

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
 Data File : VY021472.D
 Acq On : 07 Mar 2025 19:32
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 07 22:04:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	159799	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	260015	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	243626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	128624	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	112030	66.330	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.660%	
35) Dibromofluoromethane	7.634	113	106320	62.208	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 124.420%	
50) Toluene-d8	10.103	98	393289	60.775	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 121.540%	
62) 4-Bromofluorobenzene	12.408	95	139636	63.435	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 126.860%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	66730	45.505	ug/l	98
3) Chloromethane	2.068	50	115673	55.950	ug/l	100
4) Vinyl Chloride	2.202	62	123377	54.608	ug/l	97
5) Bromomethane	2.592	94	85711	52.490	ug/l	98
6) Chloroethane	2.733	64	88618	59.354	ug/l	98
7) Trichlorofluoromethane	3.056	101	161328	51.158	ug/l	99
8) Diethyl Ether	3.452	74	49585	56.738	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.812	101	87532	48.617	ug/l	99
10) Methyl Iodide	4.007	142	108170	59.104	ug/l	99
11) Tert butyl alcohol	4.866	59	29064	266.120	ug/l	99
12) 1,1-Dichloroethene	3.787	96	81925	49.909	ug/l	97
13) Acrolein	3.647	56	3669	42.709	ug/l	93
14) Allyl chloride	4.385	41	139527	52.598	ug/l	100
15) Acrylonitrile	5.061	53	108172	290.769	ug/l	99
16) Acetone	3.867	43	84843	230.313	ug/l	97
17) Carbon Disulfide	4.104	76	264852	51.484	ug/l	99
18) Methyl Acetate	4.379	43	55378	67.751	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	233607	56.149	ug/l	100
20) Methylene Chloride	4.616	84	104112	53.841	ug/l	96
21) trans-1,2-Dichloroethene	5.110	96	98637	53.656	ug/l	95
22) Diisopropyl ether	6.019	45	336012	58.776	ug/l	99
23) Vinyl Acetate	5.958	43	937037	287.202	ug/l	99
24) 1,1-Dichloroethane	5.915	63	190871	56.570	ug/l	99
25) 2-Butanone	6.896	43	137773	270.364	ug/l	98
26) 2,2-Dichloropropane	6.890	77	119963	38.641	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	118369	56.679	ug/l	95
28) Bromochloromethane	7.244	49	92536	65.418	ug/l	99
29) Tetrahydrofuran	7.262	42	94900	301.661	ug/l	98
30) Chloroform	7.421	83	199591	56.967	ug/l	97
31) Cyclohexane	7.701	56	147210	46.538	ug/l	95
32) 1,1,1-Trichloroethane	7.616	97	168699	52.586	ug/l	99
36) 1,1-Dichloropropene	7.835	75	131874	49.293	ug/l	99
37) Ethyl Acetate	6.982	43	65324	55.245	ug/l	98
38) Carbon Tetrachloride	7.817	117	150145	48.799	ug/l	97
39) Methylcyclohexane	9.110	83	152320	46.417	ug/l	99
40) Benzene	8.079	78	422900	53.662	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
 Data File : VY021472.D
 Acq On : 07 Mar 2025 19:32
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Mar 07 22:04:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	34441	53.493	ug/l #	93
42) 1,2-Dichloroethane	8.158	62	122666	55.638	ug/l	100
43) Isopropyl Acetate	8.195	43	126898	55.283	ug/l #	88
44) Trichloroethene	8.866	130	102489	51.464	ug/l	100
45) 1,2-Dichloropropane	9.140	63	102785	54.800	ug/l	96
46) Dibromomethane	9.231	93	57971	55.548	ug/l	99
47) Bromodichloromethane	9.420	83	154339	55.687	ug/l	98
48) Methyl methacrylate	9.219	41	60548	57.443	ug/l	99
49) 1,4-Dioxane	9.231	88	12734	1243.123	ug/l	95
51) 4-Methyl-2-Pentanone	10.000	43	346952	292.943	ug/l	98
52) Toluene	10.170	92	267596	53.858	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	127113	52.057	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	148526	51.233	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	76322	55.907	ug/l	99
56) Ethyl methacrylate	10.439	69	100423	57.679	ug/l	100
57) 1,3-Dichloropropane	10.713	76	134004	56.635	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	251488	312.904	ug/l	99
59) 2-Hexanone	10.762	43	225862	288.408	ug/l	98
60) Dibromochloromethane	10.908	129	103876	55.502	ug/l	99
61) 1,2-Dibromoethane	11.012	107	71825	55.746	ug/l	98
64) Tetrachloroethene	10.646	164	106706	53.863	ug/l	97
65) Chlorobenzene	11.444	112	289584	50.335	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	103394	50.833	ug/l	99
67) Ethyl Benzene	11.518	91	505112	50.022	ug/l	99
68) m/p-Xylenes	11.627	106	388148	101.247	ug/l	99
69) o-Xylene	11.957	106	181856	51.470	ug/l	100
70) Styrene	11.969	104	311809	53.196	ug/l	99
71) Bromoform	12.133	173	59303	52.156	ug/l #	98
73) Isopropylbenzene	12.255	105	474321	46.814	ug/l	100
74) N-amyl acetate	12.072	43	111260	50.563	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	87173	48.756	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	109877	84.774	ug/l #	100
77) Bromobenzene	12.530	156	114220	48.186	ug/l	99
78) n-propylbenzene	12.597	91	578295	46.996	ug/l	100
79) 2-Chlorotoluene	12.682	91	338516	48.112	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	397827	48.316	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	22674	39.769	ug/l	98
82) 4-Chlorotoluene	12.780	91	353763	48.554	ug/l	100
83) tert-Butylbenzene	12.999	119	348108	47.391	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	398798	48.781	ug/l	99
85) sec-Butylbenzene	13.176	105	508061	46.488	ug/l	100
86) p-Isopropyltoluene	13.292	119	425675	47.277	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	223446	47.356	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	219451	47.557	ug/l	99
89) n-Butylbenzene	13.621	91	389348	46.830	ug/l	99
90) Hexachloroethane	13.883	117	90404	47.066	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	197868	48.928	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	13326	49.756	ug/l	94
93) 1,2,4-Trichlorobenzene	14.926	180	104801	47.445	ug/l	99
94) Hexachlorobutadiene	15.023	225	62326	45.013	ug/l	98
95) Naphthalene	15.145	128	183025	49.133	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	90962	48.963	ug/l	99

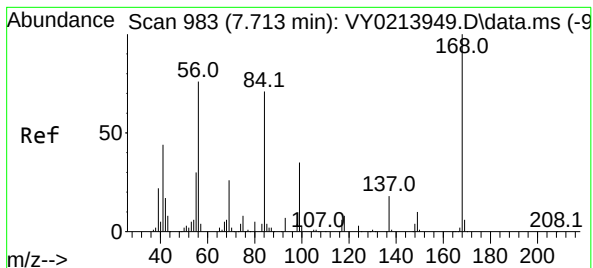
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021472.D
Acq On : 07 Mar 2025 19:32
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Mar 07 22:04:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021472.D

Acq: 07 Mar 2025 19:32

Instrument :

MSVOA_Y

ClientSampleId :

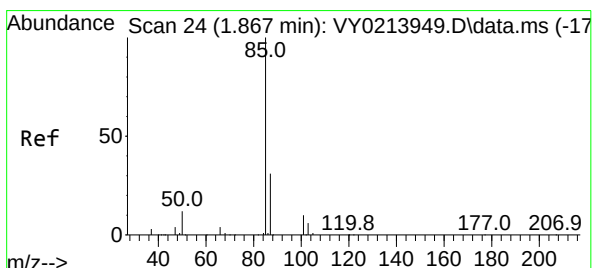
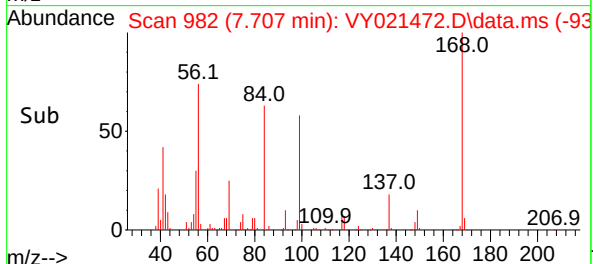
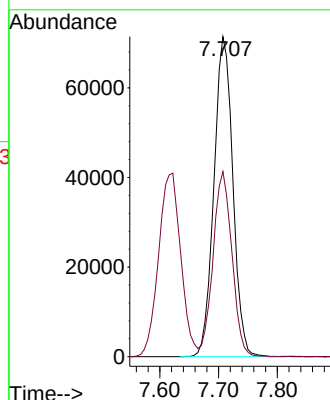
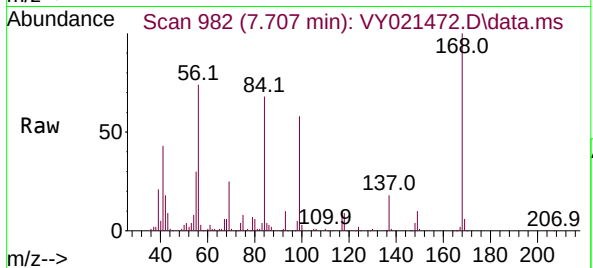
VSTDCCC050EC

Tgt Ion:168 Resp: 159799

Ion Ratio Lower Upper

168 100

99 57.8 46.0 69.0



#2

Dichlorodifluoromethane

Concen: 45.505 ug/l

RT: 1.861 min Scan# 23

Delta R.T. -0.006 min

Lab File: VY021472.D

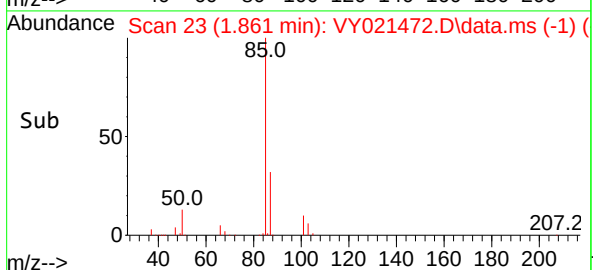
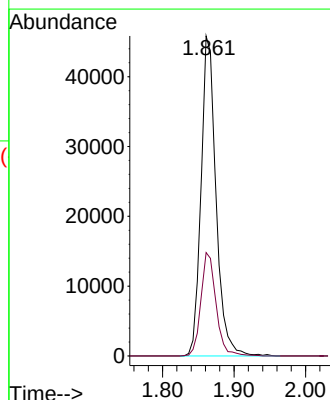
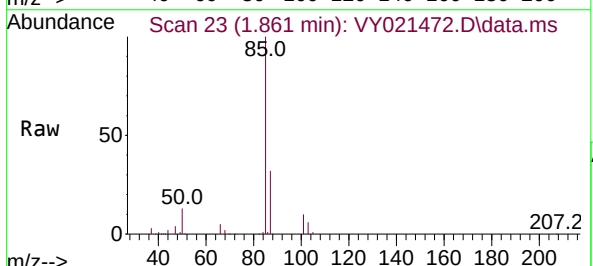
Acq: 07 Mar 2025 19:32

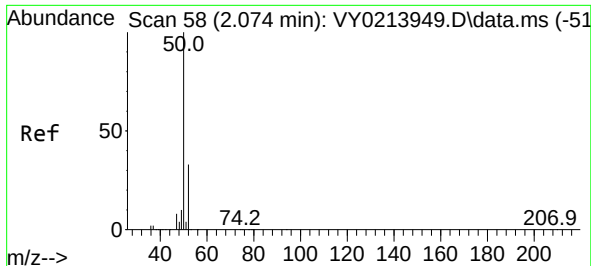
Tgt Ion: 85 Resp: 66730

Ion Ratio Lower Upper

85 100

87 32.3 15.7 47.0

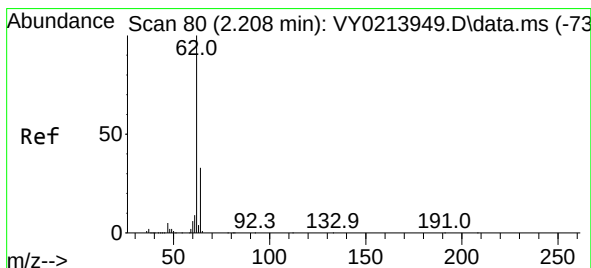
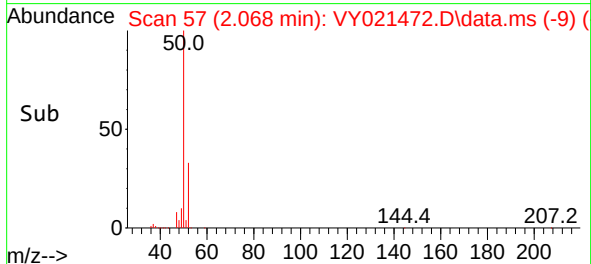
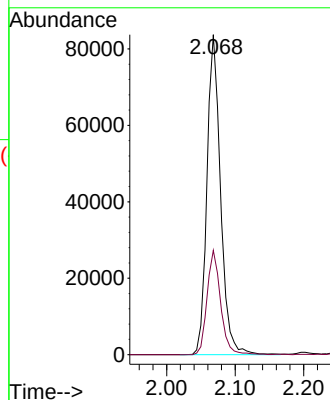
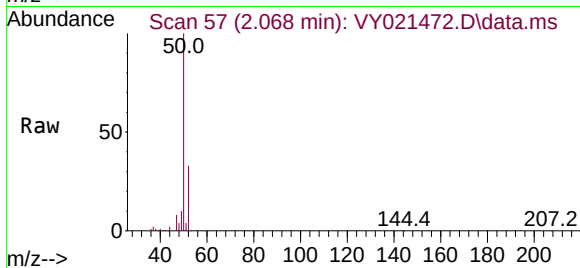




#3
Chloromethane
Concen: 55.950 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

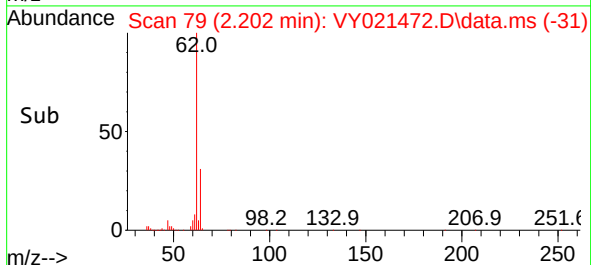
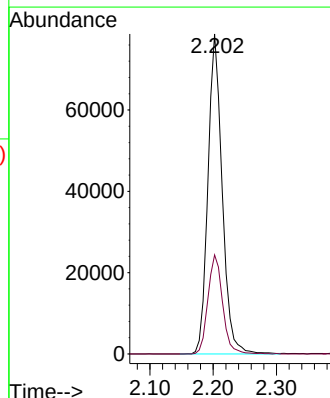
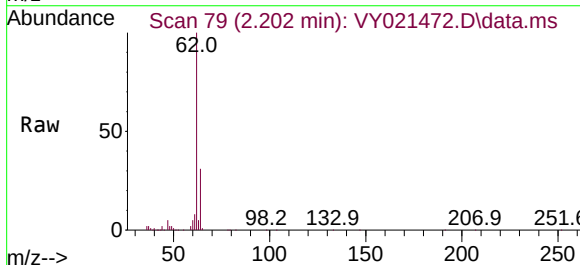
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

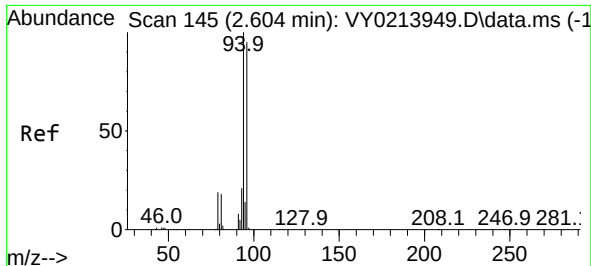
Tgt Ion: 50 Resp: 115673
Ion Ratio Lower Upper
50 100
52 32.6 26.2 39.2



#4
Vinyl Chloride
Concen: 54.608 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

Tgt Ion: 62 Resp: 123377
Ion Ratio Lower Upper
62 100
64 31.0 26.2 39.2

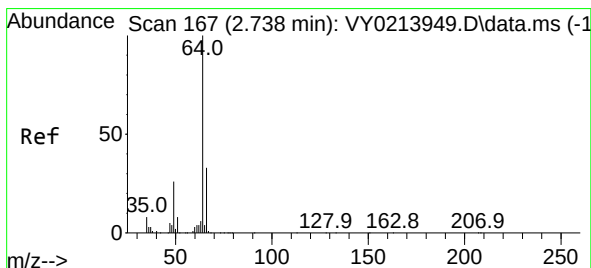
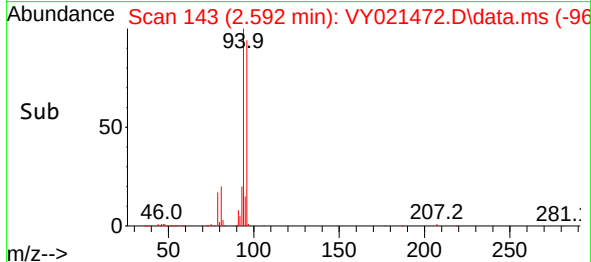
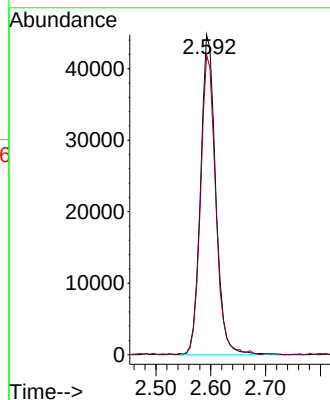
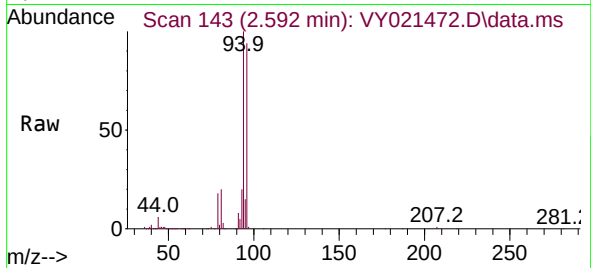




#5
Bromomethane
Concen: 52.490 ug/l
RT: 2.592 min Scan# 14
Delta R.T. -0.012 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

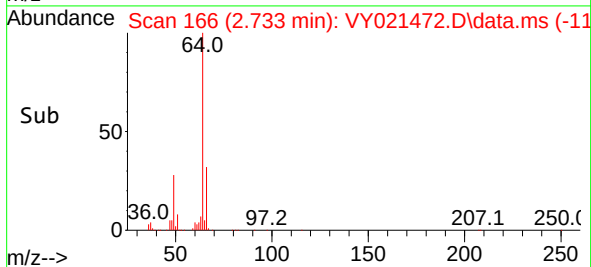
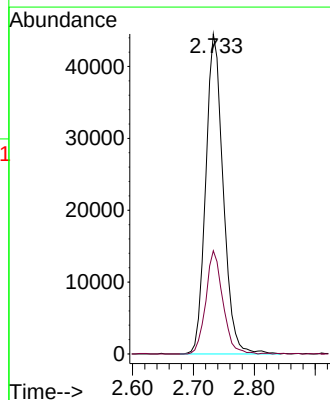
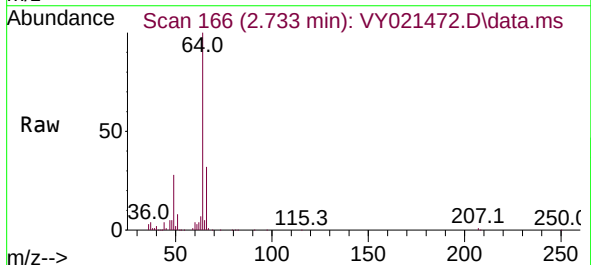
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

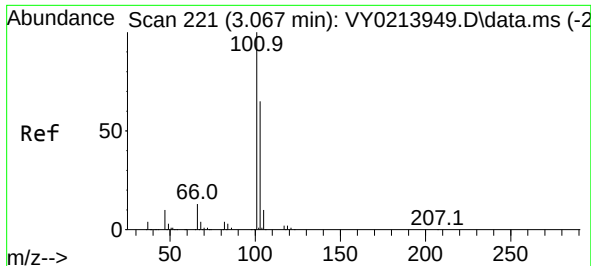
Tgt Ion: 94 Resp: 85711
Ion Ratio Lower Upper
94 100
96 93.5 76.3 114.5



#6
Chloroethane
Concen: 59.354 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

Tgt Ion: 64 Resp: 88618
Ion Ratio Lower Upper
64 100
66 32.3 26.7 40.1

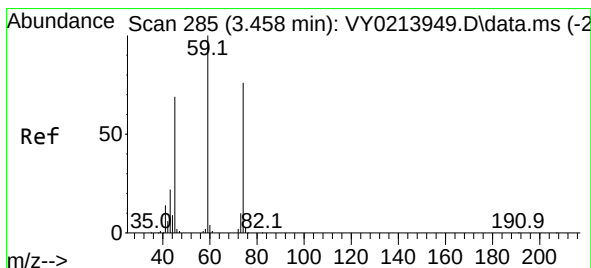
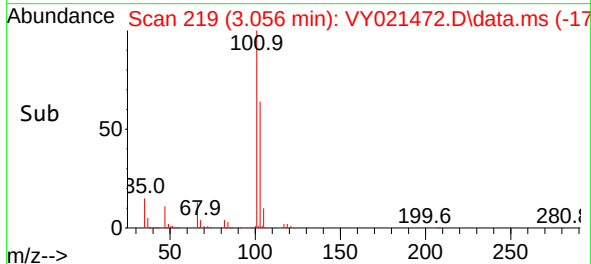
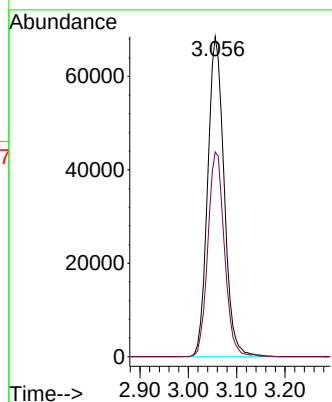
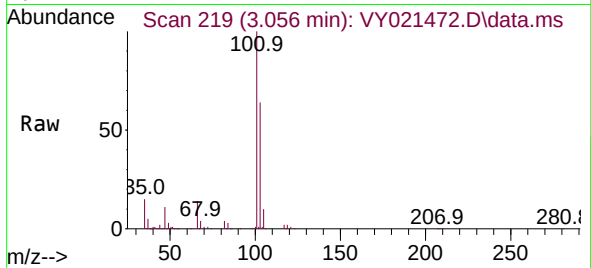




#7
 Trichlorofluoromethane
 Concen: 51.158 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. -0.012 min
 Lab File: VY021472.D
 Acq: 07 Mar 2025 19:32

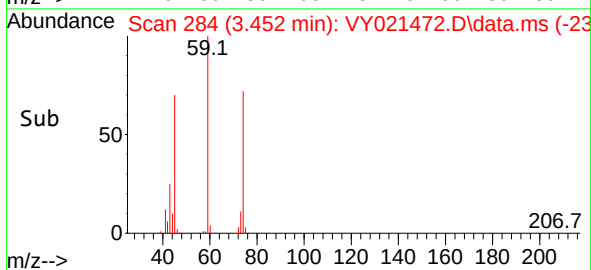
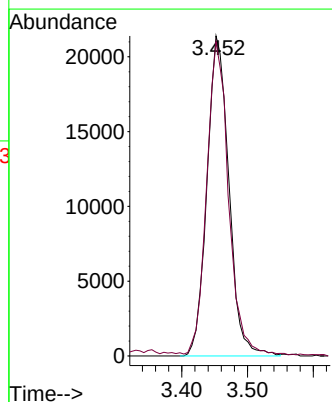
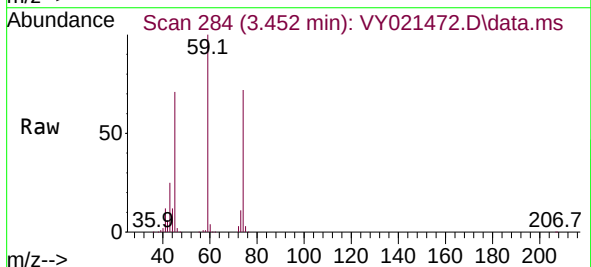
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

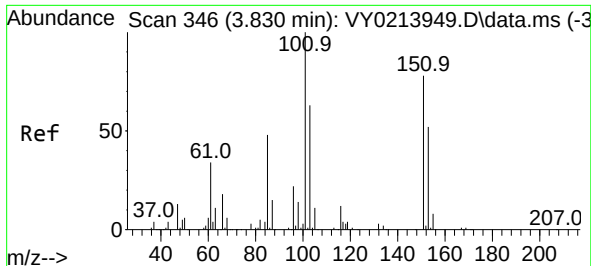
Tgt Ion:101 Resp: 161328
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.7 77.5



#8
 Diethyl Ether
 Concen: 56.738 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY021472.D
 Acq: 07 Mar 2025 19:32

Tgt Ion: 74 Resp: 49585
 Ion Ratio Lower Upper
 74 100
 45 97.5 49.7 149.1

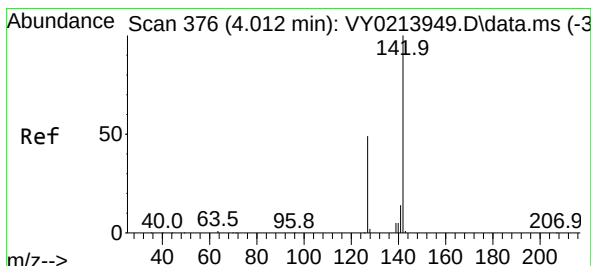
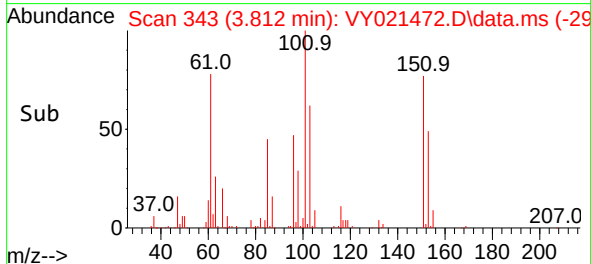
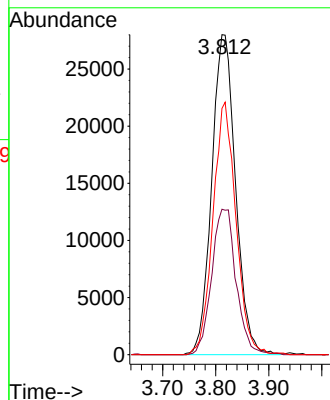
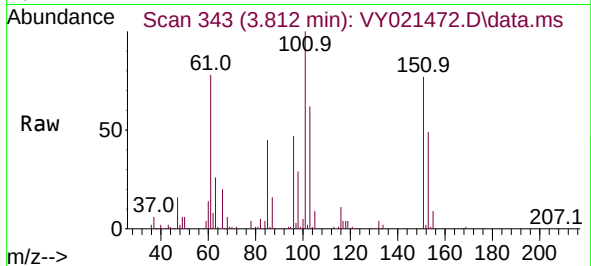




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.617 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.018 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

