

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
 Data File : VY023896.D
 Acq On : 04 Dec 2025 15:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 05 01:48:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 03:49:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	524621	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	768850	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	682244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	369274	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	216326	41.220	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.440%
35) Dibromofluoromethane	7.640	113	228688	46.376	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.760%
50) Toluene-d8	10.109	98	844643	44.017	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.040%
62) 4-Bromofluorobenzene	12.408	95	296040	45.231	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.460%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	175104	44.128	ug/l	97
3) Chloromethane	2.074	50	240398	42.470	ug/l	97
4) Vinyl Chloride	2.208	62	297463	46.070	ug/l	100
5) Bromomethane	2.604	94	234578	50.317	ug/l	99
6) Chloroethane	2.739	64	204526	46.722	ug/l	98
7) Trichlorofluoromethane	3.062	101	428496	47.463	ug/l	97
8) Diethyl Ether	3.458	74	122995	45.475	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.824	101	244299	45.165	ug/l	96
10) Methyl Iodide	4.013	142	302245	50.373	ug/l	98
11) Tert butyl alcohol	4.872	59	81259	213.515	ug/l	99
12) 1,1-Dichloroethene	3.799	96	235241	46.546	ug/l	90
13) Acrolein	3.659	56	54813	167.297	ug/l	95
14) Allyl chloride	4.391	41	298512	36.943	ug/l #	92
15) Acrylonitrile	5.061	53	249840	212.240	ug/l	100
16) Acetone	3.873	43	308372	196.089	ug/l	97
17) Carbon Disulfide	4.116	76	696637	46.653	ug/l	100
18) Methyl Acetate	4.391	43	109382	41.006	ug/l	93
19) Methyl tert-butyl Ether	5.122	73	604209	47.593	ug/l	95
20) Methylene Chloride	4.622	84	261881	46.086	ug/l	90
21) trans-1,2-Dichloroethene	5.122	96	260772	46.766	ug/l	92
22) Diisopropyl ether	6.025	45	677560	38.083	ug/l #	94
23) Vinyl Acetate	5.964	43	1997493	202.541	ug/l #	91
24) 1,1-Dichloroethane	5.921	63	421171	40.971	ug/l	97
25) 2-Butanone	6.896	43	362156	191.032	ug/l #	89
26) 2,2-Dichloropropane	6.890	77	389986	41.392	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	307123	47.433	ug/l	90
28) Bromochloromethane	7.250	49	145885	37.142	ug/l #	75
29) Tetrahydrofuran	7.268	42	197544	201.485	ug/l #	86
30) Chloroform	7.427	83	464704	44.736	ug/l	97
31) Cyclohexane	7.707	56	377805	38.439	ug/l	88
32) 1,1,1-Trichloroethane	7.622	97	429299	45.783	ug/l	98
36) 1,1-Dichloropropene	7.841	75	330964	45.517	ug/l	96
37) Ethyl Acetate	6.988	43	145744	43.407	ug/l	96
38) Carbon Tetrachloride	7.823	117	402277	50.128	ug/l	99
39) Methylcyclohexane	9.109	83	445512	47.071	ug/l	93
40) Benzene	8.085	78	1013082	46.095	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	72745	42.030	ug/l #	91
42) 1,2-Dichloroethane	8.158	62	269011	46.905	ug/l	98
43) Isopropyl Acetate	8.201	43	277393	44.156	ug/l	97
44) Trichloroethene	8.866	130	296055	52.352	ug/l	96
45) 1,2-Dichloropropane	9.140	63	226516	43.528	ug/l	95
46) Dibromomethane	9.231	93	144213	51.188	ug/l	93
47) Bromodichloromethane	9.426	83	359145	48.318	ug/l	98
48) Methyl methacrylate	9.219	41	131216	44.709	ug/l	88
49) 1,4-Dioxane	9.231	88	33776	1078.204	ug/l	91
51) 4-Methyl-2-Pentanone	10.000	43	733217	221.960	ug/l	96
52) Toluene	10.170	92	674169	48.983	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	322936	48.138	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	375916	47.586	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	187053	49.185	ug/l	97
56) Ethyl methacrylate	10.438	69	248015	45.113	ug/l	93
57) 1,3-Dichloropropane	10.719	76	312537	47.713	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	533559	222.709	ug/l	92
59) 2-Hexanone	10.762	43	543533	218.163	ug/l	95
60) Dibromochloromethane	10.914	129	272412	53.419	ug/l	100
61) 1,2-Dibromoethane	11.018	107	186865	53.915	ug/l	100
64) Tetrachloroethene	10.646	164	371006	55.570	ug/l	97
65) Chlorobenzene	11.444	112	749848	48.154	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	264515	49.786	ug/l	100
67) Ethyl Benzene	11.518	91	1259482	46.785	ug/l	99
68) m/p-Xylenes	11.627	106	1007068	97.872	ug/l	96
69) o-Xylene	11.956	106	476885	49.551	ug/l	97
70) Styrene	11.969	104	789301	49.752	ug/l	97
71) Bromoform	12.133	173	167684	55.858	ug/l #	98
73) Isopropylbenzene	12.255	105	1231921	45.280	ug/l	98
74) N-amyl acetate	12.072	43	240866	40.849	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.505	83	190692	43.441	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	271400	74.135	ug/l #	100
77) Bromobenzene	12.530	156	308843	48.878	ug/l	91
78) n-propylbenzene	12.597	91	1418855	43.218	ug/l	97
79) 2-Chlorotoluene	12.682	91	807615	43.315	ug/l	95
80) 1,3,5-Trimethylbenzene	12.737	105	993797	44.955	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	65670	42.964	ug/l	95
82) 4-Chlorotoluene	12.780	91	833501	43.119	ug/l	97
83) tert-Butylbenzene	12.999	119	900733	45.195	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	987507	45.091	ug/l	97
85) sec-Butylbenzene	13.176	105	1304369	43.998	ug/l	98
86) p-Isopropyltoluene	13.292	119	1114533	45.405	ug/l	98
87) 1,3-Dichlorobenzene	13.286	146	587666	46.163	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	575254	46.078	ug/l	99
89) n-Butylbenzene	13.615	91	964035	42.432	ug/l	98
90) Hexachloroethane	13.877	117	223909	43.481	ug/l	93
91) 1,2-Dichlorobenzene	13.657	146	519881	46.953	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	32840	47.581	ug/l	93
93) 1,2,4-Trichlorobenzene	14.919	180	314640	47.929	ug/l	99
94) Hexachlorobutadiene	15.023	225	195719	47.520	ug/l	99
95) Naphthalene	15.145	128	549778	50.818	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	272576	48.657	ug/l	98

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QLast Update : Thu Dec 04 03:49:13 2025
Response via : Initial Calibration

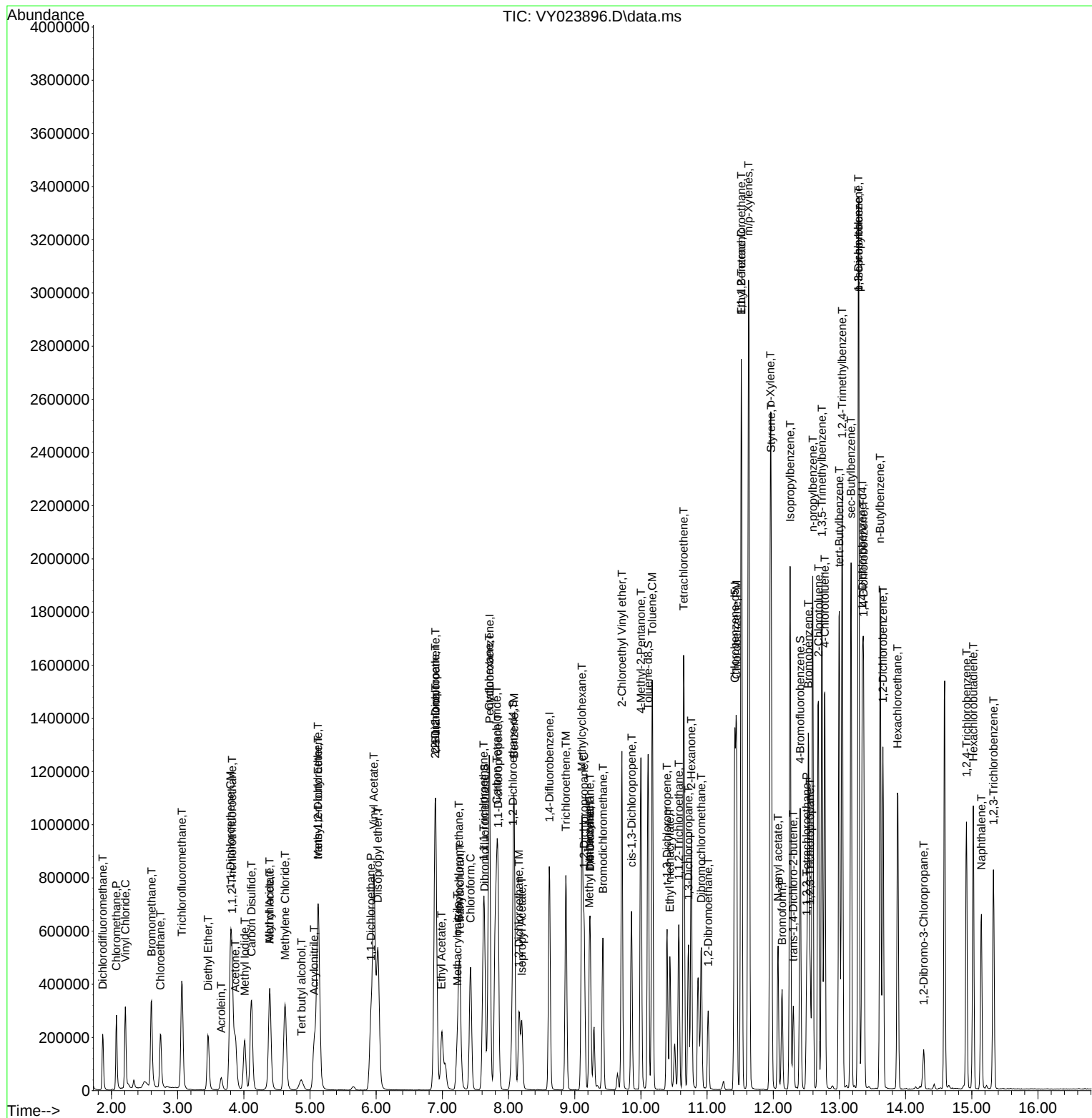
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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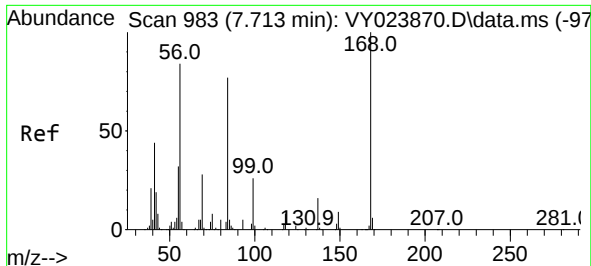
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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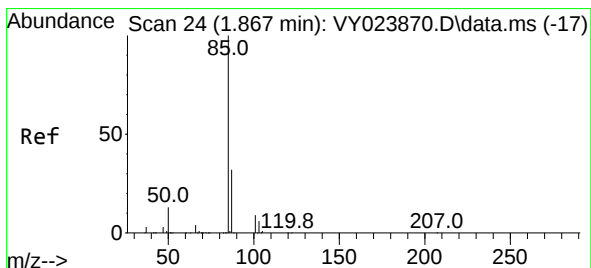
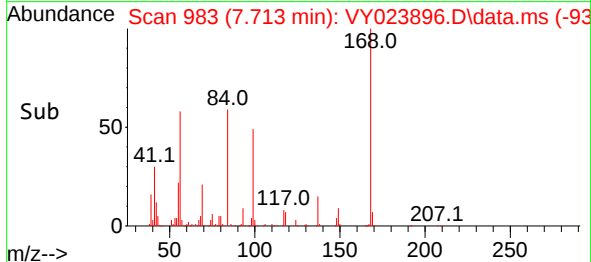
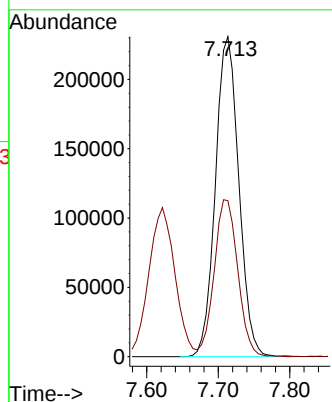
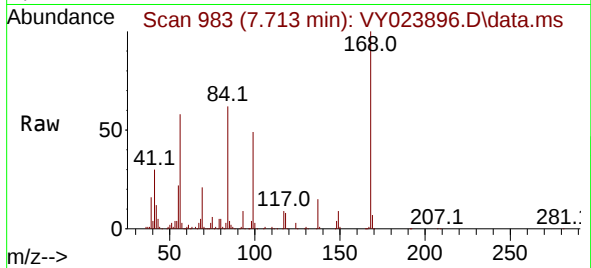




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
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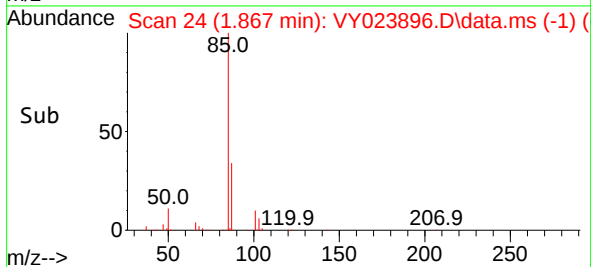
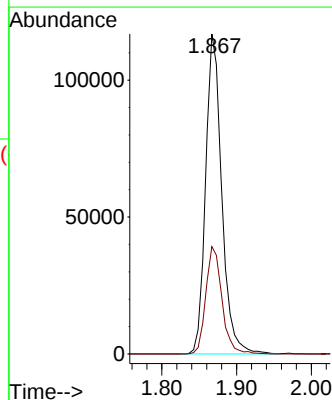
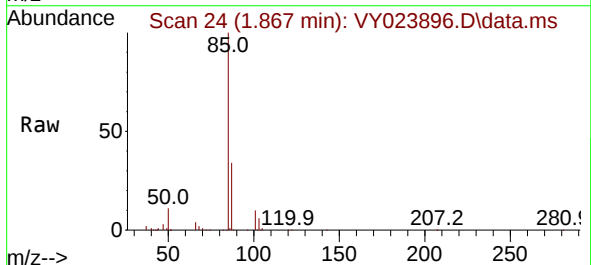
Instrument :
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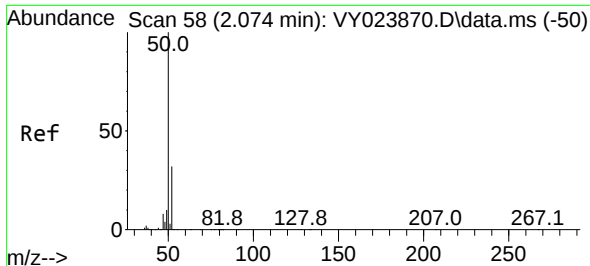
Tgt Ion:168 Resp: 524621
Ion Ratio Lower Upper
168 100
99 48.6 42.5 63.7



#2
Dichlorodifluoromethane
Concen: 44.128 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

Tgt Ion: 85 Resp: 175104
Ion Ratio Lower Upper
85 100
87 33.5 15.9 47.6

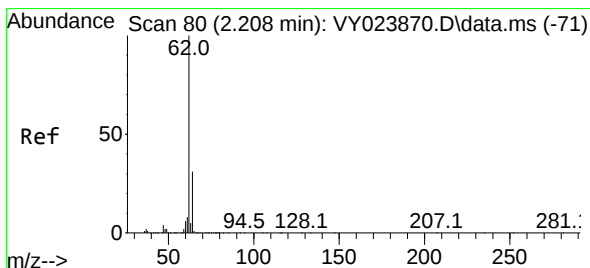
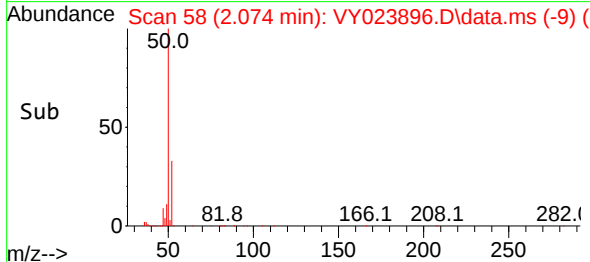
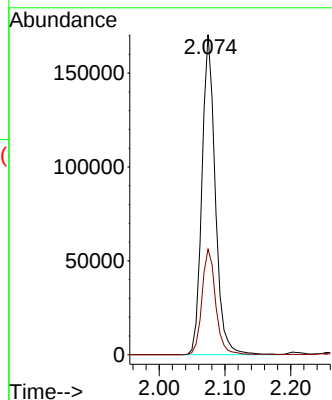
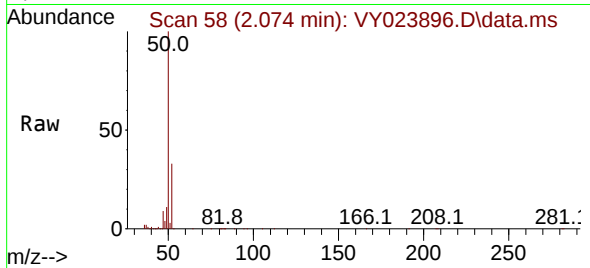




#3
Chloromethane
Concen: 42.470 ug/l
RT: 2.074 min Scan# 58
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

