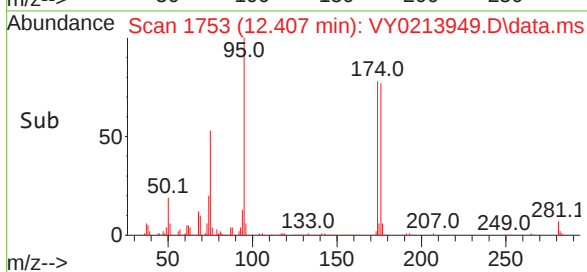
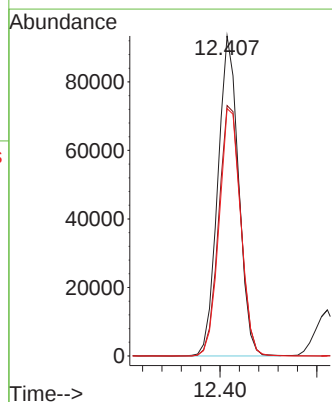
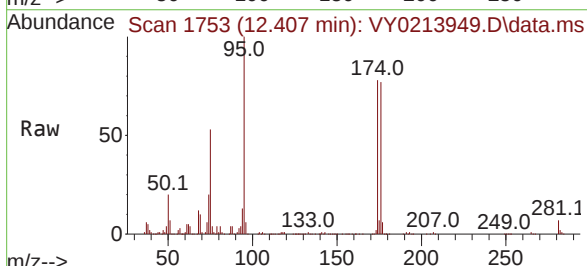
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

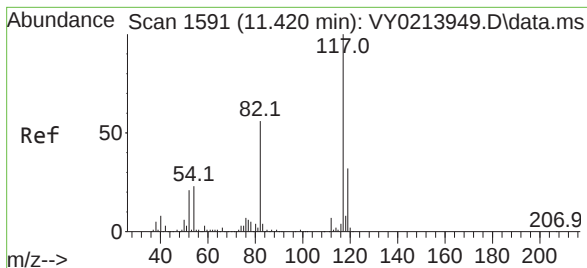
Tgt Ion:107 Resp: 94280
Ion Ratio Lower Upper
107 100
109 94.8 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 45.618 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

Tgt Ion: 95 Resp: 139117
Ion Ratio Lower Upper
95 100
174 82.5 0.0 165.0
176 80.0 0.0 160.0

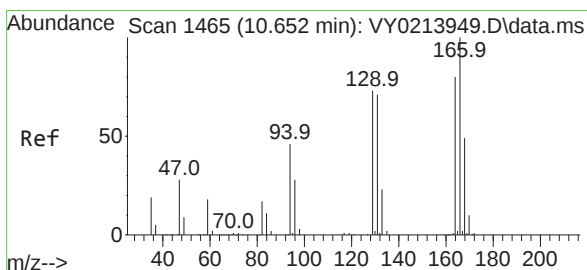
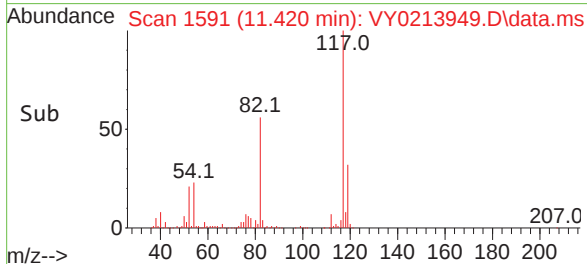
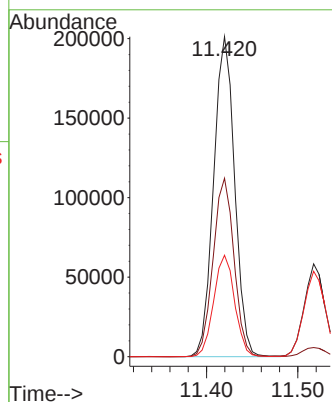
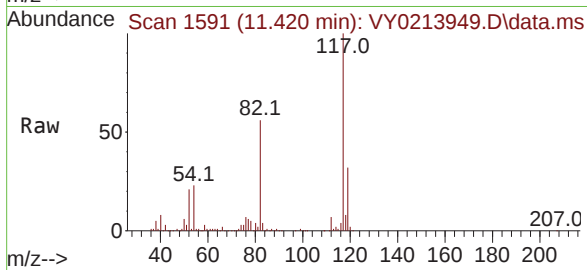




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

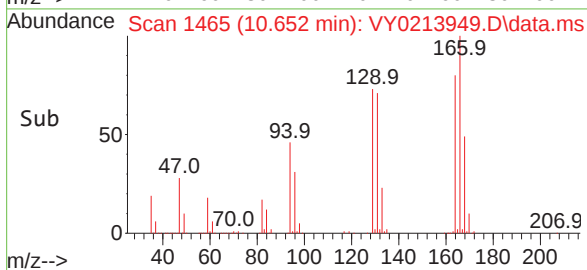
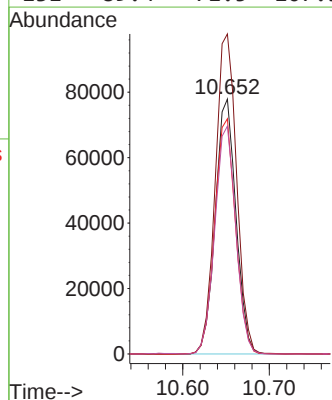
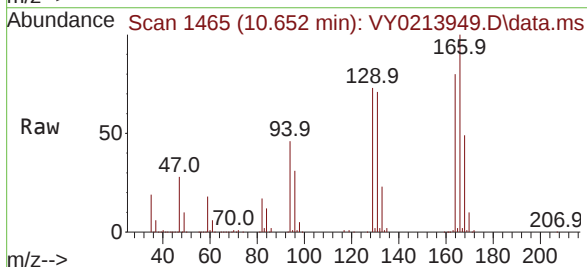
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

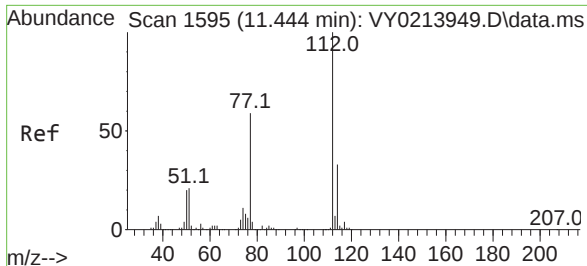
Tgt Ion:117 Resp: 321260
Ion Ratio Lower Upper
117 100
82 55.8 44.6 67.0
119 31.7 25.4 38.0



#64
Tetrachloroethene
Concen: 49.596 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

Tgt Ion:164 Resp: 129562
Ion Ratio Lower Upper
164 100
166 125.5 100.4 150.6
129 92.3 73.8 110.8
131 89.4 71.5 107.3

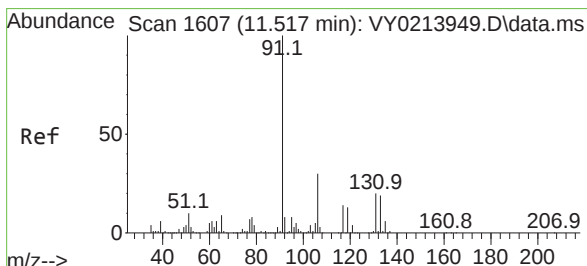
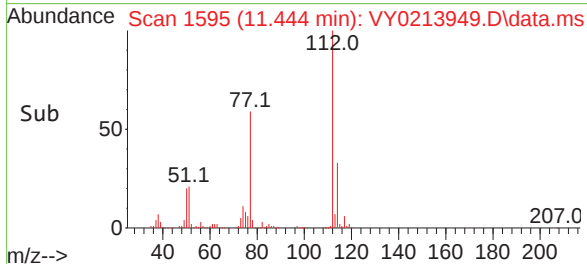
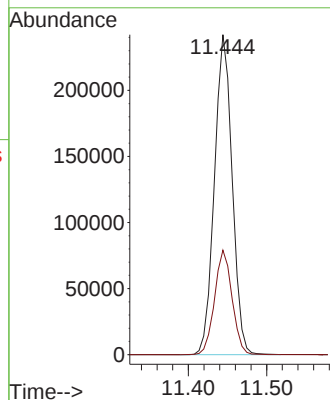
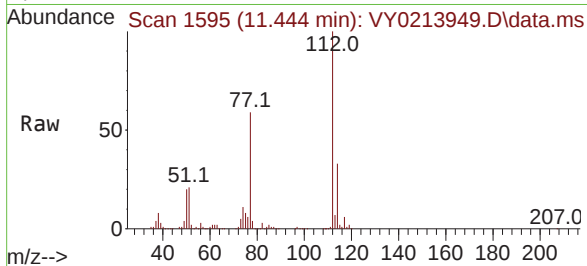




#65
Chlorobenzene
Concen: 50.233 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