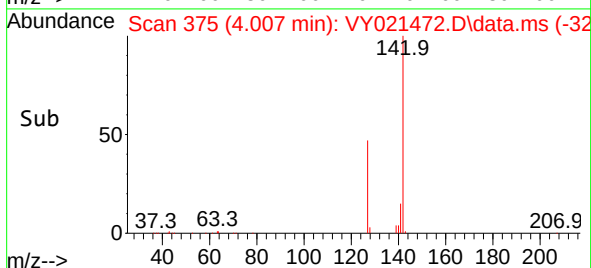
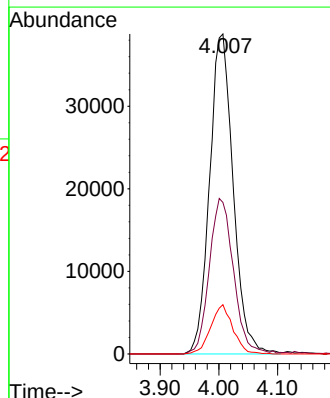
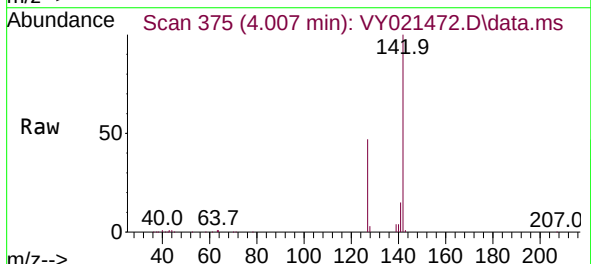
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

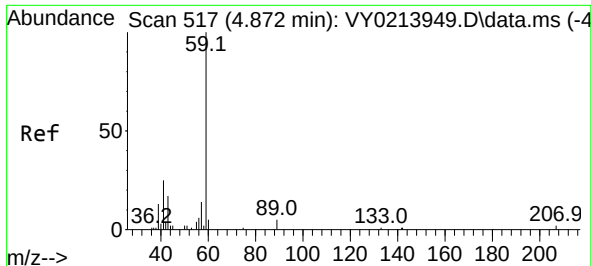
Tgt Ion:101 Resp: 87532
Ion Ratio Lower Upper
101 100
85 46.7 37.1 55.7
151 76.0 62.1 93.1



#10
Methyl Iodide
Concen: 59.104 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.006 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

Tgt Ion:142 Resp: 108170
Ion Ratio Lower Upper
142 100
127 50.0 39.1 58.7
141 14.5 11.8 17.6





#11

Tert butyl alcohol

Concen: 266.120 ug/l

RT: 4.866 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY021472.D

Acq: 07 Mar 2025 19:32

Instrument :

MSVOA_Y

ClientSampleId :

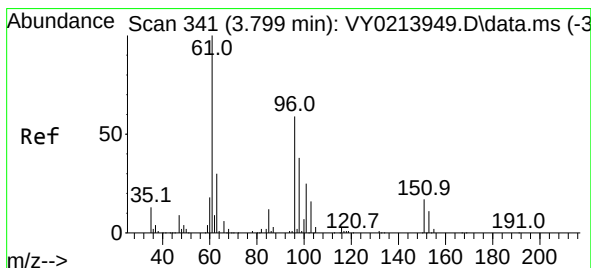
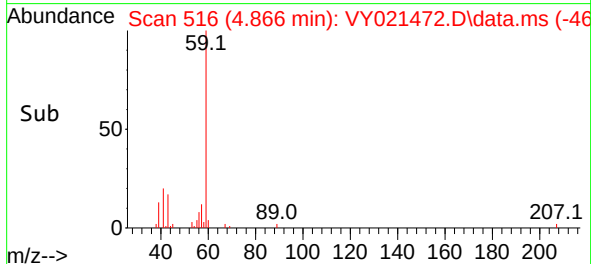
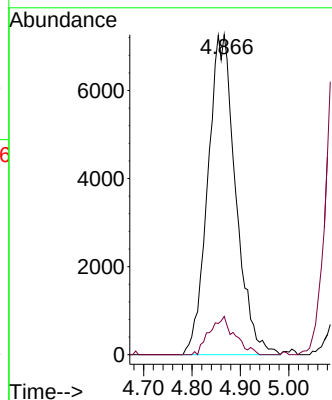
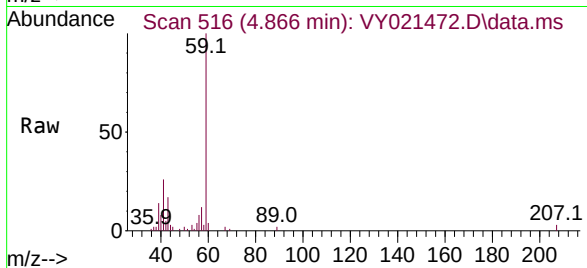
VSTDCCC050EC

Tgt Ion: 59 Resp: 29064

Ion Ratio Lower Upper

59 100

57 10.7 8.2 12.4



#12

1,1-Dichloroethene

Concen: 49.909 ug/l

RT: 3.787 min Scan# 339

Delta R.T. -0.012 min

Lab File: VY021472.D

Acq: 07 Mar 2025 19:32

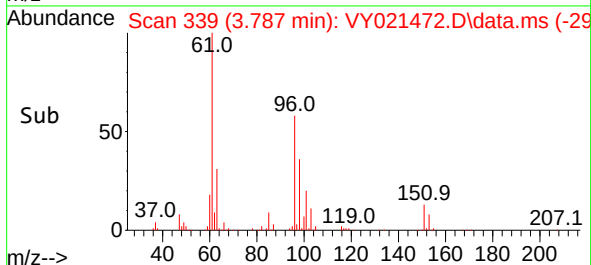
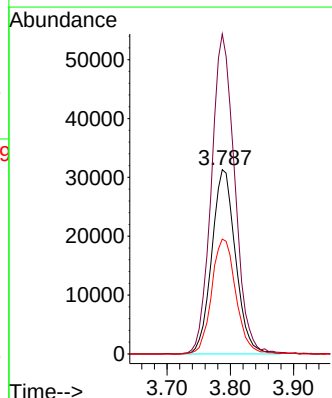
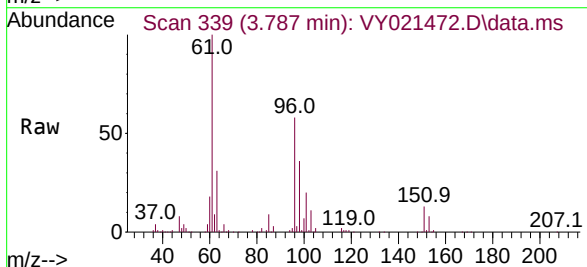
Tgt Ion: 96 Resp: 81925

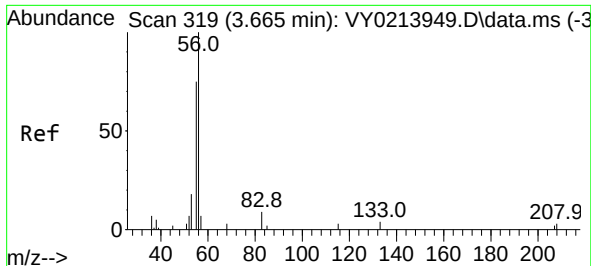
Ion Ratio Lower Upper

96 100

61 173.6 135.2 202.8

98 62.4 51.4 77.2

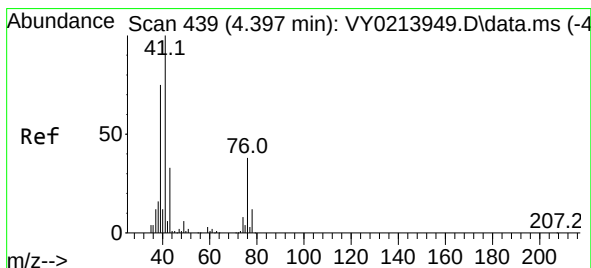
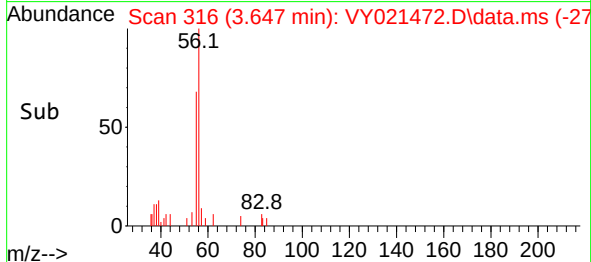
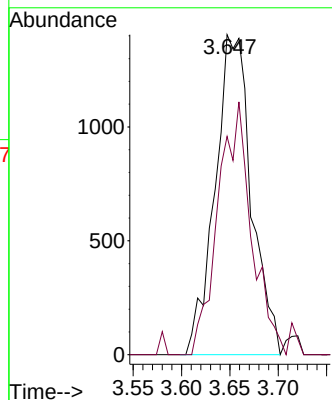
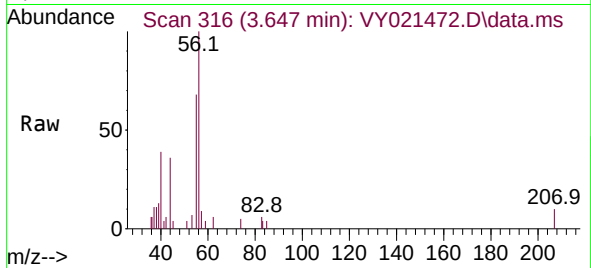




#13
Acrolein
Concen: 42.709 ug/l
RT: 3.647 min Scan# 319
Delta R.T. -0.018 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

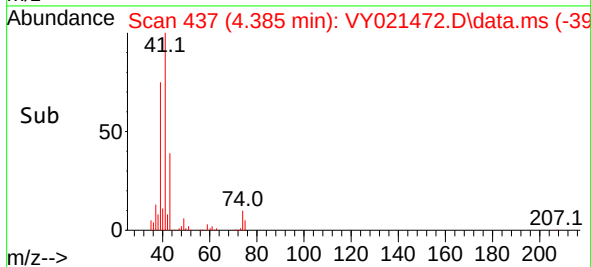
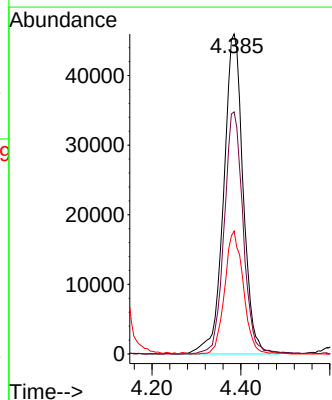
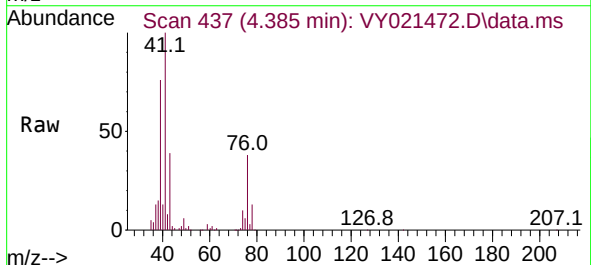
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

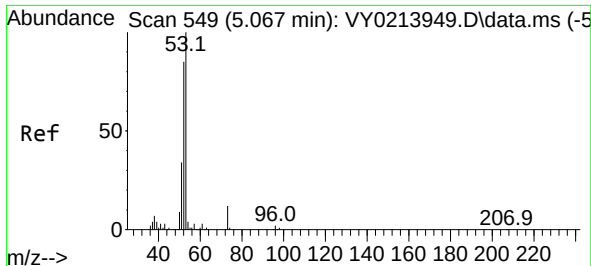
Tgt Ion: 56 Resp: 3669
Ion Ratio Lower Upper
56 100
55 72.9 63.4 95.2



#14
Allyl chloride
Concen: 52.598 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

Tgt Ion: 41 Resp: 139527
Ion Ratio Lower Upper
41 100
39 73.9 59.3 88.9
76 36.8 29.8 44.8

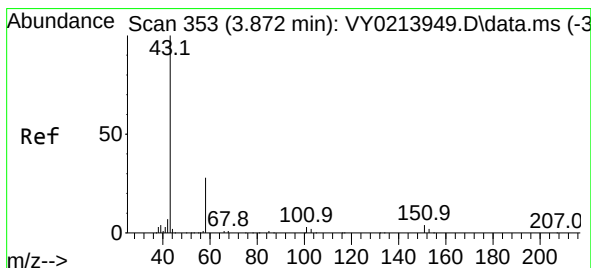
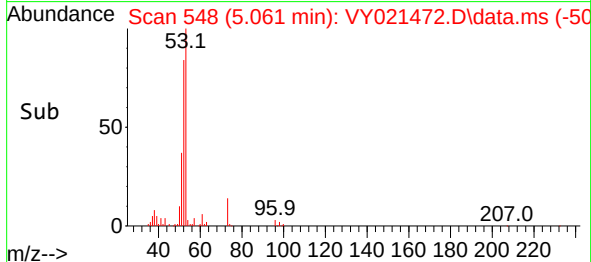
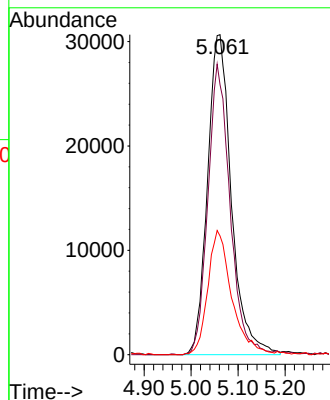
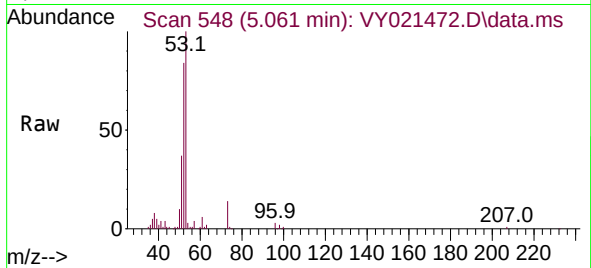




#15
Acrylonitrile
Concen: 290.769 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

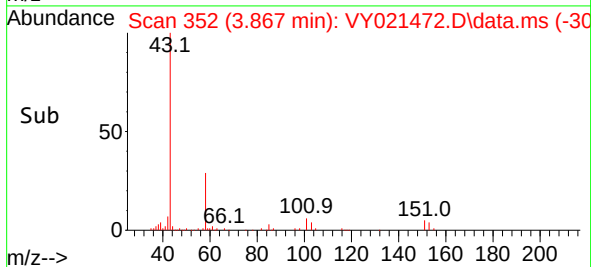
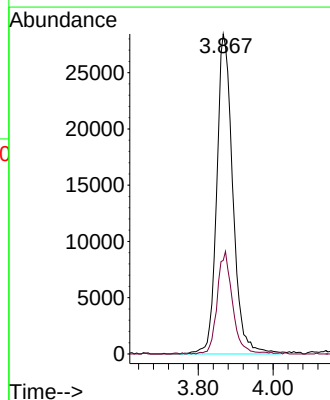
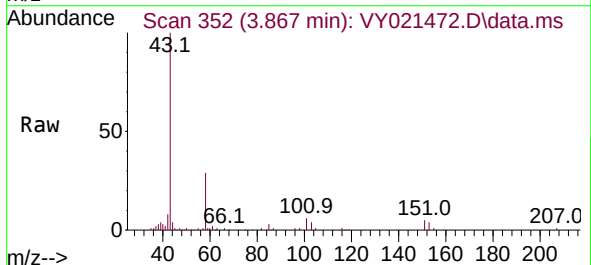
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

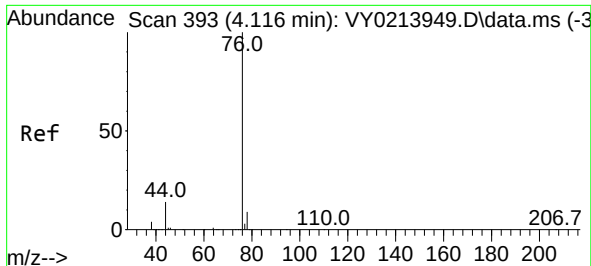
Tgt Ion: 53 Resp: 108172
Ion Ratio Lower Upper
53 100
52 84.0 66.3 99.5
51 38.8 30.3 45.5



#16
Acetone
Concen: 230.313 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.005 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

Tgt Ion: 43 Resp: 84843
Ion Ratio Lower Upper
43 100
58 29.2 22.1 33.1

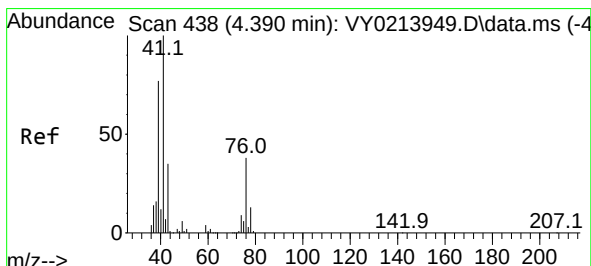
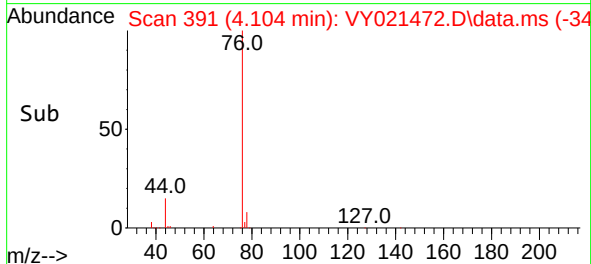
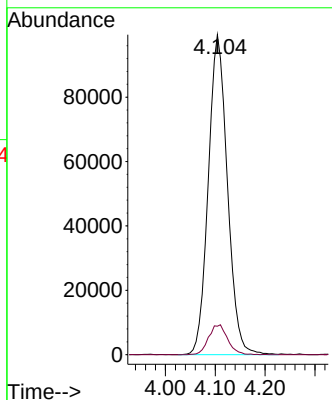
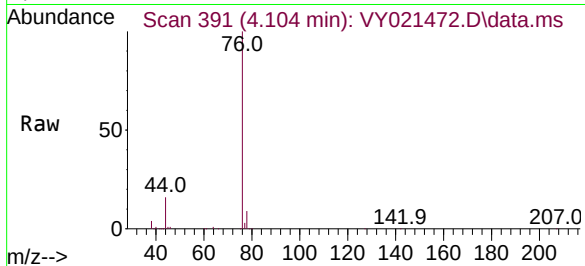




#17
Carbon Disulfide
Concen: 51.484 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

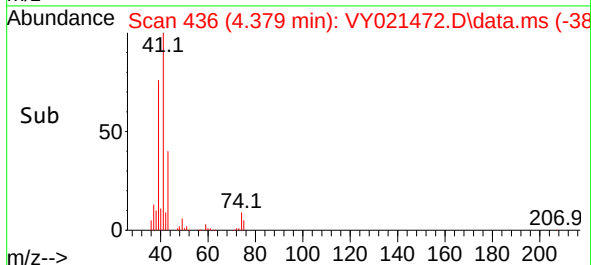
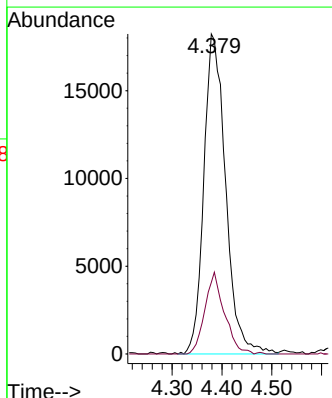
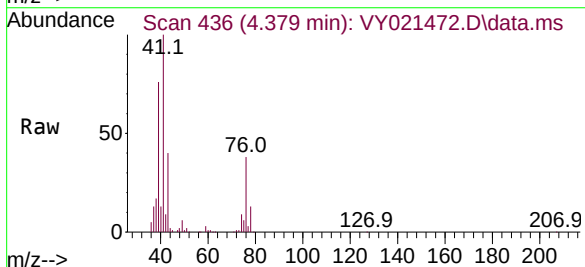
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

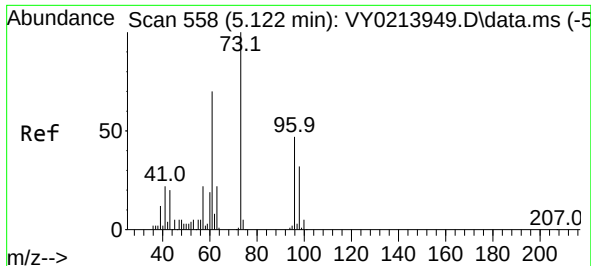
Tgt Ion: 76 Resp: 264852
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 67.751 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

Tgt Ion: 43 Resp: 55378
Ion Ratio Lower Upper
43 100
74 22.8 19.4 29.0

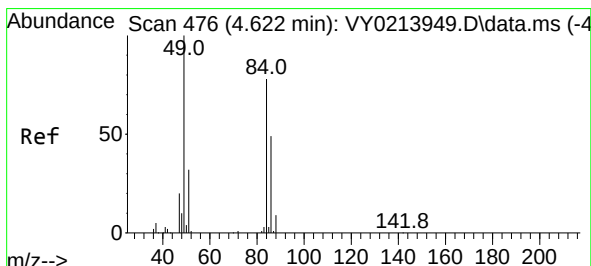
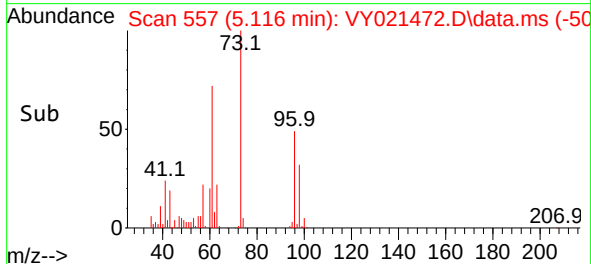
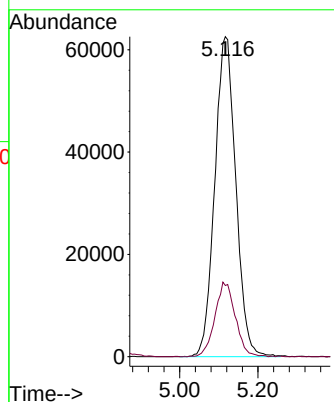
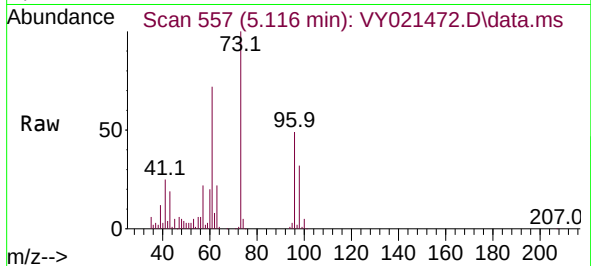




#19
Methyl tert-butyl Ether
Concen: 56.149 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

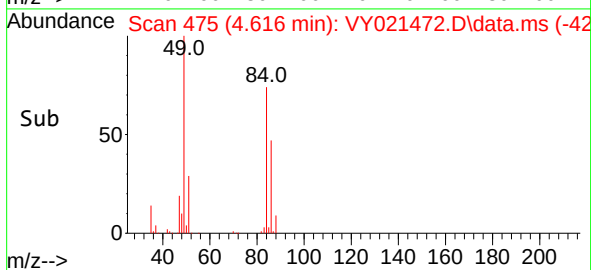
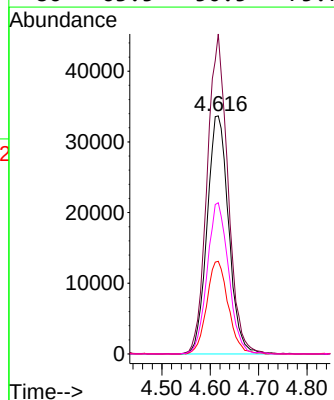
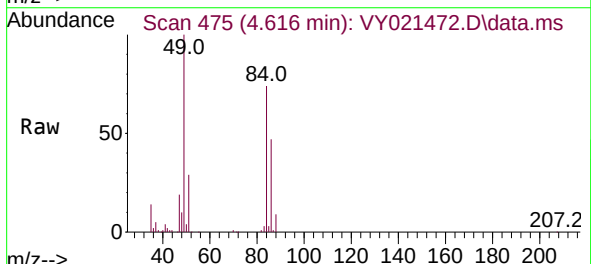
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

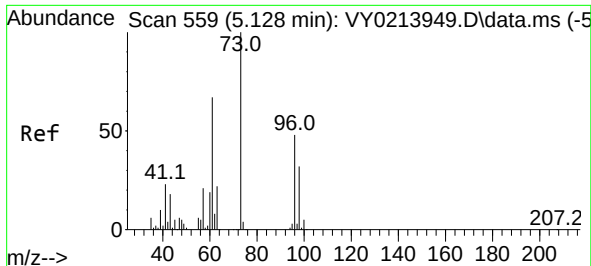
Tgt Ion: 73 Resp: 233607
Ion Ratio Lower Upper
73 100
57 22.2 17.9 26.9



#20
Methylene Chloride
Concen: 53.841 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

Tgt Ion: 84 Resp: 104112
Ion Ratio Lower Upper
84 100
49 134.4 102.0 153.0
51 38.9 33.0 49.6
86 63.5 50.5 75.7

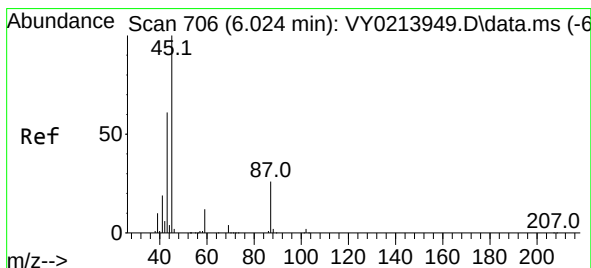
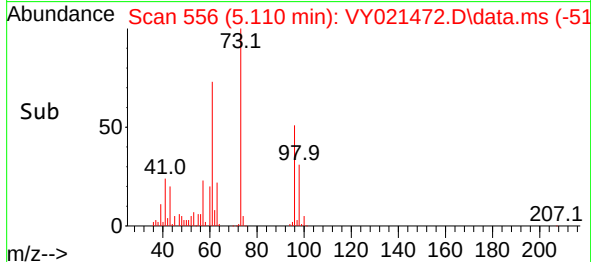
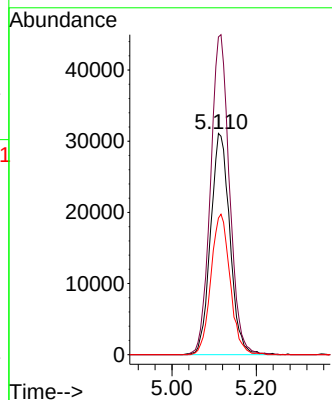
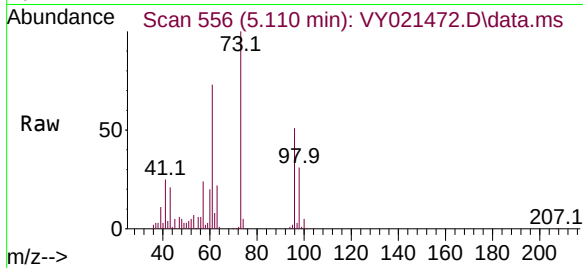




#21
trans-1,2-Dichloroethene
Concen: 53.656 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

