

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
 Data File : VY021449.D
 Acq On : 06 Mar 2025 21:15
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 07 03:36:47 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	179266	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	297875	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	278765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	143667	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	104533	55.170	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.340%	
35) Dibromofluoromethane	7.634	113	96323	49.195	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.400%	
50) Toluene-d8	10.103	98	363951	49.093	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.180%	
62) 4-Bromofluorobenzene	12.402	95	126564	50.188	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.380%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	72400	44.011	ug/l	100
3) Chloromethane	2.068	50	124469	53.667	ug/l	97
4) Vinyl Chloride	2.202	62	138734	54.737	ug/l	98
5) Bromomethane	2.592	94	96928	52.913	ug/l	97
6) Chloroethane	2.733	64	98020	58.521	ug/l	96
7) Trichlorofluoromethane	3.056	101	178675	50.507	ug/l	98
8) Diethyl Ether	3.452	74	54773	55.869	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	94592	46.833	ug/l	97
10) Methyl Iodide	4.001	142	110100	53.626	ug/l	99
11) Tert butyl alcohol	4.860	59	37206	307.172	ug/l	99
12) 1,1-Dichloroethene	3.787	96	89024	48.345	ug/l	99
13) Acrolein	3.641	56	2996	31.087	ug/l	86
14) Allyl chloride	4.385	41	151635	50.955	ug/l	100
15) Acrylonitrile	5.061	53	129398	310.054	ug/l	98
16) Acetone	3.866	43	98294	237.851	ug/l	94
17) Carbon Disulfide	4.104	76	293709	50.894	ug/l	98
18) Methyl Acetate	4.379	43	61722	67.313	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	262618	56.268	ug/l	99
20) Methylene Chloride	4.610	84	111622	51.456	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	107904	52.323	ug/l	96
22) Diisopropyl ether	6.019	45	368564	57.469	ug/l	96
23) Vinyl Acetate	5.958	43	1078290	294.607	ug/l	98
24) 1,1-Dichloroethane	5.915	63	205407	54.267	ug/l	100
25) 2-Butanone	6.890	43	163656	286.281	ug/l	97
26) 2,2-Dichloropropane	6.884	77	128531	36.905	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	127179	54.285	ug/l	96
28) Bromochloromethane	7.244	49	96604	60.877	ug/l	98
29) Tetrahydrofuran	7.262	42	111815	316.832	ug/l	98
30) Chloroform	7.421	83	217839	55.423	ug/l	96
31) Cyclohexane	7.701	56	159628	44.984	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	182153	50.614	ug/l	98
36) 1,1-Dichloropropene	7.835	75	144407	47.117	ug/l	99
37) Ethyl Acetate	6.982	43	77836	57.459	ug/l	99
38) Carbon Tetrachloride	7.817	117	164169	46.575	ug/l	96
39) Methylcyclohexane	9.109	83	167614	44.585	ug/l	99
40) Benzene	8.079	78	458030	50.732	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	42285	57.328	ug/l #	88
42) 1,2-Dichloroethane	8.158	62	135589	53.683	ug/l	100
43) Isopropyl Acetate	8.195	43	147717	56.173	ug/l #	87
44) Trichloroethene	8.866	130	108504	47.559	ug/l	97
45) 1,2-Dichloropropane	9.140	63	112984	52.581	ug/l	99
46) Dibromomethane	9.231	93	66332	55.481	ug/l	98
47) Bromodichloromethane	9.420	83	168750	53.148	ug/l	96
48) Methyl methacrylate	9.219	41	70262	58.187	ug/l	98
49) 1,4-Dioxane	9.225	88	14978	1276.343	ug/l	94
51) 4-Methyl-2-Pentanone	9.993	43	409486	301.798	ug/l	99
52) Toluene	10.170	92	294006	51.652	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	139241	49.776	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	163988	49.377	ug/l	100
55) 1,1,2-Trichloroethane	10.573	97	86922	55.579	ug/l	99
56) Ethyl methacrylate	10.438	69	114831	57.571	ug/l	98
57) 1,3-Dichloropropane	10.713	76	150047	55.356	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	249813	271.314	ug/l	99
59) 2-Hexanone	10.762	43	275337	306.897	ug/l	98
60) Dibromochloromethane	10.908	129	117019	54.578	ug/l	99
61) 1,2-Dibromoethane	11.012	107	81139	54.971	ug/l	99
64) Tetrachloroethene	10.646	164	102795	45.348	ug/l	97
65) Chlorobenzene	11.438	112	316210	48.035	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	113735	48.868	ug/l	100
67) Ethyl Benzene	11.518	91	555801	48.103	ug/l	99
68) m/p-Xylenes	11.627	106	422121	96.230	ug/l	99
69) o-Xylene	11.950	106	199944	49.456	ug/l	99
70) Styrene	11.969	104	345029	51.444	ug/l	100
71) Bromoform	12.133	173	69092	53.106	ug/l #	99
73) Isopropylbenzene	12.255	105	514713	45.481	ug/l	100
74) N-amyl acetate	12.072	43	134199	54.602	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	103908	52.030	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	129119	89.188	ug/l #	100
77) Bromobenzene	12.530	156	125109	47.254	ug/l	98
78) n-propylbenzene	12.597	91	634106	46.136	ug/l	100
79) 2-Chlorotoluene	12.676	91	372352	47.380	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	434275	47.220	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	28172	44.238	ug/l	99
82) 4-Chlorotoluene	12.773	91	387231	47.583	ug/l	98
83) tert-Butylbenzene	12.999	119	386598	47.120	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	438470	48.018	ug/l	99
85) sec-Butylbenzene	13.176	105	553615	45.352	ug/l	99
86) p-Isopropyltoluene	13.292	119	462651	46.004	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	244789	46.448	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	240907	46.740	ug/l	99
89) n-Butylbenzene	13.615	91	425001	45.766	ug/l	99
90) Hexachloroethane	13.883	117	97866	45.616	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	216872	48.012	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	15700	52.481	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	116425	47.189	ug/l	99
94) Hexachlorobutadiene	15.023	225	66914	43.266	ug/l	99
95) Naphthalene	15.145	128	217418	51.890	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	102796	49.539	ug/l	99

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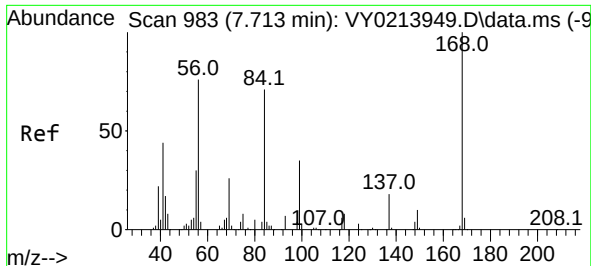
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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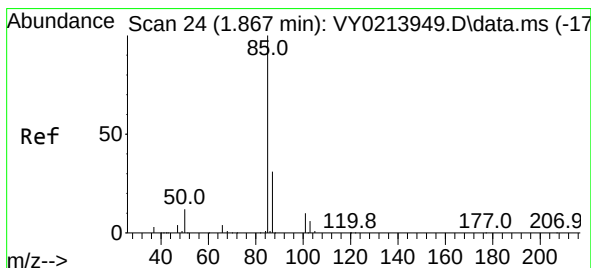
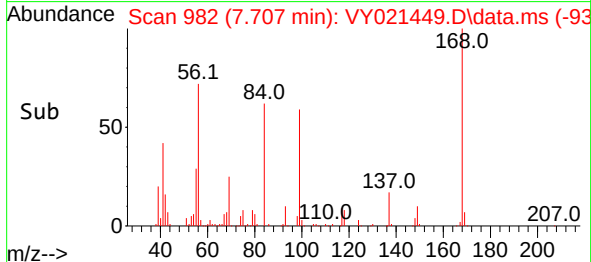
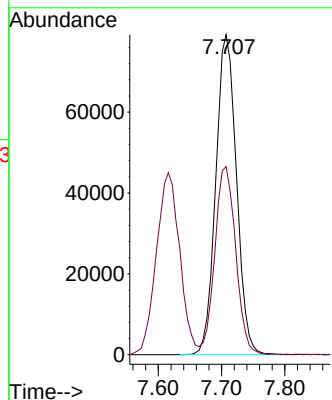
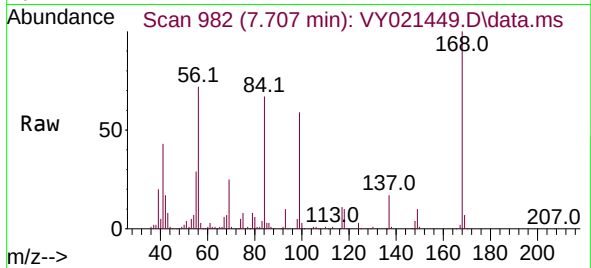




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021449.D
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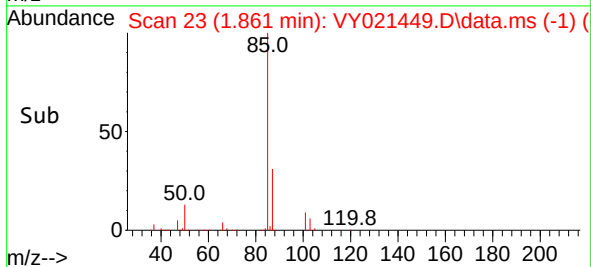
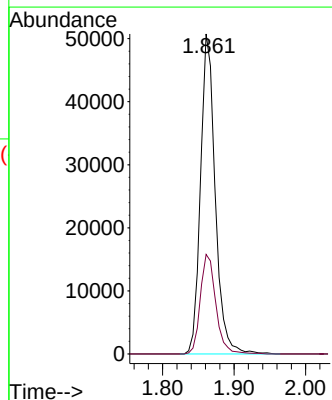
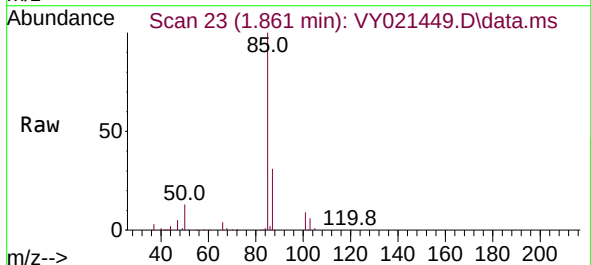
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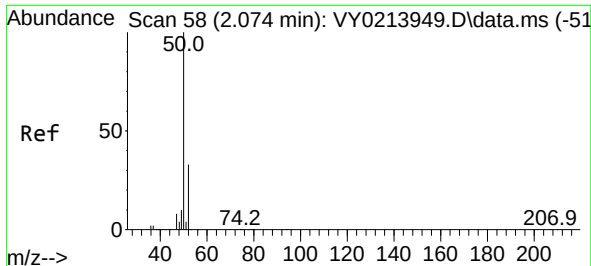
Tgt Ion:168 Resp: 179266
Ion Ratio Lower Upper
168 100
99 58.6 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 44.011 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

Tgt Ion: 85 Resp: 72400
Ion Ratio Lower Upper
85 100
87 31.1 15.7 47.0

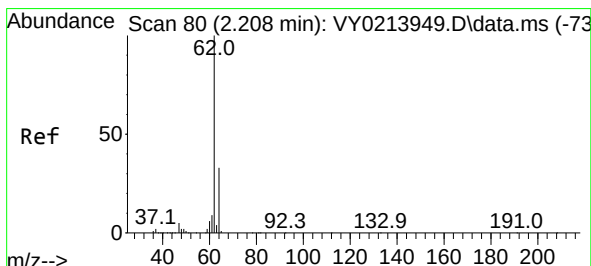
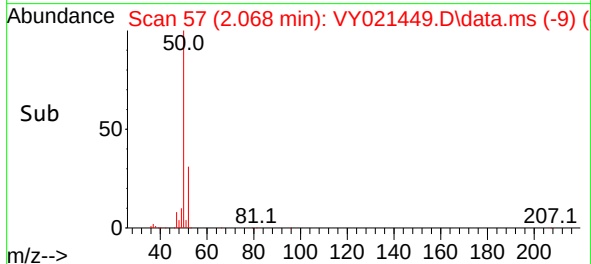
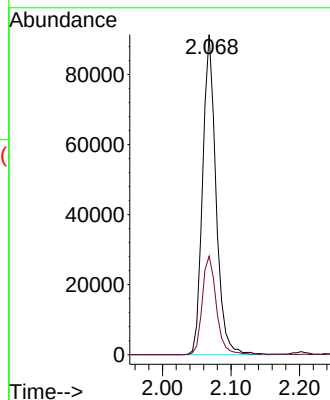
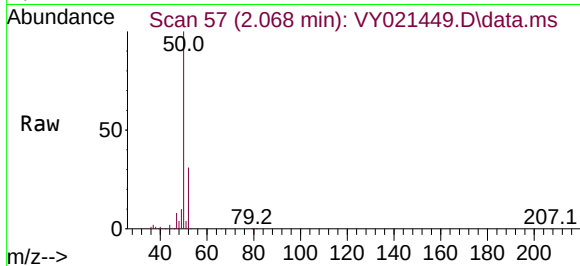




#3
Chloromethane
Concen: 53.667 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

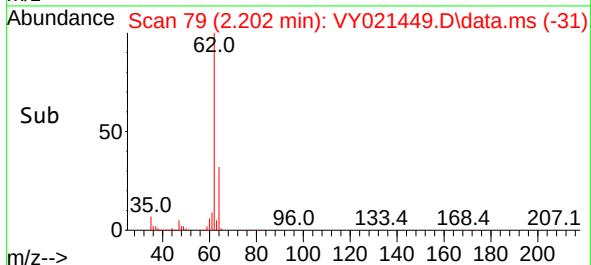
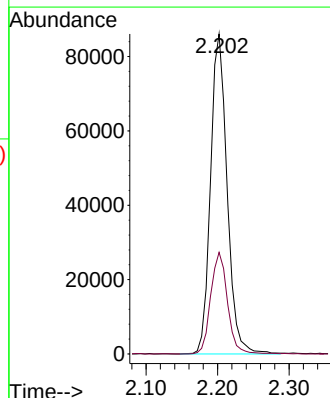
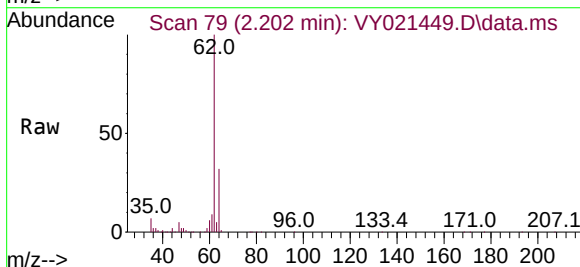
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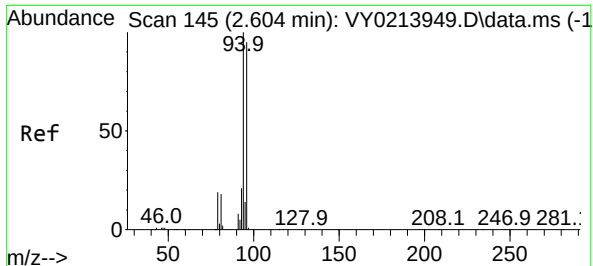
Tgt Ion: 50 Resp: 124469
Ion Ratio Lower Upper
50 100
52 30.8 26.2 39.2



#4
Vinyl Chloride
Concen: 54.737 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

Tgt Ion: 62 Resp: 138734
Ion Ratio Lower Upper
62 100
64 31.8 26.2 39.2

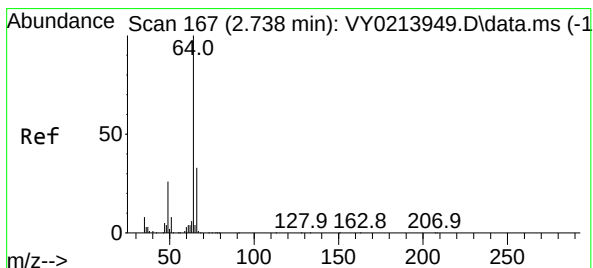
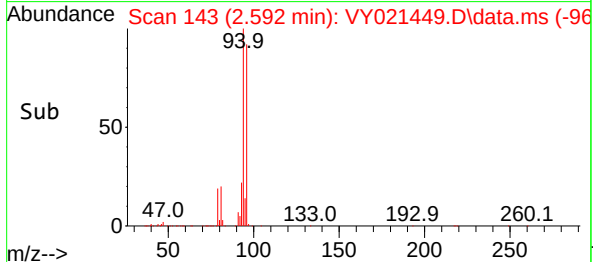
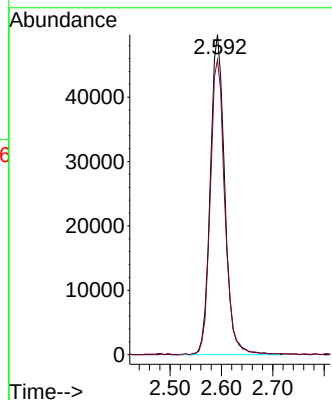
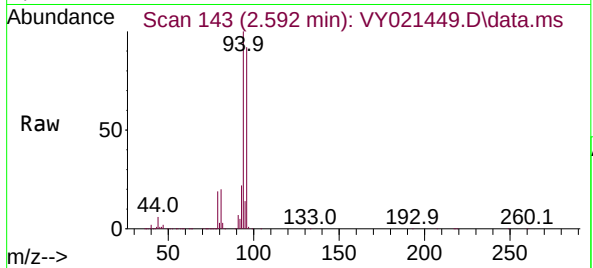




#5
Bromomethane
Concen: 52.913 ug/l
RT: 2.592 min Scan# 145
Delta R.T. -0.012 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

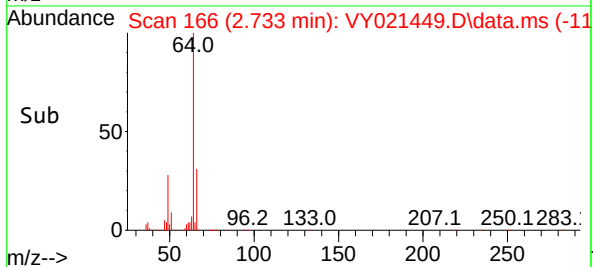
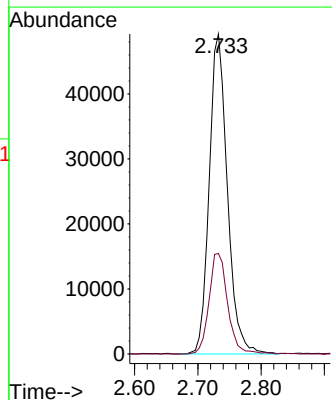
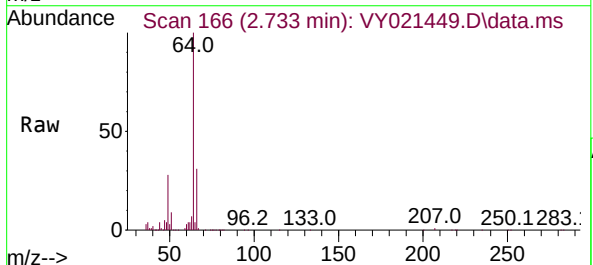
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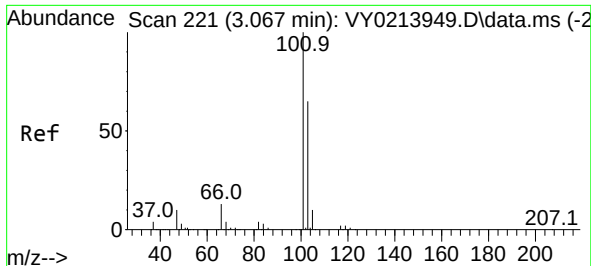
Tgt Ion: 94 Resp: 96928
Ion Ratio Lower Upper
94 100
96 92.2 76.3 114.5



#6
Chloroethane
Concen: 58.521 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

Tgt Ion: 64 Resp: 98020
Ion Ratio Lower Upper
64 100
66 31.4 26.7 40.1

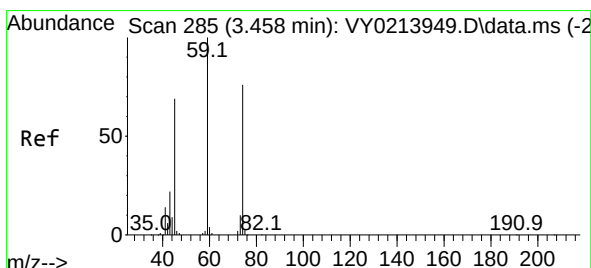
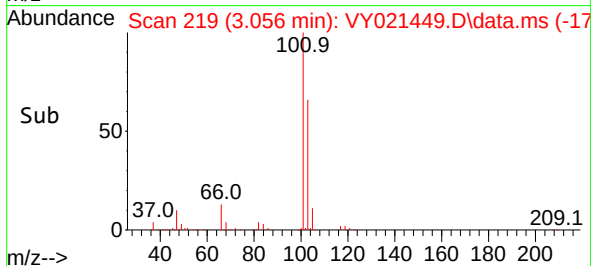
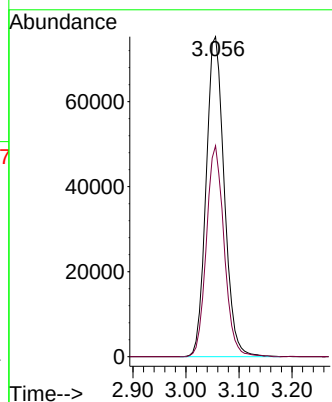
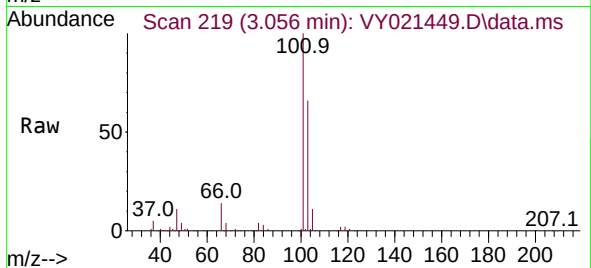




#7
 Trichlorofluoromethane
 Concen: 50.507 ug/l
 RT: 3.056 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VY021449.D
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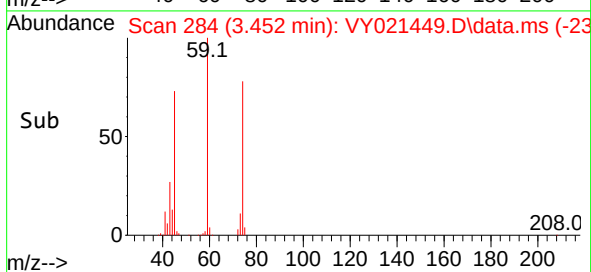
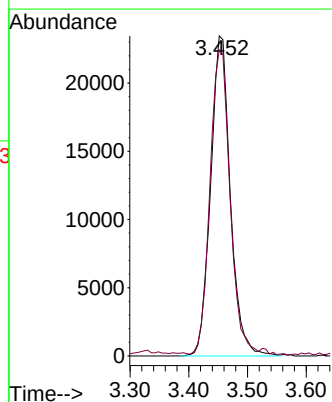
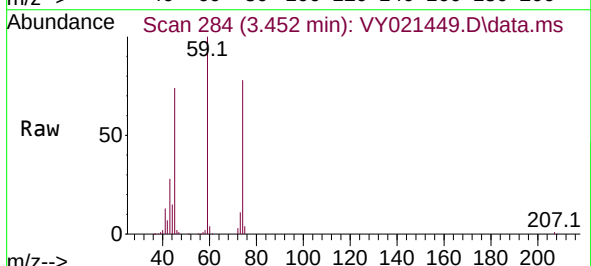
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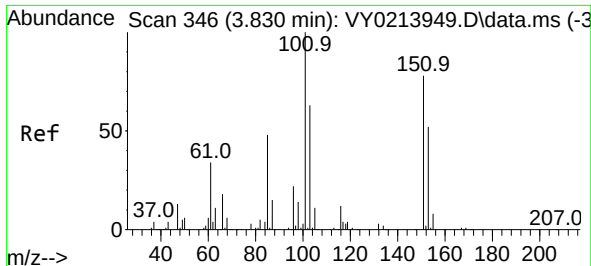
Tgt Ion:101 Resp: 178675
 Ion Ratio Lower Upper
 101 100
 103 65.9 51.7 77.5



#8
 Diethyl Ether
 Concen: 55.869 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY021449.D
 Acq: 06 Mar 2025 21:15

Tgt Ion: 74 Resp: 54773
 Ion Ratio Lower Upper
 74 100
 45 96.0 49.7 149.1

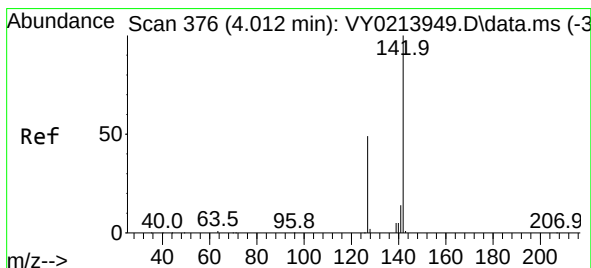
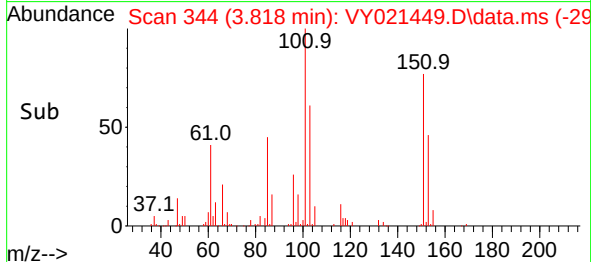
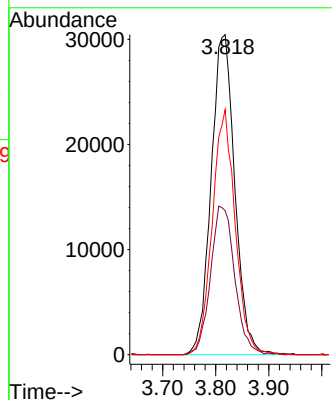
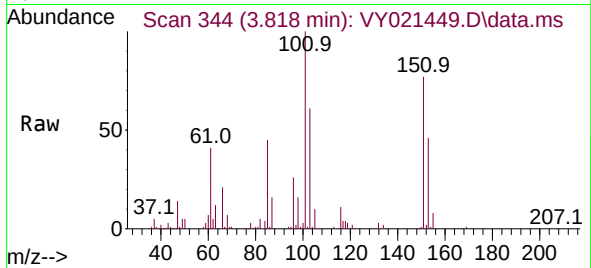




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.833 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY021449.D
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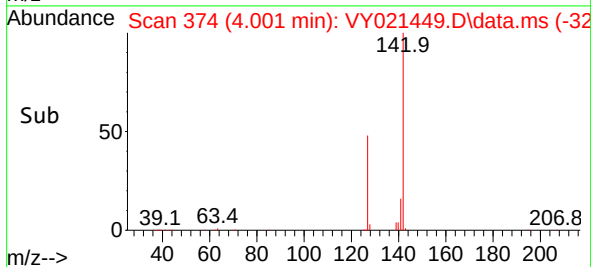
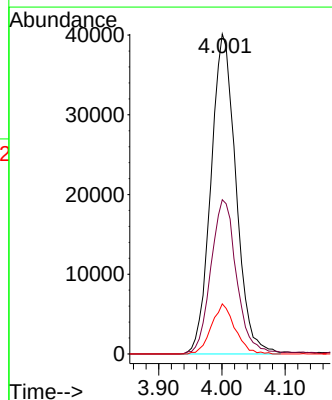
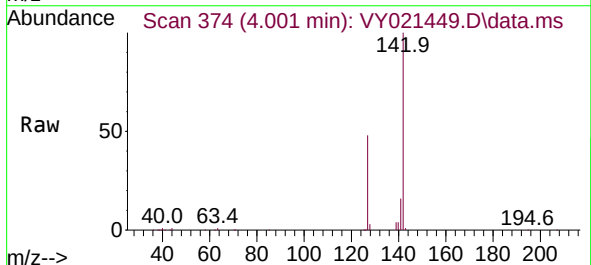
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

