

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052225\
 Data File : VY022405.D
 Acq On : 22 May 2025 18:49
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.72g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 23 03:42:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.720	168	158331	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.622	114	277918	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	240702	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	115598	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	92514	53.464	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.920%	
35) Dibromofluoromethane	7.646	113	89001	53.655	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.300%	
50) Toluene-d8	10.115	98	351823	51.787	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.580%	
62) 4-Bromofluorobenzene	12.414	95	109017	50.627	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.260%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	72927	44.141	ug/l	99
3) Chloromethane	2.074	50	182588	52.538	ug/l	100
4) Vinyl Chloride	2.208	62	224805	57.898	ug/l	98
5) Bromomethane	2.605	94	184793	58.464	ug/l	98
6) Chloroethane	2.739	64	144817	59.952	ug/l	97
7) Trichlorofluoromethane	3.062	101	187884	47.793	ug/l	100
8) Diethyl Ether	3.464	74	47470	50.317	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.830	101	84147	49.306	ug/l	99
10) Methyl Iodide	4.019	142	107766	54.558	ug/l	98
11) Tert butyl alcohol	4.885	59	29634	224.261	ug/l #	100
12) 1,1-Dichloroethene	3.800	96	84912	50.137	ug/l	94
13) Acrolein	3.659	56	18954	98.117	ug/l	98
14) Allyl chloride	4.397	41	128851	43.390	ug/l	91
15) Acrylonitrile	5.074	53	93760	241.192	ug/l	99
16) Acetone	3.885	43	68707	211.756	ug/l	98
17) Carbon Disulfide	4.117	76	263794	47.765	ug/l	99
18) Methyl Acetate	4.397	43	62467	61.062	ug/l	92
19) Methyl tert-butyl Ether	5.129	73	234513	50.219	ug/l	99
20) Methylene Chloride	4.629	84	96927	46.231	ug/l	93
21) trans-1,2-Dichloroethene	5.129	96	96420	51.579	ug/l	93
22) Diisopropyl ether	6.031	45	291831	46.536	ug/l	98
23) Vinyl Acetate	5.976	43	787519	207.864	ug/l	97
24) 1,1-Dichloroethane	5.927	63	177099	50.548	ug/l	98
25) 2-Butanone	6.909	43	116670	214.968	ug/l	95
26) 2,2-Dichloropropane	6.897	77	140259	45.010	ug/l	98
27) cis-1,2-Dichloroethene	6.903	96	112677	52.233	ug/l	95
28) Bromochloromethane	7.256	49	74479	49.838	ug/l	93
29) Tetrahydrofuran	7.274	42	78646	225.238	ug/l	92
30) Chloroform	7.433	83	178067	52.987	ug/l	99
31) Cyclohexane	7.713	56	150998	43.136	ug/l	94
32) 1,1,1-Trichloroethane	7.628	97	155844	50.547	ug/l	98
36) 1,1-Dichloropropene	7.848	75	127354	46.612	ug/l	99
37) Ethyl Acetate	7.000	43	54489	41.449	ug/l	97
38) Carbon Tetrachloride	7.829	117	132756	46.941	ug/l	96
39) Methylcyclohexane	9.116	83	165073	44.971	ug/l	96
40) Benzene	8.091	78	400359	49.429	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	28730	32.946	ug/l #	71
42) 1,2-Dichloroethane	8.165	62	104992	47.934	ug/l	100
43) Isopropyl Acetate	8.207	43	121506	42.381	ug/l #	85
44) Trichloroethene	8.872	130	98950	49.133	ug/l	100
45) 1,2-Dichloropropane	9.152	63	94269	48.275	ug/l	96
46) Dibromomethane	9.238	93	51844	49.224	ug/l	98
47) Bromodichloromethane	9.433	83	135247	49.498	ug/l	100
48) Methyl methacrylate	9.231	41	56535	42.166	ug/l	90
49) 1,4-Dioxane	9.238	88	11311	950.632	ug/l	88
51) 4-Methyl-2-Pentanone	10.006	43	305566	217.215	ug/l	96
52) Toluene	10.176	92	251856	49.104	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	122854	46.073	ug/l	99
54) cis-1,3-Dichloropropene	9.866	75	142769	46.732	ug/l	97
55) 1,1,2-Trichloroethane	10.579	97	66264	49.132	ug/l	97
56) Ethyl methacrylate	10.445	69	95224	45.326	ug/l	95
57) 1,3-Dichloropropane	10.725	76	116092	48.446	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	246459	261.365	ug/l	97
59) 2-Hexanone	10.768	43	197602	209.502	ug/l	95
60) Dibromochloromethane	10.920	129	86856	49.616	ug/l	99
61) 1,2-Dibromoethane	11.024	107	62078	49.384	ug/l	99
64) Tetrachloroethene	10.652	164	106790	47.999	ug/l	97
65) Chlorobenzene	11.451	112	263979	48.611	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.524	131	90269	48.352	ug/l	99
67) Ethyl Benzene	11.524	91	484553	47.644	ug/l	98
68) m/p-Xylenes	11.633	106	371517	96.944	ug/l	96
69) o-Xylene	11.963	106	178149	49.134	ug/l	97
70) Styrene	11.975	104	297464	48.635	ug/l	97
71) Bromoform	12.139	173	47141	46.782	ug/l #	99
73) Isopropylbenzene	12.261	105	456041	47.620	ug/l	100
74) N-amyl acetate	12.079	43	108763	39.709	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.511	83	69516	47.199	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	97001	82.827	ug/l #	100
77) Bromobenzene	12.536	156	98286	48.052	ug/l	95
78) n-propylbenzene	12.603	91	542282	46.945	ug/l	99
79) 2-Chlorotoluene	12.688	91	294451	46.385	ug/l	97
80) 1,3,5-Trimethylbenzene	12.743	105	359456	46.497	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.310	75	22349	38.658	ug/l	100
82) 4-Chlorotoluene	12.786	91	298647	45.739	ug/l	98
83) tert-Butylbenzene	13.005	119	324795	47.270	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	364391	47.483	ug/l	98
85) sec-Butylbenzene	13.182	105	483675	47.420	ug/l	100
86) p-Isopropyltoluene	13.298	119	399718	46.596	ug/l	98
87) 1,3-Dichlorobenzene	13.292	146	194701	46.629	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	189952	47.294	ug/l	98
89) n-Butylbenzene	13.621	91	372306	45.875	ug/l	99
90) Hexachloroethane	13.883	117	81079	46.822	ug/l	96
91) 1,2-Dichlorobenzene	13.664	146	166976	47.608	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	10884	45.828	ug/l	97
93) 1,2,4-Trichlorobenzene	14.926	180	93449	46.126	ug/l	98
94) Hexachlorobutadiene	15.029	225	48651	43.061	ug/l	99
95) Naphthalene	15.151	128	187979	48.894	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	81405	47.365	ug/l	99

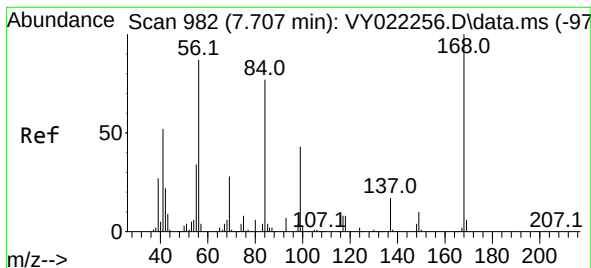
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.720 min Scan# 9

Delta R.T. 0.013 min

Lab File: VY022405.D

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Instrument :

MSVOA_Y

ClientSampleId :

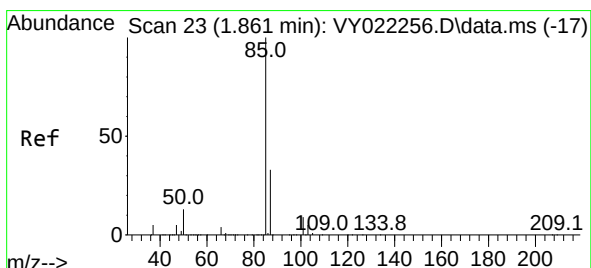
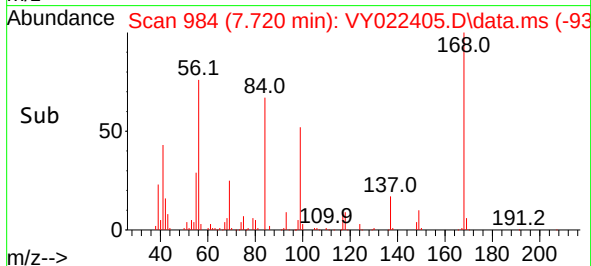
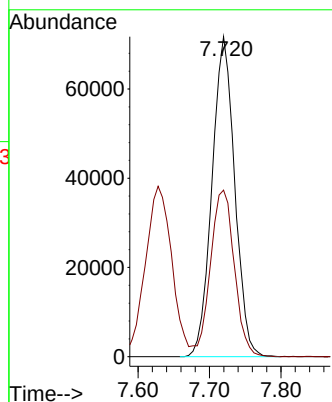
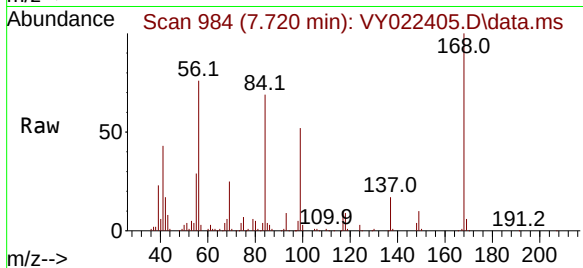
VSTDCCC050EC

Tgt Ion:168 Resp: 158331

Ion Ratio Lower Upper

168 100

99 52.0 44.2 66.4



#2

Dichlorodifluoromethane

Concen: 44.141 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.006 min

Lab File: VY022405.D

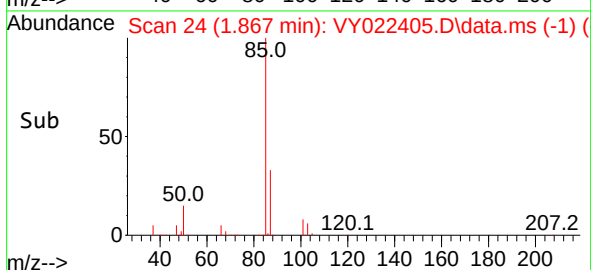
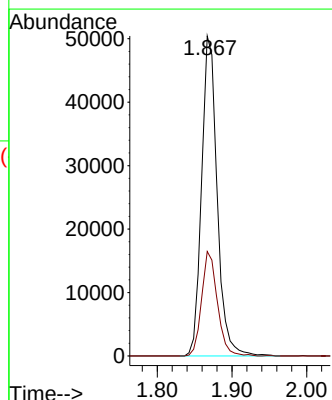
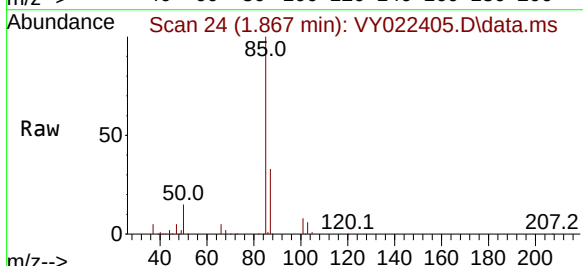
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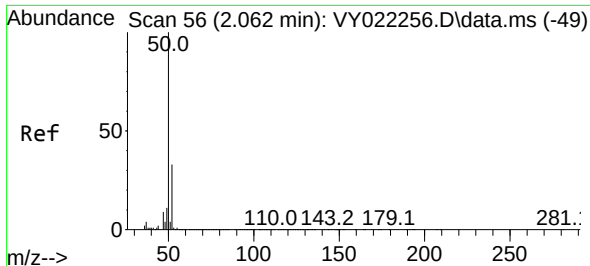
Tgt Ion: 85 Resp: 72927

Ion Ratio Lower Upper

85 100

87 32.6 16.5 49.5

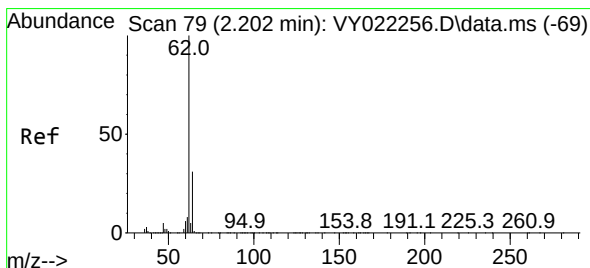
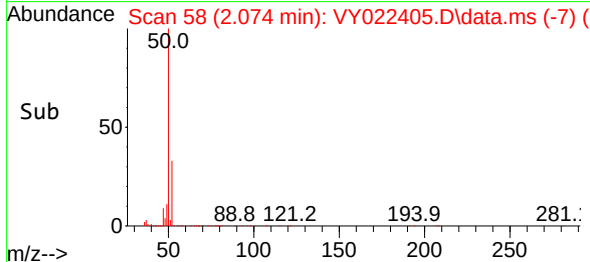
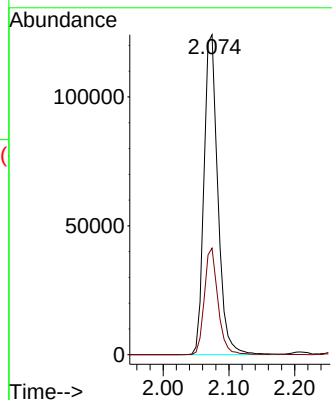
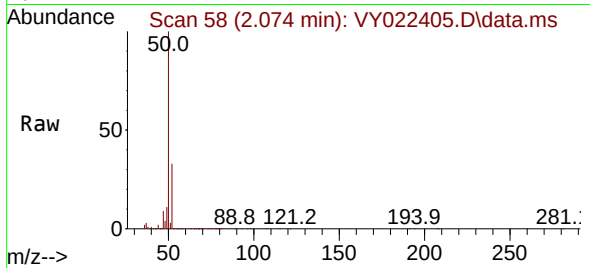




#3
Chloromethane
Concen: 52.538 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY022405.D
Acq: 22 May 2025 18:49

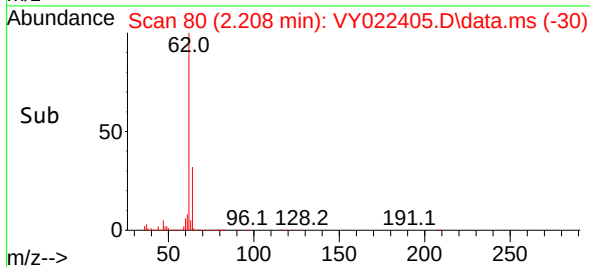
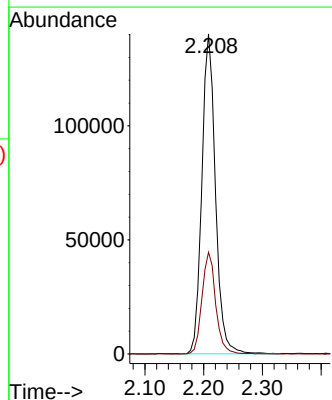
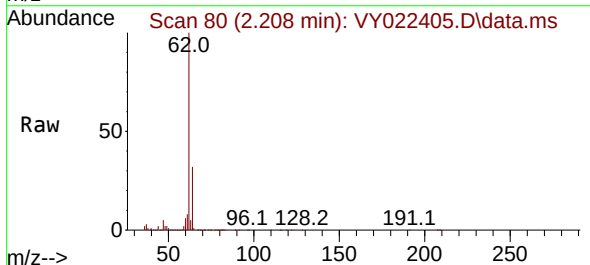
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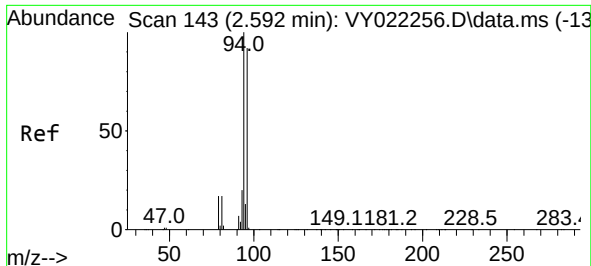
Tgt Ion: 50 Resp: 182588
Ion Ratio Lower Upper
50 100
52 33.3 26.5 39.7



#4
Vinyl Chloride
Concen: 57.898 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022405.D
Acq: 22 May 2025 18:49

Tgt Ion: 62 Resp: 224805
Ion Ratio Lower Upper
62 100
64 31.8 24.5 36.7

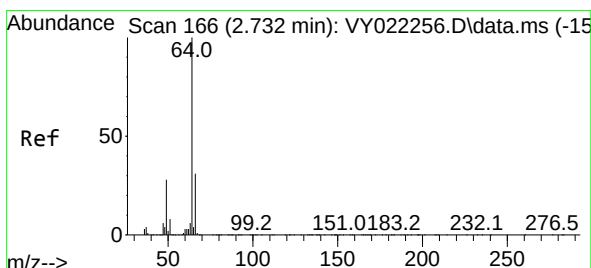
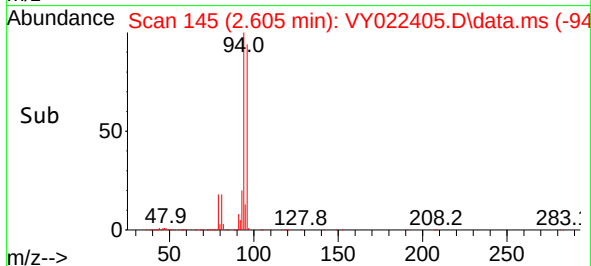
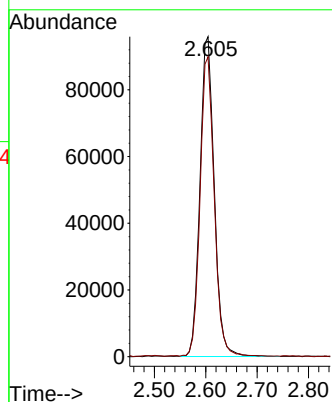
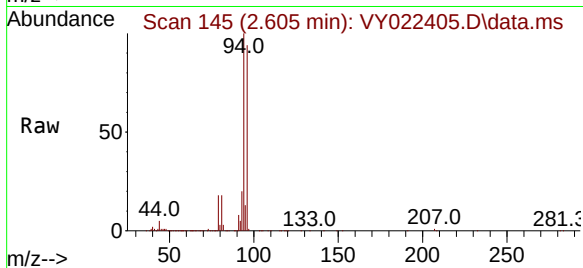




#5
Bromomethane
Concen: 58.464 ug/l
RT: 2.605 min Scan# 144
Delta R.T. 0.012 min
Lab File: VY022405.D
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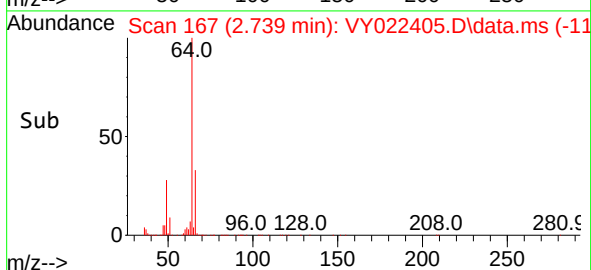
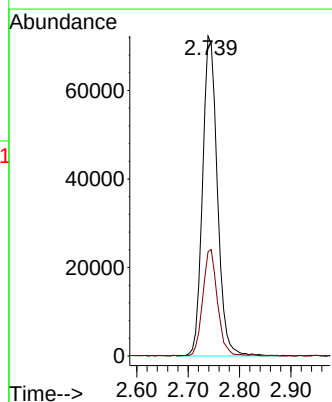
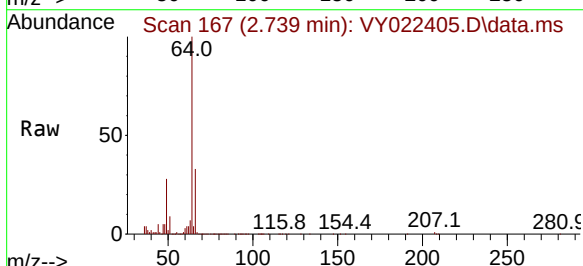
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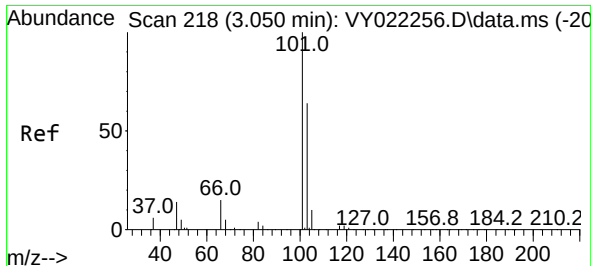
Tgt Ion: 94 Resp: 184793
Ion Ratio Lower Upper
94 100
96 93.6 73.4 110.0



#6
Chloroethane
Concen: 59.952 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY022405.D
Acq: 22 May 2025 18:49

Tgt Ion: 64 Resp: 144817
Ion Ratio Lower Upper
64 100
66 32.5 24.8 37.2

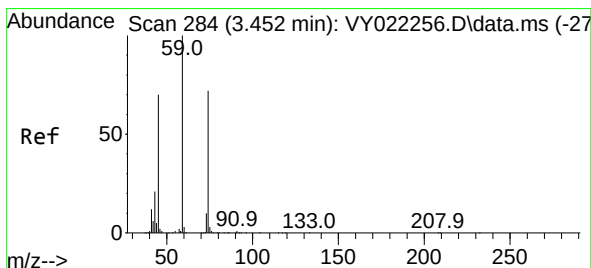
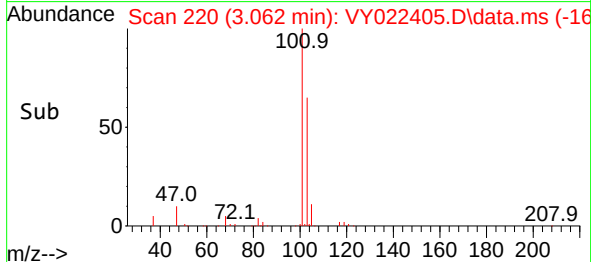
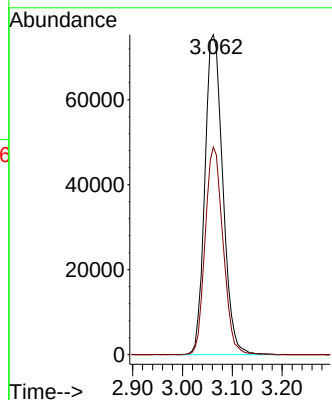
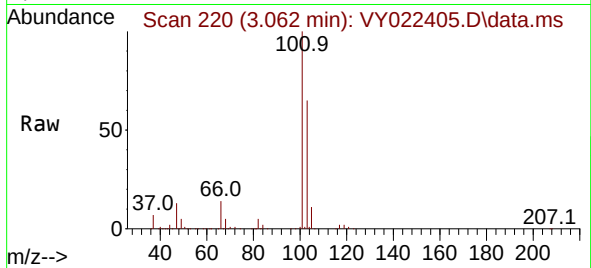




#7
 Trichlorofluoromethane
 Concen: 47.793 ug/l
 RT: 3.062 min Scan# 218
 Delta R.T. 0.012 min
 Lab File: VY022405.D
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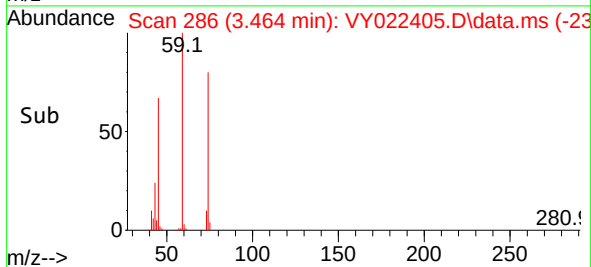
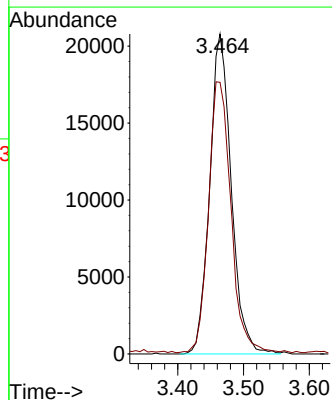
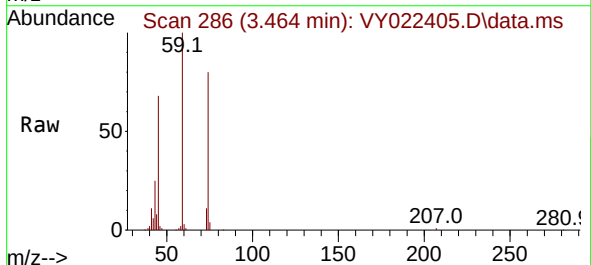
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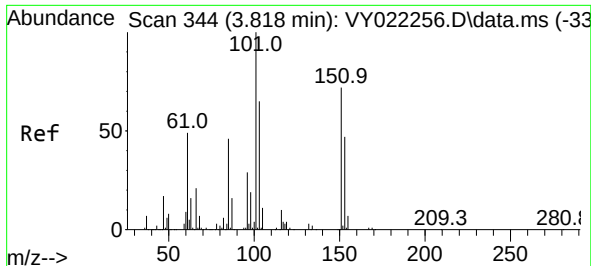
Tgt Ion:101 Resp: 187884
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.7 77.5



#8
 Diethyl Ether
 Concen: 50.317 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.012 min
 Lab File: VY022405.D
 Acq: 22 May 2025 18:49

Tgt Ion: 74 Resp: 47470
 Ion Ratio Lower Upper
 74 100
 45 88.1 48.6 145.8

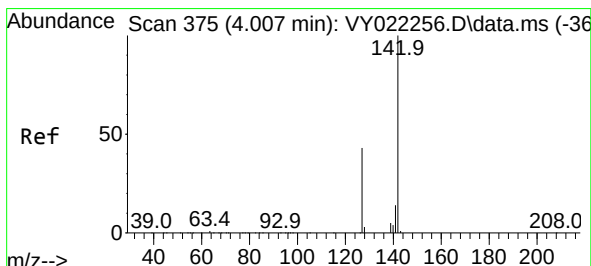
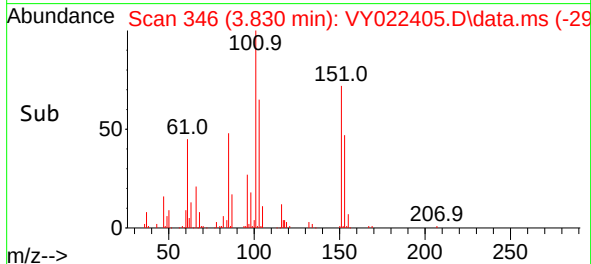
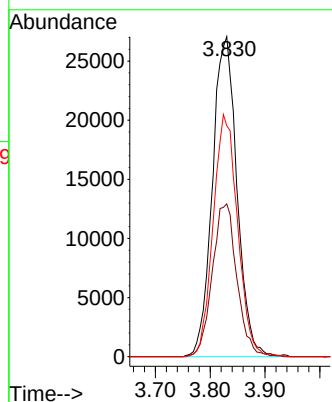
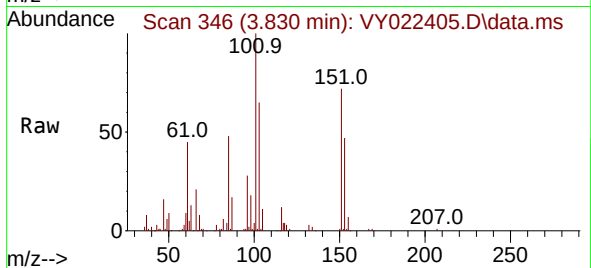