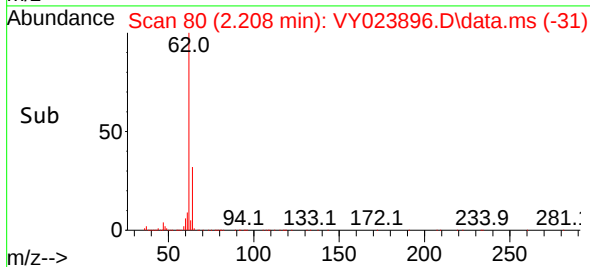
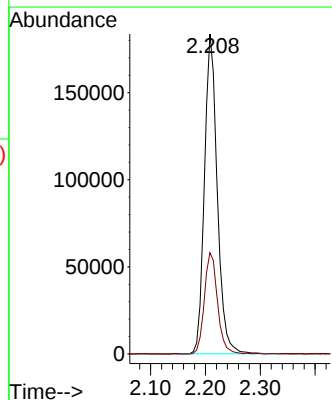
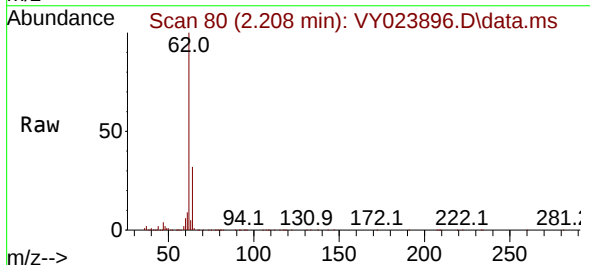
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ClientSampleId :
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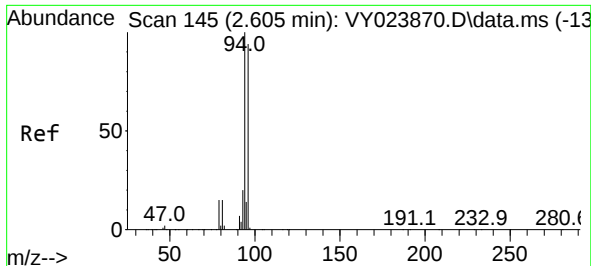
Tgt Ion: 50 Resp: 240398
Ion Ratio Lower Upper
50 100
52 32.9 25.2 37.8



#4
Vinyl Chloride
Concen: 46.070 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.000 min
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Acq: 04 Dec 2025 15:52

Tgt Ion: 62 Resp: 297463
Ion Ratio Lower Upper
62 100
64 31.7 25.1 37.7

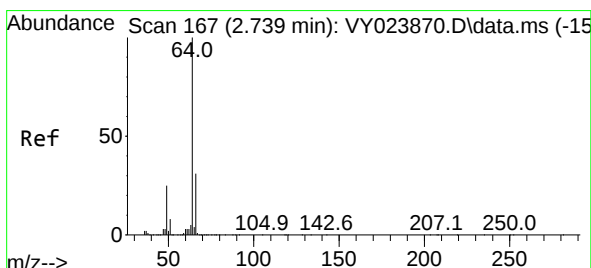
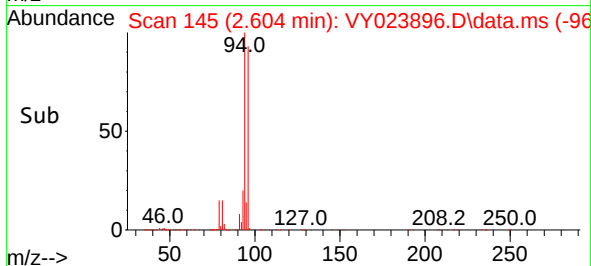
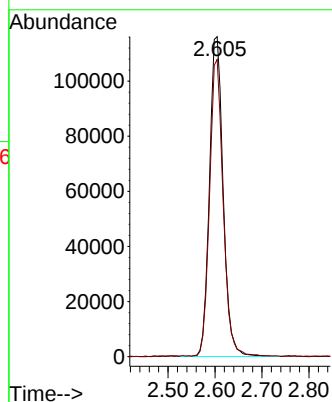
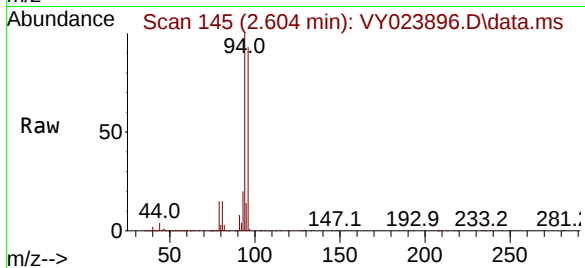




#5
Bromomethane
Concen: 50.317 ug/l
RT: 2.604 min Scan# 145
Delta R.T. -0.000 min
Lab File: VY023896.D
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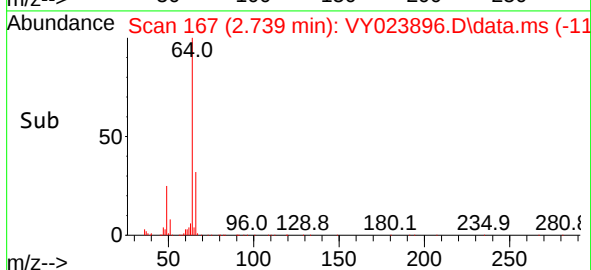
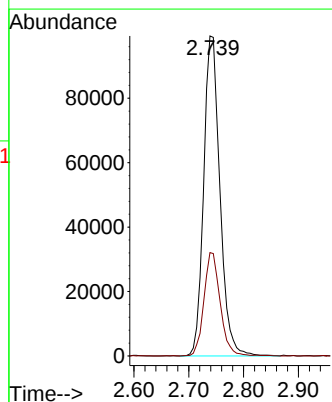
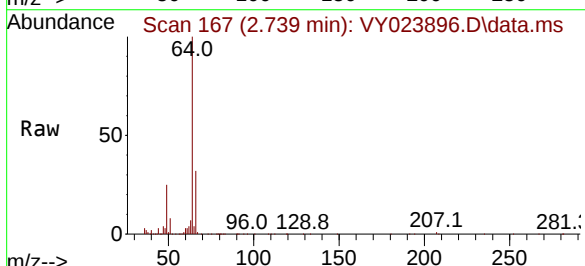
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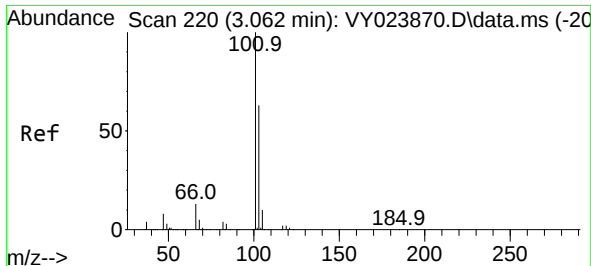
Tgt Ion: 94 Resp: 234578
Ion Ratio Lower Upper
94 100
96 92.8 75.2 112.8



#6
Chloroethane
Concen: 46.722 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY023896.D
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Tgt Ion: 64 Resp: 204526
Ion Ratio Lower Upper
64 100
66 32.3 24.8 37.2

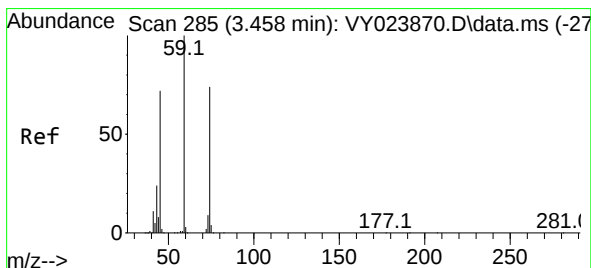
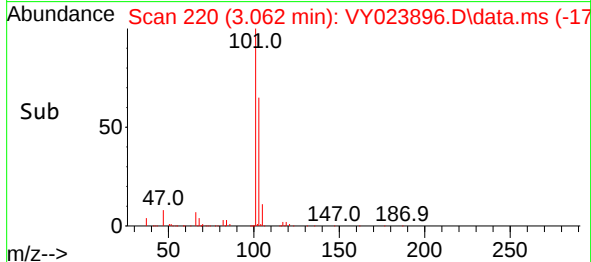
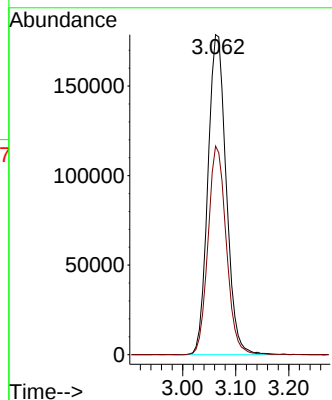
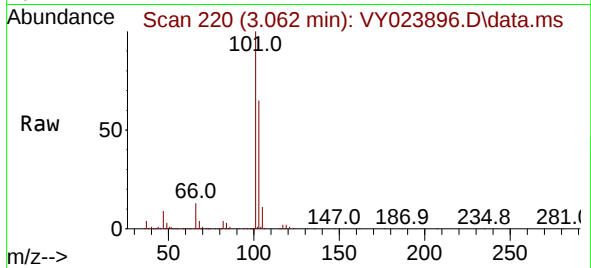




#7
Trichlorofluoromethane
Concen: 47.463 ug/l
RT: 3.062 min Scan# 211
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

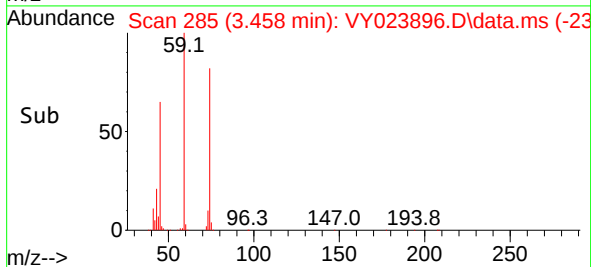
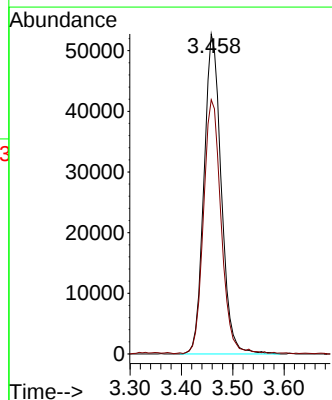
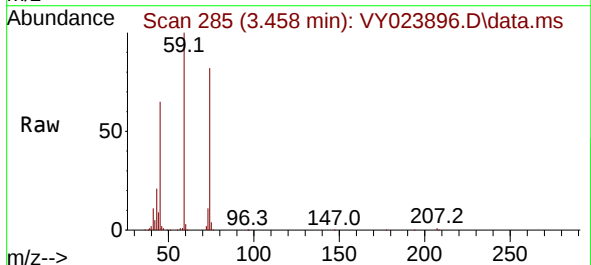
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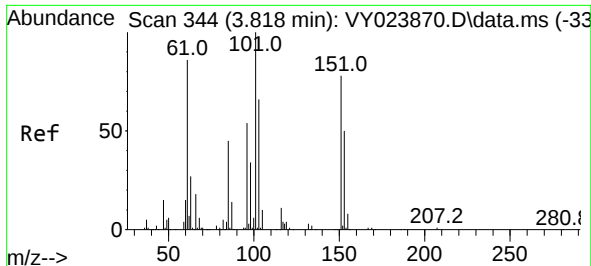
Tgt Ion:101 Resp: 428496
Ion Ratio Lower Upper
101 100
103 65.2 50.2 75.2



#8
Diethyl Ether
Concen: 45.475 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 122995
Ion Ratio Lower Upper
74 100
45 81.1 48.4 145.3

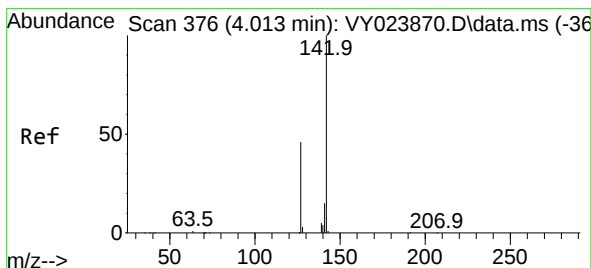
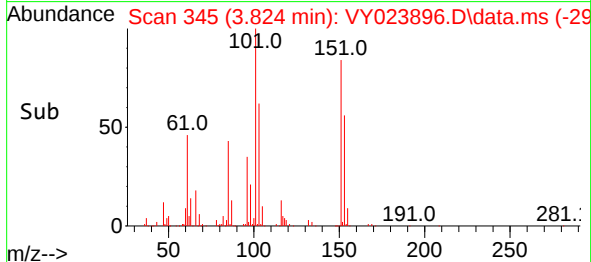
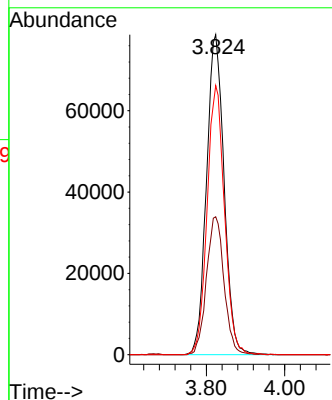
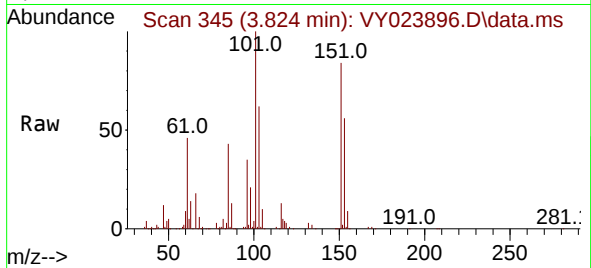




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.165 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

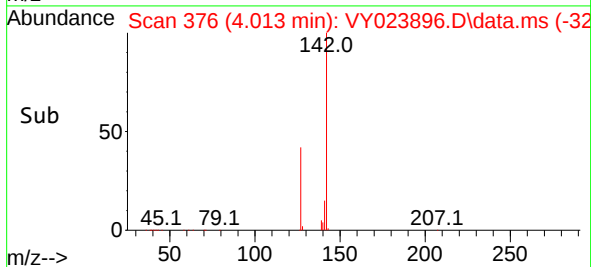
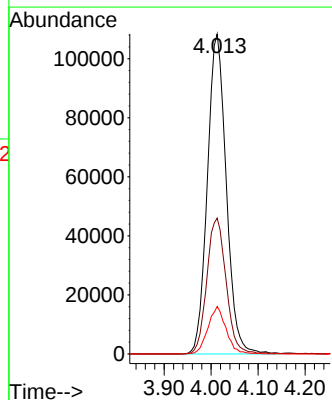
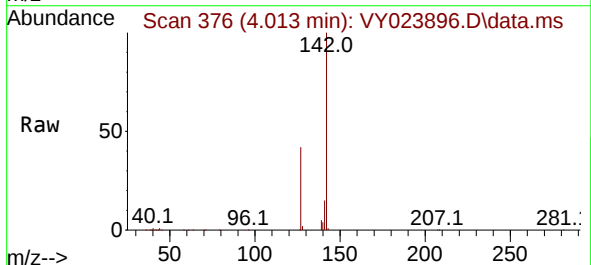
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

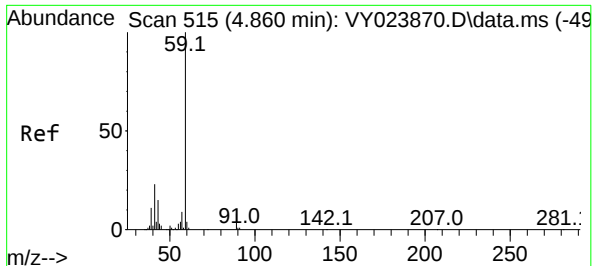
Tgt Ion:101 Resp: 244299
Ion Ratio Lower Upper
101 100
85 43.2 35.8 53.8
151 83.2 63.4 95.0



#10
Methyl Iodide
Concen: 50.373 ug/l
RT: 4.013 min Scan# 376
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

Tgt Ion:142 Resp: 302245
Ion Ratio Lower Upper
142 100
127 43.4 36.1 54.1
141 14.3 11.8 17.8





#11

Tert butyl alcohol

Concen: 213.515 ug/l

RT: 4.872 min Scan# 515

Delta R.T. 0.012 min

Lab File: VY023896.D

Acq: 04 Dec 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

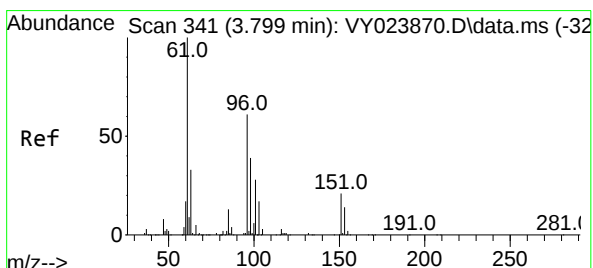
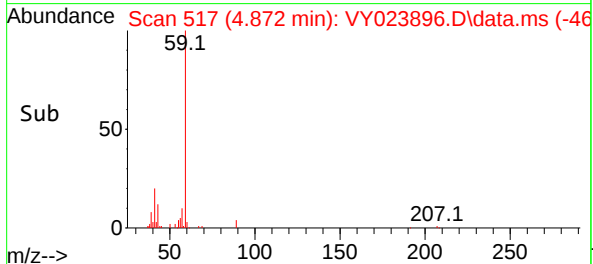
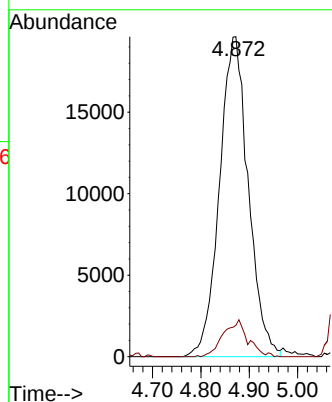
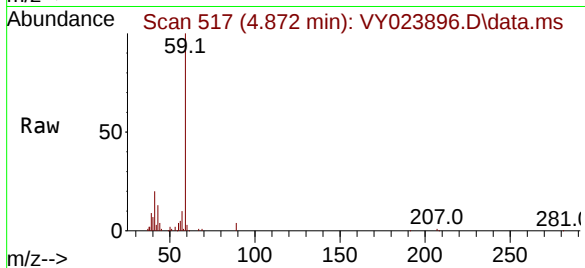
VSTDCCC050EC