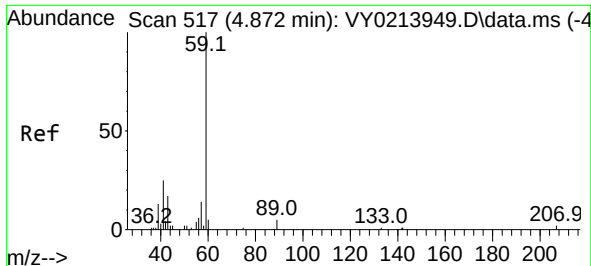
Tgt Ion:101 Resp: 94592
Ion Ratio Lower Upper
101 100
85 47.5 37.1 55.7
151 74.1 62.1 93.1



#10
Methyl Iodide
Concen: 53.626 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.012 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

Tgt Ion:142 Resp: 110100
Ion Ratio Lower Upper
142 100
127 49.6 39.1 58.7
141 14.8 11.8 17.6

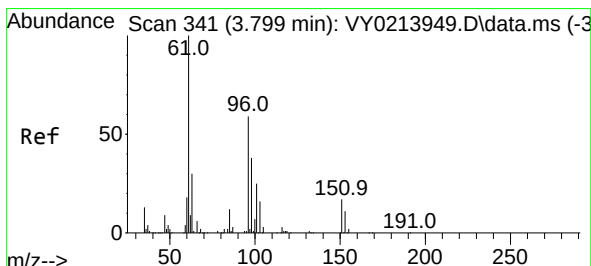
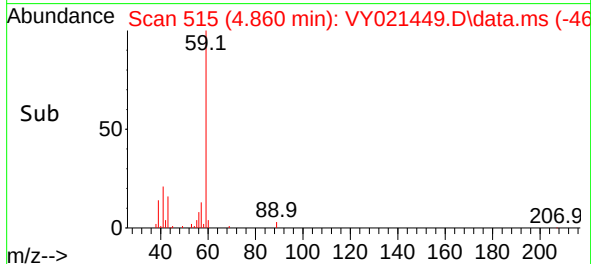
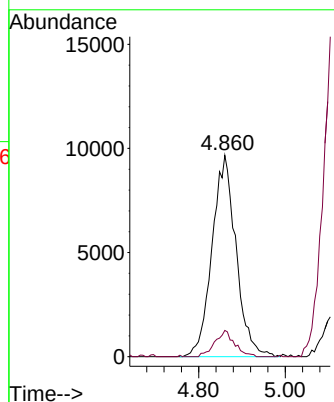
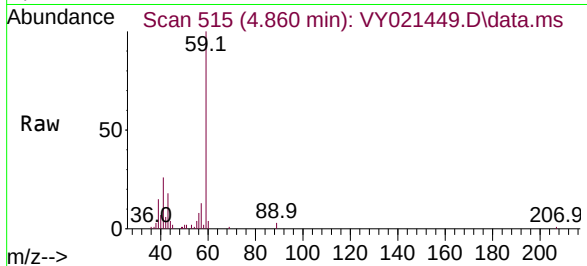




#11
Tert butyl alcohol
Concen: 307.172 ug/l
RT: 4.860 min Scan# 517
Delta R.T. -0.012 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

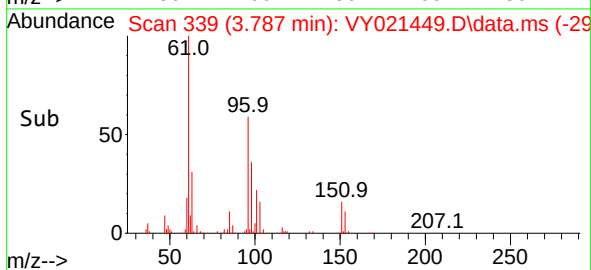
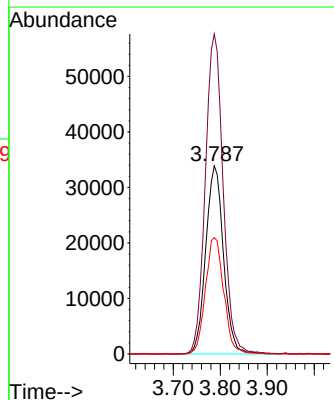
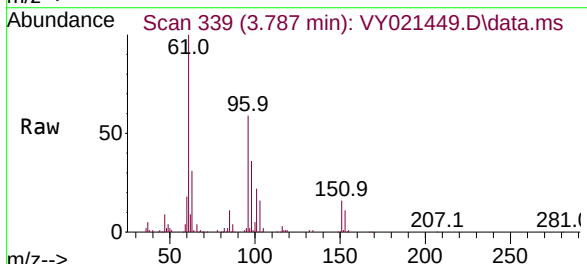
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

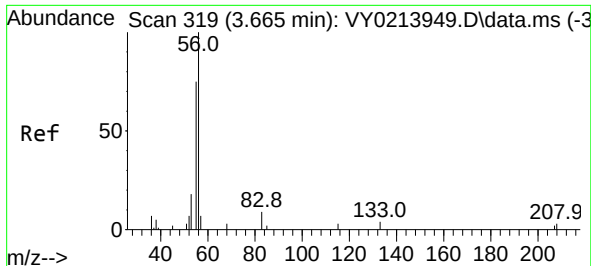
Tgt Ion: 59 Resp: 37206
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4



#12
1,1-Dichloroethene
Concen: 48.345 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

Tgt Ion: 96 Resp: 89024
Ion Ratio Lower Upper
96 100
61 170.1 135.2 202.8
98 61.8 51.4 77.2

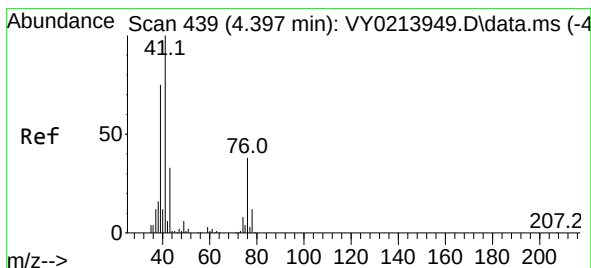
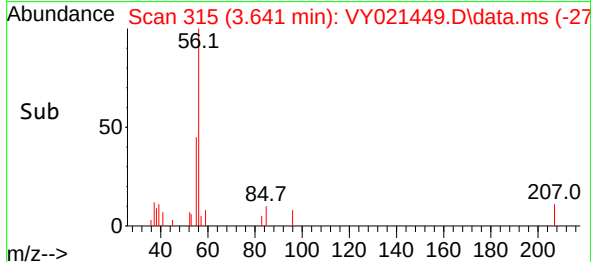
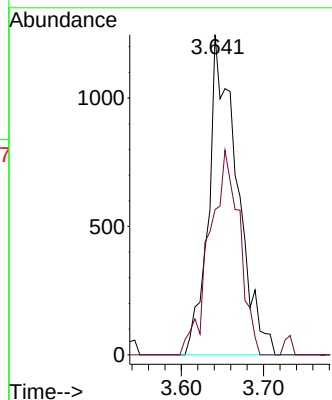
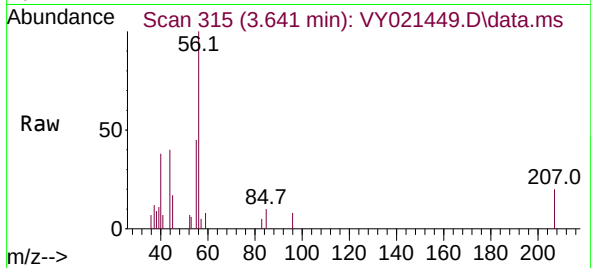




#13
Acrolein
Concen: 31.087 ug/l
RT: 3.641 min Scan# 319
Delta R.T. -0.024 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

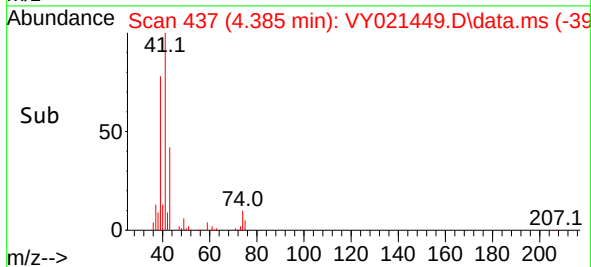
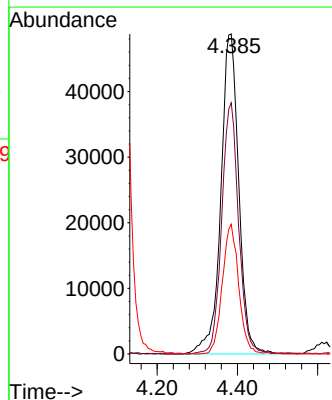
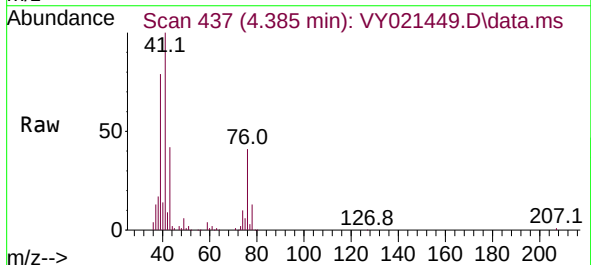
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

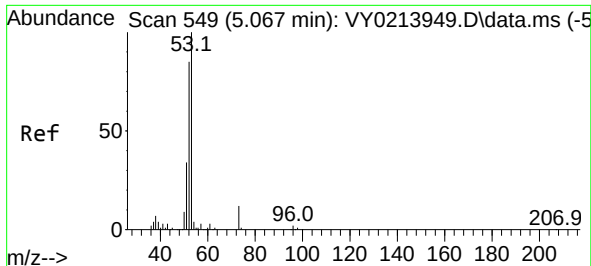
Tgt Ion: 56 Resp: 2996
Ion Ratio Lower Upper
56 100
55 67.2 63.4 95.2



#14
Allyl chloride
Concen: 50.955 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

Tgt Ion: 41 Resp: 151635
Ion Ratio Lower Upper
41 100
39 74.2 59.3 88.9
76 36.9 29.8 44.8

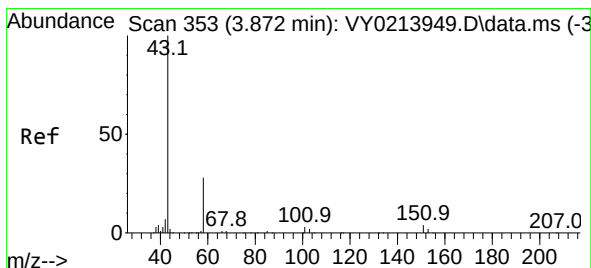
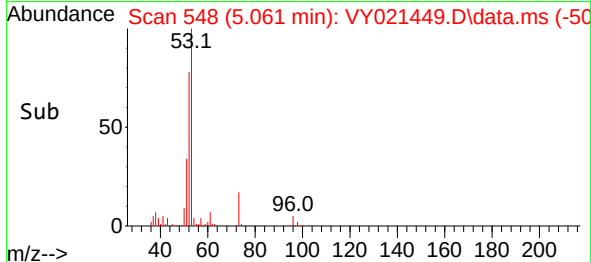
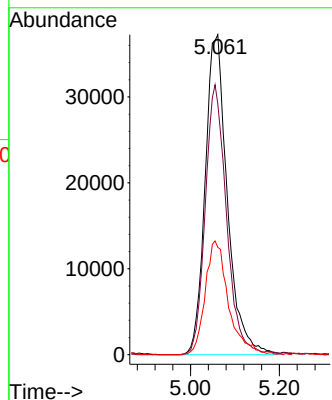
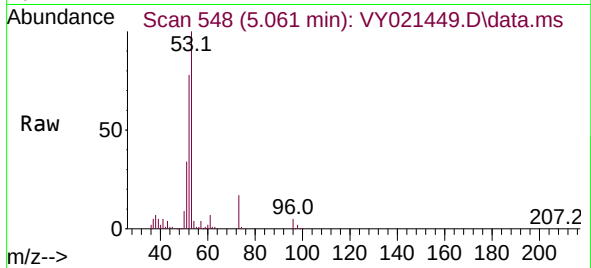




#15
Acrylonitrile
Concen: 310.054 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

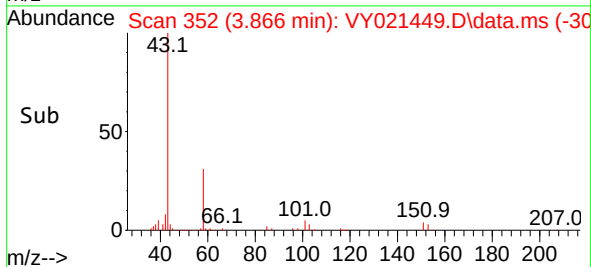
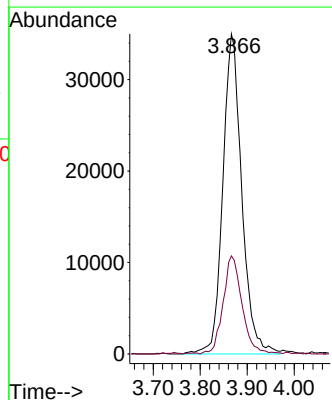
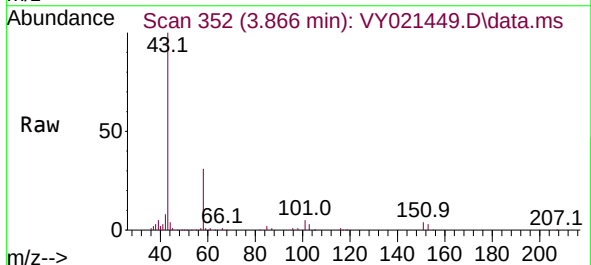
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

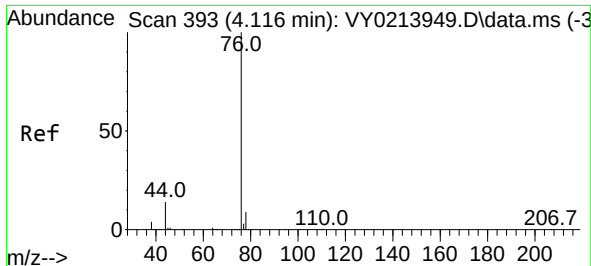
Tgt Ion: 53 Resp: 129398
Ion Ratio Lower Upper
53 100
52 80.5 66.3 99.5
51 37.3 30.3 45.5



#16
Acetone
Concen: 237.851 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

Tgt Ion: 43 Resp: 98294
Ion Ratio Lower Upper
43 100
58 30.5 22.1 33.1

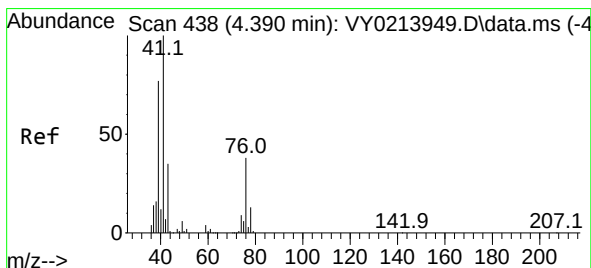
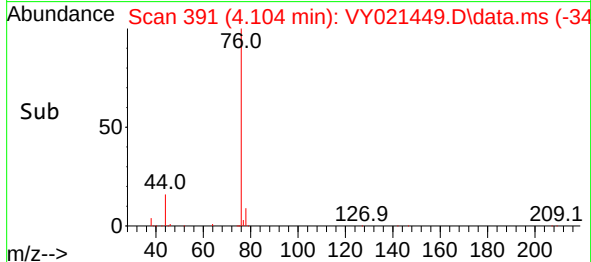
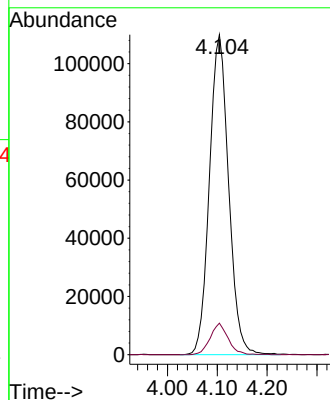
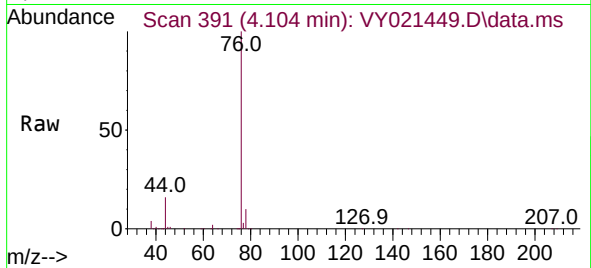




#17
Carbon Disulfide
Concen: 50.894 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

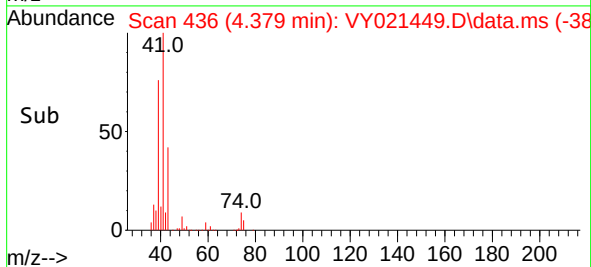
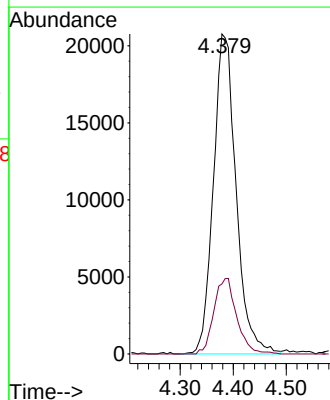
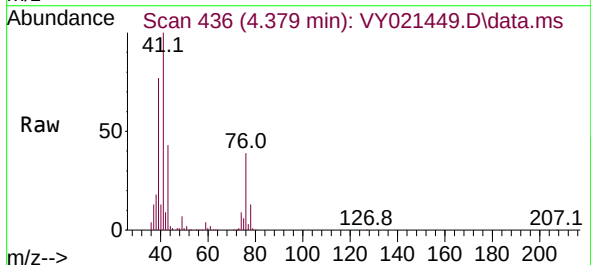
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

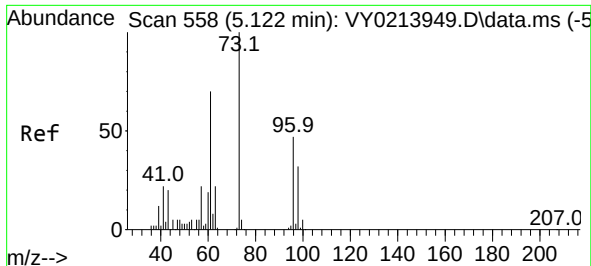
Tgt Ion: 76 Resp: 293709
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0



#18
Methyl Acetate
Concen: 67.313 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

Tgt Ion: 43 Resp: 61722
Ion Ratio Lower Upper
43 100
74 23.7 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 56.268 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY021449.D

Acq: 06 Mar 2025 21:15

Instrument :

MSVOA_Y

ClientSampleId :

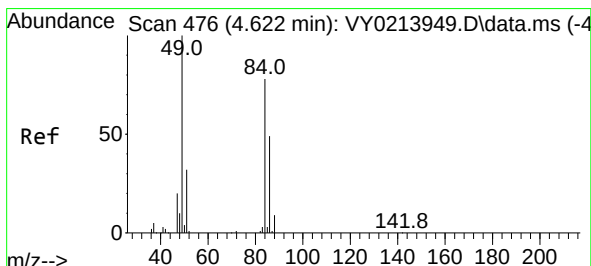
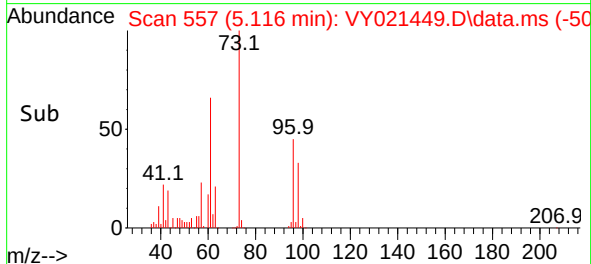
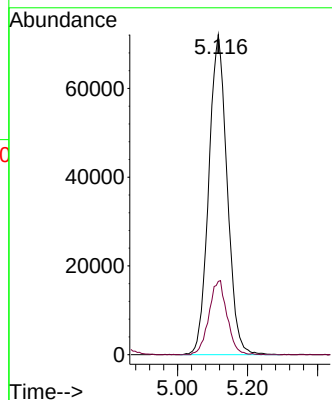
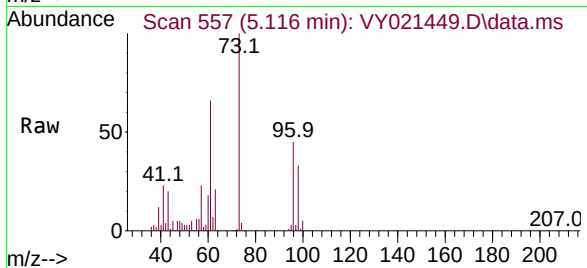
VSTDCCC050EC

Tgt Ion: 73 Resp: 262618

Ion Ratio Lower Upper

73 100

57 22.9 17.9 26.9



#20

Methylene Chloride

Concen: 51.456 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.012 min

Lab File: VY021449.D

Acq: 06 Mar 2025 21:15

Tgt Ion: 84 Resp: 111622

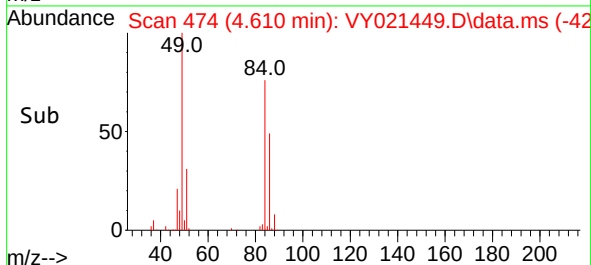
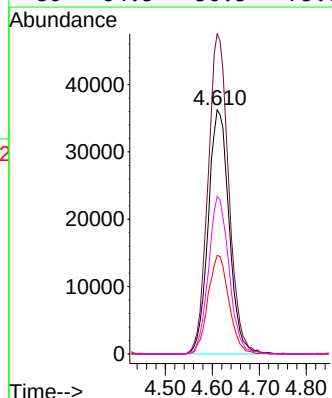
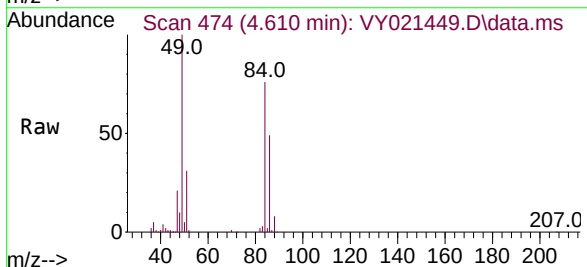
Ion Ratio Lower Upper

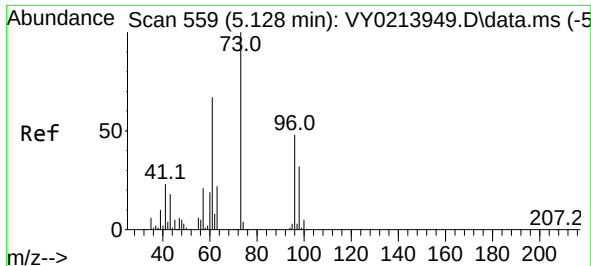
84 100

49 131.1 102.0 153.0

51 40.4 33.0 49.6

86 64.5 50.5 75.7

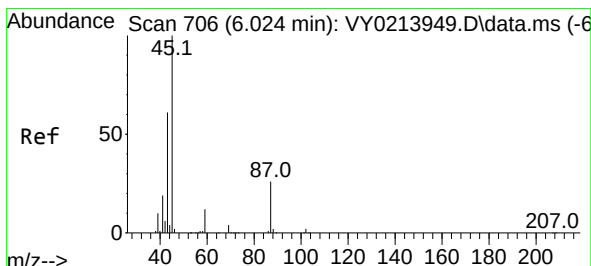
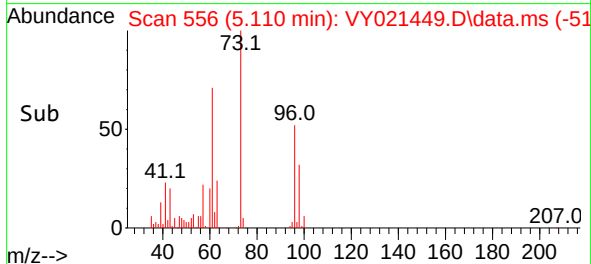
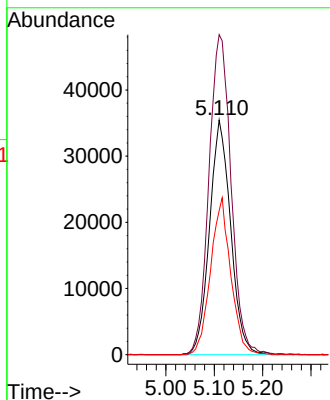
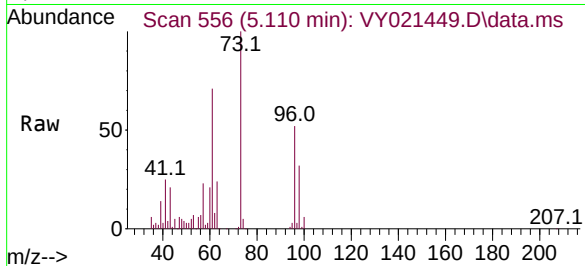




#21
trans-1,2-Dichloroethene
Concen: 52.323 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

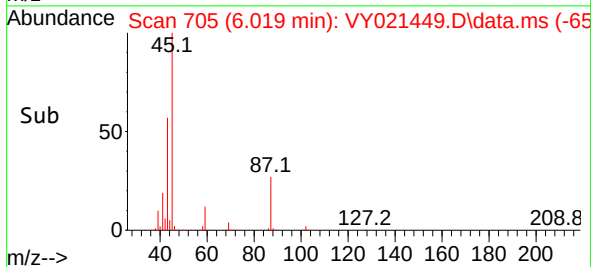
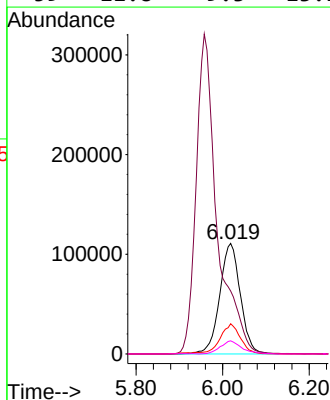
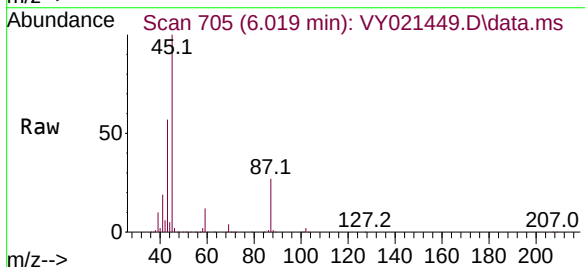
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