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.306 ug/l
RT: 3.830 min Scan# 344
Delta R.T. 0.012 min
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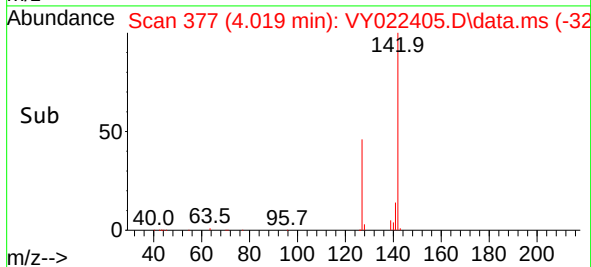
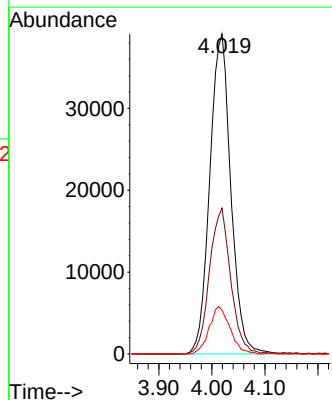
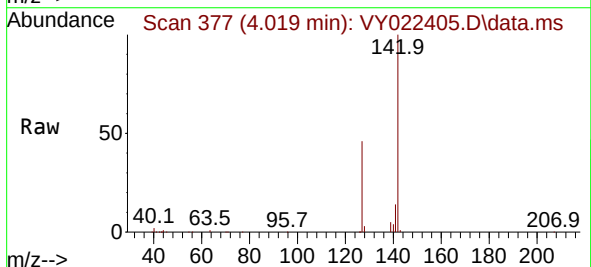
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

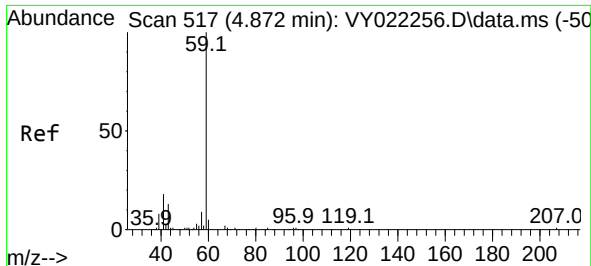
Tgt Ion:101 Resp: 84147
Ion Ratio Lower Upper
101 100
85 47.8 38.6 58.0
151 75.4 59.7 89.5



#10
Methyl Iodide
Concen: 54.558 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.012 min
Lab File: VY022405.D
Acq: 22 May 2025 18:49

Tgt Ion:142 Resp: 107766
Ion Ratio Lower Upper
142 100
127 45.9 35.7 53.5
141 14.6 11.1 16.7

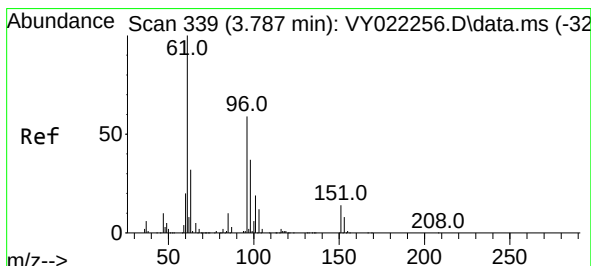
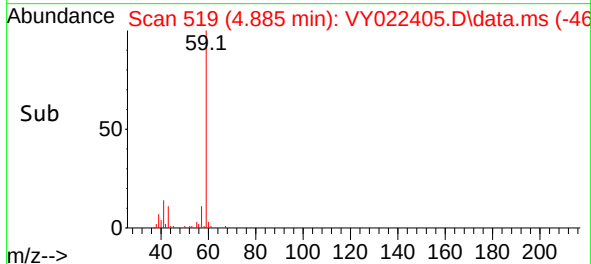
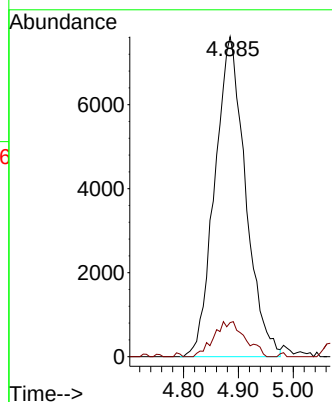
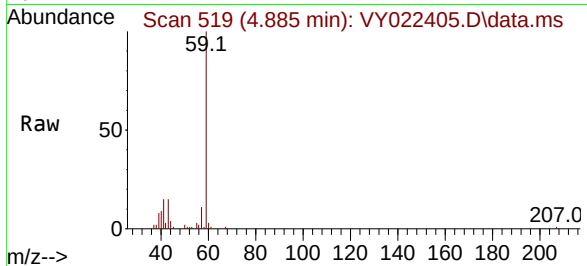




#11
Tert butyl alcohol
Concen: 224.261 ug/l
RT: 4.885 min Scan# 517
Delta R.T. 0.012 min
Lab File: VY022405.D
Acq: 22 May 2025 18:49

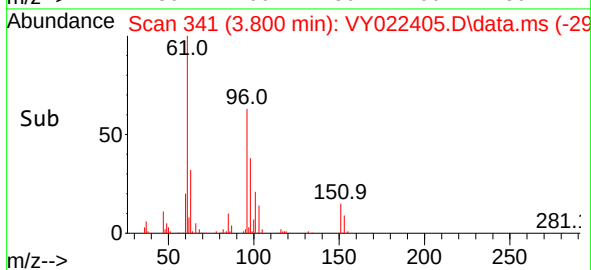
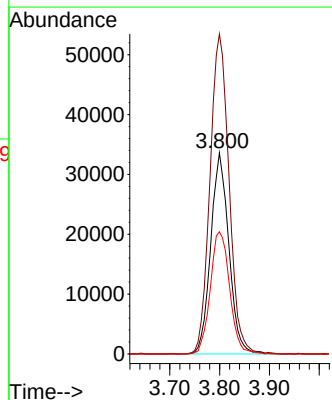
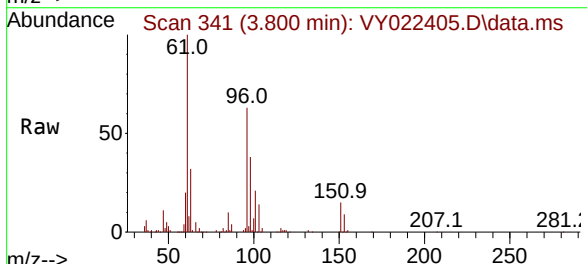
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

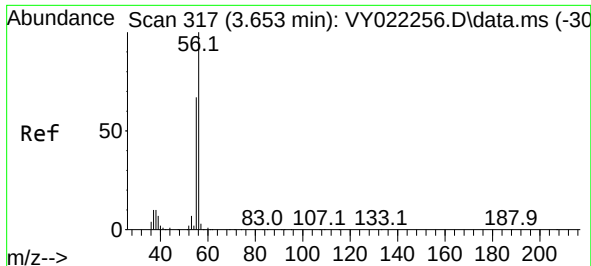
Tgt Ion: 59 Resp: 29634
Ion Ratio Lower Upper
59 100
57 11.1 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 50.137 ug/l
RT: 3.800 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY022405.D
Acq: 22 May 2025 18:49

Tgt Ion: 96 Resp: 84912
Ion Ratio Lower Upper
96 100
61 159.1 134.9 202.3
98 60.8 49.9 74.9

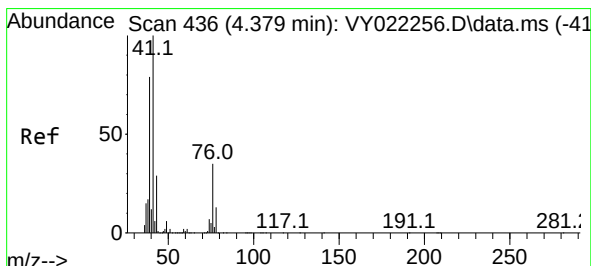
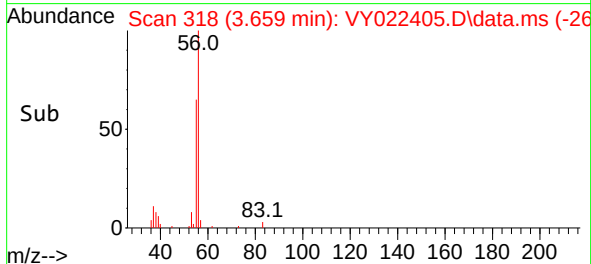
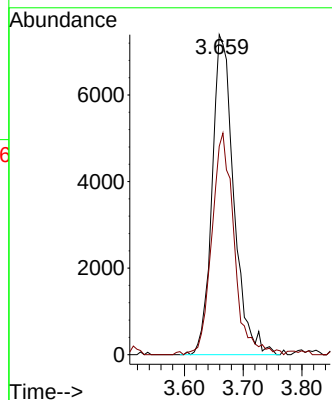
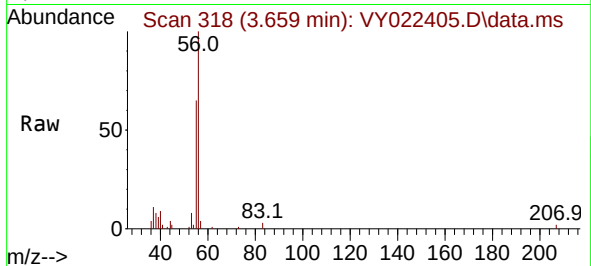




#13
Acrolein
Concen: 98.117 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY022405.D
Acq: 22 May 2025 18:49

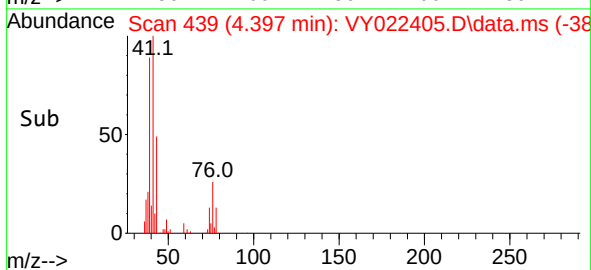
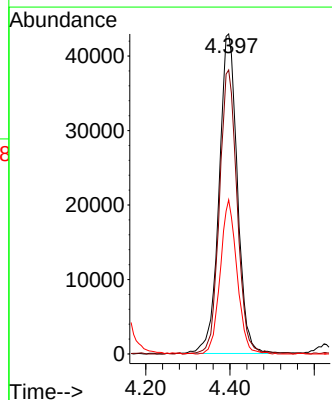
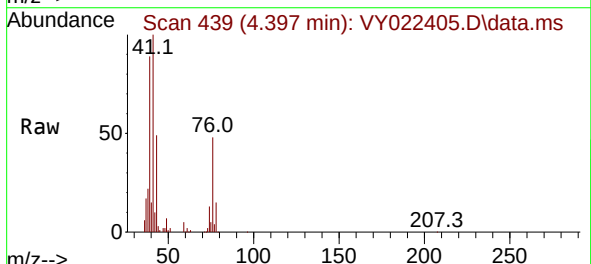
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

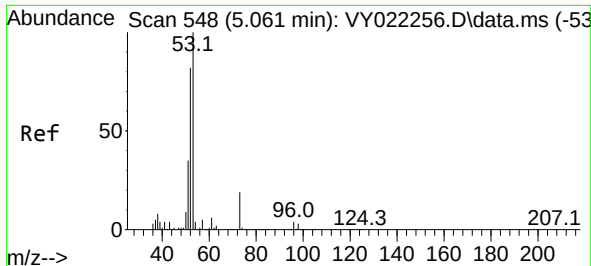
Tgt Ion: 56 Resp: 18954
Ion Ratio Lower Upper
56 100
55 70.9 55.6 83.4



#14
Allyl chloride
Concen: 43.390 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.018 min
Lab File: VY022405.D
Acq: 22 May 2025 18:49

Tgt Ion: 41 Resp: 128851
Ion Ratio Lower Upper
41 100
39 85.3 63.4 95.0
76 44.1 29.5 44.3

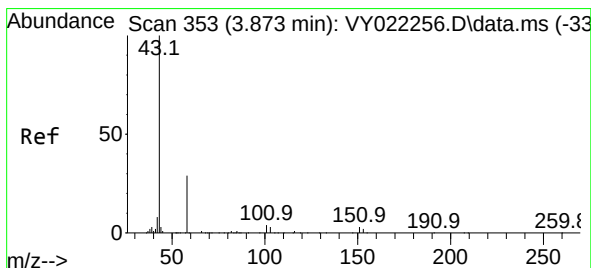
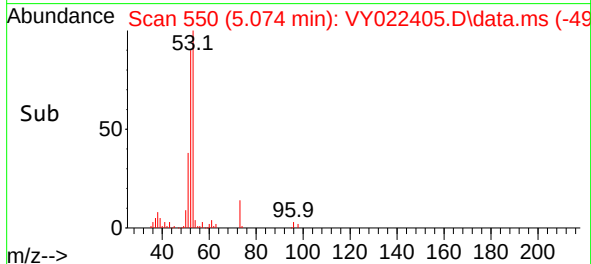
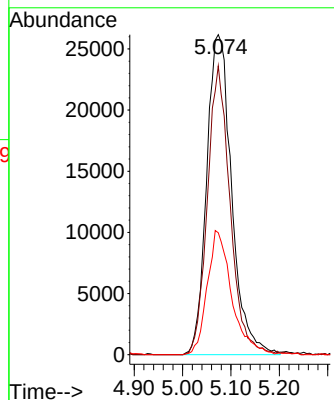
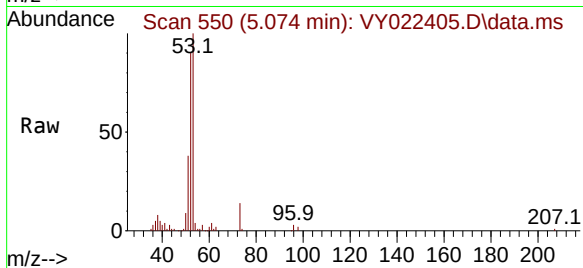




#15
Acrylonitrile
Concen: 241.192 ug/l
RT: 5.074 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY022405.D
Acq: 22 May 2025 18:49

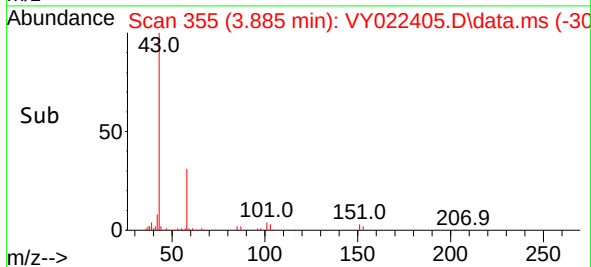
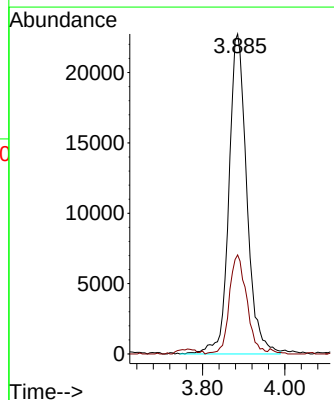
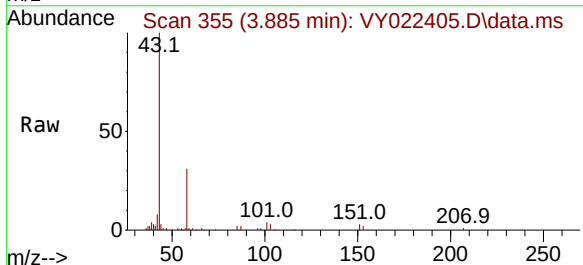
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

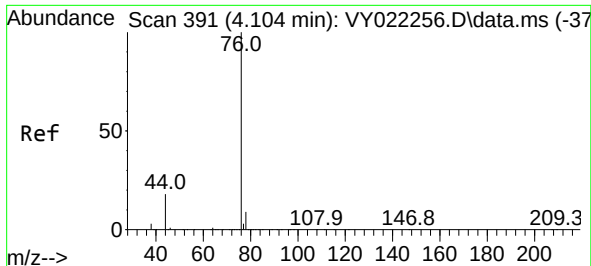
Tgt Ion: 53 Resp: 93760
Ion Ratio Lower Upper
53 100
52 82.0 66.1 99.1
51 38.1 30.0 45.0



#16
Acetone
Concen: 211.756 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.012 min
Lab File: VY022405.D
Acq: 22 May 2025 18:49

Tgt Ion: 43 Resp: 68707
Ion Ratio Lower Upper
43 100
58 30.5 23.6 35.4

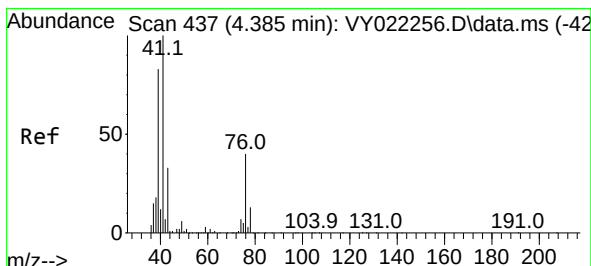
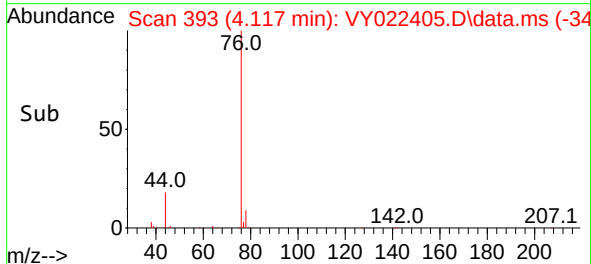
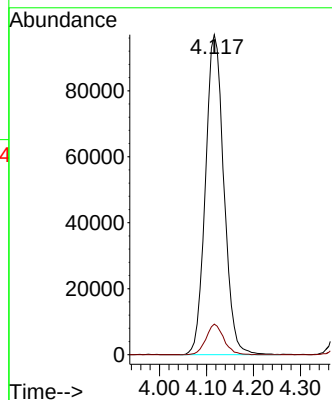
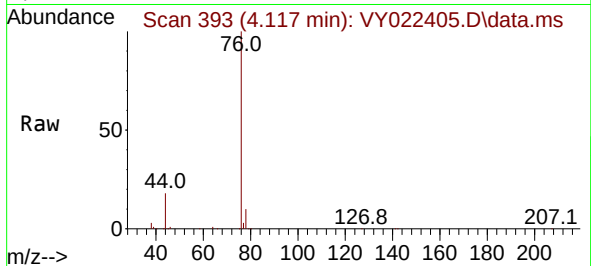




#17
Carbon Disulfide
Concen: 47.765 ug/l
RT: 4.117 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY022405.D
Acq: 22 May 2025 18:49

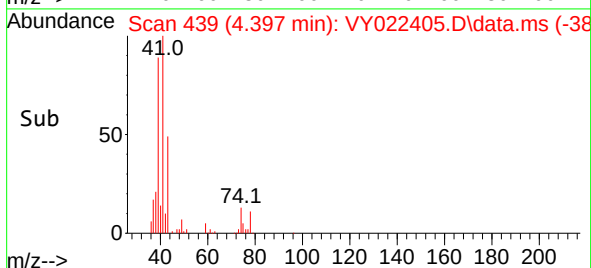
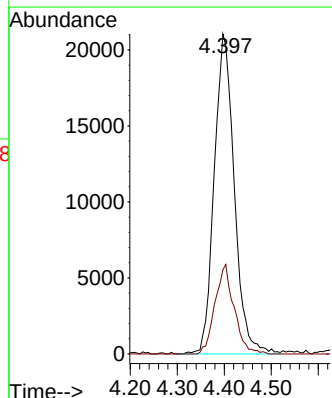
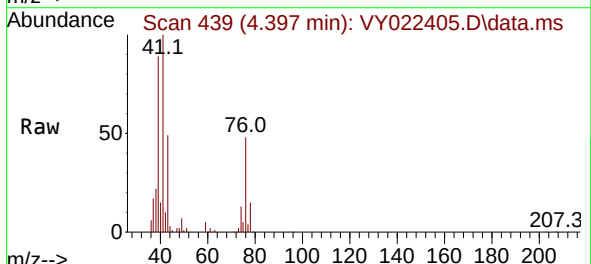
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

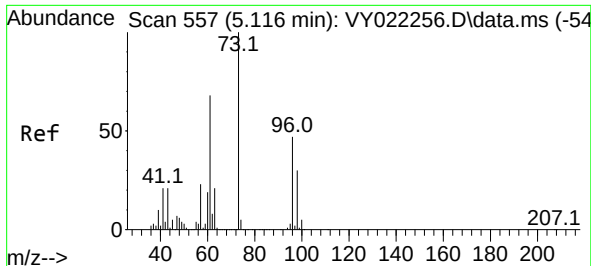
Tgt Ion: 76 Resp: 263794
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8



#18
Methyl Acetate
Concen: 61.062 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.012 min
Lab File: VY022405.D
Acq: 22 May 2025 18:49

Tgt Ion: 43 Resp: 62467
Ion Ratio Lower Upper
43 100
74 26.6 18.2 27.4





#19

Methyl tert-butyl Ether

Concen: 50.219 ug/l

RT: 5.129 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY022405.D

Acq: 22 May 2025 18:49

Instrument :

MSVOA_Y

ClientSampleId :

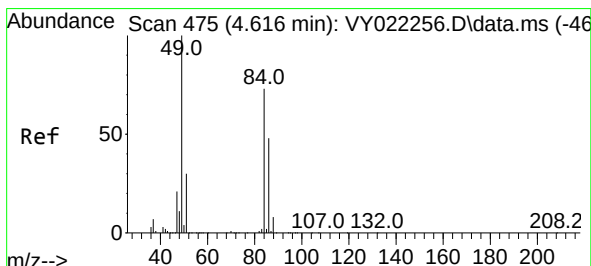
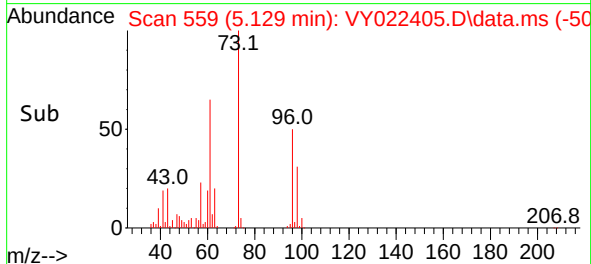
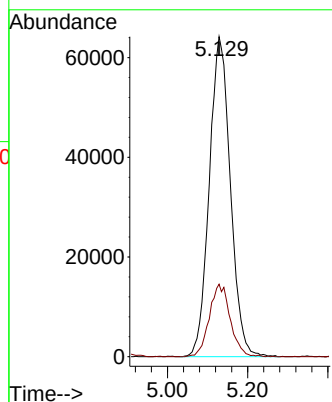
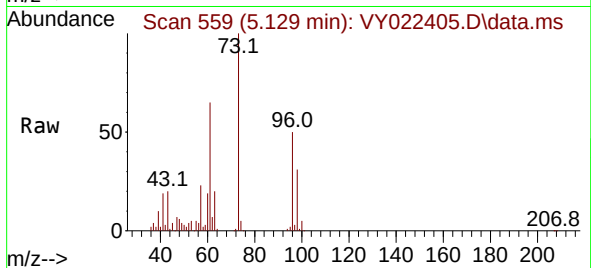
VSTDCCC050EC

Tgt Ion: 73 Resp: 234513

Ion Ratio Lower Upper

73 100

57 22.6 18.6 28.0



#20

Methylene Chloride

Concen: 46.231 ug/l

RT: 4.629 min Scan# 477

Delta R.T. 0.012 min

Lab File: VY022405.D

Acq: 22 May 2025 18:49

Tgt Ion: 84 Resp: 96927

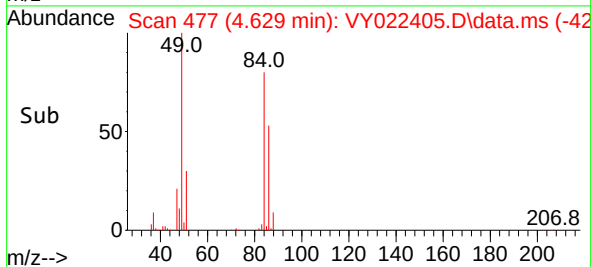
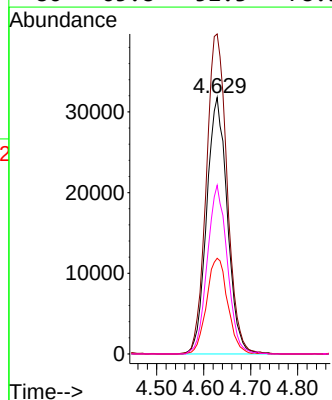
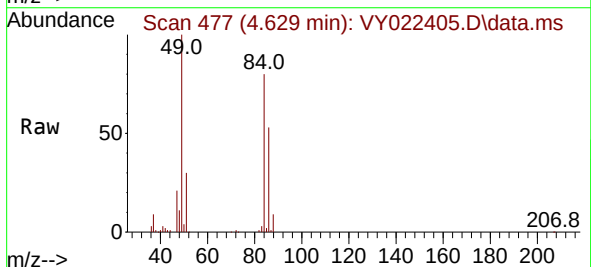
Ion Ratio Lower Upper

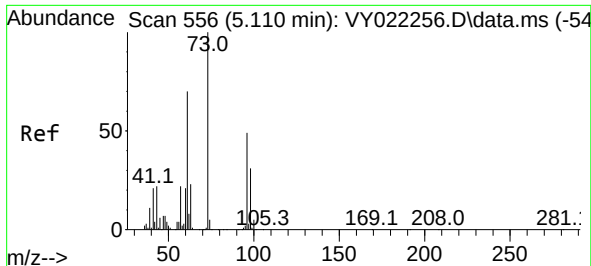
84 100

49 124.8 109.6 164.4

51 37.3 32.4 48.6

86 65.8 52.3 78.5

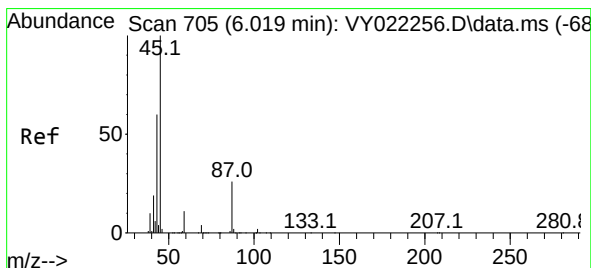
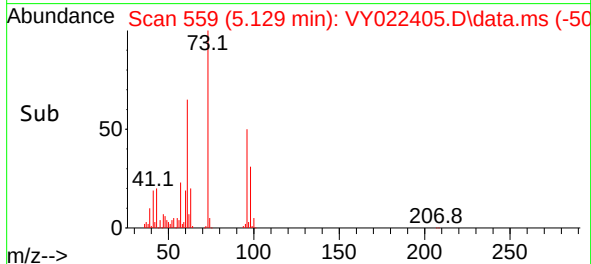
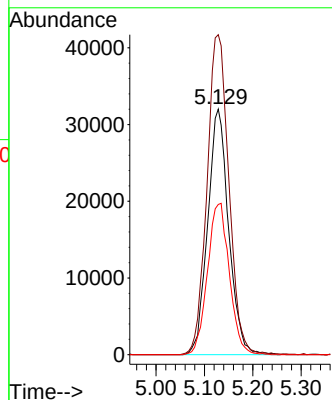
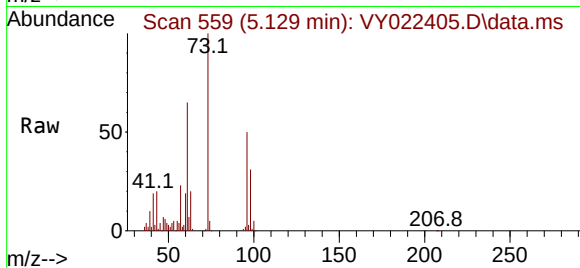




#21
trans-1,2-Dichloroethene
Concen: 51.579 ug/l
RT: 5.129 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY022405.D
Acq: 22 May 2025 18:49

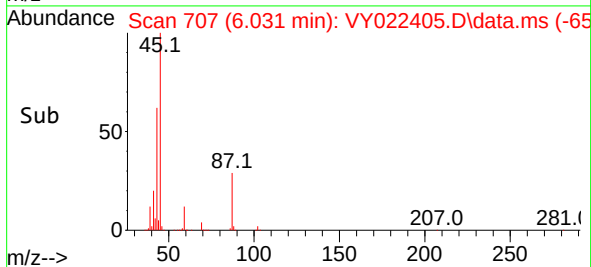
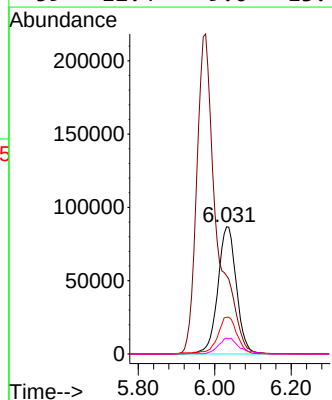
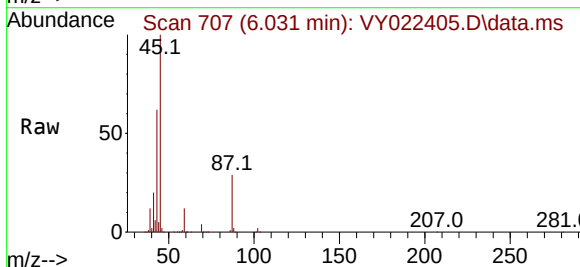
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