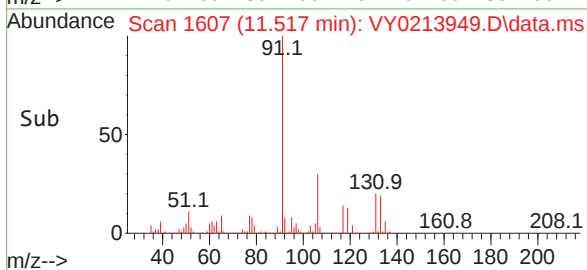
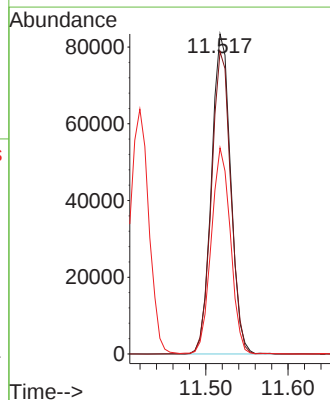
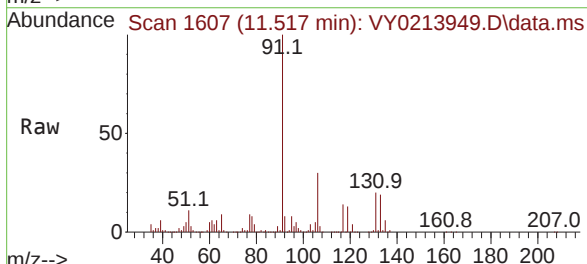
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

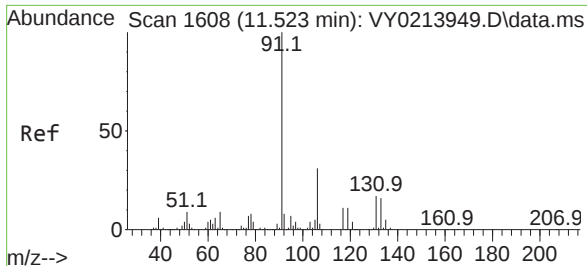
Tgt Ion:112 Resp: 381086
Ion Ratio Lower Upper
112 100
114 32.6 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 50.434 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

Tgt Ion:131 Resp: 135273
Ion Ratio Lower Upper
131 100
133 95.3 47.6 142.9
119 64.6 32.3 96.9





#67

Ethyl Benzene

Concen: 51.502 ug/l

RT: 11.523 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY0213949.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

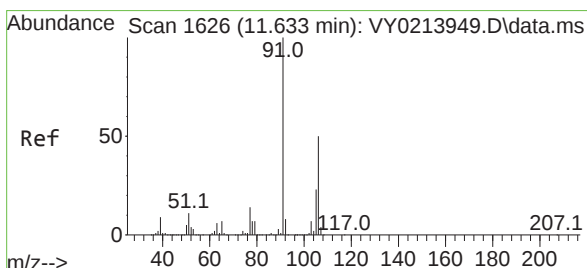
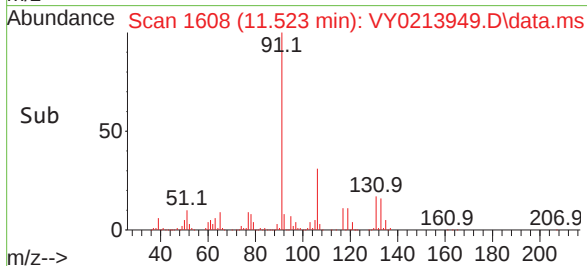
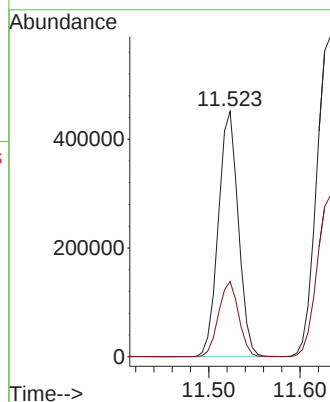
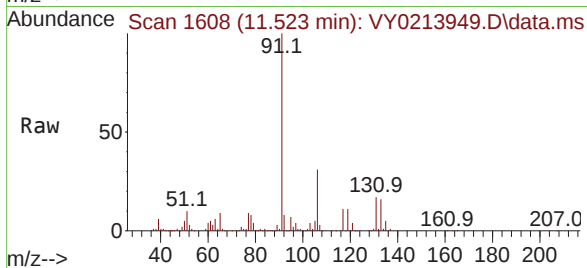
VSTDICCC050

Tgt Ion: 91 Resp: 685789

Ion Ratio Lower Upper

91 100

106 30.7 24.6 36.8



#68

m/p-Xylenes

Concen: 104.452 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY0213949.D

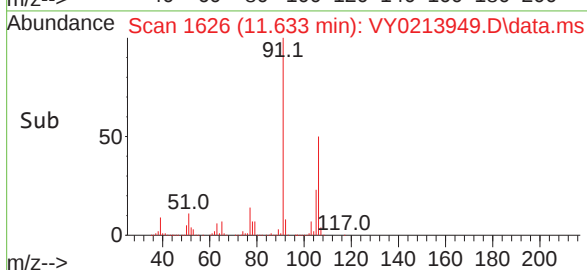
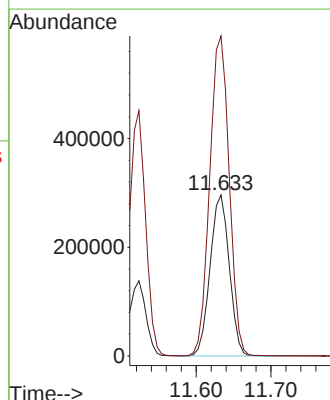
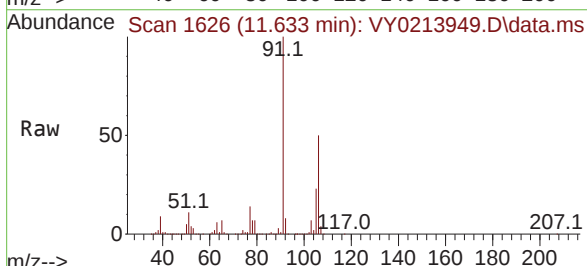
Acq: 04 Mar 2025 10:30

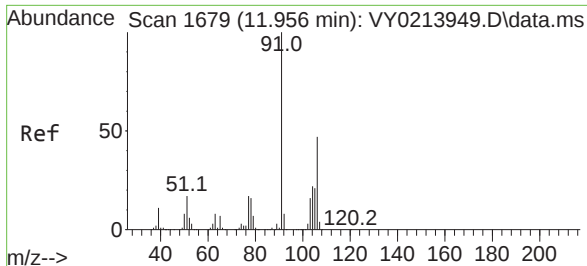
Tgt Ion: 106 Resp: 528037

Ion Ratio Lower Upper

106 100

91 202.1 161.7 242.5

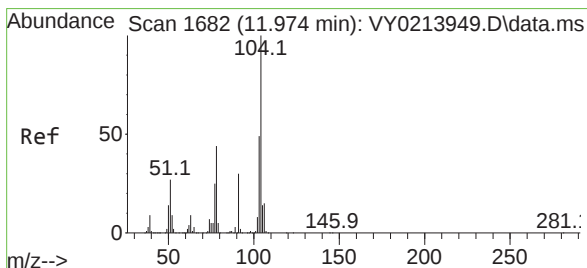
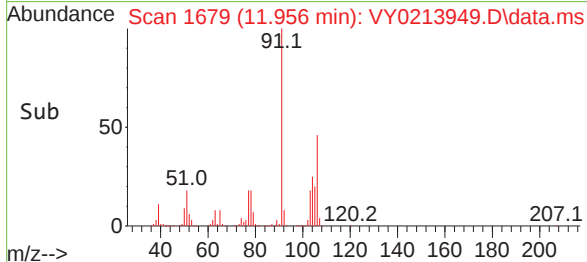
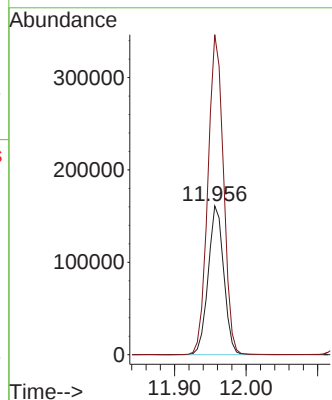
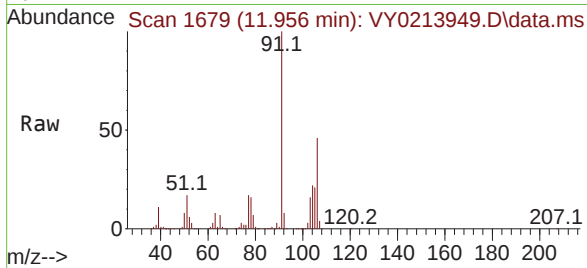




#69
o-Xylene
Concen: 52.341 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

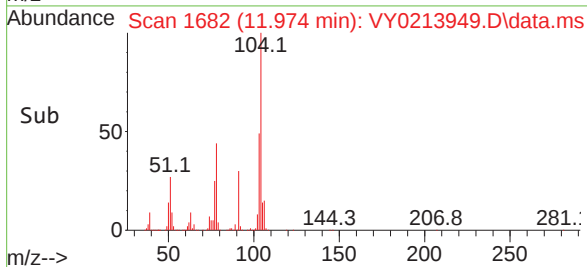
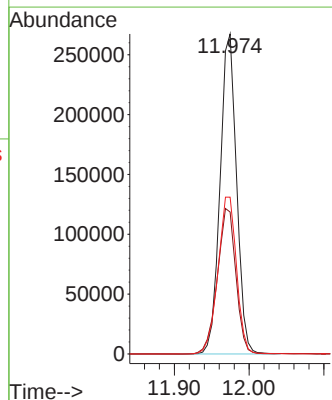
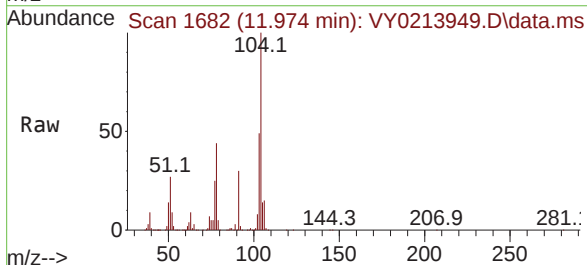
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