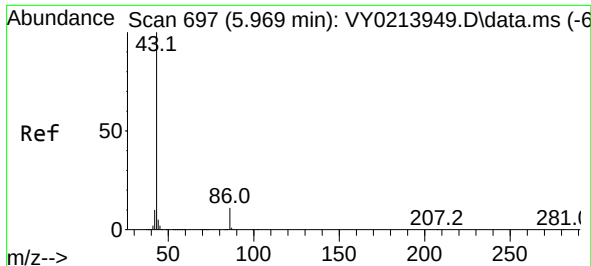
Tgt Ion: 96 Resp: 107904
Ion Ratio Lower Upper
96 100
61 136.3 111.5 167.3
98 61.3 53.8 80.8



#22
Diisopropyl ether
Concen: 57.469 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

Tgt Ion: 45 Resp: 368564
Ion Ratio Lower Upper
45 100
43 56.3 48.7 73.1
87 27.2 21.5 32.3
59 11.8 9.3 13.9

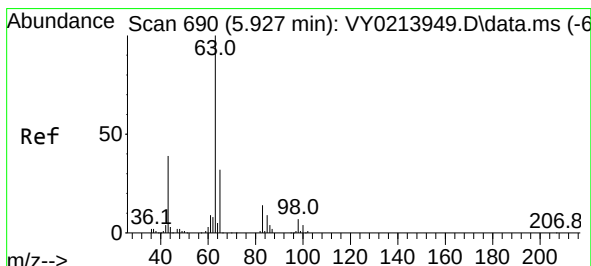
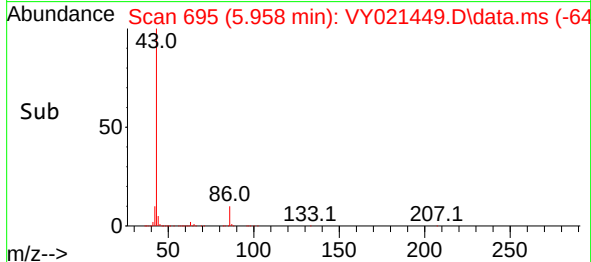
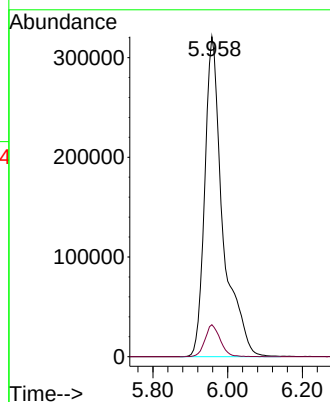
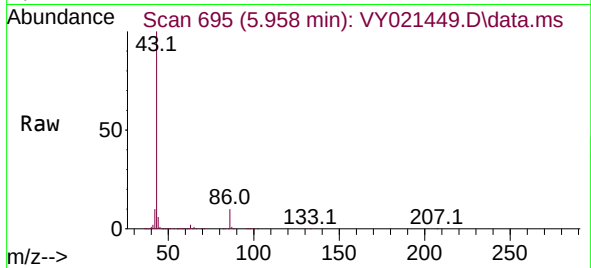




#23
 Vinyl Acetate
 Concen: 294.607 ug/l
 RT: 5.958 min Scan# 64
 Delta R.T. -0.012 min
 Lab File: VY021449.D
 Acq: 06 Mar 2025 21:15

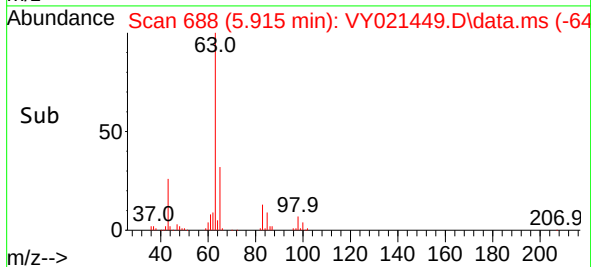
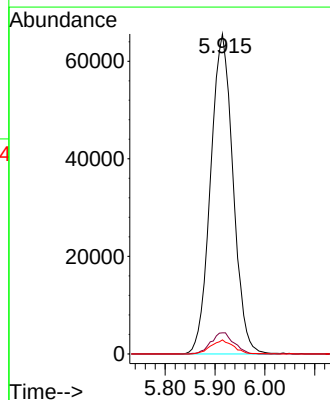
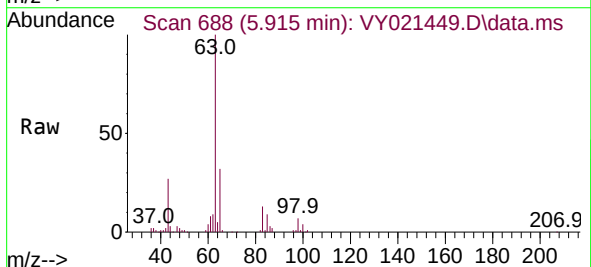
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

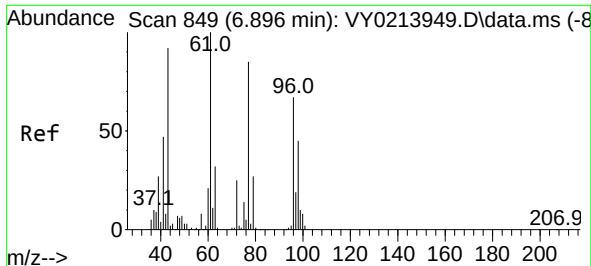
Tgt Ion: 43 Resp: 1078290
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 54.267 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.012 min
 Lab File: VY021449.D
 Acq: 06 Mar 2025 21:15

Tgt Ion: 63 Resp: 205407
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.9
 100 4.4 2.1 6.5

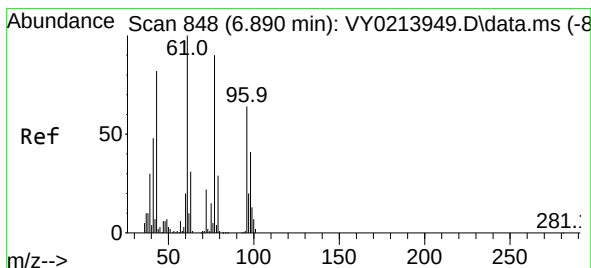
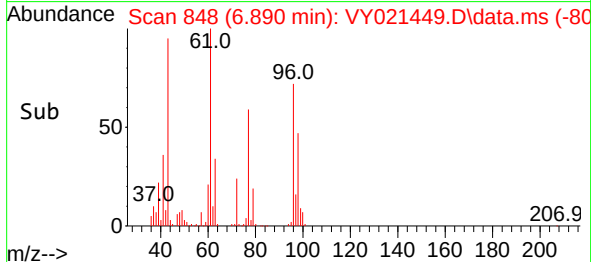
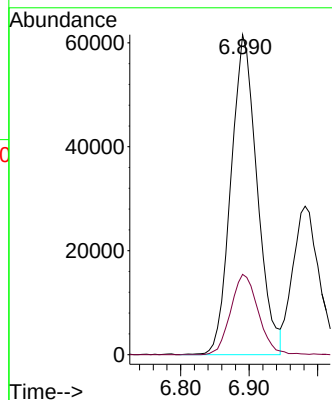
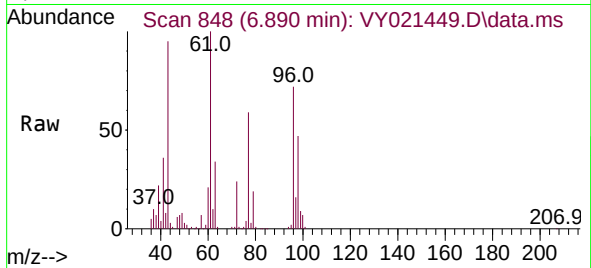




#25
2-Butanone
Concen: 286.281 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

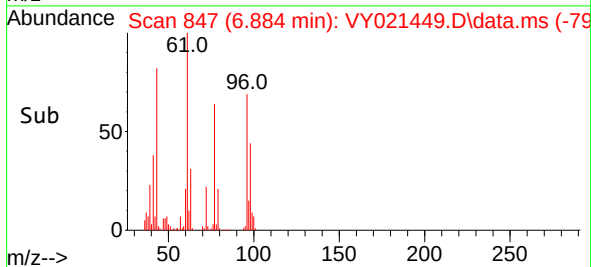
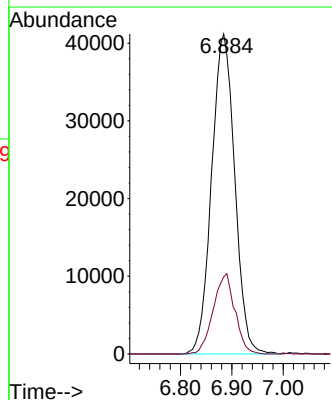
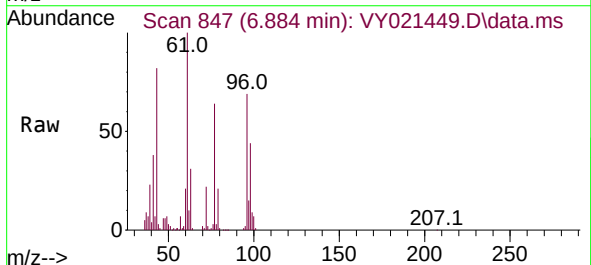
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

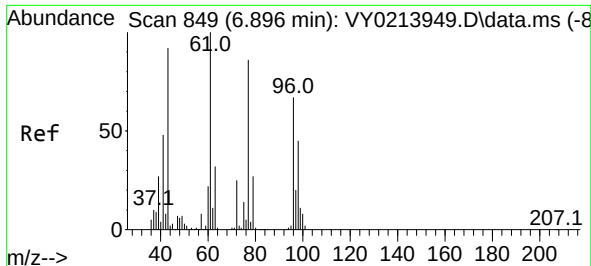
Tgt Ion: 43 Resp: 163656
Ion Ratio Lower Upper
43 100
72 25.1 21.4 32.0



#26
2,2-Dichloropropane
Concen: 36.905 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

Tgt Ion: 77 Resp: 128531
Ion Ratio Lower Upper
77 100
97 23.5 11.3 33.8

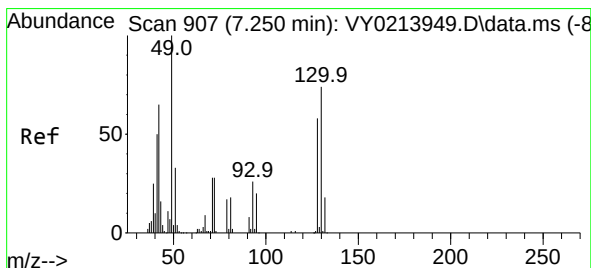
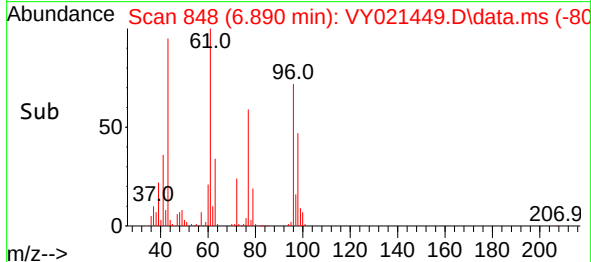
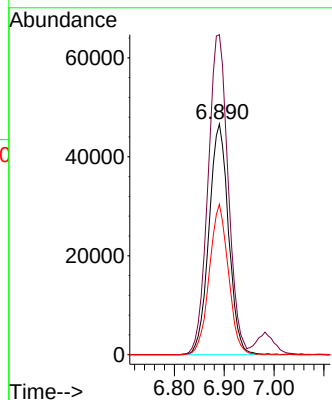
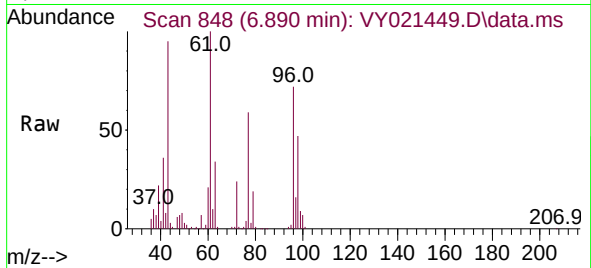




#27
 cis-1,2-Dichloroethene
 Concen: 54.285 ug/l
 RT: 6.890 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: VY021449.D
 Acq: 06 Mar 2025 21:15

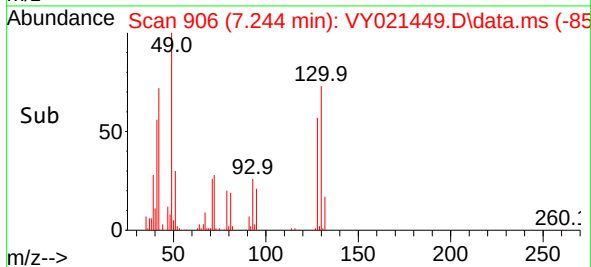
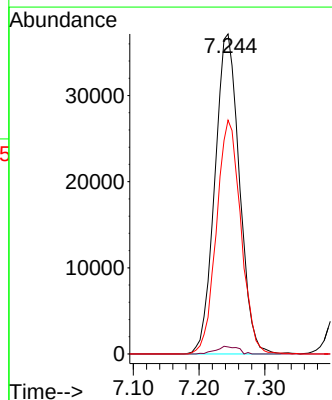
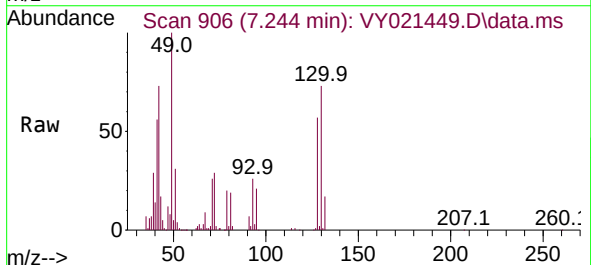
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

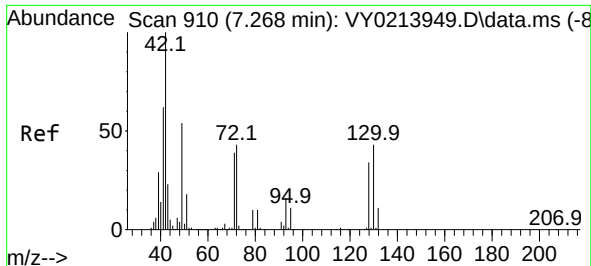
Tgt Ion: 96 Resp: 127179
 Ion Ratio Lower Upper
 96 100
 61 143.2 0.0 300.8
 98 63.7 0.0 130.0



#28
 Bromochloromethane
 Concen: 60.877 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY021449.D
 Acq: 06 Mar 2025 21:15

Tgt Ion: 49 Resp: 96604
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 72.6 59.6 89.4





#29

Tetrahydrofuran

Concen: 316.832 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY021449.D

Acq: 06 Mar 2025 21:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

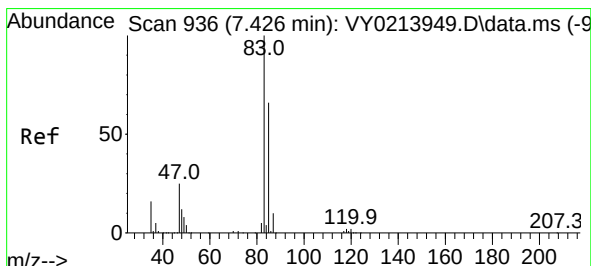
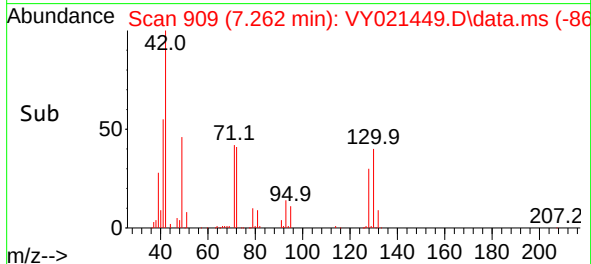
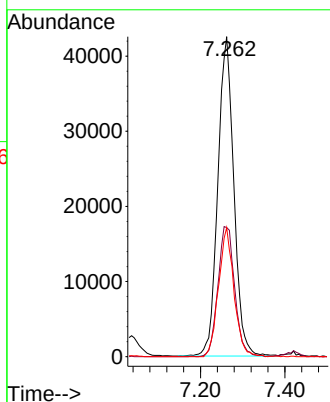
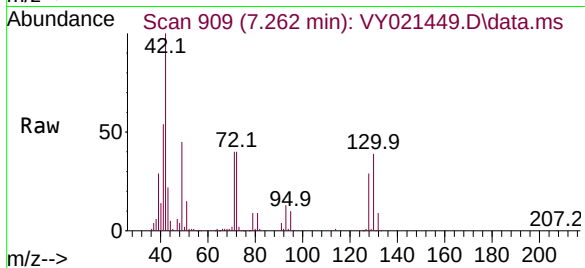
Tgt Ion: 42 Resp: 111815

Ion Ratio Lower Upper

42 100

72 42.6 34.8 52.2

71 38.9 32.6 48.8



#30

Chloroform

Concen: 55.423 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY021449.D

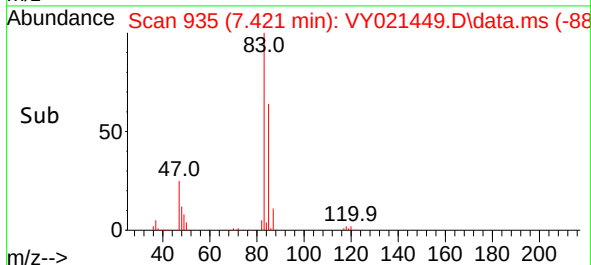
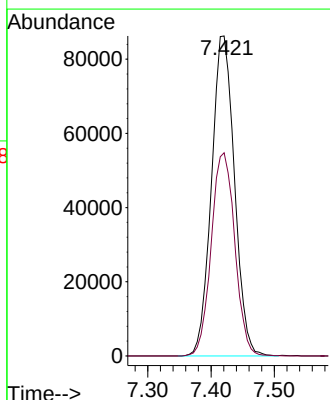
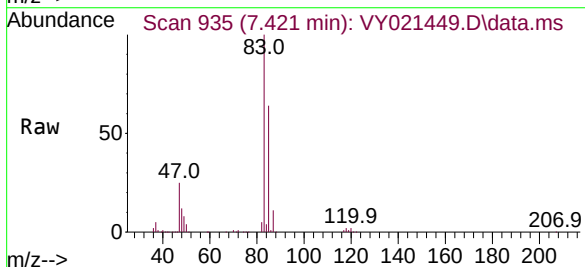
Acq: 06 Mar 2025 21:15

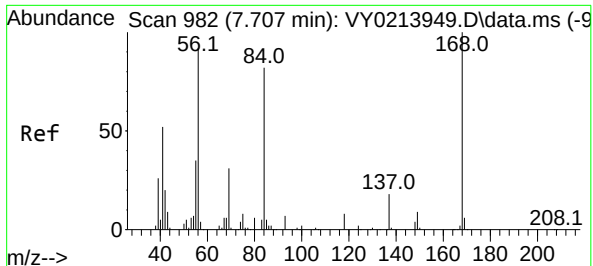
Tgt Ion: 83 Resp: 217839

Ion Ratio Lower Upper

83 100

85 63.5 53.1 79.7





#31

Cyclohexane

Concen: 44.984 ug/l

RT: 7.701 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021449.D

Acq: 06 Mar 2025 21:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

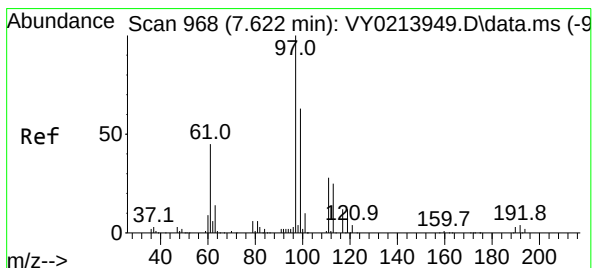
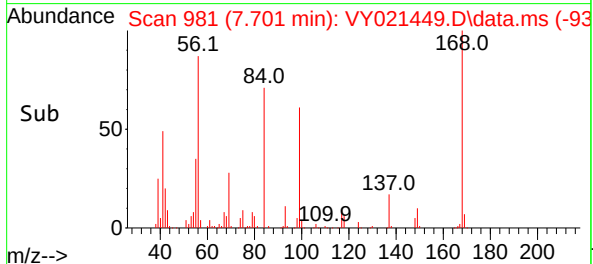
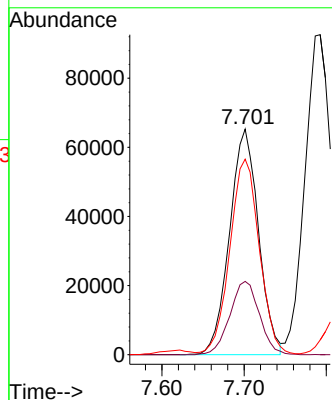
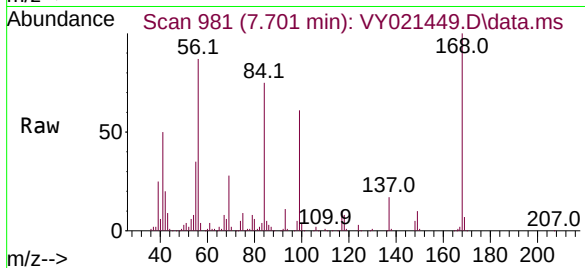
Tgt Ion: 56 Resp: 159628

Ion Ratio Lower Upper

56 100

69 32.5 27.0 40.4

84 84.7 71.1 106.7



#32

1,1,1-Trichloroethane

Concen: 50.614 ug/l

RT: 7.616 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY021449.D

Acq: 06 Mar 2025 21:15

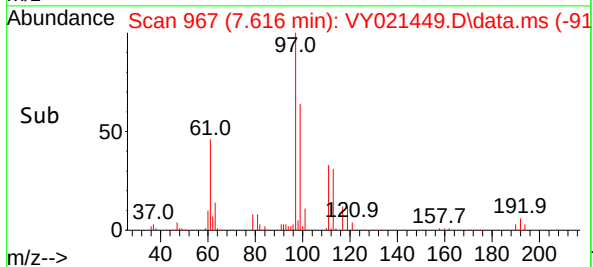
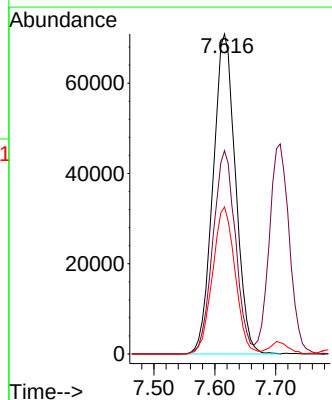
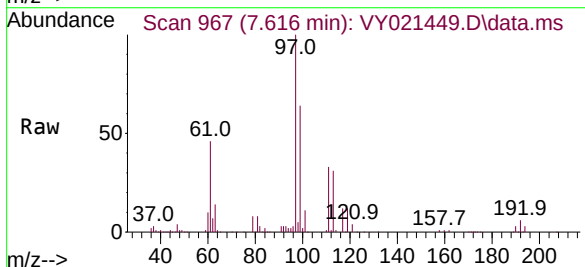
Tgt Ion: 97 Resp: 182153

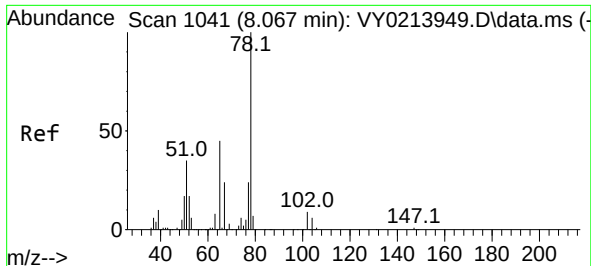
Ion Ratio Lower Upper

97 100

99 63.8 51.7 77.5

61 46.1 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 55.170 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021449.D

Acq: 06 Mar 2025 21:15

Instrument :

MSVOA_Y

ClientSampleId :

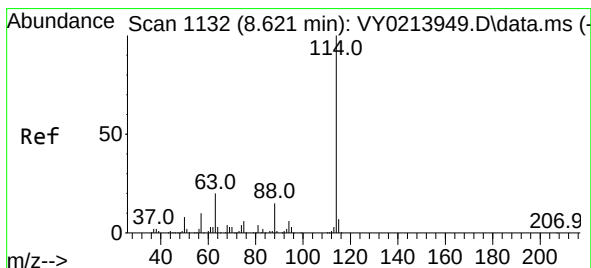
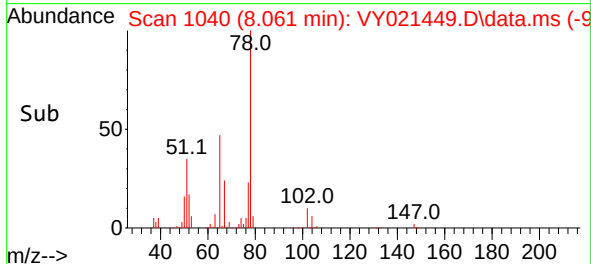
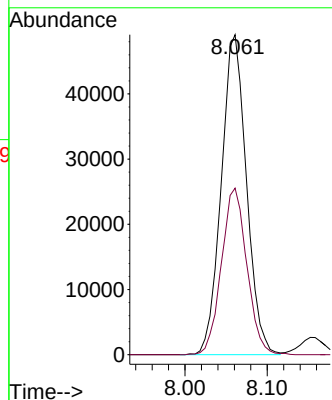
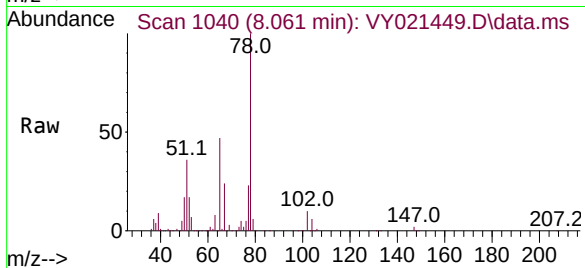
VSTDCCC050EC