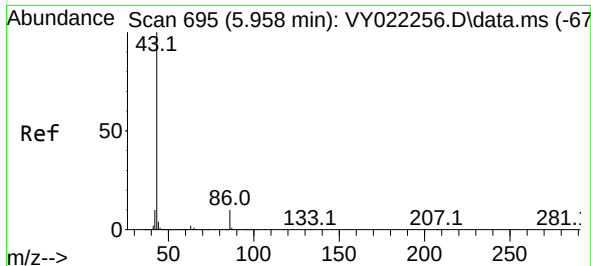
Tgt Ion: 96 Resp: 96420
Ion Ratio Lower Upper
96 100
61 130.3 113.4 170.0
98 61.2 50.9 76.3



#22
Diisopropyl ether
Concen: 46.536 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.012 min
Lab File: VY022405.D
Acq: 22 May 2025 18:49

Tgt Ion: 45 Resp: 291831
Ion Ratio Lower Upper
45 100
43 61.3 48.2 72.2
87 28.7 21.4 32.0
59 12.4 9.0 13.4

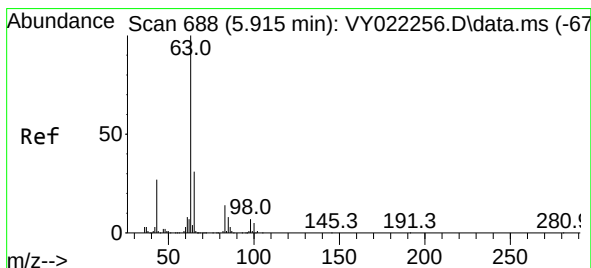
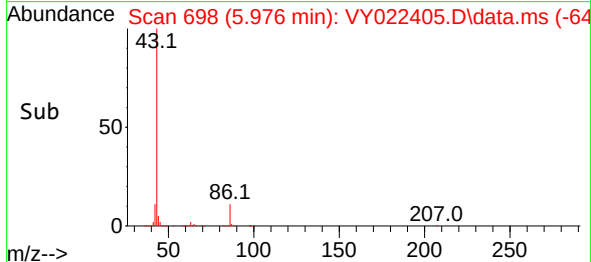
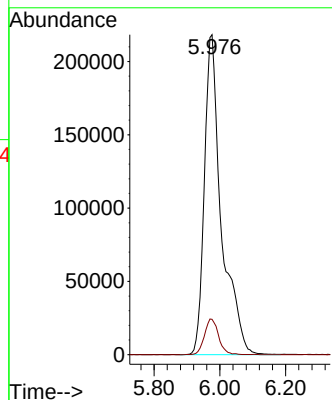
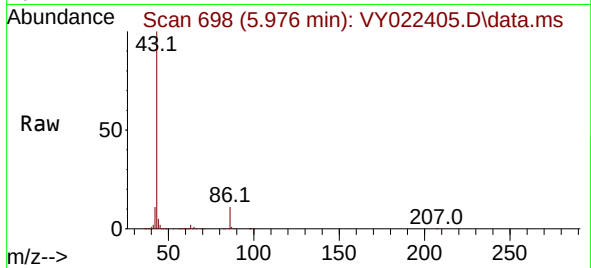




#23
 Vinyl Acetate
 Concen: 207.864 ug/l
 RT: 5.976 min Scan# 695
 Delta R.T. 0.018 min
 Lab File: VY022405.D
 Acq: 22 May 2025 18:49

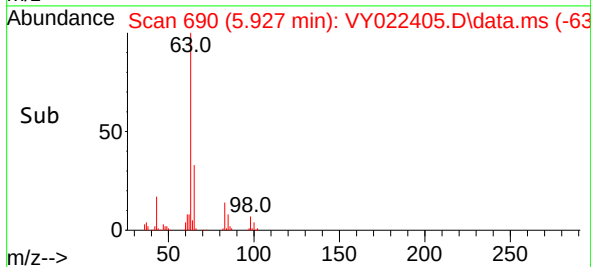
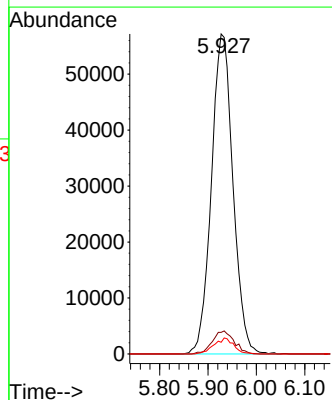
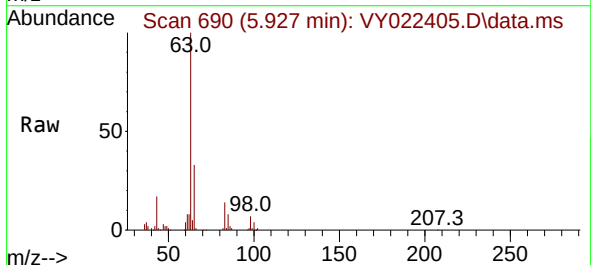
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

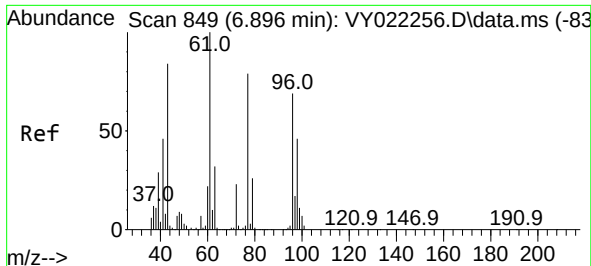
Tgt Ion: 43 Resp: 787519
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 50.548 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.012 min
 Lab File: VY022405.D
 Acq: 22 May 2025 18:49

Tgt Ion: 63 Resp: 177099
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.5
 100 3.7 2.4 7.2





#25

2-Butanone

Concen: 214.968 ug/l

RT: 6.909 min Scan# 81

Delta R.T. 0.012 min

Lab File: VY022405.D

Acq: 22 May 2025 18:49

Instrument :

MSVOA_Y

ClientSampleId :

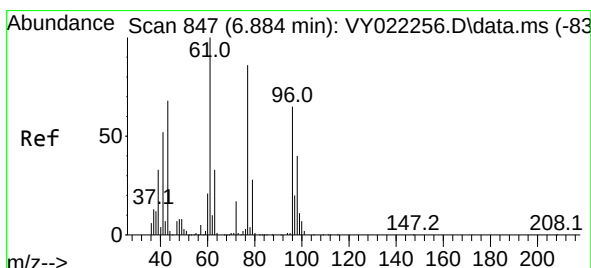
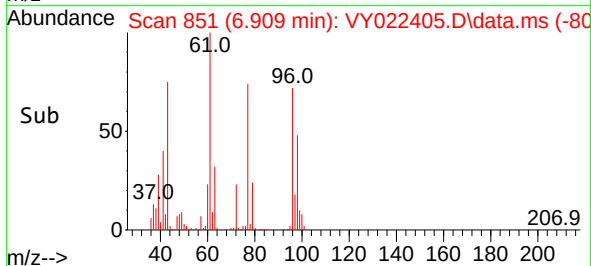
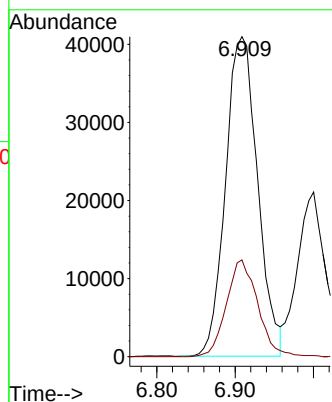
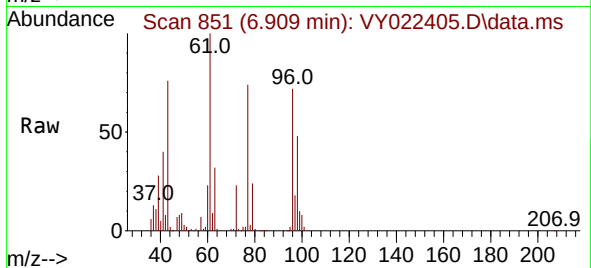
VSTDCCC050EC

Tgt Ion: 43 Resp: 116670

Ion Ratio Lower Upper

43 100

72 30.3 22.1 33.1



#26

2,2-Dichloropropane

Concen: 45.010 ug/l

RT: 6.897 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY022405.D

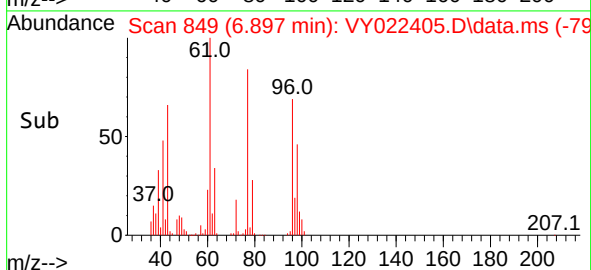
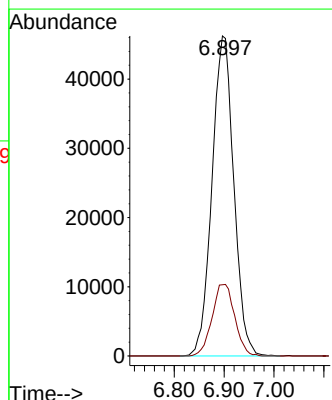
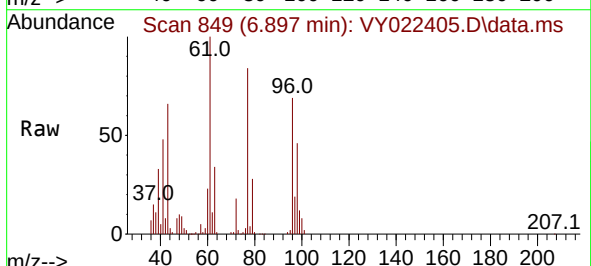
Acq: 22 May 2025 18:49

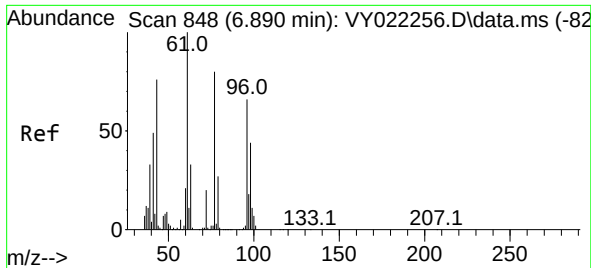
Tgt Ion: 77 Resp: 140259

Ion Ratio Lower Upper

77 100

97 23.2 11.2 33.5



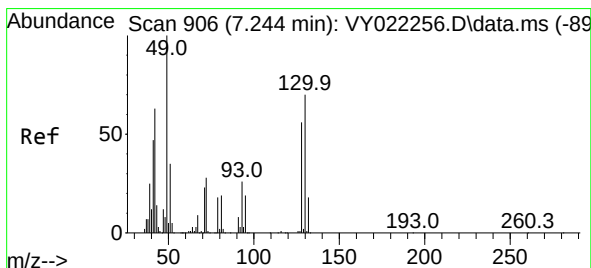
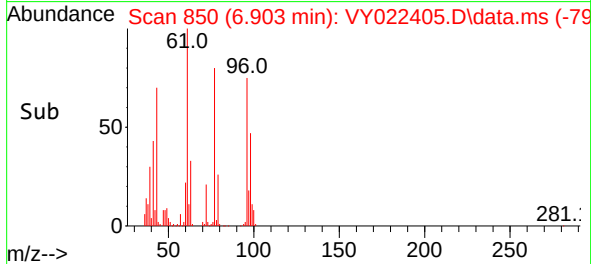
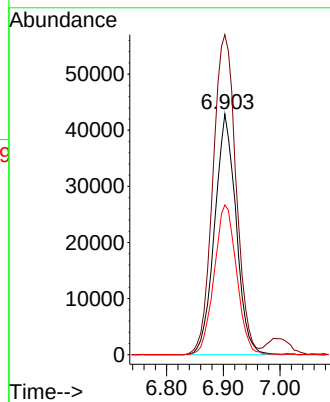
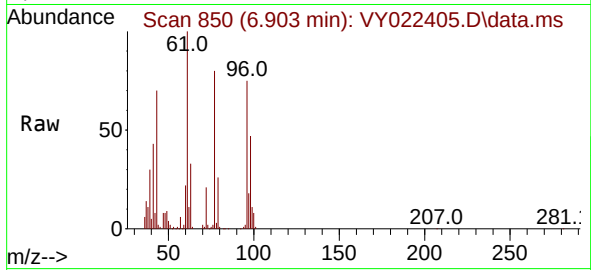


#27
 cis-1,2-Dichloroethene
 Concen: 52.233 ug/l
 RT: 6.903 min Scan# 848
 Delta R.T. 0.012 min
 Lab File: VY022405.D
 Acq: 22 May 2025 18:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 112677

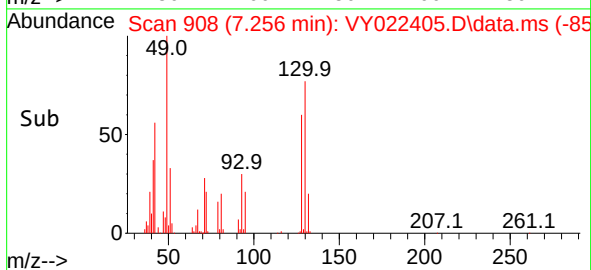
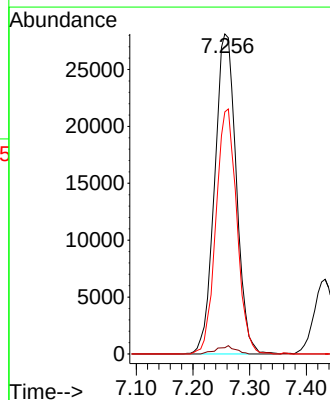
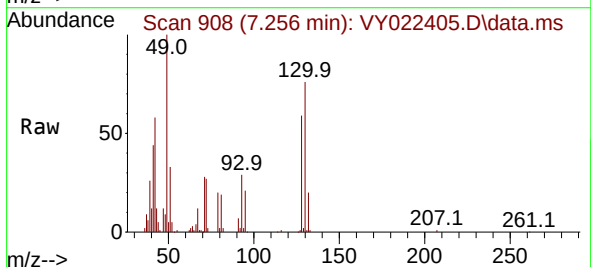
Ion	Ratio	Lower	Upper
96	100		
61	143.1	0.0	302.6
98	65.1	0.0	128.8

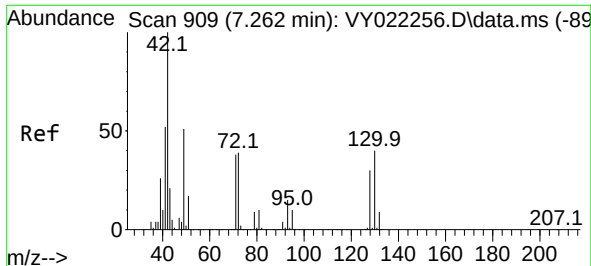


#28
 Bromochloromethane
 Concen: 49.838 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. 0.012 min
 Lab File: VY022405.D
 Acq: 22 May 2025 18:49

Tgt Ion: 49 Resp: 74479

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	3.6
130	73.8	54.7	82.1

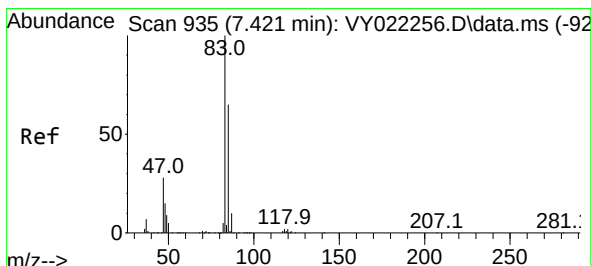
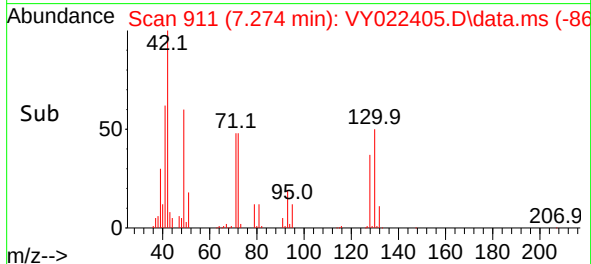
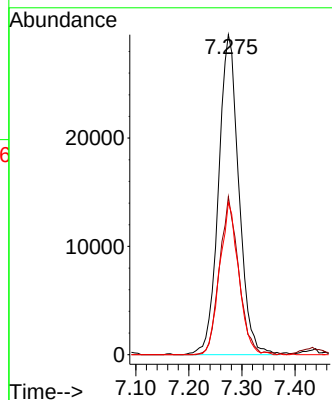
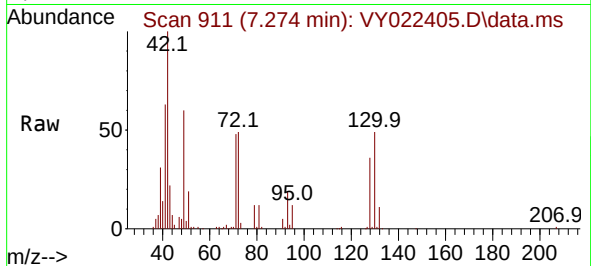




#29
Tetrahydrofuran
Concen: 225.238 ug/l
RT: 7.274 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY022405.D
Acq: 22 May 2025 18:49

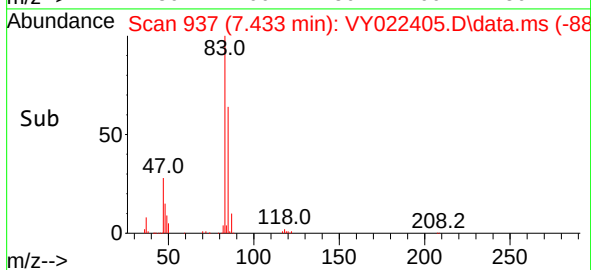
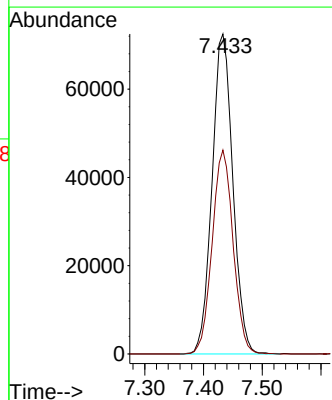
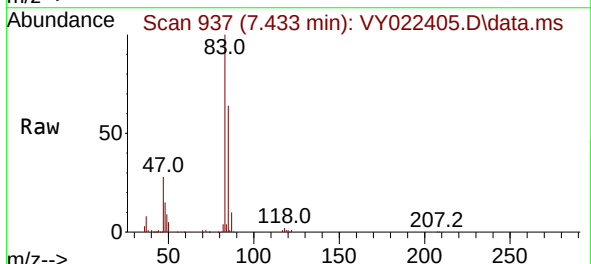
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

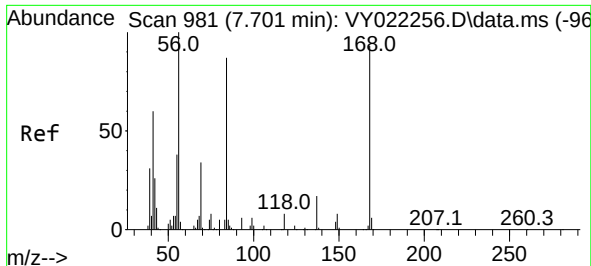
Tgt Ion: 42 Resp: 78646
Ion Ratio Lower Upper
42 100
72 46.8 33.8 50.6
71 44.8 31.5 47.3



#30
Chloroform
Concen: 52.987 ug/l
RT: 7.433 min Scan# 937
Delta R.T. 0.012 min
Lab File: VY022405.D
Acq: 22 May 2025 18:49

Tgt Ion: 83 Resp: 178067
Ion Ratio Lower Upper
83 100
85 63.7 51.8 77.8

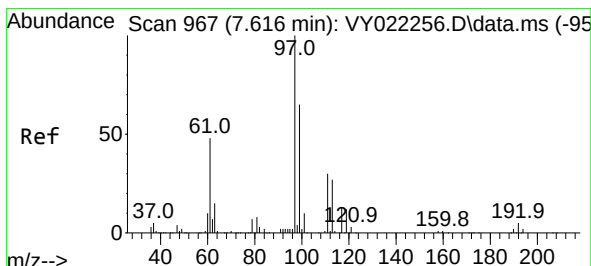
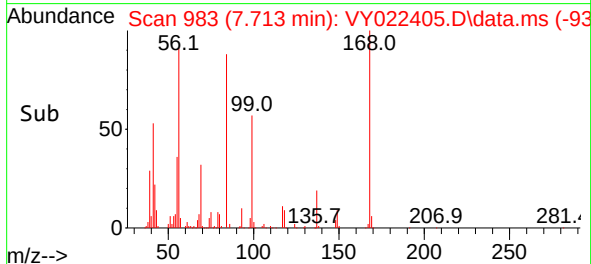
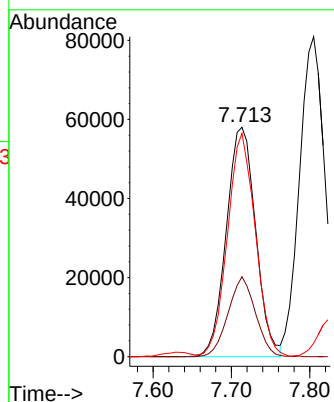
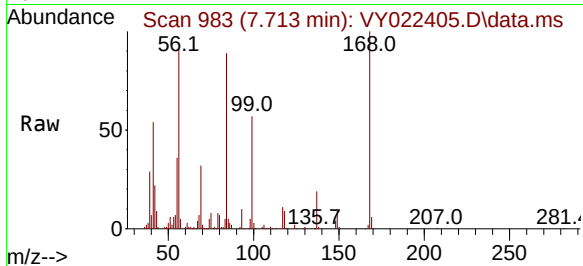




#31
Cyclohexane
Concen: 43.136 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY022405.D
Acq: 22 May 2025 18:49

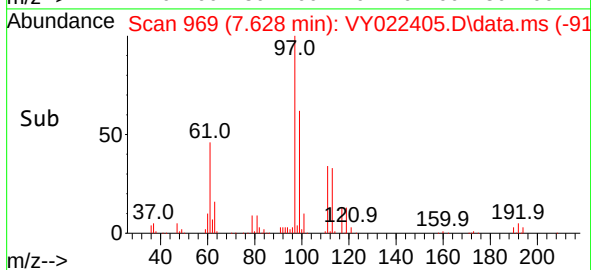
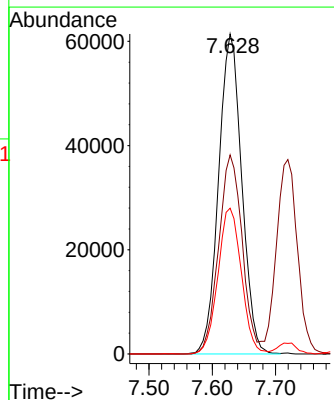
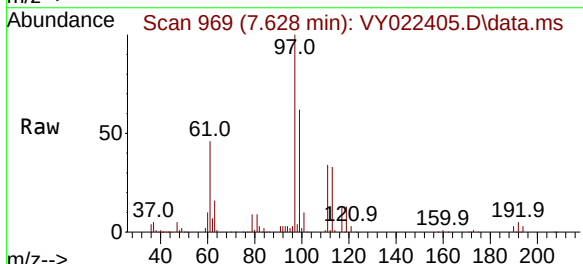
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

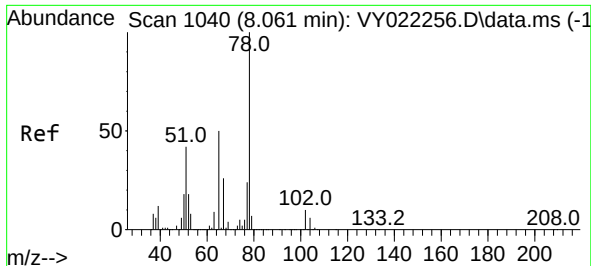
Tgt Ion: 56 Resp: 150998
Ion Ratio Lower Upper
56 100
69 34.9 27.4 41.2
84 95.5 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 50.547 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY022405.D
Acq: 22 May 2025 18:49

Tgt Ion: 97 Resp: 155844
Ion Ratio Lower Upper
97 100
99 63.3 51.4 77.0
61 46.2 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 53.464 ug/l

RT: 8.073 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY022405.D

Acq: 22 May 2025 18:49

Instrument :

MSVOA_Y

ClientSampleId :

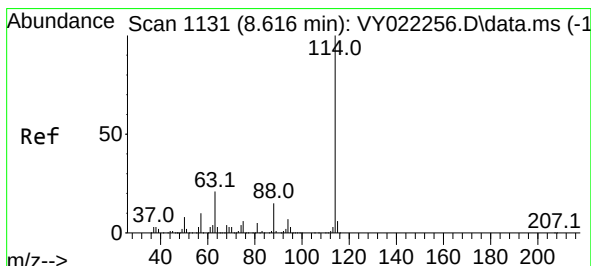
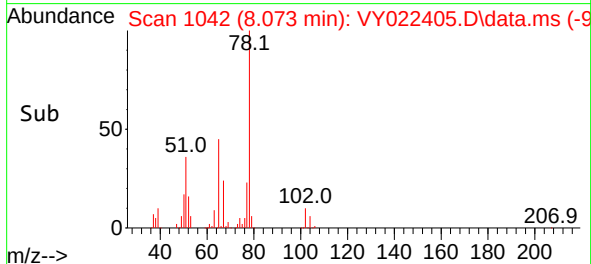
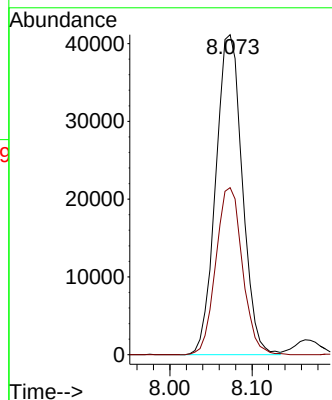
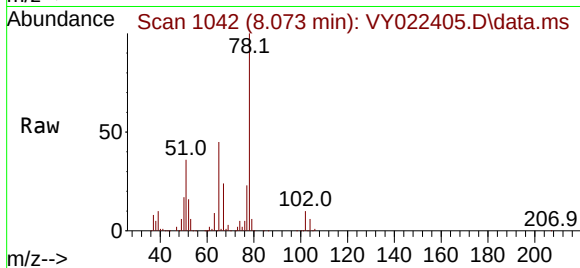
VSTDCCC050EC

Tgt Ion: 65 Resp: 92514

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY022405.D

Acq: 22 May 2025 18:49

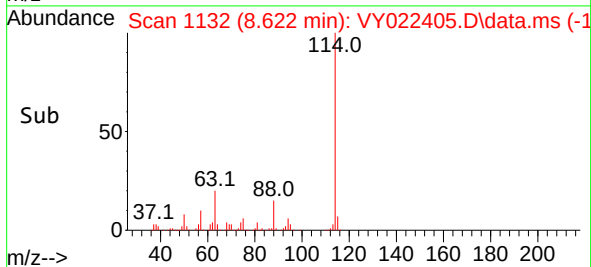
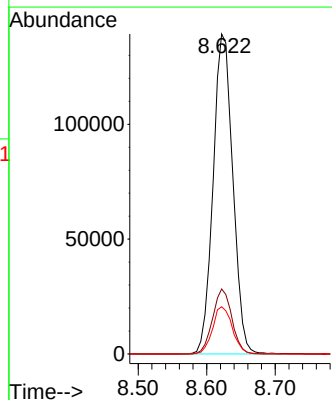
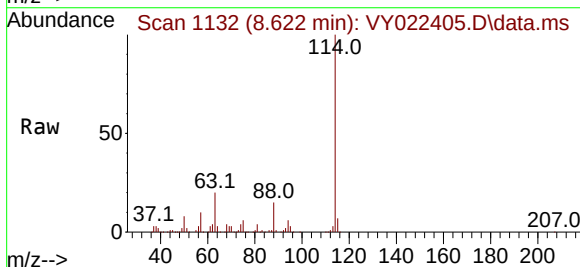
Tgt Ion: 114 Resp: 277918