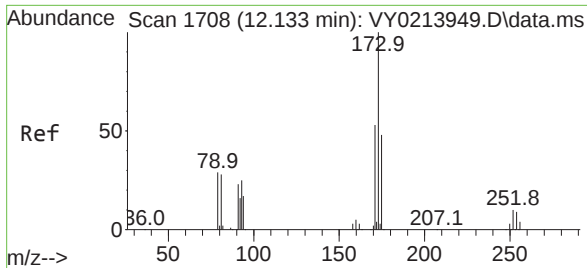
Tgt Ion:106 Resp: 243863
Ion Ratio Lower Upper
106 100
91 215.2 107.6 322.8



#70
Styrene
Concen: 53.068 ug/l
RT: 11.974 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

Tgt Ion:104 Resp: 410178
Ion Ratio Lower Upper
104 100
78 50.9 40.7 61.1
103 55.1 44.1 66.1

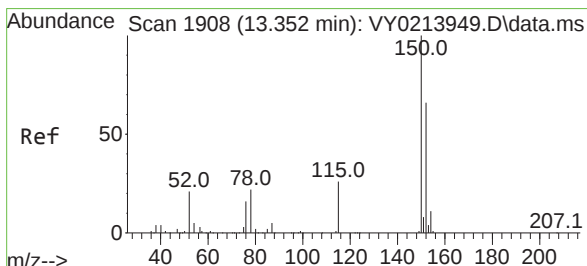
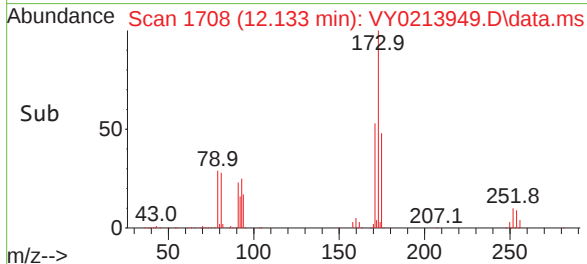
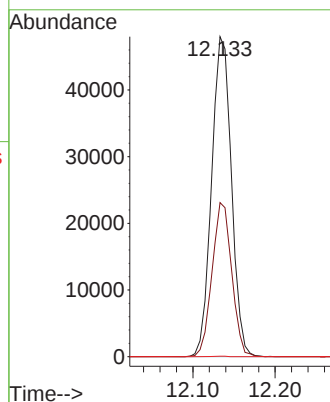
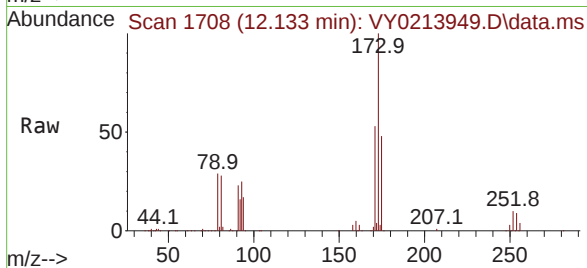




#71
Bromoform
Concen: 53.584 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

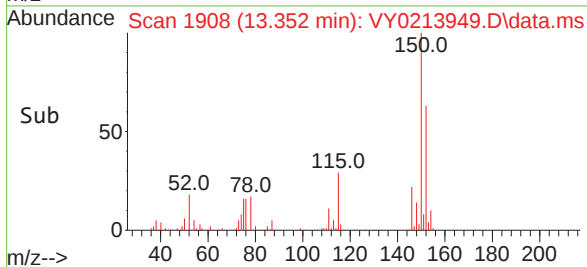
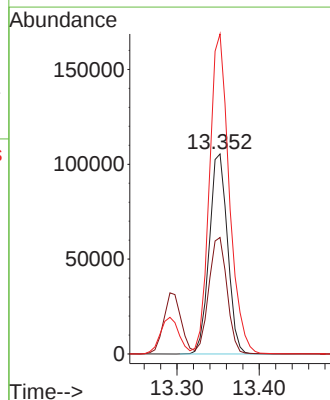
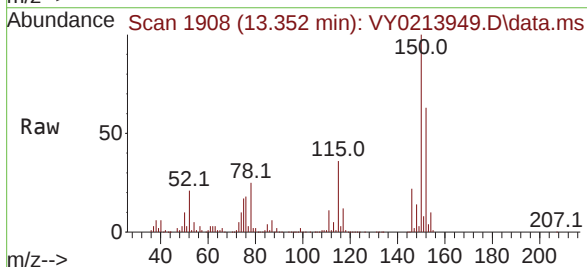
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

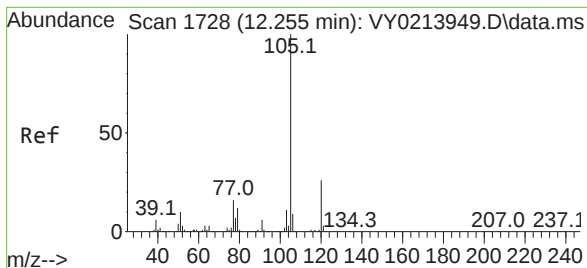
Tgt Ion:173 Resp: 80342
Ion Ratio Lower Upper
173 100
175 47.8 23.9 71.7
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

Tgt Ion:152 Resp: 162486
Ion Ratio Lower Upper
152 100
115 58.0 29.0 87.0
150 173.6 0.0 347.2

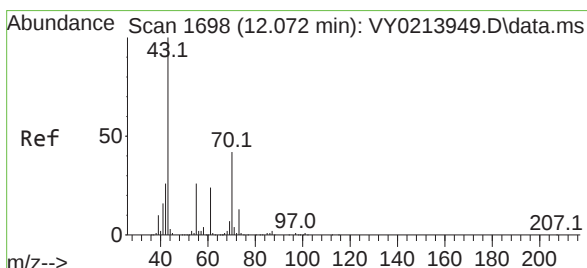
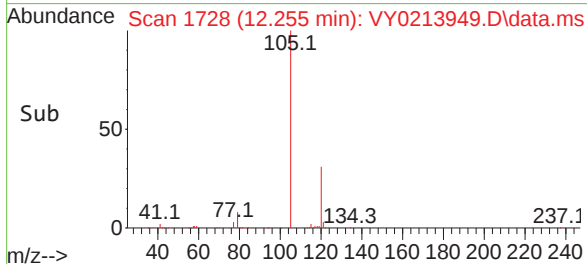
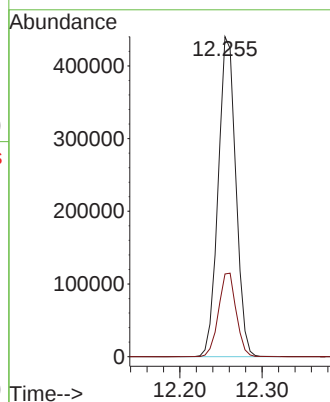
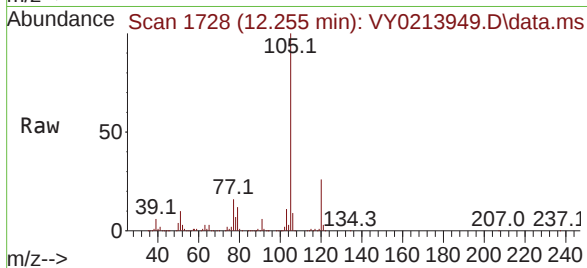




#73
Isopropylbenzene
Concen: 51.212 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

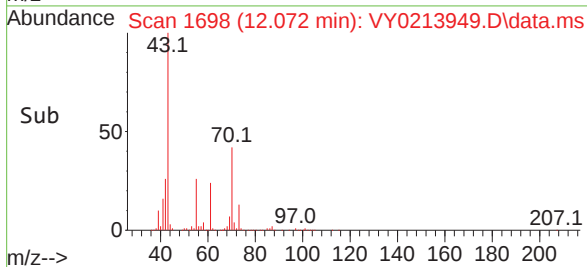
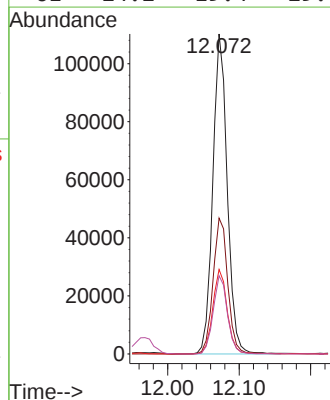
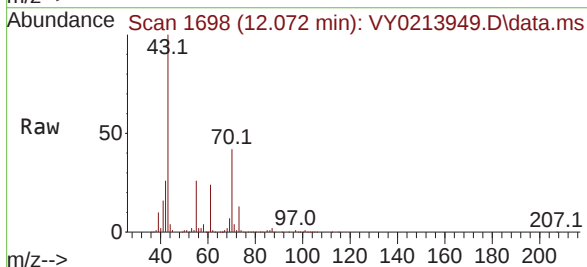
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

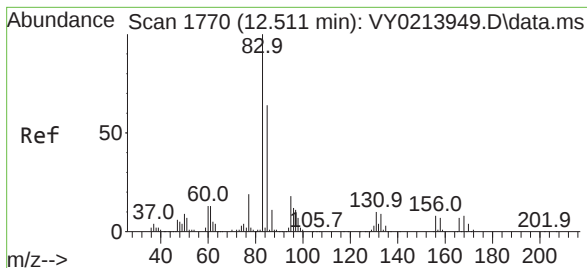
Tgt Ion:105 Resp: 655492
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3



#74
N-ethyl acetate
Concen: 55.547 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