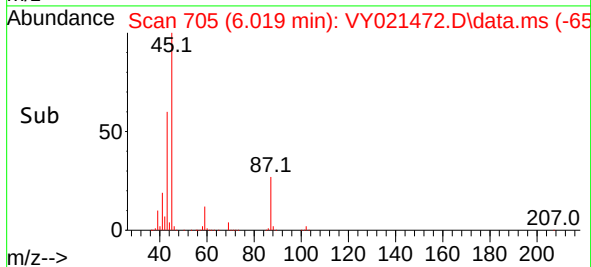
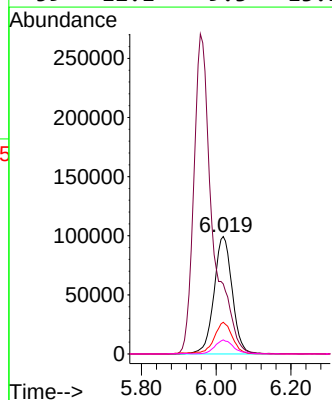
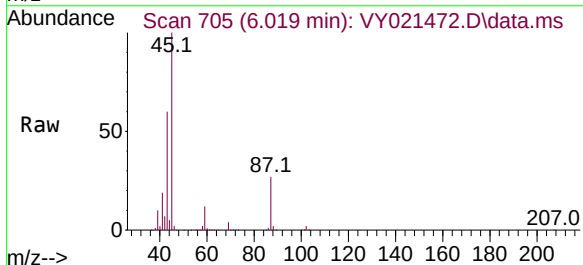
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

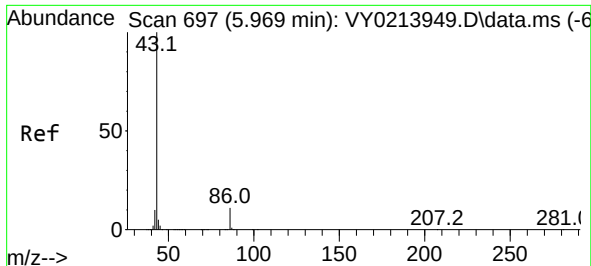
Tgt Ion: 96 Resp: 98637
Ion Ratio Lower Upper
96 100
61 143.6 111.5 167.3
98 61.7 53.8 80.8



#22
Diisopropyl ether
Concen: 58.776 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

Tgt Ion: 45 Resp: 336012
Ion Ratio Lower Upper
45 100
43 59.5 48.7 73.1
87 26.9 21.5 32.3
59 12.1 9.3 13.9

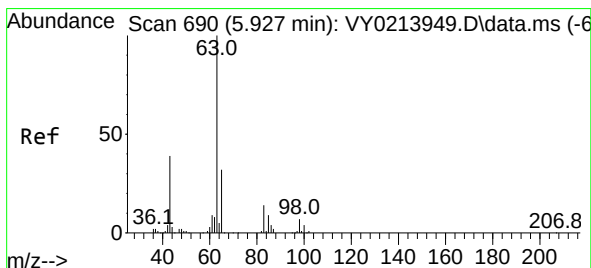
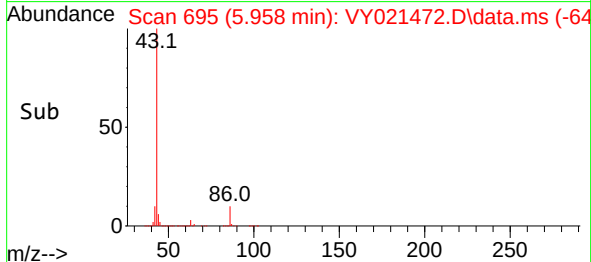
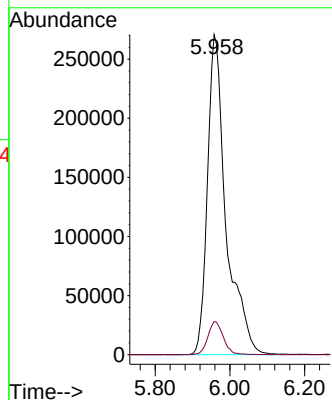
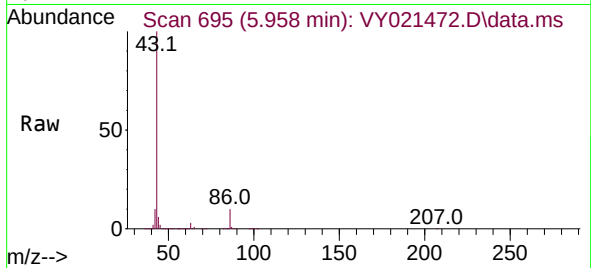




#23
 Vinyl Acetate
 Concen: 287.202 ug/l
 RT: 5.958 min Scan# 61
 Delta R.T. -0.012 min
 Lab File: VY021472.D
 Acq: 07 Mar 2025 19:32

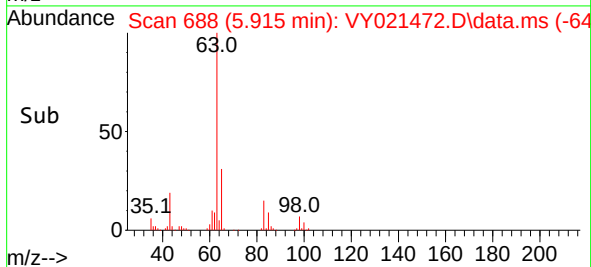
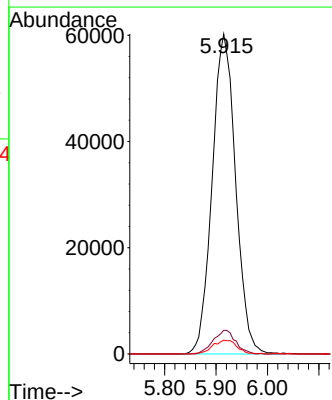
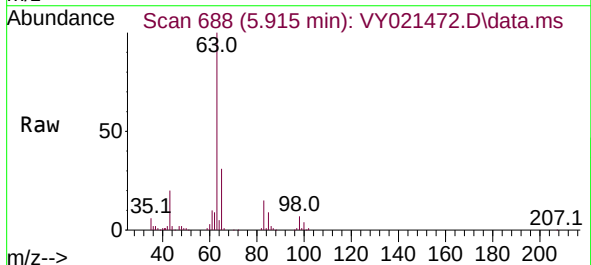
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

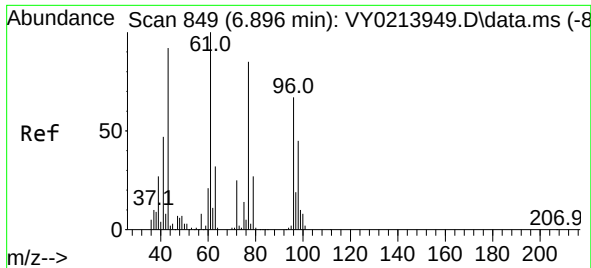
Tgt Ion: 43 Resp: 937037
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 56.570 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.012 min
 Lab File: VY021472.D
 Acq: 07 Mar 2025 19:32

Tgt Ion: 63 Resp: 190871
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.3 9.9
 100 4.3 2.1 6.5

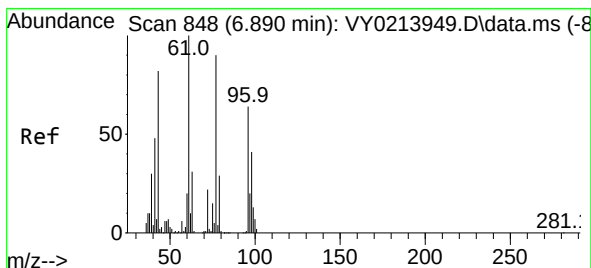
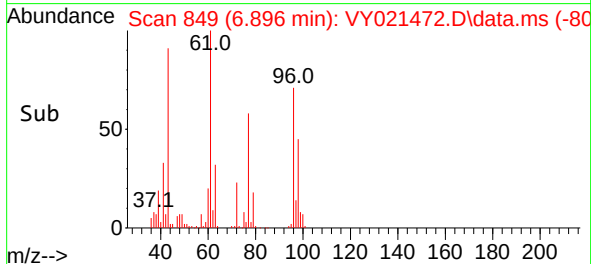
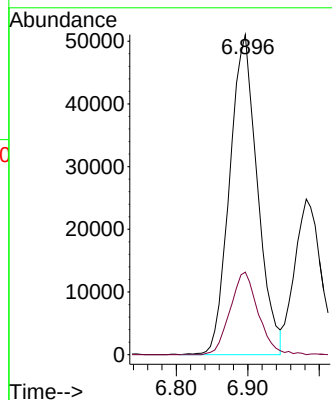
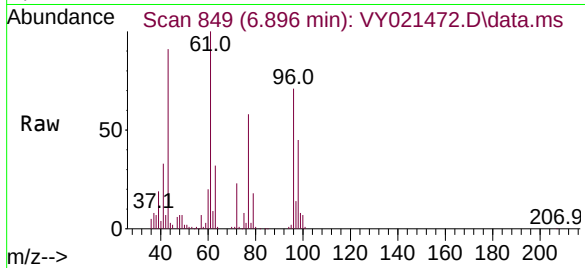




#25
2-Butanone
Concen: 270.364 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

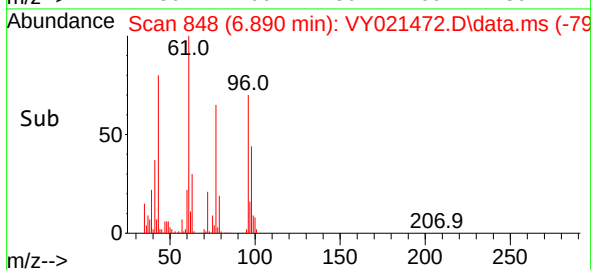
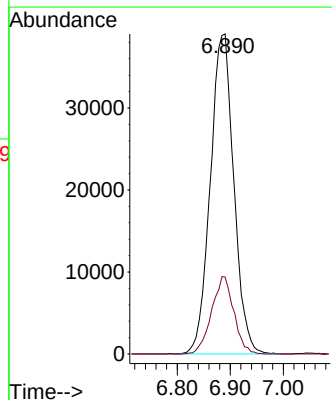
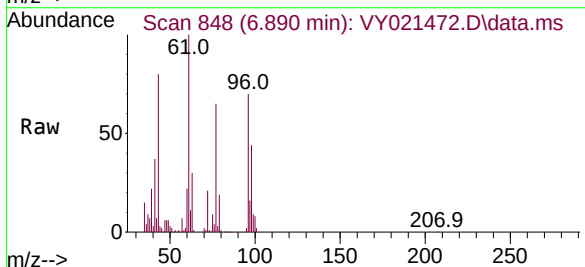
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

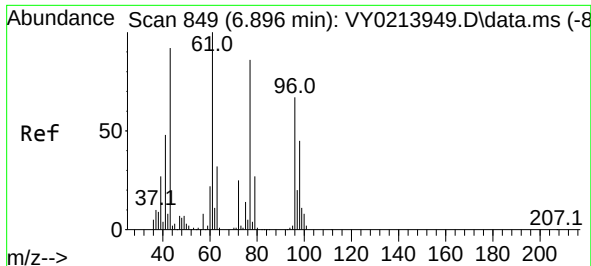
Tgt Ion: 43 Resp: 137773
Ion Ratio Lower Upper
43 100
72 25.8 21.4 32.0



#26
2,2-Dichloropropane
Concen: 38.641 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

Tgt Ion: 77 Resp: 119963
Ion Ratio Lower Upper
77 100
97 22.9 11.3 33.8



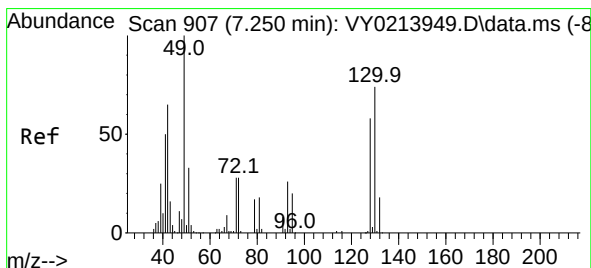
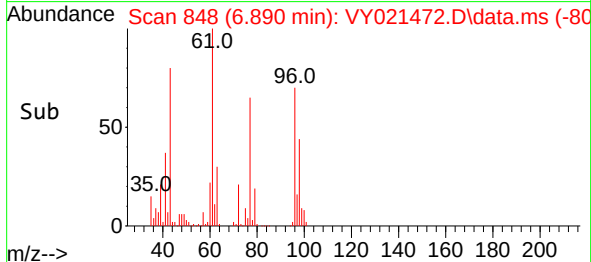
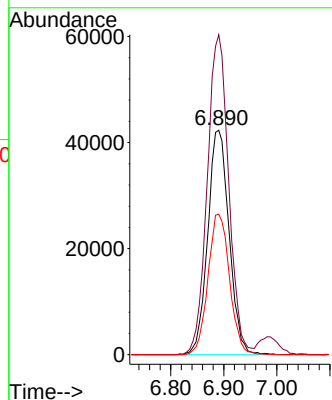
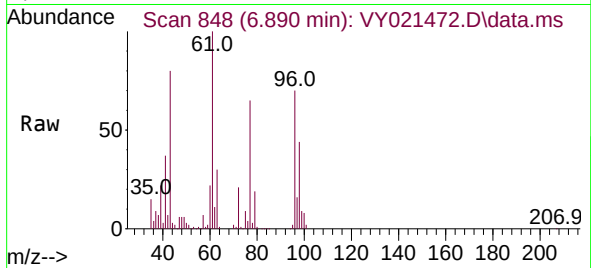


#27
 cis-1,2-Dichloroethene
 Concen: 56.679 ug/l
 RT: 6.890 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: VY021472.D
 Acq: 07 Mar 2025 19:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 118369

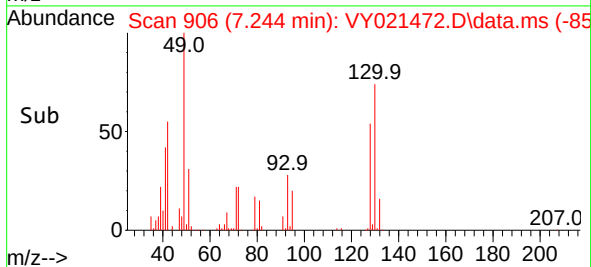
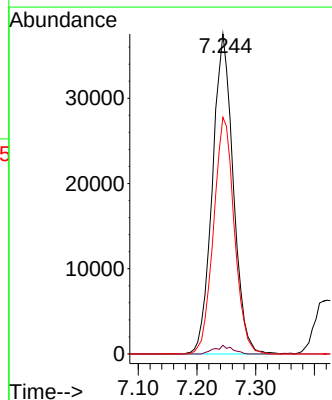
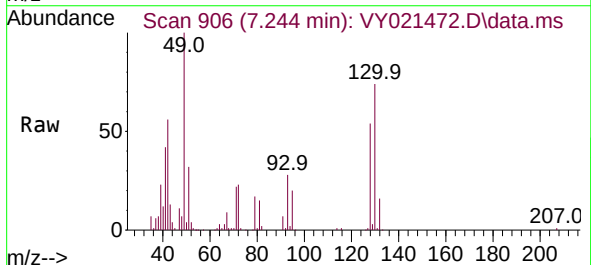
Ion	Ratio	Lower	Upper
96	100		
61	143.2	0.0	300.8
98	63.2	0.0	130.0

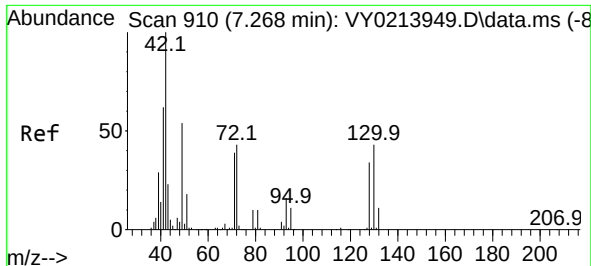


#28
 Bromochloromethane
 Concen: 65.418 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY021472.D
 Acq: 07 Mar 2025 19:32

Tgt Ion: 49 Resp: 92536

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	73.6	59.6	89.4





#29

Tetrahydrofuran

Concen: 301.661 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY021472.D

Acq: 07 Mar 2025 19:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

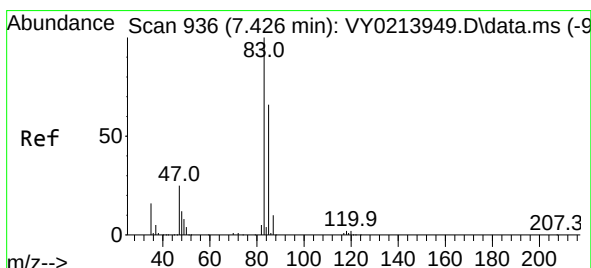
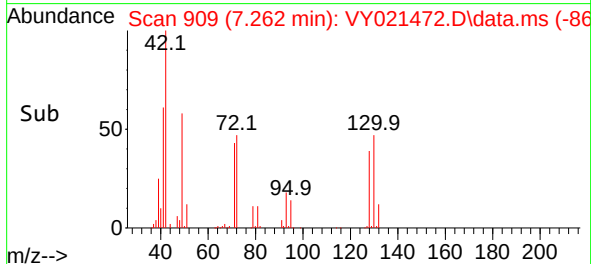
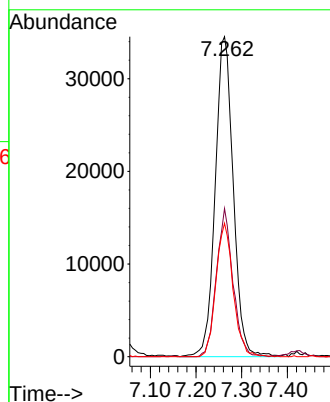
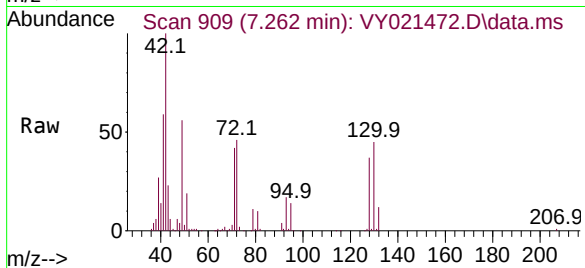
Tgt Ion: 42 Resp: 94900

Ion Ratio Lower Upper

42 100

72 42.3 34.8 52.2

71 39.7 32.6 48.8



#30

Chloroform

Concen: 56.967 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY021472.D

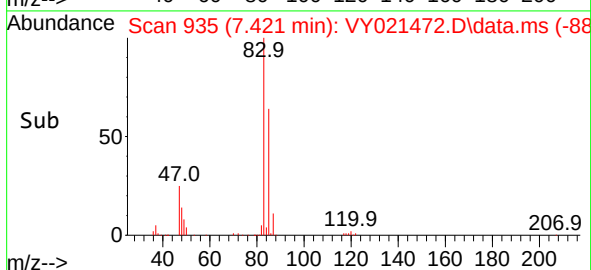
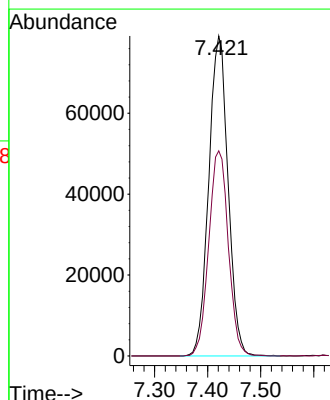
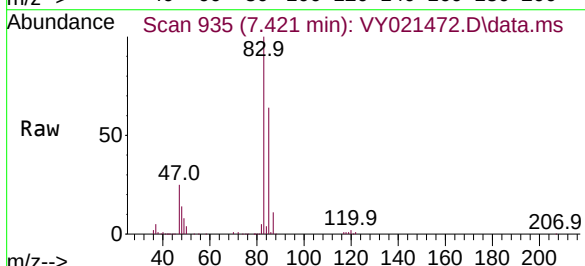
Acq: 07 Mar 2025 19:32

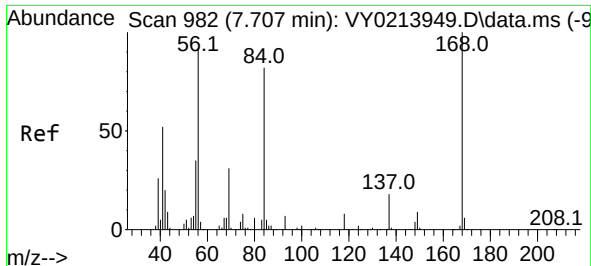
Tgt Ion: 83 Resp: 199591

Ion Ratio Lower Upper

83 100

85 64.1 53.1 79.7

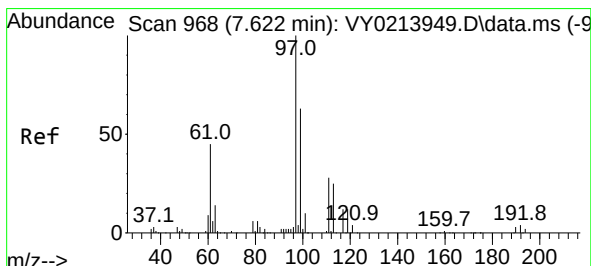
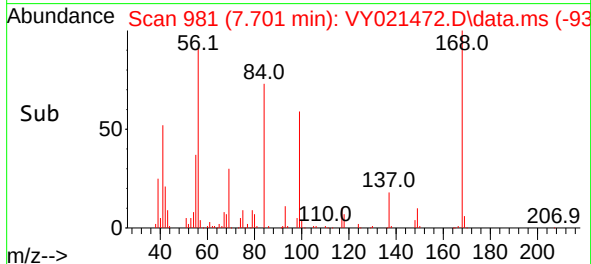
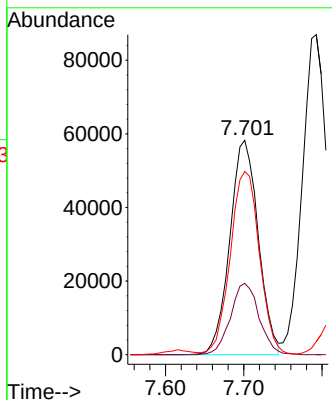
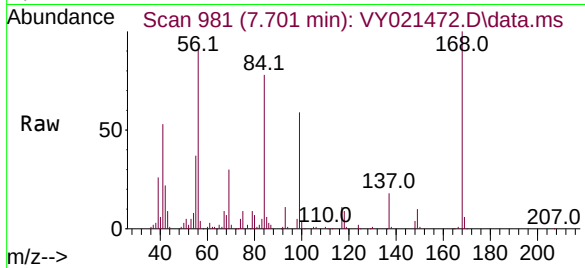




#31
Cyclohexane
Concen: 46.538 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

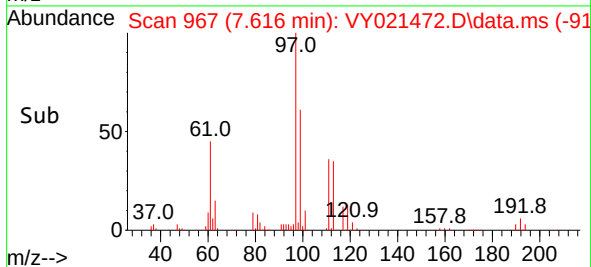
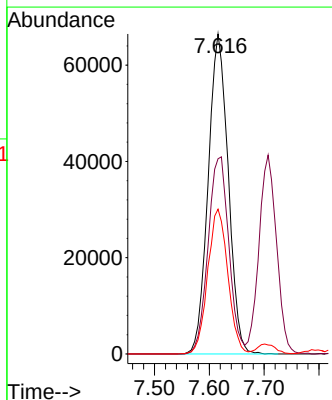
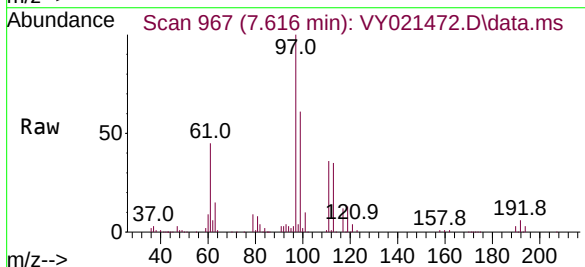
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

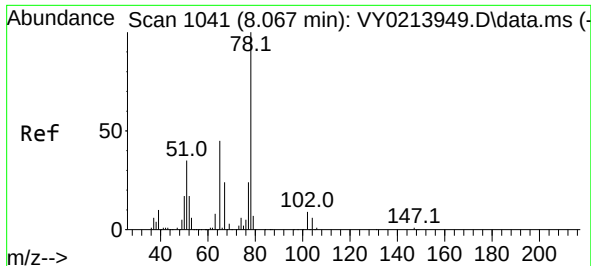
Tgt Ion: 56 Resp: 147210
Ion Ratio Lower Upper
56 100
69 33.3 27.0 40.4
84 83.0 71.1 106.7



#32
1,1,1-Trichloroethane
Concen: 52.586 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

Tgt Ion: 97 Resp: 168699
Ion Ratio Lower Upper
97 100
99 63.8 51.7 77.5
61 45.5 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 66.330 ug/l

RT: 8.061 min Scan# 112030

Delta R.T. -0.006 min

Lab File: VY021472.D

Acq: 07 Mar 2025 19:32

Instrument :

MSVOA_Y

ClientSampleId :

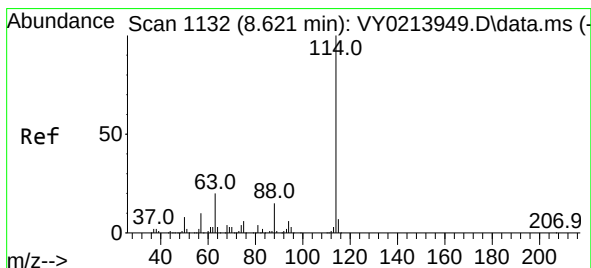
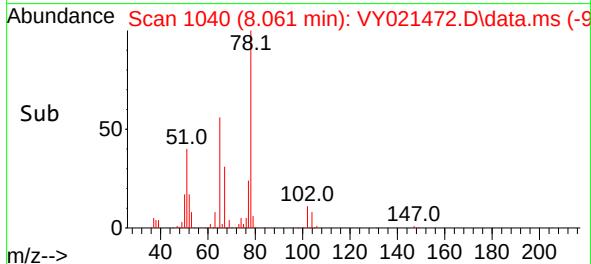
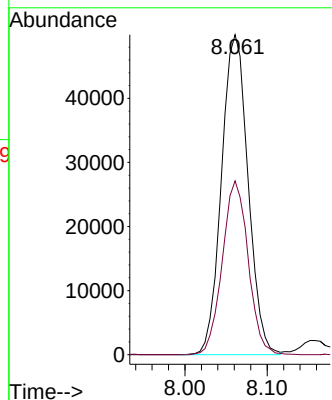
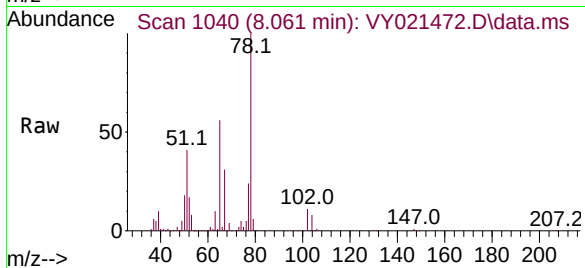
VSTDCCC050EC