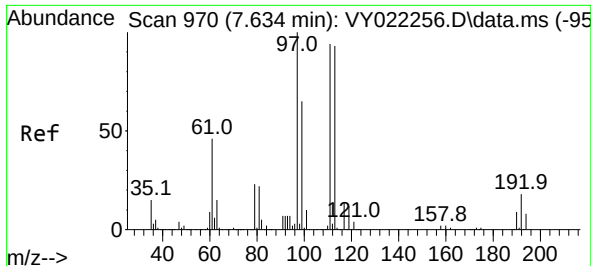
Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.0

88 14.8 0.0 29.4

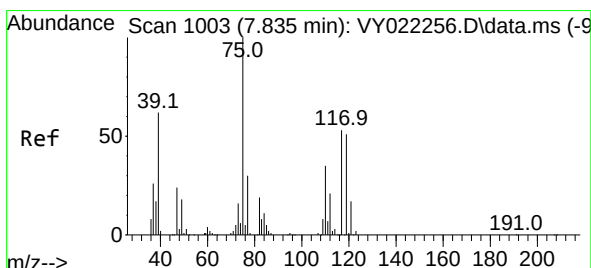
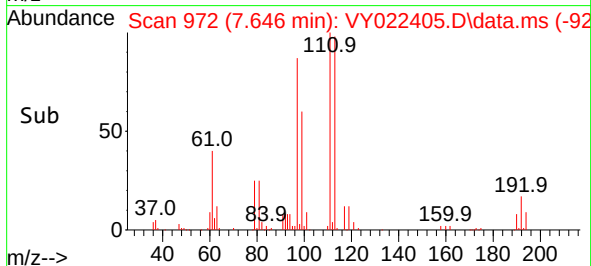
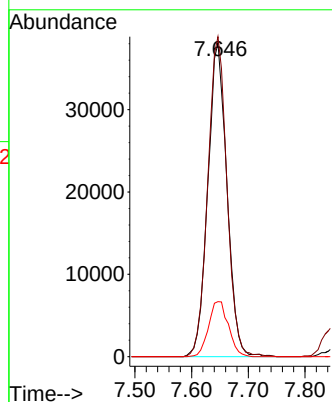
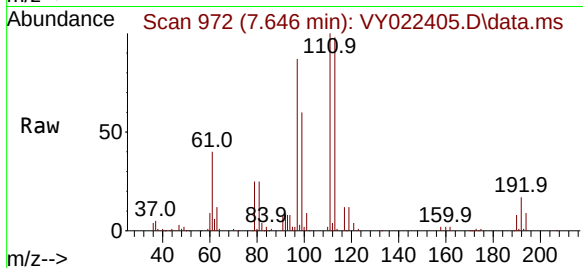




#35
Dibromofluoromethane
Concen: 53.655 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY022405.D
Acq: 22 May 2025 18:49

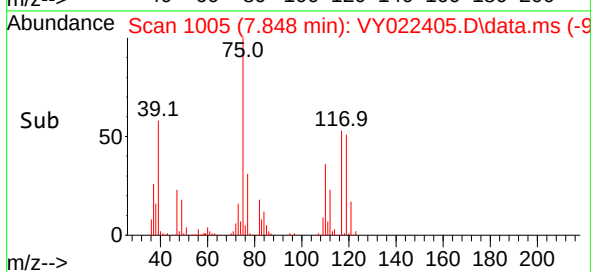
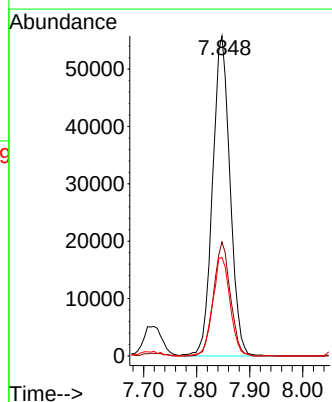
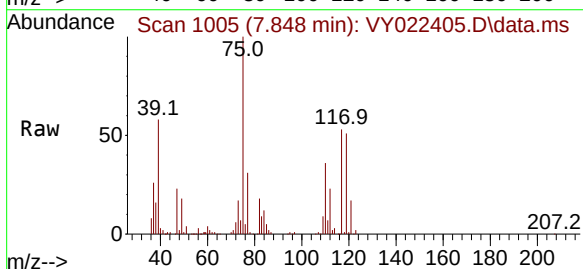
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

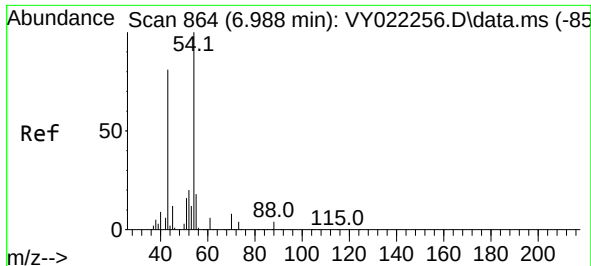
Tgt Ion:113 Resp: 89001
Ion Ratio Lower Upper
113 100
111 102.2 82.6 123.8
192 18.3 15.2 22.8



#36
1,1-Dichloropropene
Concen: 46.612 ug/l
RT: 7.848 min Scan# 1005
Delta R.T. 0.012 min
Lab File: VY022405.D
Acq: 22 May 2025 18:49

Tgt Ion: 75 Resp: 127354
Ion Ratio Lower Upper
75 100
110 34.2 16.6 49.8
77 30.8 24.6 37.0





#37

Ethyl Acetate

Concen: 41.449 ug/l

RT: 7.000 min Scan# 80

Delta R.T. 0.012 min

Lab File: VY022405.D

Acq: 22 May 2025 18:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

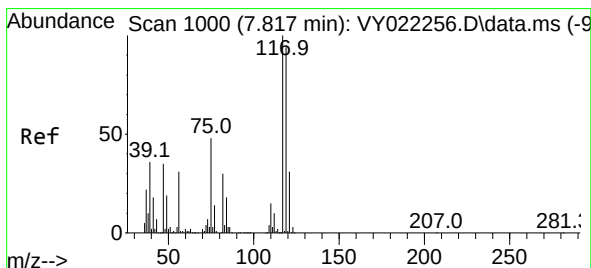
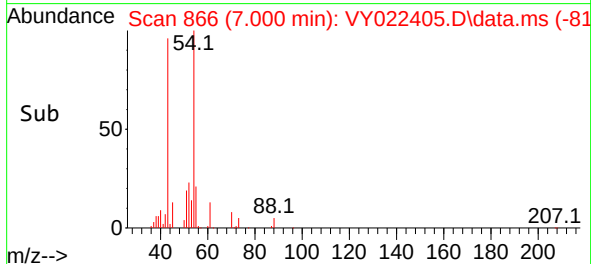
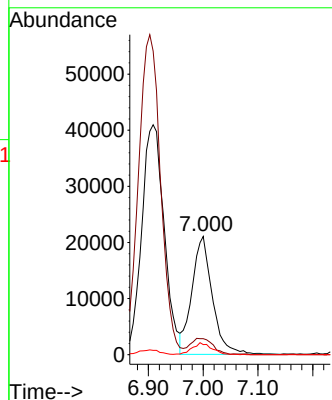
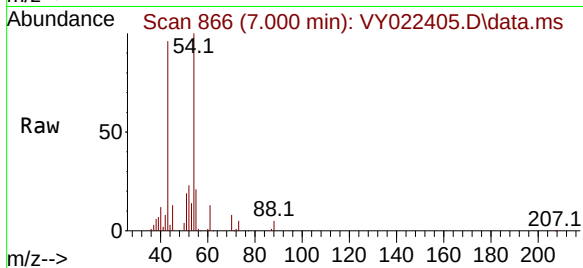
Tgt Ion: 43 Resp: 54489

Ion Ratio Lower Upper

43 100

61 14.5 10.2 15.2

70 9.8 7.6 11.4



#38

Carbon Tetrachloride

Concen: 46.941 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.012 min

Lab File: VY022405.D

Acq: 22 May 2025 18:49

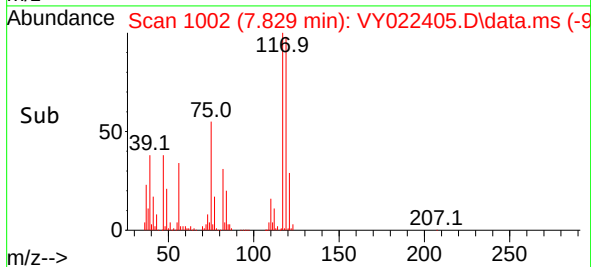
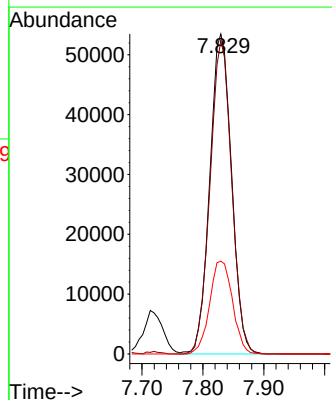
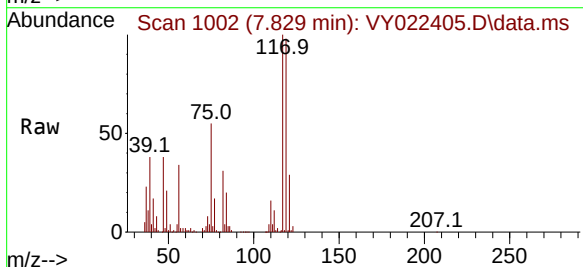
Tgt Ion: 117 Resp: 132756

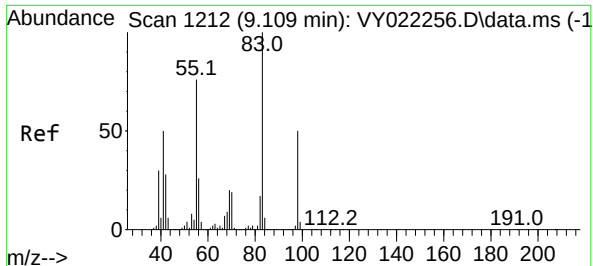
Ion Ratio Lower Upper

117 100

119 98.0 75.3 112.9

121 29.0 24.7 37.1





#39

Methylcyclohexane

Concen: 44.971 ug/l

RT: 9.116 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022405.D

Acq: 22 May 2025 18:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

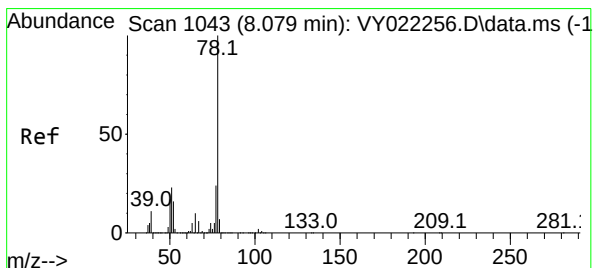
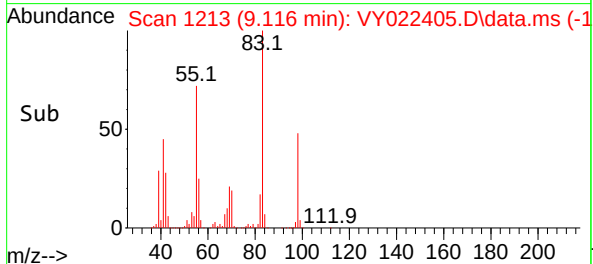
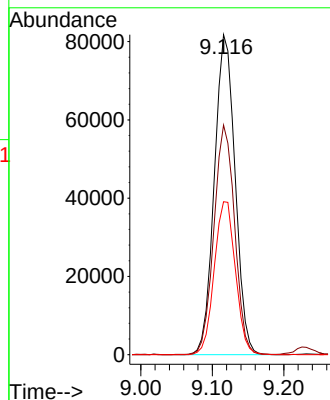
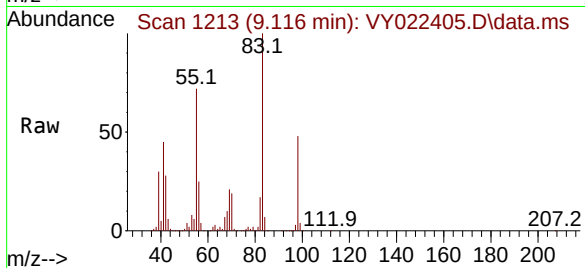
Tgt Ion: 83 Resp: 165073

Ion Ratio Lower Upper

83 100

55 71.6 60.6 90.8

98 47.8 40.0 60.0



#40

Benzene

Concen: 49.429 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.012 min

Lab File: VY022405.D

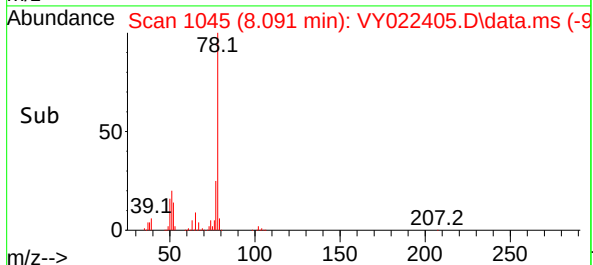
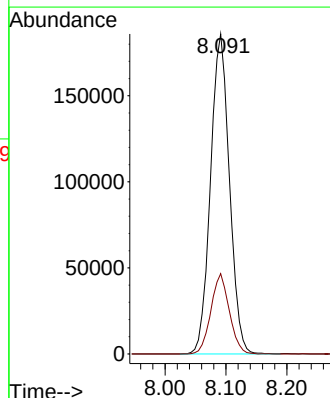
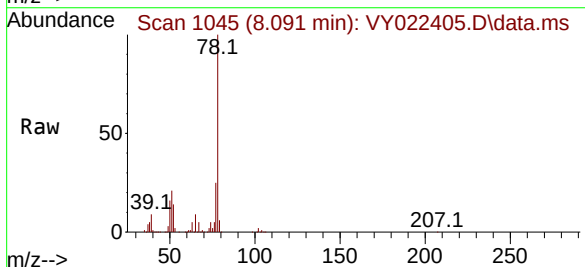
Acq: 22 May 2025 18:49

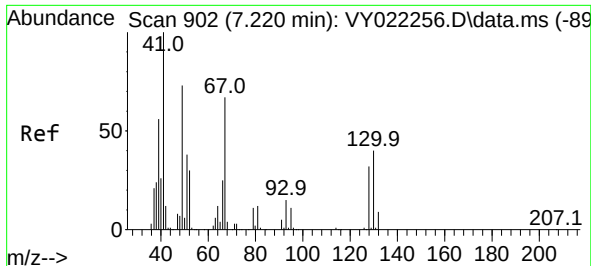
Tgt Ion: 78 Resp: 400359

Ion Ratio Lower Upper

78 100

77 25.1 18.9 28.3

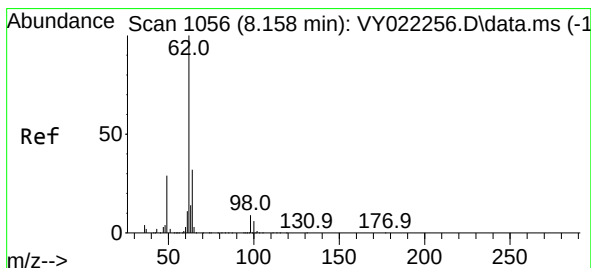
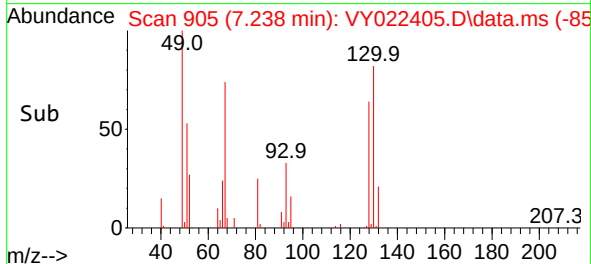
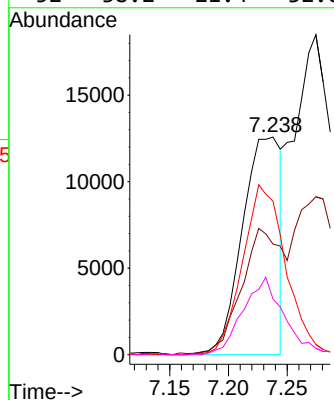
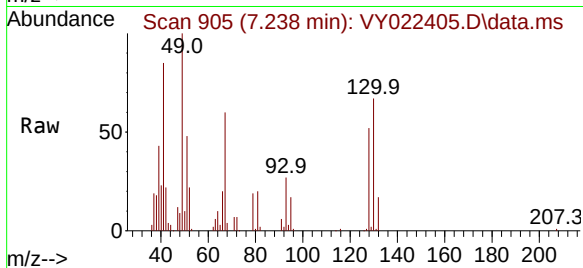




#41
Methacrylonitrile
Concen: 32.946 ug/l
RT: 7.238 min Scan# 905
Delta R.T. 0.018 min
Lab File: VY022405.D
Acq: 22 May 2025 18:49

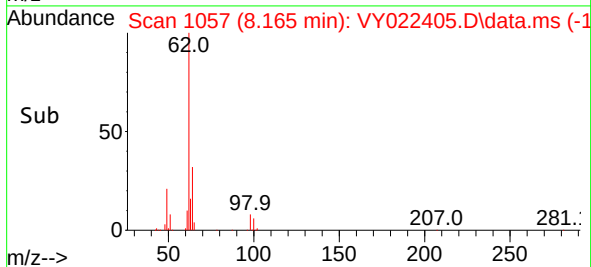
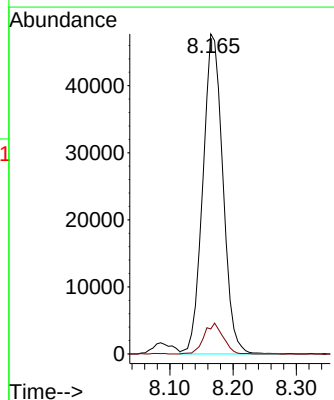
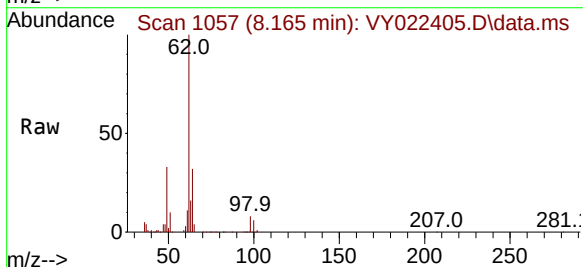
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

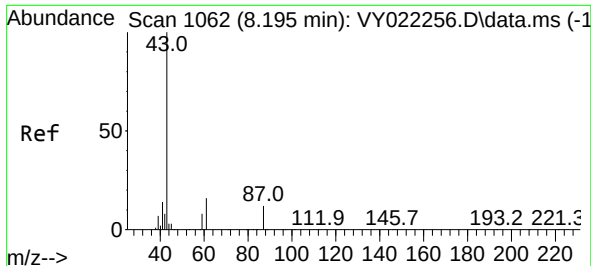
Tgt Ion: 41 Resp: 28730
Ion Ratio Lower Upper
41 100
39 63.7 39.1 58.7#
67 88.1 47.1 70.7#
52 38.2 21.4 32.0#



#42
1,2-Dichloroethane
Concen: 47.934 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY022405.D
Acq: 22 May 2025 18:49

Tgt Ion: 62 Resp: 104992
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.4

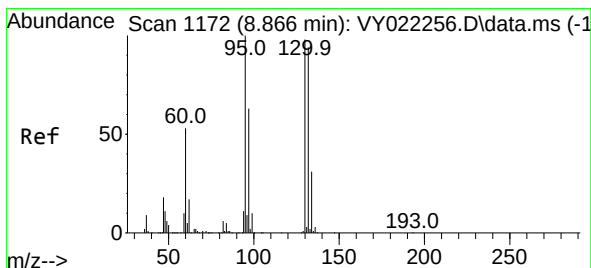
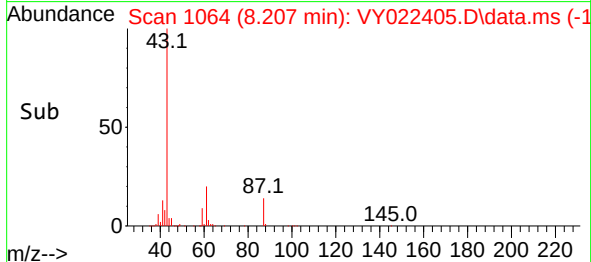
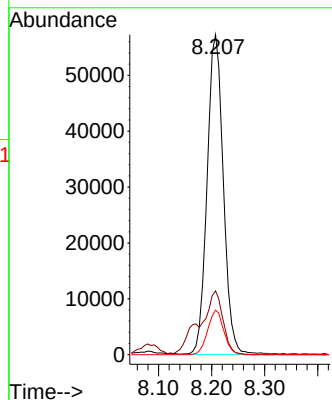
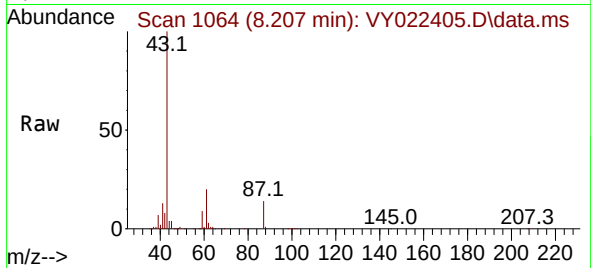




#43
Isopropyl Acetate
Concen: 42.381 ug/l
RT: 8.207 min Scan# 1106
Delta R.T. 0.012 min
Lab File: VY022405.D
Acq: 22 May 2025 18:49

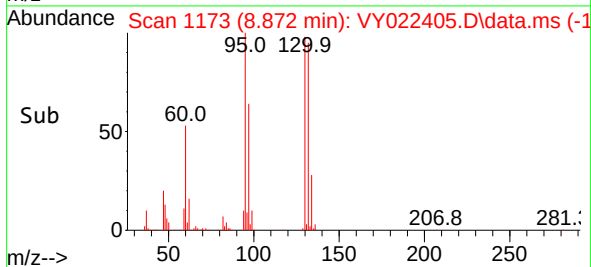
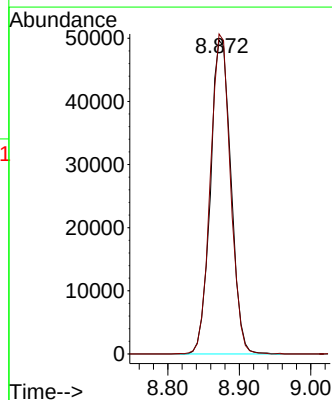
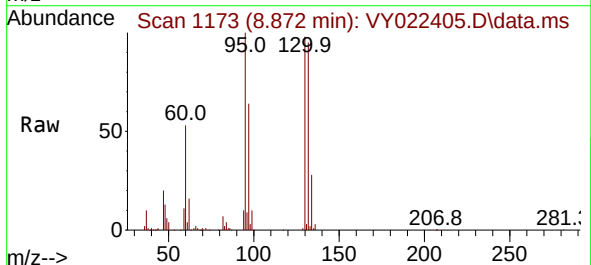
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

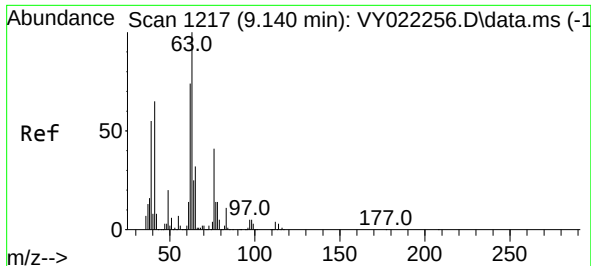
Tgt Ion: 43 Resp: 121506
Ion Ratio Lower Upper
43 100
61 28.7 15.1 22.7#
87 13.8 9.7 14.5



#44
Trichloroethene
Concen: 49.133 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY022405.D
Acq: 22 May 2025 18:49

Tgt Ion:130 Resp: 98950
Ion Ratio Lower Upper
130 100
95 101.9 0.0 204.8





#45

1,2-Dichloropropane

Concen: 48.275 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.012 min

Lab File: VY022405.D

Acq: 22 May 2025 18:49

Instrument :

MSVOA_Y

ClientSampleId :

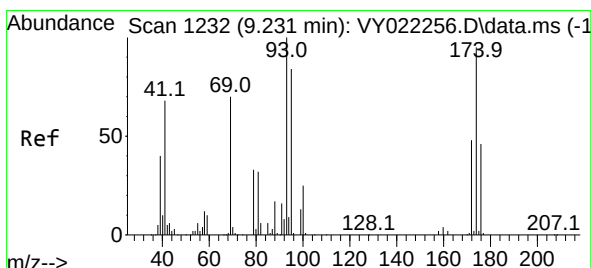
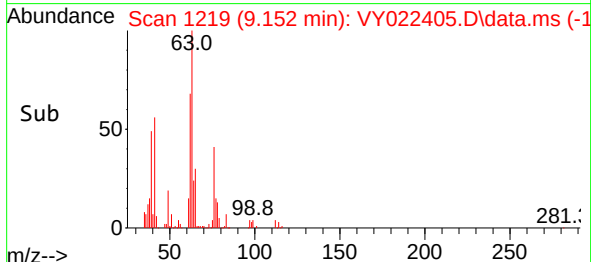
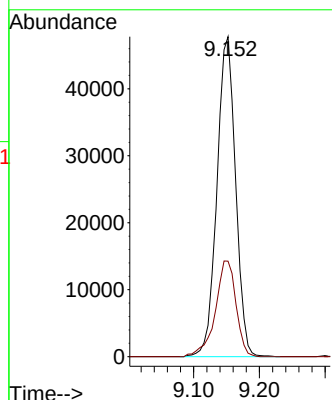
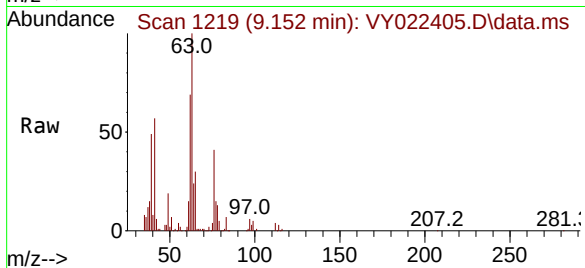
VSTDCCC050EC

Tgt Ion: 63 Resp: 94269

Ion Ratio Lower Upper

63 100

65 29.8 25.7 38.5



#46

Dibromomethane

Concen: 49.224 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY022405.D

Acq: 22 May 2025 18:49

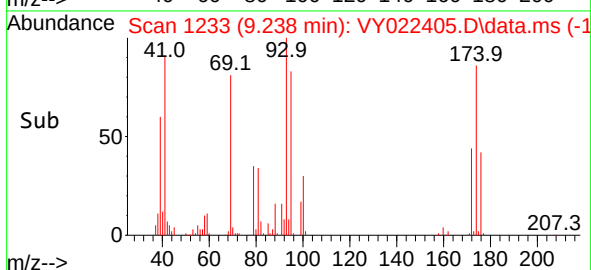
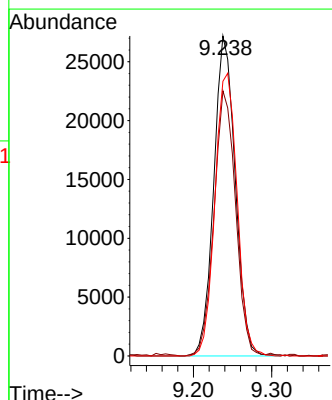
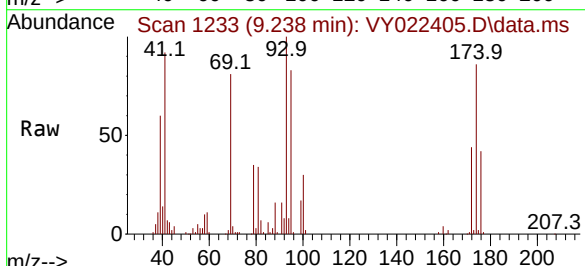
Tgt Ion: 93 Resp: 51844