Tgt Ion: 43 Resp: 154403
Ion Ratio Lower Upper
43 100
70 43.2 34.6 51.8
55 26.4 21.1 31.7
61 24.2 19.4 29.0

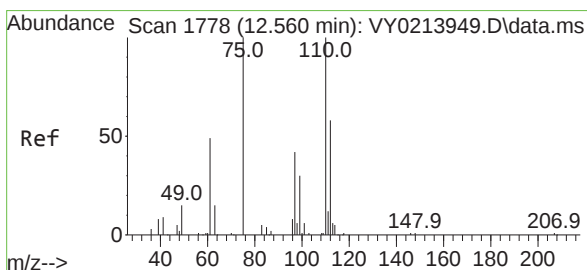
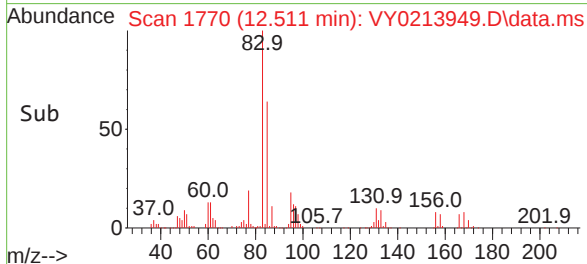
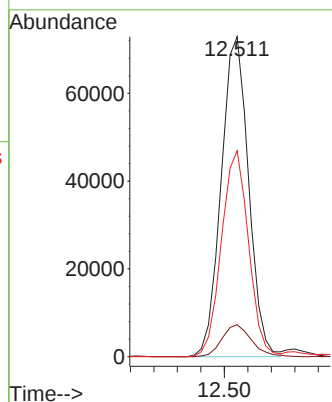
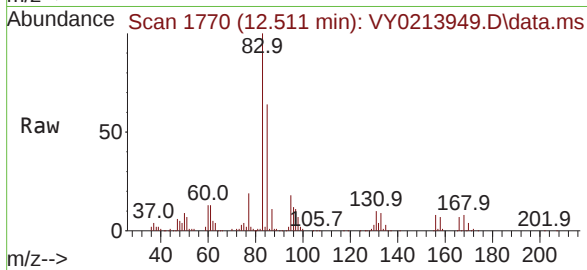




#75
 1,1,2,2-Tetrachloroethane
 Concen: 52.277 ug/l
 RT: 12.511 min Scan# 1770
 Delta R.T. 0.000 min
 Lab File: VY0213949.D
 Acq: 04 Mar 2025 10:30

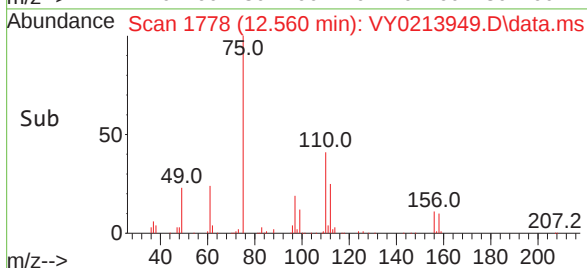
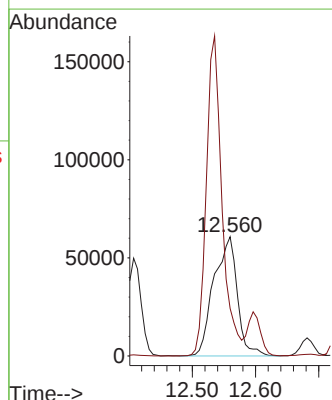
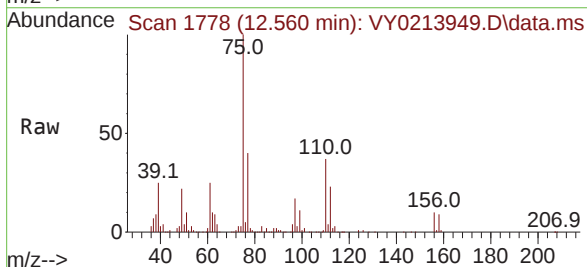
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

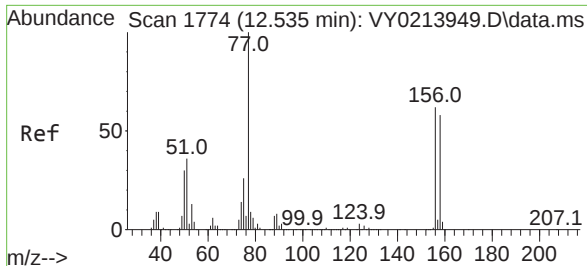
Tgt Ion: 83 Resp: 118077
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.3 16.1
 85 63.7 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 95.749 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.000 min
 Lab File: VY0213949.D
 Acq: 04 Mar 2025 10:30

Tgt Ion: 75 Resp: 156774
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

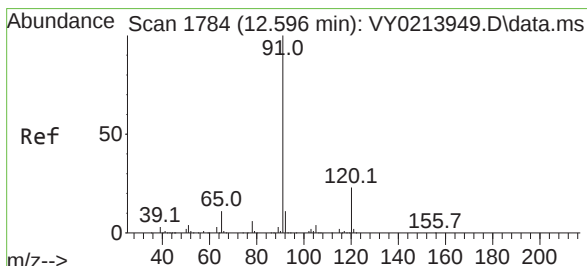
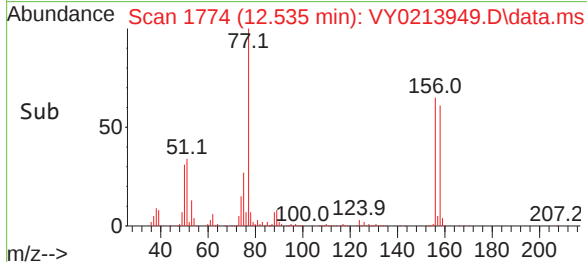
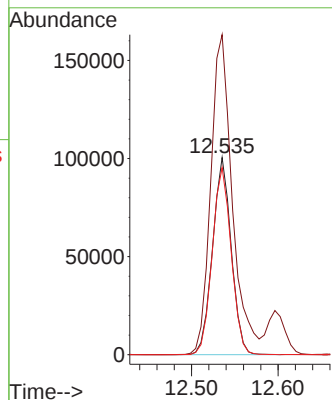
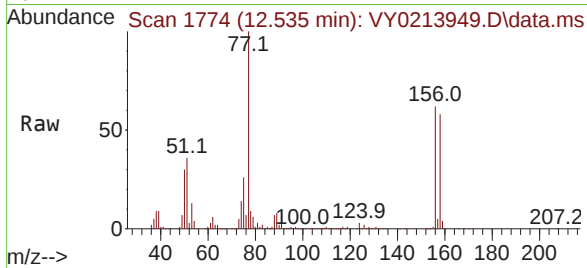




#77
Bromobenzene
Concen: 50.247 ug/l
RT: 12.535 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

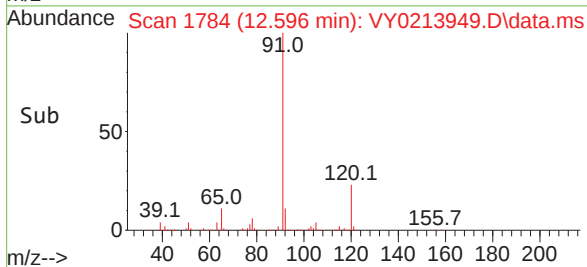
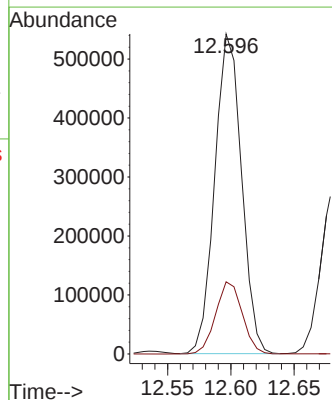
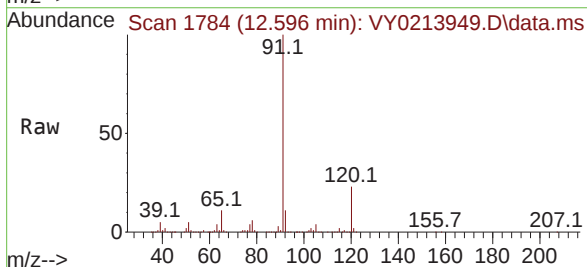
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

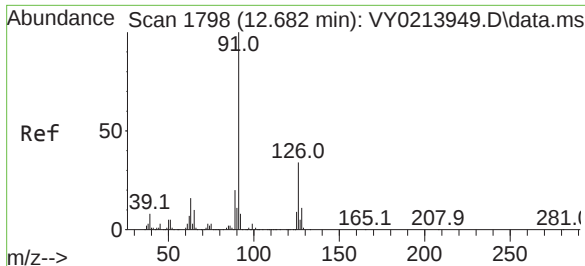
Tgt Ion:156 Resp: 150460
Ion Ratio Lower Upper
156 100
77 187.2 93.6 280.8
158 96.5 48.3 144.8



#78
n-propylbenzene
Concen: 51.272 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

Tgt Ion: 91 Resp: 797005
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.8





#79

2-Chlorotoluene

Concen: 50.112 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY0213949.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