Tgt Ion: 65 Resp: 104533

Ion Ratio Lower Upper

65 100

67 52.5 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: VY021449.D

Acq: 06 Mar 2025 21:15

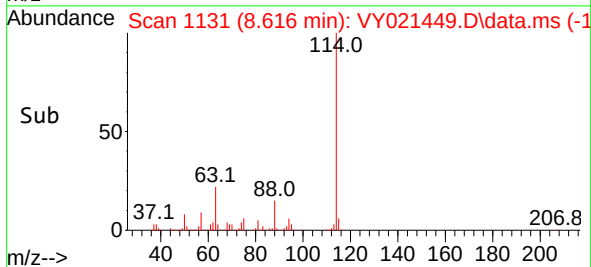
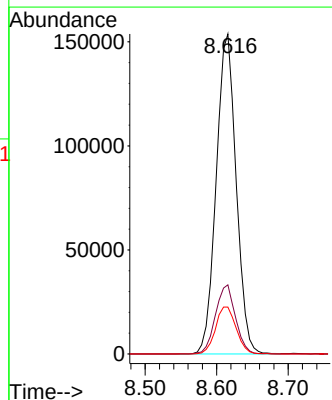
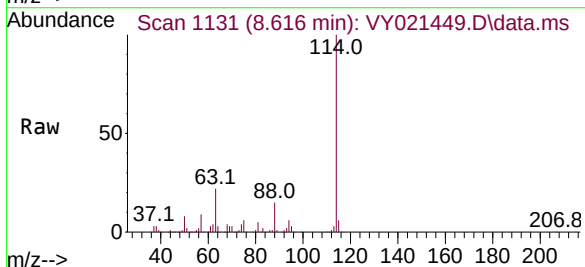
Tgt Ion: 114 Resp: 297875

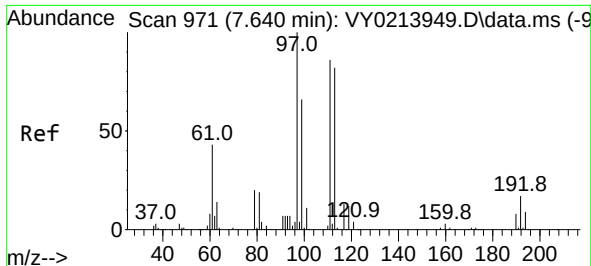
Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.8

88 14.6 0.0 30.8

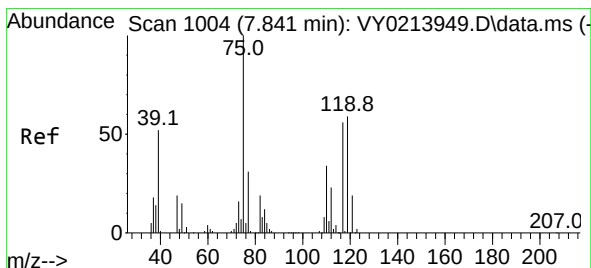
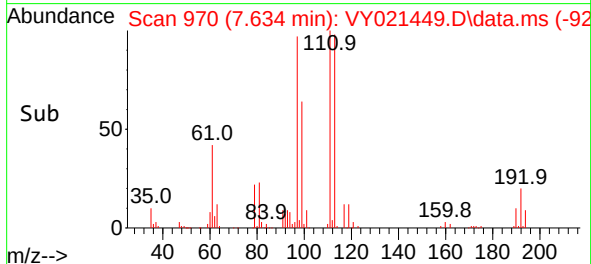
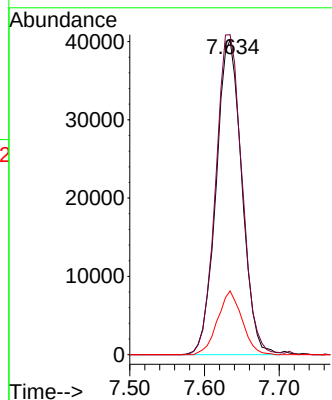
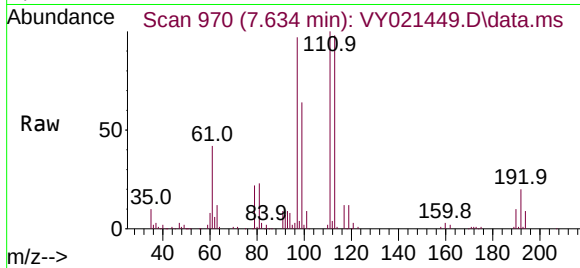




#35
Dibromofluoromethane
Concen: 49.195 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

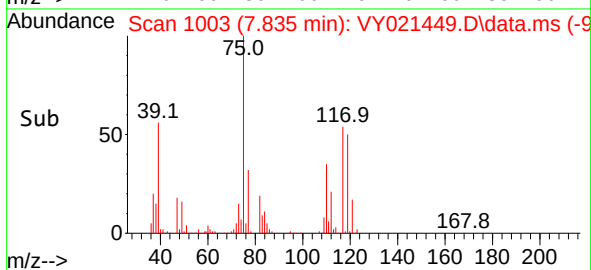
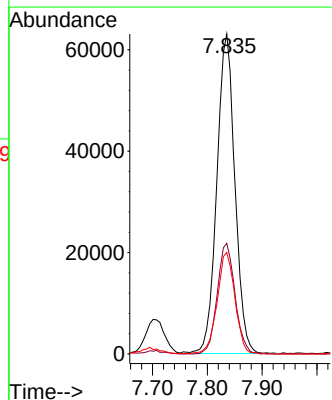
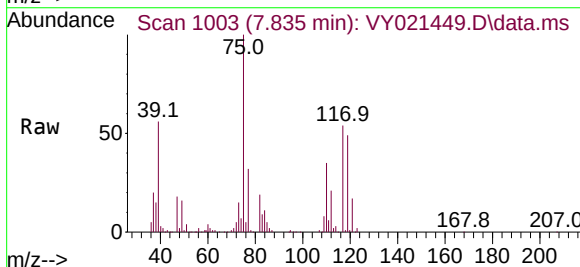
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

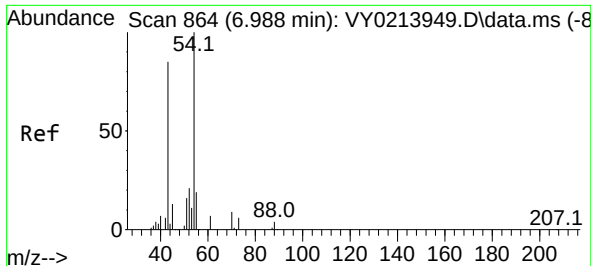
Tgt Ion:113 Resp: 96323
Ion Ratio Lower Upper
113 100
111 103.9 82.0 123.0
192 19.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 47.117 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

Tgt Ion: 75 Resp: 144407
Ion Ratio Lower Upper
75 100
110 34.1 17.3 51.7
77 31.4 25.4 38.2





#37

Ethyl Acetate

Concen: 57.459 ug/l

RT: 6.982 min Scan# 81

Delta R.T. -0.006 min

Lab File: VY021449.D

Acq: 06 Mar 2025 21:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

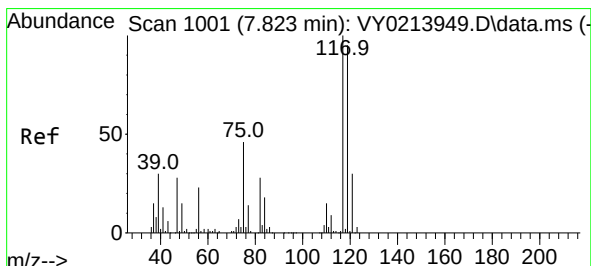
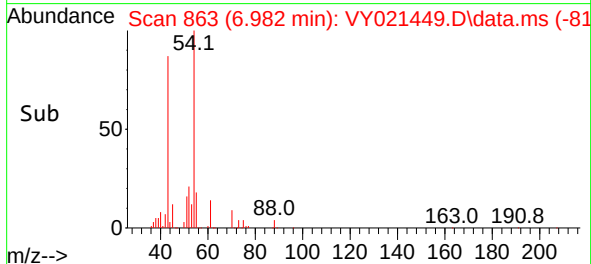
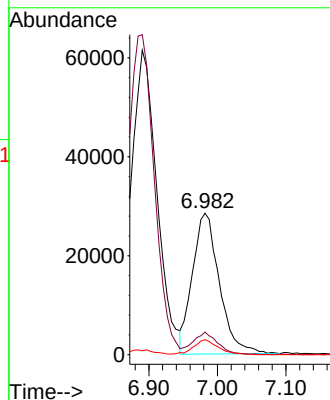
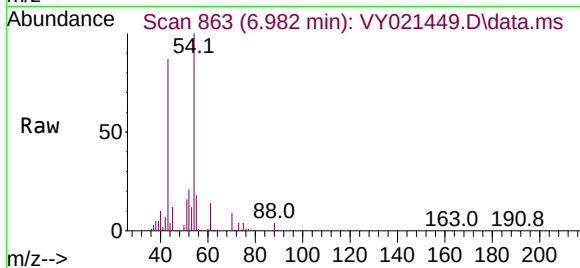
Tgt Ion: 43 Resp: 77836

Ion Ratio Lower Upper

43 100

61 14.4 11.4 17.0

70 9.8 8.2 12.2



#38

Carbon Tetrachloride

Concen: 46.575 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021449.D

Acq: 06 Mar 2025 21:15

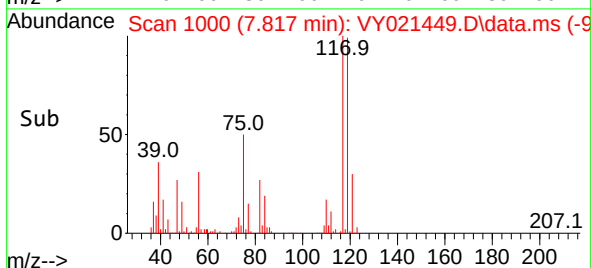
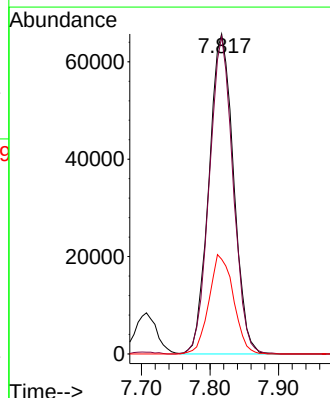
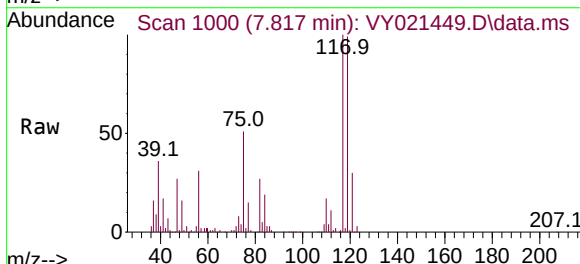
Tgt Ion: 117 Resp: 164169

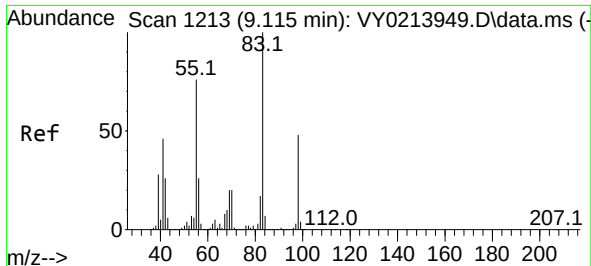
Ion Ratio Lower Upper

117 100

119 99.2 75.8 113.8

121 29.6 23.9 35.9





#39

Methylcyclohexane

Concen: 44.585 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021449.D

Acq: 06 Mar 2025 21:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

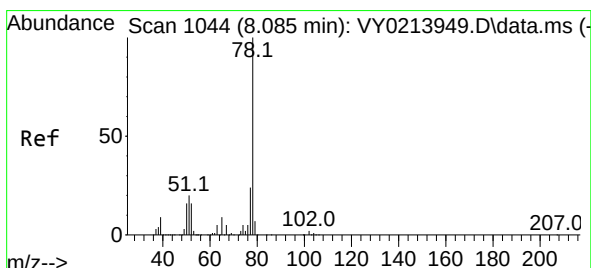
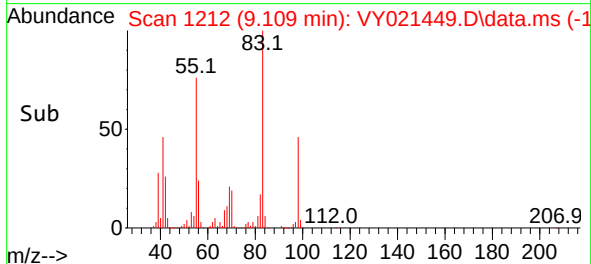
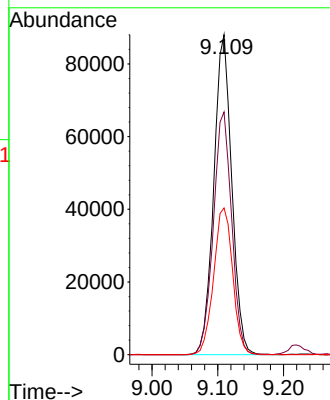
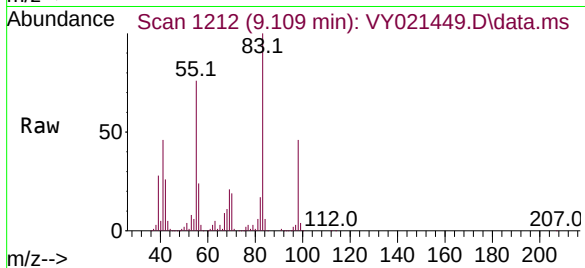
Tgt Ion: 83 Resp: 167614

Ion Ratio Lower Upper

83 100

55 75.9 60.7 91.1

98 45.8 38.6 57.8



#40

Benzene

Concen: 50.732 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY021449.D

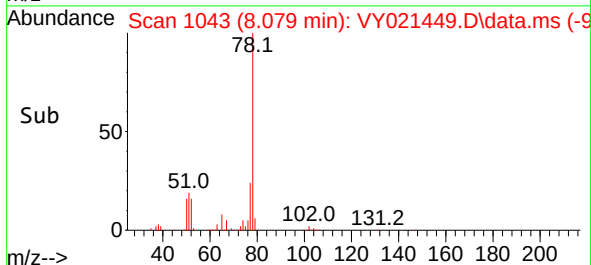
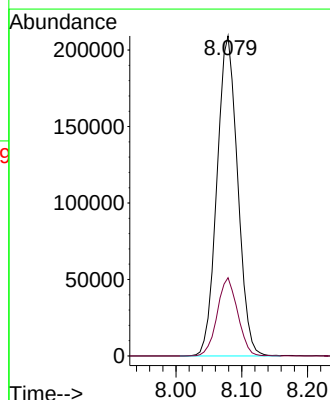
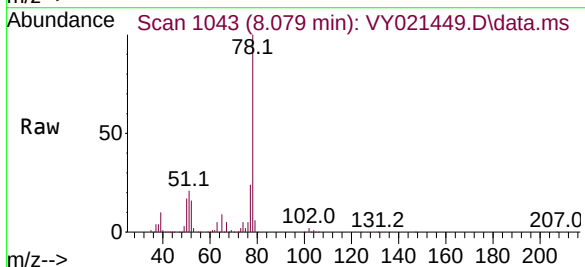
Acq: 06 Mar 2025 21:15

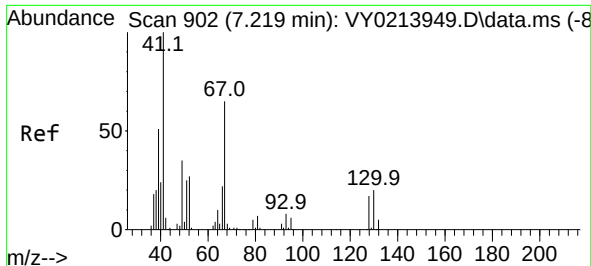
Tgt Ion: 78 Resp: 458030

Ion Ratio Lower Upper

78 100

77 24.4 19.0 28.4

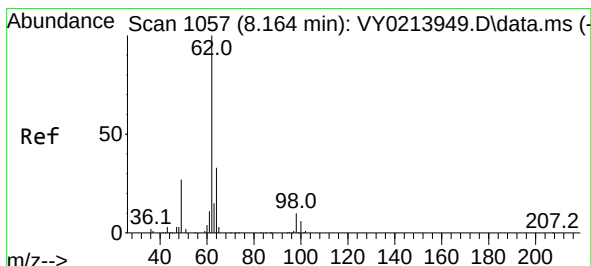
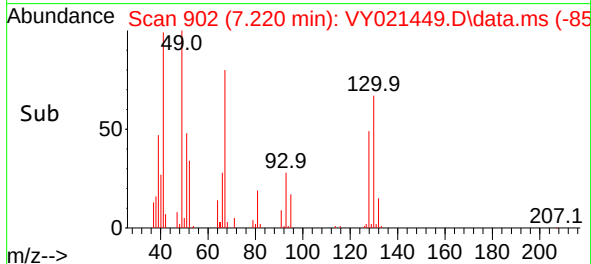
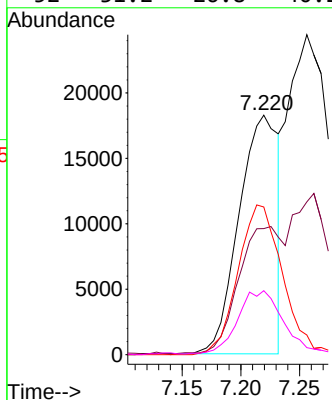
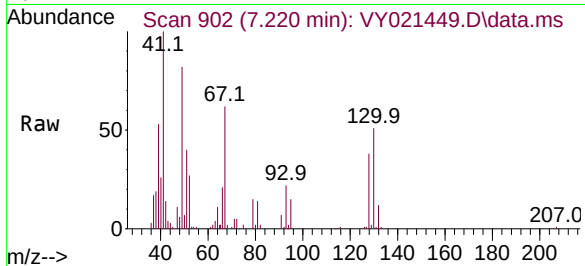




#41
Methacrylonitrile
Concen: 57.328 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

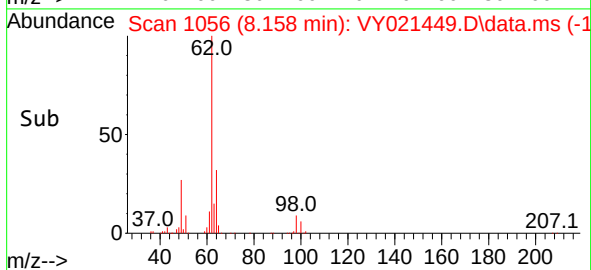
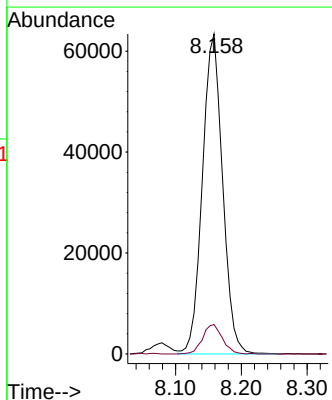
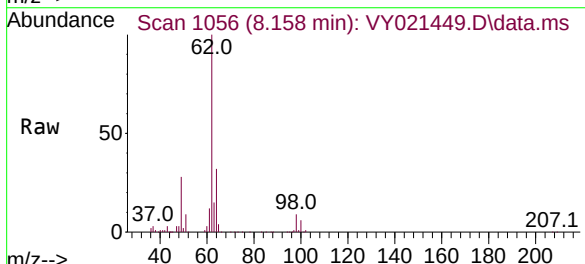
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

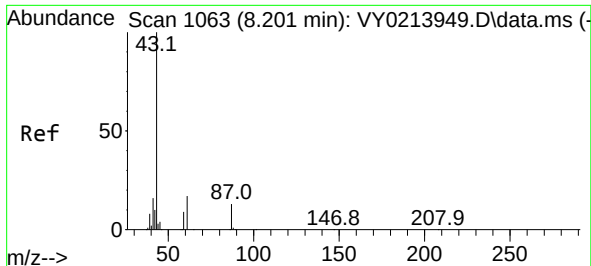
Tgt Ion:	41	Resp:	42285
Ion	Ratio	Lower	Upper
41	100		
39	62.6	35.0	52.6#
67	71.6	61.2	91.8
52	31.2	26.8	40.2



#42
1,2-Dichloroethane
Concen: 53.683 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

Tgt Ion:	62	Resp:	135589
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.2

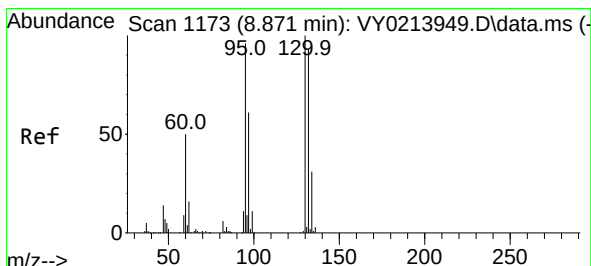
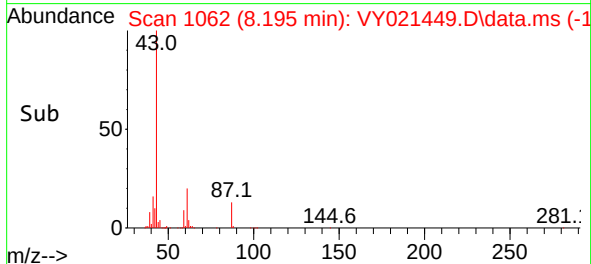
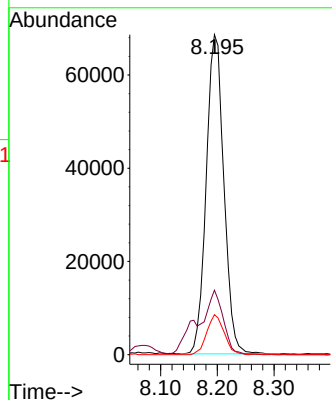
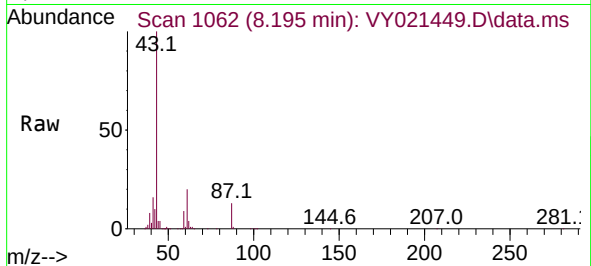




#43
Isopropyl Acetate
Concen: 56.173 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

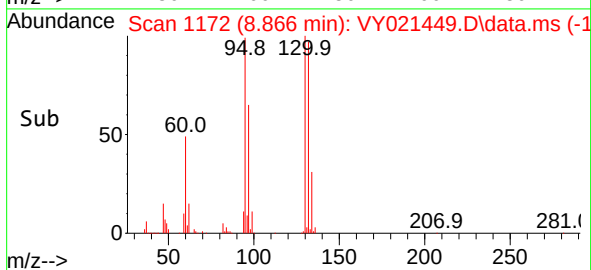
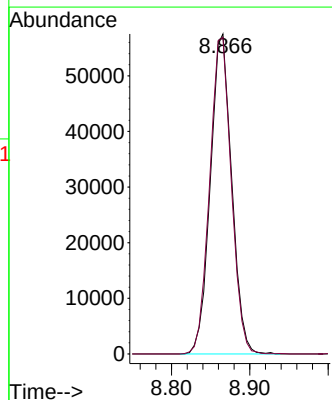
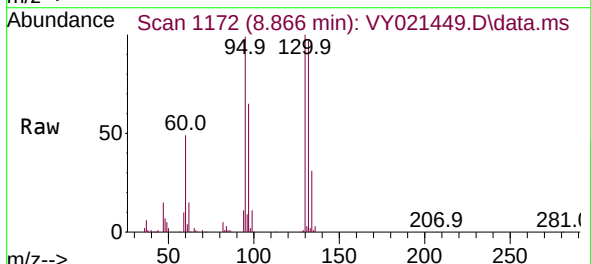
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

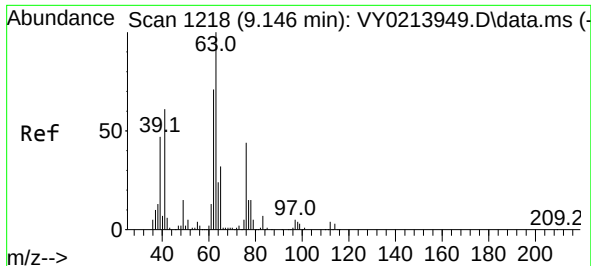
Tgt Ion: 43 Resp: 147717
Ion Ratio Lower Upper
43 100
61 19.2 23.4 35.0#
87 12.4 10.5 15.7



#44
Trichloroethene
Concen: 47.559 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

Tgt Ion:130 Resp: 108504
Ion Ratio Lower Upper
130 100
95 98.9 0.0 191.6

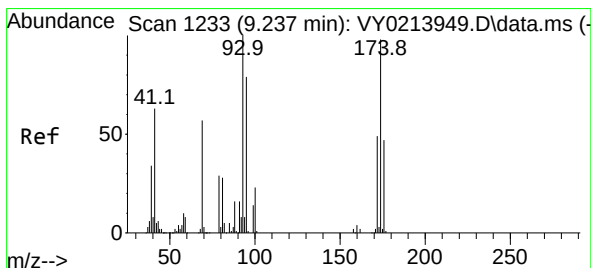
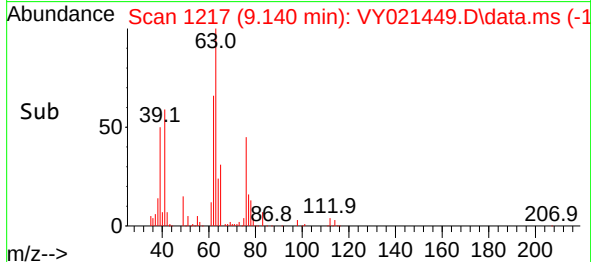
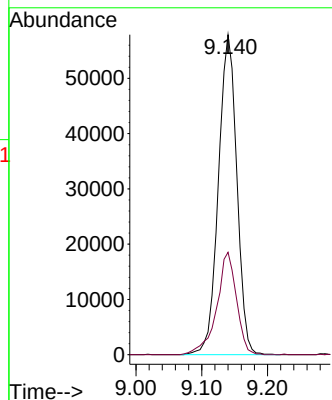
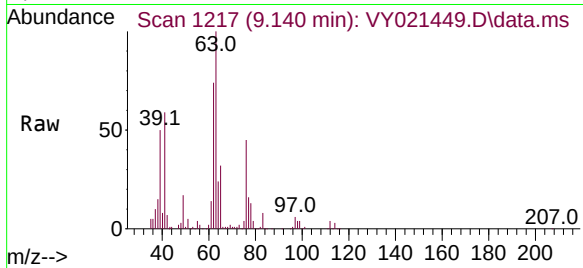




#45
1,2-Dichloropropane
Concen: 52.581 ug/l
RT: 9.140 min Scan# 112984
Delta R.T. -0.006 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

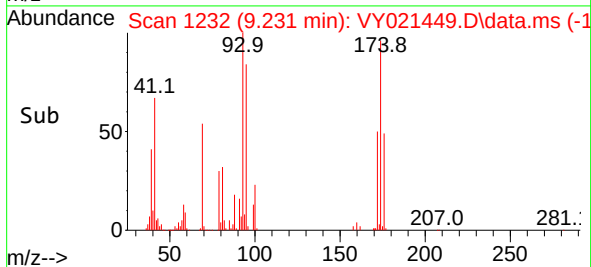
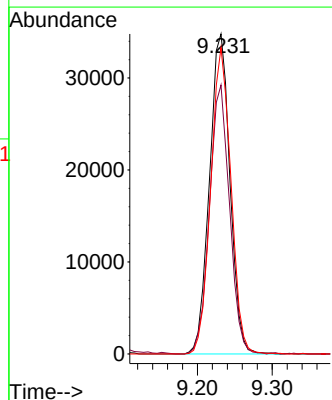
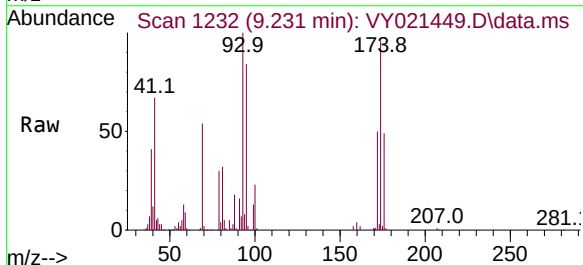
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