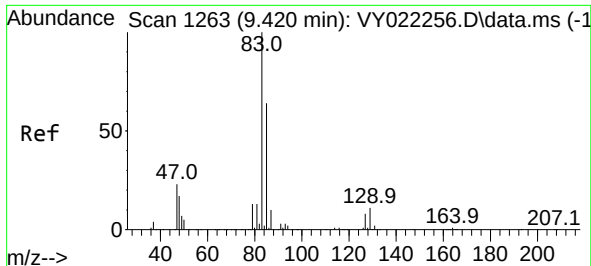
Ion Ratio Lower Upper

93 100

95 83.0 65.2 97.8

174 90.8 74.3 111.5

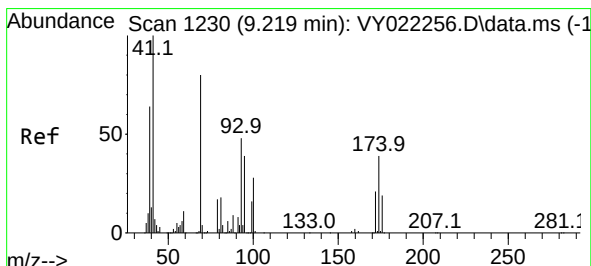
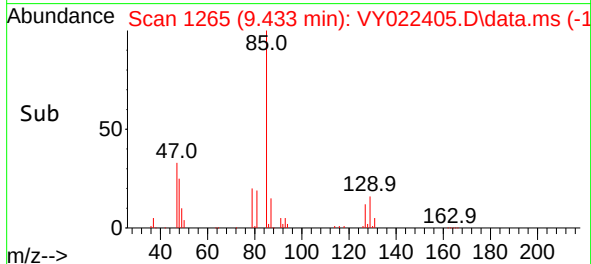
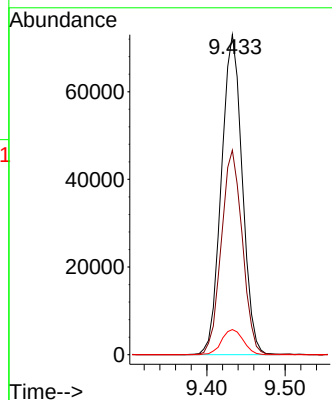
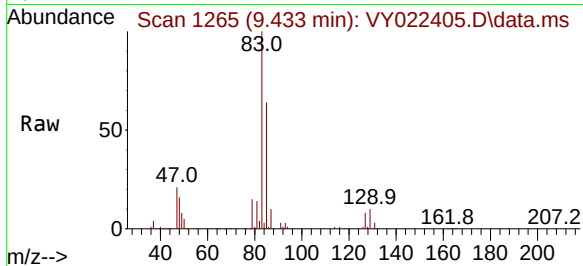




#47
Bromodichloromethane
Concen: 49.498 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY022405.D
Acq: 22 May 2025 18:49

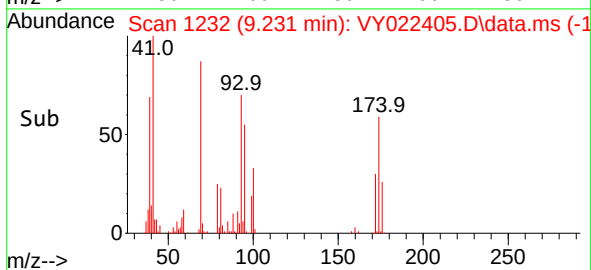
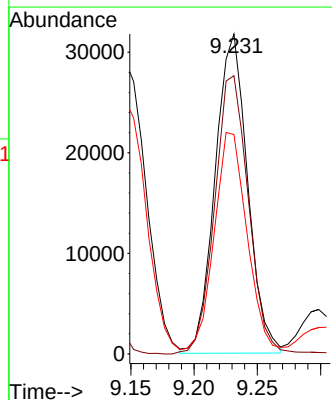
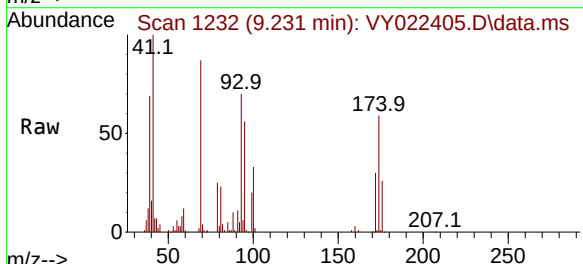
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

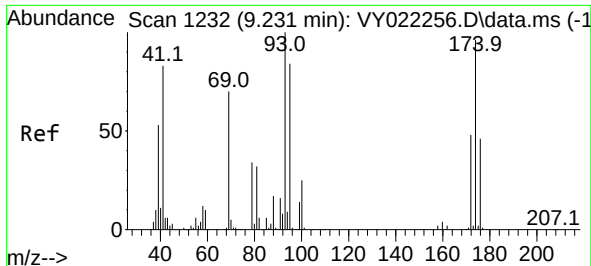
Tgt Ion: 83 Resp: 135247
Ion Ratio Lower Upper
83 100
85 63.9 51.1 76.7
127 7.8 6.6 10.0



#48
Methyl methacrylate
Concen: 42.166 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.012 min
Lab File: VY022405.D
Acq: 22 May 2025 18:49

Tgt Ion: 41 Resp: 56535
Ion Ratio Lower Upper
41 100
69 90.9 63.5 95.3
39 68.0 50.8 76.2





#49

1,4-Dioxane

Concen: 950.632 ug/l

RT: 9.238 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022405.D

Acq: 22 May 2025 18:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

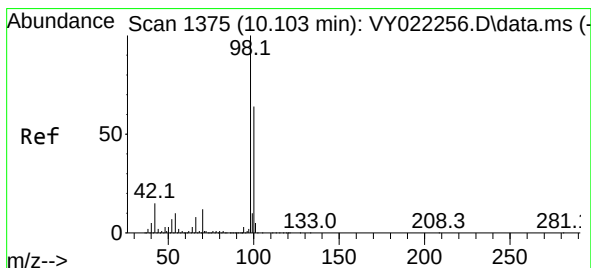
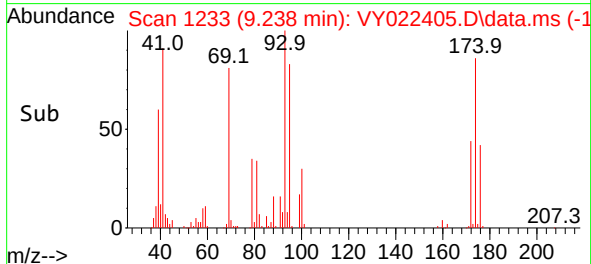
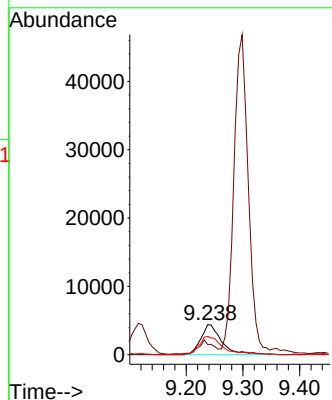
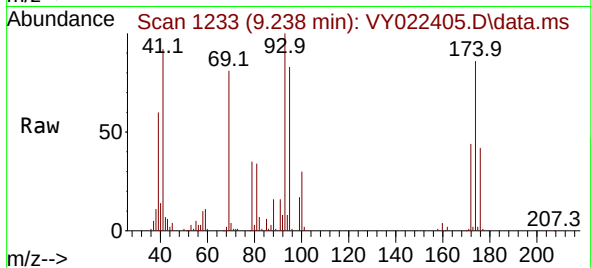
Tgt Ion: 88 Resp: 11311

Ion Ratio Lower Upper

88 100

43 32.7 28.5 42.7

58 64.0 61.4 92.2



#50

Toluene-d8

Concen: 51.787 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.012 min

Lab File: VY022405.D

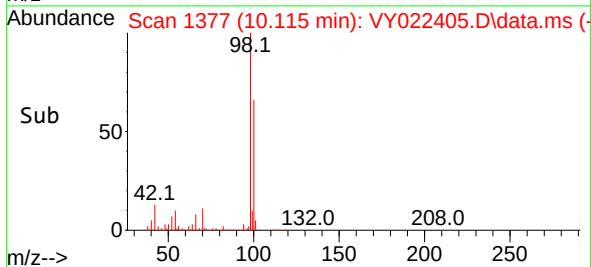
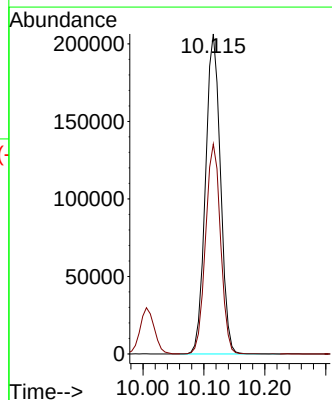
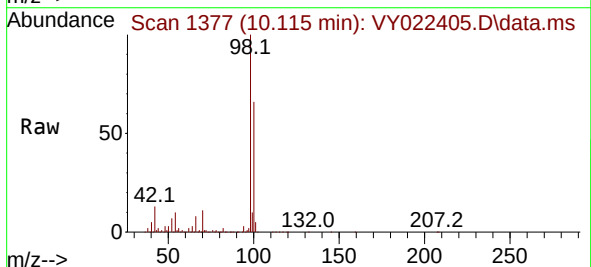
Acq: 22 May 2025 18:49

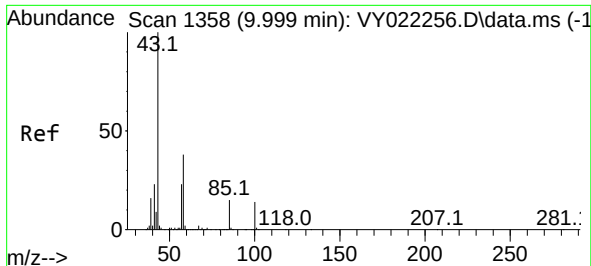
Tgt Ion: 98 Resp: 351823

Ion Ratio Lower Upper

98 100

100 65.6 51.8 77.8

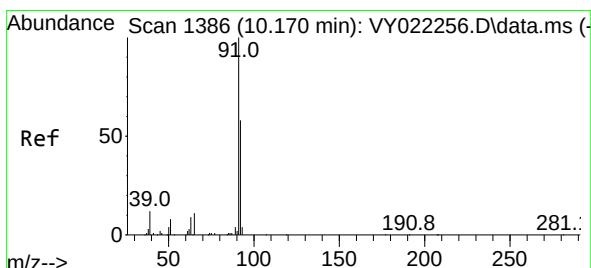
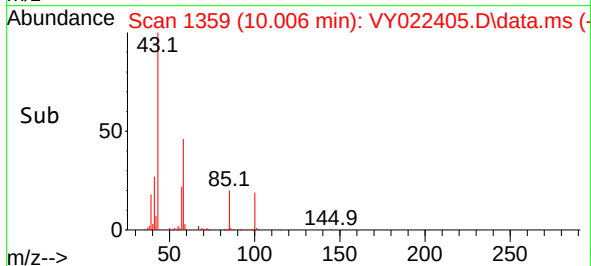
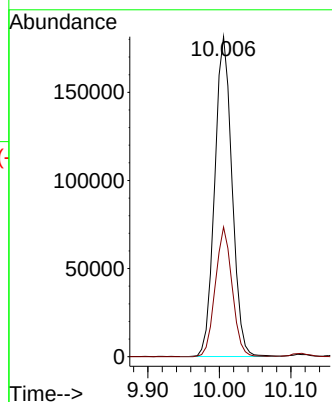
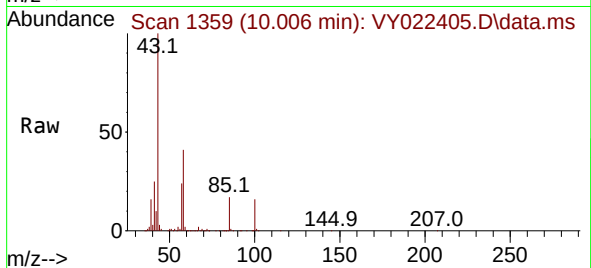




#51
4-Methyl-2-Pentanone
Concen: 217.215 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY022405.D
Acq: 22 May 2025 18:49

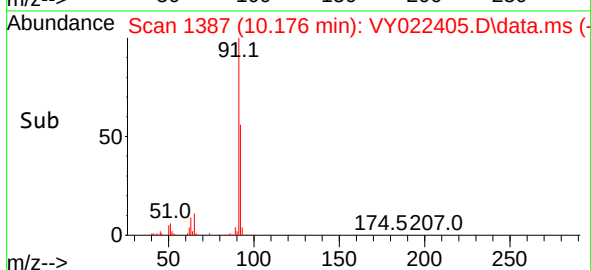
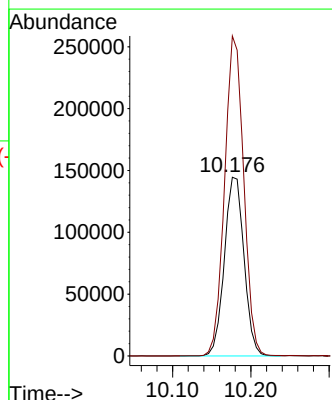
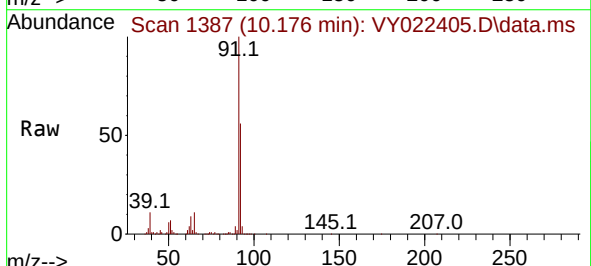
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

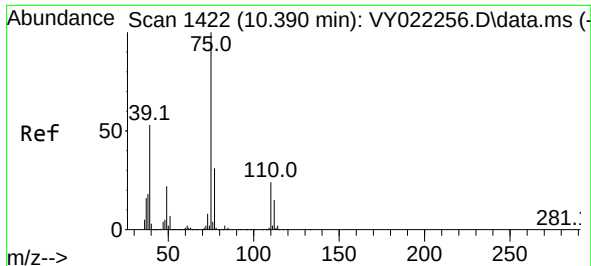
Tgt Ion: 43 Resp: 305566
Ion Ratio Lower Upper
43 100
58 39.3 29.4 44.2



#52
Toluene
Concen: 49.104 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VY022405.D
Acq: 22 May 2025 18:49

Tgt Ion: 92 Resp: 251856
Ion Ratio Lower Upper
92 100
91 174.3 139.1 208.7

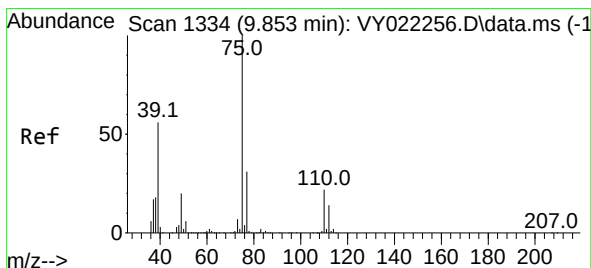
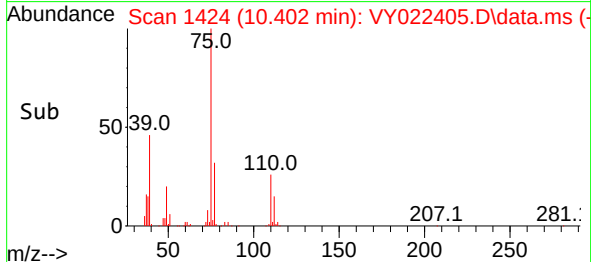
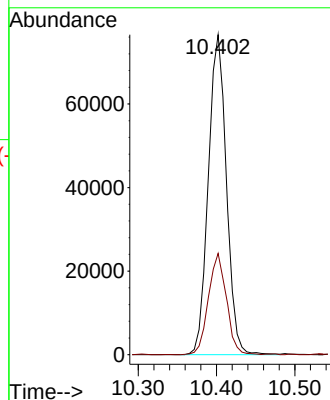
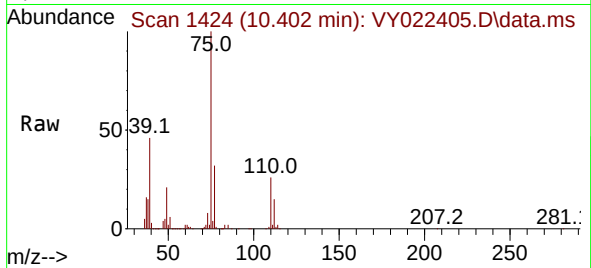




#53
 t-1,3-Dichloropropene
 Concen: 46.073 ug/l
 RT: 10.402 min Scan# 1424
 Delta R.T. 0.012 min
 Lab File: VY022405.D
 Acq: 22 May 2025 18:49

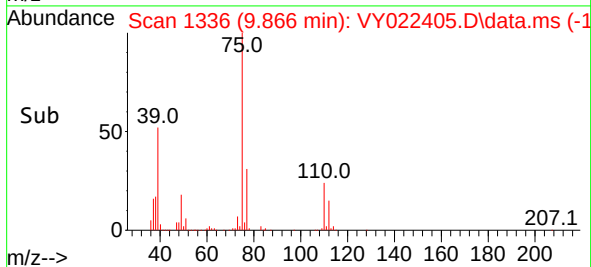
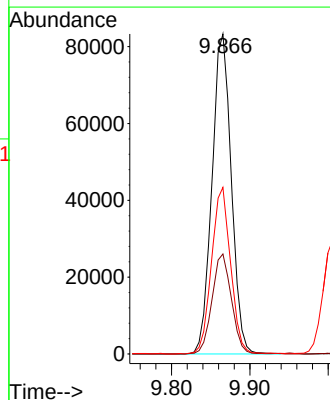
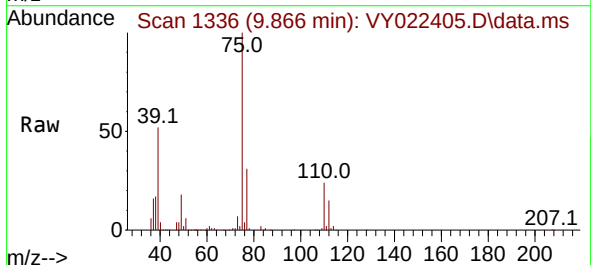
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

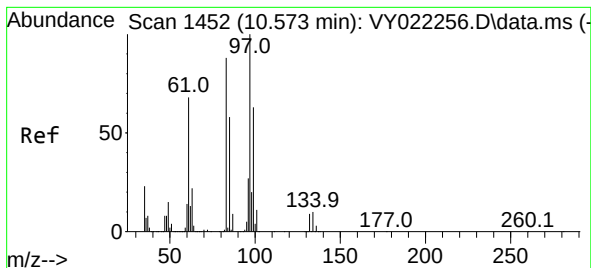
Tgt Ion: 75 Resp: 122854
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 46.732 ug/l
 RT: 9.866 min Scan# 1336
 Delta R.T. 0.012 min
 Lab File: VY022405.D
 Acq: 22 May 2025 18:49

Tgt Ion: 75 Resp: 142769
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.1 37.7
 39 51.9 44.5 66.7





#55

1,1,2-Trichloroethane

Concen: 49.132 ug/l

RT: 10.579 min Scan# 1452

Delta R.T. 0.006 min

Lab File: VY022405.D

Acq: 22 May 2025 18:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 66264

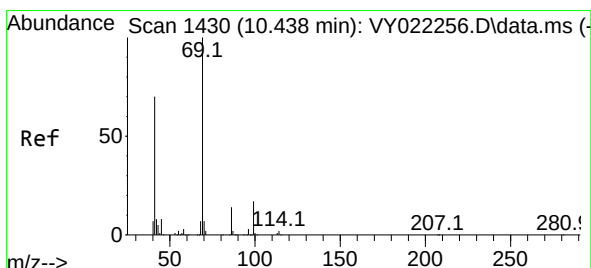
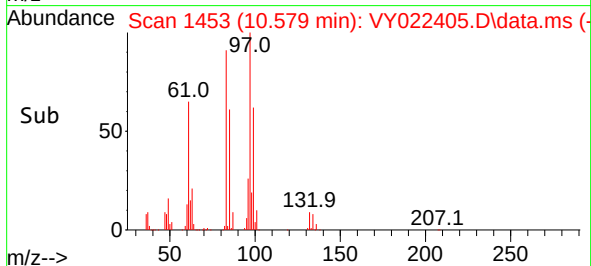
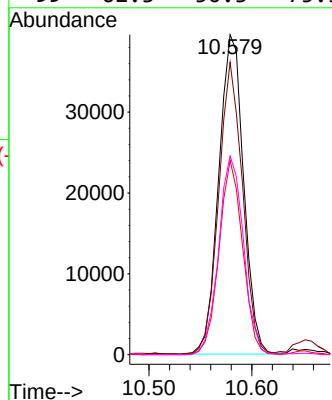
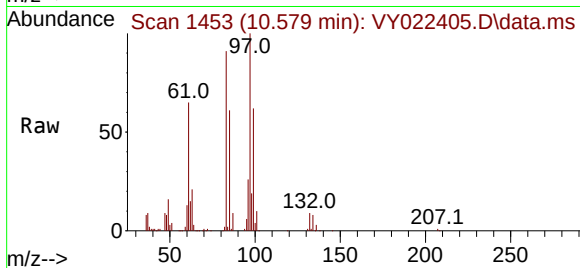
Ion Ratio Lower Upper

97 100

83 91.4 70.3 105.5

85 60.8 46.2 69.4

99 62.3 50.3 75.5



#56

Ethyl methacrylate

Concen: 45.326 ug/l

RT: 10.445 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VY022405.D

Acq: 22 May 2025 18:49

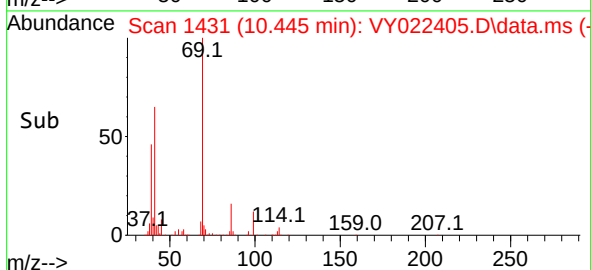
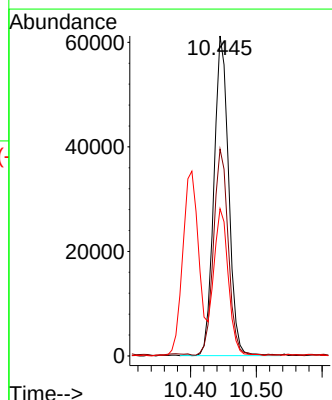
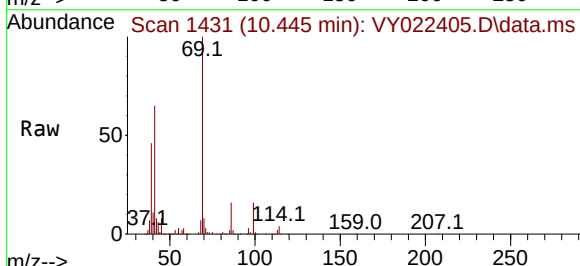
Tgt Ion: 69 Resp: 95224

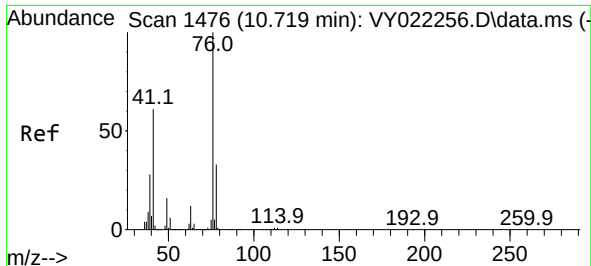
Ion Ratio Lower Upper

69 100

41 64.7 56.5 84.7

39 44.5 37.1 55.7





#57

1,3-Dichloropropane

Concen: 48.446 ug/l

RT: 10.725 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VY022405.D

Acq: 22 May 2025 18:49

Instrument :

MSVOA_Y

ClientSampleId :

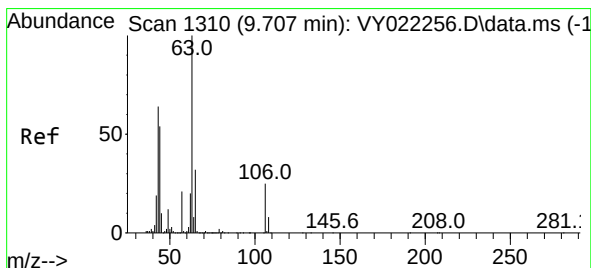
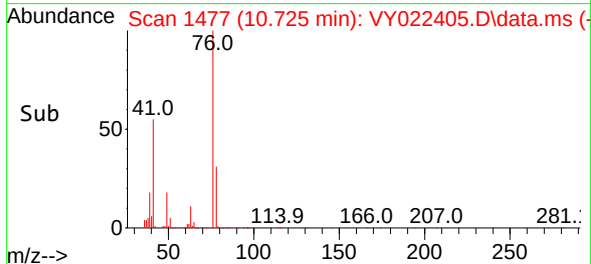
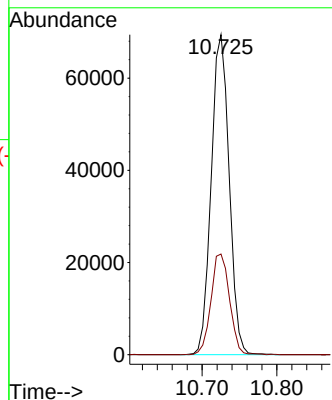
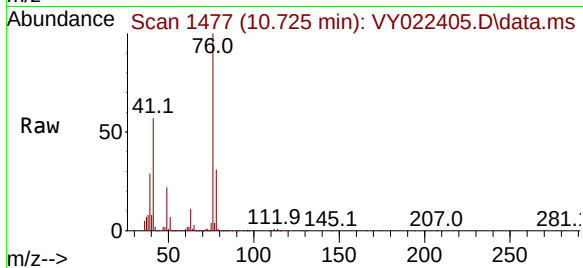
VSTDCCC050EC

Tgt Ion: 76 Resp: 116092

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 261.365 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.012 min

Lab File: VY022405.D

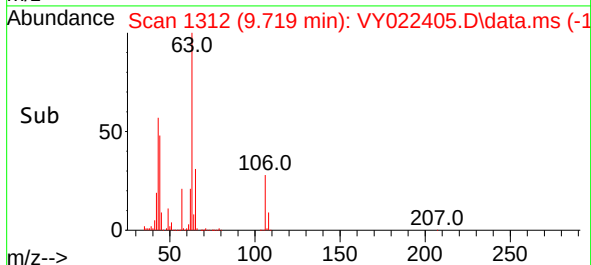
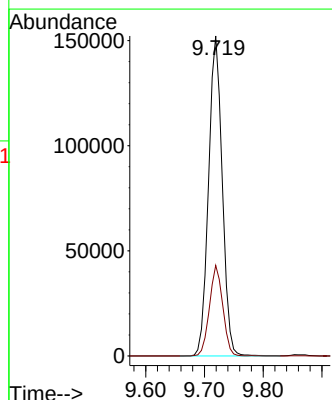
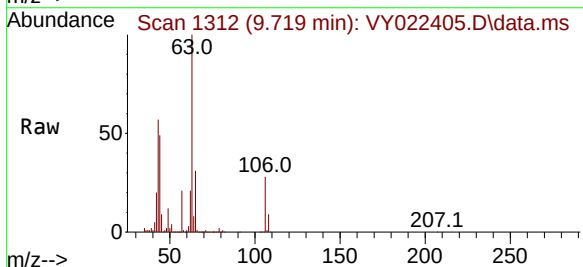
Acq: 22 May 2025 18:49