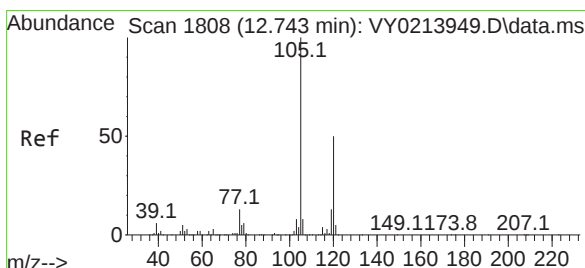
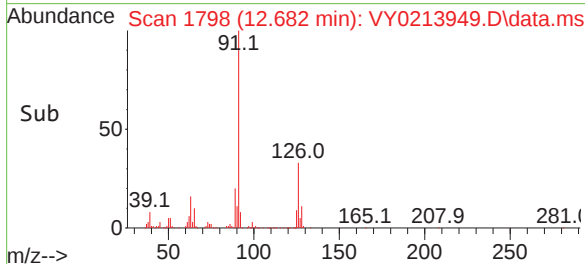
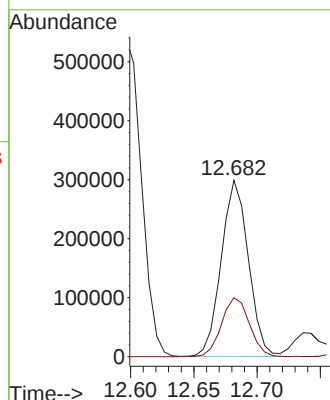
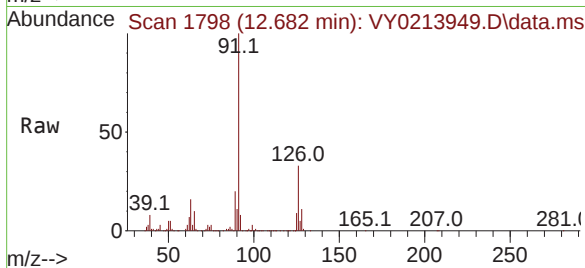
VSTDICCC050

Tgt Ion: 91 Resp: 445409

Ion Ratio Lower Upper

91 100

126 34.4 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 50.855 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VY0213949.D

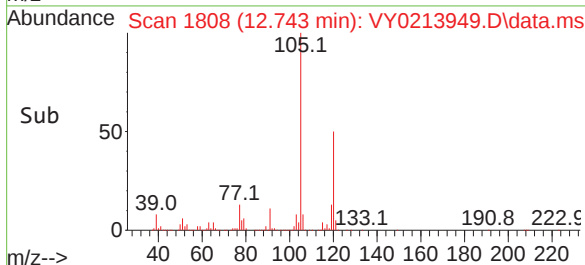
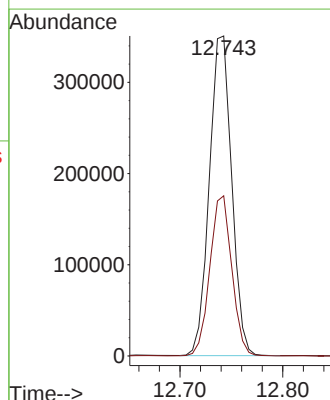
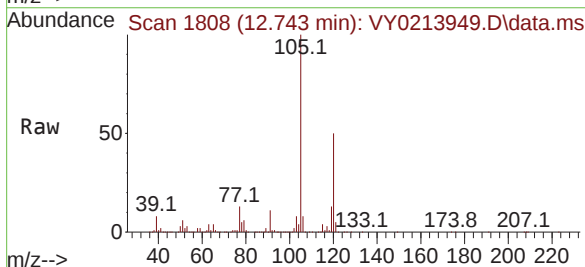
Acq: 04 Mar 2025 10:30

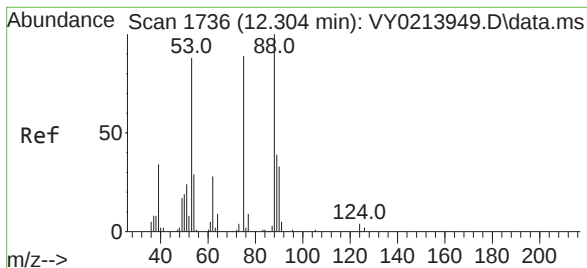
Tgt Ion: 105 Resp: 528974

Ion Ratio Lower Upper

105 100

120 49.1 24.6 73.6

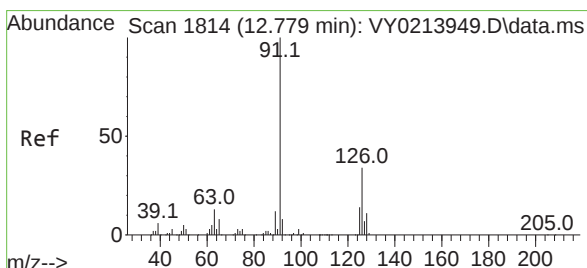
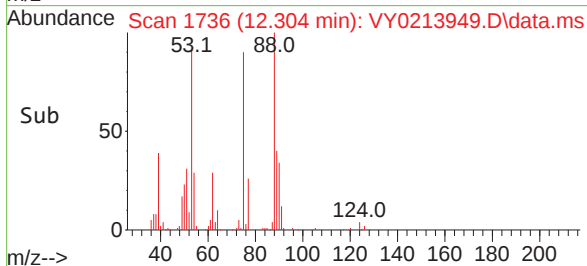
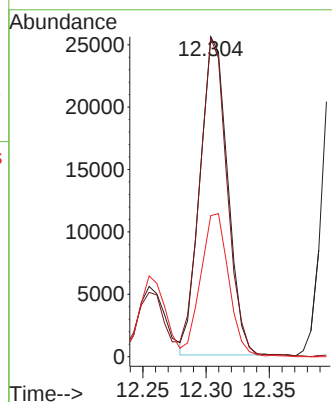
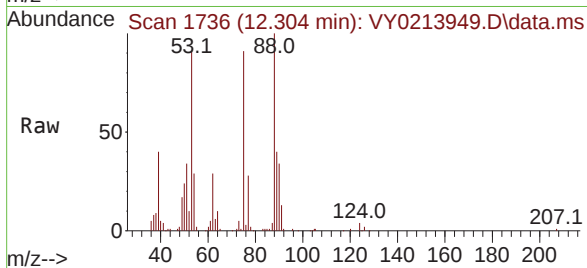




#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.727 ug/l
 RT: 12.304 min Scan# 1736
 Delta R.T. 0.000 min
 Lab File: VY0213949.D
 Acq: 04 Mar 2025 10:30

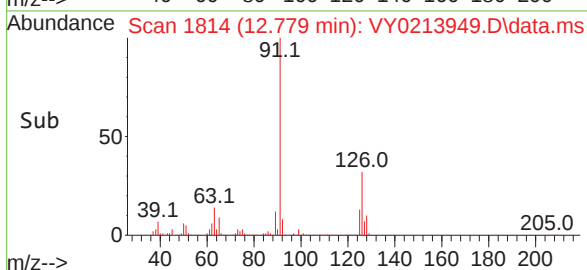
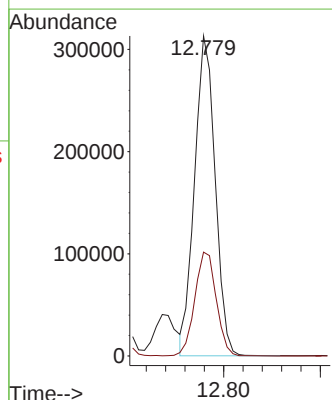
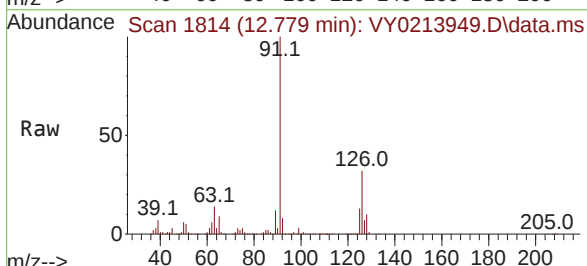
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

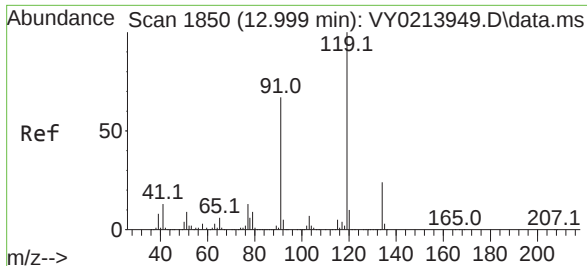
Tgt Ion: 75 Resp: 38697
 Ion Ratio Lower Upper
 75 100
 53 101.2 81.0 121.4
 89 46.1 36.9 55.3



#82
 4-Chlorotoluene
 Concen: 50.291 ug/l
 RT: 12.779 min Scan# 1814
 Delta R.T. 0.000 min
 Lab File: VY0213949.D
 Acq: 04 Mar 2025 10:30