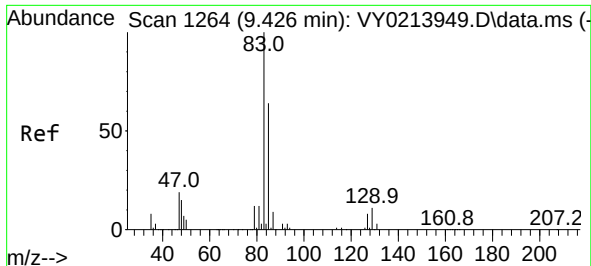
Tgt Ion: 63 Resp: 112984
Ion Ratio Lower Upper
63 100
65 32.0 26.0 39.0



#46
Dibromomethane
Concen: 55.481 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.006 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

Tgt Ion: 93 Resp: 66332
Ion Ratio Lower Upper
93 100
95 82.1 65.8 98.8
174 94.1 77.9 116.9

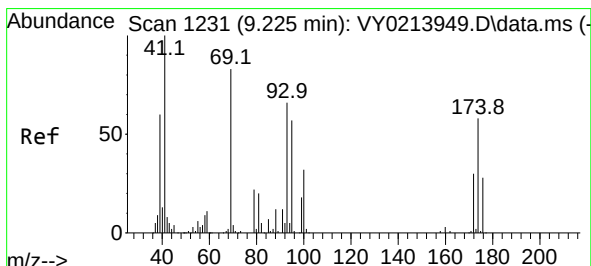
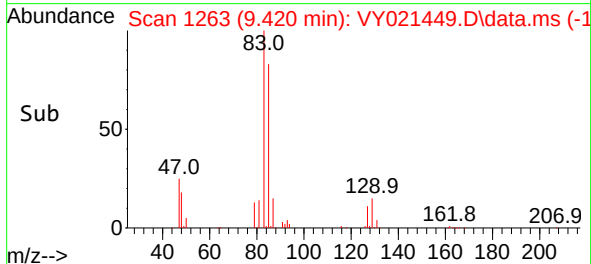
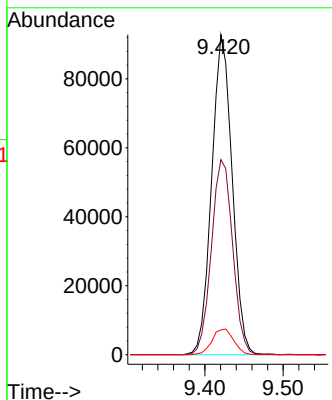
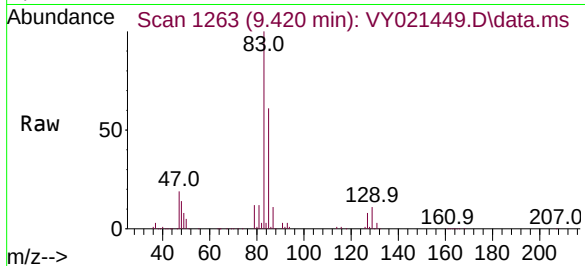




#47
Bromodichloromethane
Concen: 53.148 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

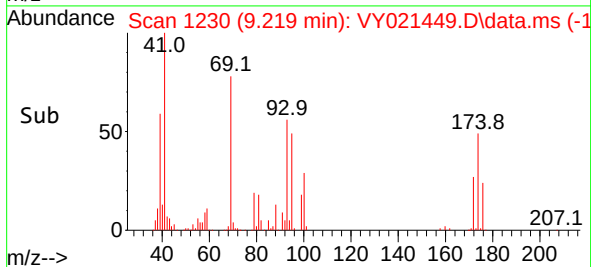
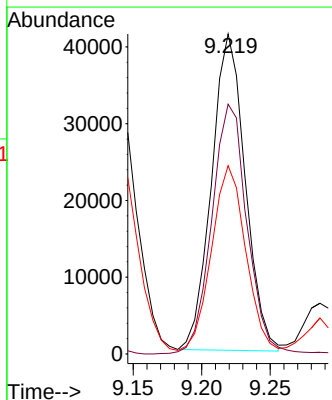
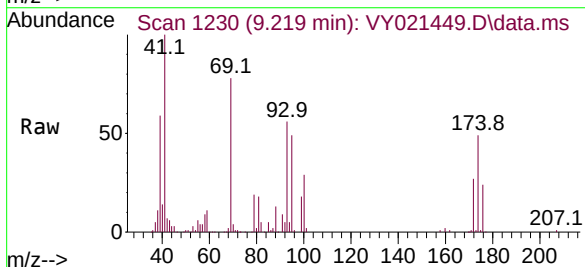
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

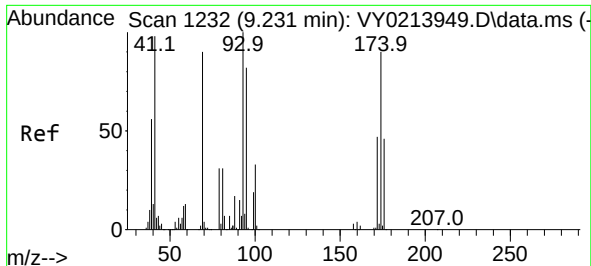
Tgt Ion: 83 Resp: 168750
Ion Ratio Lower Upper
83 100
85 61.0 51.1 76.7
127 7.8 6.7 10.1



#48
Methyl methacrylate
Concen: 58.187 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

Tgt Ion: 41 Resp: 70262
Ion Ratio Lower Upper
41 100
69 83.3 67.8 101.8
39 59.2 46.4 69.6





#49

1,4-Dioxane

Concen: 1276.343 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021449.D

Acq: 06 Mar 2025 21:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

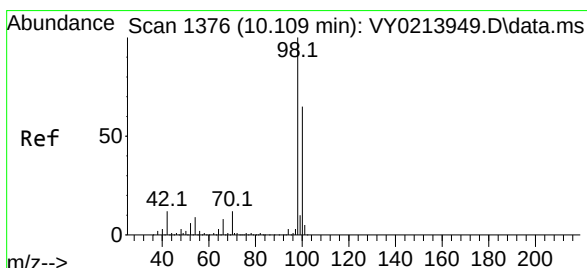
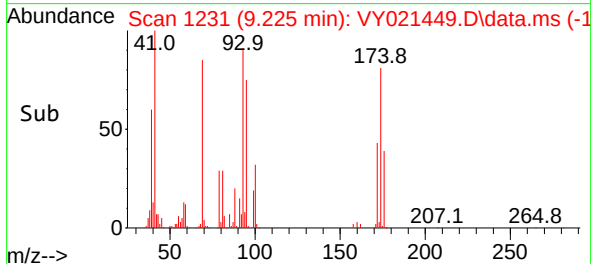
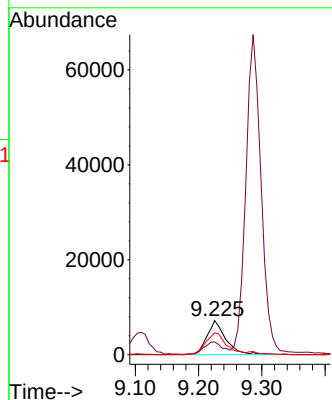
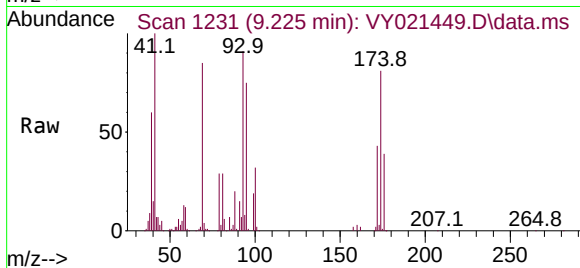
Tgt Ion: 88 Resp: 14978

Ion Ratio Lower Upper

88 100

43 36.9 25.0 37.4

58 69.1 58.4 87.6



#50

Toluene-d8

Concen: 49.093 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY021449.D

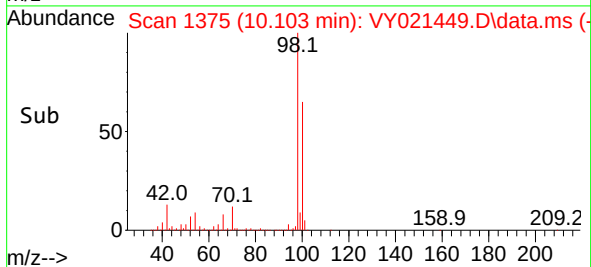
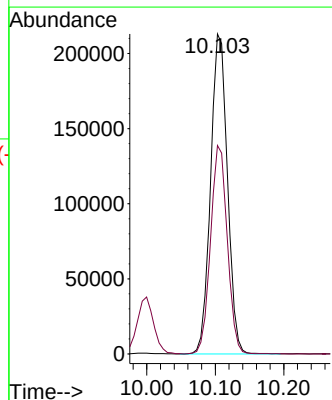
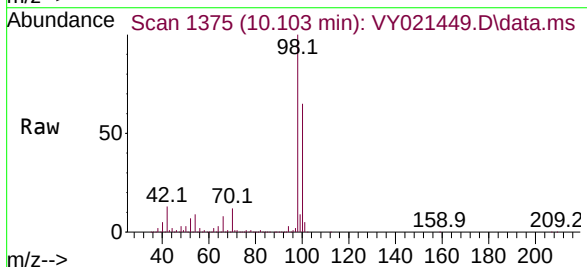
Acq: 06 Mar 2025 21:15

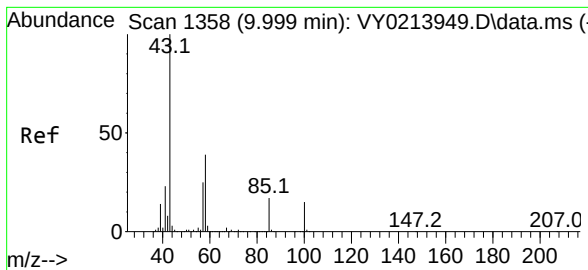
Tgt Ion: 98 Resp: 363951

Ion Ratio Lower Upper

98 100

100 64.8 52.1 78.1

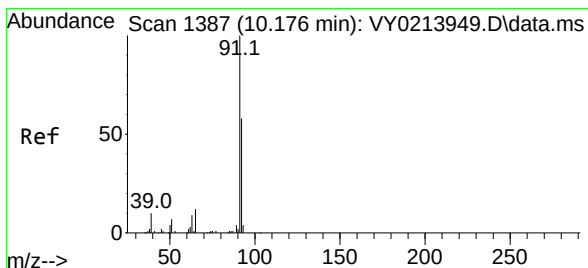
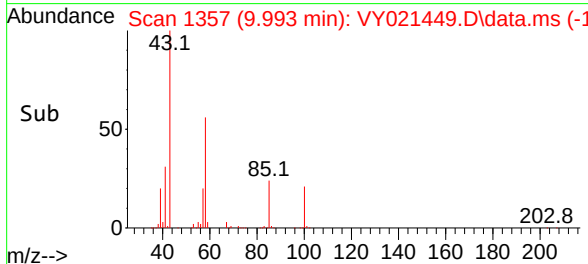
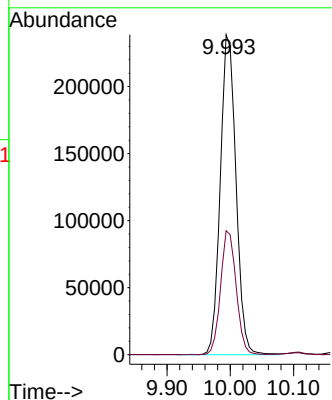
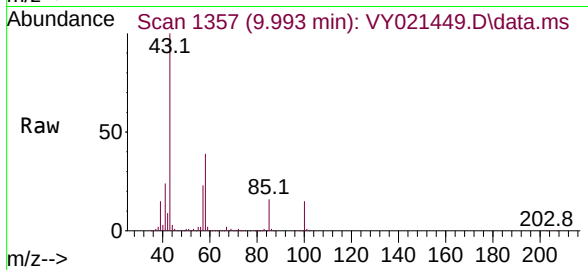




#51
4-Methyl-2-Pentanone
Concen: 301.798 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

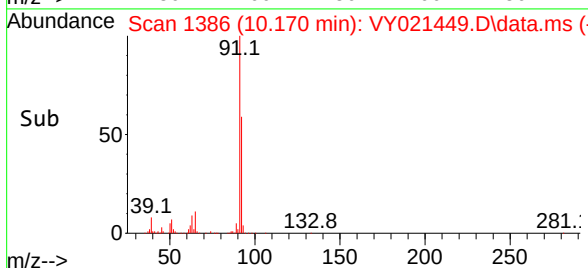
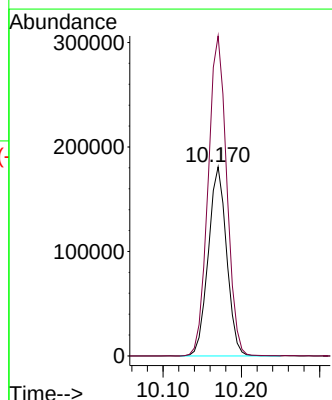
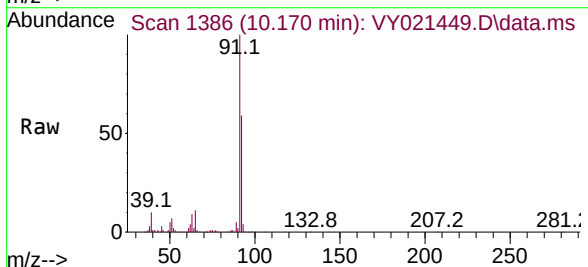
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

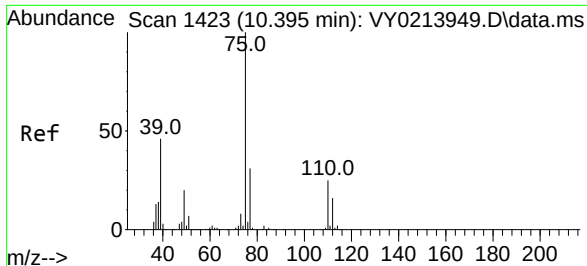
Tgt Ion: 43 Resp: 409486
Ion Ratio Lower Upper
43 100
58 38.5 31.4 47.2



#52
Toluene
Concen: 51.652 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

Tgt Ion: 92 Resp: 294006
Ion Ratio Lower Upper
92 100
91 172.1 138.2 207.2





#53

t-1,3-Dichloropropene

Concen: 49.776 ug/l

RT: 10.390 min Scan# 1423

Delta R.T. -0.006 min

Lab File: VY021449.D

Acq: 06 Mar 2025 21:15

Instrument :

MSVOA_Y

ClientSampleId :

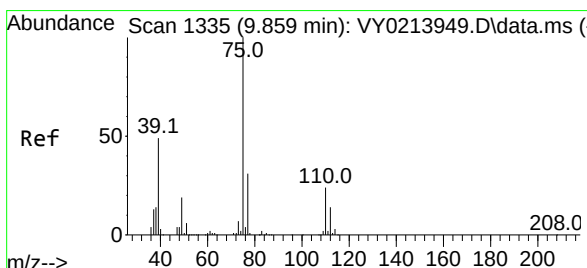
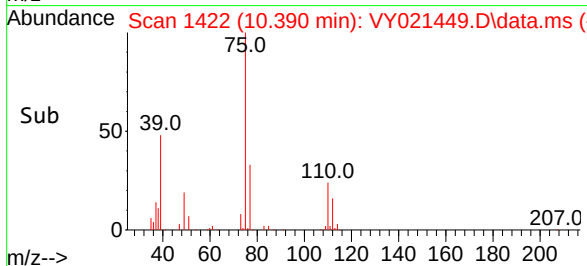
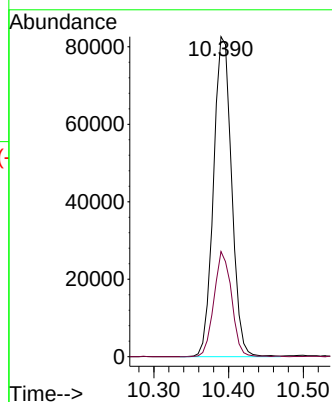
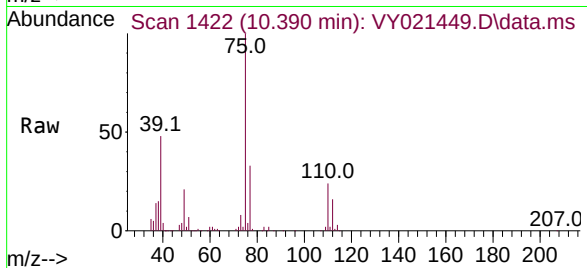
VSTDCCC050EC

Tgt Ion: 75 Resp: 139241

Ion Ratio Lower Upper

75 100

77 32.9 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 49.377 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. -0.006 min

Lab File: VY021449.D

Acq: 06 Mar 2025 21:15

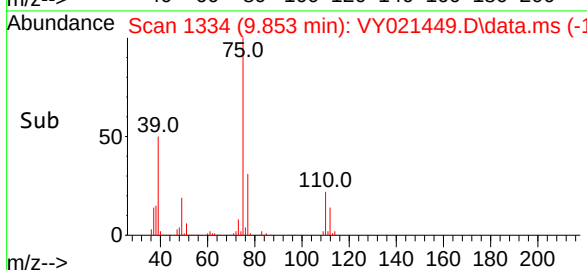
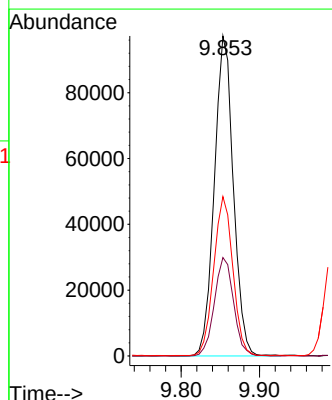
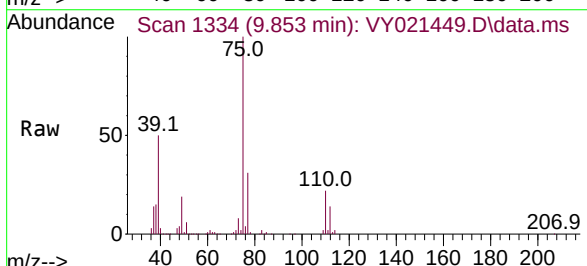
Tgt Ion: 75 Resp: 163988

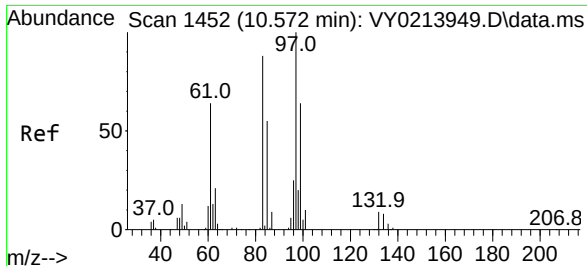
Ion Ratio Lower Upper

75 100

77 30.7 24.6 37.0

39 49.6 39.4 59.2

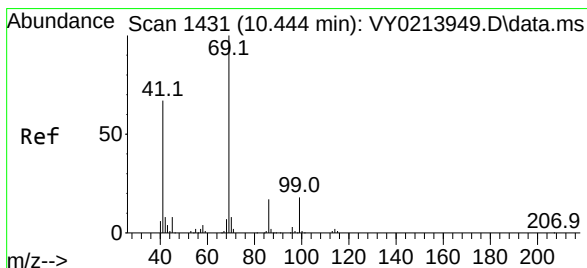
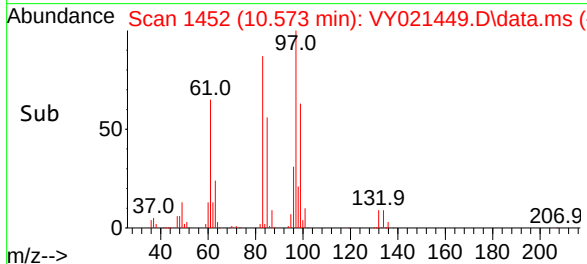
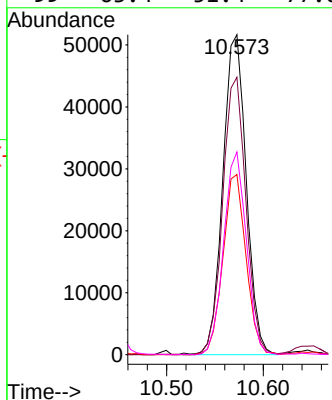
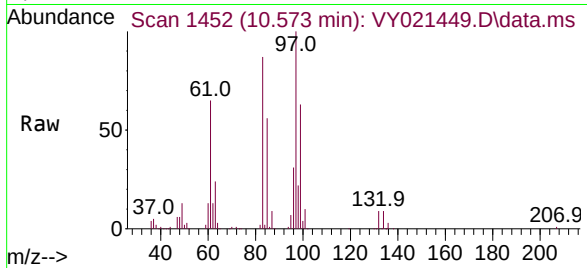




#55
1,1,2-Trichloroethane
Concen: 55.579 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

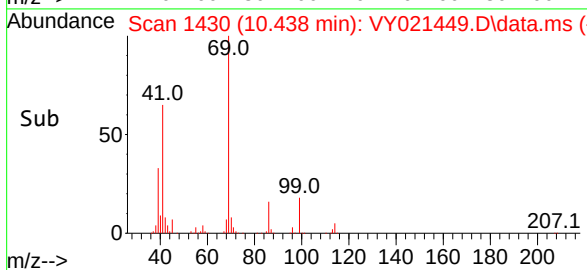
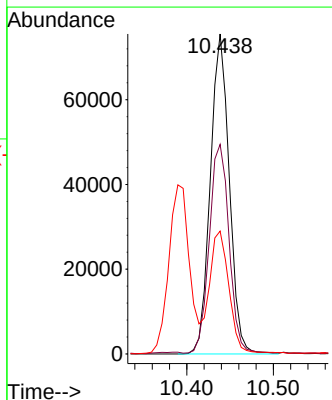
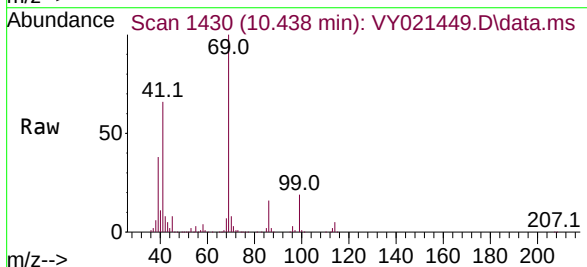
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

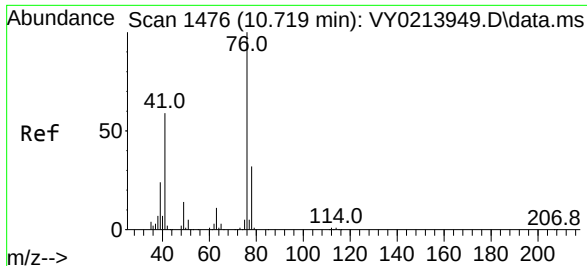
Tgt Ion: 97	Resp: 86922
Ion Ratio	Lower Upper
97 100	
83 86.5	70.0 105.0
85 56.3	44.3 66.5
99 63.4	51.4 77.0



#56
Ethyl methacrylate
Concen: 57.571 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

Tgt Ion: 69	Resp: 114831
Ion Ratio	Lower Upper
69 100	
41 67.8	53.3 79.9
39 39.8	31.0 46.6





#57

1,3-Dichloropropane

Concen: 55.356 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY021449.D

Acq: 06 Mar 2025 21:15

Instrument :

MSVOA_Y

ClientSampleId :

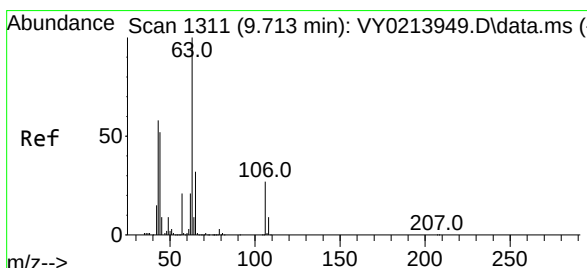
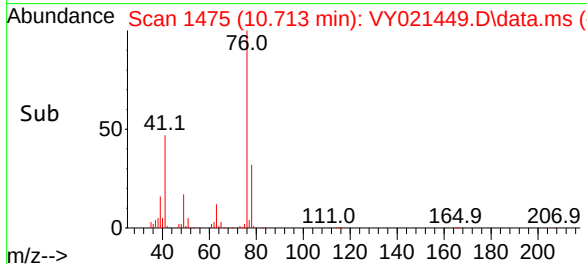
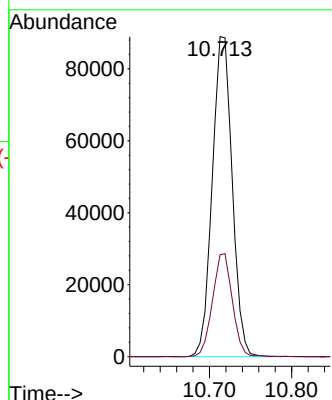
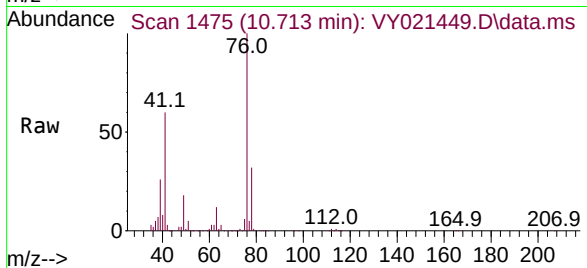
VSTDCCC050EC

Tgt Ion: 76 Resp: 150047

Ion Ratio Lower Upper

76 100

78 32.0 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 271.314 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY021449.D

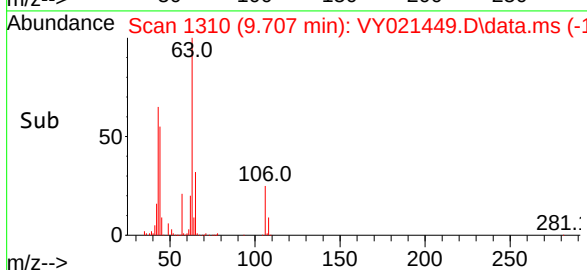
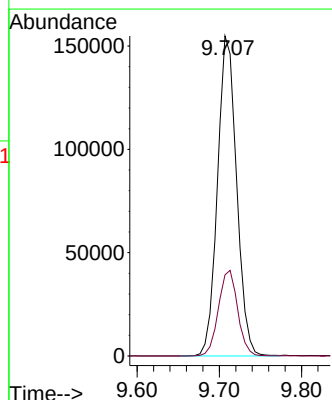
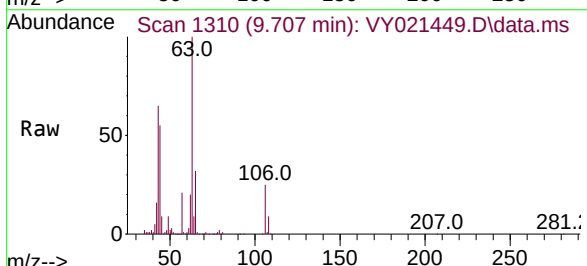
Acq: 06 Mar 2025 21:15