Tgt Ion: 65 Resp: 112030

Ion Ratio Lower Upper

65 100

67 52.9 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021472.D

Acq: 07 Mar 2025 19:32

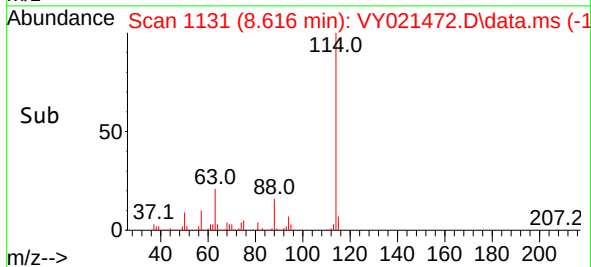
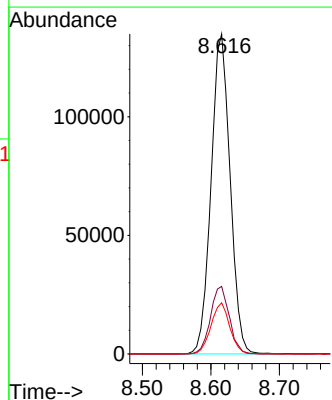
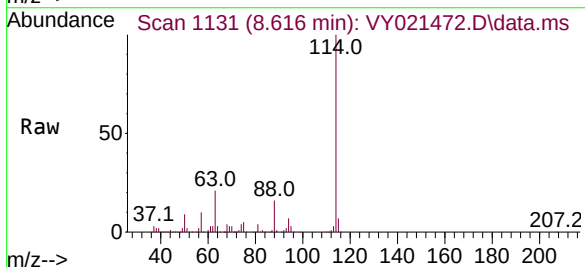
Tgt Ion: 114 Resp: 260015

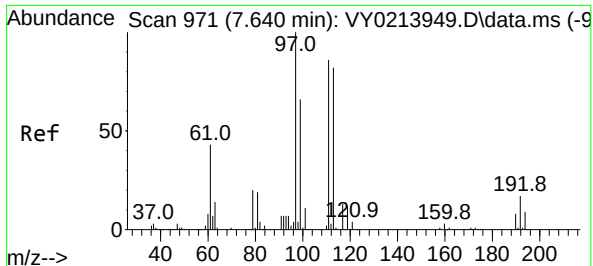
Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.8

88 16.0 0.0 30.8





#35

Dibromofluoromethane

Concen: 62.208 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021472.D

Acq: 07 Mar 2025 19:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

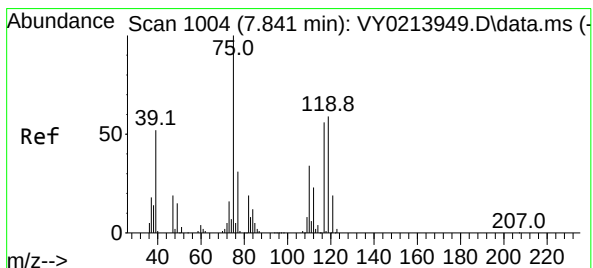
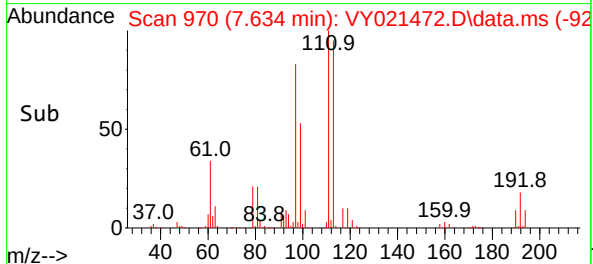
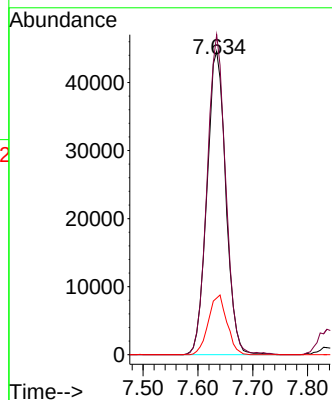
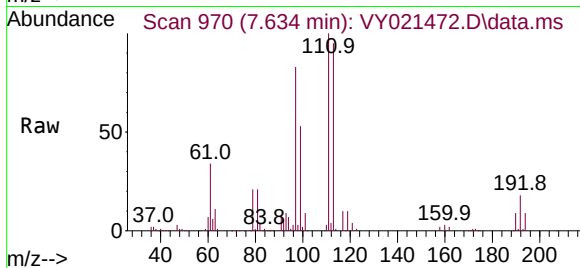
Tgt Ion:113 Resp: 106320

Ion Ratio Lower Upper

113 100

111 103.7 82.0 123.0

192 19.4 15.9 23.9



#36

1,1-Dichloropropene

Concen: 49.293 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VY021472.D

Acq: 07 Mar 2025 19:32

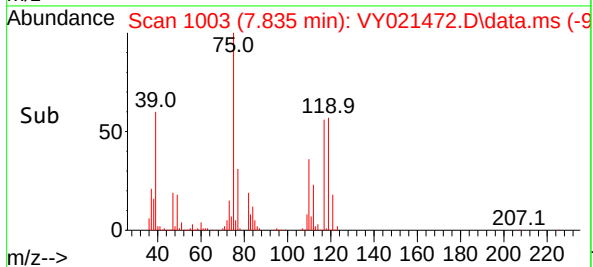
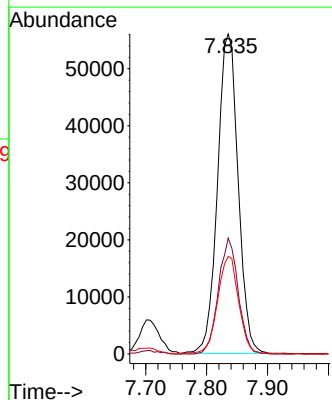
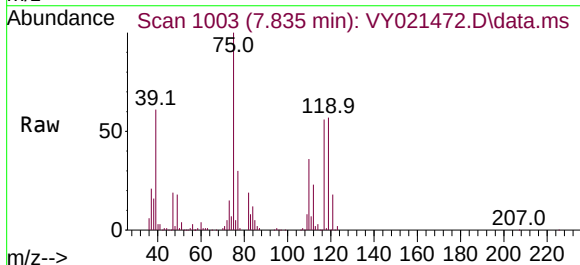
Tgt Ion: 75 Resp: 131874

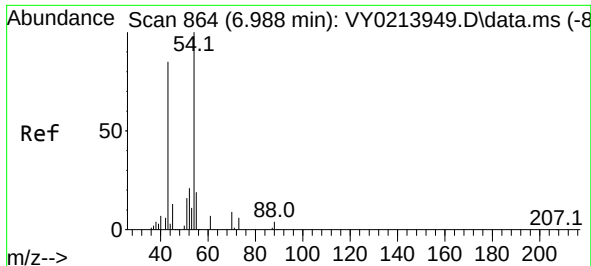
Ion Ratio Lower Upper

75 100

110 34.7 17.3 51.7

77 31.2 25.4 38.2





#37

Ethyl Acetate

Concen: 55.245 ug/l

RT: 6.982 min Scan# 81

Delta R.T. -0.006 min

Lab File: VY021472.D

Acq: 07 Mar 2025 19:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

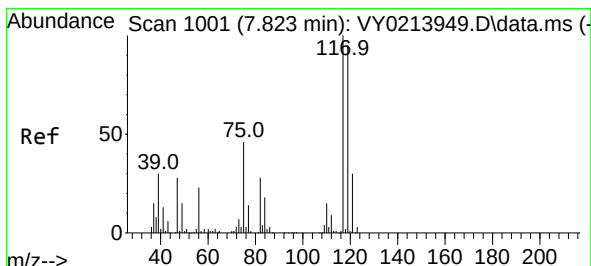
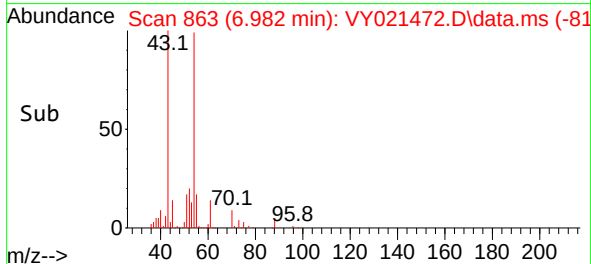
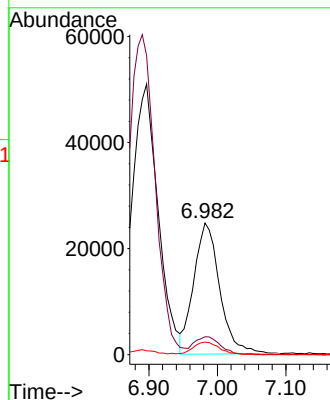
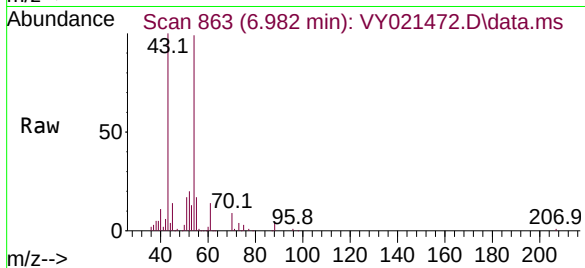
Tgt Ion: 43 Resp: 65324

Ion Ratio Lower Upper

43 100

61 13.5 11.4 17.0

70 9.8 8.2 12.2



#38

Carbon Tetrachloride

Concen: 48.799 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021472.D

Acq: 07 Mar 2025 19:32

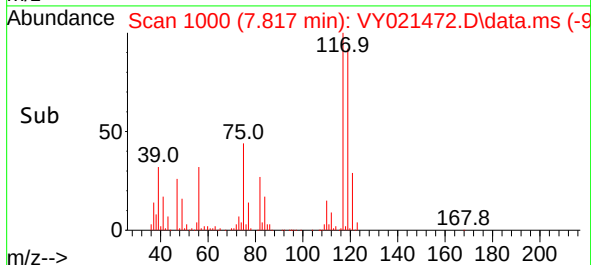
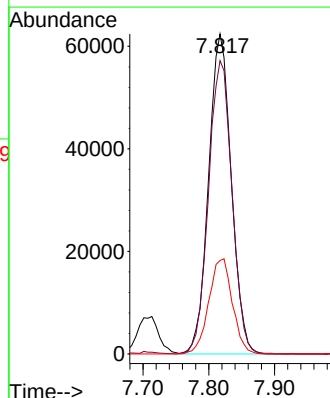
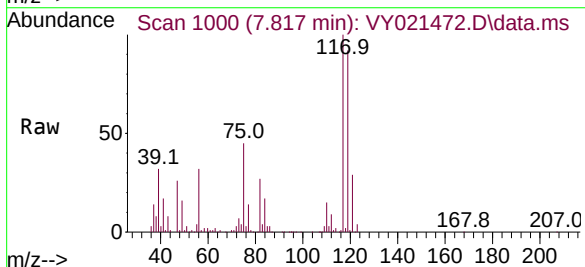
Tgt Ion: 117 Resp: 150145

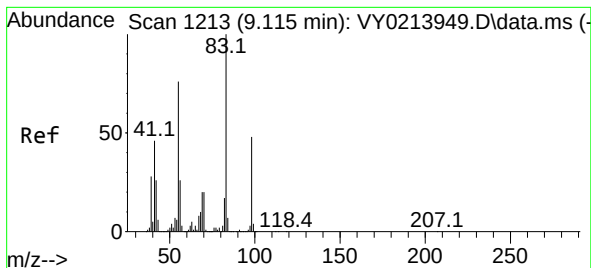
Ion Ratio Lower Upper

117 100

119 91.6 75.8 113.8

121 29.2 23.9 35.9

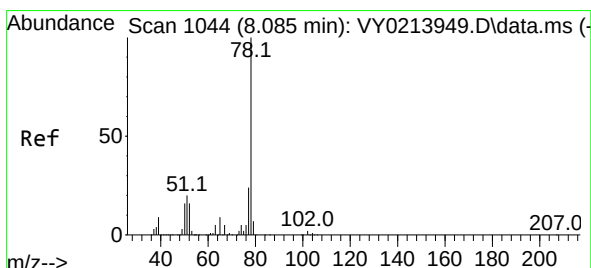
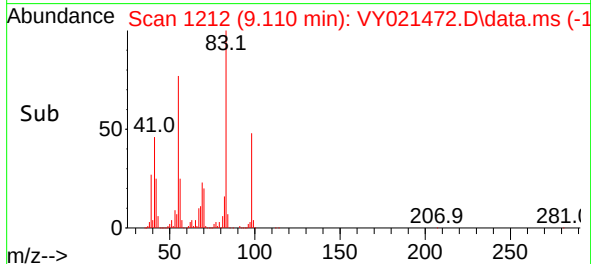
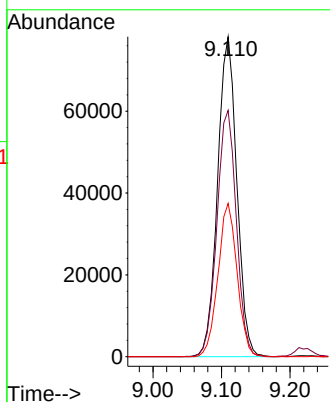
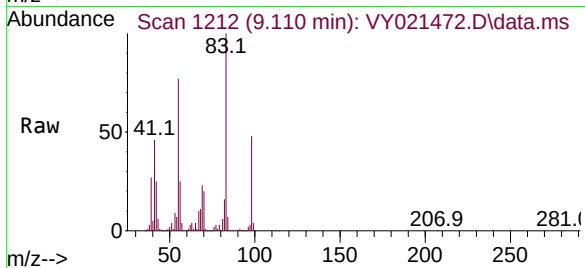




#39
Methylcyclohexane
Concen: 46.417 ug/l
RT: 9.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

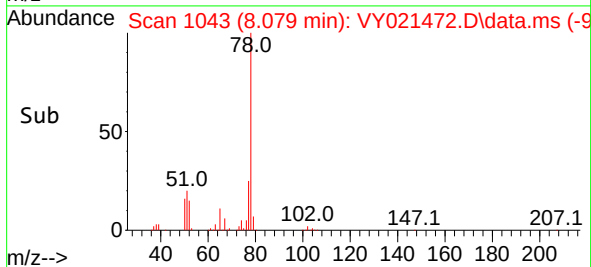
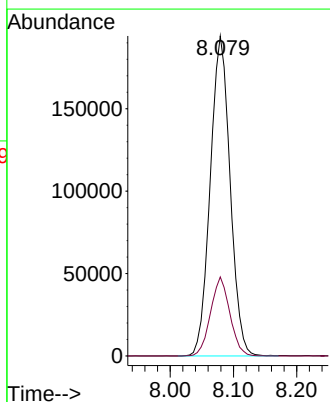
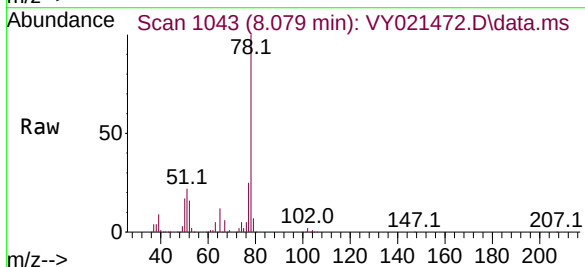
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

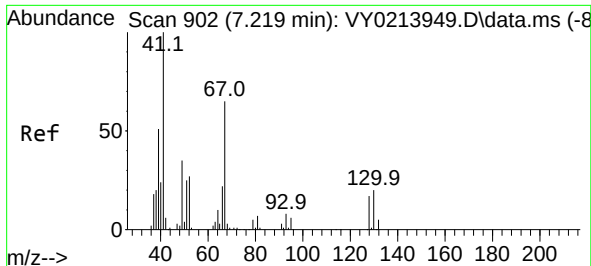
Tgt Ion: 83 Resp: 152320
Ion Ratio Lower Upper
83 100
55 76.9 60.7 91.1
98 47.9 38.6 57.8



#40
Benzene
Concen: 53.662 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

Tgt Ion: 78 Resp: 422900
Ion Ratio Lower Upper
78 100
77 24.7 19.0 28.4

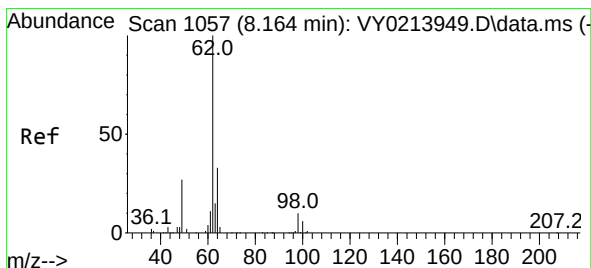
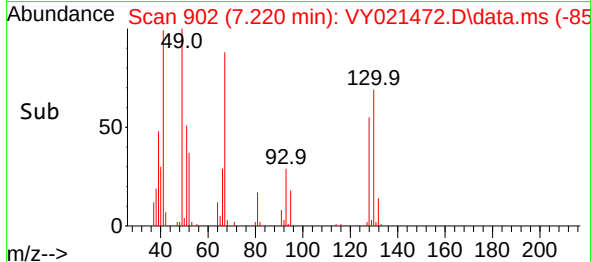
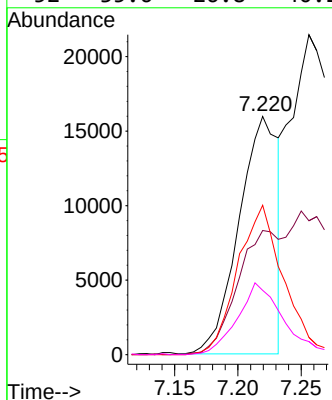
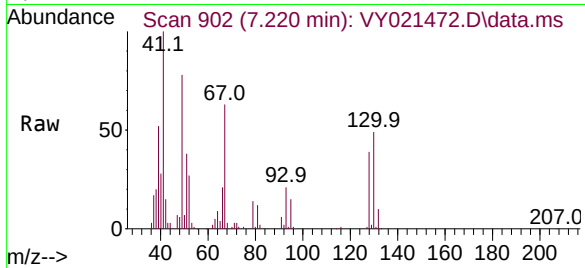




#41
Methacrylonitrile
Concen: 53.493 ug/l
RT: 7.220 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

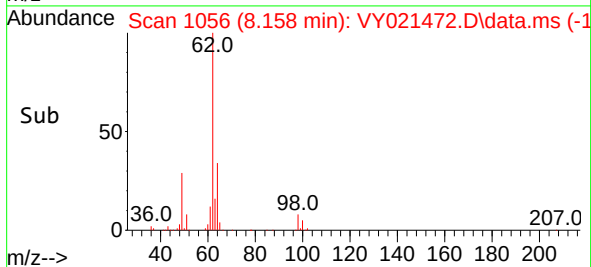
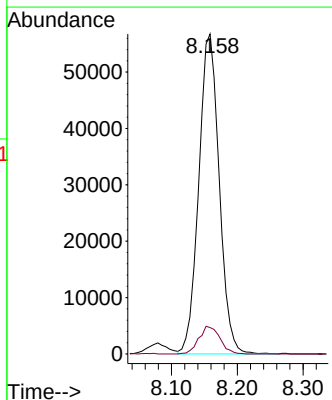
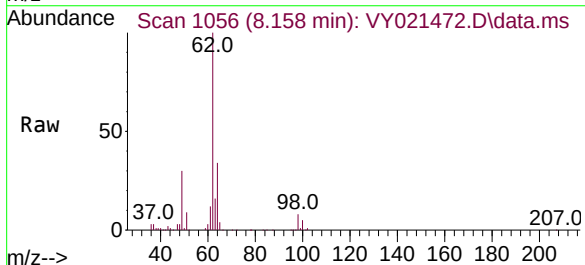
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

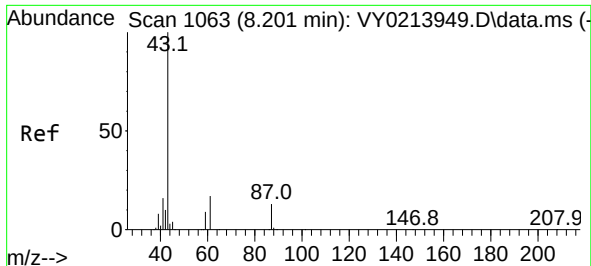
Tgt Ion: 41 Resp: 34441
Ion Ratio Lower Upper
41 100
39 55.1 35.0 52.6#
67 74.2 61.2 91.8
52 35.6 26.8 40.2



#42
1,2-Dichloroethane
Concen: 55.638 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

Tgt Ion: 62 Resp: 122666
Ion Ratio Lower Upper
62 100
98 8.9 0.0 18.2

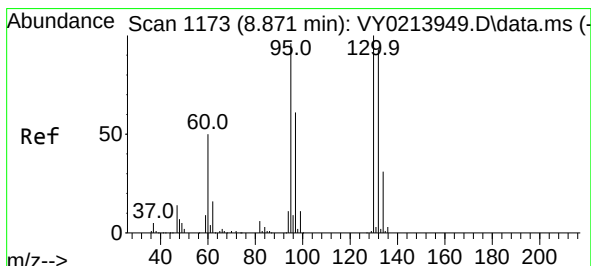
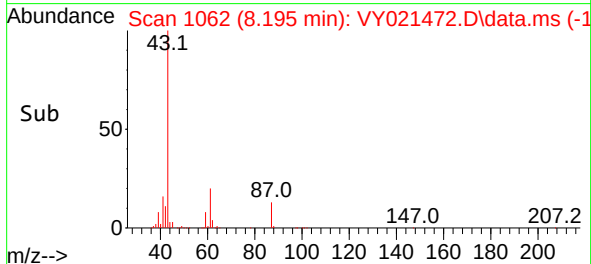
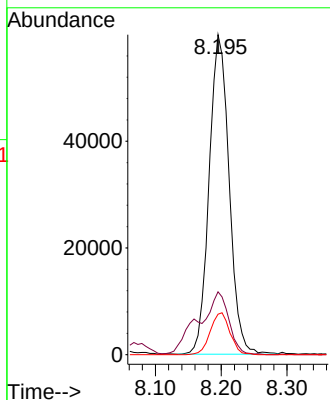
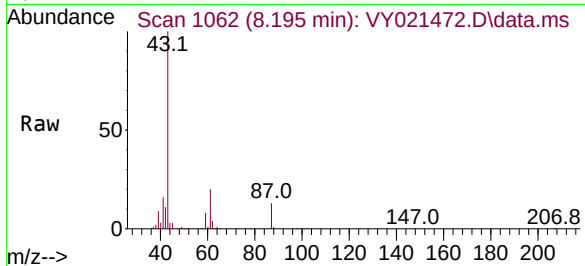




#43
Isopropyl Acetate
Concen: 55.283 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

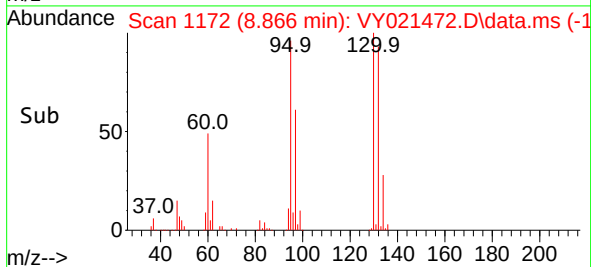
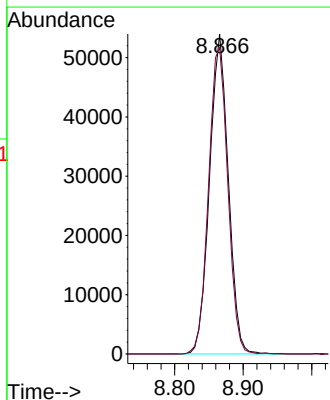
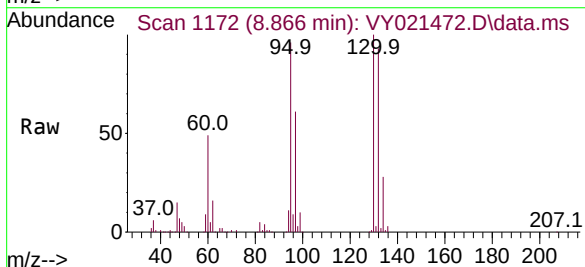
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

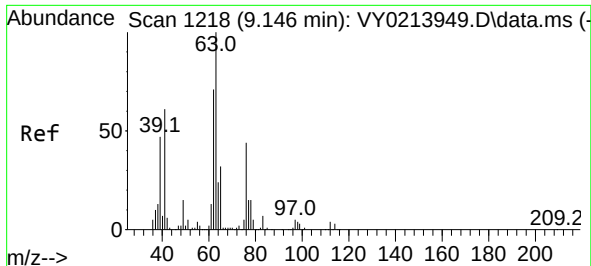
Tgt Ion: 43 Resp: 126898
Ion Ratio Lower Upper
43 100
61 19.7 23.4 35.0#
87 12.9 10.5 15.7



#44
Trichloroethene
Concen: 51.464 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

Tgt Ion:130 Resp: 102489
Ion Ratio Lower Upper
130 100
95 95.8 0.0 191.6





#45

1,2-Dichloropropane

Concen: 54.800 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY021472.D

Acq: 07 Mar 2025 19:32

Instrument :

MSVOA_Y

ClientSampleId :

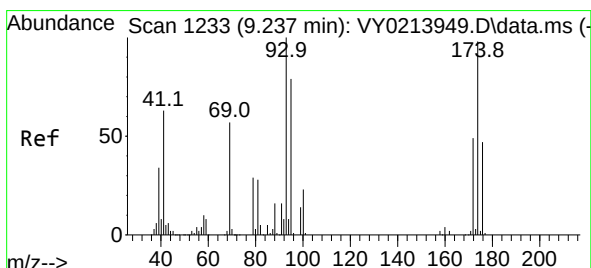
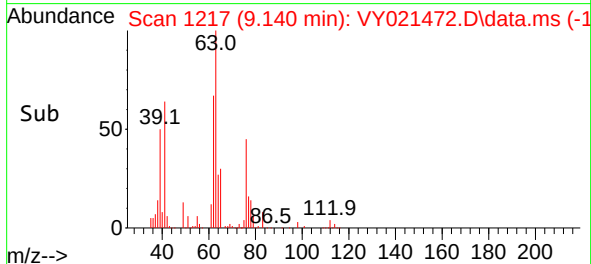
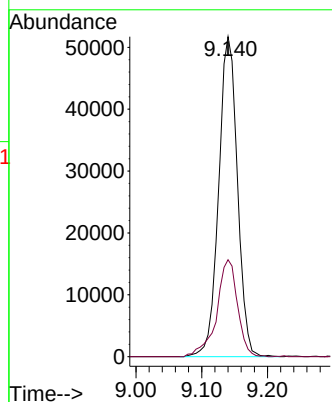
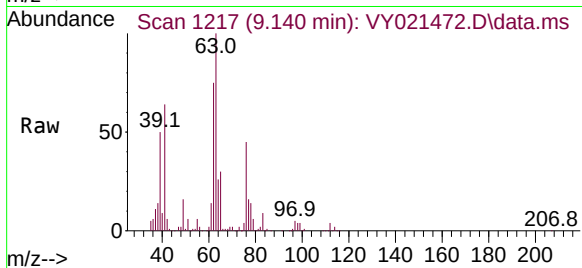
VSTDCCC050EC

Tgt Ion: 63 Resp: 102785

Ion Ratio Lower Upper

63 100

65 30.3 26.0 39.0



#46

Dibromomethane

Concen: 55.548 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021472.D

Acq: 07 Mar 2025 19:32

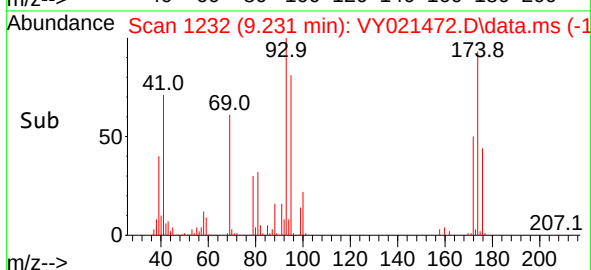
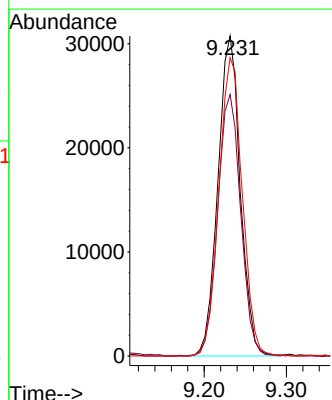
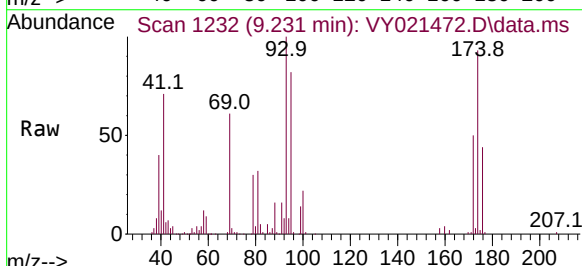
Tgt Ion: 93 Resp: 57971