Tgt Ion: 91 Resp: 462879
 Ion Ratio Lower Upper
 91 100
 126 34.0 17.0 51.0

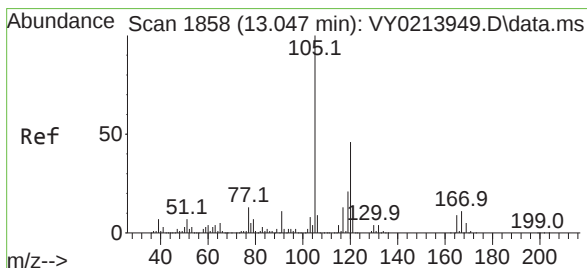
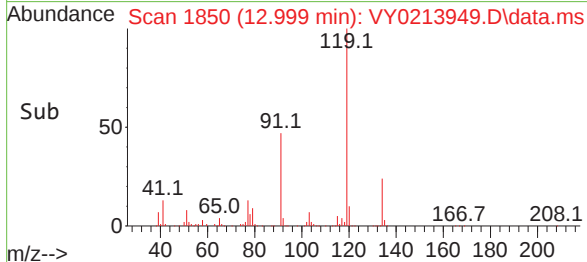
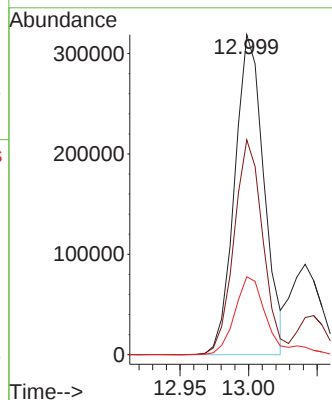
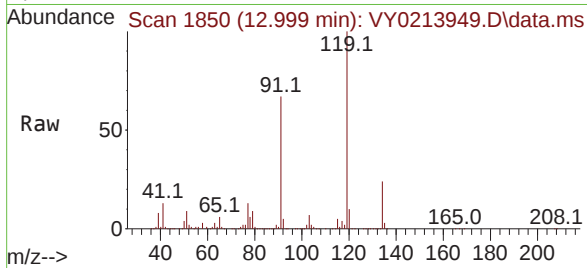




#83
 tert-Butylbenzene
 Concen: 51.194 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY0213949.D
 Acq: 04 Mar 2025 10:30

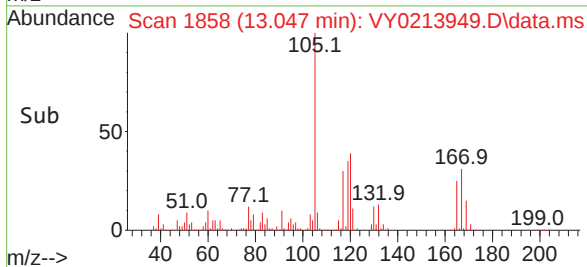
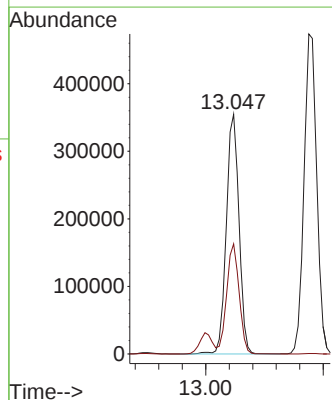
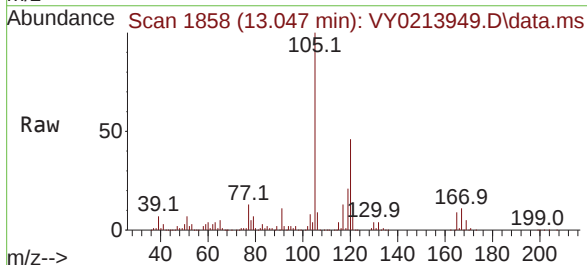
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

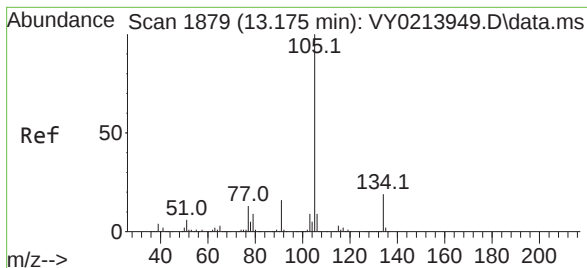
Tgt Ion:119 Resp: 475042
 Ion Ratio Lower Upper
 119 100
 91 66.4 33.2 99.6
 134 27.0 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 51.505 ug/l
 RT: 13.047 min Scan# 1858
 Delta R.T. 0.000 min
 Lab File: VY0213949.D
 Acq: 04 Mar 2025 10:30

Tgt Ion:105 Resp: 531919
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.7 68.1

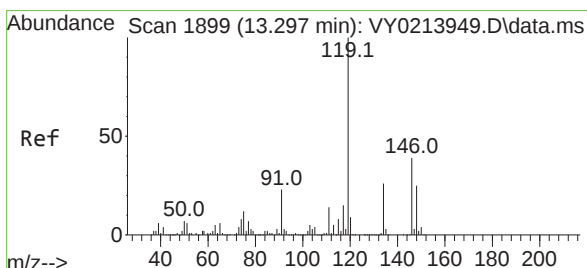
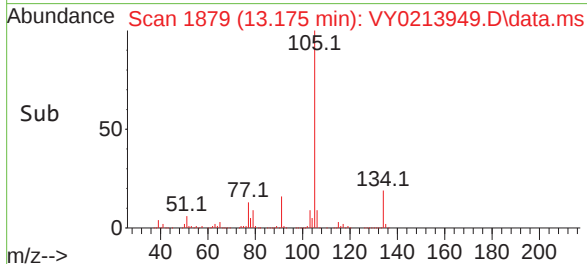
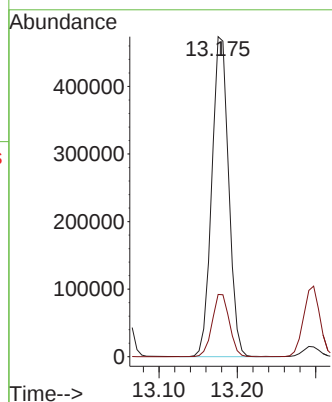
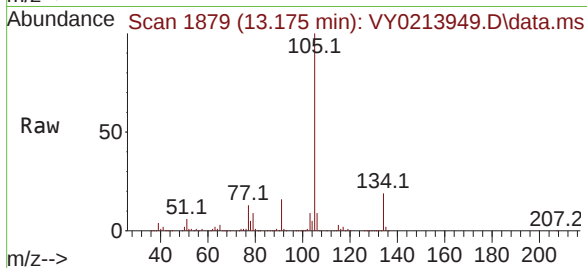




#85
 sec-Butylbenzene
 Concen: 51.284 ug/l
 RT: 13.175 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY0213949.D
 Acq: 04 Mar 2025 10:30

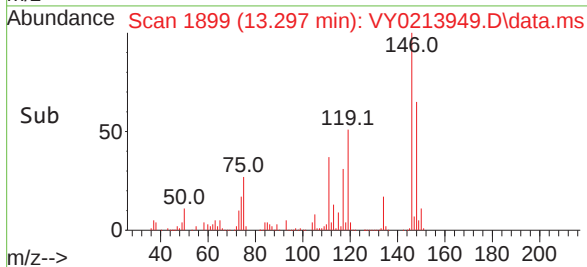
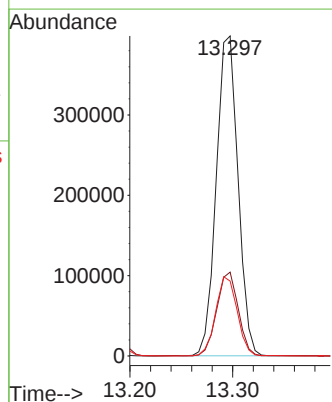
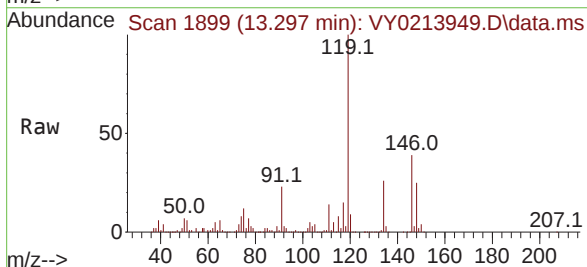
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

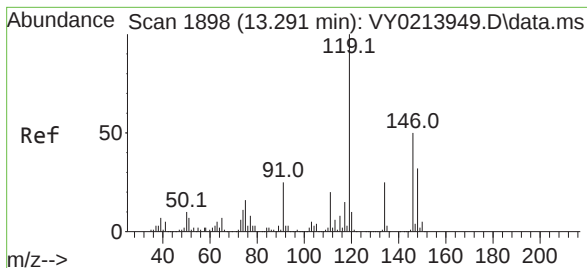
Tgt Ion:105 Resp: 708040
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 51.302 ug/l
 RT: 13.297 min Scan# 1899
 Delta R.T. 0.000 min
 Lab File: VY0213949.D
 Acq: 04 Mar 2025 10:30

Tgt Ion:119 Resp: 583517
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.1
 91 24.4 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 49.392 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY0213949.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

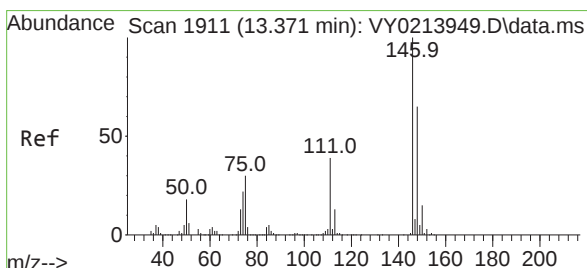
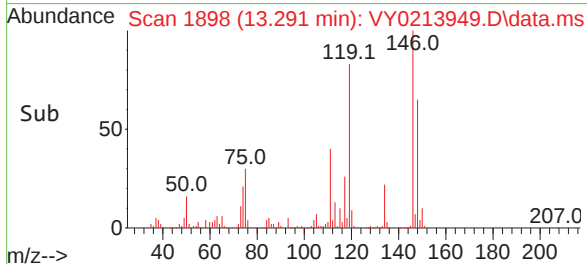
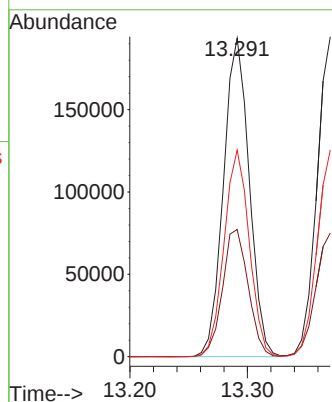
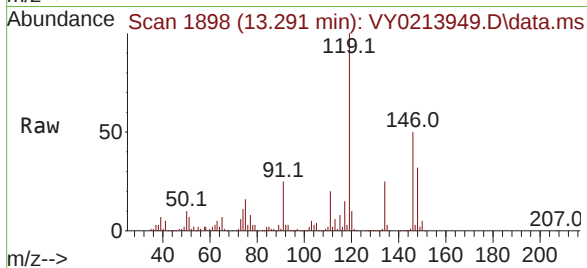
Tgt Ion:146 Resp: 294406