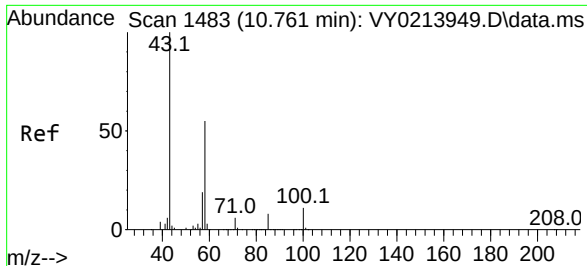
Tgt Ion: 63 Resp: 249813

Ion Ratio Lower Upper

63 100

106 26.9 22.1 33.1

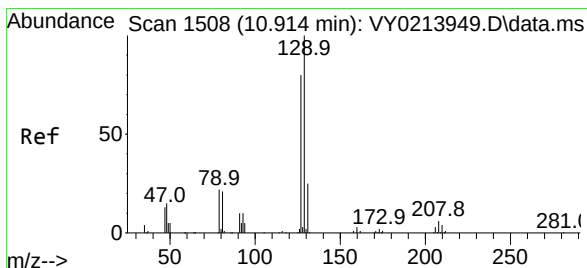
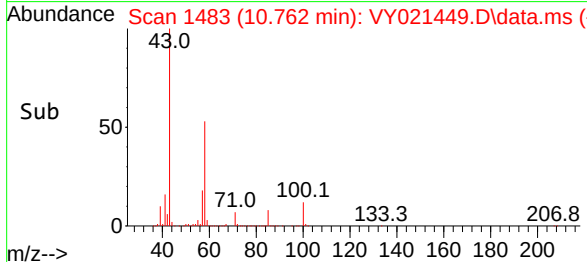
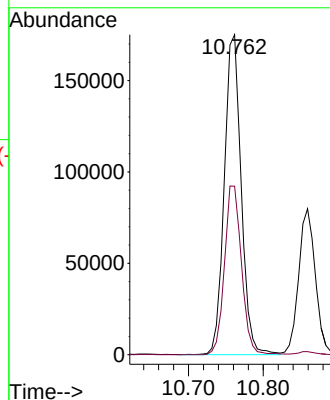
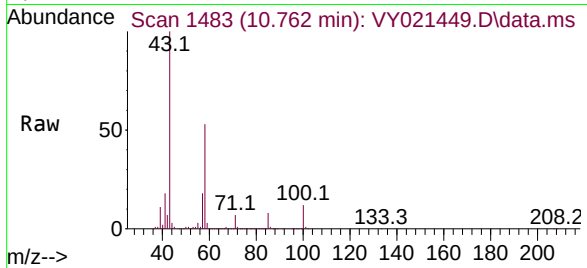




#59
2-Hexanone
Concen: 306.897 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

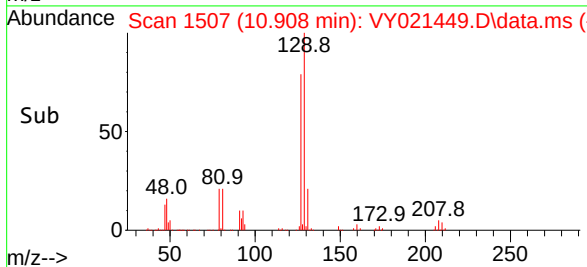
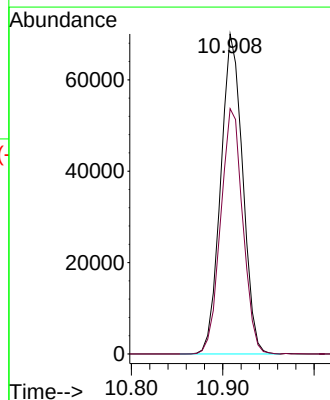
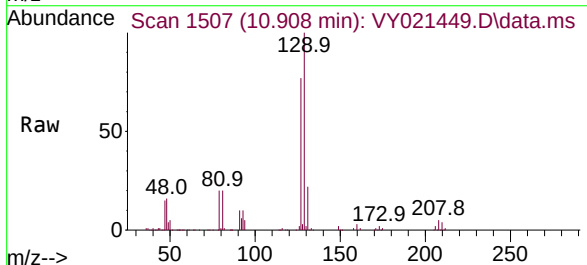
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

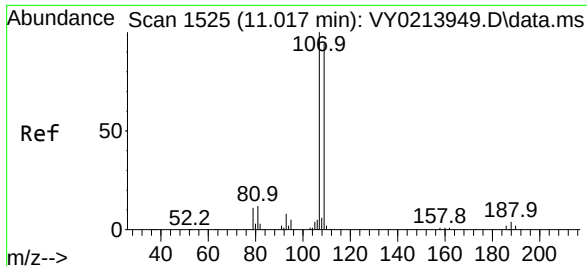
Tgt Ion: 43 Resp: 275337
Ion Ratio Lower Upper
43 100
58 53.2 27.3 81.8



#60
Dibromochloromethane
Concen: 54.578 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

Tgt Ion: 129 Resp: 117019
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.3

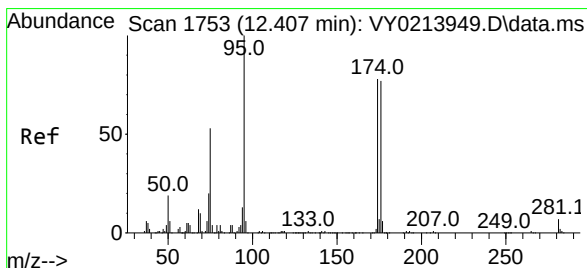
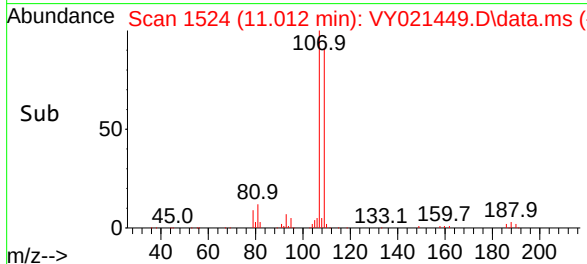
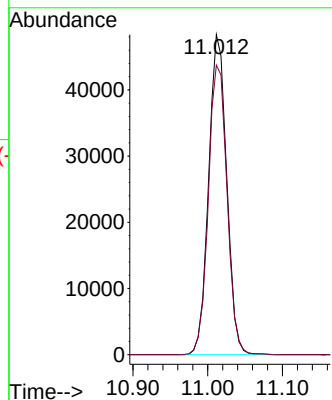
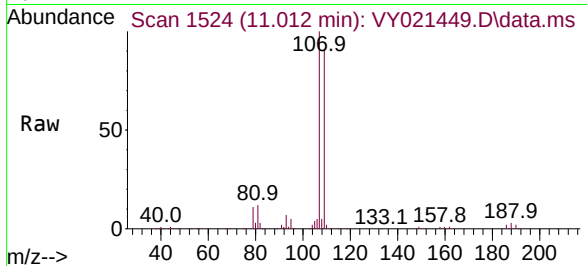




#61
1,2-Dibromoethane
Concen: 54.971 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

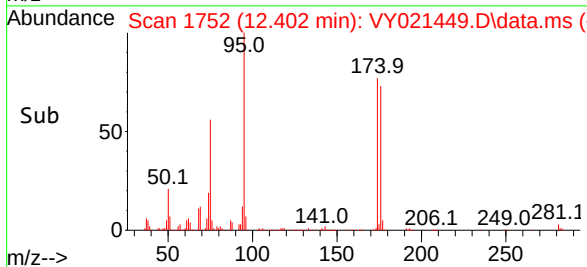
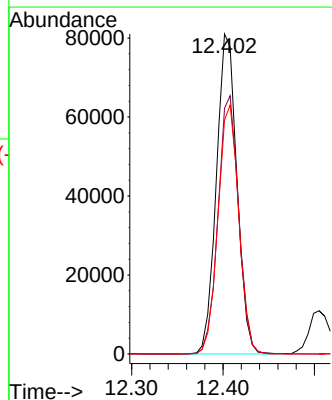
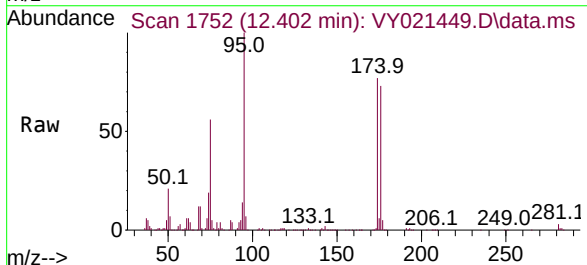
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

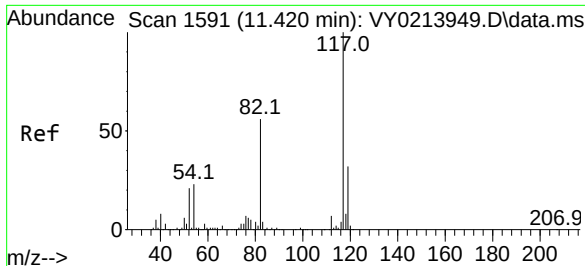
Tgt Ion:107 Resp: 81139
Ion Ratio Lower Upper
107 100
109 93.6 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 50.188 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

Tgt Ion: 95 Resp: 126564
Ion Ratio Lower Upper
95 100
174 80.9 0.0 165.0
176 78.4 0.0 160.0

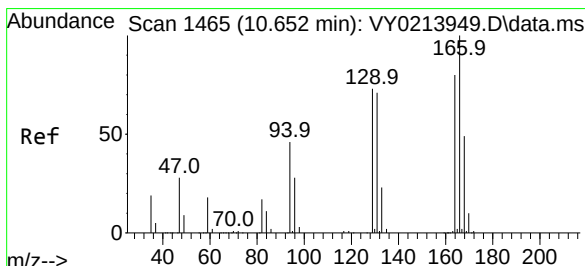
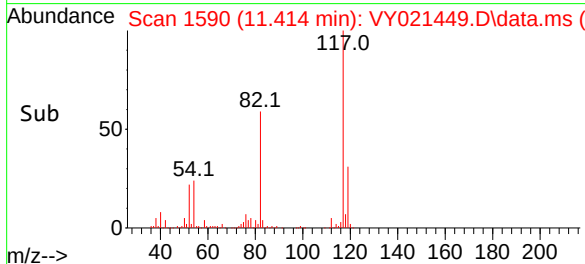
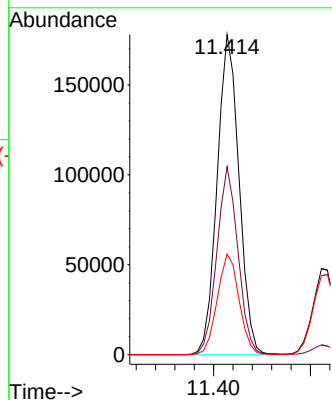
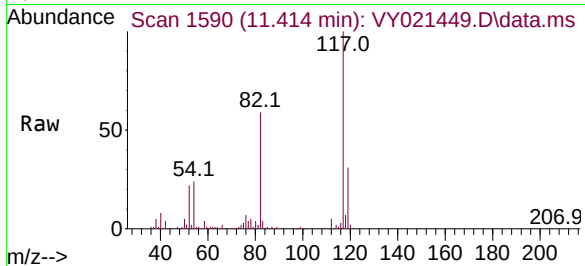




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

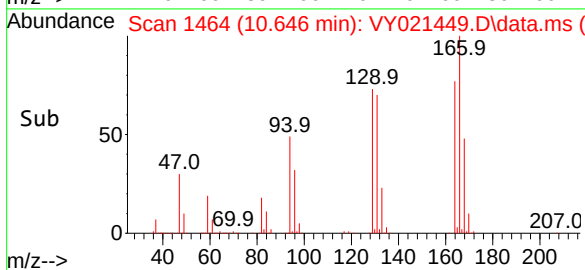
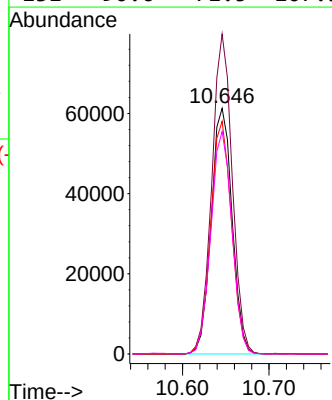
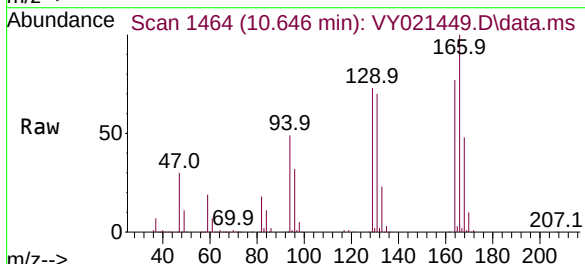
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

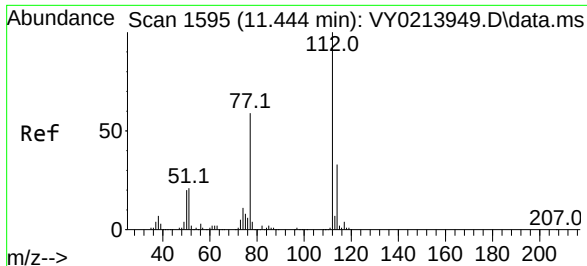
Tgt Ion:117 Resp: 278765
Ion Ratio Lower Upper
117 100
82 58.8 44.6 67.0
119 31.5 25.4 38.0



#64
Tetrachloroethene
Concen: 45.348 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

Tgt Ion:164 Resp: 102795
Ion Ratio Lower Upper
164 100
166 130.3 100.4 150.6
129 94.7 73.8 110.8
131 90.6 71.5 107.3

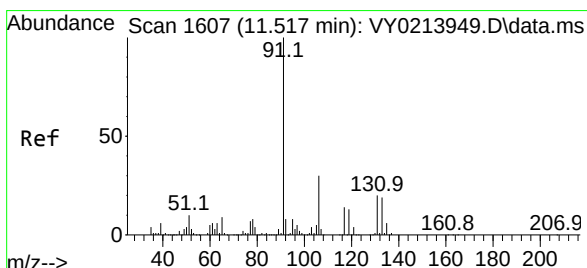
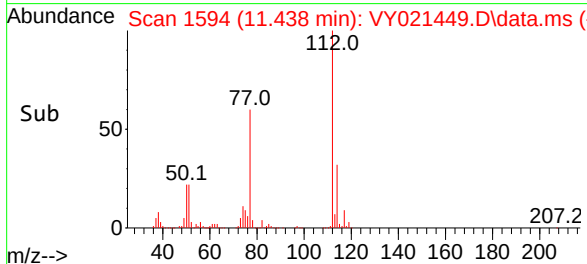
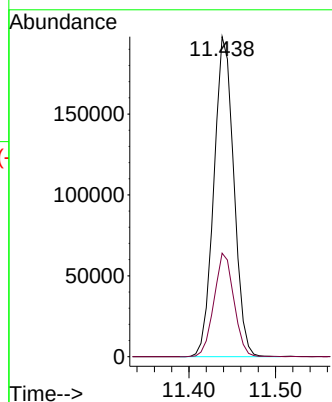
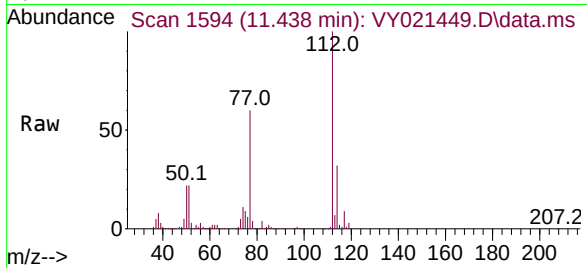




#65
Chlorobenzene
Concen: 48.035 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. -0.006 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

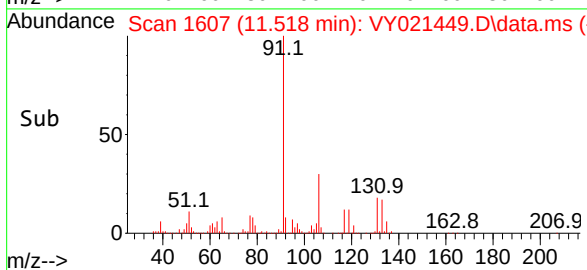
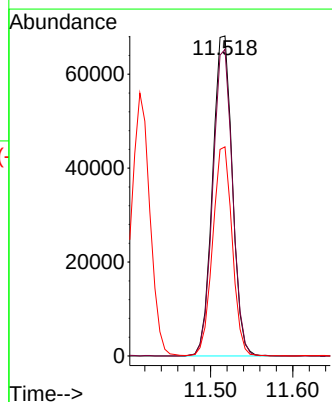
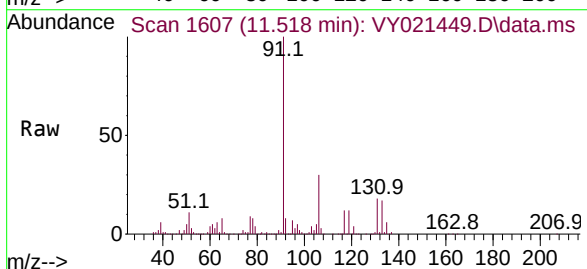
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

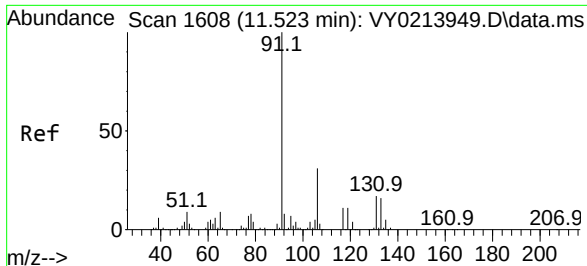
Tgt Ion:112 Resp: 316210
Ion Ratio Lower Upper
112 100
114 32.4 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 48.868 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

Tgt Ion:131 Resp: 113735
Ion Ratio Lower Upper
131 100
133 95.7 47.6 142.9
119 64.5 32.3 96.9





#67

Ethyl Benzene

Concen: 48.103 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021449.D

Acq: 06 Mar 2025 21:15

Instrument :

MSVOA_Y

ClientSampleId :

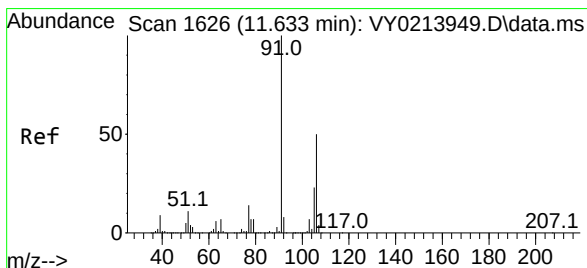
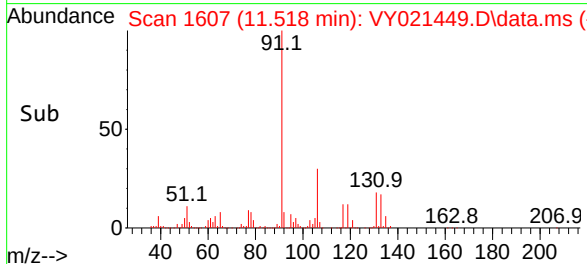
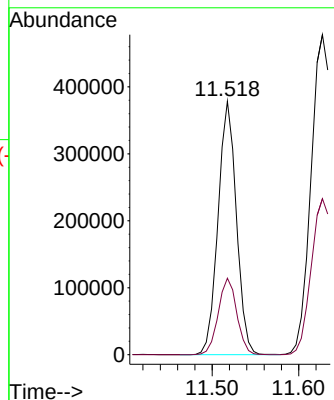
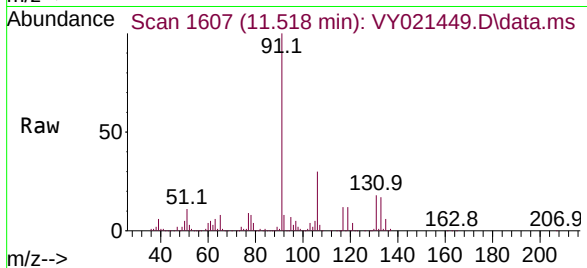
VSTDCCC050EC

Tgt Ion: 91 Resp: 555801

Ion Ratio Lower Upper

91 100

106 30.2 24.6 36.8



#68

m/p-Xylenes

Concen: 96.230 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021449.D

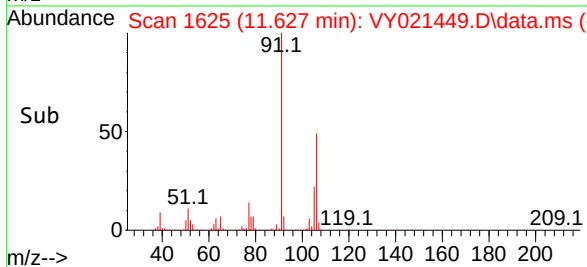
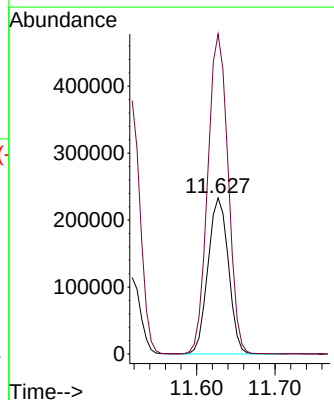
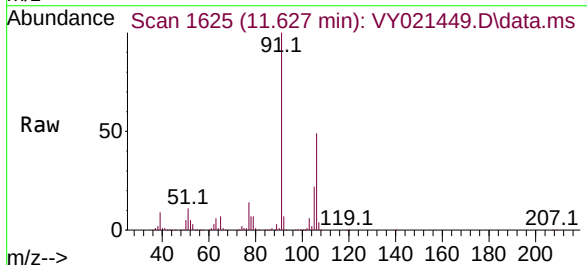
Acq: 06 Mar 2025 21:15

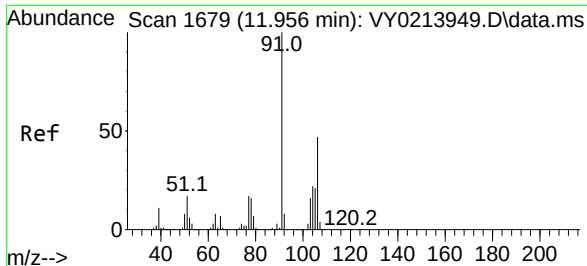
Tgt Ion: 106 Resp: 422121

Ion Ratio Lower Upper

106 100

91 204.3 161.7 242.5

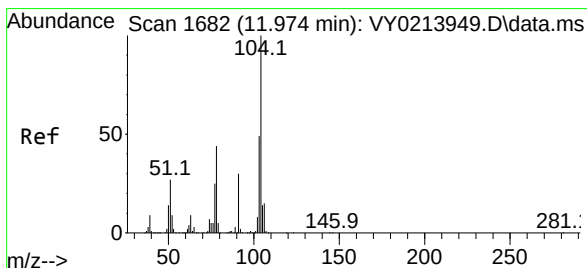
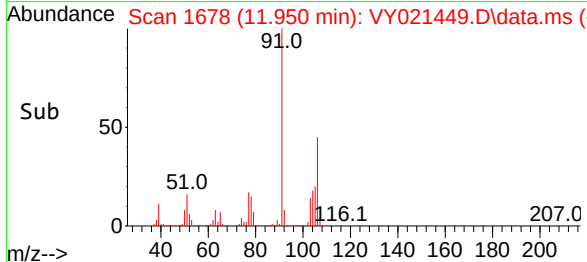
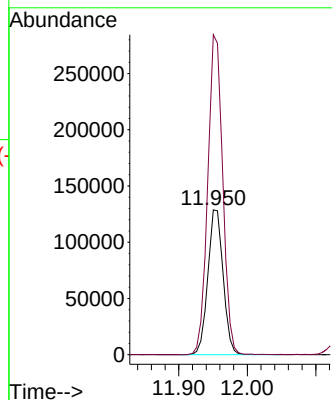
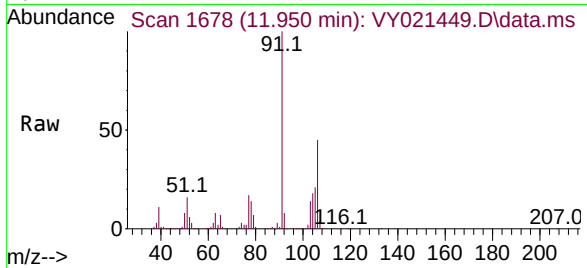




#69
o-Xylene
Concen: 49.456 ug/l
RT: 11.950 min Scan# 1679
Delta R.T. -0.006 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

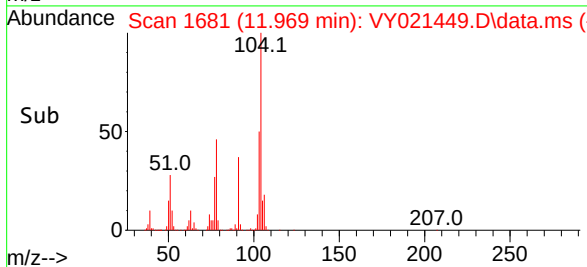
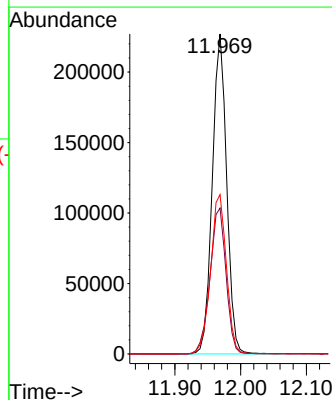
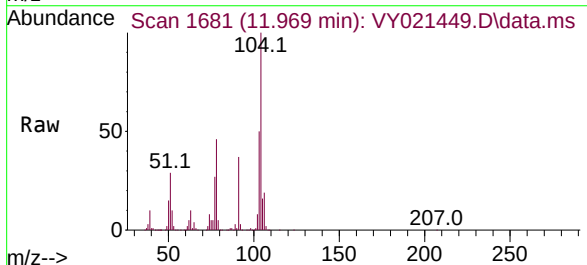
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

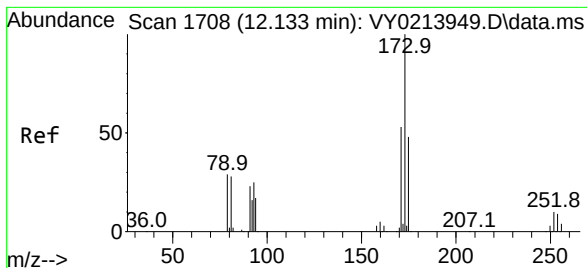
Tgt Ion:106 Resp: 199944
Ion Ratio Lower Upper
106 100
91 217.1 107.6 322.8



#70
Styrene
Concen: 51.444 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

Tgt Ion:104 Resp: 345029
Ion Ratio Lower Upper
104 100
78 50.9 40.7 61.1
103 55.0 44.1 66.1