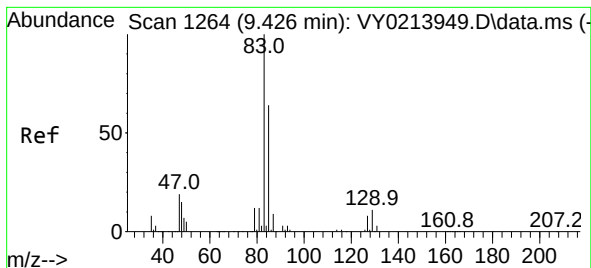
Ion Ratio Lower Upper

93 100

95 84.2 65.8 98.8

174 97.4 77.9 116.9





#47

Bromodichloromethane

Concen: 55.687 ug/l

RT: 9.420 min Scan# 1263

Delta R.T. -0.006 min

Lab File: VY021472.D

Acq: 07 Mar 2025 19:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

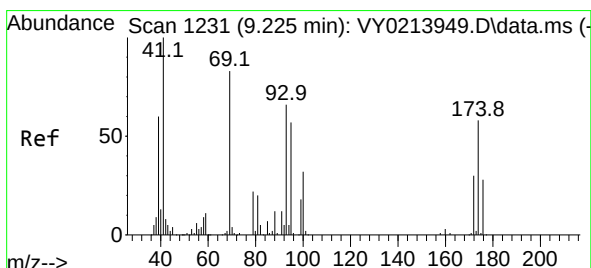
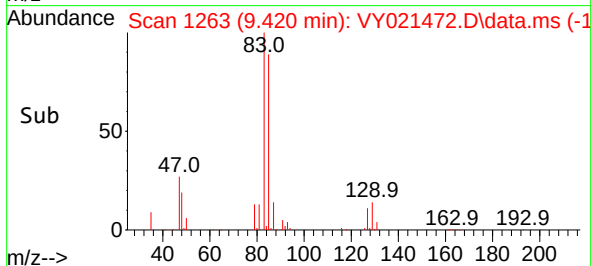
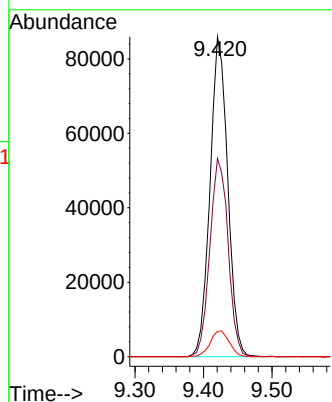
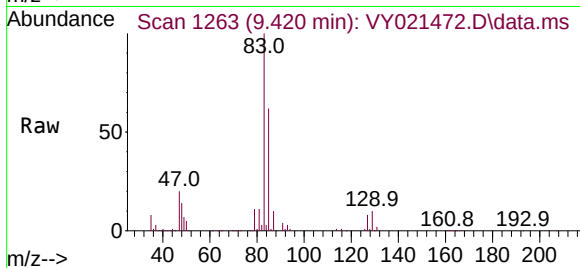
Tgt Ion: 83 Resp: 154339

Ion Ratio Lower Upper

83 100

85 61.9 51.1 76.7

127 7.9 6.7 10.1



#48

Methyl methacrylate

Concen: 57.443 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.006 min

Lab File: VY021472.D

Acq: 07 Mar 2025 19:32

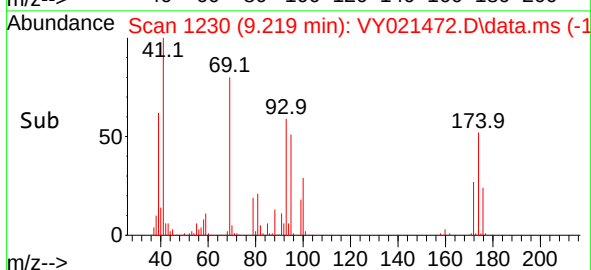
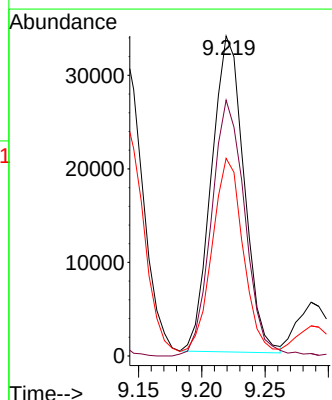
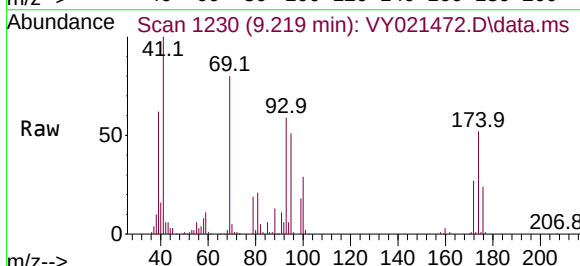
Tgt Ion: 41 Resp: 60548

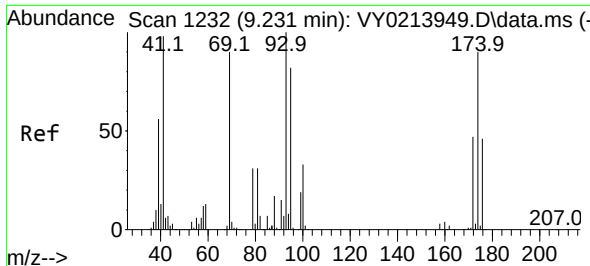
Ion Ratio Lower Upper

41 100

69 83.4 67.8 101.8

39 58.2 46.4 69.6





#49

1,4-Dioxane

Concen: 1243.123 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021472.D

Acq: 07 Mar 2025 19:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

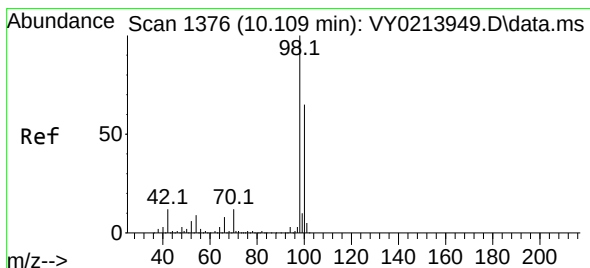
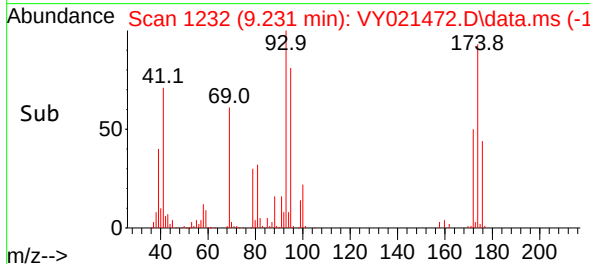
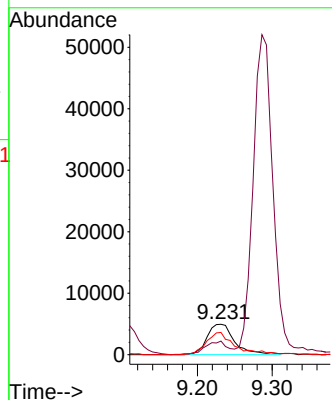
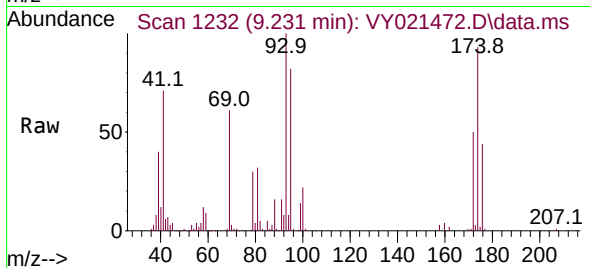
Tgt Ion: 88 Resp: 12734

Ion Ratio Lower Upper

88 100

43 37.3 25.0 37.4

58 75.5 58.4 87.6



#50

Toluene-d8

Concen: 60.775 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY021472.D

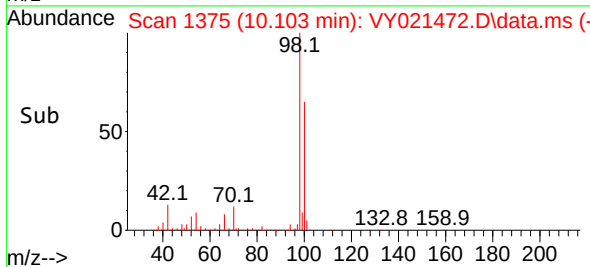
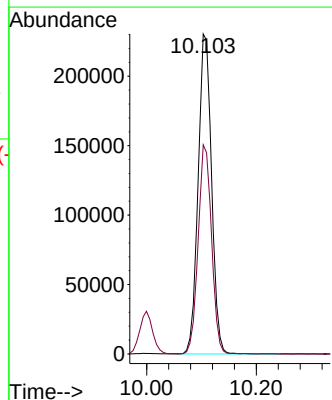
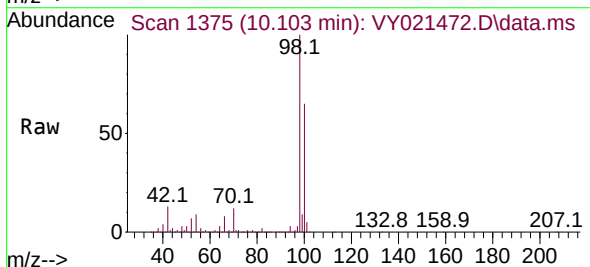
Acq: 07 Mar 2025 19:32

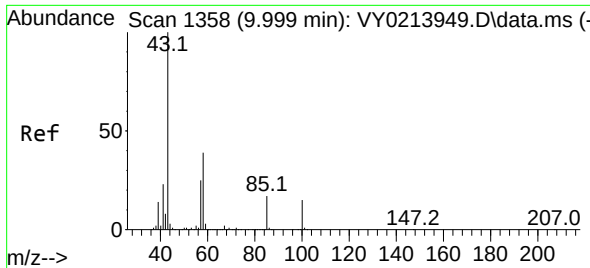
Tgt Ion: 98 Resp: 393289

Ion Ratio Lower Upper

98 100

100 65.0 52.1 78.1

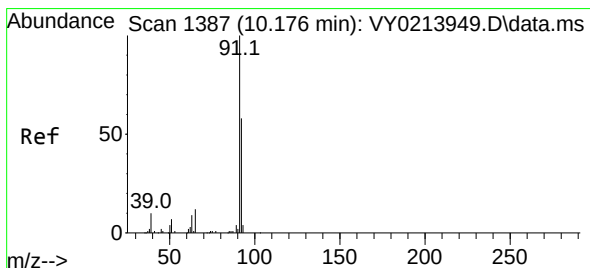
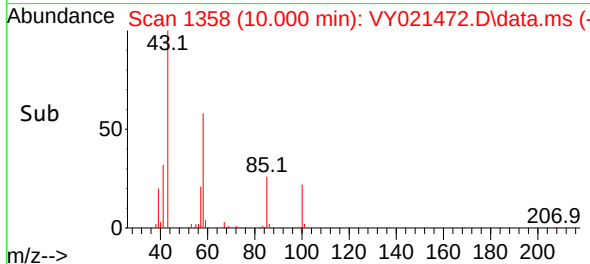
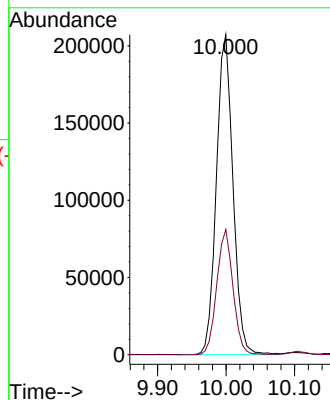
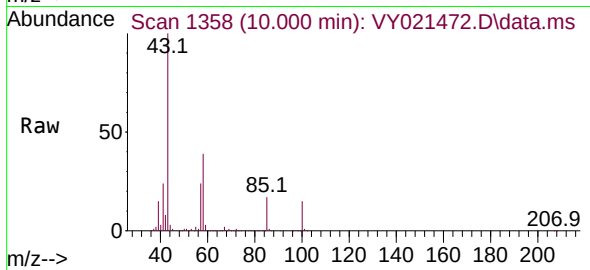




#51
4-Methyl-2-Pentanone
Concen: 292.943 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

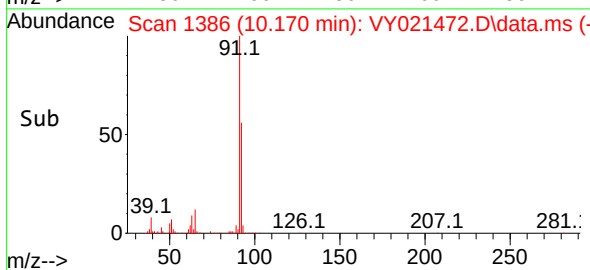
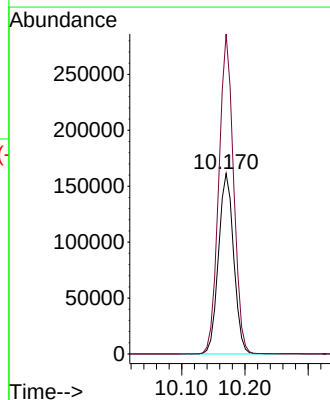
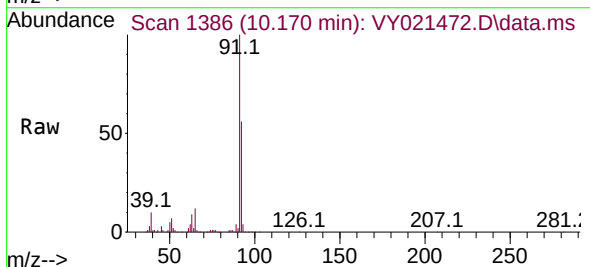
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

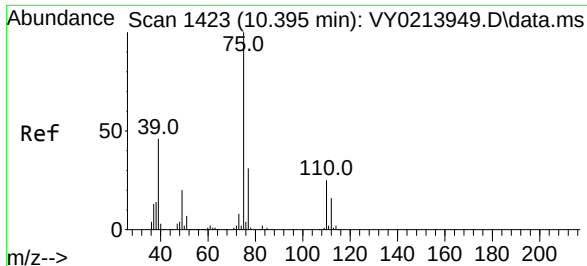
Tgt Ion: 43 Resp: 346952
Ion Ratio Lower Upper
43 100
58 38.4 31.4 47.2



#52
Toluene
Concen: 53.858 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

Tgt Ion: 92 Resp: 267596
Ion Ratio Lower Upper
92 100
91 172.8 138.2 207.2





#53

t-1,3-Dichloropropene

Concen: 52.057 ug/l

RT: 10.390 min Scan# 1423

Delta R.T. -0.006 min

Lab File: VY021472.D

Acq: 07 Mar 2025 19:32

Instrument :

MSVOA_Y

ClientSampleId :

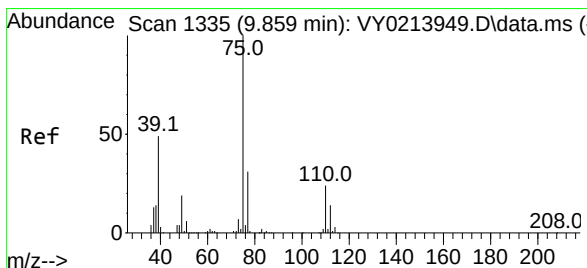
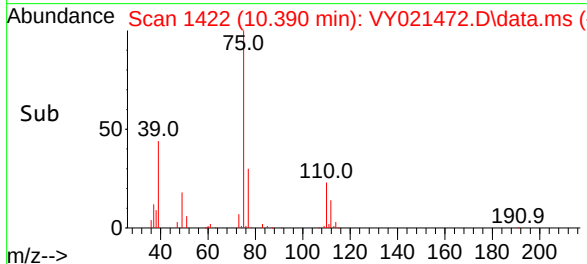
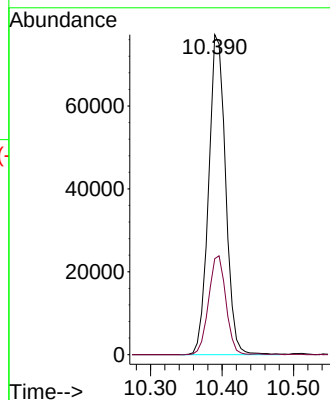
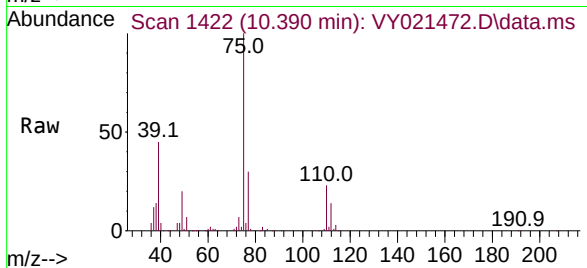
VSTDCCC050EC

Tgt Ion: 75 Resp: 127113

Ion Ratio Lower Upper

75 100

77 30.0 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 51.233 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. -0.006 min

Lab File: VY021472.D

Acq: 07 Mar 2025 19:32

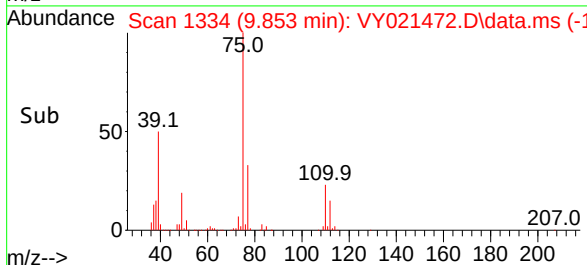
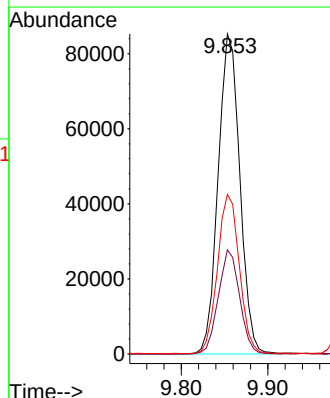
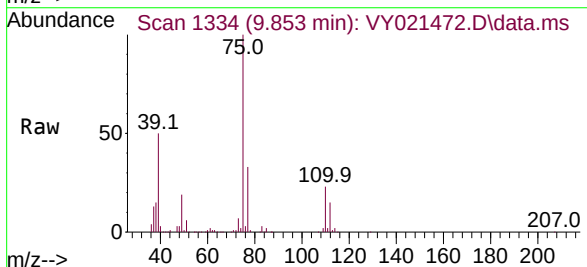
Tgt Ion: 75 Resp: 148526

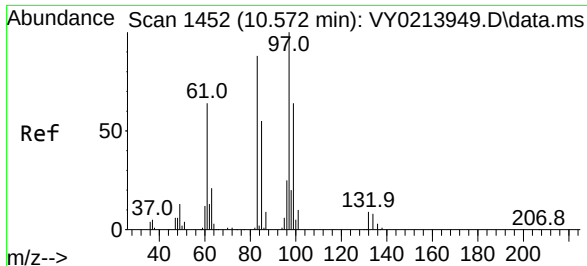
Ion Ratio Lower Upper

75 100

77 32.5 24.6 37.0

39 49.7 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 55.907 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021472.D

Acq: 07 Mar 2025 19:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 76322

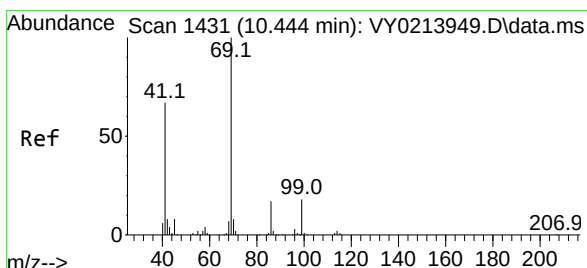
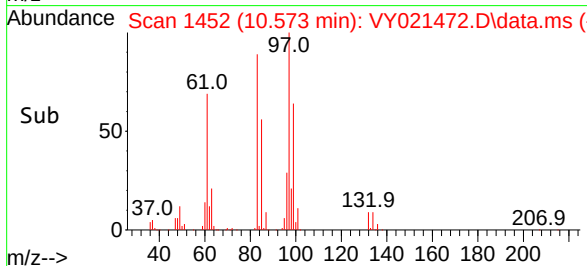
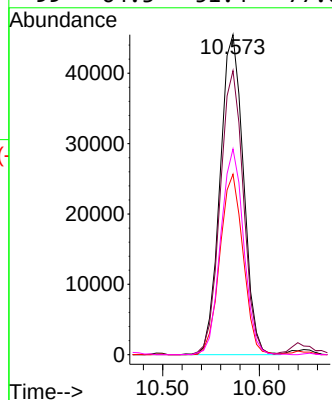
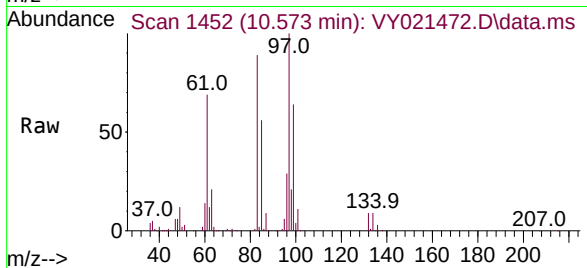
Ion Ratio Lower Upper

97 100

83 88.7 70.0 105.0

85 56.4 44.3 66.5

99 64.3 51.4 77.0



#56

Ethyl methacrylate

Concen: 57.679 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY021472.D

Acq: 07 Mar 2025 19:32

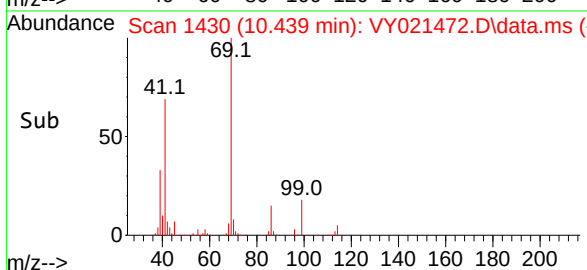
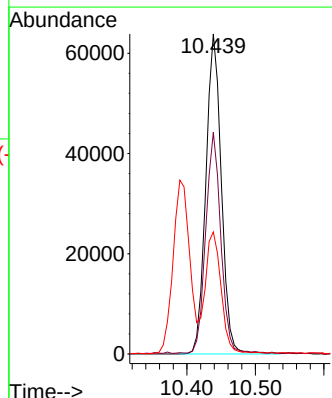
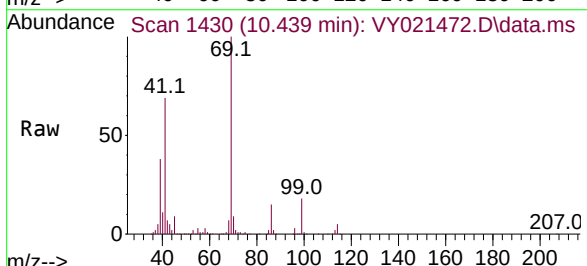
Tgt Ion: 69 Resp: 100423

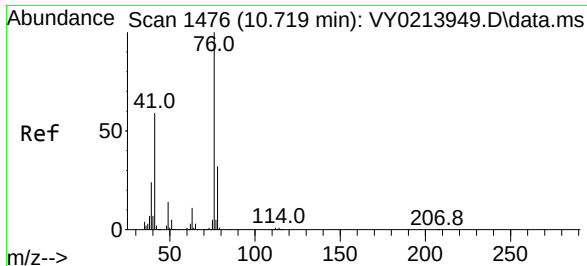
Ion Ratio Lower Upper

69 100

41 66.9 53.3 79.9

39 39.1 31.0 46.6





#57

1,3-Dichloropropane

Concen: 56.635 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY021472.D

Acq: 07 Mar 2025 19:32

Instrument :

MSVOA_Y

ClientSampleId :

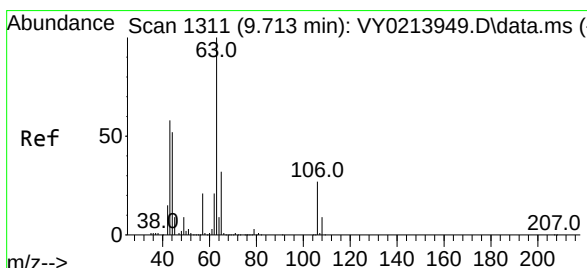
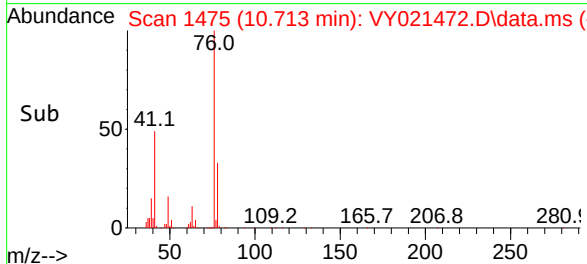
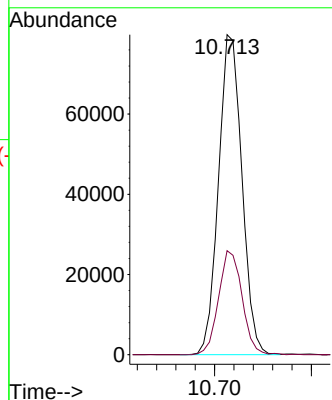
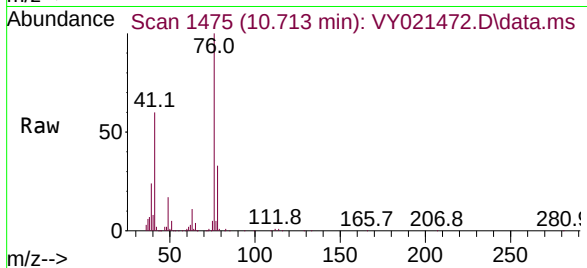
VSTDCCC050EC

Tgt Ion: 76 Resp: 134004

Ion Ratio Lower Upper

76 100

78 32.6 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 312.904 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY021472.D

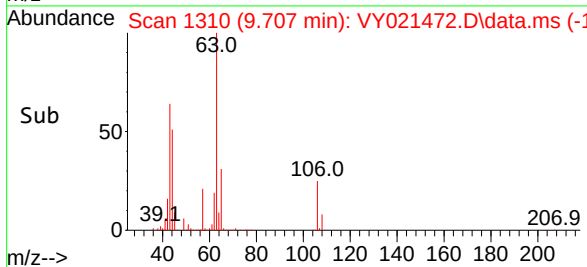
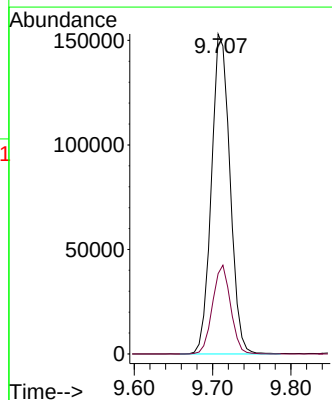
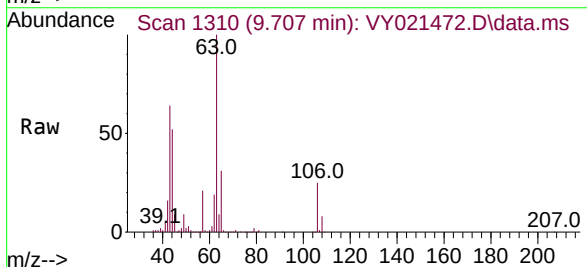
Acq: 07 Mar 2025 19:32