Ion Ratio Lower Upper

146 100

111 40.0 20.0 60.0

148 63.5 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 49.675 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY0213949.D

Acq: 04 Mar 2025 10:30

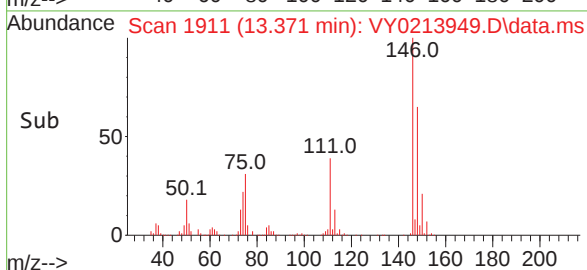
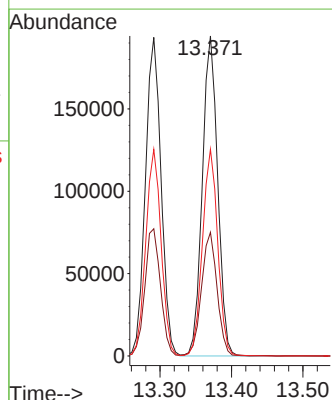
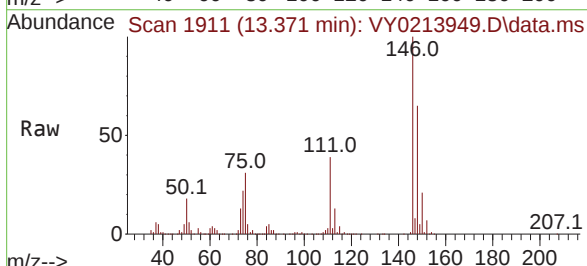
Tgt Ion:146 Resp: 289572

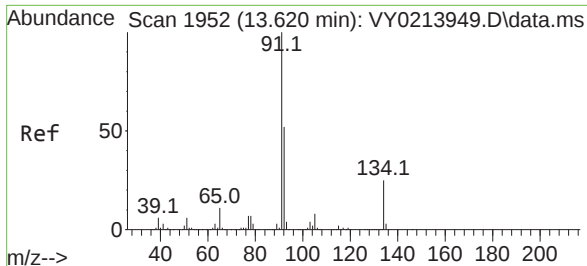
Ion Ratio Lower Upper

146 100

111 39.2 19.6 58.8

148 64.5 32.3 96.8

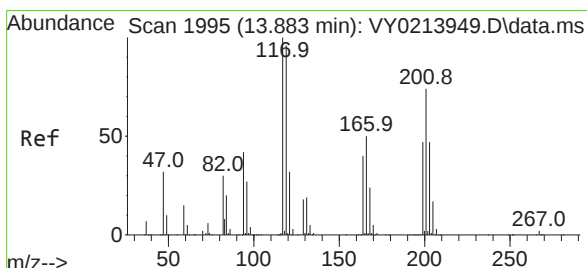
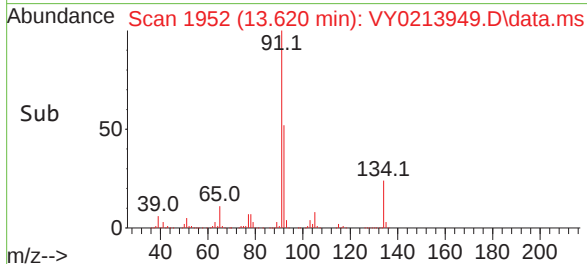
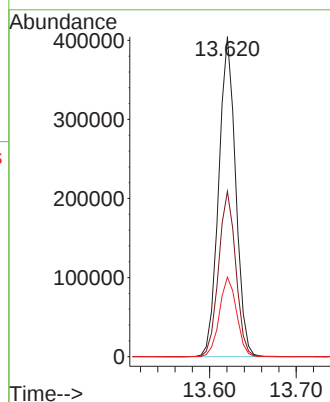
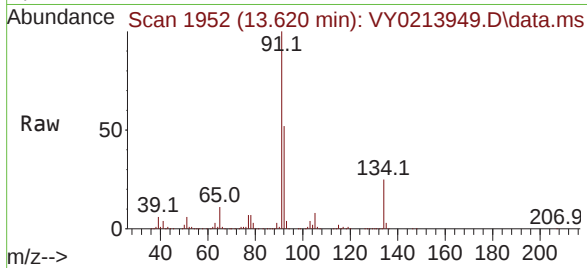




#89
n-Butylbenzene
Concen: 52.392 ug/l
RT: 13.620 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

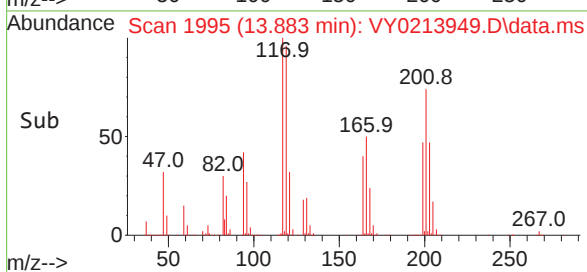
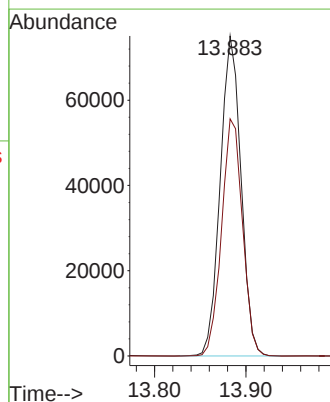
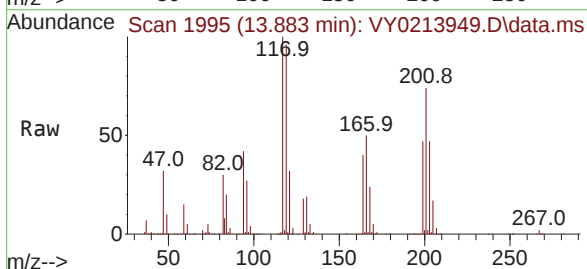
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

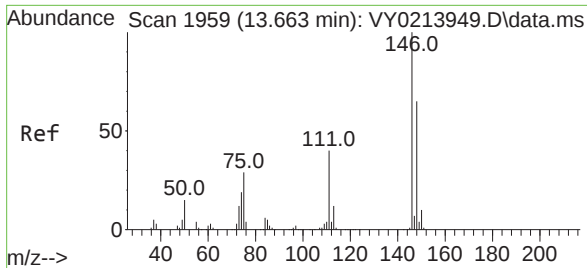
Tgt Ion: 91 Resp: 550274
Ion Ratio Lower Upper
91 100
92 52.2 26.1 78.3
134 25.2 12.6 37.8



#90
Hexachloroethane
Concen: 48.822 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

Tgt Ion: 117 Resp: 118465
Ion Ratio Lower Upper
117 100
201 74.8 37.4 112.2

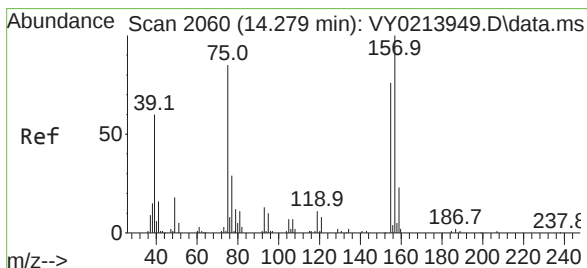
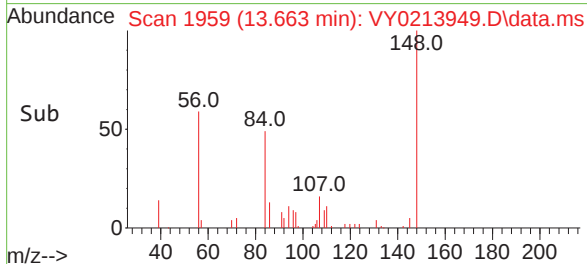
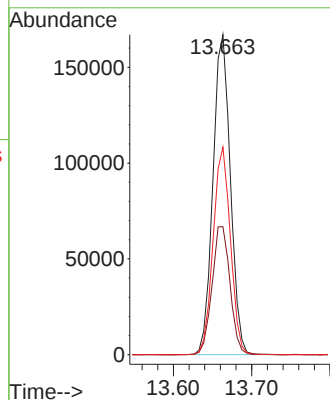
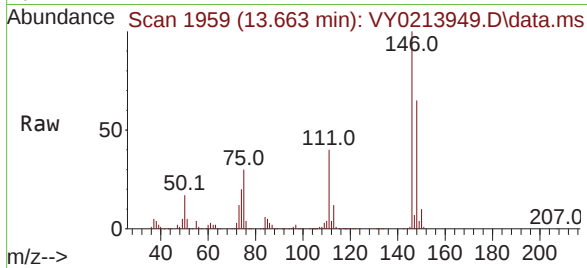