#71

Bromoform

Concen: 53.106 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021449.D

Acq: 06 Mar 2025 21:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

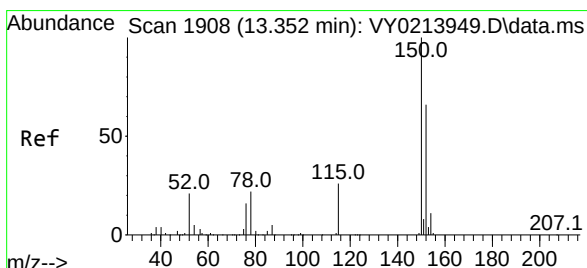
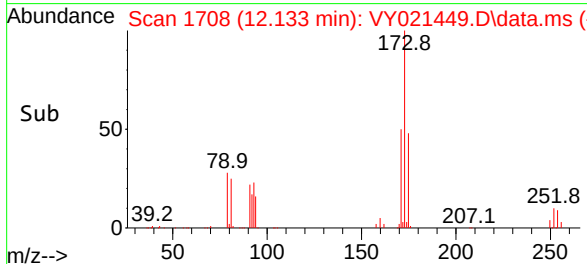
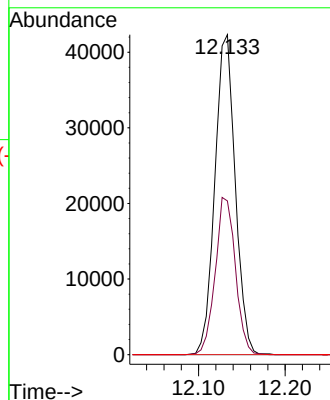
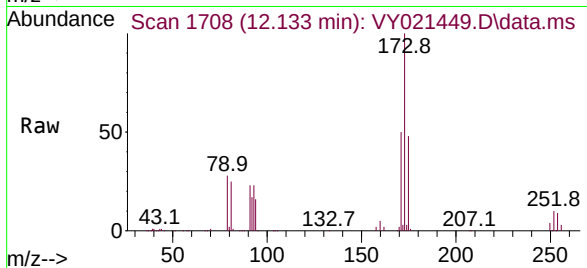
Tgt Ion:173 Resp: 69092

Ion Ratio Lower Upper

173 100

175 48.7 23.9 71.7

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY021449.D

Acq: 06 Mar 2025 21:15

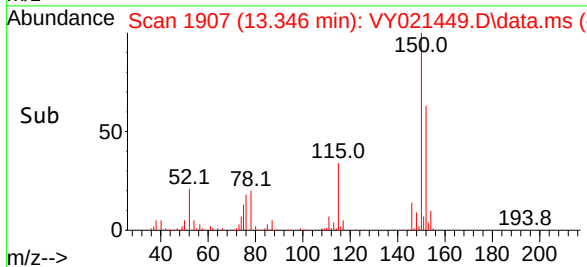
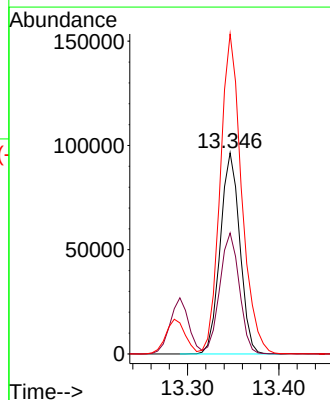
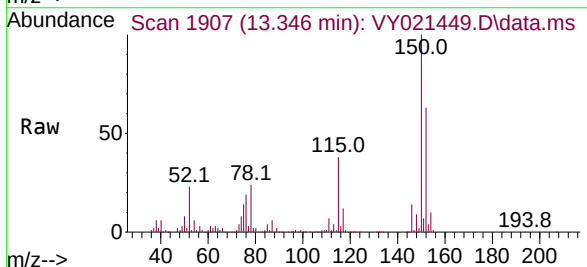
Tgt Ion:152 Resp: 143667

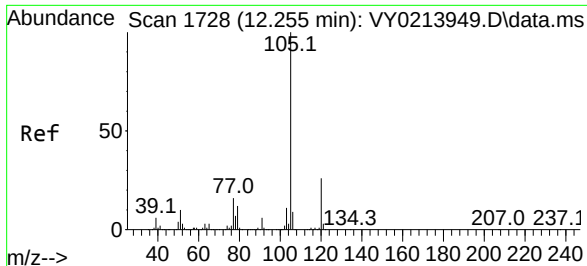
Ion Ratio Lower Upper

152 100

115 60.2 29.0 87.0

150 174.3 0.0 347.2

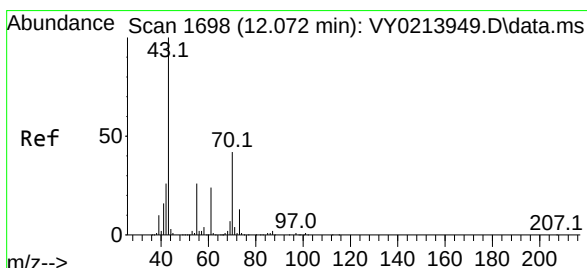
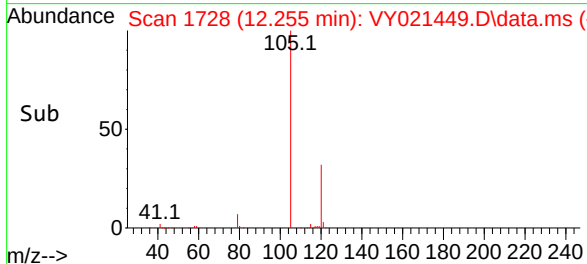
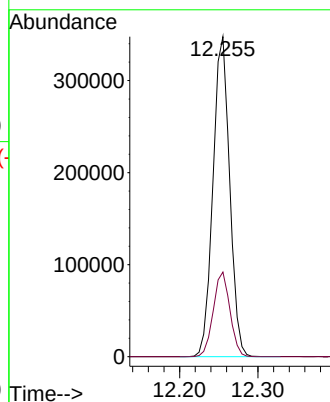
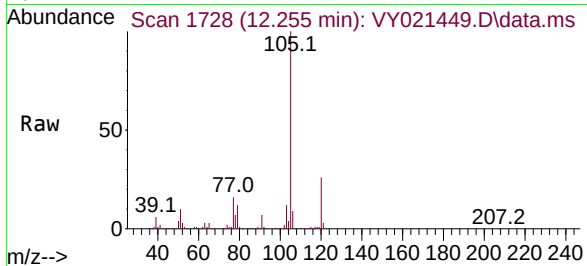




#73
Isopropylbenzene
Concen: 45.481 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

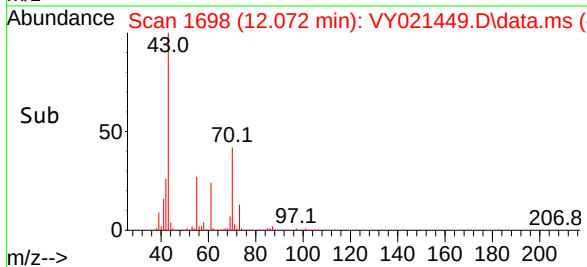
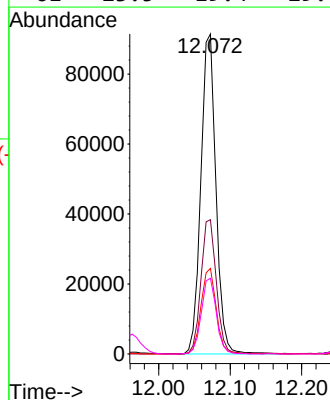
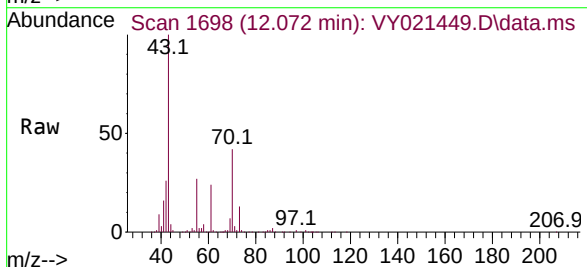
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

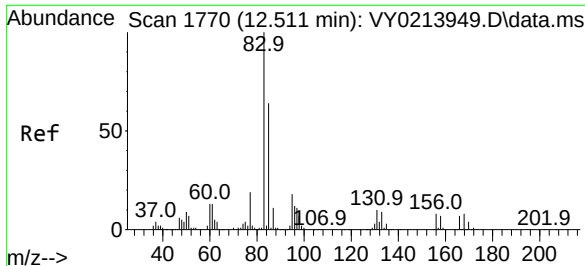
Tgt Ion:105 Resp: 514713
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.3



#74
N-ethyl acetate
Concen: 54.602 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

Tgt Ion: 43 Resp: 134199
Ion Ratio Lower Upper
43 100
70 42.7 34.6 51.8
55 27.0 21.1 31.7
61 23.5 19.4 29.0

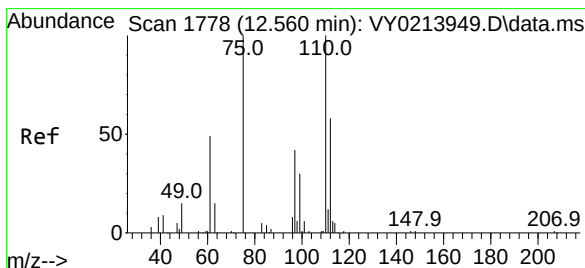
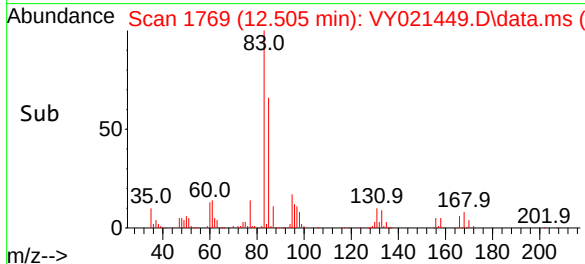
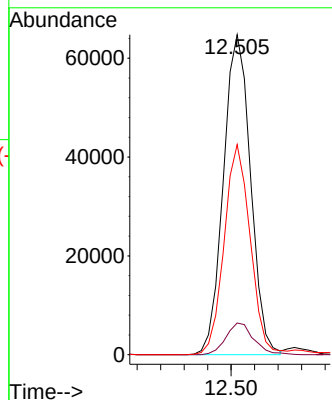
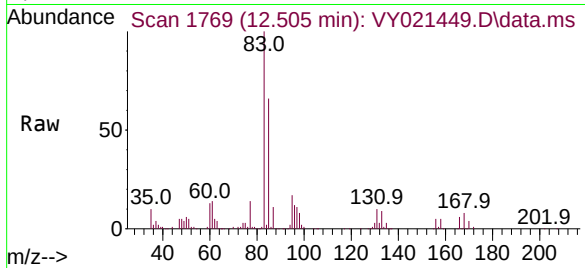




#75
1,1,2,2-Tetrachloroethane
Concen: 52.030 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

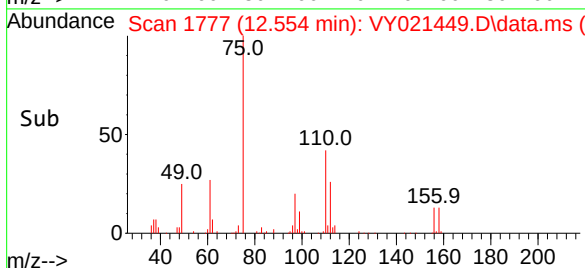
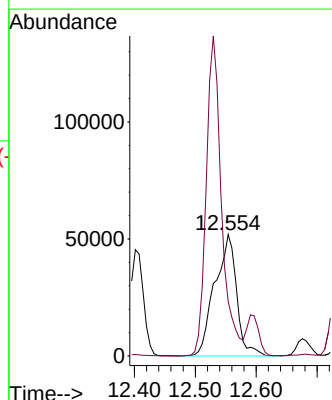
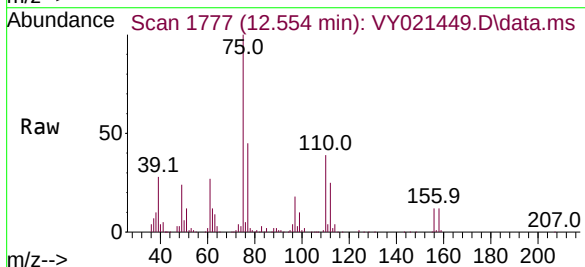
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

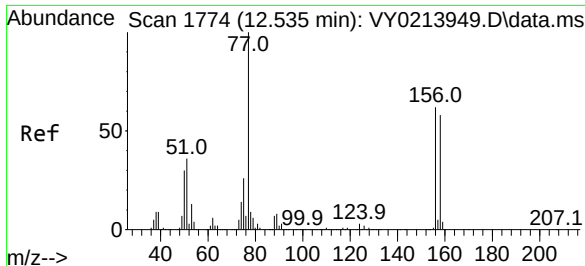
Tgt Ion: 83 Resp: 103908
Ion Ratio Lower Upper
83 100
131 10.1 5.3 16.1
85 63.1 31.9 95.5



#76
1,2,3-Trichloropropane
Concen: 89.188 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

Tgt Ion: 75 Resp: 129119
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

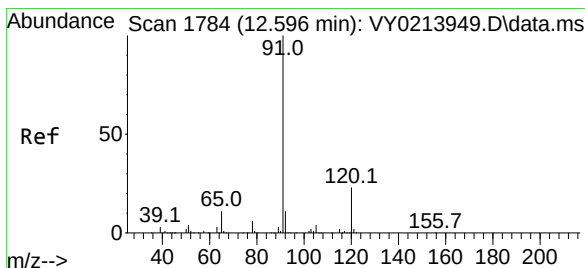
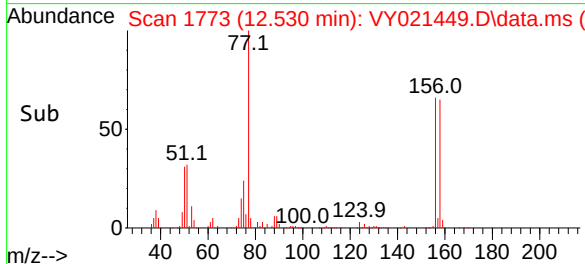
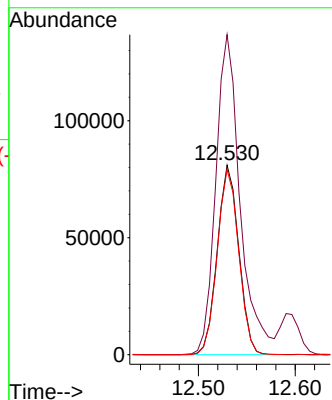
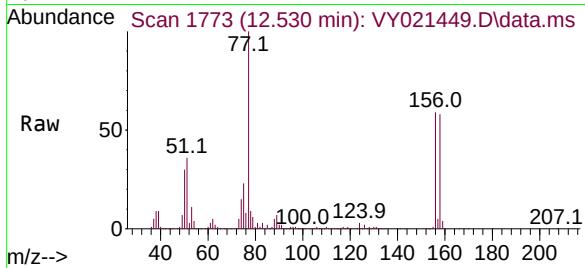




#77
Bromobenzene
Concen: 47.254 ug/l
RT: 12.530 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

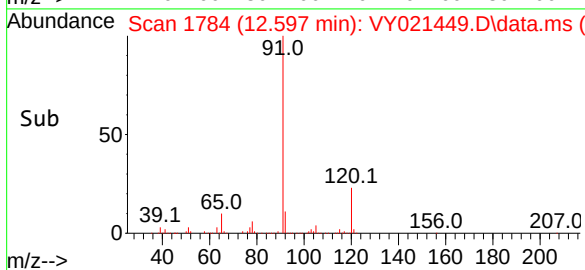
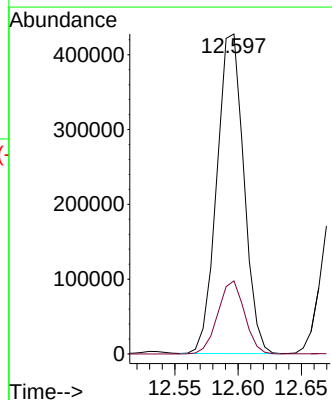
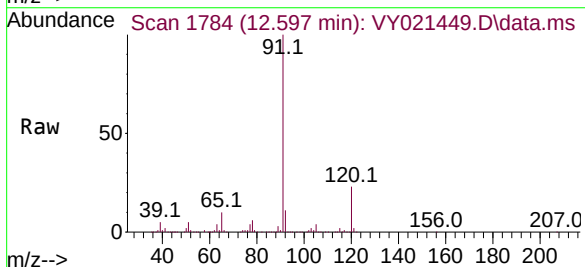
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

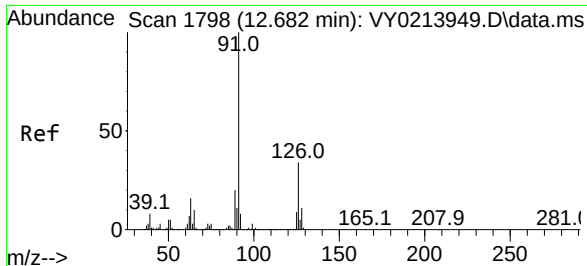
Tgt Ion:156 Resp: 125109
Ion Ratio Lower Upper
156 100
77 191.7 93.6 280.8
158 97.5 48.3 144.8



#78
n-propylbenzene
Concen: 46.136 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

Tgt Ion: 91 Resp: 634106
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.8

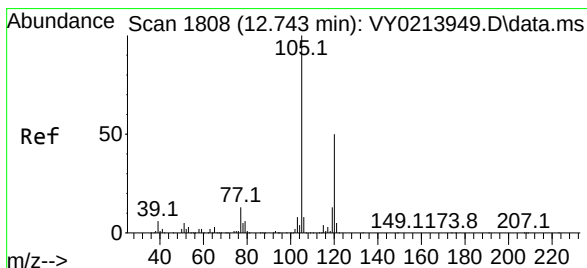
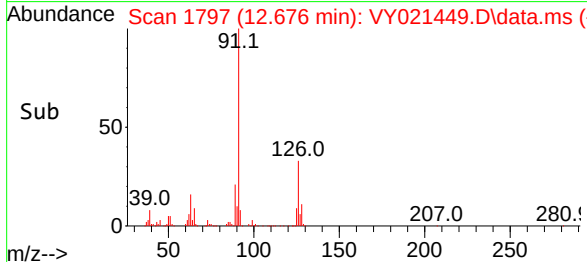
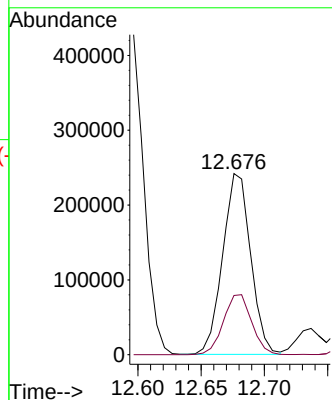
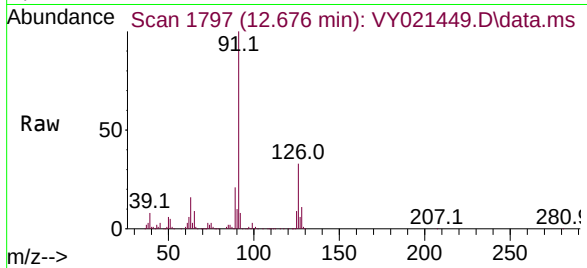




#79
2-Chlorotoluene
Concen: 47.380 ug/l
RT: 12.676 min Scan# 1798
Delta R.T. -0.006 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

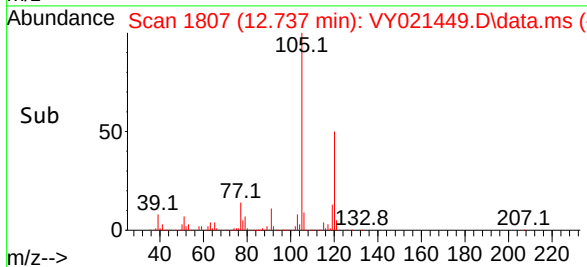
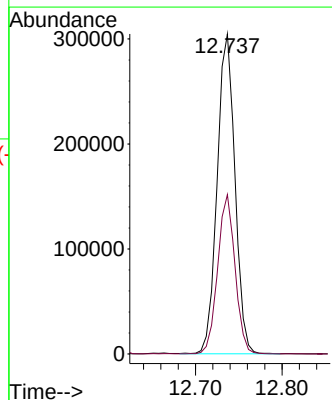
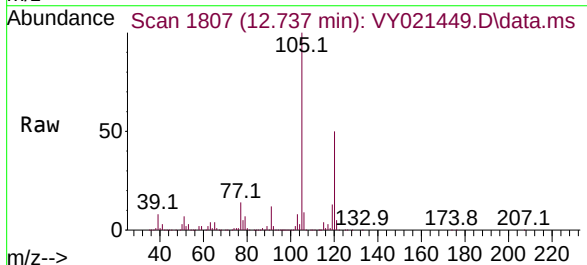
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

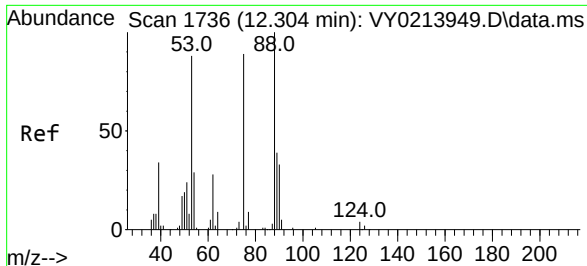
Tgt Ion: 91 Resp: 372352
Ion Ratio Lower Upper
91 100
126 33.4 17.2 51.6



#80
1,3,5-Trimethylbenzene
Concen: 47.220 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

Tgt Ion: 105 Resp: 434275
Ion Ratio Lower Upper
105 100
120 48.8 24.6 73.6

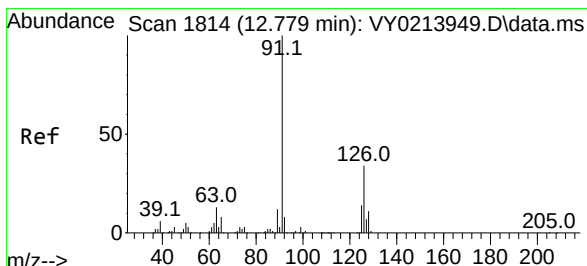
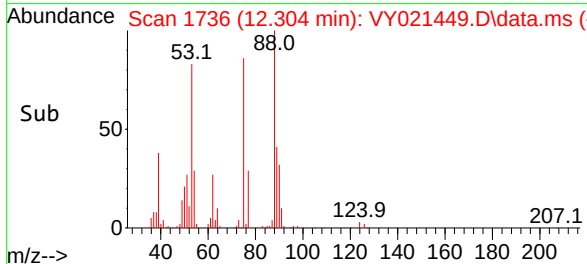
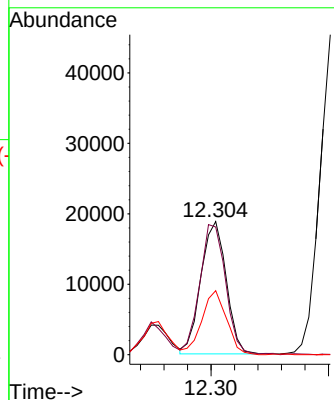
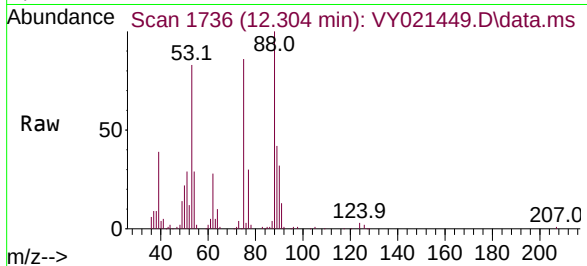




#81
trans-1,4-Dichloro-2-butene
Concen: 44.238 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

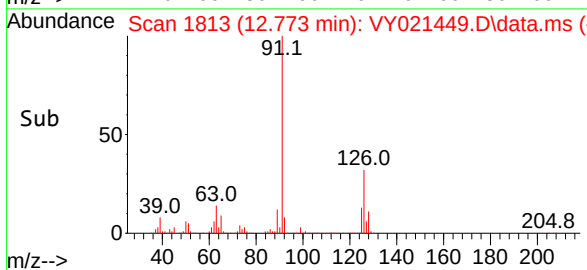
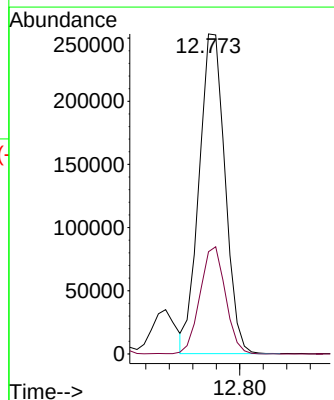
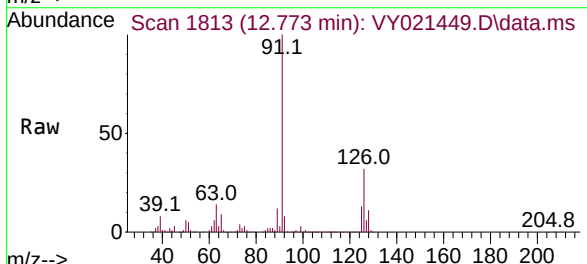
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

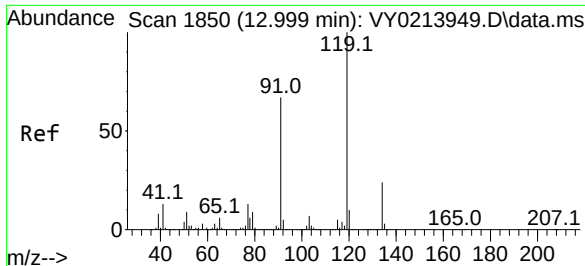
Tgt Ion: 75 Resp: 28172
Ion Ratio Lower Upper
75 100
53 101.0 81.0 121.4
89 47.4 36.9 55.3



#82
4-Chlorotoluene
Concen: 47.583 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

Tgt Ion: 91 Resp: 387231
Ion Ratio Lower Upper
91 100
126 33.1 17.0 51.0

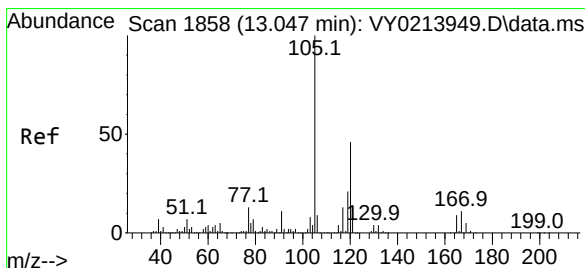
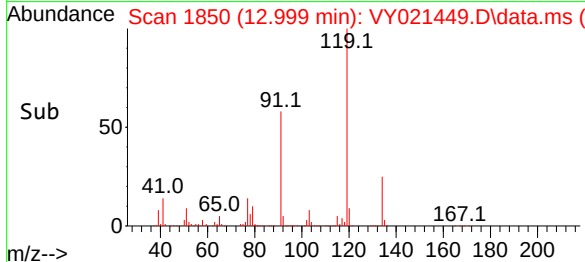
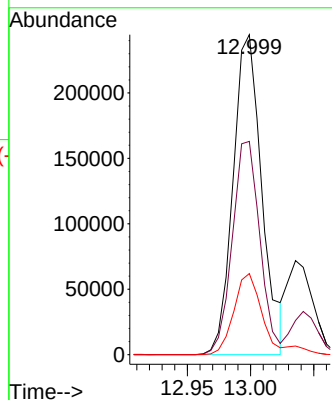
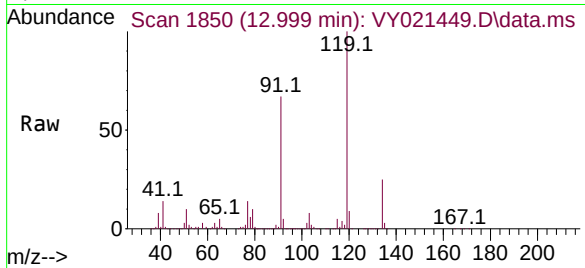