Tgt Ion: 59 Resp: 81259

Ion Ratio Lower Upper

59 100

57 9.9 7.7 11.5



#12

1,1-Dichloroethene

Concen: 46.546 ug/l

RT: 3.799 min Scan# 341

Delta R.T. -0.000 min

Lab File: VY023896.D

Acq: 04 Dec 2025 15:52

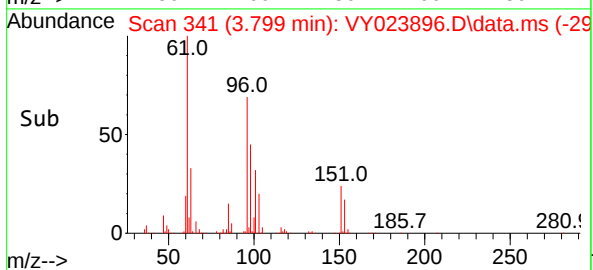
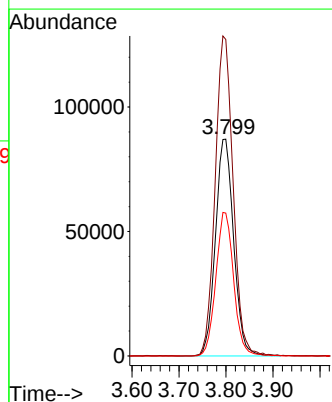
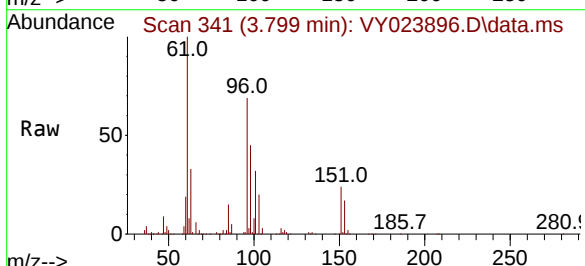
Tgt Ion: 96 Resp: 235241

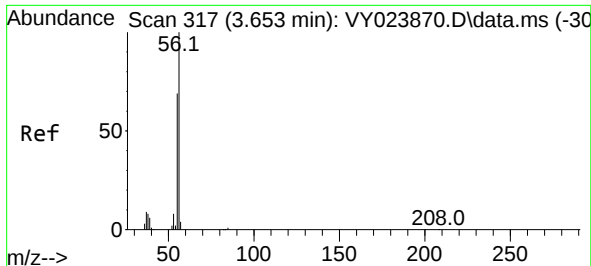
Ion Ratio Lower Upper

96 100

61 145.9 131.2 196.8

98 65.9 51.3 76.9

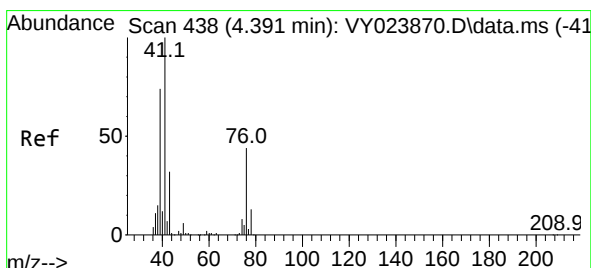
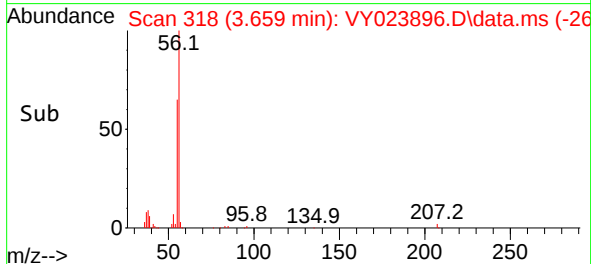
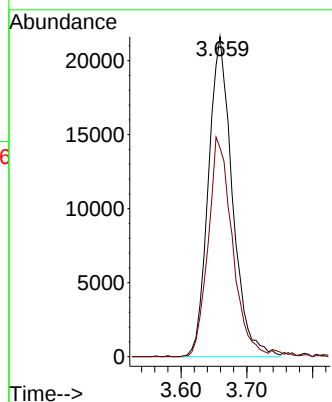
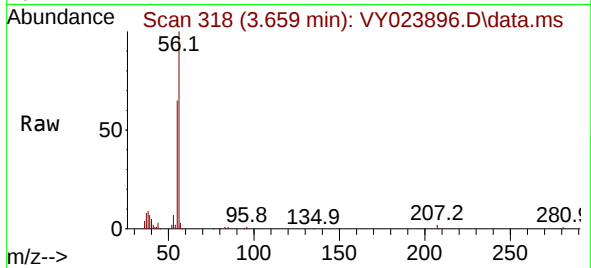




#13
Acrolein
Concen: 167.297 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

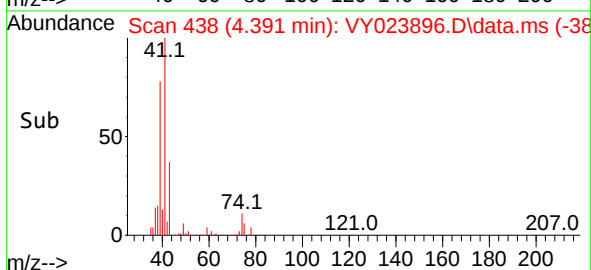
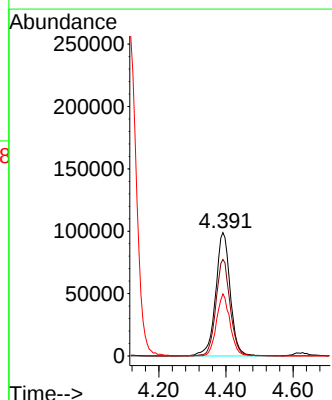
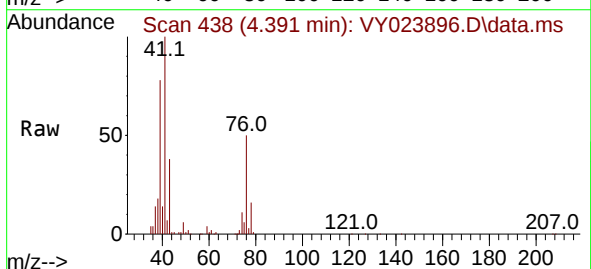
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

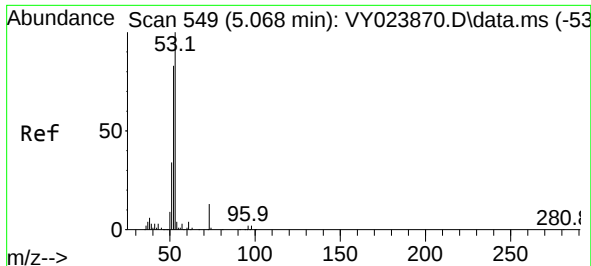
Tgt Ion: 56 Resp: 54813
Ion Ratio Lower Upper
56 100
55 69.2 59.0 88.6



#14
Allyl chloride
Concen: 36.943 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

Tgt Ion: 41 Resp: 298512
Ion Ratio Lower Upper
41 100
39 76.6 57.4 86.0
76 46.4 30.8 46.2#

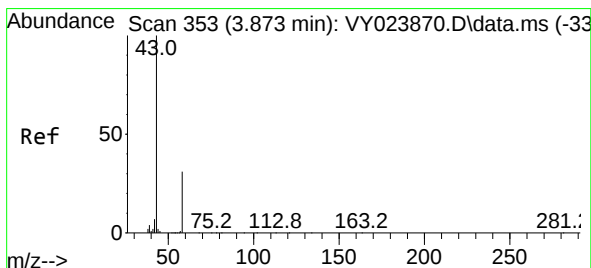
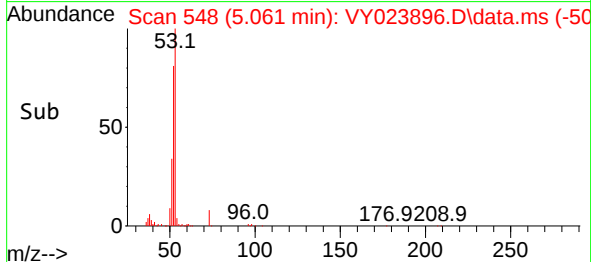
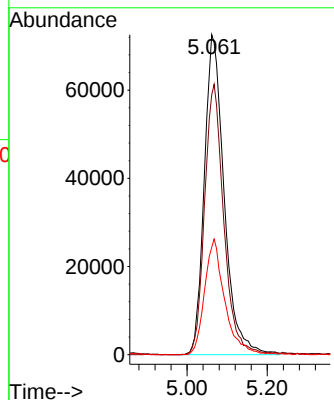
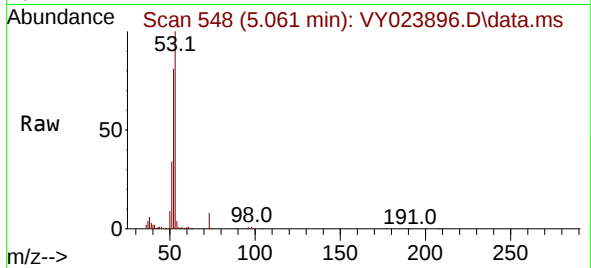




#15
Acrylonitrile
Concen: 212.240 ug/l
RT: 5.061 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

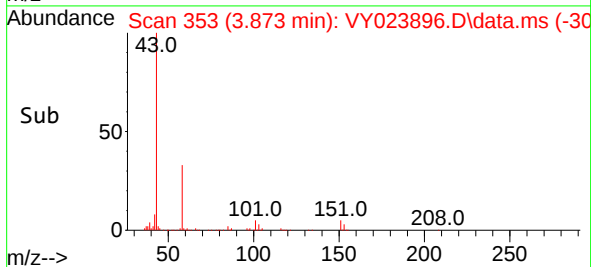
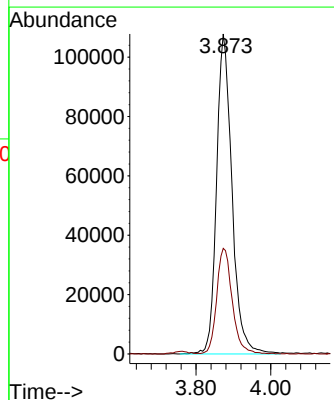
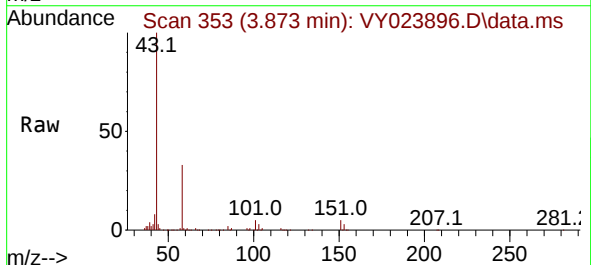
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

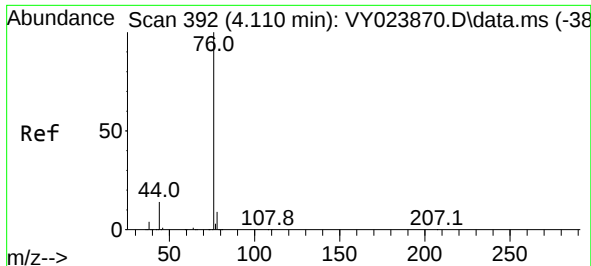
Tgt Ion: 53 Resp: 249840
Ion Ratio Lower Upper
53 100
52 81.6 65.1 97.7
51 36.5 29.5 44.3



#16
Acetone
Concen: 196.089 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

Tgt Ion: 43 Resp: 308372
Ion Ratio Lower Upper
43 100
58 33.0 25.1 37.7





#17

Carbon Disulfide

Concen: 46.653 ug/l

RT: 4.116 min Scan# 392

Delta R.T. 0.006 min

Lab File: VY023896.D

Acq: 04 Dec 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

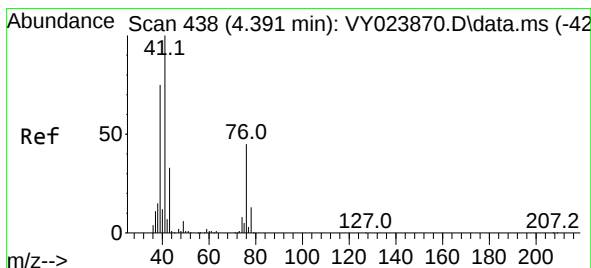
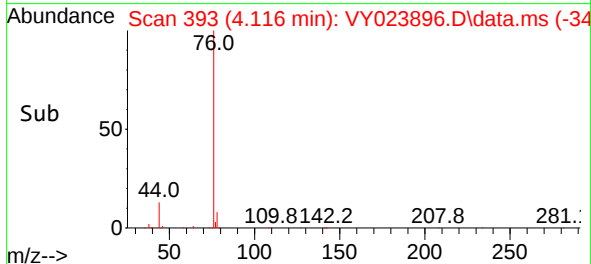
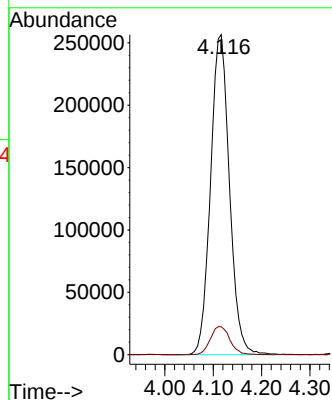
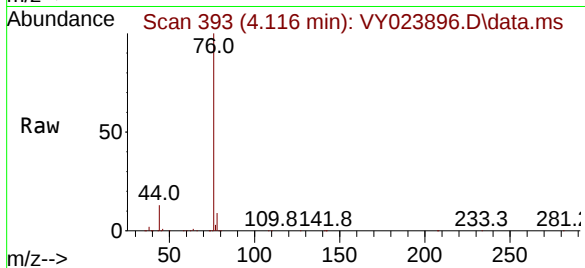
VSTDCCC050EC

Tgt Ion: 76 Resp: 696637

Ion Ratio Lower Upper

76 100

78 8.7 7.1 10.7



#18

Methyl Acetate

Concen: 41.006 ug/l

RT: 4.391 min Scan# 438

Delta R.T. -0.000 min

Lab File: VY023896.D

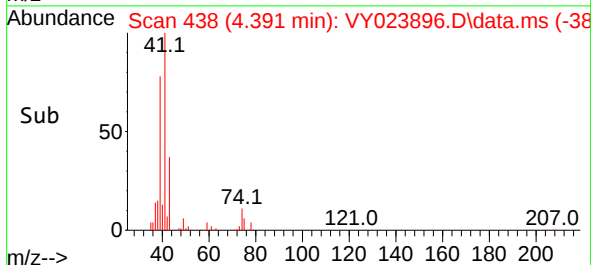
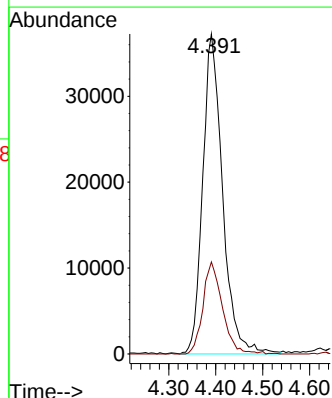
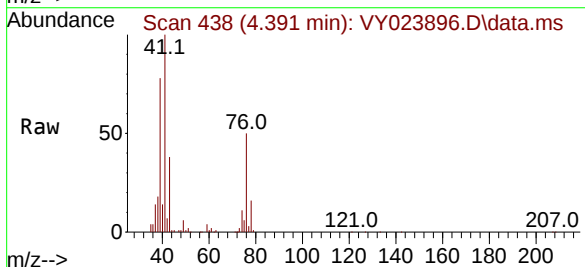
Acq: 04 Dec 2025 15:52

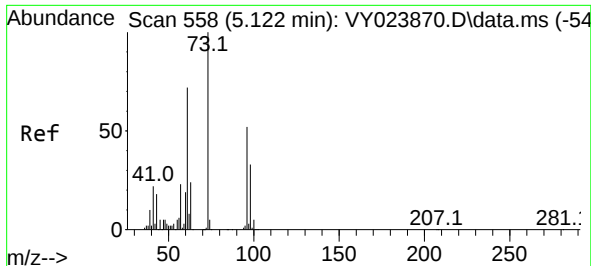
Tgt Ion: 43 Resp: 109382

Ion Ratio Lower Upper

43 100

74 27.9 19.6 29.4





#19

Methyl tert-butyl Ether

Concen: 47.593 ug/l

RT: 5.122 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY023896.D

Acq: 04 Dec 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

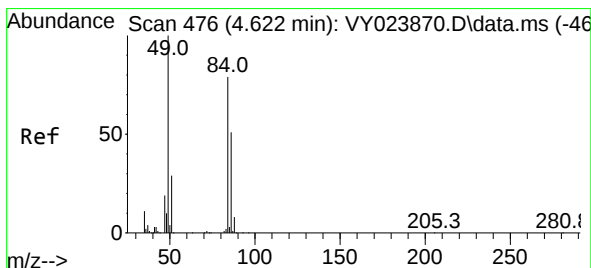
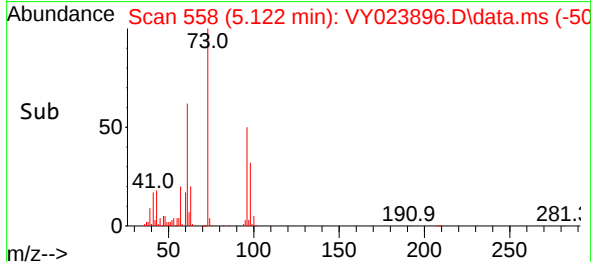
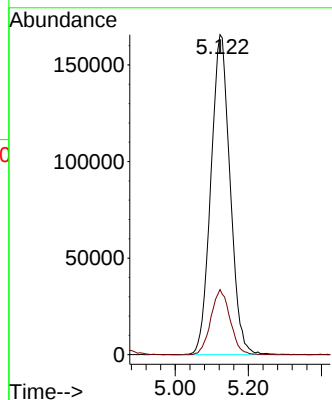
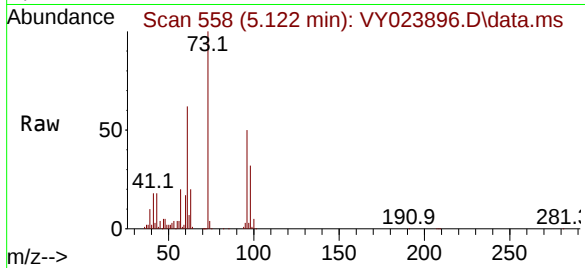
VSTDCCC050EC