#91
1,2-Dichlorobenzene
Concen: 50.517 ug/l
RT: 13.663 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

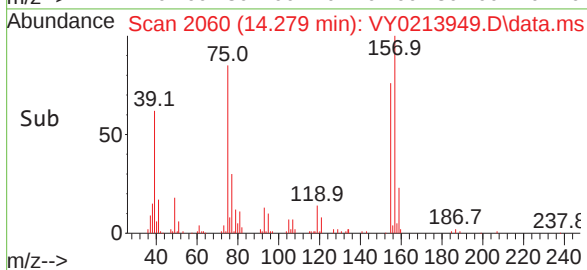
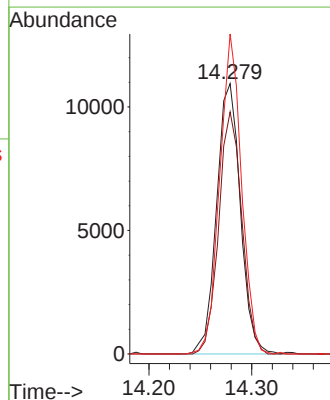
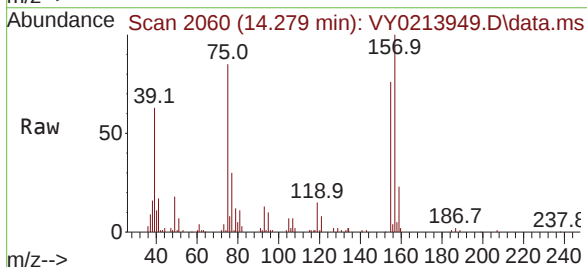
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

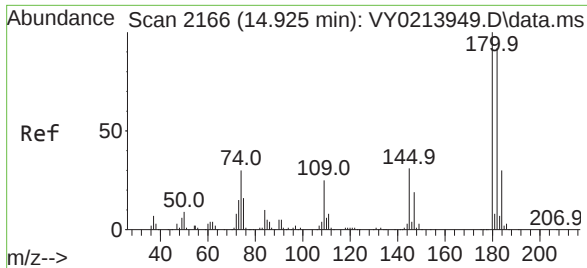
Tgt Ion:146 Resp: 258078
Ion Ratio Lower Upper
146 100
111 41.4 20.7 62.1
148 64.3 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.924 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

Tgt Ion: 75 Resp: 17568
Ion Ratio Lower Upper
75 100
155 87.0 43.5 130.5
157 108.8 54.4 163.2

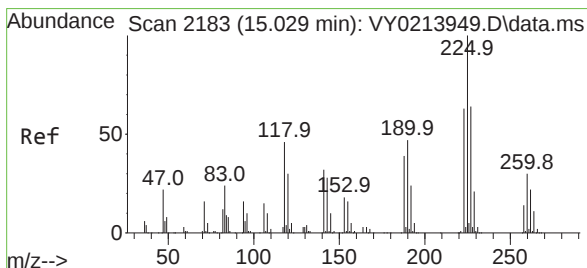
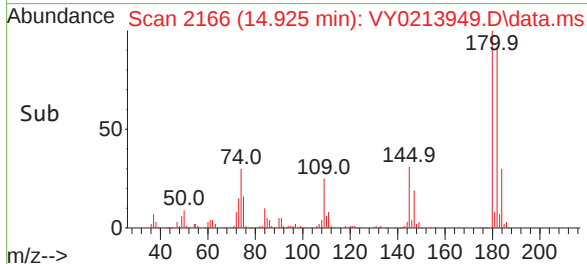
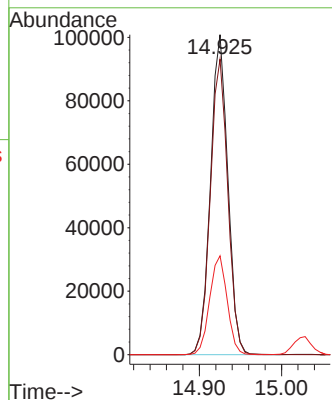
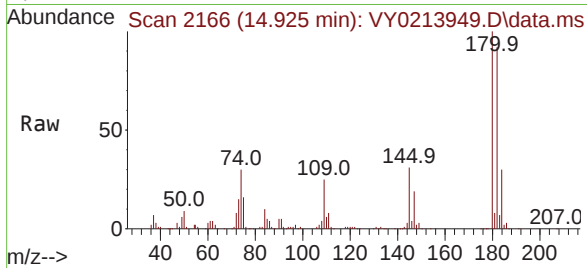




#93
 1,2,4-Trichlorobenzene
 Concen: 52.891 ug/l
 RT: 14.925 min Scan# 2166
 Delta R.T. 0.000 min
 Lab File: VY0213949.D
 Acq: 04 Mar 2025 10:30

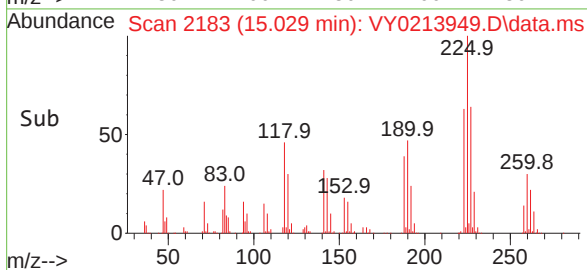
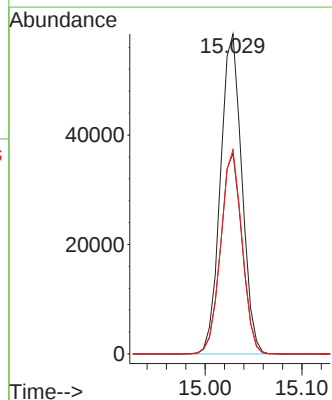
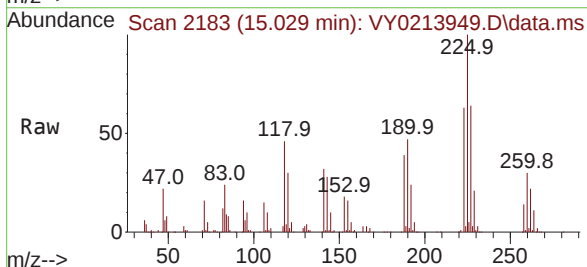
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

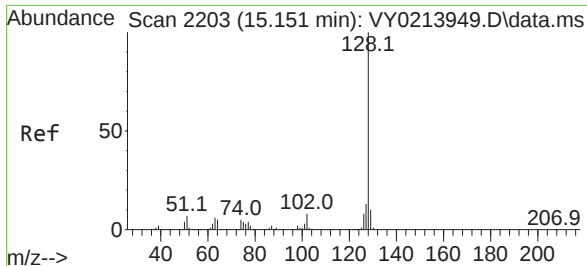
Tgt Ion:180 Resp: 147587
 Ion Ratio Lower Upper
 180 100
 182 93.3 46.7 140.0
 145 31.2 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 51.220 ug/l
 RT: 15.029 min Scan# 2183
 Delta R.T. 0.000 min
 Lab File: VY0213949.D
 Acq: 04 Mar 2025 10:30

Tgt Ion:225 Resp: 89592
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.4 94.2
 227 63.6 31.8 95.4

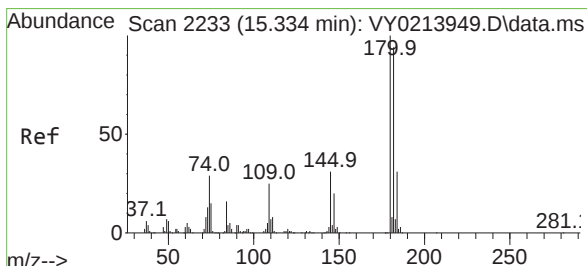
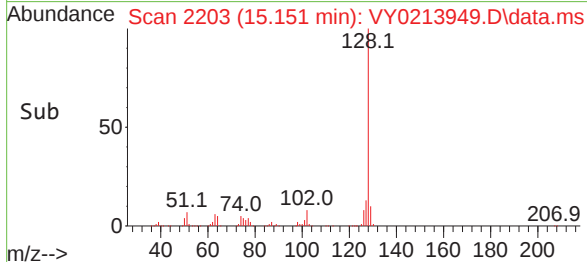
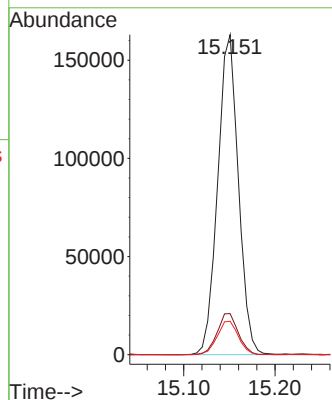
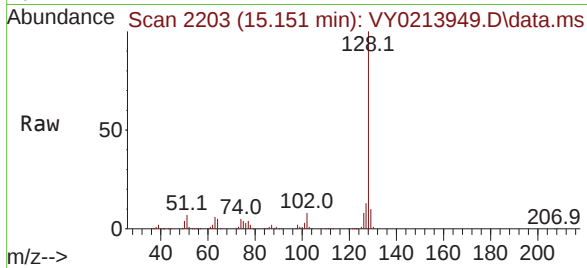




#95
Naphthalene
Concen: 53.894 ug/l
RT: 15.151 min Scan# 2203
Delta R.T. -0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 256660
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 53.673 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY0213949.D
Acq: 04 Mar 2025 10:30

Tgt Ion:180 Resp: 125962
Ion Ratio Lower Upper
180 100
182 94.4 47.2 141.6
145 32.7 16.4 49.1