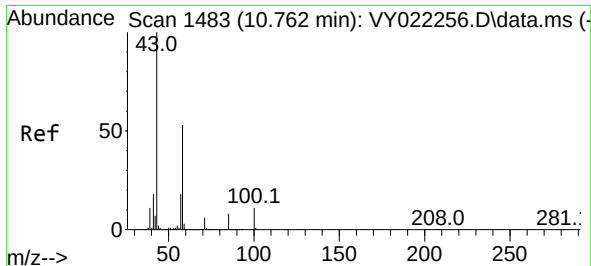
Tgt Ion: 63 Resp: 246459

Ion Ratio Lower Upper

63 100

106 27.5 21.0 31.4

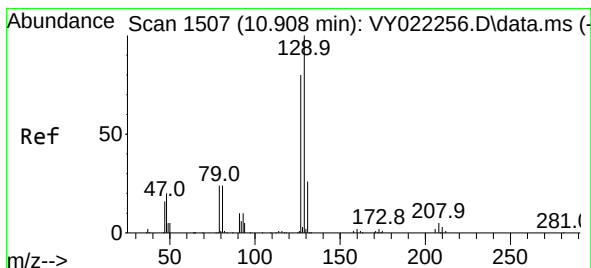
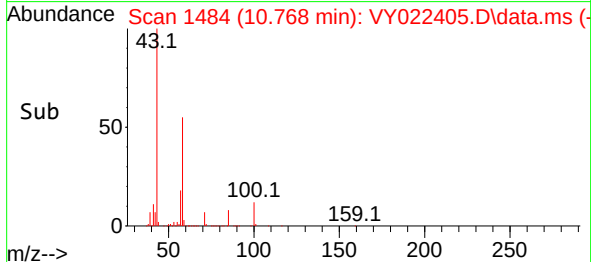
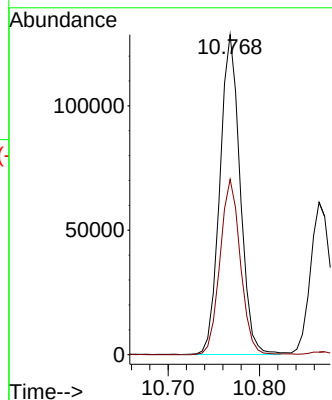
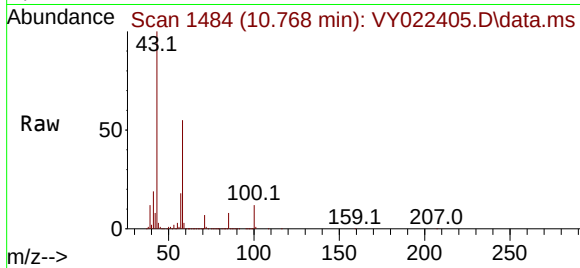




#59
2-Hexanone
Concen: 209.502 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.006 min
Lab File: VY022405.D
Acq: 22 May 2025 18:49

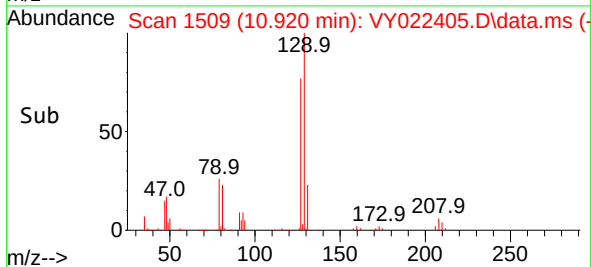
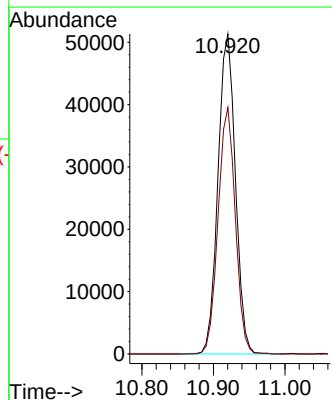
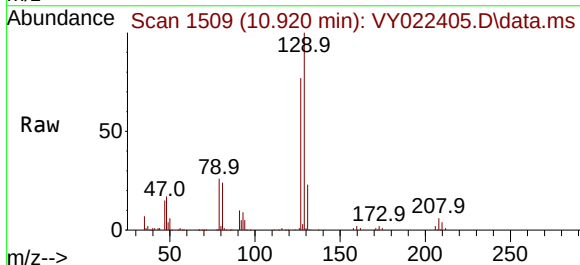
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

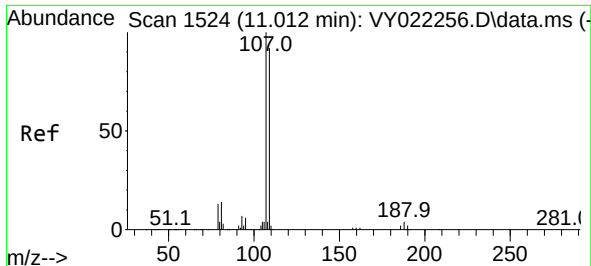
Tgt Ion: 43 Resp: 197602
Ion Ratio Lower Upper
43 100
58 55.4 26.1 78.3



#60
Dibromochloromethane
Concen: 49.616 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.012 min
Lab File: VY022405.D
Acq: 22 May 2025 18:49

Tgt Ion: 129 Resp: 86856
Ion Ratio Lower Upper
129 100
127 76.4 38.6 115.7

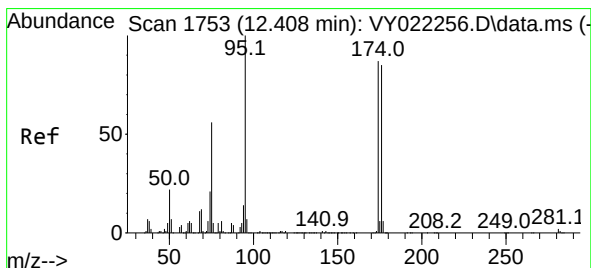
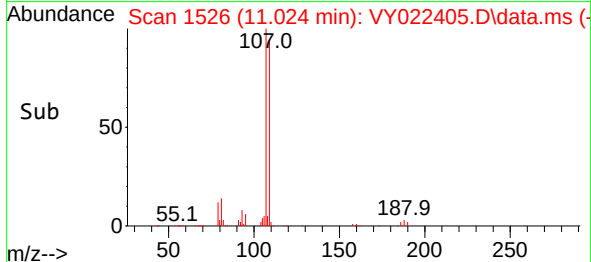
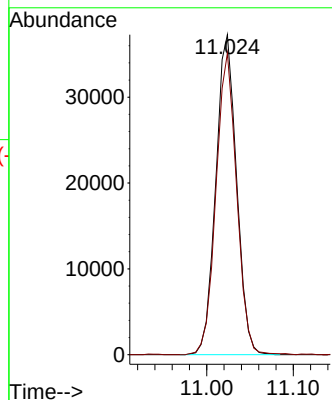
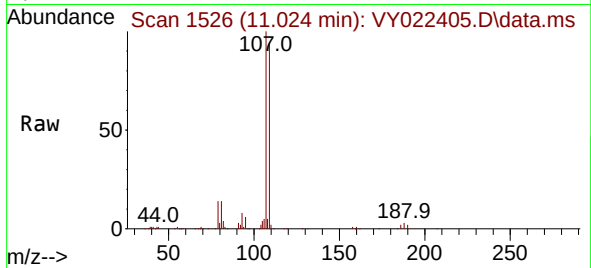




#61
1,2-Dibromoethane
Concen: 49.384 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.012 min
Lab File: VY022405.D
Acq: 22 May 2025 18:49

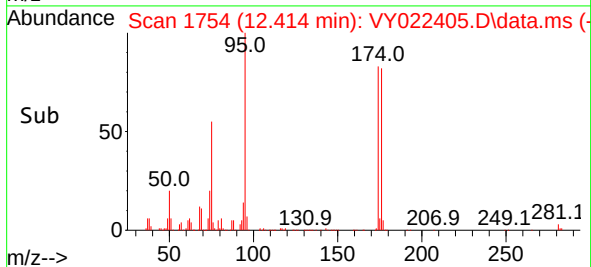
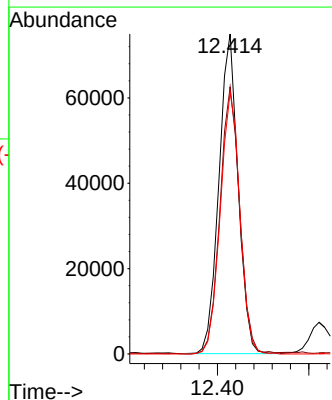
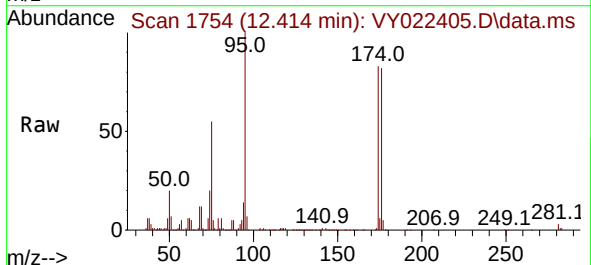
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

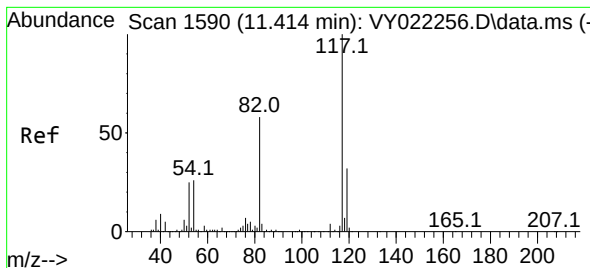
Tgt Ion:107 Resp: 62078
Ion Ratio Lower Upper
107 100
109 93.8 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 50.627 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY022405.D
Acq: 22 May 2025 18:49

Tgt Ion: 95 Resp: 109017
Ion Ratio Lower Upper
95 100
174 86.3 0.0 166.8
176 84.0 0.0 160.8

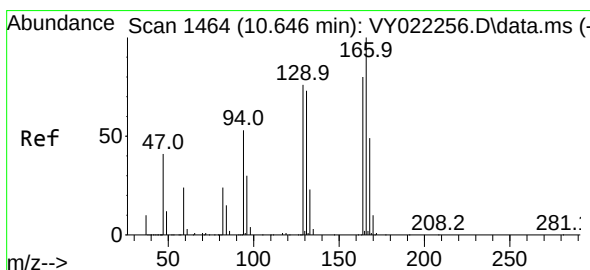
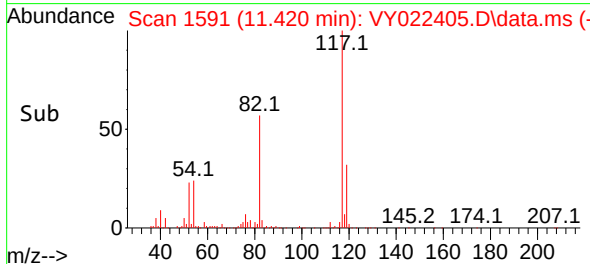
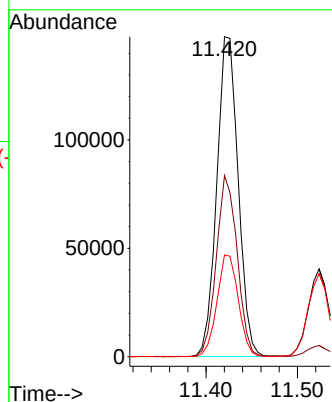
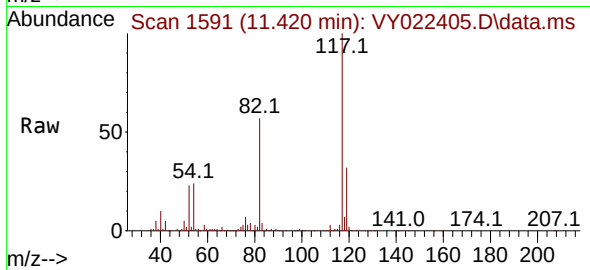




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY022405.D
Acq: 22 May 2025 18:49

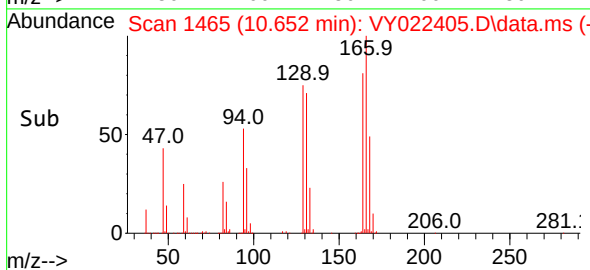
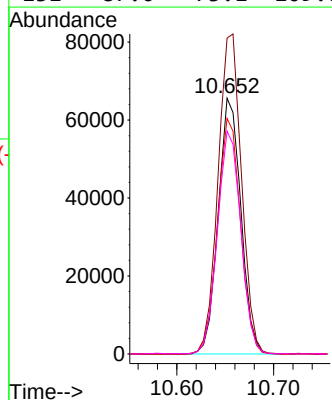
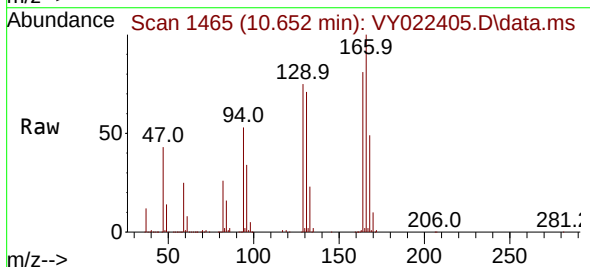
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

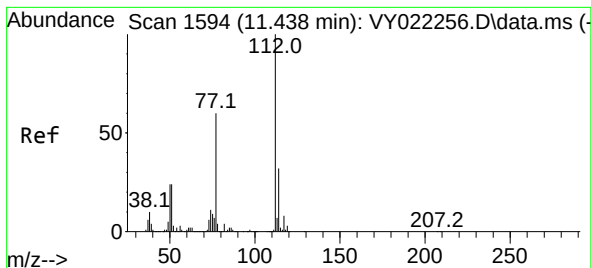
Tgt Ion:117 Resp: 240702
Ion Ratio Lower Upper
117 100
82 56.6 46.6 70.0
119 31.7 25.8 38.6



#64
Tetrachloroethene
Concen: 47.999 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VY022405.D
Acq: 22 May 2025 18:49

Tgt Ion:164 Resp: 106790
Ion Ratio Lower Upper
164 100
166 123.5 100.4 150.6
129 92.1 76.4 114.6
131 87.0 73.1 109.7

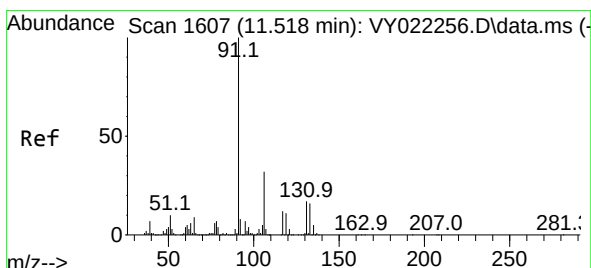
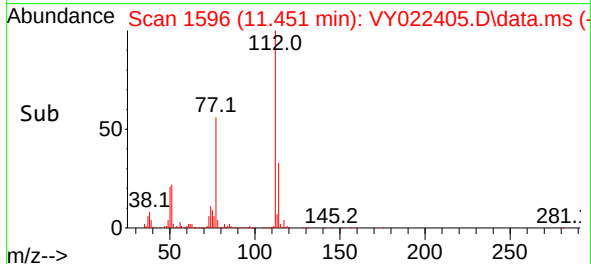
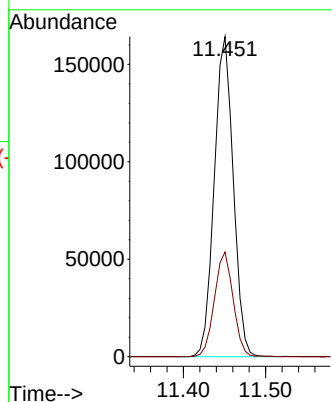
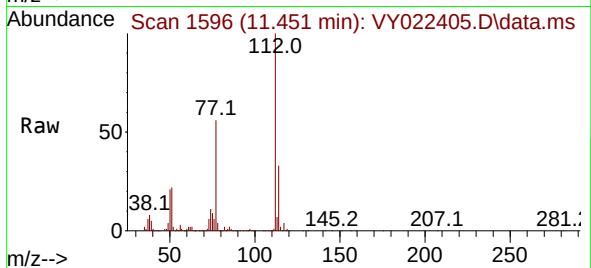




#65
Chlorobenzene
Concen: 48.611 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY022405.D
Acq: 22 May 2025 18:49

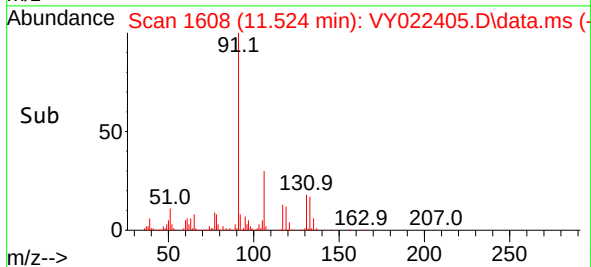
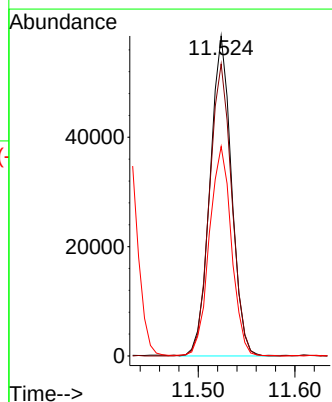
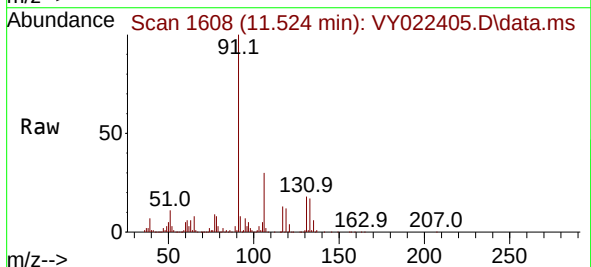
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

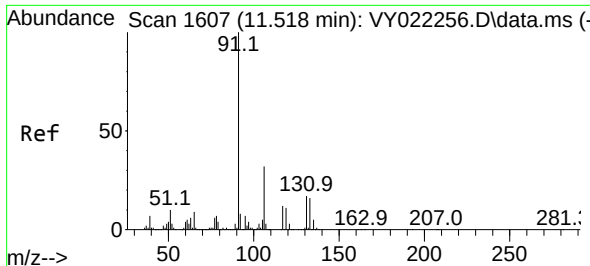
Tgt Ion:112 Resp: 263979
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 48.352 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY022405.D
Acq: 22 May 2025 18:49

Tgt Ion:131 Resp: 90269
Ion Ratio Lower Upper
131 100
133 94.5 47.3 141.9
119 67.4 33.1 99.2





#67

Ethyl Benzene

Concen: 47.644 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY022405.D

Acq: 22 May 2025 18:49

Instrument :

MSVOA_Y

ClientSampleId :

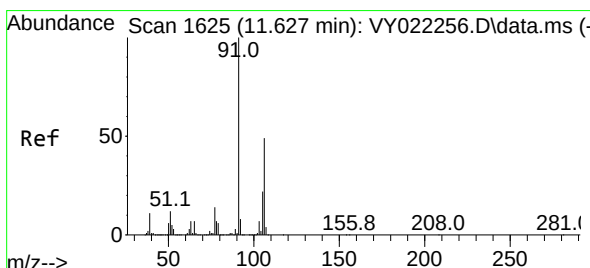
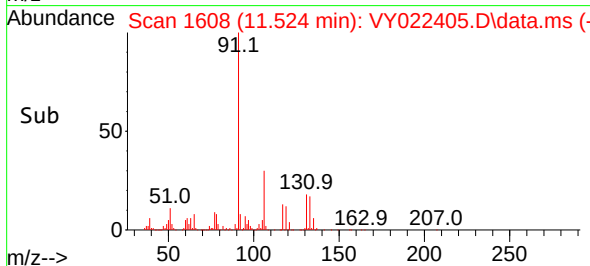
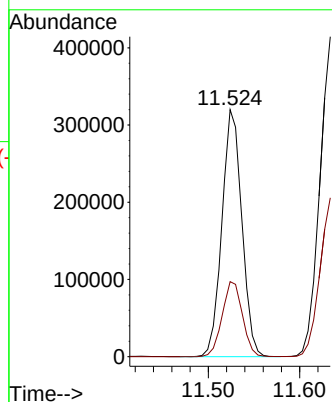
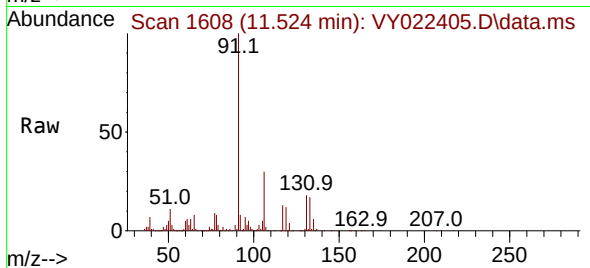
VSTDCCC050EC

Tgt Ion: 91 Resp: 484553

Ion Ratio Lower Upper

91 100

106 30.4 25.4 38.0



#68

m/p-Xylenes

Concen: 96.944 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY022405.D

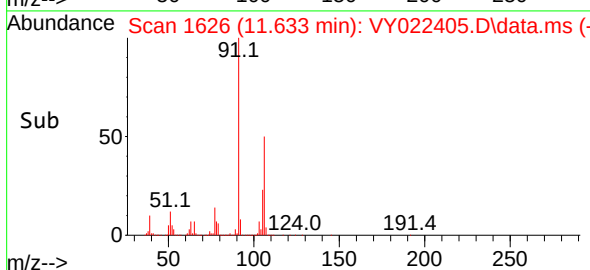
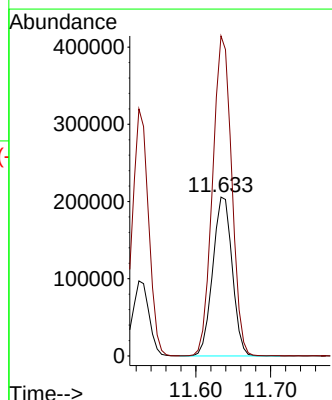
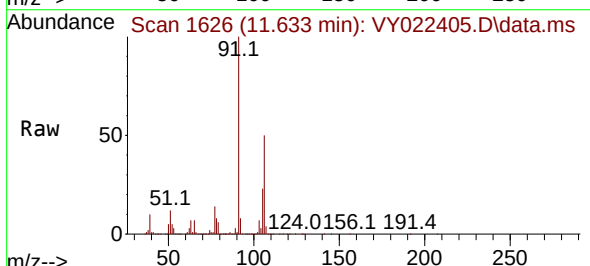
Acq: 22 May 2025 18:49

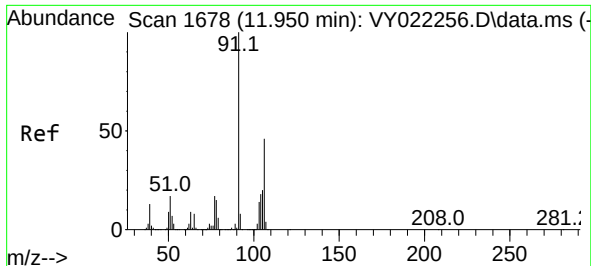
Tgt Ion: 106 Resp: 371517

Ion Ratio Lower Upper

106 100

91 198.0 163.0 244.4

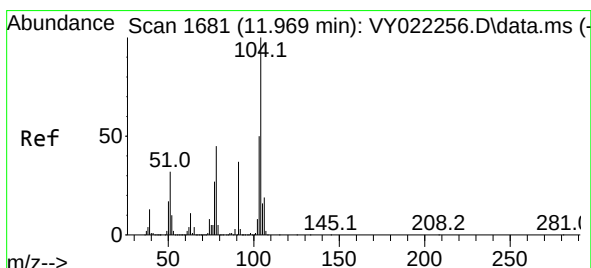
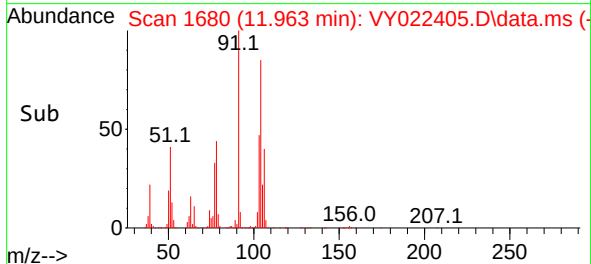
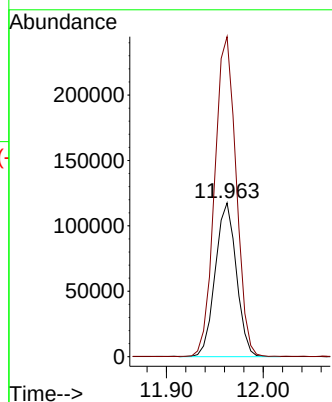
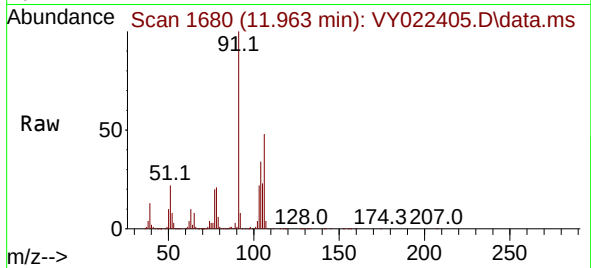




#69
o-Xylene
Concen: 49.134 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. 0.012 min
Lab File: VY022405.D
Acq: 22 May 2025 18:49

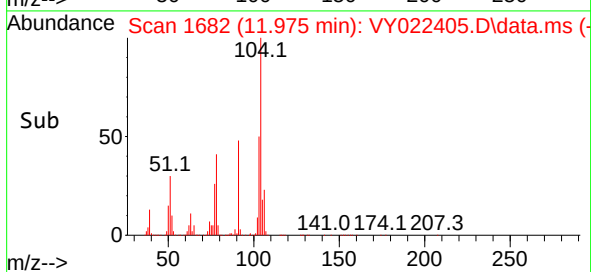
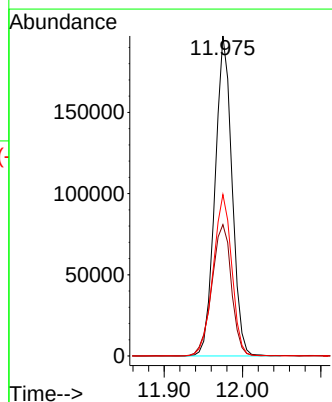
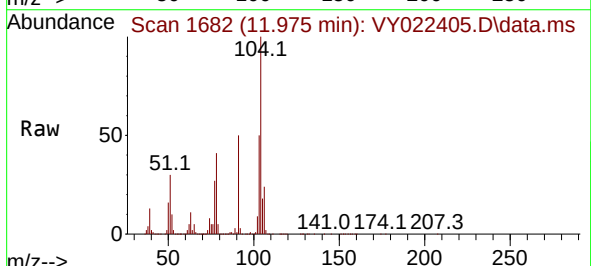
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

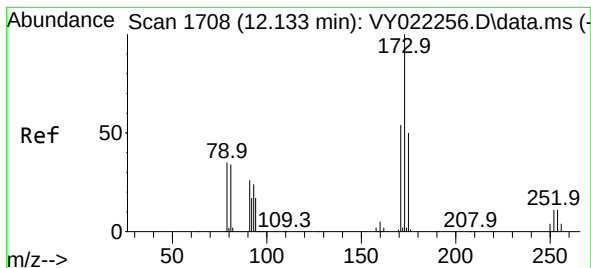
Tgt Ion:106 Resp: 178149
Ion Ratio Lower Upper
106 100
91 211.0 108.3 324.8



#70
Styrene
Concen: 48.635 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY022405.D
Acq: 22 May 2025 18:49

Tgt Ion:104 Resp: 297464
Ion Ratio Lower Upper
104 100
78 47.2 40.9 61.3
103 55.1 43.7 65.5