Tgt Ion: 73 Resp: 604209

Ion Ratio Lower Upper

73 100

57 20.4 18.2 27.2



#20

Methylene Chloride

Concen: 46.086 ug/l

RT: 4.622 min Scan# 476

Delta R.T. -0.000 min

Lab File: VY023896.D

Acq: 04 Dec 2025 15:52

Tgt Ion: 84 Resp: 261881

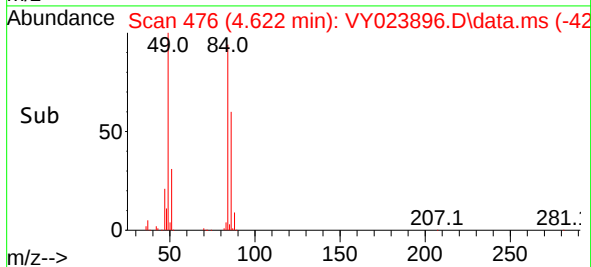
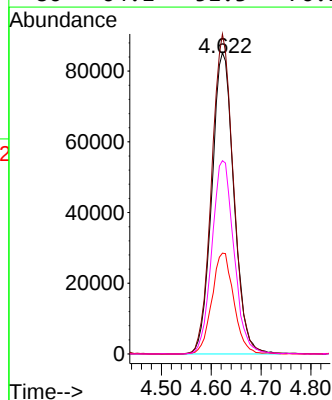
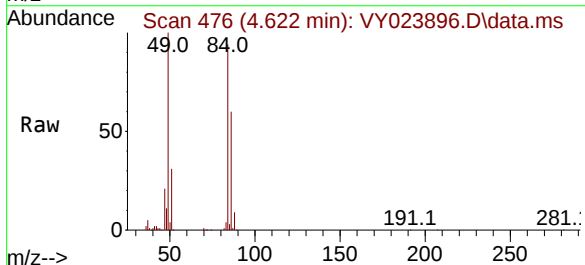
Ion Ratio Lower Upper

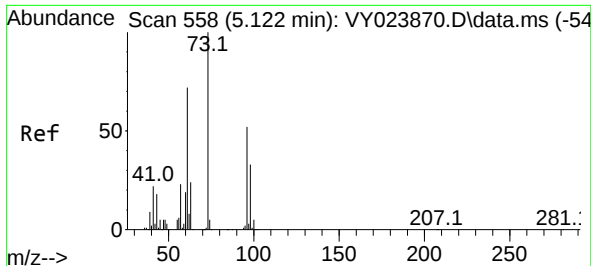
84 100

49 106.2 100.6 151.0

51 33.4 29.0 43.6

86 64.1 51.3 76.9

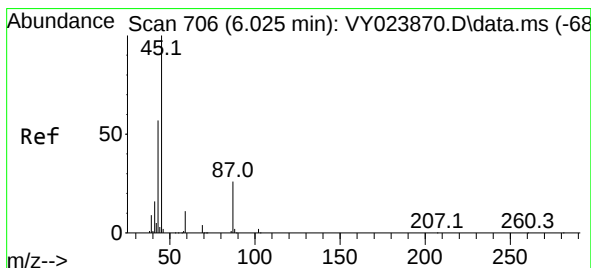
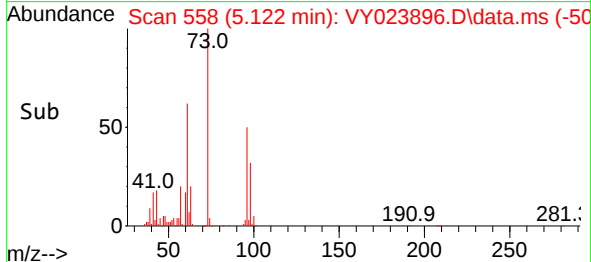
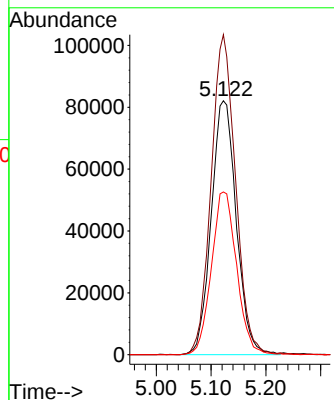
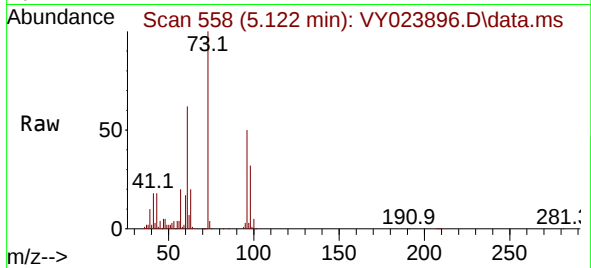




#21
trans-1,2-Dichloroethene
Concen: 46.766 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

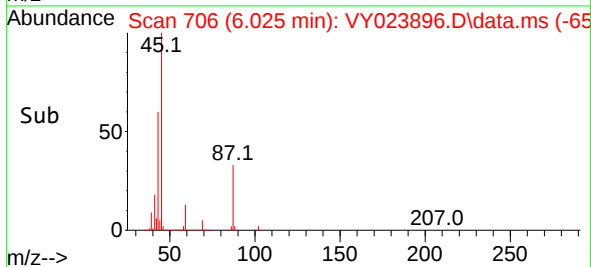
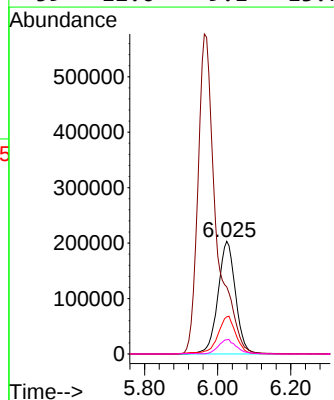
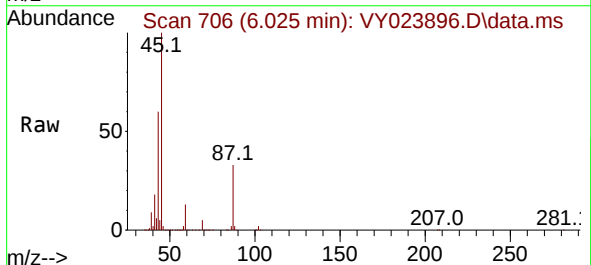
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

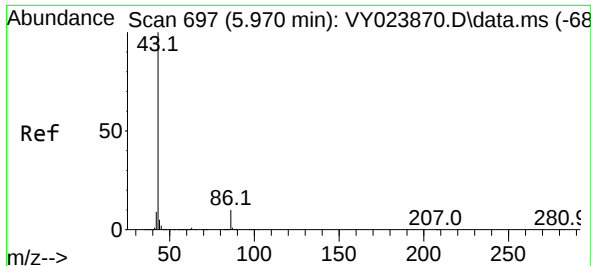
Tgt Ion: 96 Resp: 260772
Ion Ratio Lower Upper
96 100
61 126.1 111.7 167.5
98 64.1 51.5 77.3



#22
Diisopropyl ether
Concen: 38.083 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

Tgt Ion: 45 Resp: 677560
Ion Ratio Lower Upper
45 100
43 59.5 45.5 68.3
87 33.0 20.7 31.1#
59 12.6 9.1 13.7

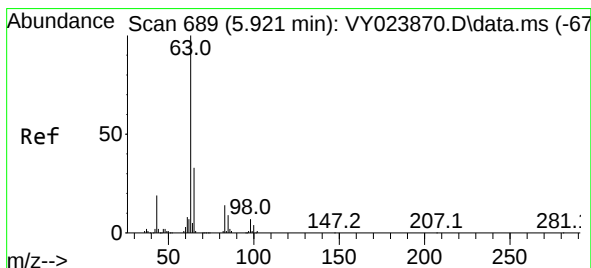
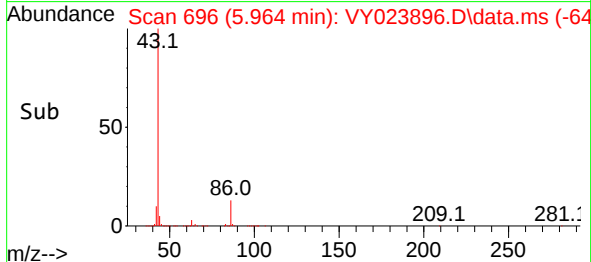
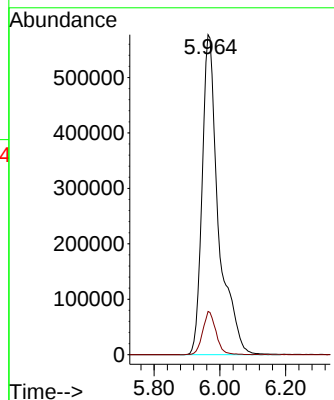
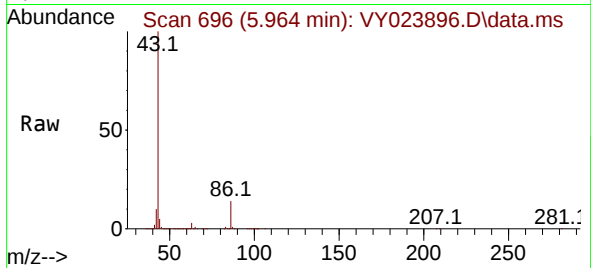




#23
 Vinyl Acetate
 Concen: 202.541 ug/l
 RT: 5.964 min Scan# 697
 Delta R.T. -0.006 min
 Lab File: VY023896.D
 Acq: 04 Dec 2025 15:52

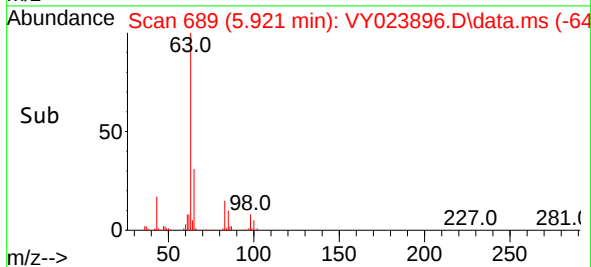
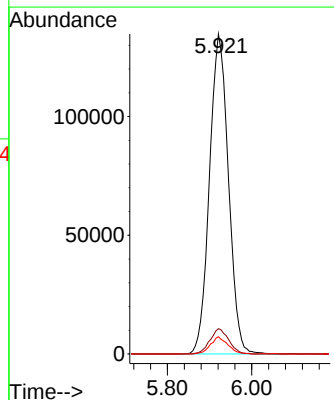
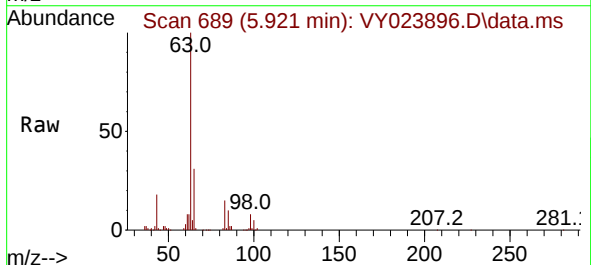
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

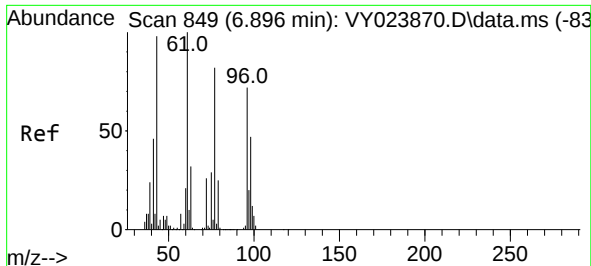
Tgt Ion: 43 Resp: 1997493
 Ion Ratio Lower Upper
 43 100
 86 13.5 8.2 12.4#



#24
 1,1-Dichloroethane
 Concen: 40.971 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY023896.D
 Acq: 04 Dec 2025 15:52

Tgt Ion: 63 Resp: 421171
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.4 10.1
 100 5.4 2.2 6.6

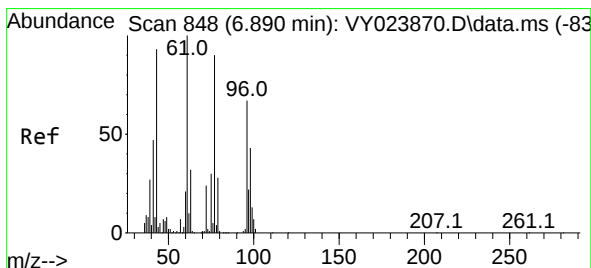
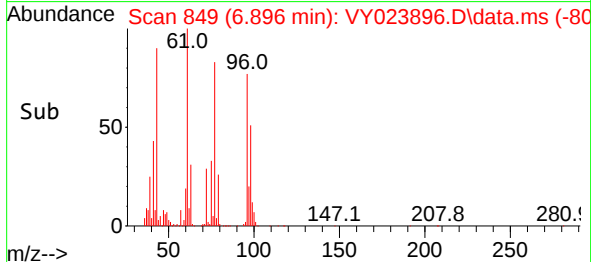
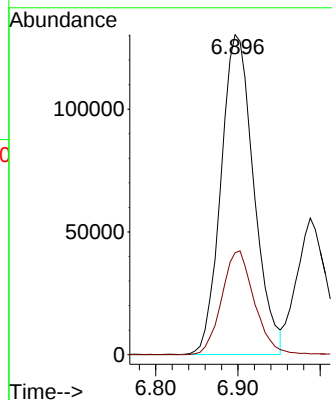
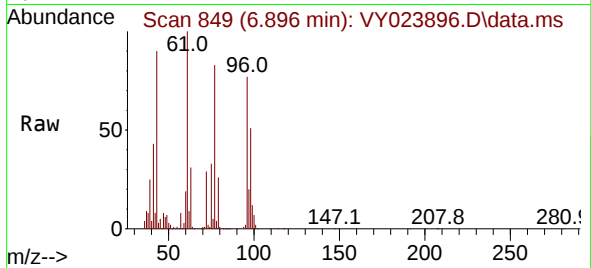




#25
2-Butanone
Concen: 191.032 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

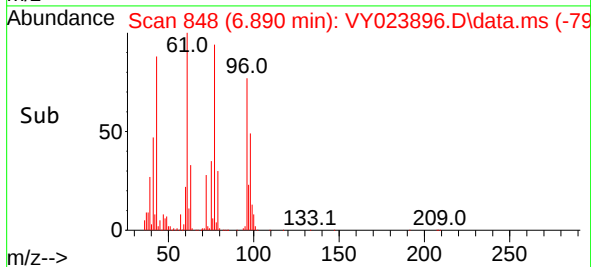
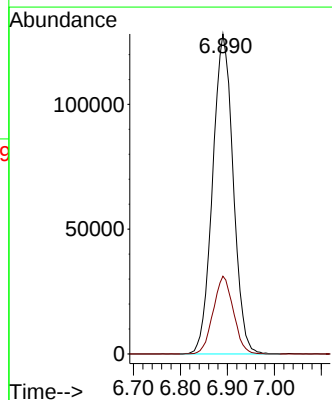
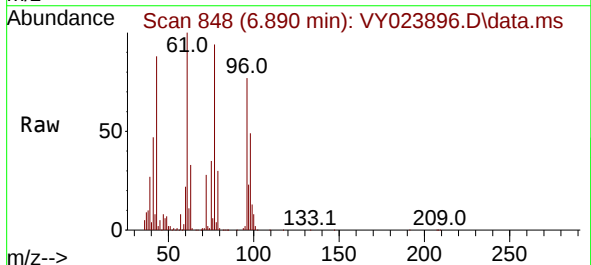
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

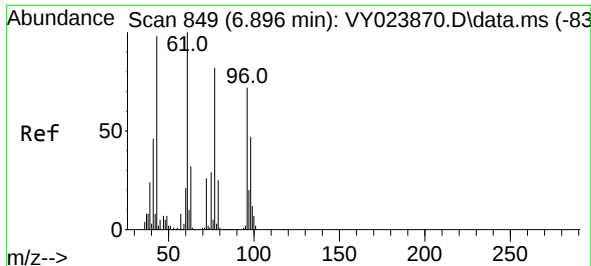
Tgt Ion: 43 Resp: 362156
Ion Ratio Lower Upper
43 100
72 31.9 21.0 31.6#



#26
2,2-Dichloropropane
Concen: 41.392 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

Tgt Ion: 77 Resp: 389986
Ion Ratio Lower Upper
77 100
97 23.8 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 47.433 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY023896.D

Acq: 04 Dec 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

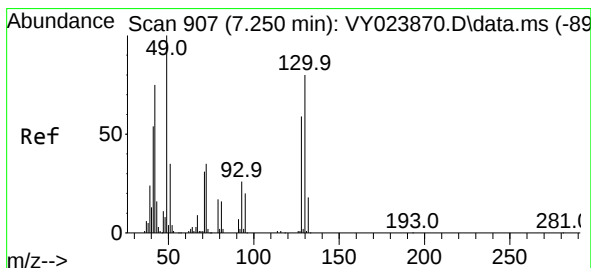
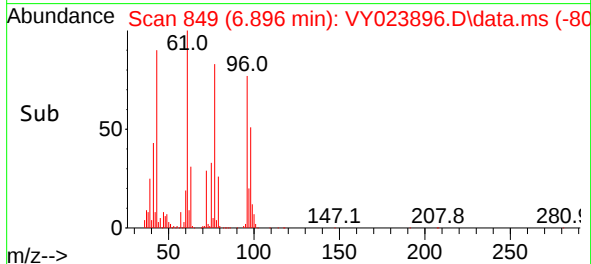
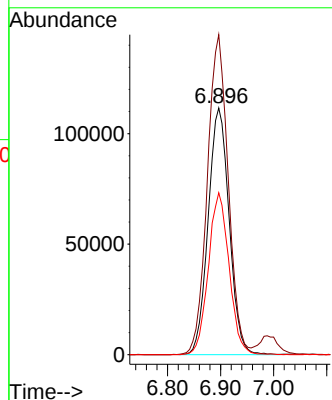
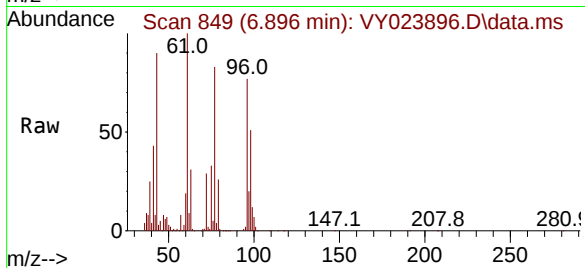
Tgt Ion: 96 Resp: 307123