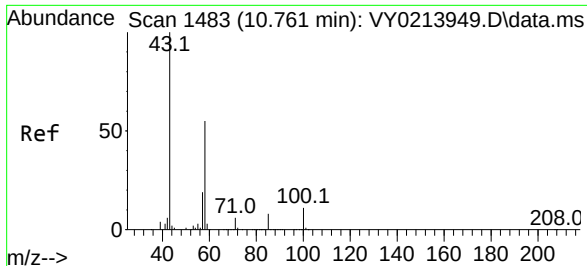
Tgt Ion: 63 Resp: 251488

Ion Ratio Lower Upper

63 100

106 27.0 22.1 33.1





#59

2-Hexanone

Concen: 288.408 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY021472.D

Acq: 07 Mar 2025 19:32

Instrument :

MSVOA_Y

ClientSampleId :

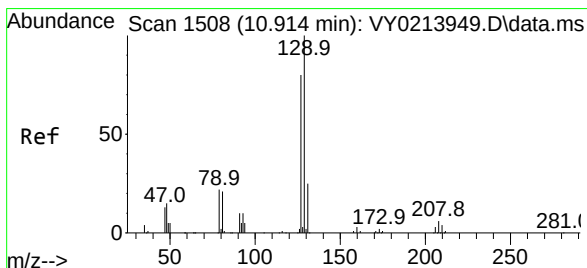
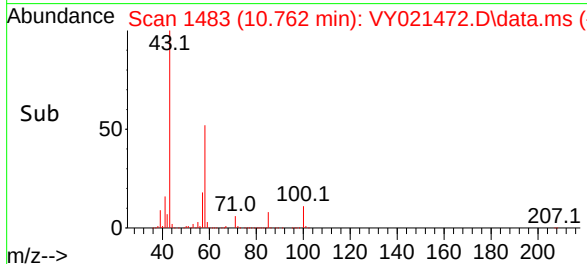
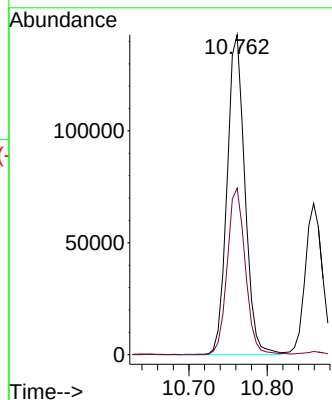
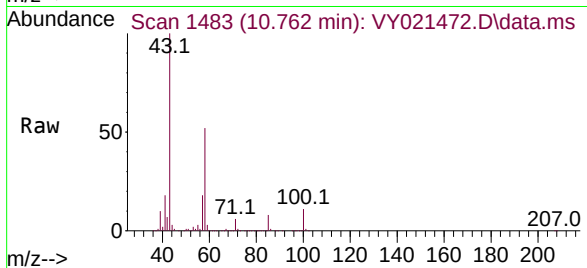
VSTDCCC050EC

Tgt Ion: 43 Resp: 225862

Ion Ratio Lower Upper

43 100

58 53.0 27.3 81.8



#60

Dibromochloromethane

Concen: 55.502 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. -0.006 min

Lab File: VY021472.D

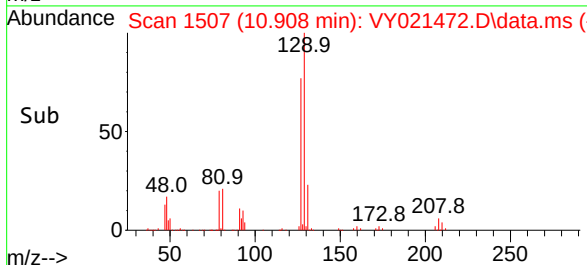
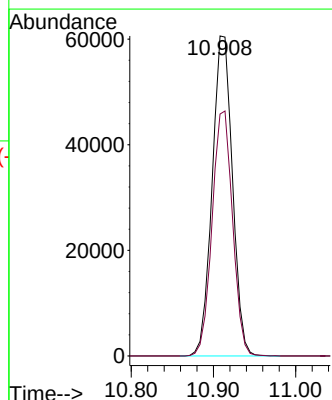
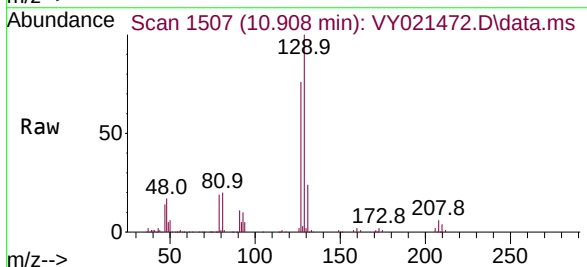
Acq: 07 Mar 2025 19:32

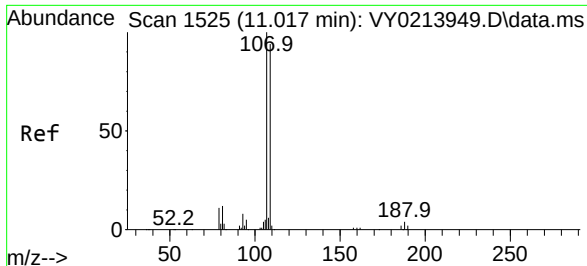
Tgt Ion:129 Resp: 103876

Ion Ratio Lower Upper

129 100

127 77.2 39.1 117.3

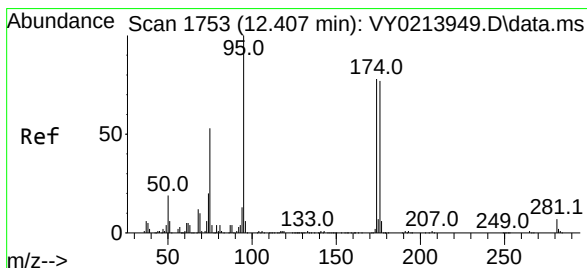
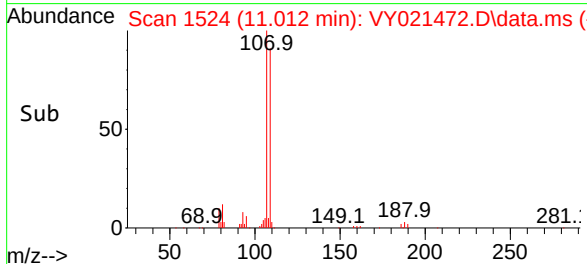
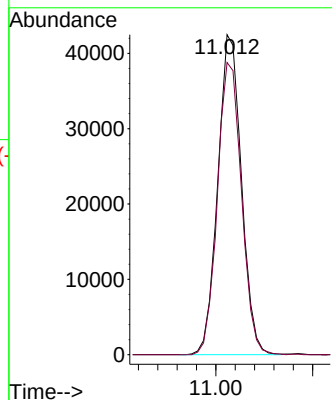
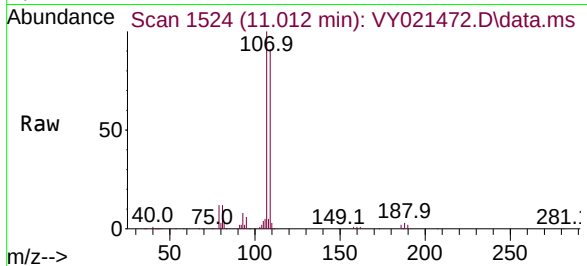




#61
1,2-Dibromoethane
Concen: 55.746 ug/l
RT: 11.012 min Scan# 1525
Delta R.T. -0.006 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

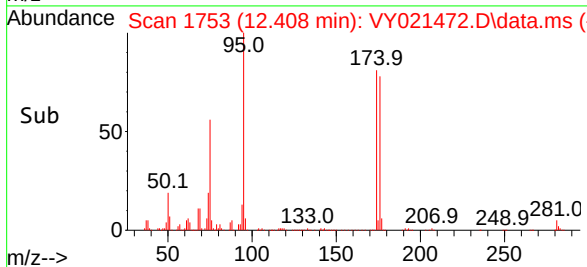
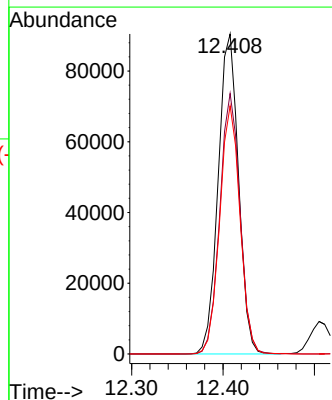
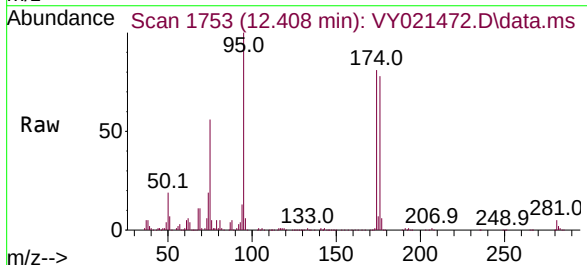
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

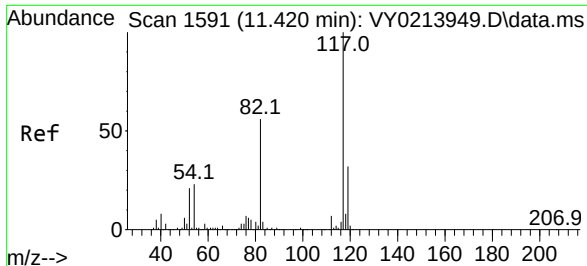
Tgt Ion:107 Resp: 71825
Ion Ratio Lower Upper
107 100
109 92.9 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 63.435 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

Tgt Ion: 95 Resp: 139636
Ion Ratio Lower Upper
95 100
174 81.0 0.0 165.0
176 77.4 0.0 160.0

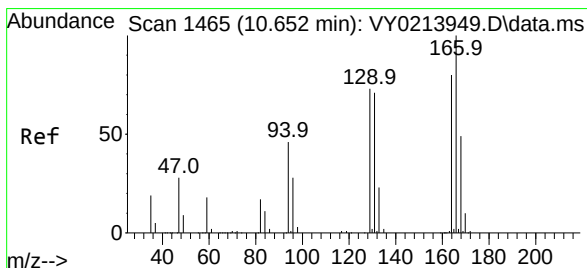
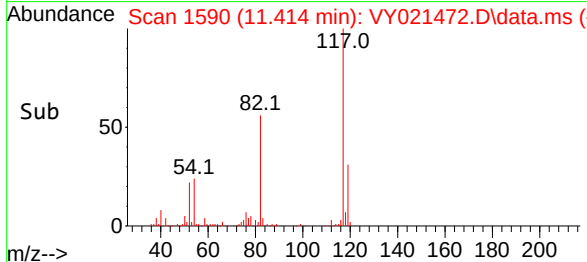
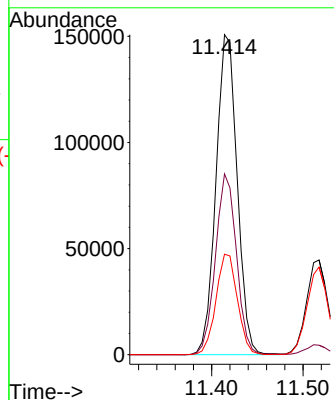
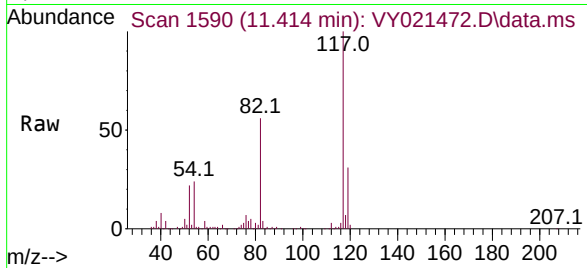




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

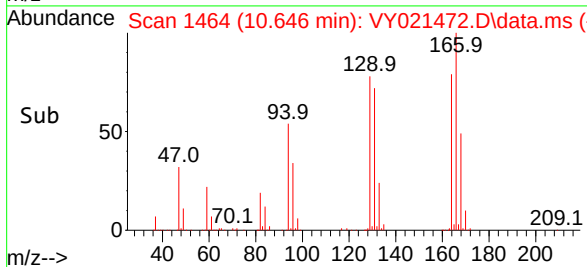
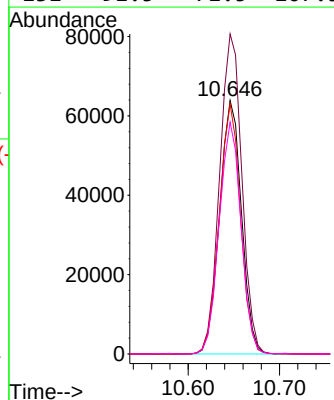
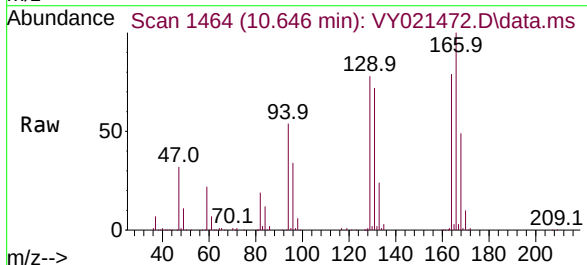
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

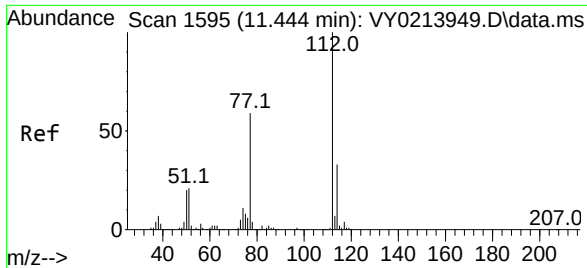
Tgt Ion:117 Resp: 243626
Ion Ratio Lower Upper
117 100
82 56.5 44.6 67.0
119 31.4 25.4 38.0



#64
Tetrachloroethene
Concen: 53.863 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

Tgt Ion:164 Resp: 106706
Ion Ratio Lower Upper
164 100
166 126.2 100.4 150.6
129 98.6 73.8 110.8
131 91.5 71.5 107.3

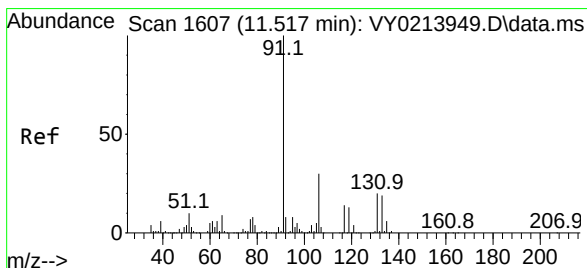
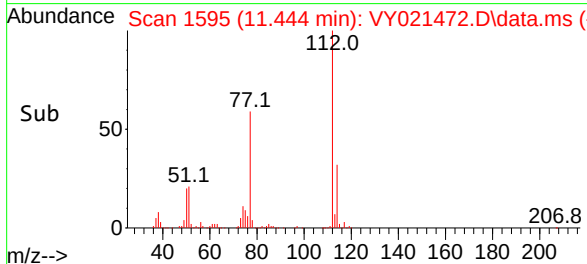
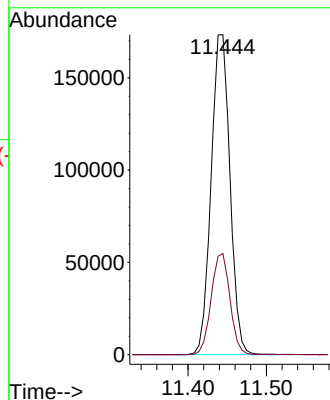
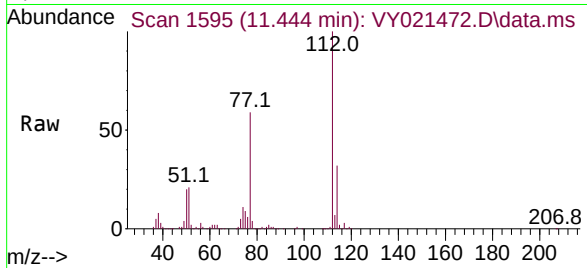




#65
Chlorobenzene
Concen: 50.335 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

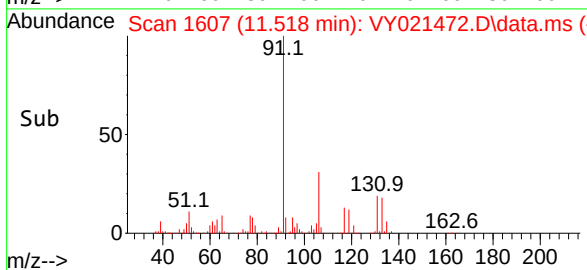
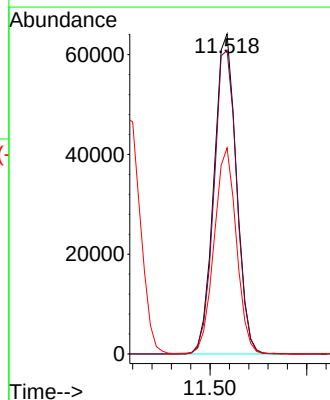
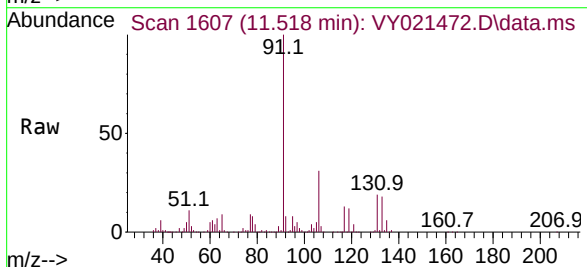
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

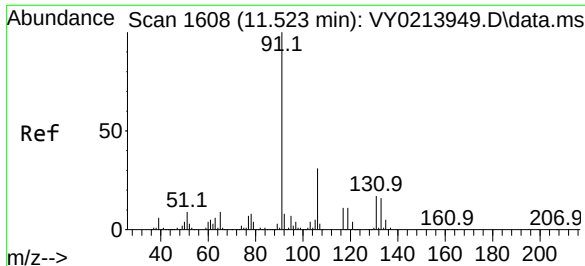
Tgt Ion:112 Resp: 289584
Ion Ratio Lower Upper
112 100
114 31.6 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 50.833 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

Tgt Ion:131 Resp: 103394
Ion Ratio Lower Upper
131 100
133 96.2 47.6 142.9
119 64.0 32.3 96.9

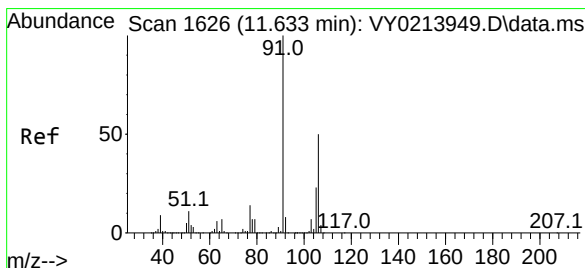
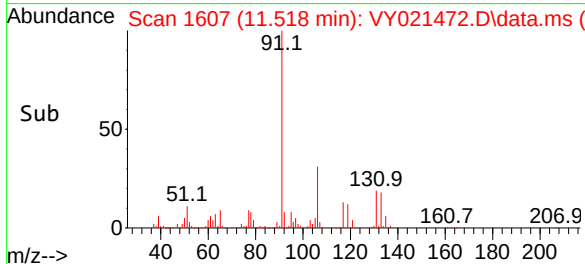
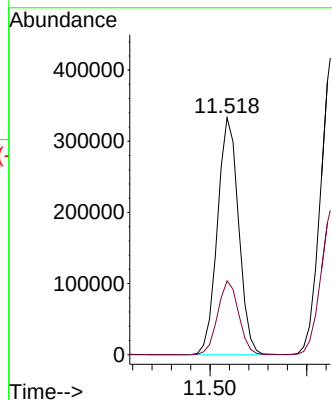
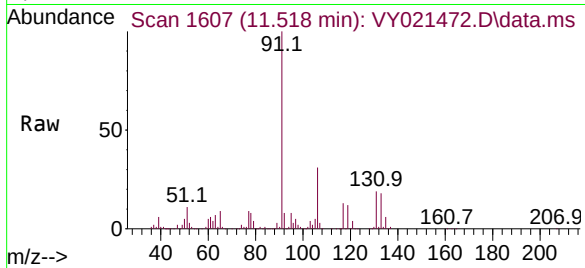




#67
Ethyl Benzene
Concen: 50.022 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

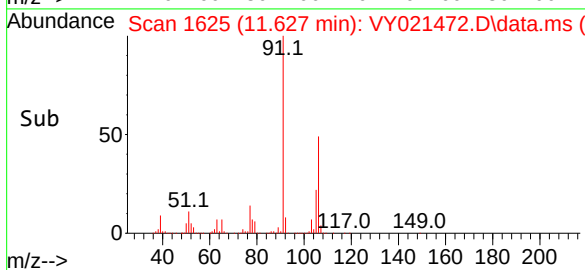
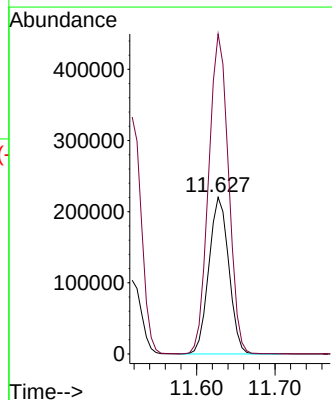
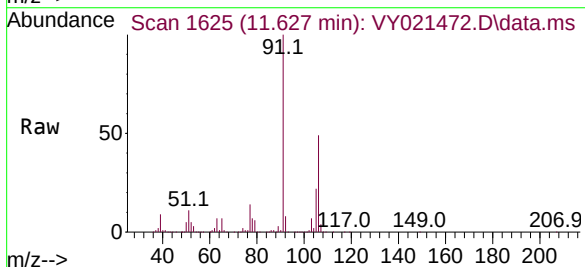
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

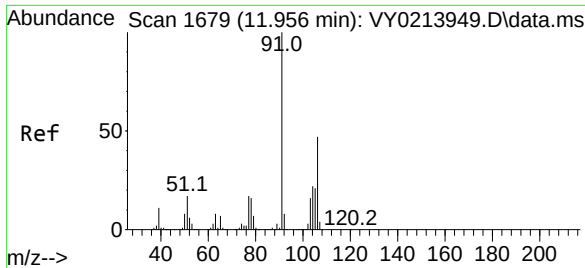
Tgt Ion: 91 Resp: 505112
Ion Ratio Lower Upper
91 100
106 31.2 24.6 36.8



#68
m/p-Xylenes
Concen: 101.247 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

Tgt Ion: 106 Resp: 388148
Ion Ratio Lower Upper
106 100
91 204.3 161.7 242.5

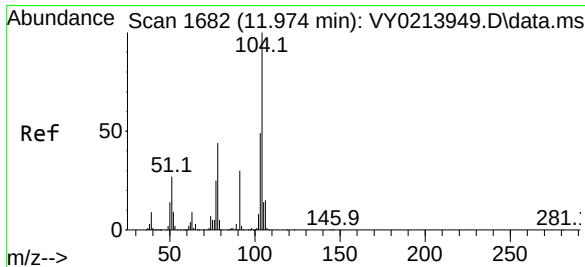
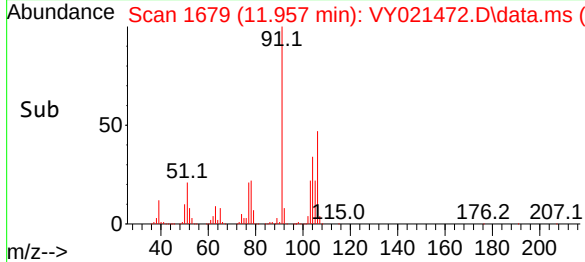
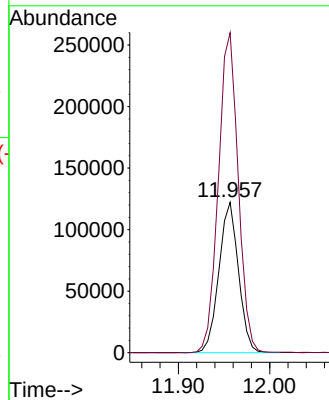
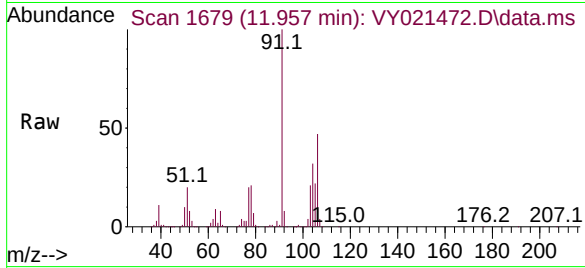




#69
o-Xylene
Concen: 51.470 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

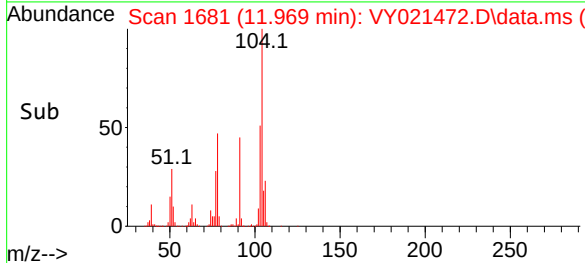
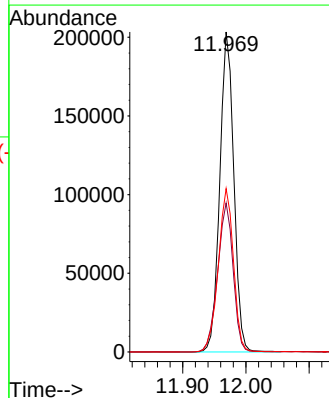
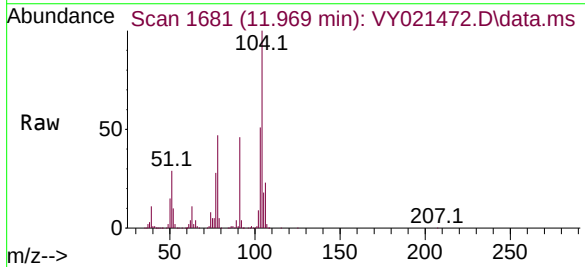
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

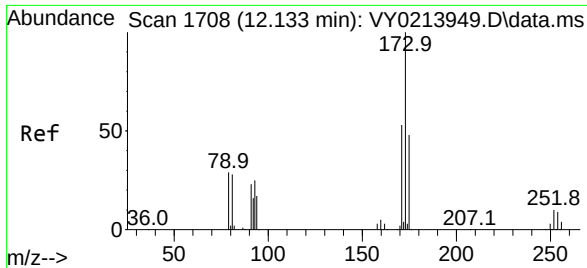
Tgt Ion:106 Resp: 181856
Ion Ratio Lower Upper
106 100
91 215.7 107.6 322.8



#70
Styrene
Concen: 53.196 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

Tgt Ion:104 Resp: 311809
Ion Ratio Lower Upper
104 100
78 51.5 40.7 61.1
103 55.3 44.1 66.1