#71

Bromoform

Concen: 46.782 ug/l

RT: 12.139 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022405.D

Acq: 22 May 2025 18:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

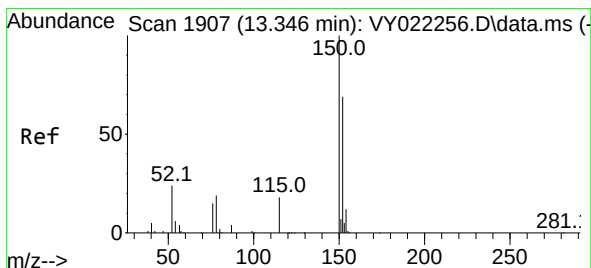
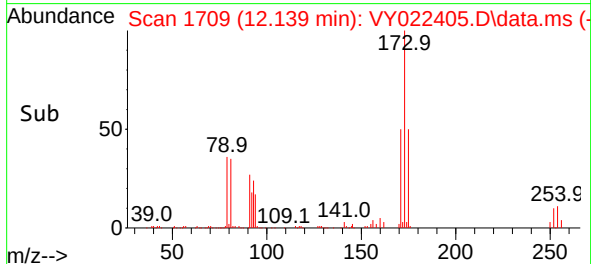
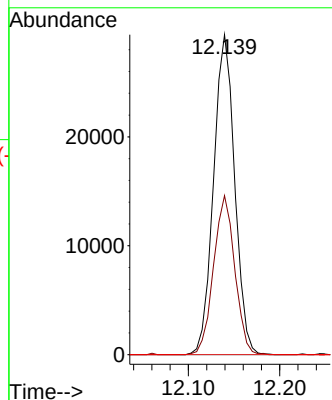
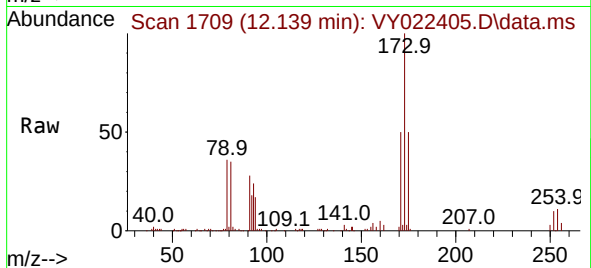
Tgt Ion:173 Resp: 47141

Ion Ratio Lower Upper

173 100

175 50.0 24.7 74.1

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY022405.D

Acq: 22 May 2025 18:49

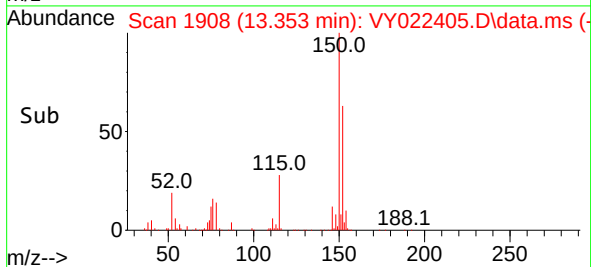
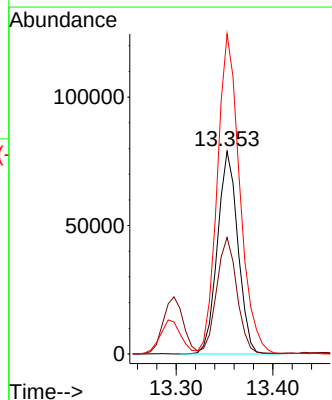
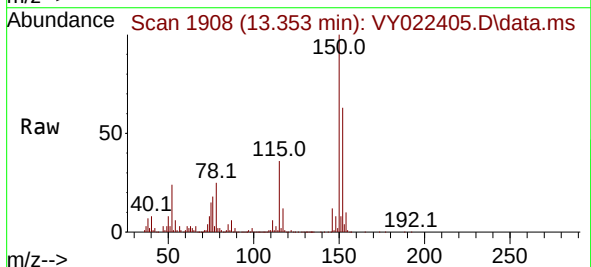
Tgt Ion:152 Resp: 115598

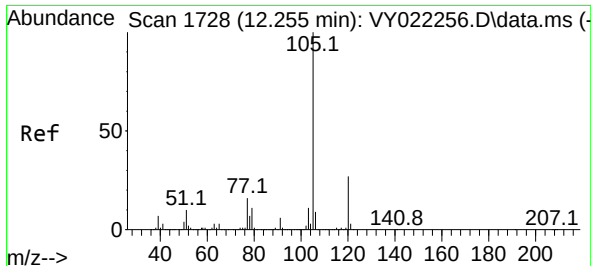
Ion Ratio Lower Upper

152 100

115 56.8 29.4 88.2

150 173.1 0.0 353.8

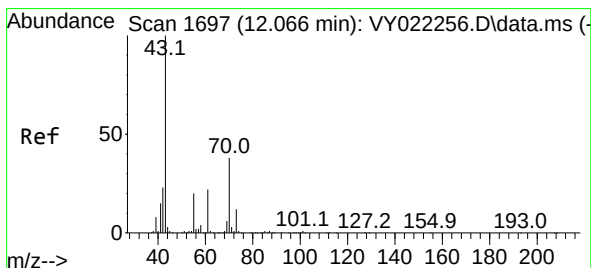
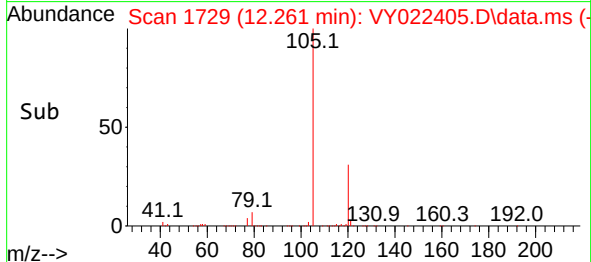
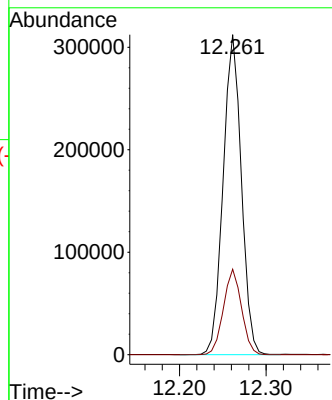
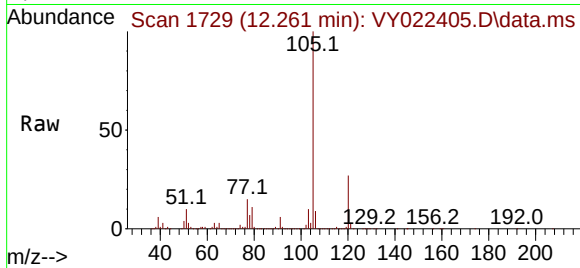




#73
Isopropylbenzene
Concen: 47.620 ug/l
RT: 12.261 min Scan# 1728
Delta R.T. 0.006 min
Lab File: VY022405.D
Acq: 22 May 2025 18:49

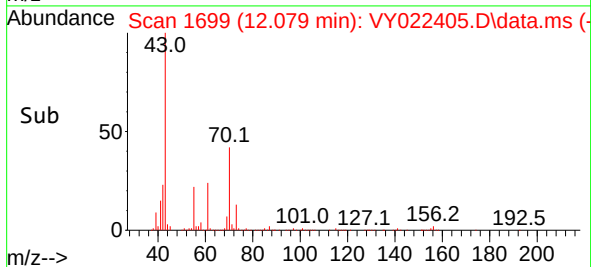
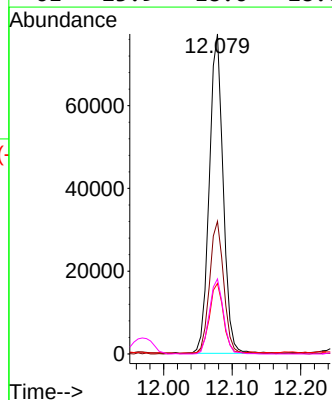
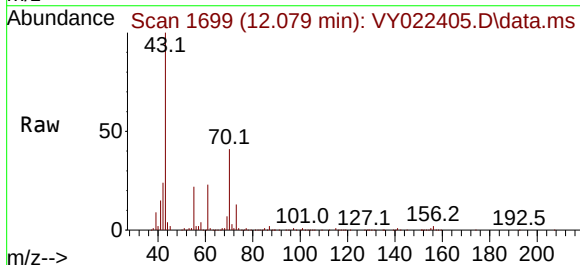
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

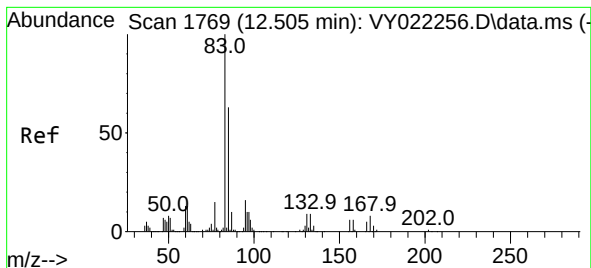
Tgt Ion:105 Resp: 456041
Ion Ratio Lower Upper
105 100
120 26.5 13.2 39.6



#74
N-ethyl acetate
Concen: 39.709 ug/l
RT: 12.079 min Scan# 1699
Delta R.T. 0.012 min
Lab File: VY022405.D
Acq: 22 May 2025 18:49

Tgt Ion: 43 Resp: 108763
Ion Ratio Lower Upper
43 100
70 42.3 31.4 47.0
55 22.5 17.0 25.6
61 23.9 18.6 28.0

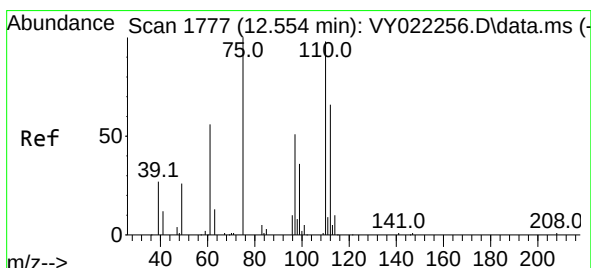
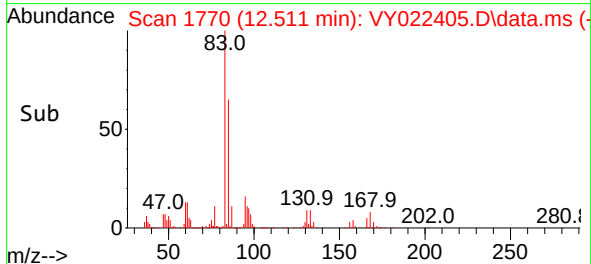
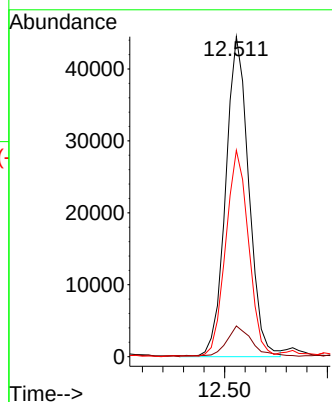
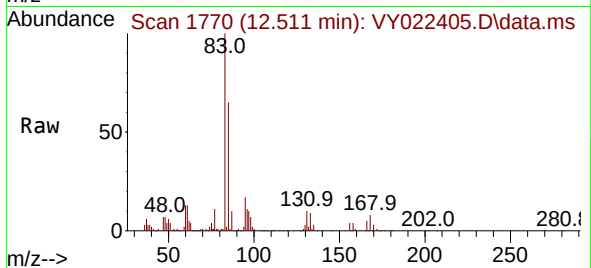




#75
1,1,2-Tetrachloroethane
Concen: 47.199 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY022405.D
Acq: 22 May 2025 18:49

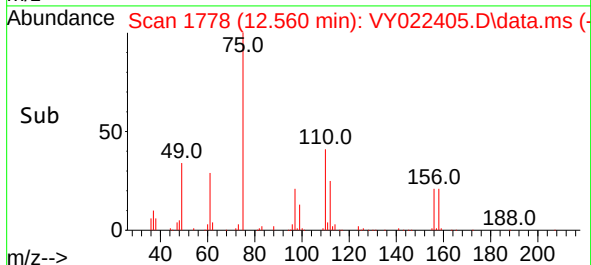
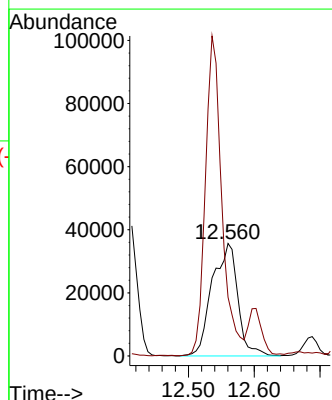
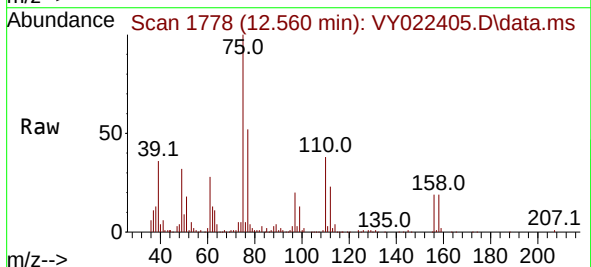
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

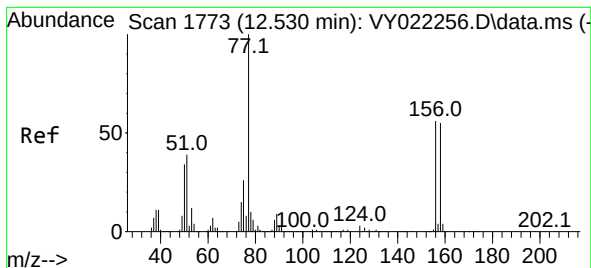
Tgt Ion: 83 Resp: 69516
Ion Ratio Lower Upper
83 100
131 10.7 4.9 14.7
85 63.4 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 82.827 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY022405.D
Acq: 22 May 2025 18:49

Tgt Ion: 75 Resp: 97001
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.052 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY022405.D

Acq: 22 May 2025 18:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

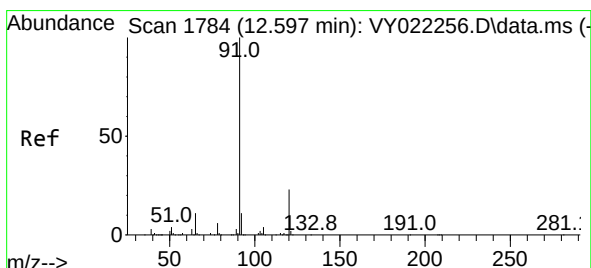
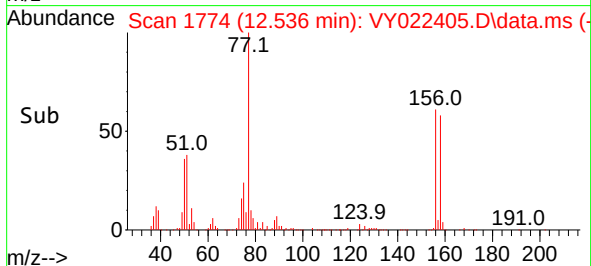
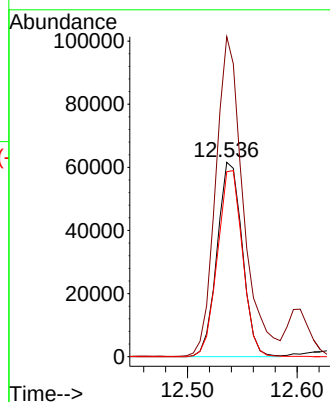
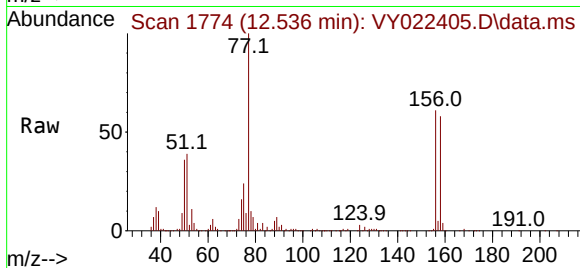
Tgt Ion:156 Resp: 98286

Ion Ratio Lower Upper

156 100

77 180.2 94.5 283.6

158 95.6 48.4 145.3



#78

n-propylbenzene

Concen: 46.945 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VY022405.D

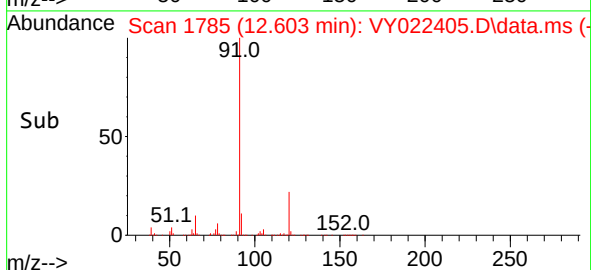
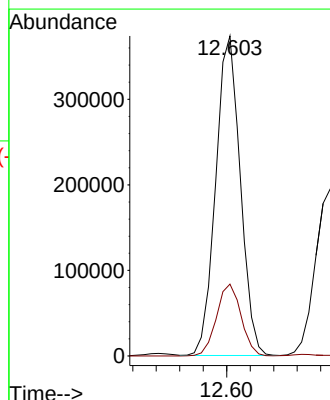
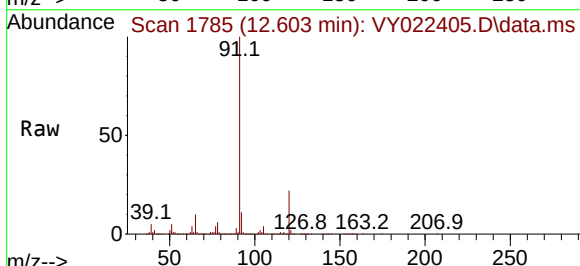
Acq: 22 May 2025 18:49

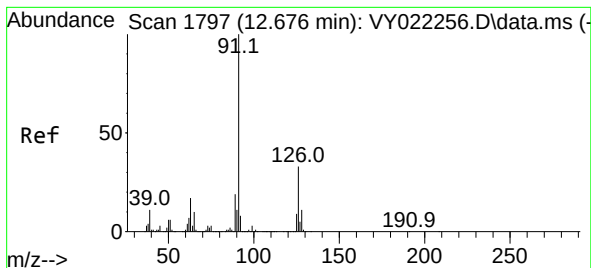
Tgt Ion: 91 Resp: 542282

Ion Ratio Lower Upper

91 100

120 22.4 11.1 33.3

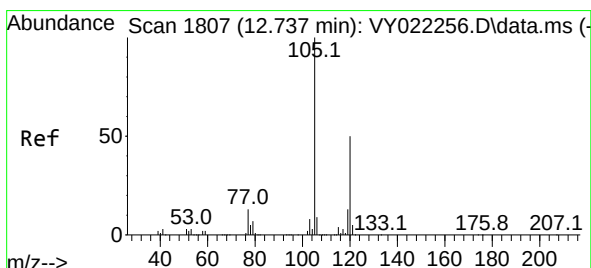
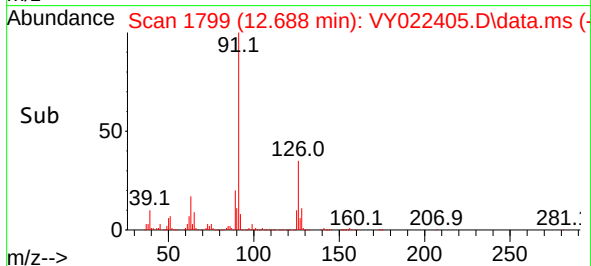
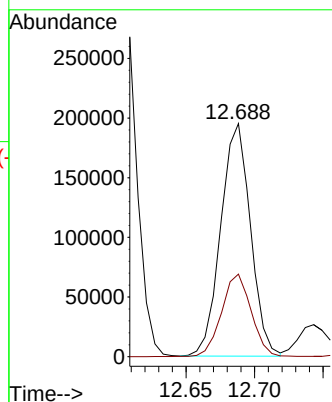
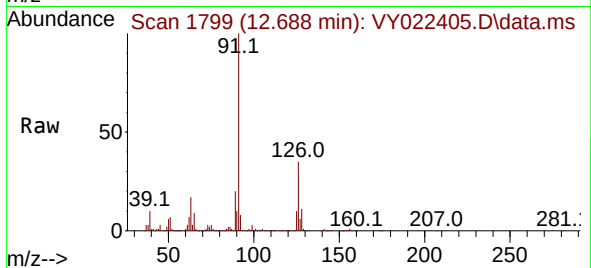




#79
2-Chlorotoluene
Concen: 46.385 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. 0.012 min
Lab File: VY022405.D
Acq: 22 May 2025 18:49

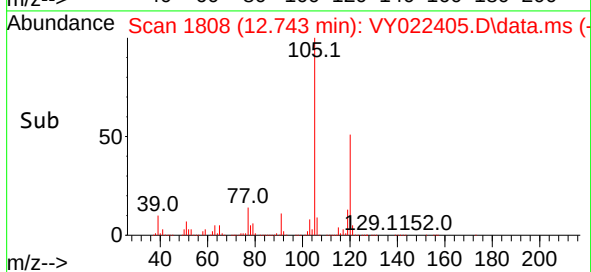
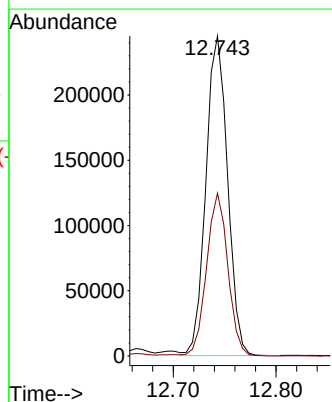
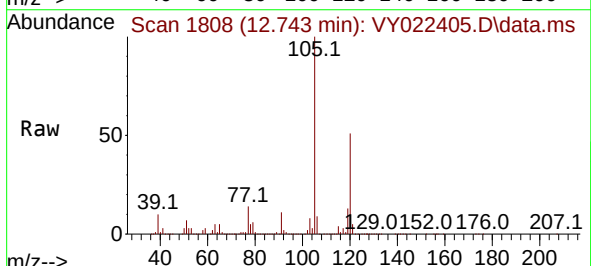
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

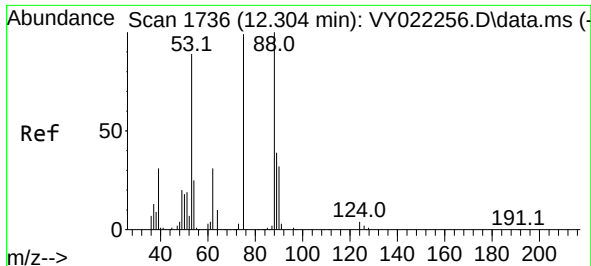
Tgt Ion: 91 Resp: 294451
Ion Ratio Lower Upper
91 100
126 35.5 16.8 50.4



#80
1,3,5-Trimethylbenzene
Concen: 46.497 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VY022405.D
Acq: 22 May 2025 18:49

Tgt Ion: 105 Resp: 359456
Ion Ratio Lower Upper
105 100
120 50.0 24.2 72.6

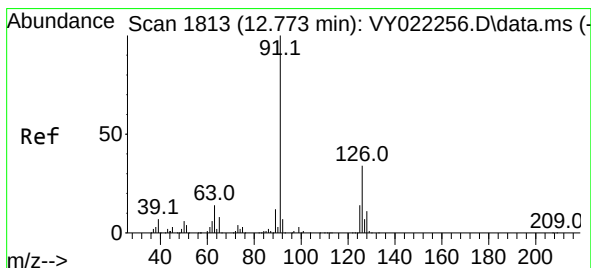
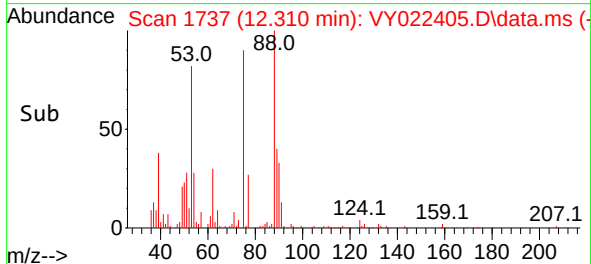
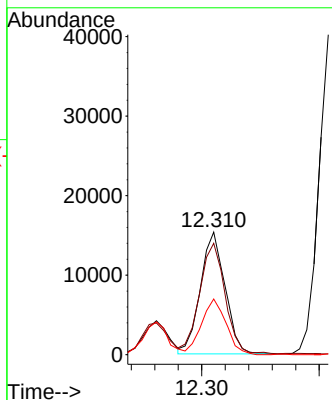
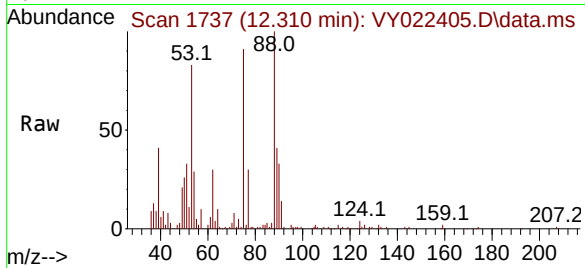




#81
trans-1,4-Dichloro-2-butene
Concen: 38.658 ug/l
RT: 12.310 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY022405.D
Acq: 22 May 2025 18:49

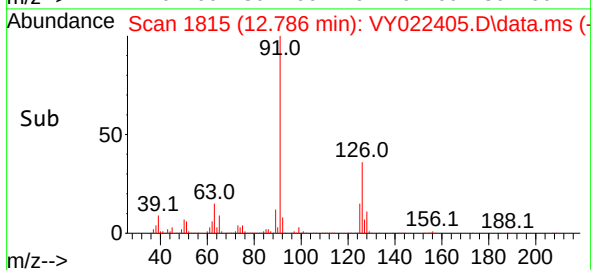
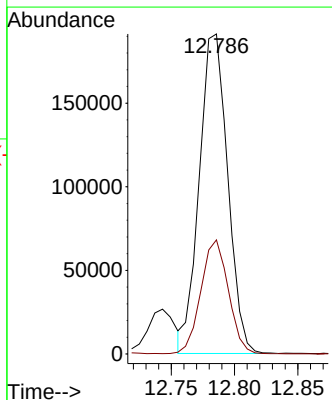
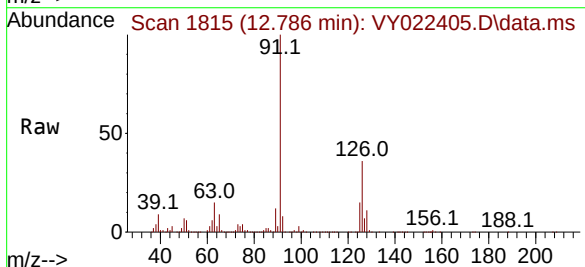
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

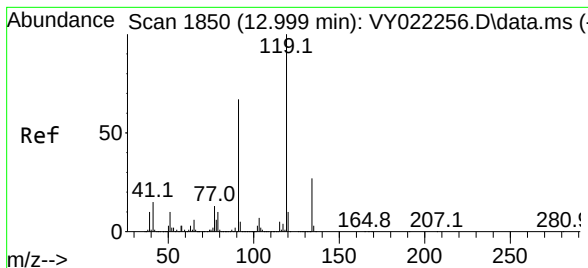
Tgt Ion: 75 Resp: 22349
Ion Ratio Lower Upper
75 100
53 94.4 75.8 113.8
89 45.4 36.2 54.2



#82
4-Chlorotoluene
Concen: 45.739 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.012 min
Lab File: VY022405.D
Acq: 22 May 2025 18:49

Tgt Ion: 91 Resp: 298647
Ion Ratio Lower Upper
91 100
126 34.6 16.8 50.4





#83

tert-Butylbenzene

Concen: 47.270 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. 0.006 min

Lab File: VY022405.D

Acq: 22 May 2025 18:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

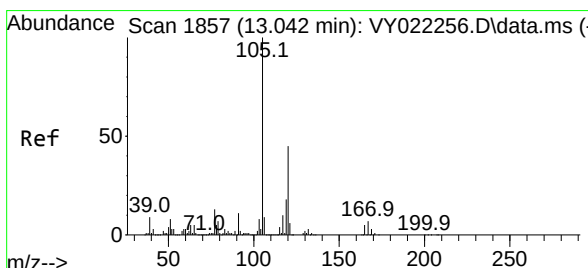
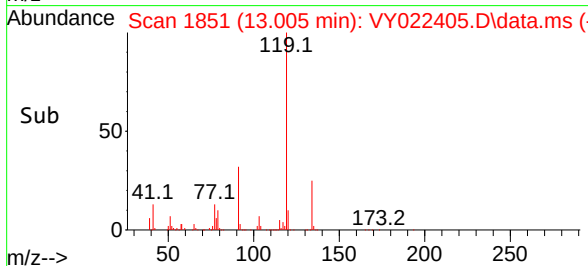
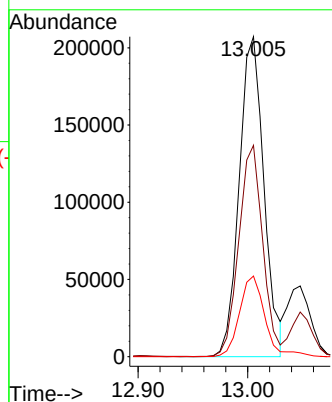
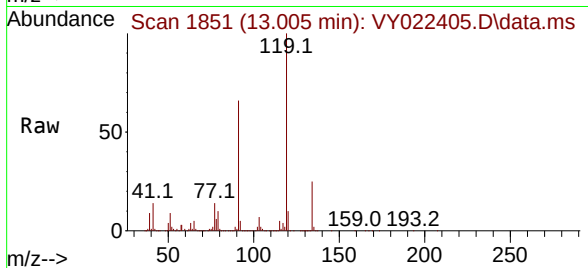
Tgt Ion:119 Resp: 324795