Ion Ratio Lower Upper

96 100

61 129.1 0.0 292.8

98 64.8 0.0 128.4



#28

Bromochloromethane

Concen: 37.142 ug/l

RT: 7.250 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY023896.D

Acq: 04 Dec 2025 15:52

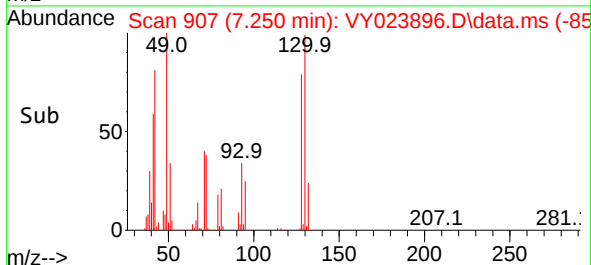
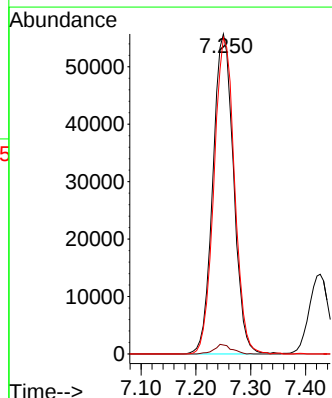
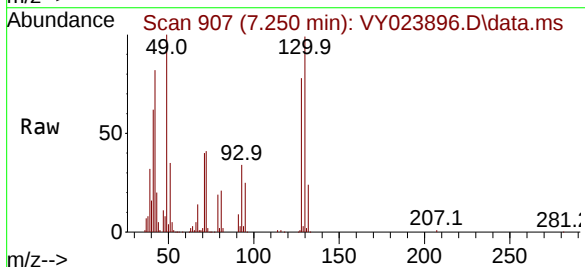
Tgt Ion: 49 Resp: 145885

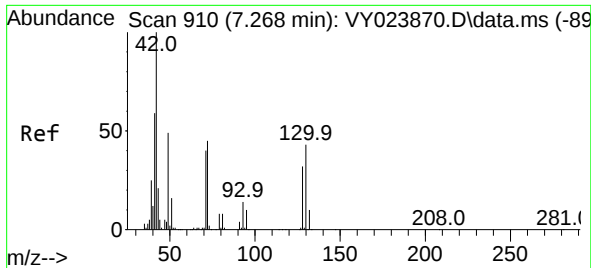
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.2

130 98.3 61.0 91.6#

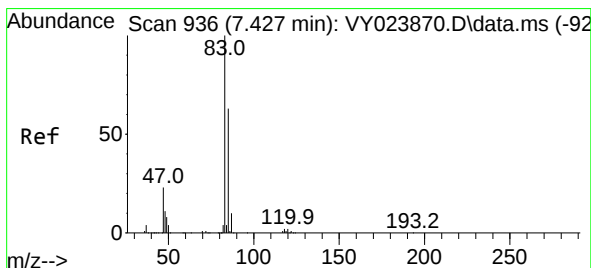
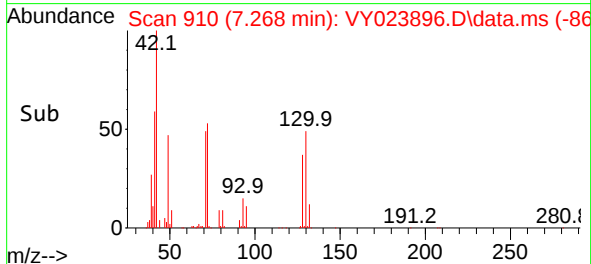
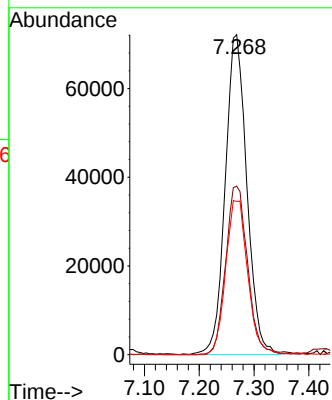
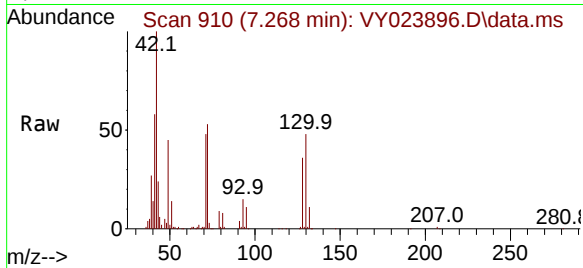




#29
Tetrahydrofuran
Concen: 201.485 ug/l
RT: 7.268 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

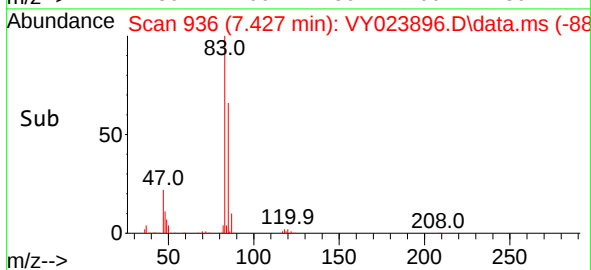
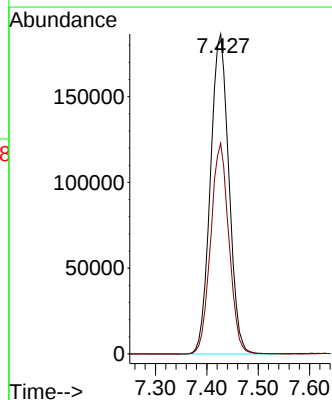
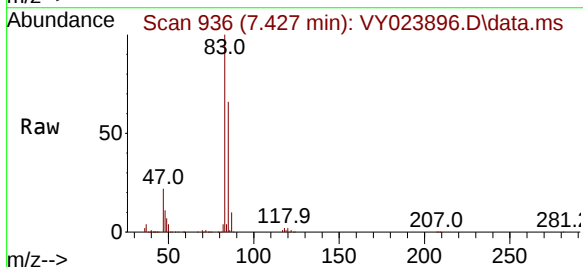
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

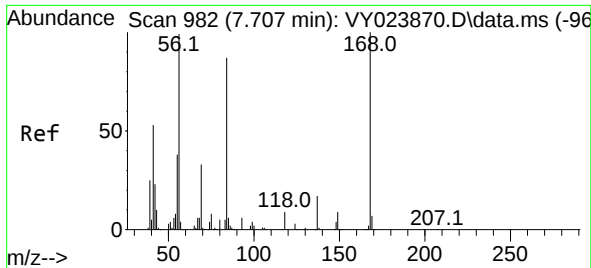
Tgt Ion: 42 Resp: 197544
Ion Ratio Lower Upper
42 100
72 53.4 35.6 53.4
71 49.3 32.5 48.7#



#30
Chloroform
Concen: 44.736 ug/l
RT: 7.427 min Scan# 936
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

Tgt Ion: 83 Resp: 464704
Ion Ratio Lower Upper
83 100
85 65.8 50.6 76.0

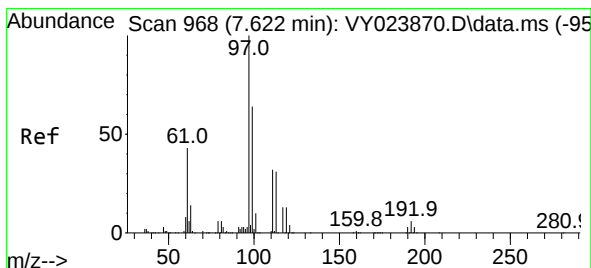
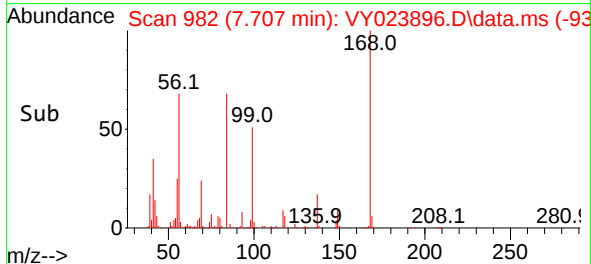
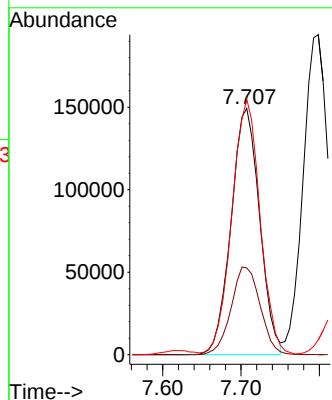
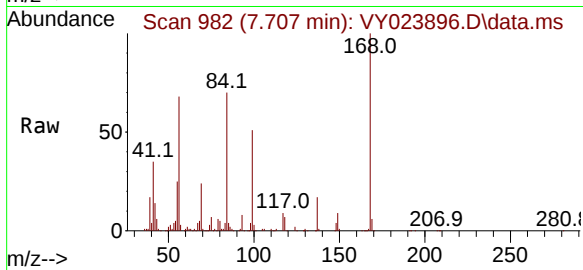




#31
Cyclohexane
Concen: 38.439 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

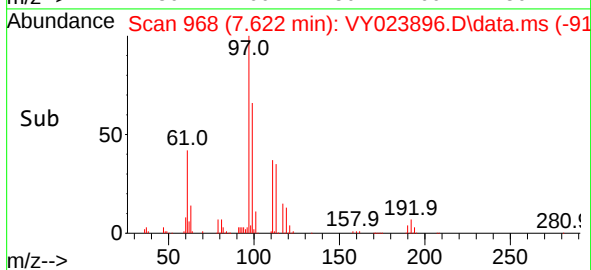
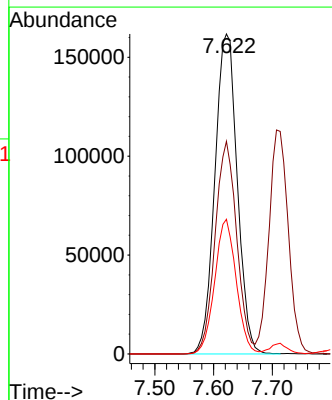
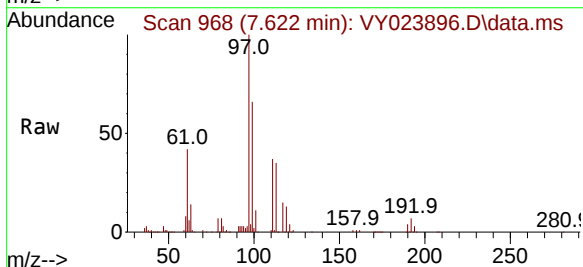
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

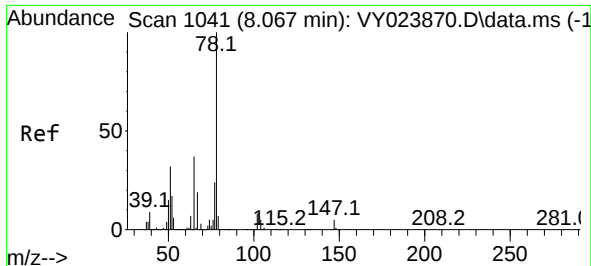
Tgt Ion: 56 Resp: 377805
Ion Ratio Lower Upper
56 100
69 35.3 26.8 40.2
84 102.2 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 45.783 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

Tgt Ion: 97 Resp: 429299
Ion Ratio Lower Upper
97 100
99 64.2 51.2 76.8
61 40.4 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 41.220 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY023896.D

Acq: 04 Dec 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

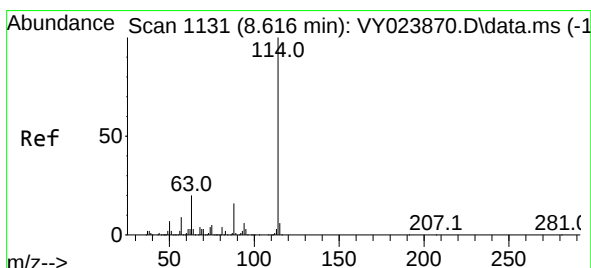
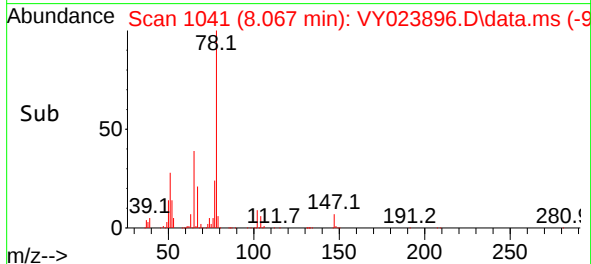
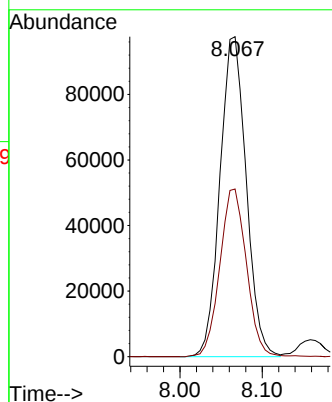
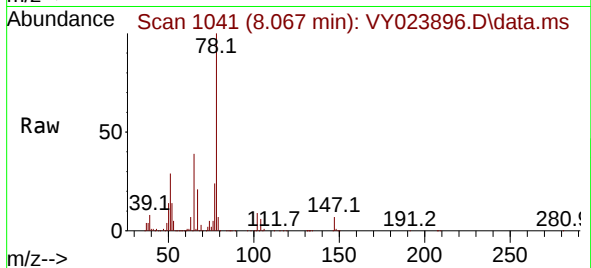
VSTDCCC050EC

Tgt Ion: 65 Resp: 216326

Ion Ratio Lower Upper

65 100

67 53.2 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023896.D

Acq: 04 Dec 2025 15:52

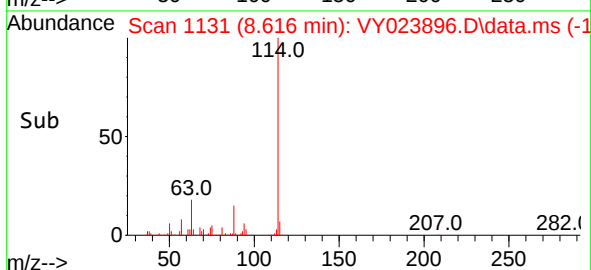
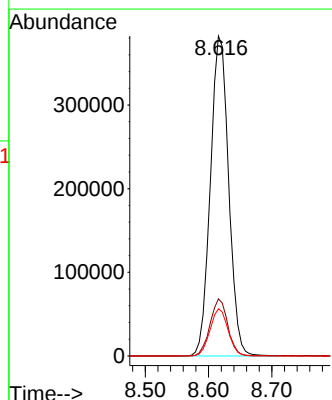
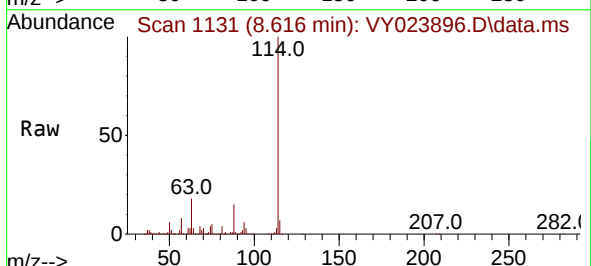
Tgt Ion: 114 Resp: 768850

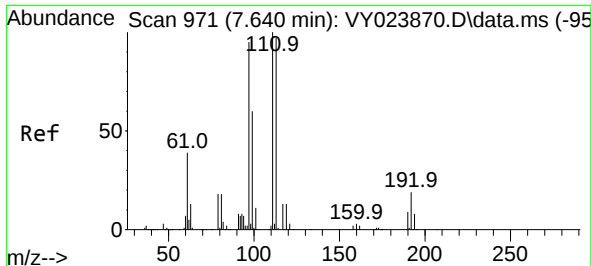
Ion Ratio Lower Upper

114 100

63 17.9 0.0 39.2

88 14.8 0.0 31.4

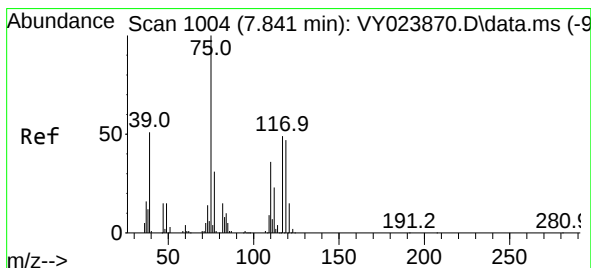
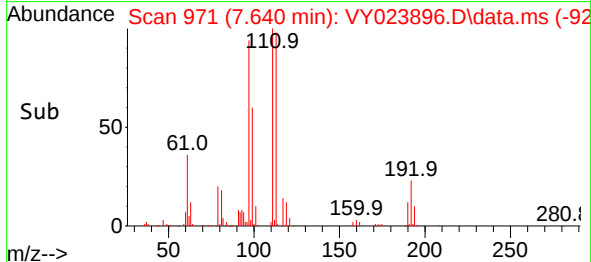
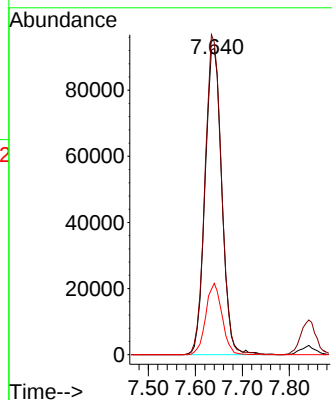
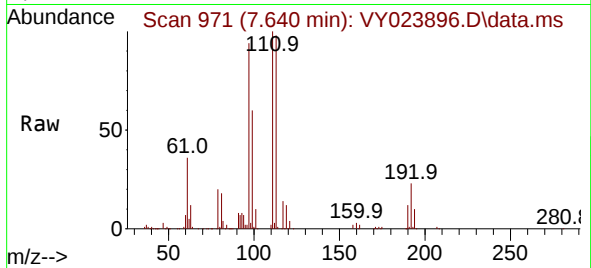




#35
Dibromofluoromethane
Concen: 46.376 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