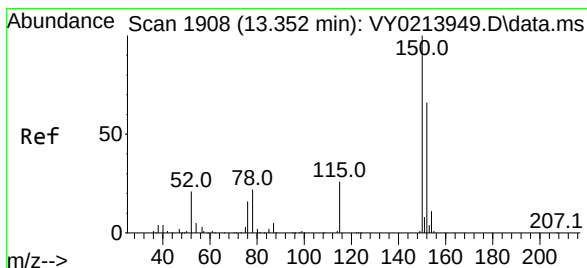
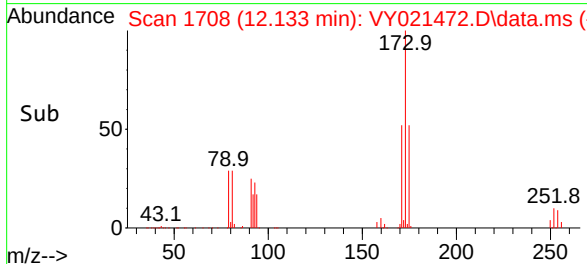
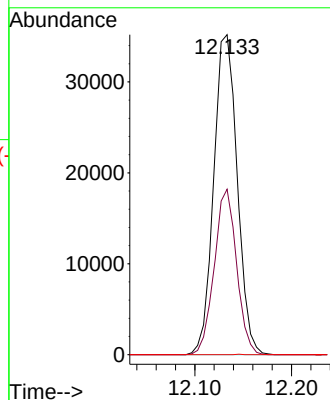
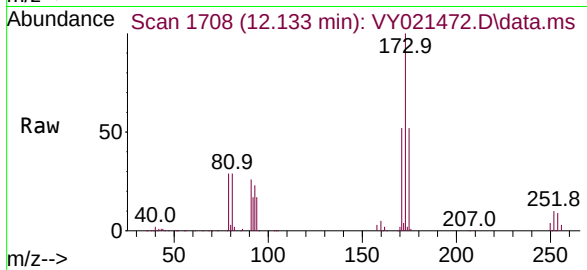




#71
Bromoform
Concen: 52.156 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

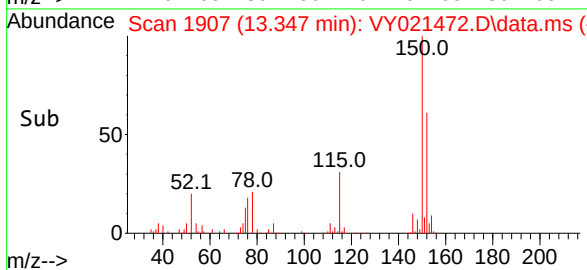
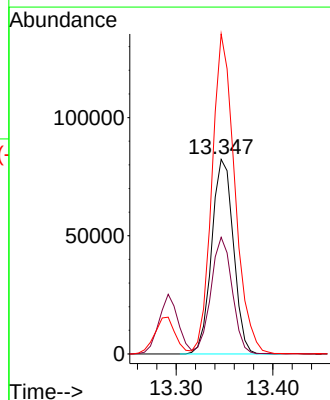
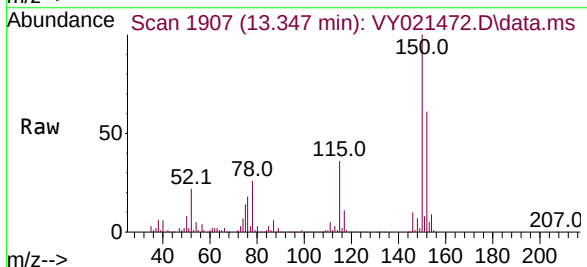
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

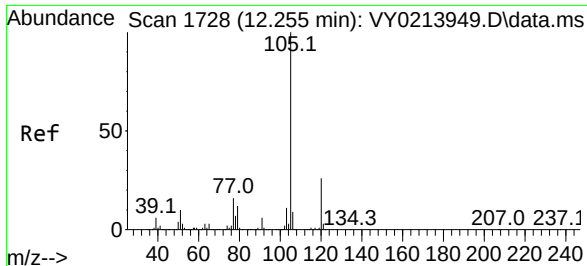
Tgt Ion:173 Resp: 59303
Ion Ratio Lower Upper
173 100
175 49.1 23.9 71.7
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

Tgt Ion:152 Resp: 128624
Ion Ratio Lower Upper
152 100
115 58.7 29.0 87.0
150 172.9 0.0 347.2

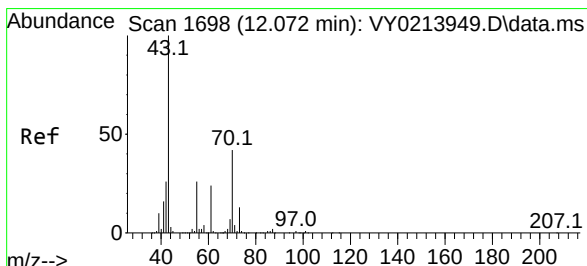
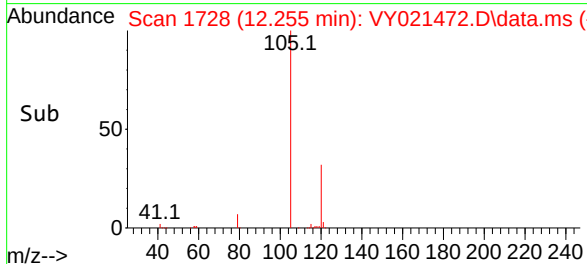
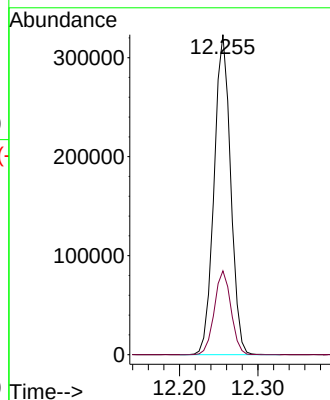
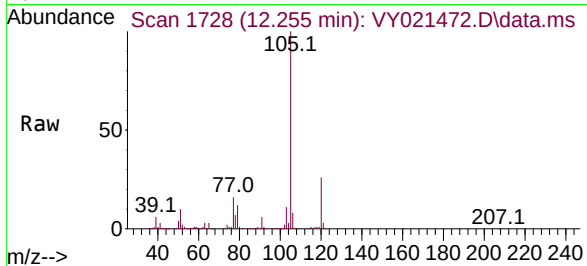




#73
Isopropylbenzene
Concen: 46.814 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

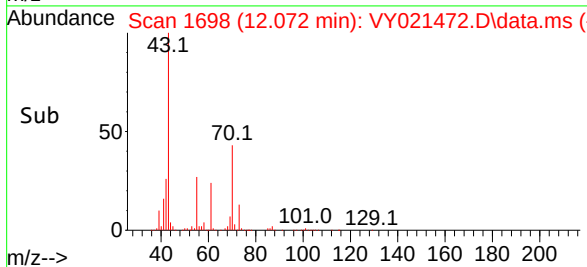
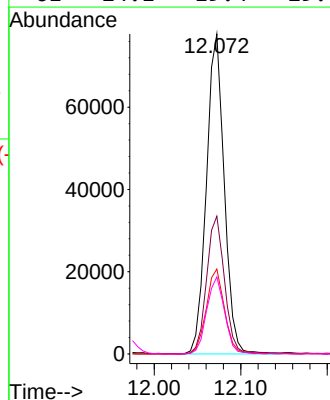
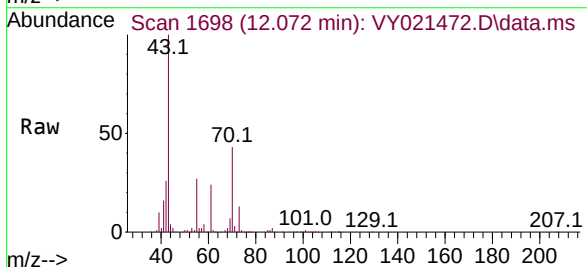
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

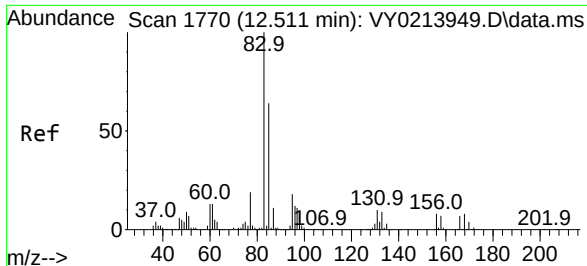
Tgt Ion:105 Resp: 474321
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.3



#74
N-ethyl acetate
Concen: 50.563 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

Tgt Ion: 43 Resp: 111260
Ion Ratio Lower Upper
43 100
70 43.4 34.6 51.8
55 27.4 21.1 31.7
61 24.1 19.4 29.0

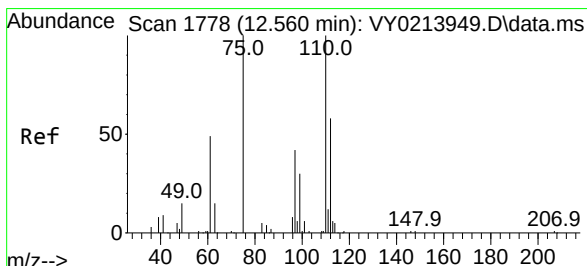
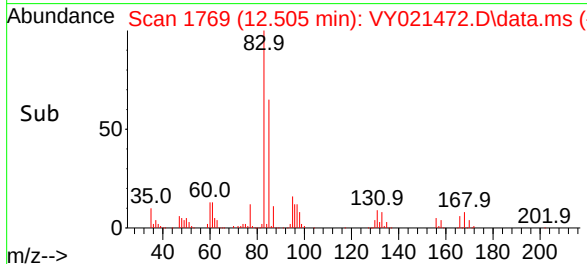
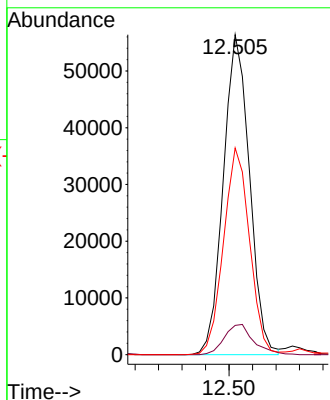
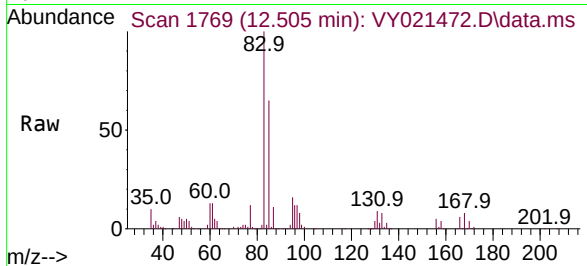




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.756 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY021472.D
 Acq: 07 Mar 2025 19:32

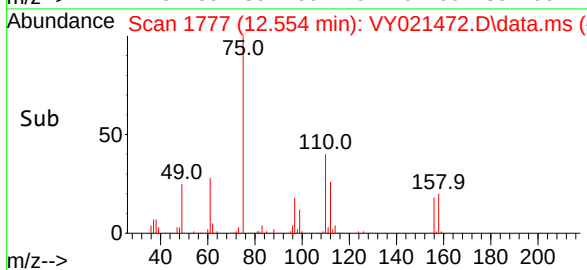
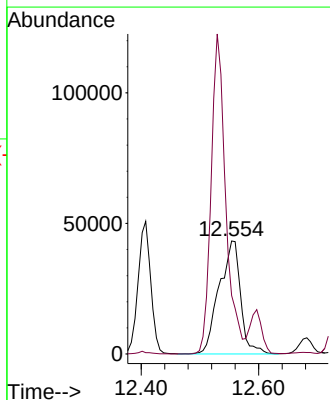
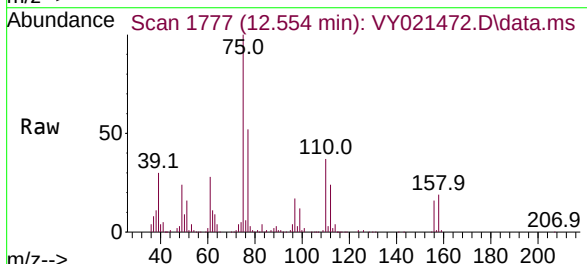
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

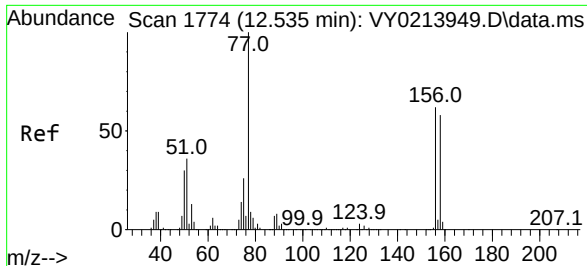
Tgt Ion: 83 Resp: 87173
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.3 16.1
 85 64.3 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 84.774 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.006 min
 Lab File: VY021472.D
 Acq: 07 Mar 2025 19:32

Tgt Ion: 75 Resp: 109877
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

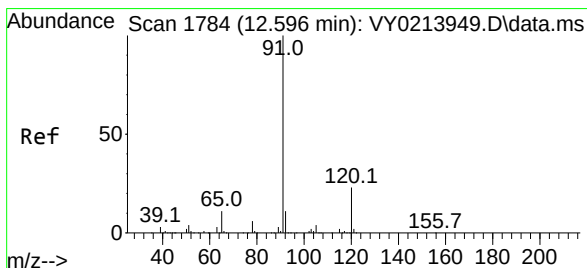
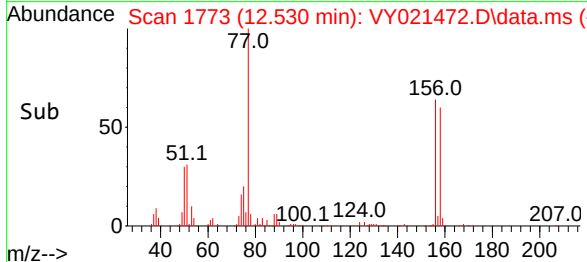
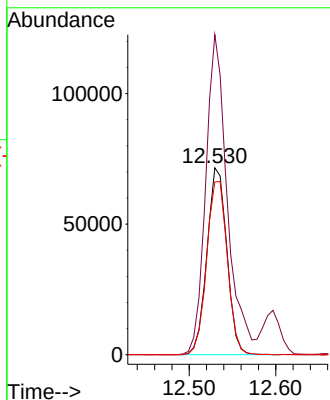
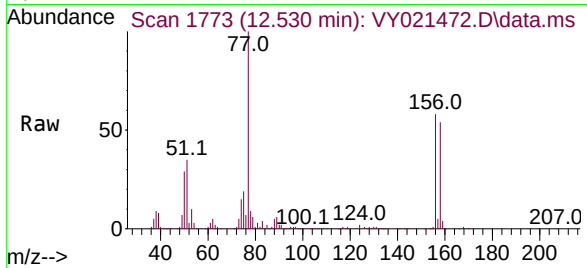




#77
Bromobenzene
Concen: 48.186 ug/l
RT: 12.530 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

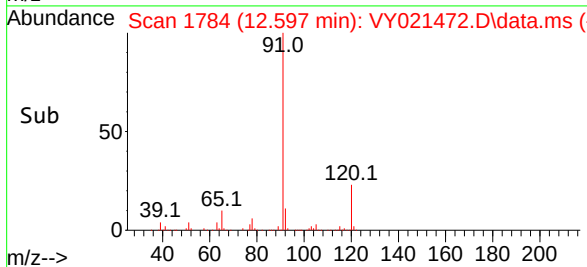
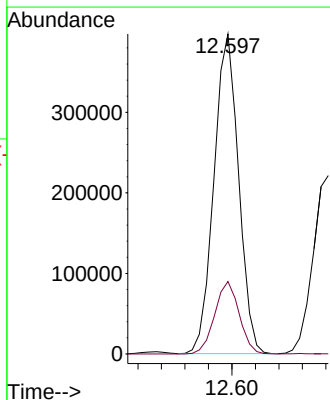
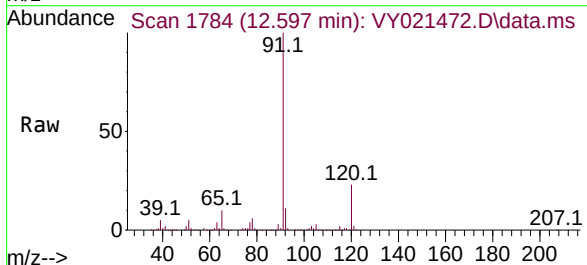
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

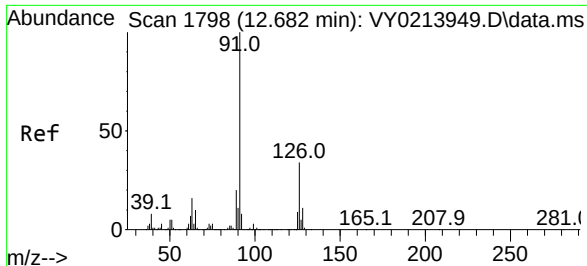
Tgt Ion:156 Resp: 114220
Ion Ratio Lower Upper
156 100
77 184.8 93.6 280.8
158 96.2 48.3 144.8



#78
n-propylbenzene
Concen: 46.996 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

Tgt Ion: 91 Resp: 578295
Ion Ratio Lower Upper
91 100
120 22.4 11.3 33.8





#79

2-Chlorotoluene

Concen: 48.112 ug/l

RT: 12.682 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021472.D

Acq: 07 Mar 2025 19:32

Instrument :

MSVOA_Y

ClientSampleId :

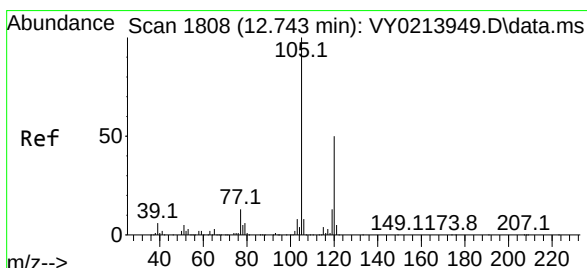
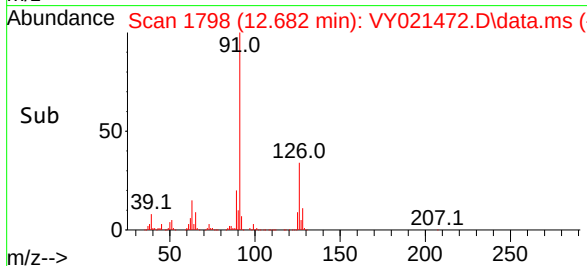
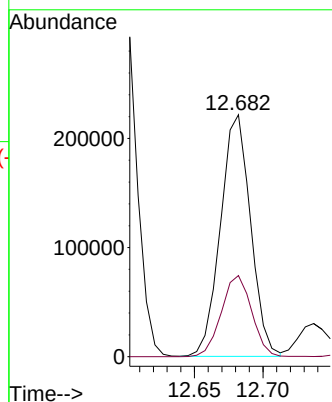
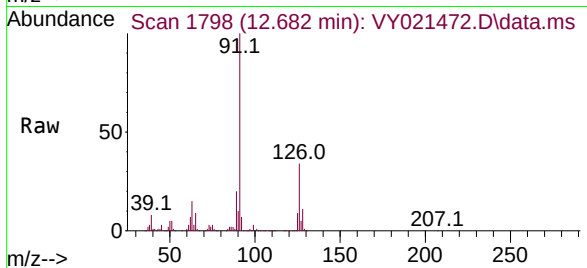
VSTDCCC050EC

Tgt Ion: 91 Resp: 338516

Ion Ratio Lower Upper

91 100

126 33.9 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 48.316 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY021472.D

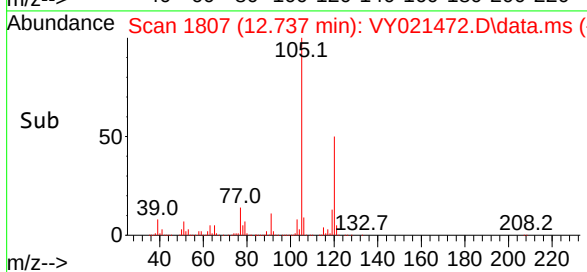
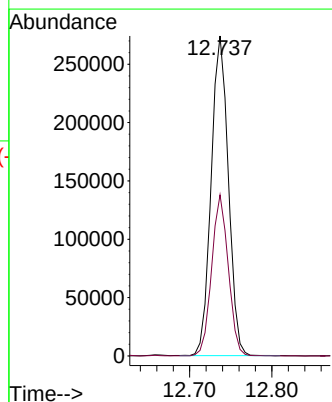
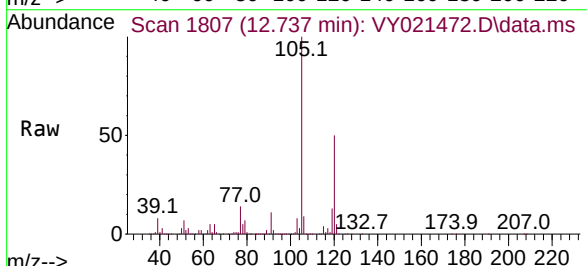
Acq: 07 Mar 2025 19:32

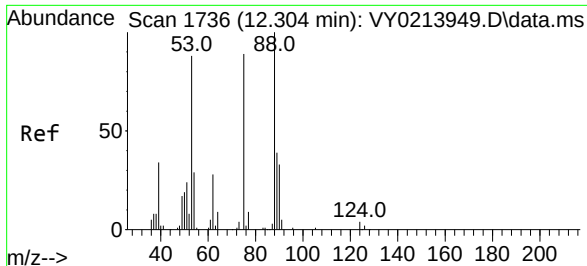
Tgt Ion:105 Resp: 397827

Ion Ratio Lower Upper

105 100

120 48.8 24.6 73.6

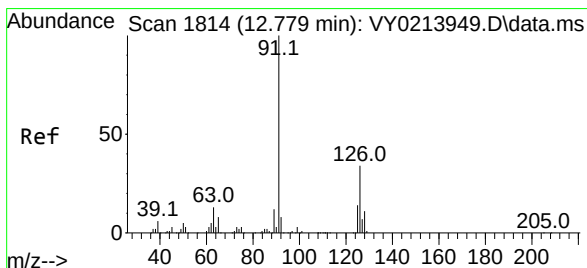
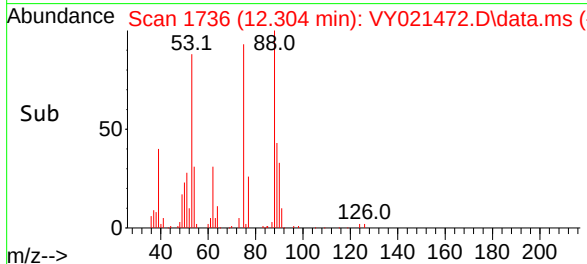
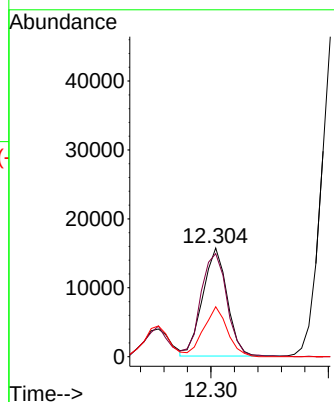
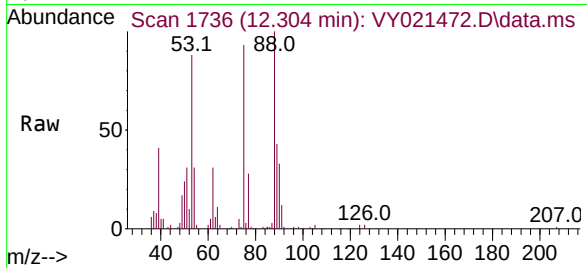




#81
 trans-1,4-Dichloro-2-butene
 Concen: 39.769 ug/l
 RT: 12.304 min Scan# 1736
 Delta R.T. 0.000 min
 Lab File: VY021472.D
 Acq: 07 Mar 2025 19:32

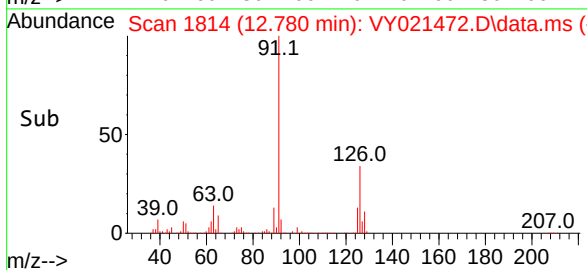
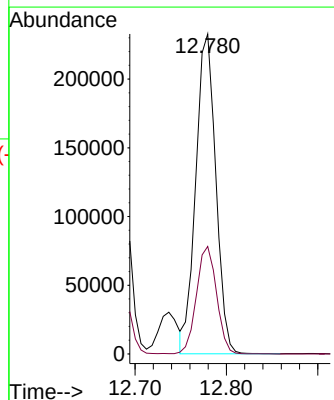
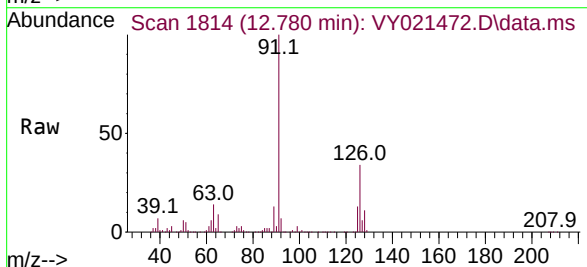
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

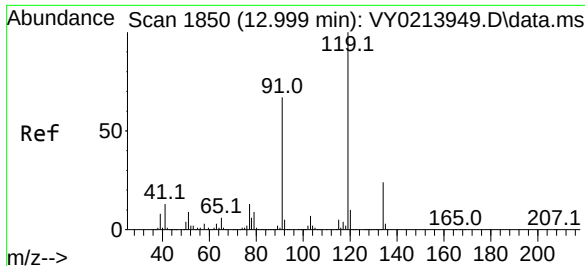
Tgt Ion: 75 Resp: 22674
 Ion Ratio Lower Upper
 75 100
 53 102.9 81.0 121.4
 89 44.6 36.9 55.3



#82
 4-Chlorotoluene
 Concen: 48.554 ug/l
 RT: 12.780 min Scan# 1814
 Delta R.T. 0.000 min
 Lab File: VY021472.D
 Acq: 07 Mar 2025 19:32

Tgt Ion: 91 Resp: 353763
 Ion Ratio Lower Upper
 91 100
 126 33.7 17.0 51.0

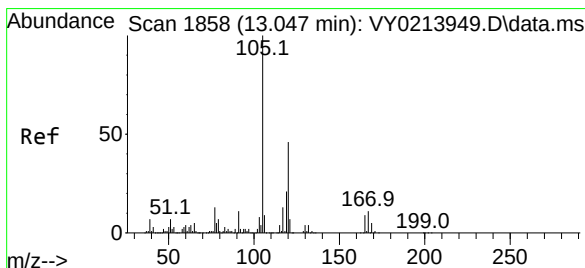
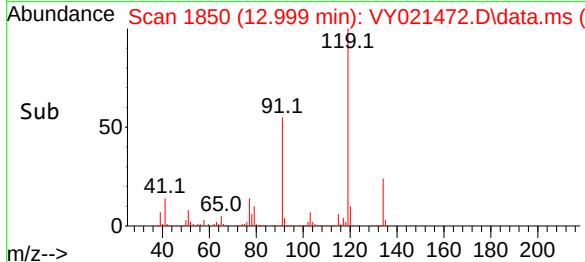
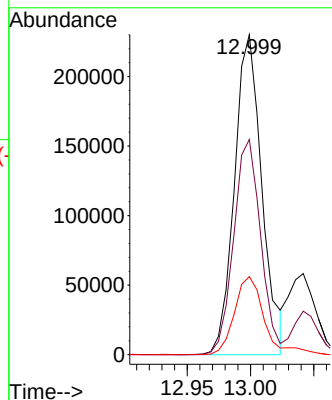
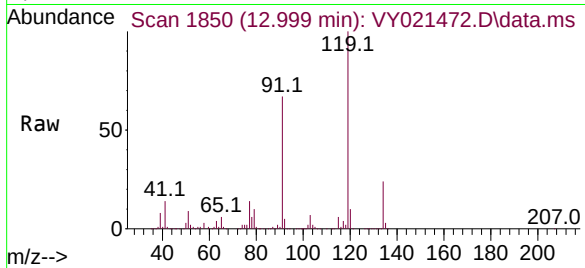