Ion Ratio Lower Upper

119 100

91 63.9 32.8 98.3

134 25.9 12.9 38.6



#84

1,2,4-Trimethylbenzene

Concen: 47.483 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY022405.D

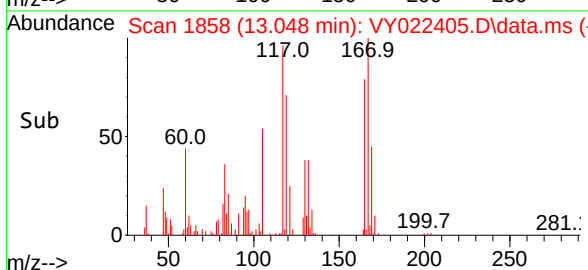
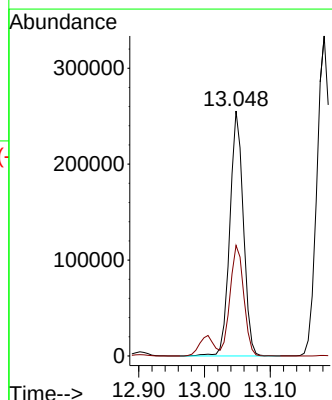
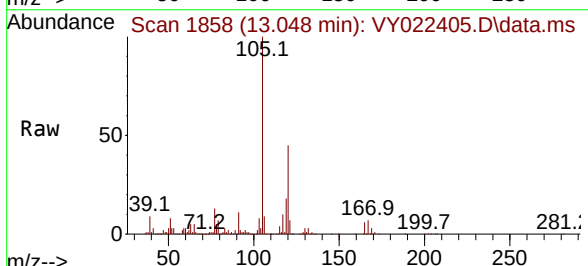
Acq: 22 May 2025 18:49

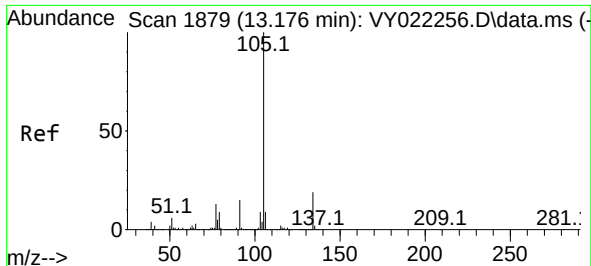
Tgt Ion:105 Resp: 364391

Ion Ratio Lower Upper

105 100

120 45.7 22.3 66.9

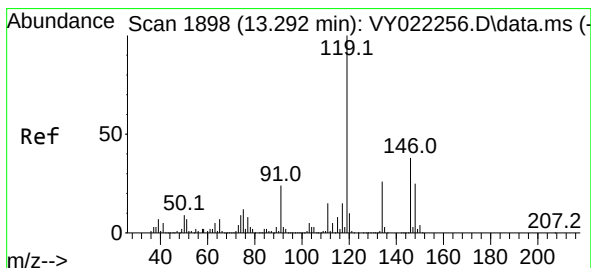
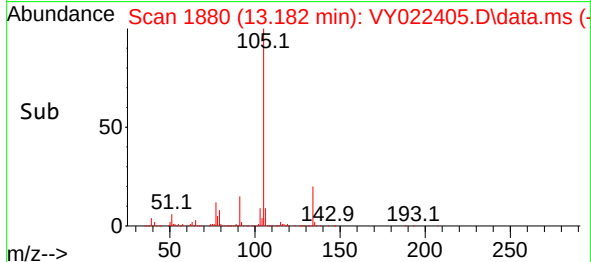
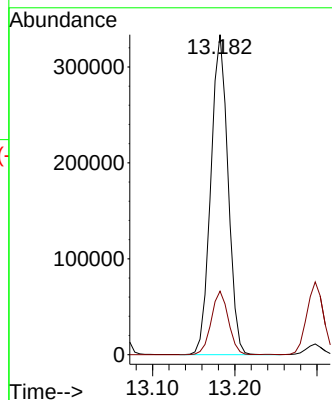
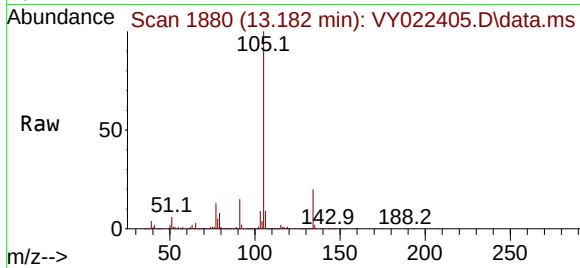




#85
 sec-Butylbenzene
 Concen: 47.420 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. 0.006 min
 Lab File: VY022405.D
 Acq: 22 May 2025 18:49

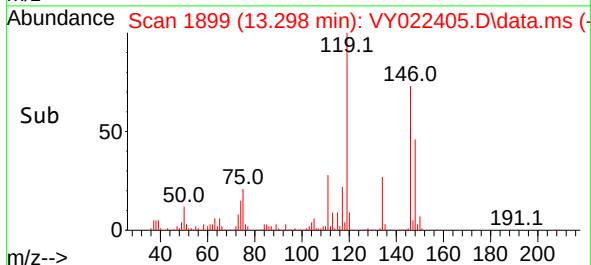
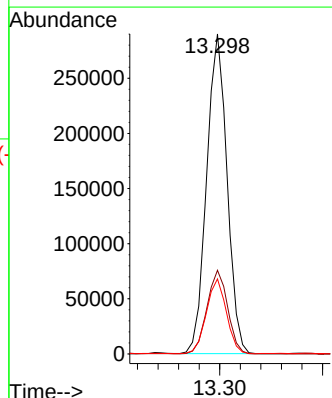
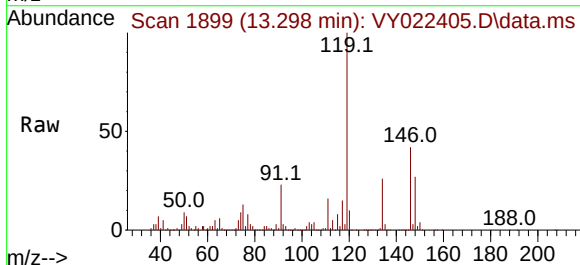
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

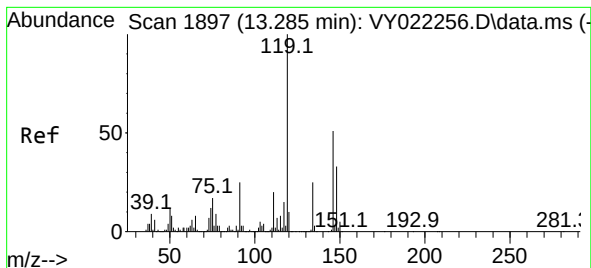
Tgt Ion:105 Resp: 483675
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 46.596 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. 0.006 min
 Lab File: VY022405.D
 Acq: 22 May 2025 18:49

Tgt Ion:119 Resp: 399718
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.9 38.6
 91 23.0 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 46.629 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY022405.D

Acq: 22 May 2025 18:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

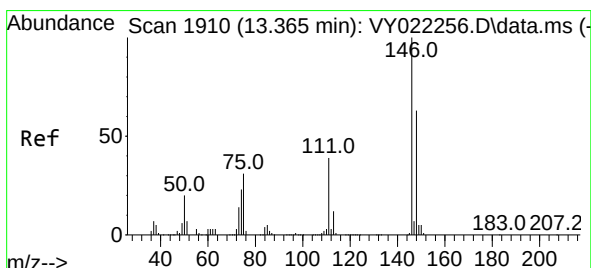
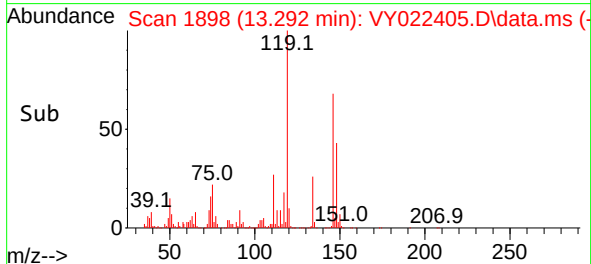
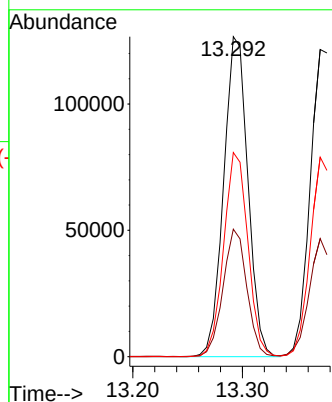
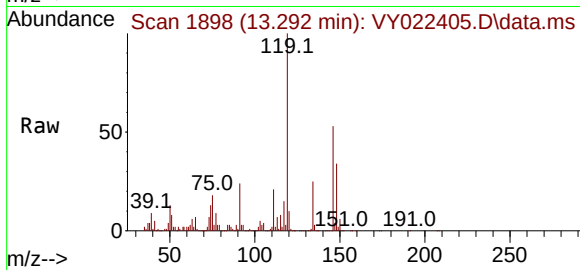
Tgt Ion:146 Resp: 194701

Ion Ratio Lower Upper

146 100

111 38.9 19.9 59.7

148 63.7 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 47.294 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY022405.D

Acq: 22 May 2025 18:49

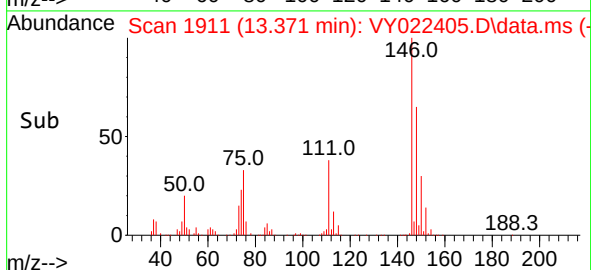
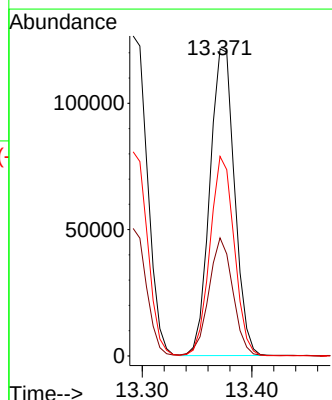
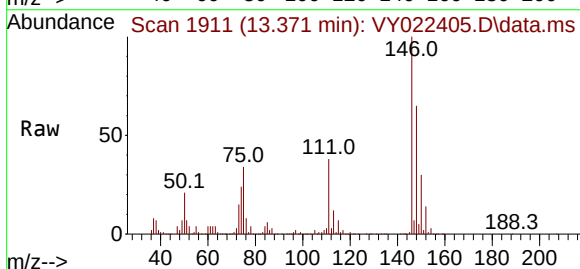
Tgt Ion:146 Resp: 189952

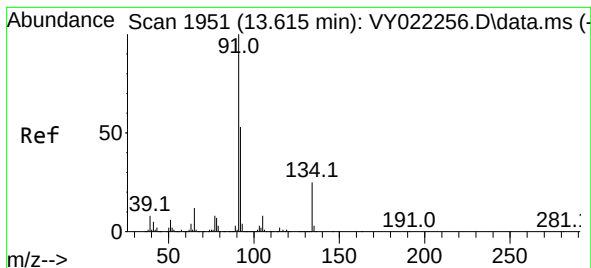
Ion Ratio Lower Upper

146 100

111 37.1 20.0 59.9

148 64.0 32.1 96.5





#89

n-Butylbenzene

Concen: 45.875 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY022405.D

Acq: 22 May 2025 18:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

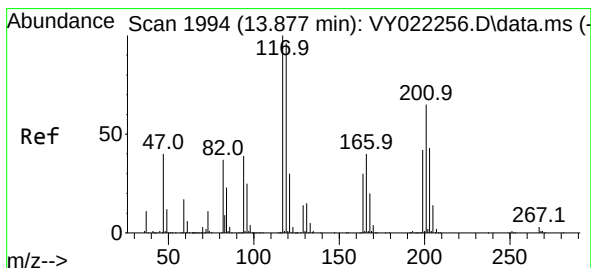
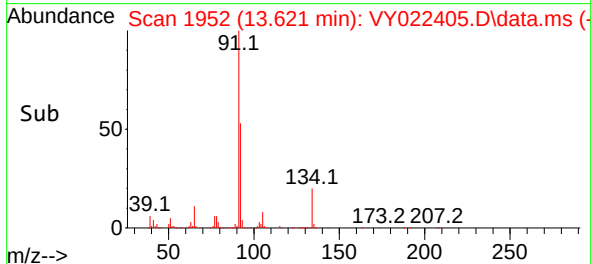
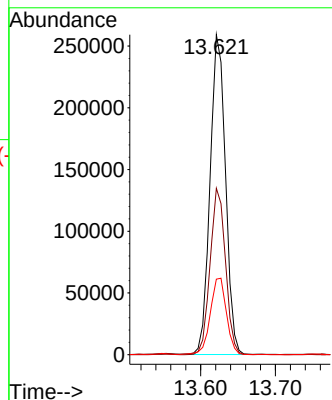
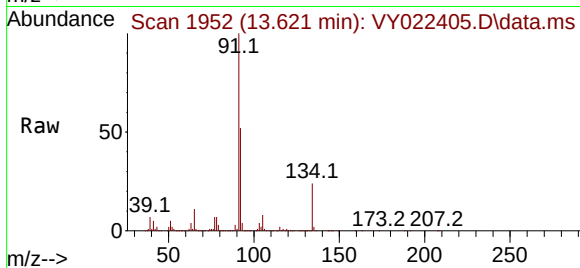
Tgt Ion: 91 Resp: 372306

Ion Ratio Lower Upper

91 100

92 51.7 26.3 78.9

134 25.1 12.4 37.4



#90

Hexachloroethane

Concen: 46.822 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY022405.D

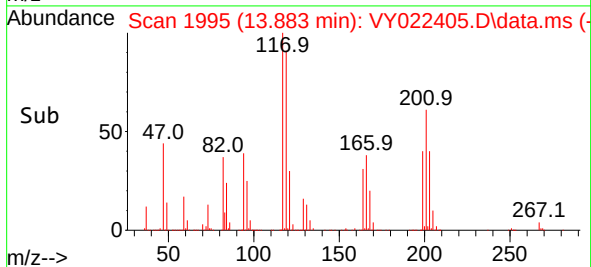
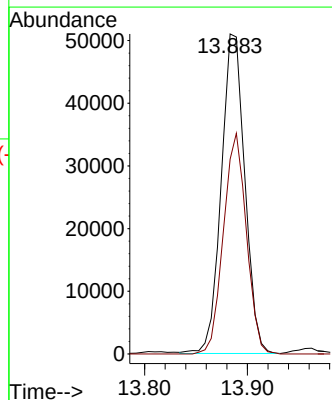
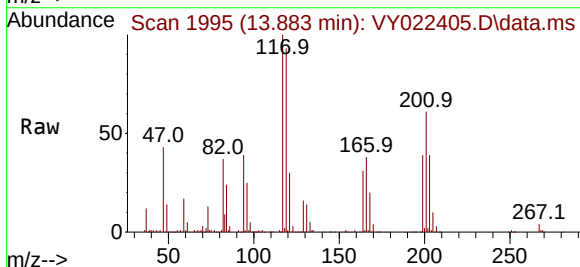
Acq: 22 May 2025 18:49

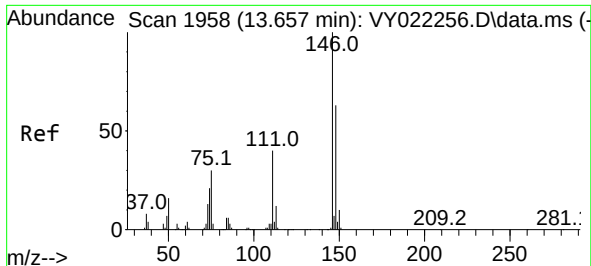
Tgt Ion: 117 Resp: 81079

Ion Ratio Lower Upper

117 100

201 67.3 35.2 105.6

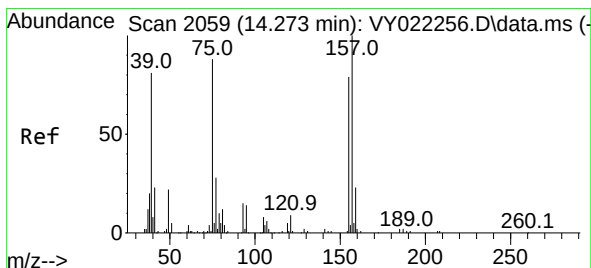
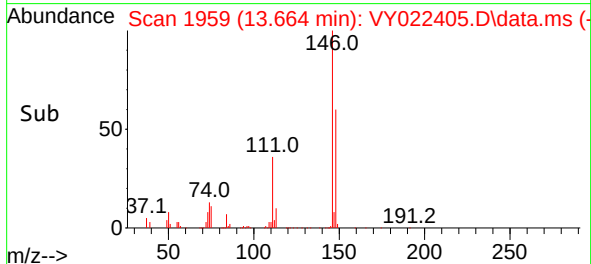
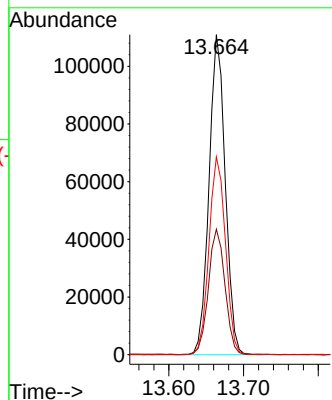
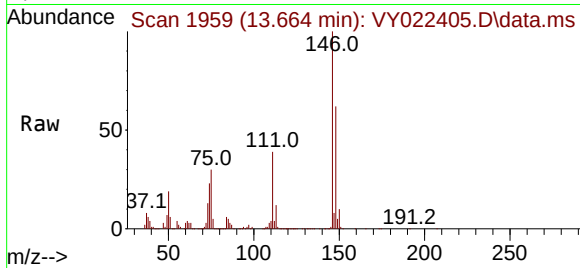




#91
1,2-Dichlorobenzene
Concen: 47.608 ug/l
RT: 13.664 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VY022405.D
Acq: 22 May 2025 18:49

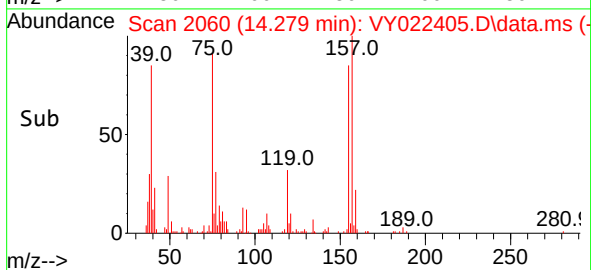
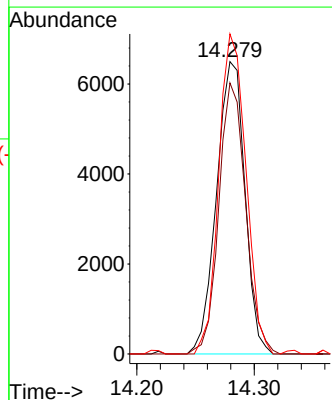
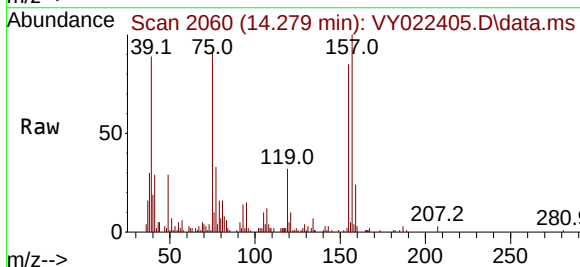
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

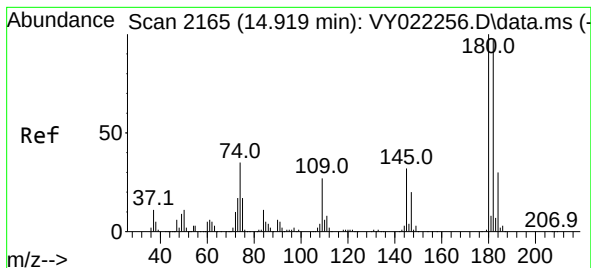
Tgt Ion:146 Resp: 166976
Ion Ratio Lower Upper
146 100
111 39.9 20.5 61.5
148 63.0 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.828 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY022405.D
Acq: 22 May 2025 18:49

Tgt Ion: 75 Resp: 10884
Ion Ratio Lower Upper
75 100
155 87.8 43.4 130.1
157 105.2 54.6 163.9





#93

1,2,4-Trichlorobenzene

Concen: 46.126 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY022405.D

Acq: 22 May 2025 18:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

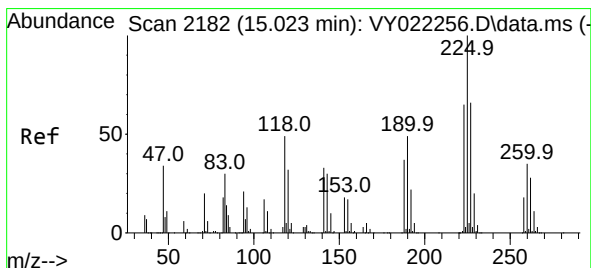
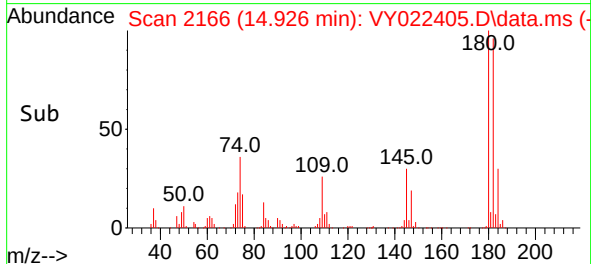
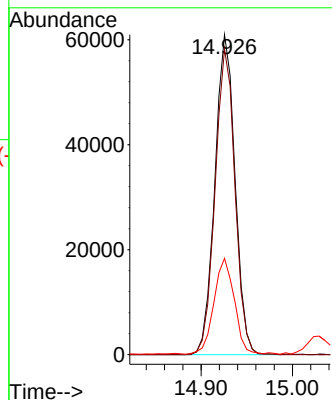
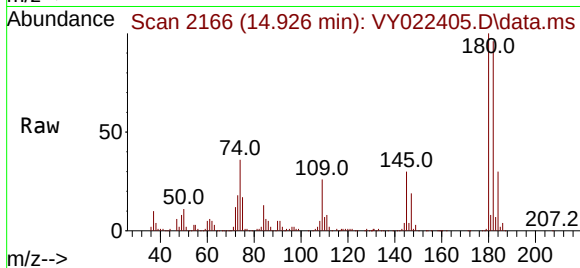
Tgt Ion:180 Resp: 93449

Ion Ratio Lower Upper

180 100

182 94.1 48.0 144.0

145 30.2 15.0 45.1



#94

Hexachlorobutadiene

Concen: 43.061 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY022405.D

Acq: 22 May 2025 18:49

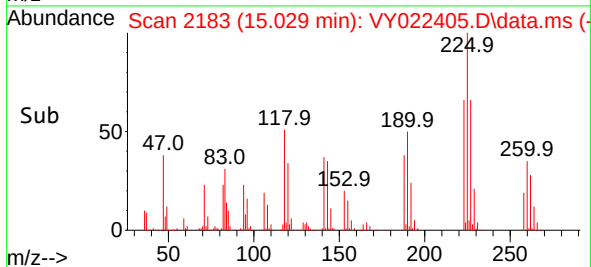
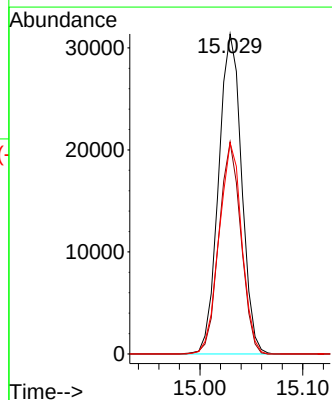
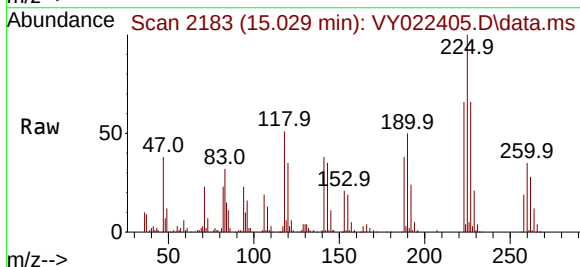
Tgt Ion:225 Resp: 48651

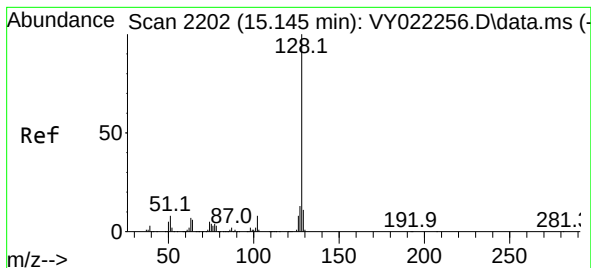
Ion Ratio Lower Upper

225 100

223 63.5 31.5 94.5

227 65.2 32.1 96.3





#95

Naphthalene

Concen: 48.894 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY022405.D

Acq: 22 May 2025 18:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

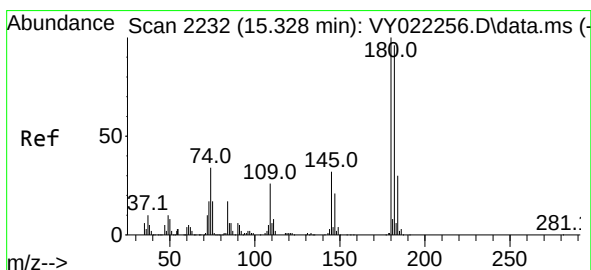
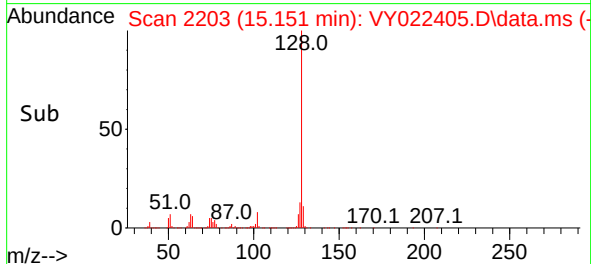
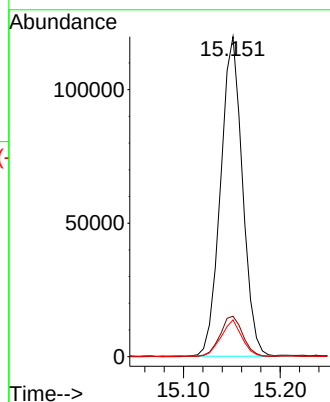
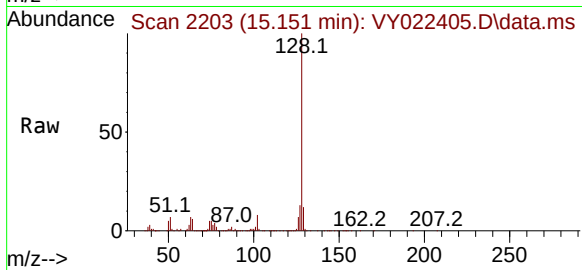
Tgt Ion:128 Resp: 187979

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.2

129 10.7 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 47.365 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY022405.D

Acq: 22 May 2025 18:49

Tgt Ion:180 Resp: 81405

Ion Ratio Lower Upper

180 100

182 93.2 47.1 141.3

145 32.1 15.9 47.6