#83
 tert-Butylbenzene
 Concen: 47.120 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021449.D
 Acq: 06 Mar 2025 21:15

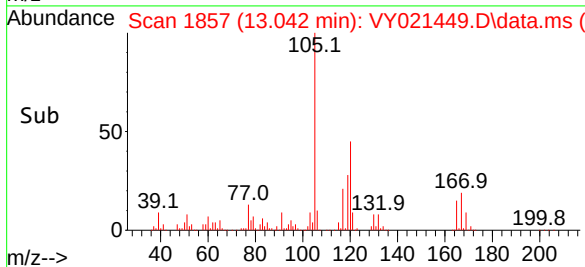
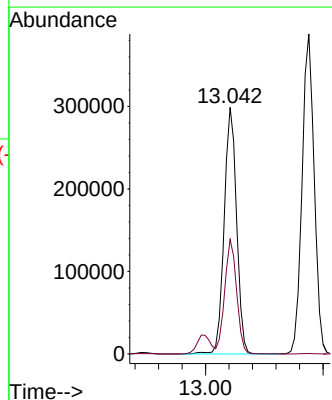
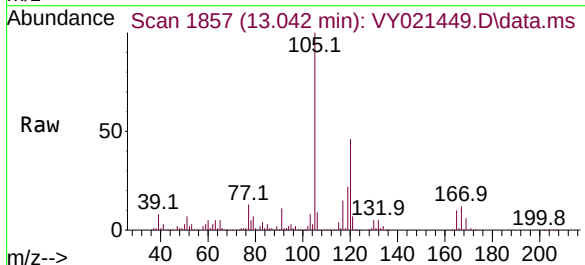
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

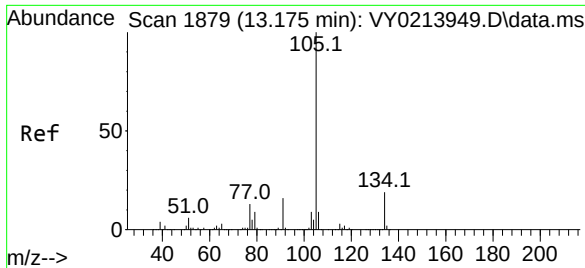
Tgt Ion:119 Resp: 386598
 Ion Ratio Lower Upper
 119 100
 91 64.1 33.2 99.6
 134 26.2 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 48.018 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.006 min
 Lab File: VY021449.D
 Acq: 06 Mar 2025 21:15

Tgt Ion:105 Resp: 438470
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.7 68.1

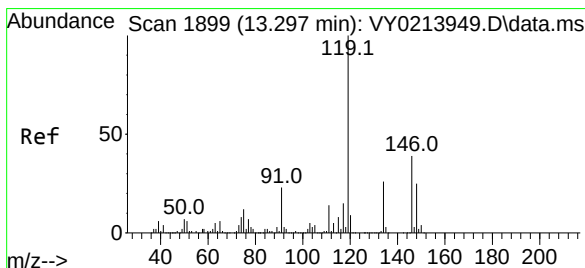
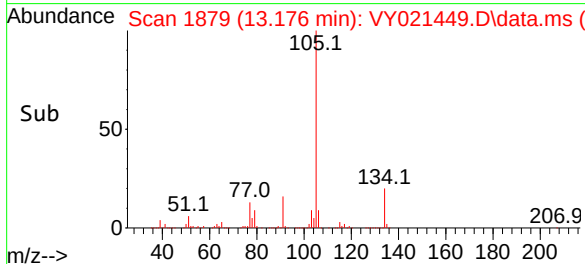
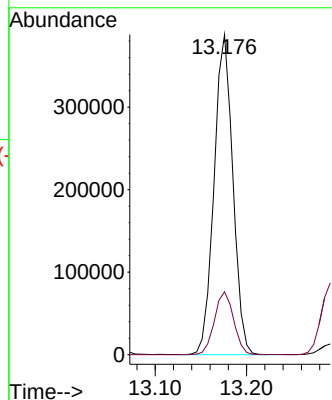
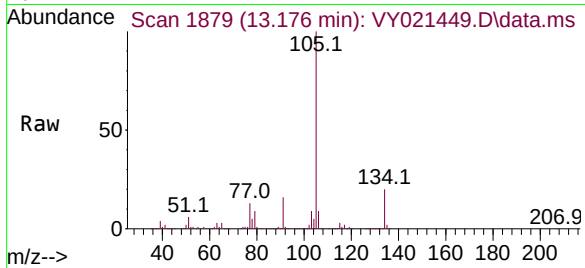




#85
 sec-Butylbenzene
 Concen: 45.352 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021449.D
 Acq: 06 Mar 2025 21:15

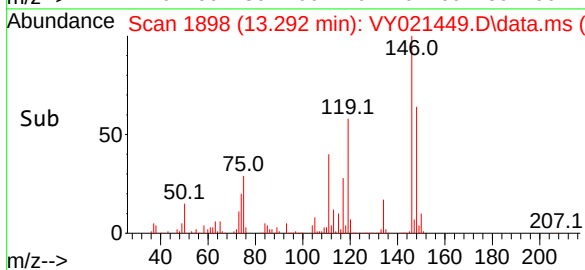
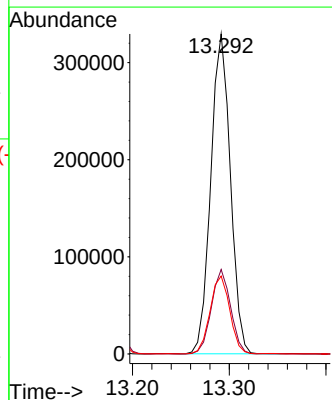
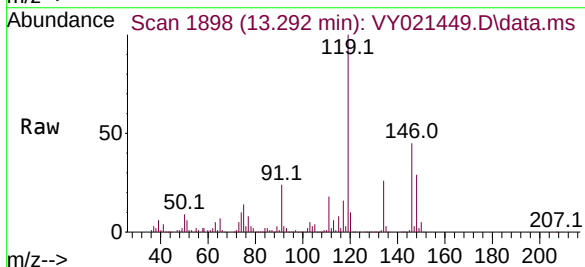
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

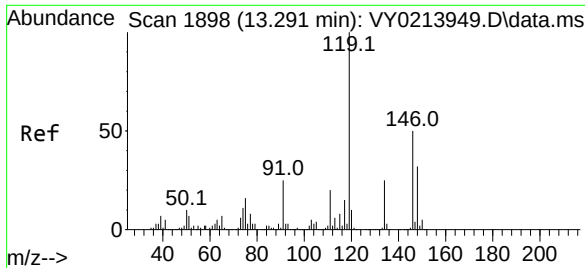
Tgt Ion:105 Resp: 553615
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 46.004 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY021449.D
 Acq: 06 Mar 2025 21:15

Tgt Ion:119 Resp: 462651
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.1
 91 24.4 12.2 36.6

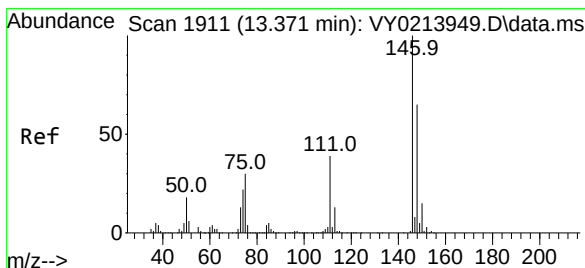
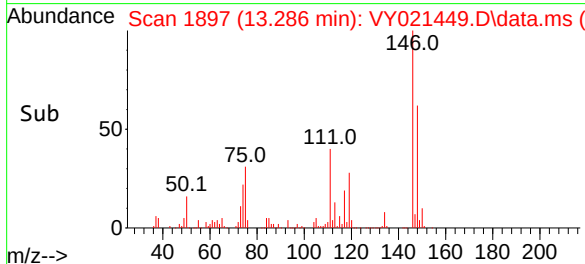
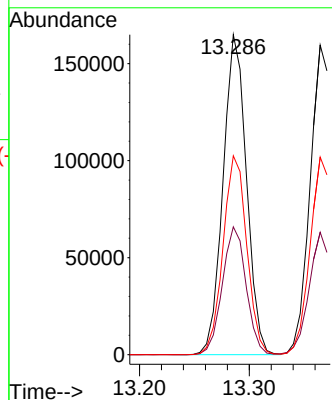
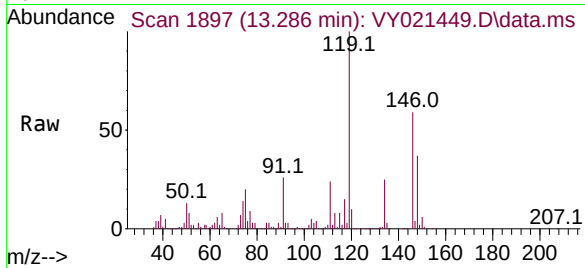




#87
 1,3-Dichlorobenzene
 Concen: 46.448 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. -0.006 min
 Lab File: VY021449.D
 Acq: 06 Mar 2025 21:15

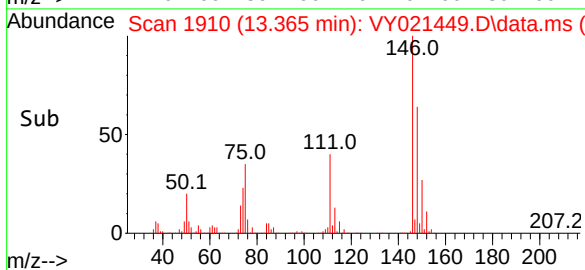
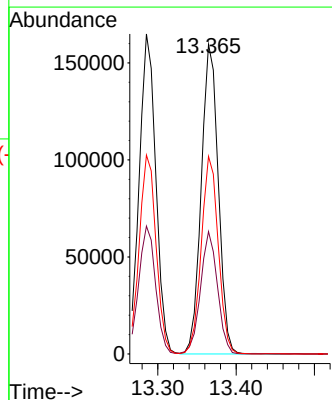
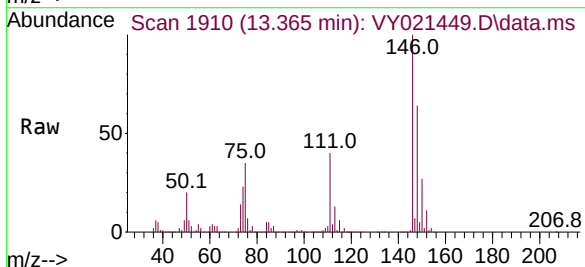
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

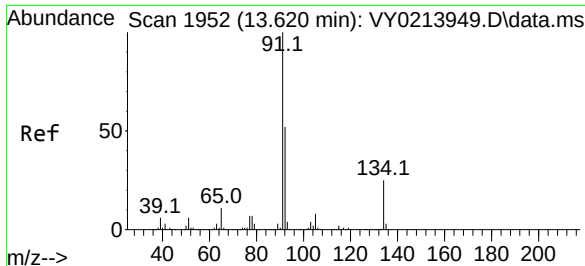
Tgt Ion:146 Resp: 244789
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.0 60.0
 148 63.1 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 46.740 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: VY021449.D
 Acq: 06 Mar 2025 21:15

Tgt Ion:146 Resp: 240907
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.6 58.8
 148 63.8 32.3 96.8





#89

n-Butylbenzene

Concen: 45.766 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY021449.D

Acq: 06 Mar 2025 21:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

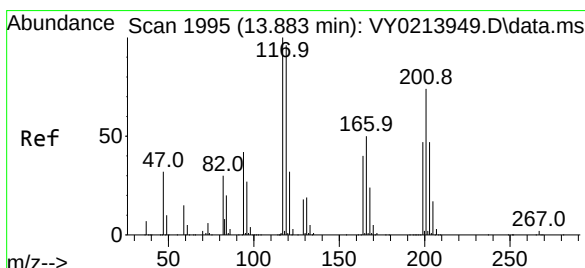
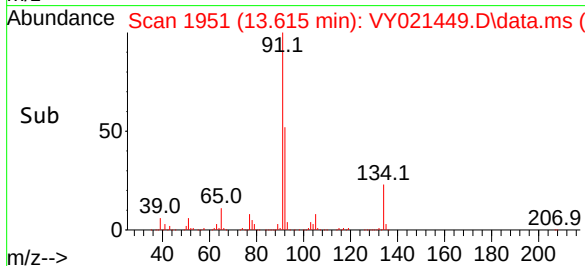
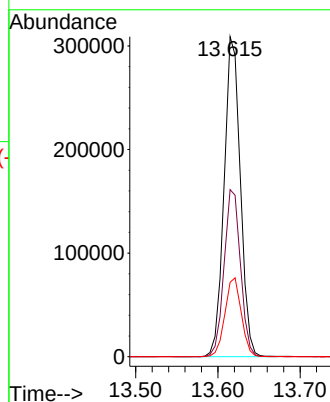
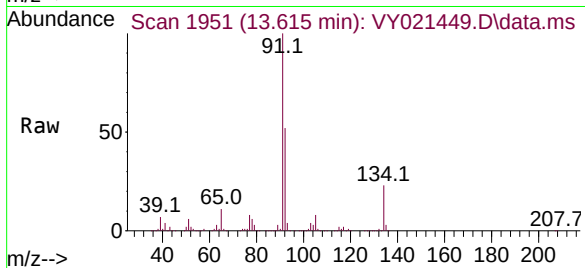
Tgt Ion: 91 Resp: 425001

Ion Ratio Lower Upper

91 100

92 52.7 26.1 78.3

134 24.9 12.6 37.8



#90

Hexachloroethane

Concen: 45.616 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY021449.D

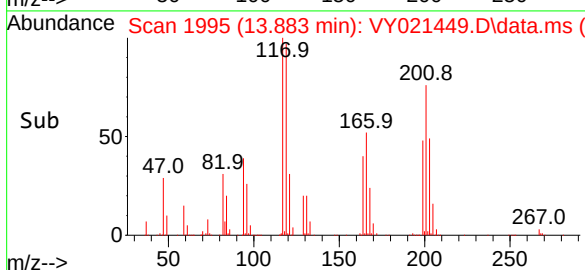
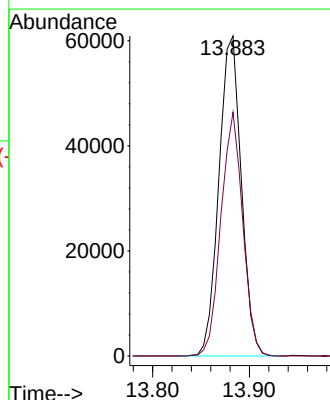
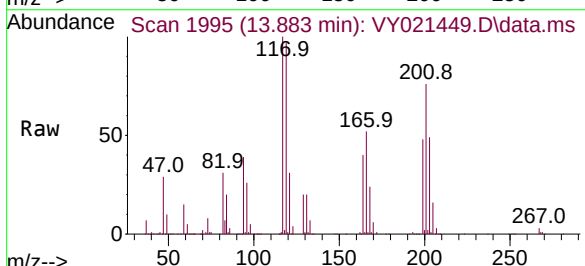
Acq: 06 Mar 2025 21:15

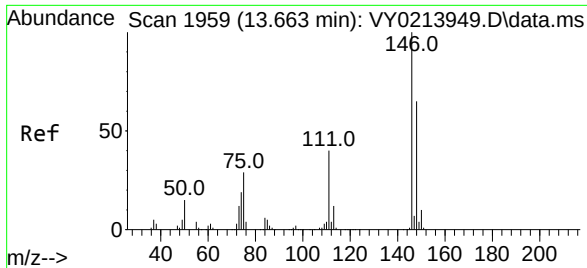
Tgt Ion: 117 Resp: 97866

Ion Ratio Lower Upper

117 100

201 74.0 37.4 112.2

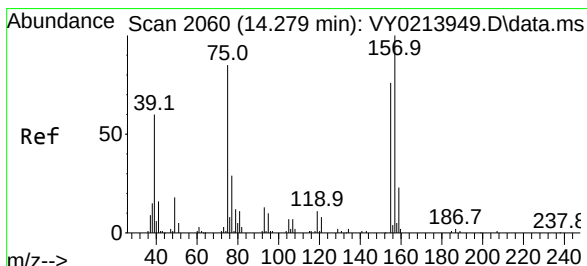
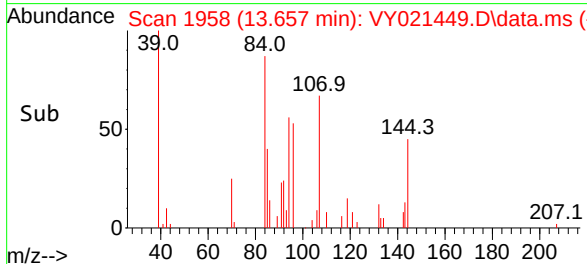
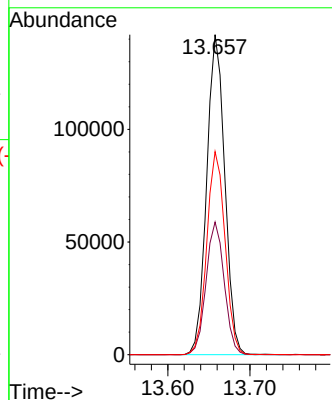
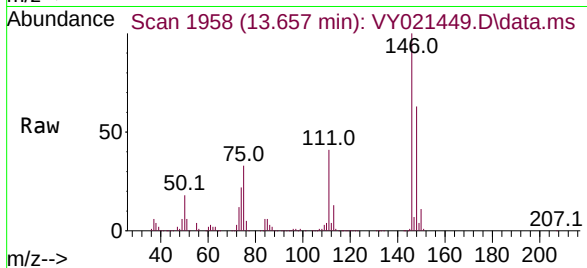




#91
 1,2-Dichlorobenzene
 Concen: 48.012 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.006 min
 Lab File: VY021449.D
 Acq: 06 Mar 2025 21:15

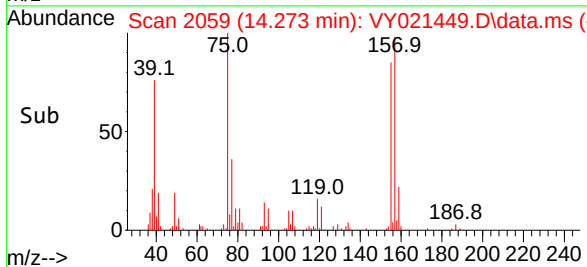
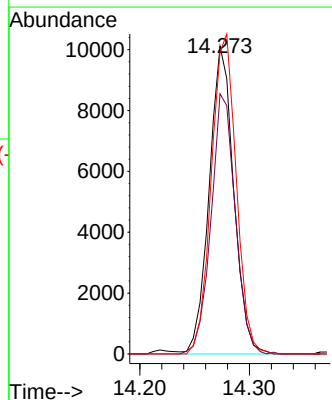
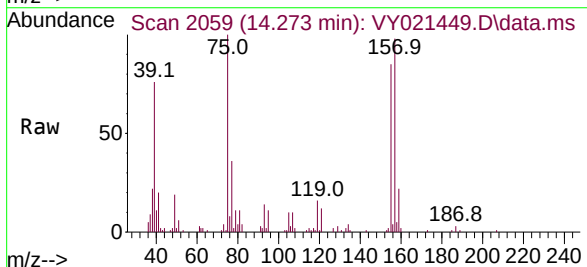
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

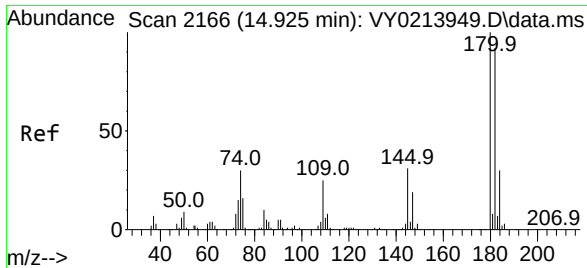
Tgt Ion:146 Resp: 216872
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.7 62.1
 148 64.1 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.481 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.006 min
 Lab File: VY021449.D
 Acq: 06 Mar 2025 21:15

Tgt Ion: 75 Resp: 15700
 Ion Ratio Lower Upper
 75 100
 155 83.5 43.5 130.5
 157 105.2 54.4 163.2

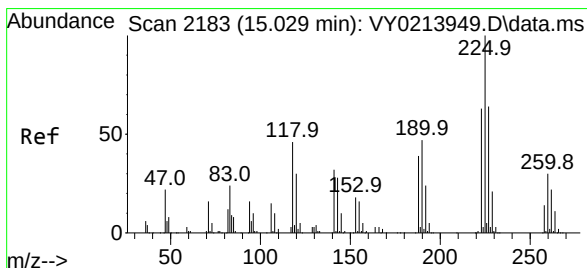
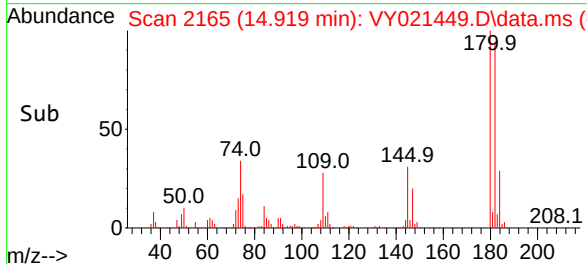
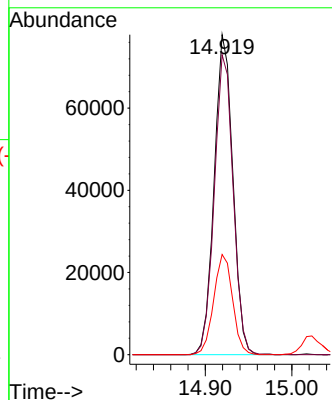
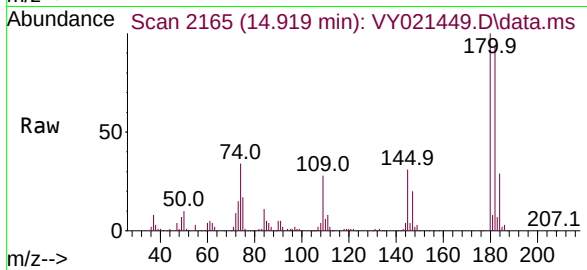




#93
 1,2,4-Trichlorobenzene
 Concen: 47.189 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. -0.006 min
 Lab File: VY021449.D
 Acq: 06 Mar 2025 21:15

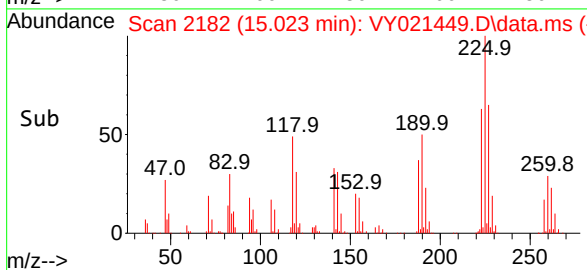
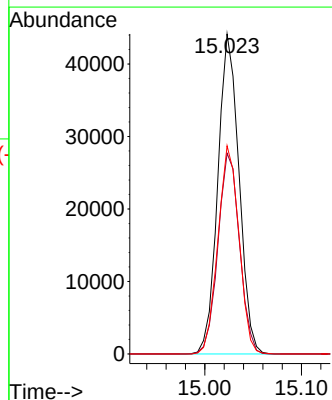
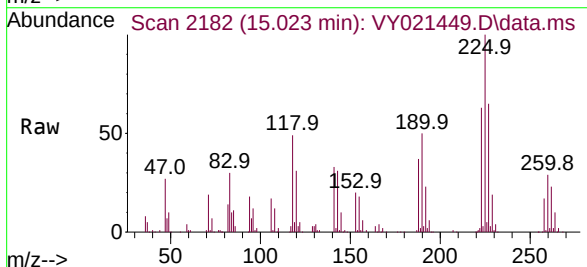
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

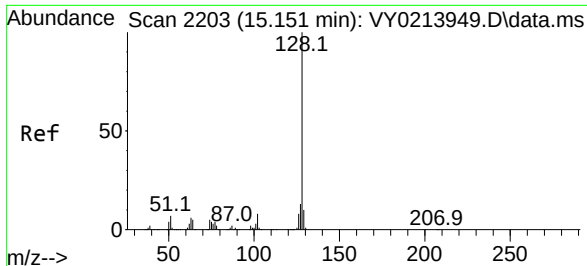
Tgt Ion:180 Resp: 116425
 Ion Ratio Lower Upper
 180 100
 182 94.7 46.7 140.0
 145 31.7 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 43.266 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. -0.006 min
 Lab File: VY021449.D
 Acq: 06 Mar 2025 21:15

Tgt Ion:225 Resp: 66914
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.4 94.2
 227 64.5 31.8 95.4

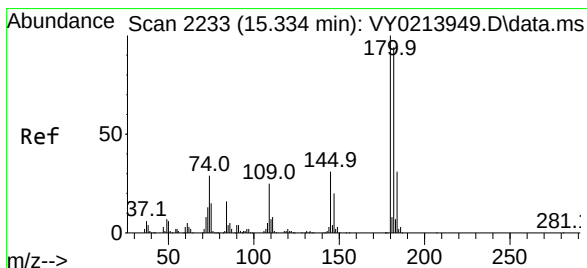
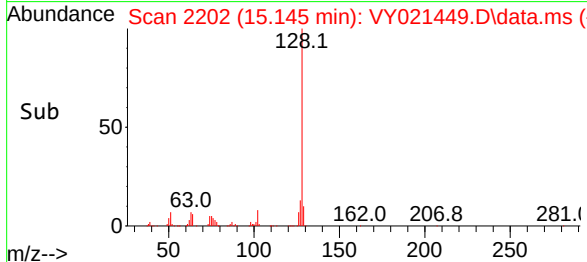
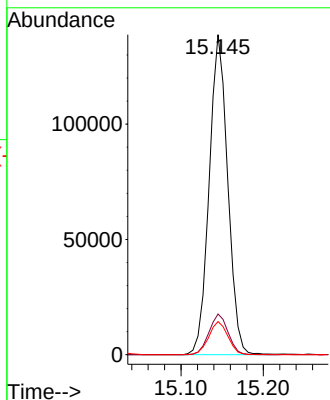
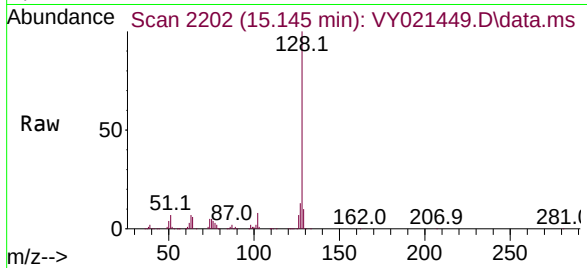




#95
Naphthalene
Concen: 51.890 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 217418
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.539 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY021449.D
Acq: 06 Mar 2025 21:15

Tgt Ion:180 Resp: 102796
Ion Ratio Lower Upper
180 100
182 95.9 47.2 141.6
145 32.4 16.4 49.1