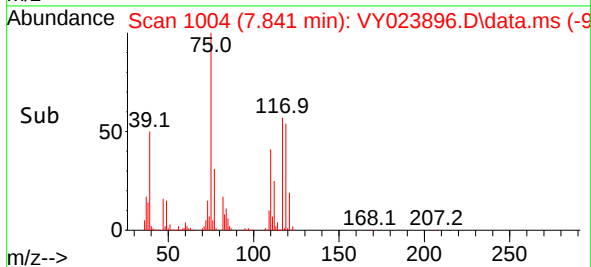
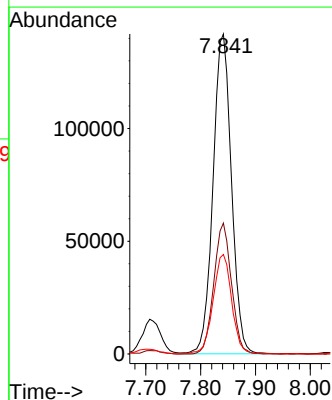
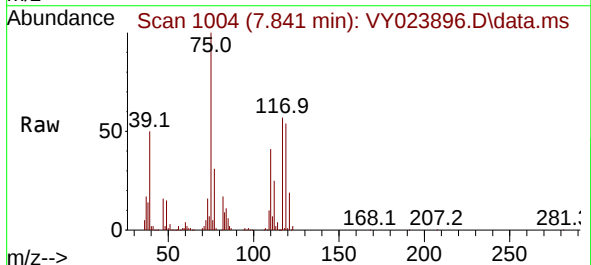
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

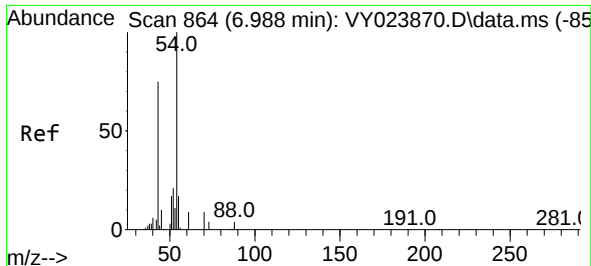
Tgt Ion:113 Resp: 228688
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 22.6 15.8 23.8



#36
1,1-Dichloropropene
Concen: 45.517 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

Tgt Ion: 75 Resp: 330964
Ion Ratio Lower Upper
75 100
110 39.1 17.6 52.9
77 31.4 24.6 37.0





#37

Ethyl Acetate

Concen: 43.407 ug/l

RT: 6.988 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY023896.D

Acq: 04 Dec 2025 15:52

Instrument :

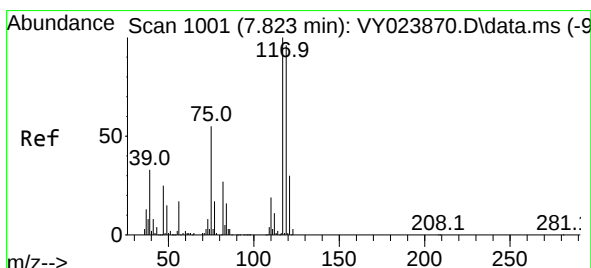
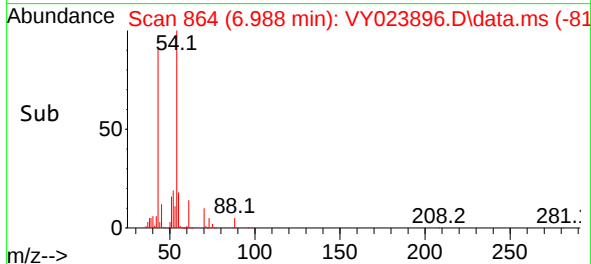
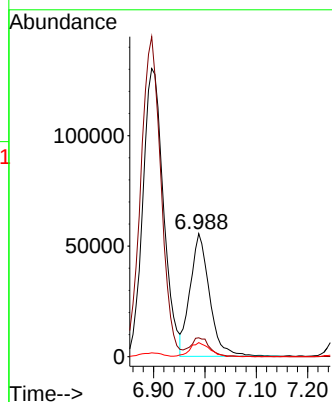
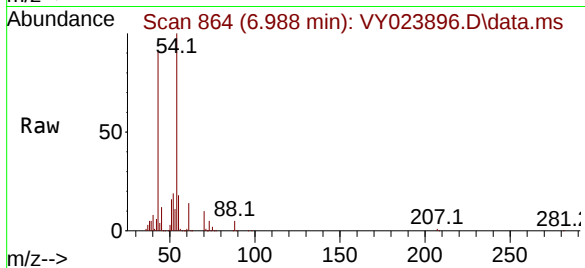
MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 145744

Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.0	16.4
70	11.8	8.1	12.1



#38

Carbon Tetrachloride

Concen: 50.128 ug/l

RT: 7.823 min Scan# 1001

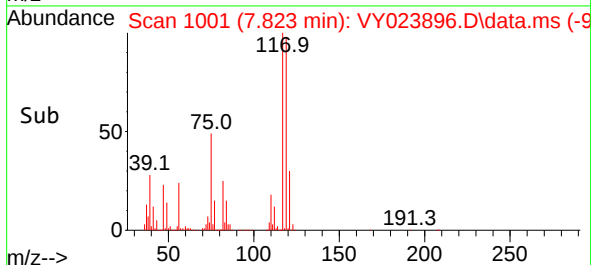
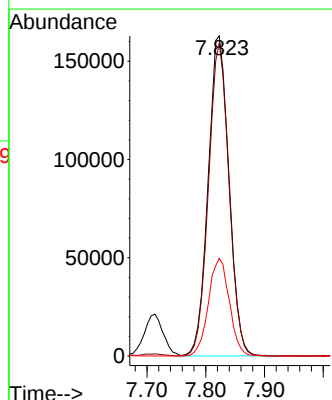
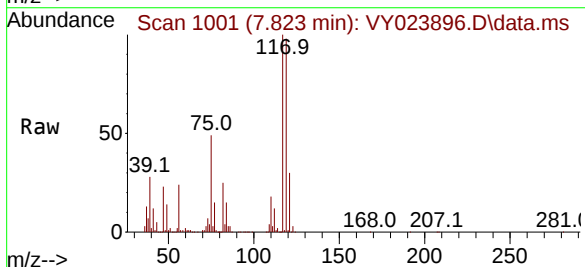
Delta R.T. -0.000 min

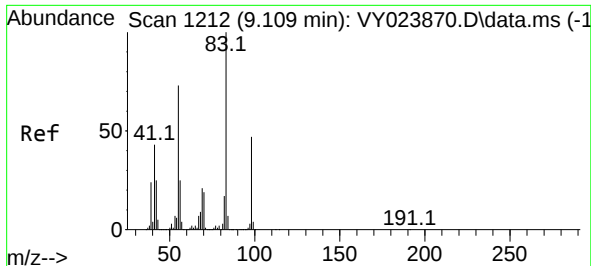
Lab File: VY023896.D

Acq: 04 Dec 2025 15:52

Tgt Ion: 117 Resp: 402277

Ion	Ratio	Lower	Upper
117	100		
119	97.8	77.0	115.6
121	30.5	23.9	35.9





#39

Methylcyclohexane

Concen: 47.071 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023896.D

Acq: 04 Dec 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

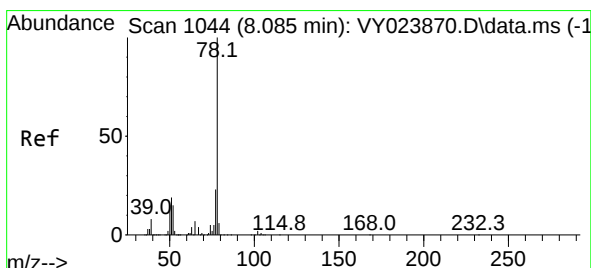
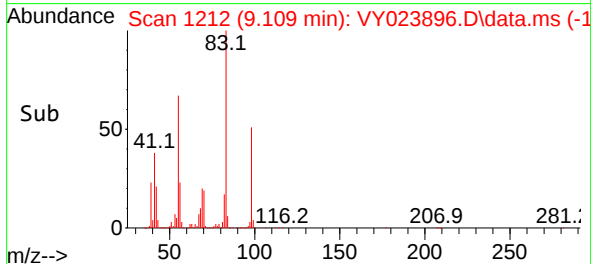
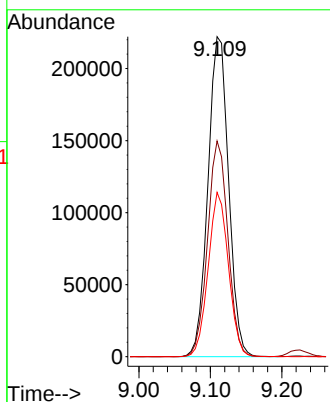
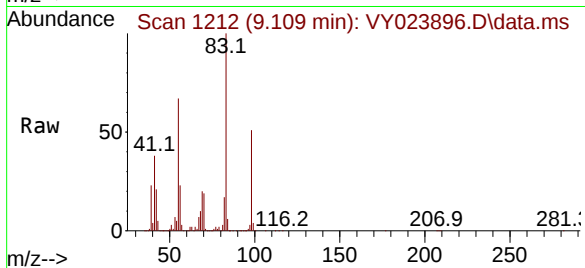
Tgt Ion: 83 Resp: 445512

Ion Ratio Lower Upper

83 100

55 67.3 58.8 88.2

98 51.4 37.8 56.6



#40

Benzene

Concen: 46.095 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VY023896.D

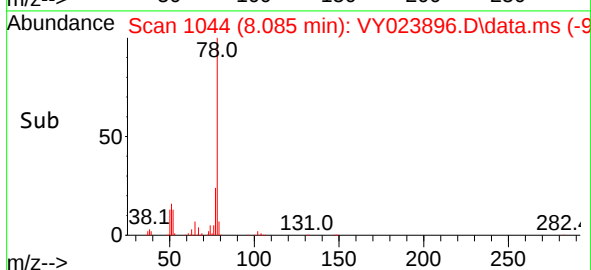
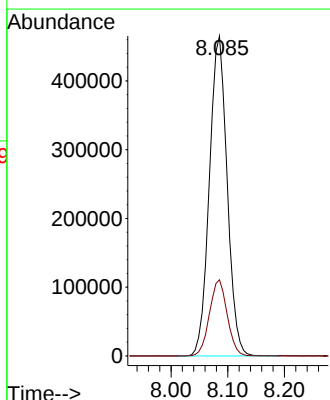
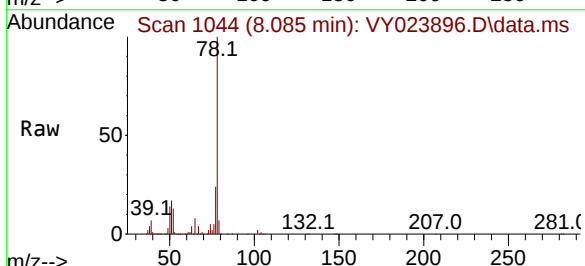
Acq: 04 Dec 2025 15:52

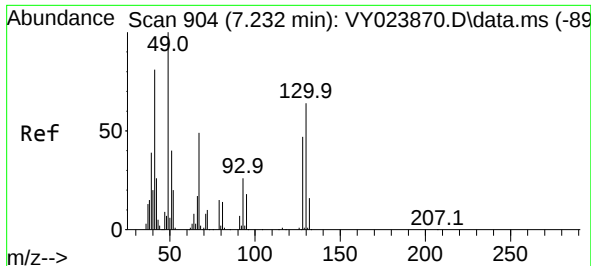
Tgt Ion: 78 Resp: 1013082

Ion Ratio Lower Upper

78 100

77 23.8 18.6 28.0

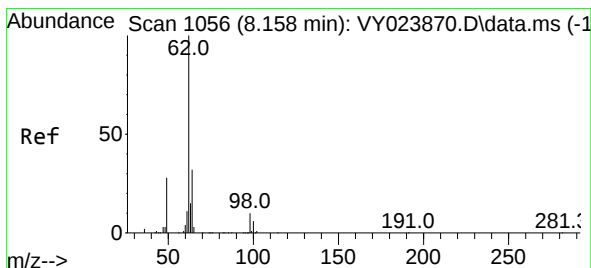
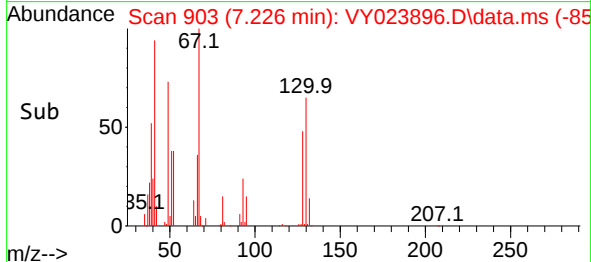
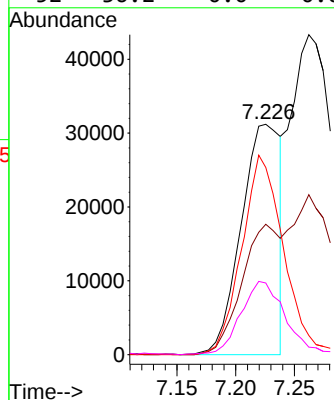
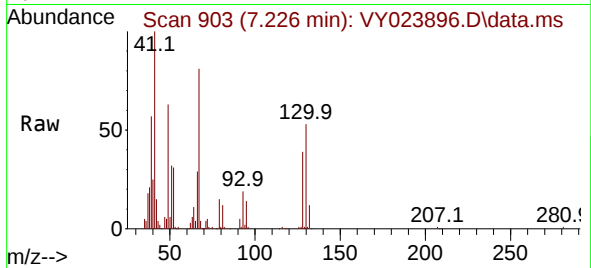




#41
Methacrylonitrile
Concen: 42.030 ug/l
RT: 7.226 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

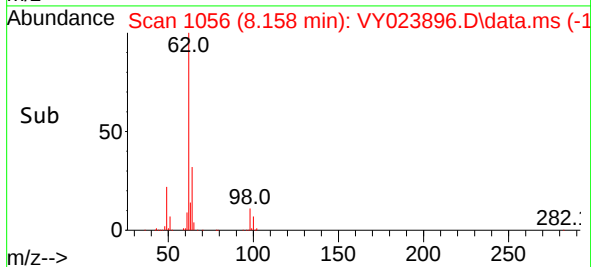
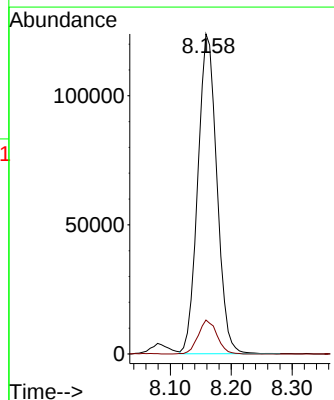
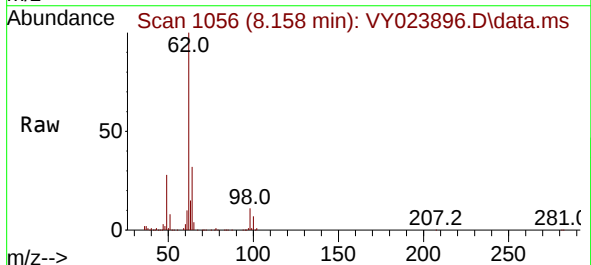
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

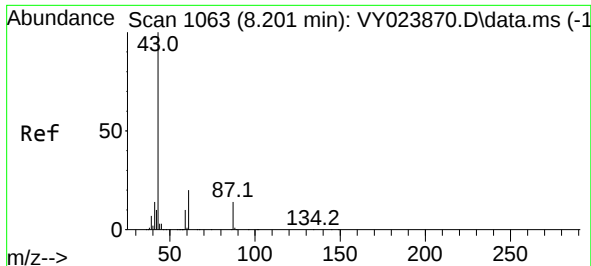
Tgt Ion: 41 Resp: 72745
Ion Ratio Lower Upper
41 100
39 54.9 49.4 74.2
67 92.8 0.0 0.0#
52 36.2 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 46.905 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

Tgt Ion: 62 Resp: 269011
Ion Ratio Lower Upper
62 100
98 10.5 0.0 19.2





#43

Isopropyl Acetate

Concen: 44.156 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VY023896.D

Acq: 04 Dec 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

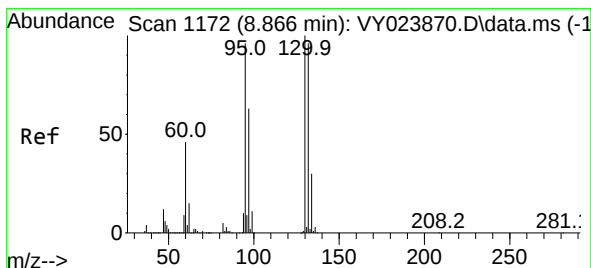
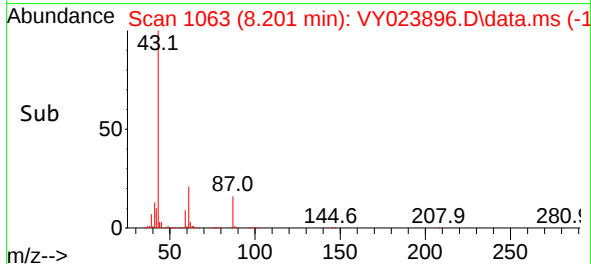
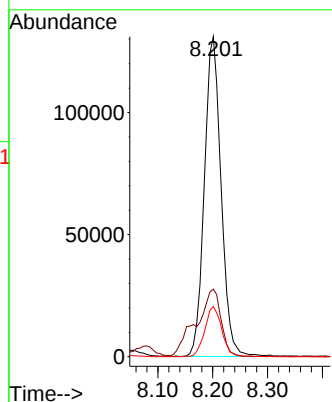
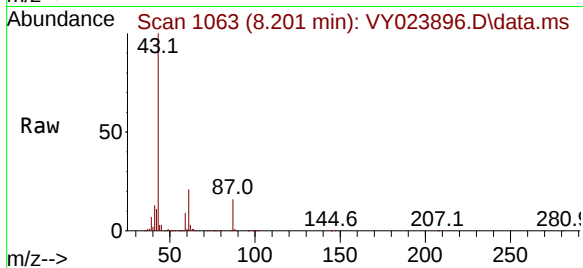
Tgt Ion: 43 Resp: 277393