#83
 tert-Butylbenzene
 Concen: 47.391 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021472.D
 Acq: 07 Mar 2025 19:32

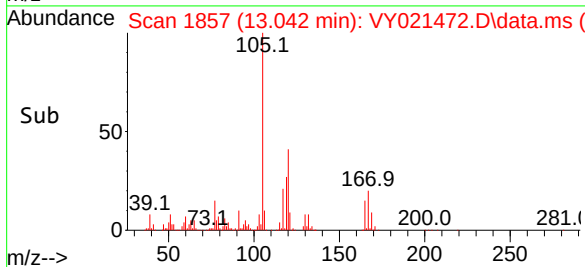
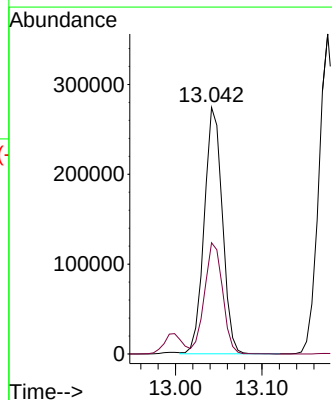
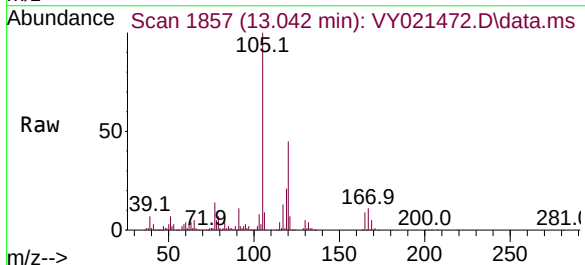
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

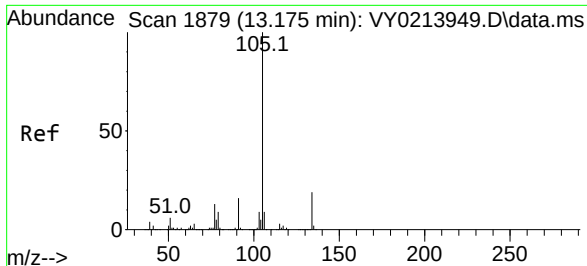
Tgt Ion:119 Resp: 348108
 Ion Ratio Lower Upper
 119 100
 91 66.1 33.2 99.6
 134 26.5 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 48.781 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.006 min
 Lab File: VY021472.D
 Acq: 07 Mar 2025 19:32

Tgt Ion:105 Resp: 398798
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.7 68.1

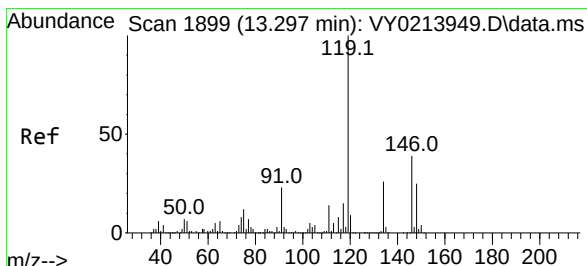
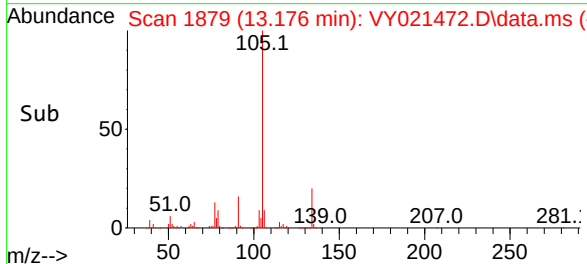
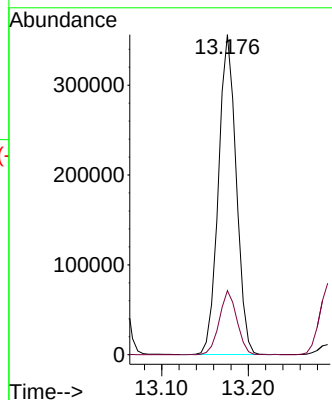
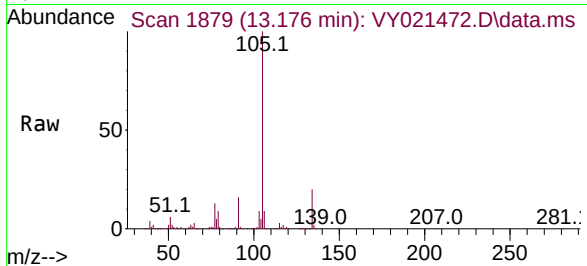




#85
 sec-Butylbenzene
 Concen: 46.488 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021472.D
 Acq: 07 Mar 2025 19:32

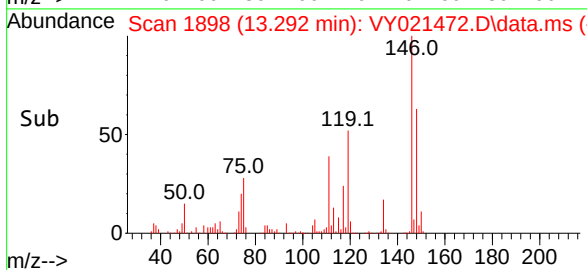
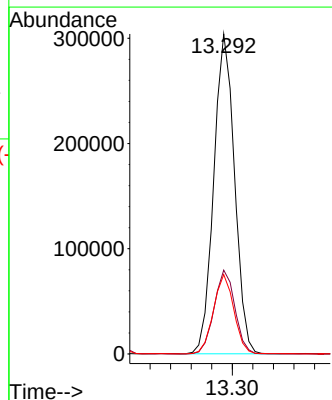
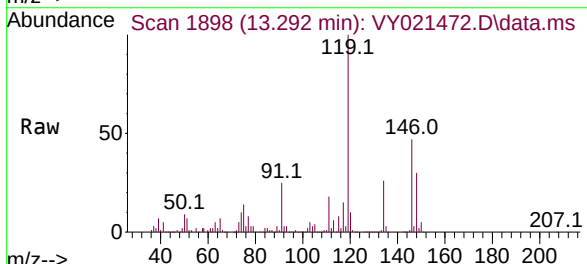
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

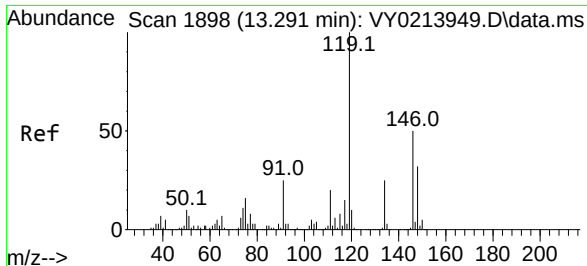
Tgt Ion:105 Resp: 508061
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 47.277 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY021472.D
 Acq: 07 Mar 2025 19:32

Tgt Ion:119 Resp: 425675
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.1
 91 24.3 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 47.356 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY021472.D

Acq: 07 Mar 2025 19:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

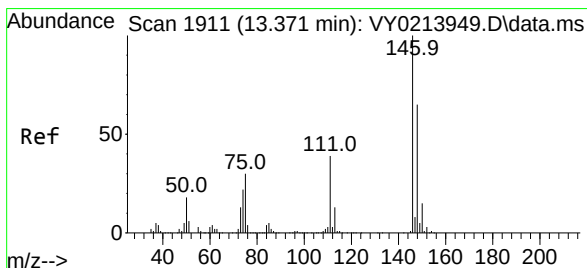
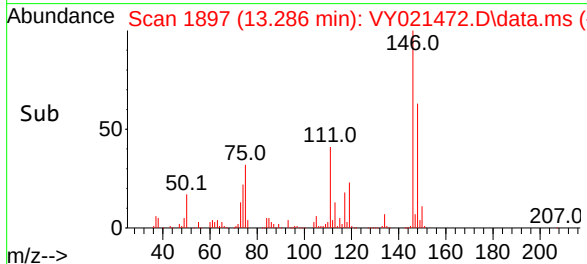
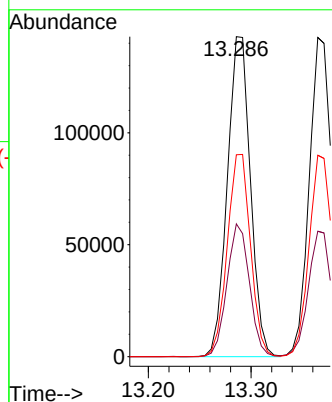
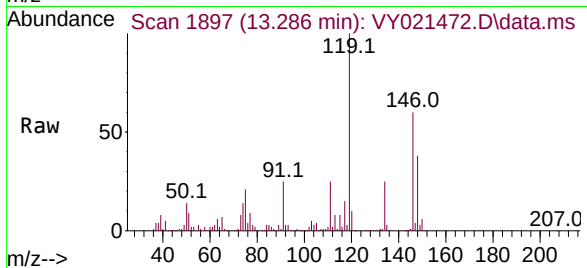
Tgt Ion:146 Resp: 223446

Ion Ratio Lower Upper

146 100

111 40.4 20.0 60.0

148 63.5 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 47.557 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY021472.D

Acq: 07 Mar 2025 19:32

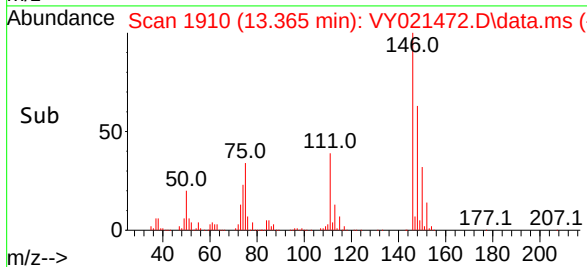
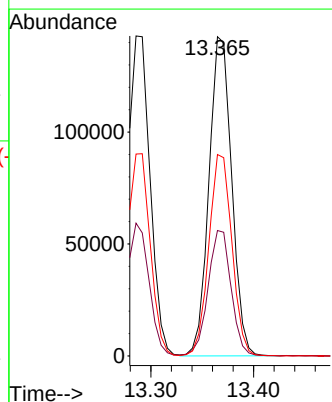
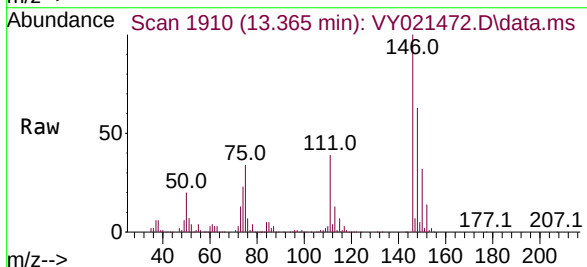
Tgt Ion:146 Resp: 219451

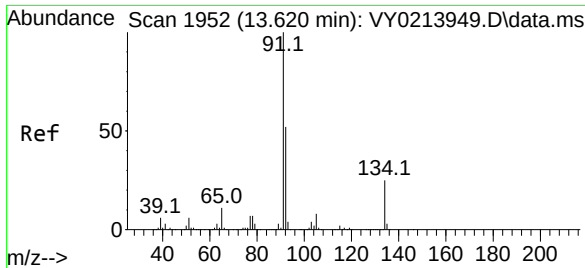
Ion Ratio Lower Upper

146 100

111 40.0 19.6 58.8

148 64.2 32.3 96.8

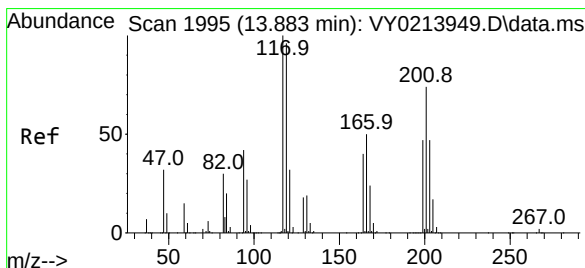
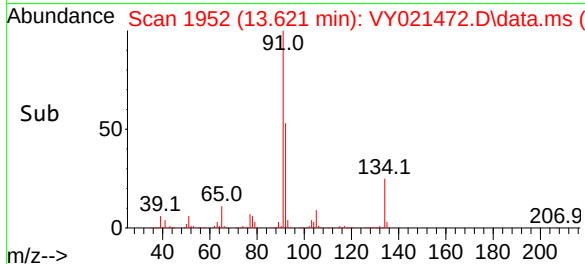
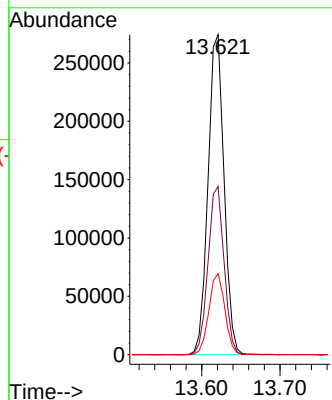
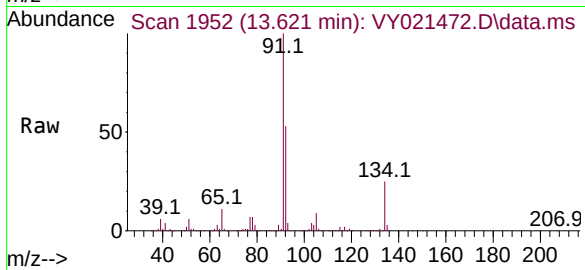




#89
n-Butylbenzene
Concen: 46.830 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

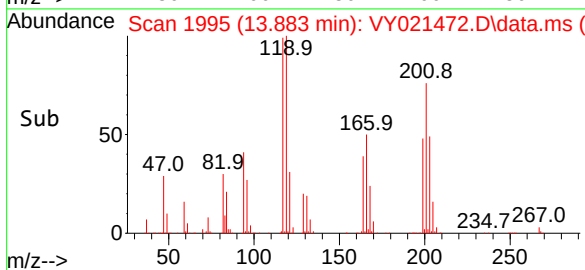
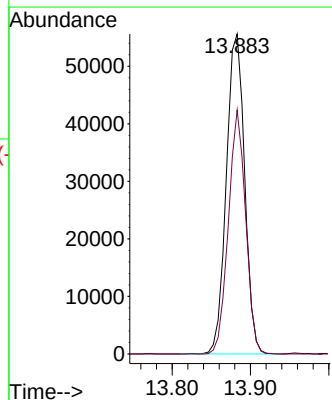
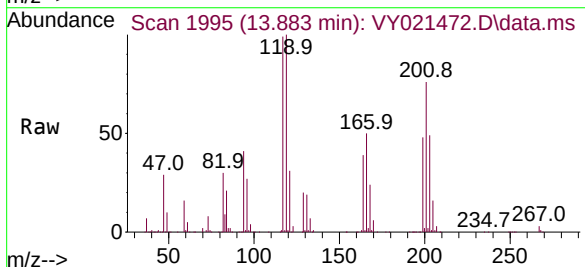
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

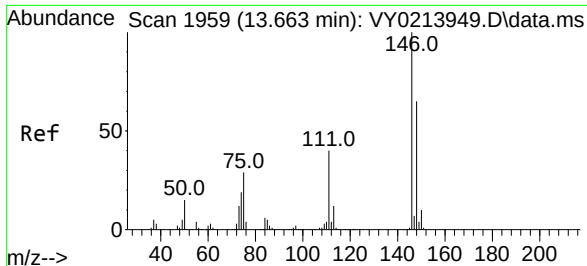
Tgt Ion: 91 Resp: 389348
Ion Ratio Lower Upper
91 100
92 52.7 26.1 78.3
134 25.3 12.6 37.8



#90
Hexachloroethane
Concen: 47.066 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

Tgt Ion: 117 Resp: 90404
Ion Ratio Lower Upper
117 100
201 71.8 37.4 112.2

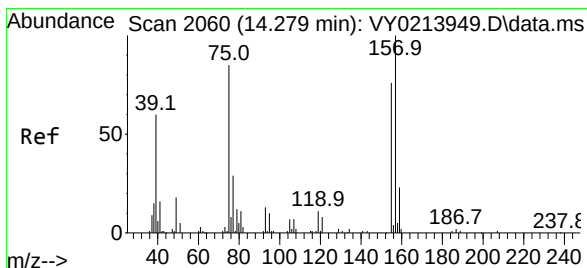
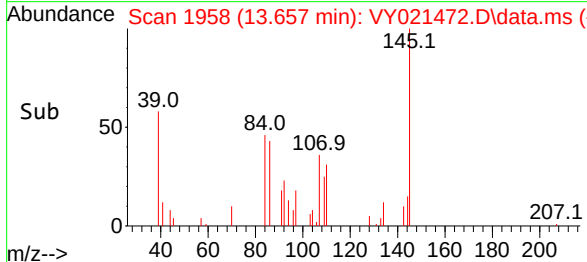
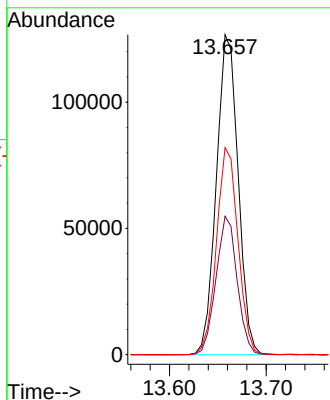
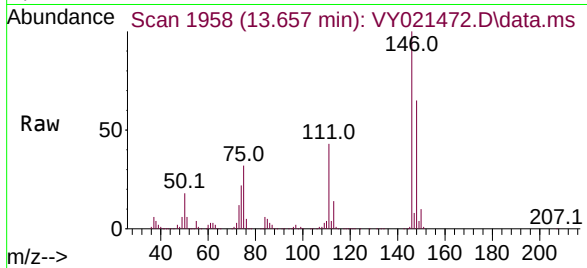




#91
1,2-Dichlorobenzene
Concen: 48.928 ug/l
RT: 13.657 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

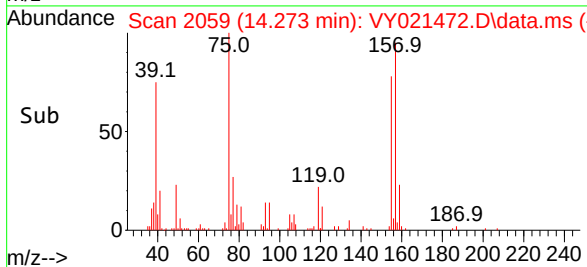
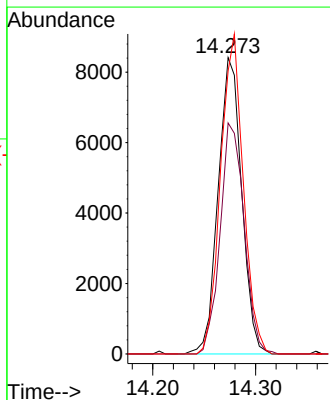
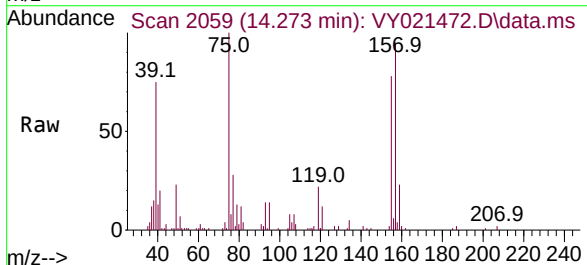
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

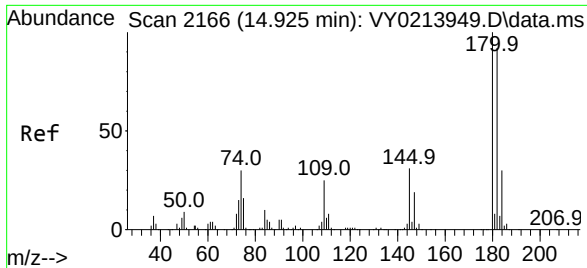
Tgt Ion:146 Resp: 197868
Ion Ratio Lower Upper
146 100
111 42.1 20.7 62.1
148 63.9 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.756 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

Tgt Ion: 75 Resp: 13326
Ion Ratio Lower Upper
75 100
155 79.7 43.5 130.5
157 104.5 54.4 163.2





#93

1,2,4-Trichlorobenzene

Concen: 47.445 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY021472.D

Acq: 07 Mar 2025 19:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

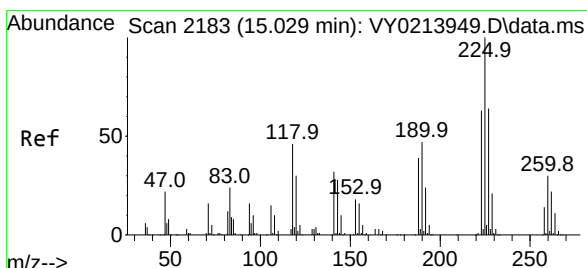
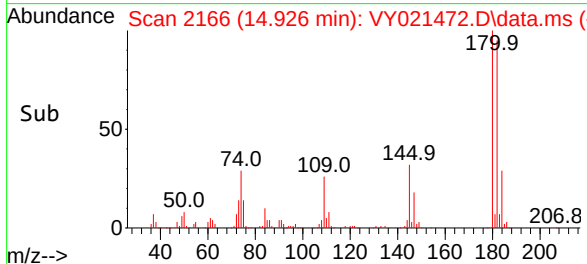
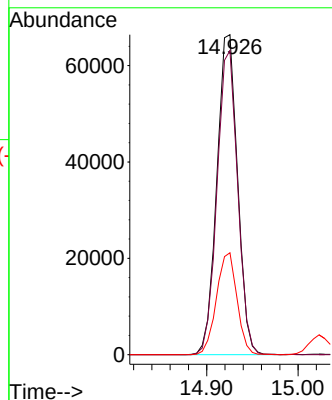
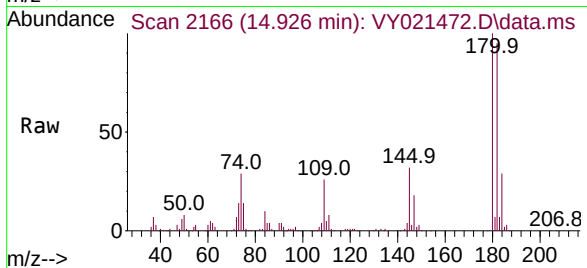
Tgt Ion:180 Resp: 104801

Ion Ratio Lower Upper

180 100

182 94.5 46.7 140.0

145 31.6 15.6 46.8



#94

Hexachlorobutadiene

Concen: 45.013 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY021472.D

Acq: 07 Mar 2025 19:32

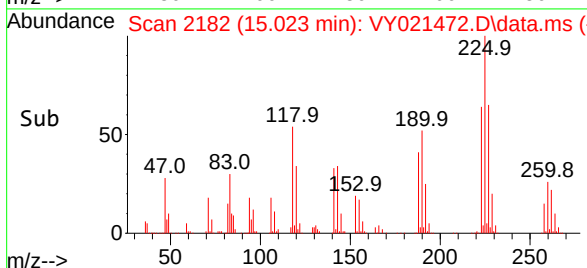
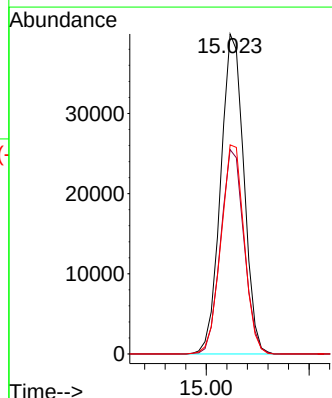
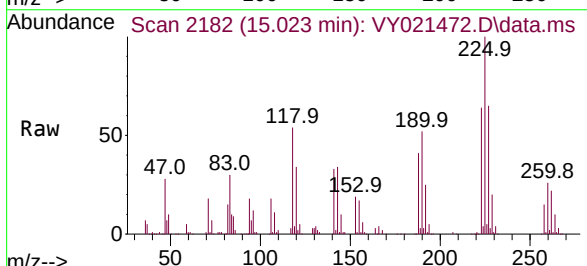
Tgt Ion:225 Resp: 62326

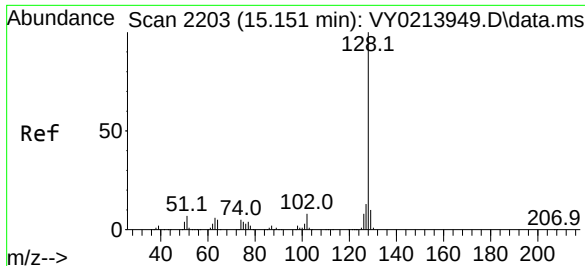
Ion Ratio Lower Upper

225 100

223 64.5 31.4 94.2

227 65.5 31.8 95.4

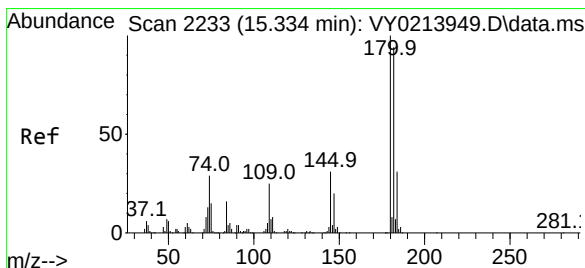
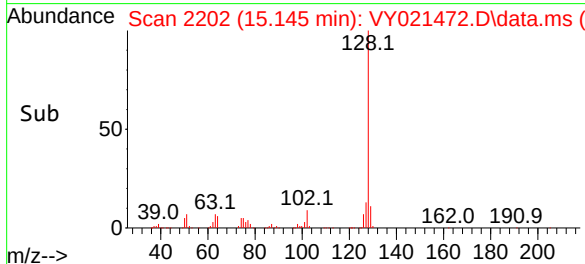
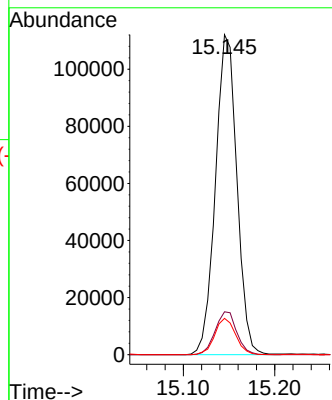
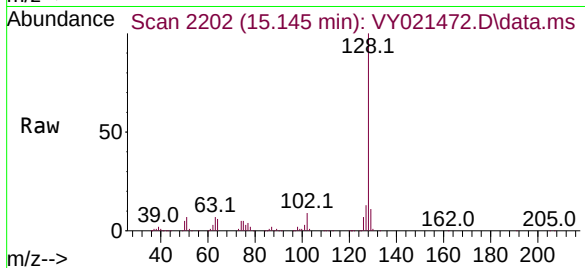




#95
Naphthalene
Concen: 49.133 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 183025
Ion Ratio Lower Upper
128 100
127 13.5 10.6 15.8
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 48.963 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY021472.D
Acq: 07 Mar 2025 19:32

Tgt Ion:180 Resp: 90962
Ion Ratio Lower Upper
180 100
182 93.2 47.2 141.6
145 31.9 16.4 49.1