Ion Ratio Lower Upper

43 100

61 31.3 24.2 36.4

87 15.9 11.0 16.4



#44

Trichloroethene

Concen: 52.352 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. -0.000 min

Lab File: VY023896.D

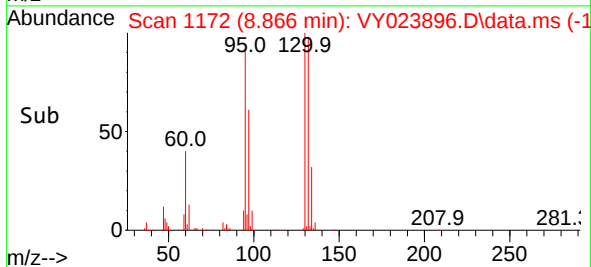
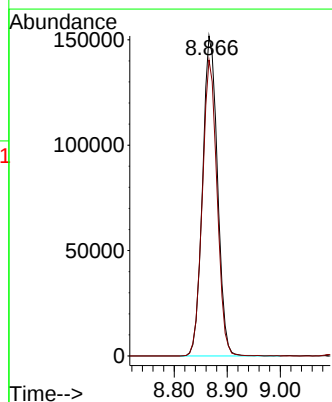
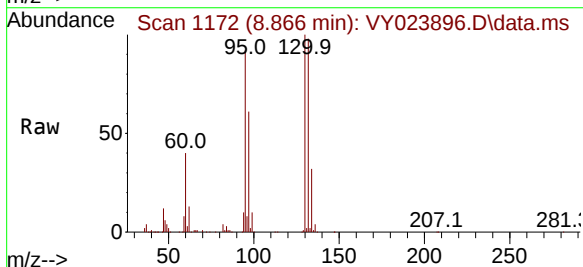
Acq: 04 Dec 2025 15:52

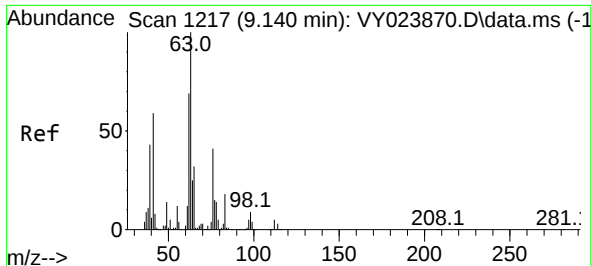
Tgt Ion:130 Resp: 296055

Ion Ratio Lower Upper

130 100

95 92.5 0.0 192.4





#45

1,2-Dichloropropane

Concen: 43.528 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY023896.D

Acq: 04 Dec 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

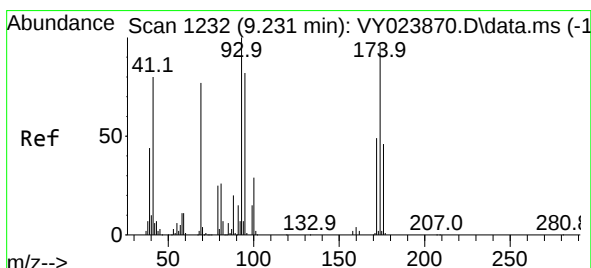
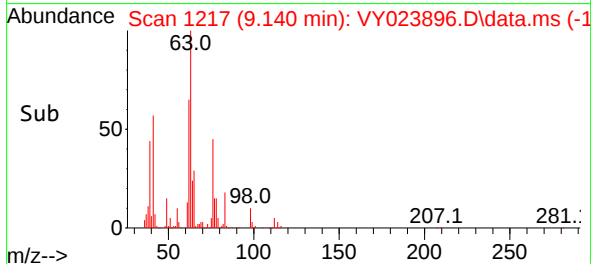
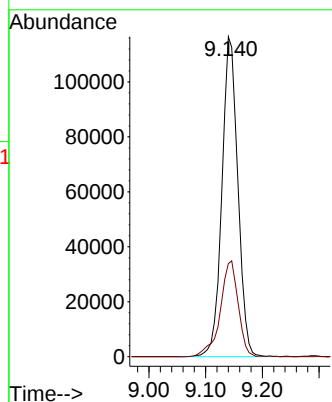
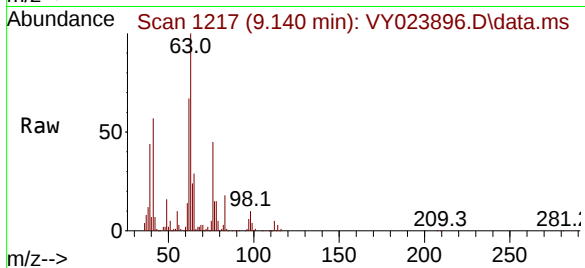
VSTDCCC050EC

Tgt Ion: 63 Resp: 226516

Ion Ratio Lower Upper

63 100

65 29.1 25.6 38.4



#46

Dibromomethane

Concen: 51.188 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023896.D

Acq: 04 Dec 2025 15:52

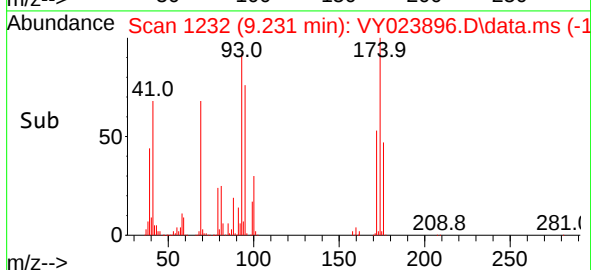
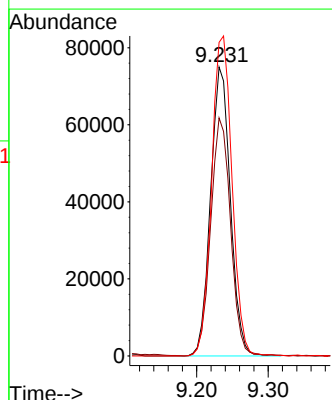
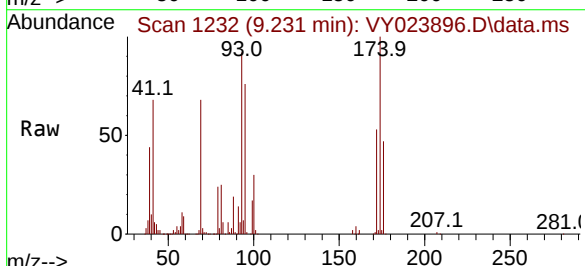
Tgt Ion: 93 Resp: 144213

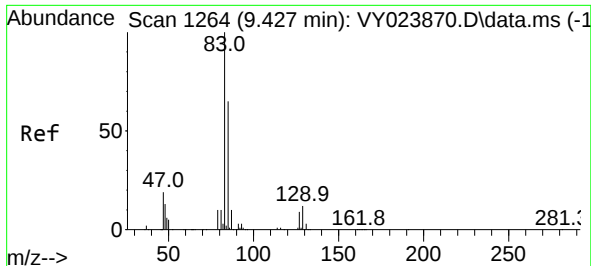
Ion Ratio Lower Upper

93 100

95 82.7 66.4 99.6

174 114.3 81.4 122.0

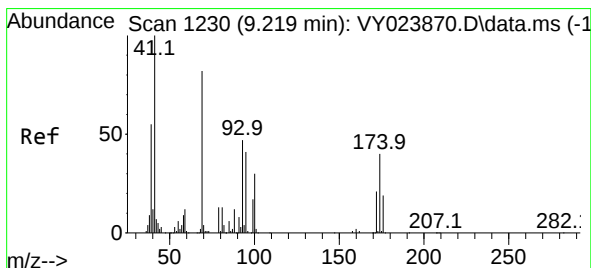
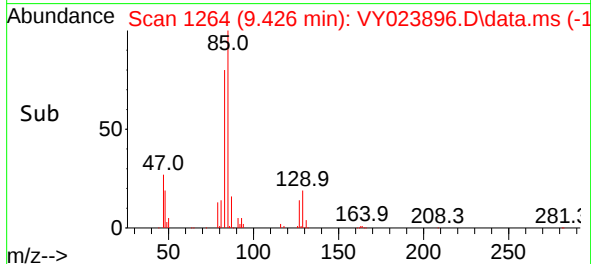
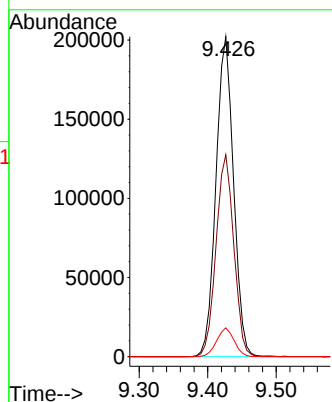
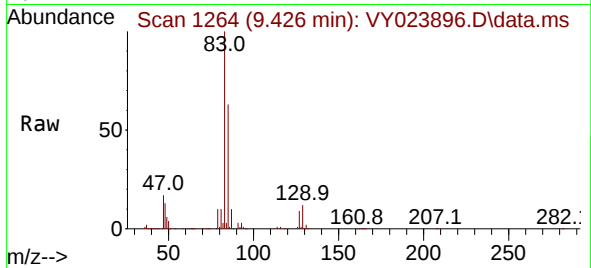




#47
Bromodichloromethane
Concen: 48.318 ug/l
RT: 9.426 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

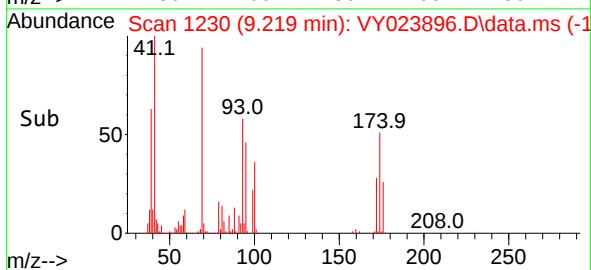
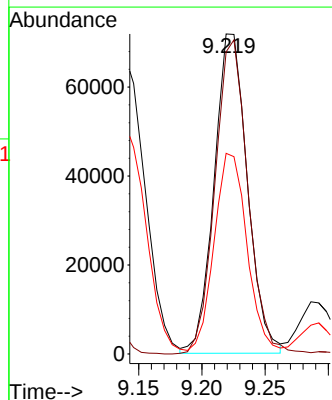
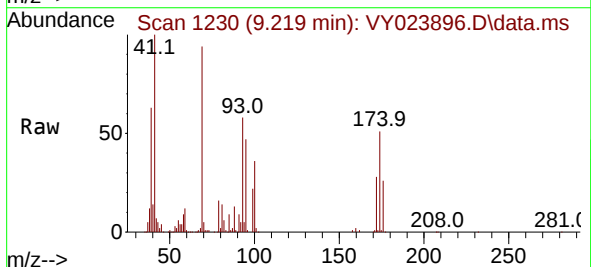
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

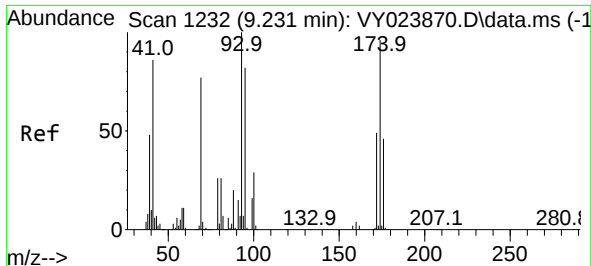
Tgt Ion: 83 Resp: 359145
Ion Ratio Lower Upper
83 100
85 63.1 51.6 77.4
127 9.0 7.2 10.8



#48
Methyl methacrylate
Concen: 44.709 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

Tgt Ion: 41 Resp: 131216
Ion Ratio Lower Upper
41 100
69 97.2 67.7 101.5
39 60.3 43.4 65.0





#49

1,4-Dioxane

Concen: 1078.204 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023896.D

Acq: 04 Dec 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

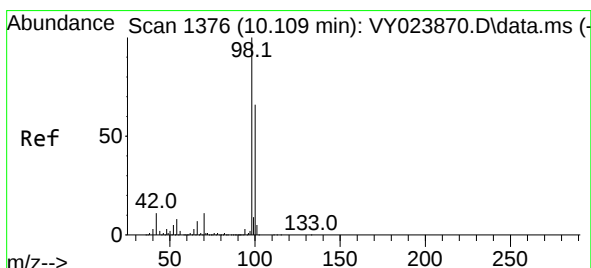
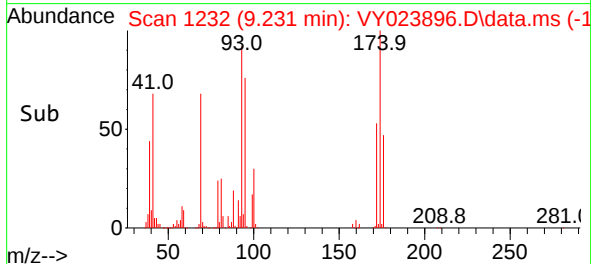
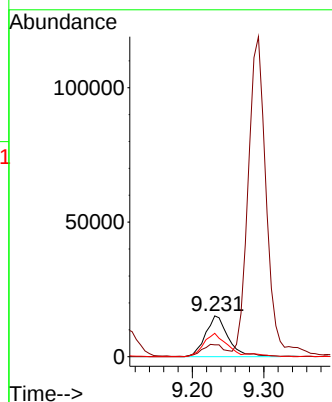
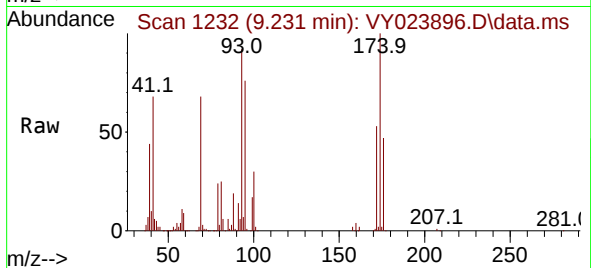
Tgt Ion: 88 Resp: 33776

Ion Ratio Lower Upper

88 100

43 29.5 26.8 40.2

58 58.0 52.4 78.6



#50

Toluene-d8

Concen: 44.017 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY023896.D

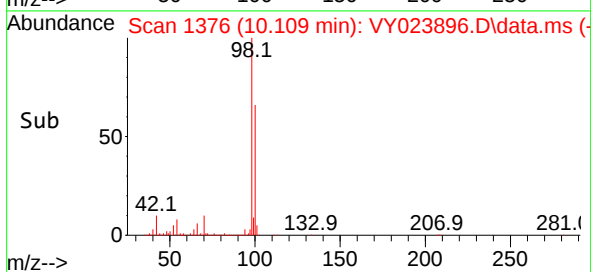
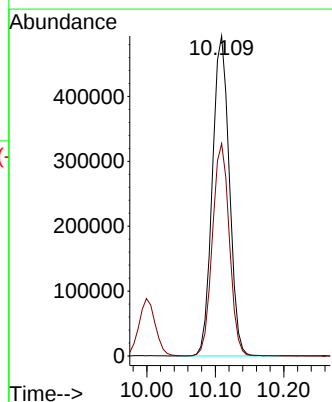
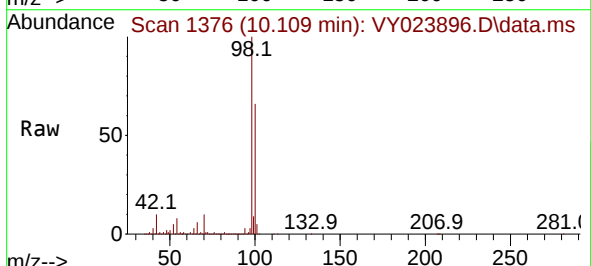
Acq: 04 Dec 2025 15:52

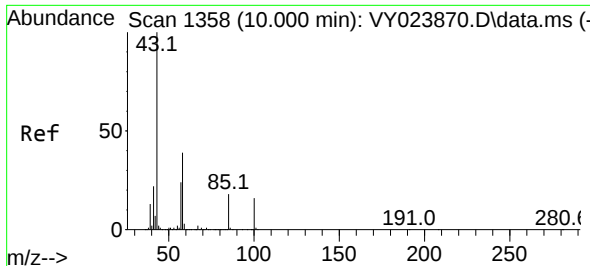
Tgt Ion: 98 Resp: 844643

Ion Ratio Lower Upper

98 100

100 66.3 52.5 78.7

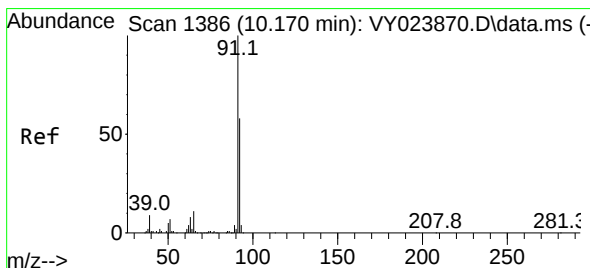
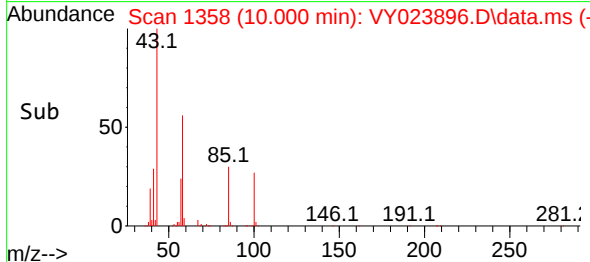
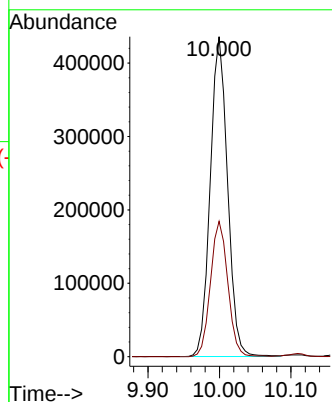
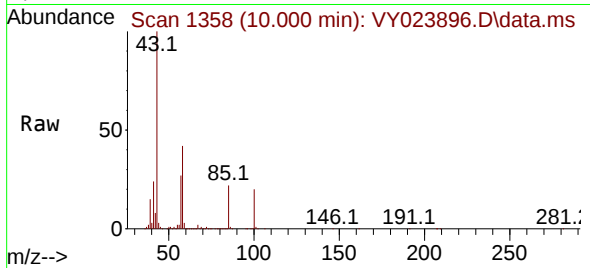




#51
4-Methyl-2-Pentanone
Concen: 221.960 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

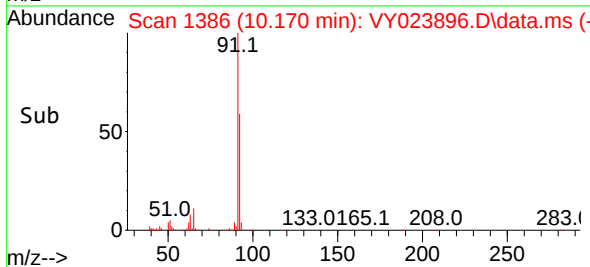
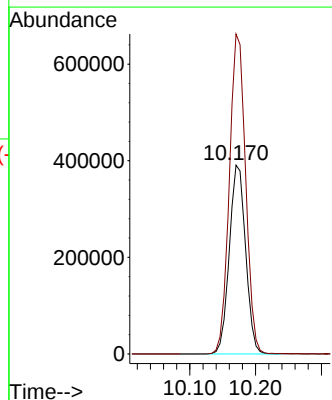
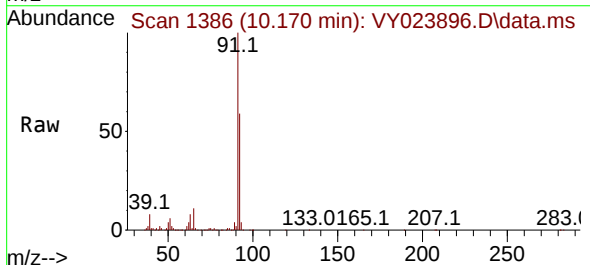
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

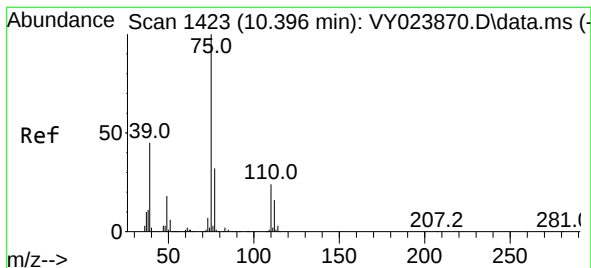
Tgt Ion: 43 Resp: 733217
Ion Ratio Lower Upper
43 100
58 42.4 31.8 47.8



#52
Toluene
Concen: 48.983 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

Tgt Ion: 92 Resp: 674169
Ion Ratio Lower Upper
92 100
91 169.4 137.3 205.9

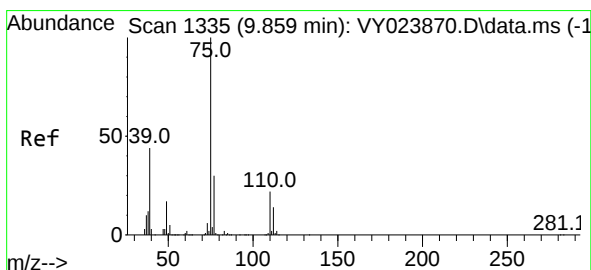
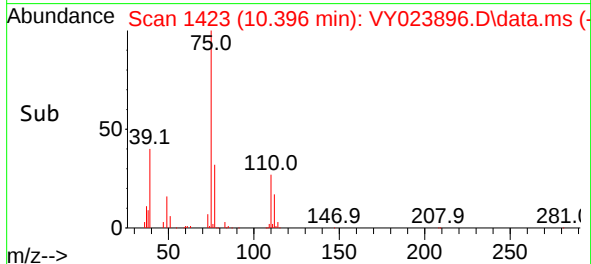
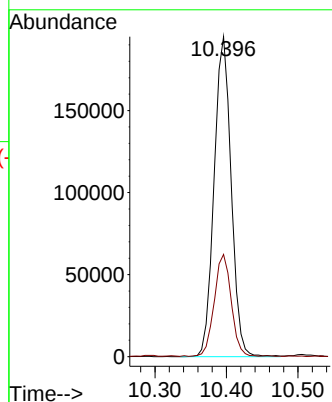
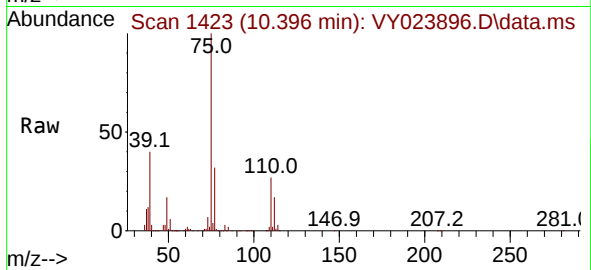




#53
t-1,3-Dichloropropene
Concen: 48.138 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

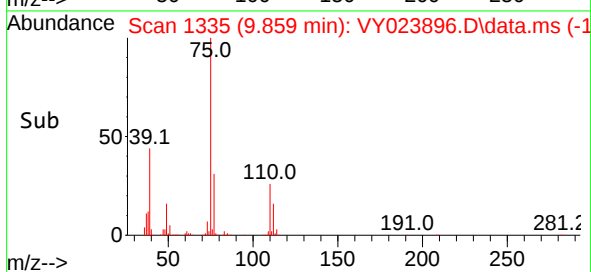
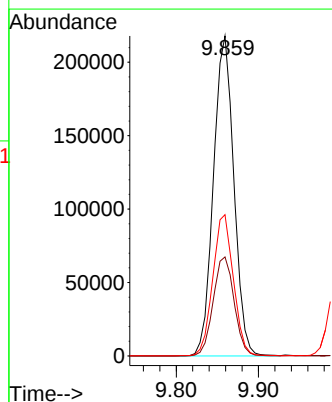
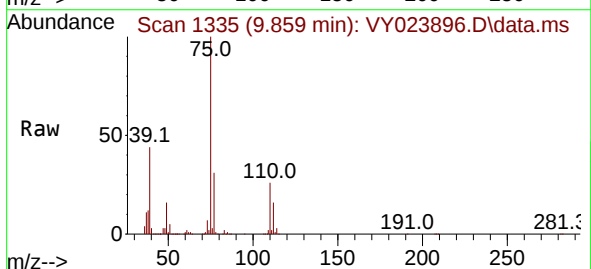
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

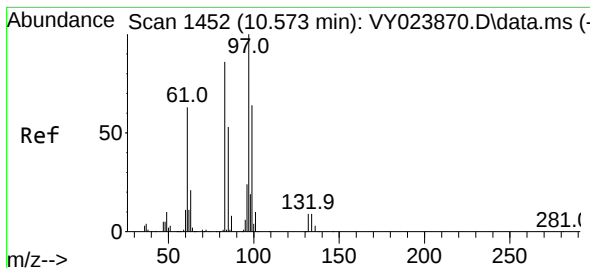
Tgt Ion: 75 Resp: 322936
Ion Ratio Lower Upper
75 100
77 31.9 26.0 39.0



#54
cis-1,3-Dichloropropene
Concen: 47.586 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

Tgt Ion: 75 Resp: 375916
Ion Ratio Lower Upper
75 100
77 30.9 23.8 35.6
39 44.1 35.5 53.3





#55

1,1,2-Trichloroethane

Concen: 49.185 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY023896.D

Acq: 04 Dec 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 187053

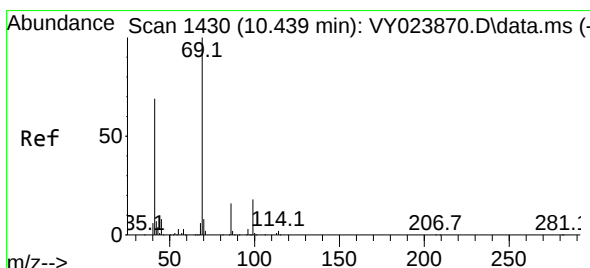
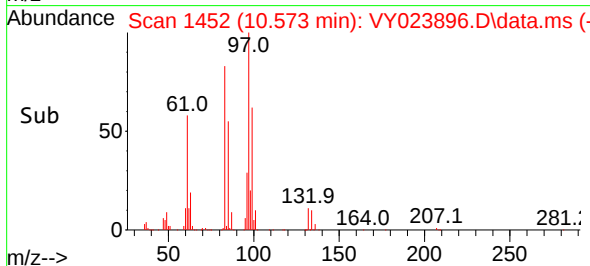
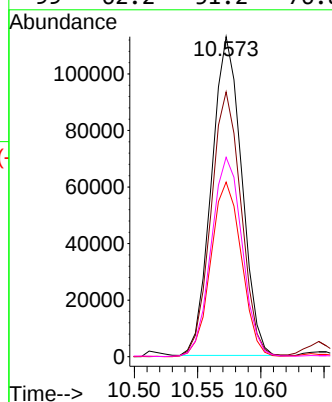
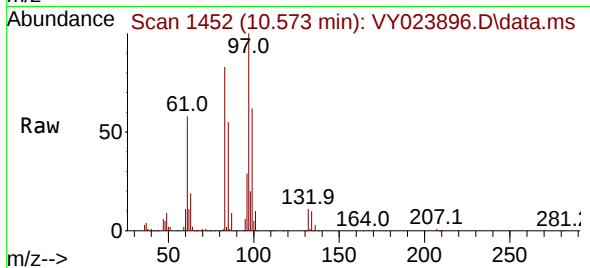
Ion Ratio Lower Upper

97 100

83 82.8 69.0 103.4

85 54.6 42.6 63.8

99 62.2 51.2 76.8



#56

Ethyl methacrylate

Concen: 45.113 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VY023896.D

Acq: 04 Dec 2025 15:52

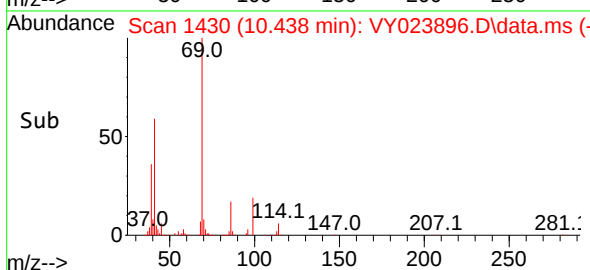
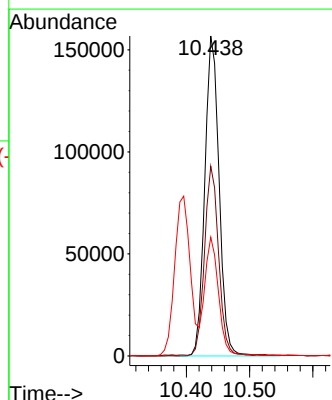
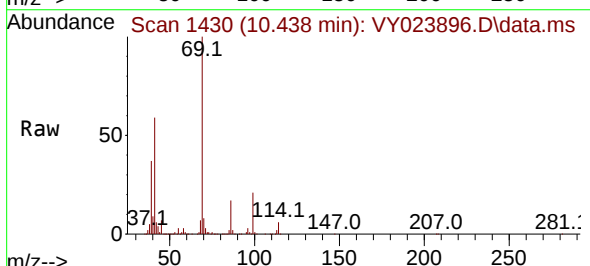
Tgt Ion: 69 Resp: 248015

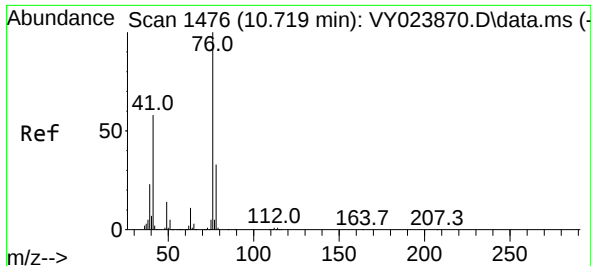
Ion Ratio Lower Upper

69 100

41 58.0 52.5 78.7

39 35.0 27.1 40.7





#57

1,3-Dichloropropane

Concen: 47.713 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY023896.D

Acq: 04 Dec 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

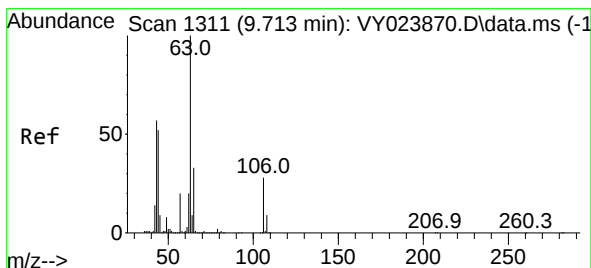
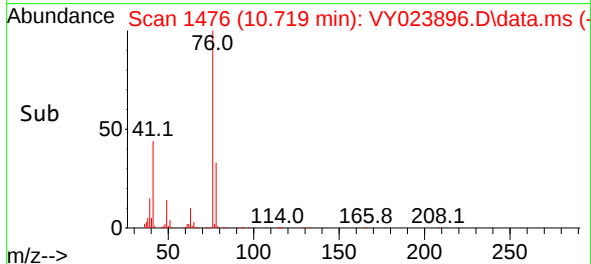
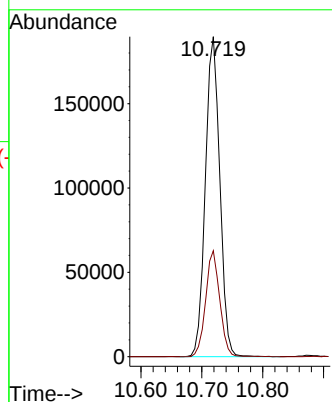
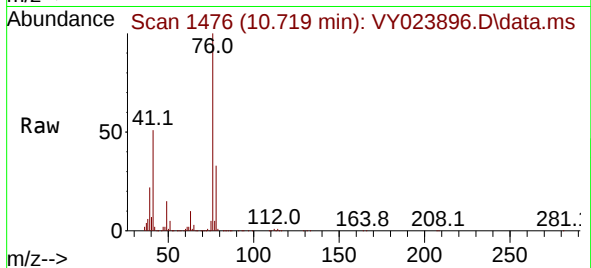
VSTDCCC050EC

Tgt Ion: 76 Resp: 312537

Ion Ratio Lower Upper

76 100

78 32.4 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 222.709 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY023896.D

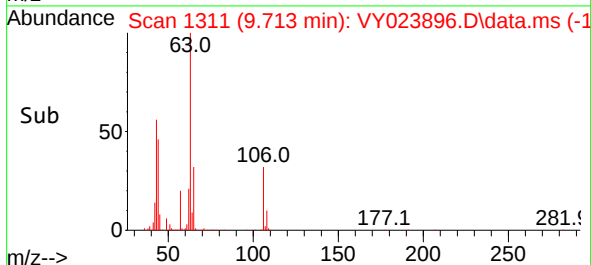
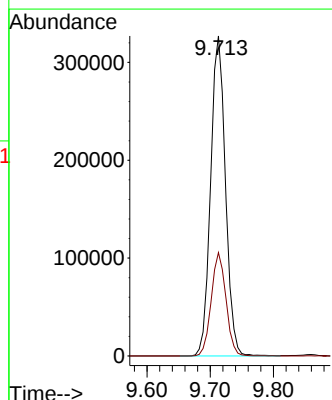
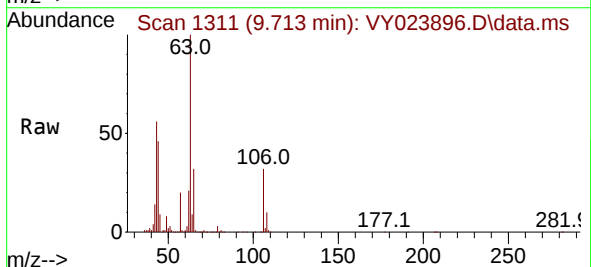
Acq: 04 Dec 2025 15:52

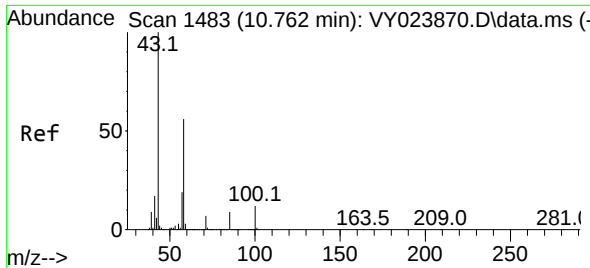
Tgt Ion: 63 Resp: 533559

Ion Ratio Lower Upper

63 100

106 32.1 22.5 33.7

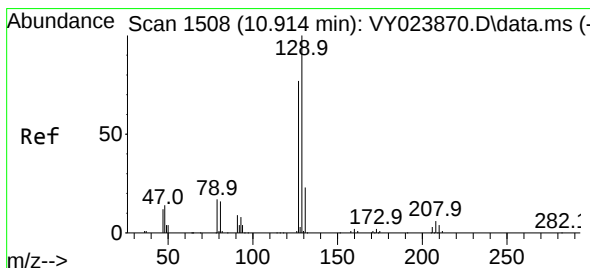
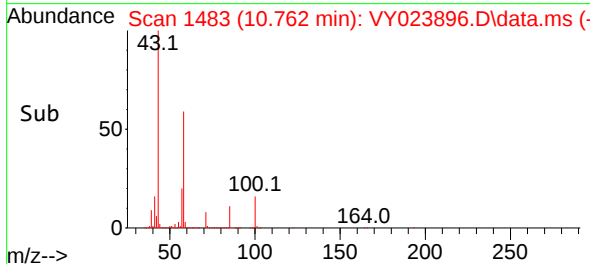
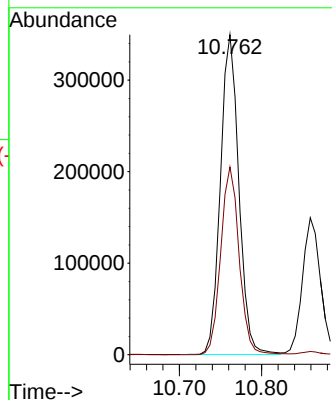
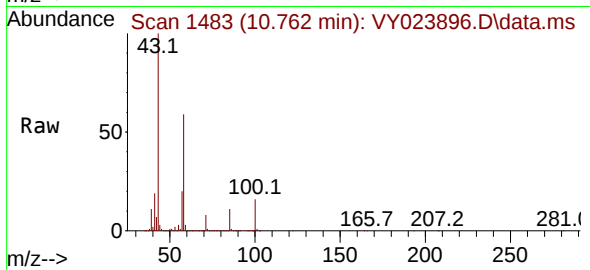




#59
2-Hexanone
Concen: 218.163 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

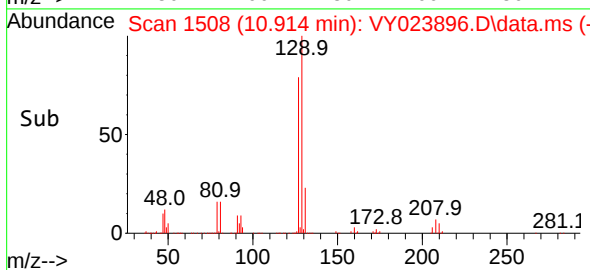
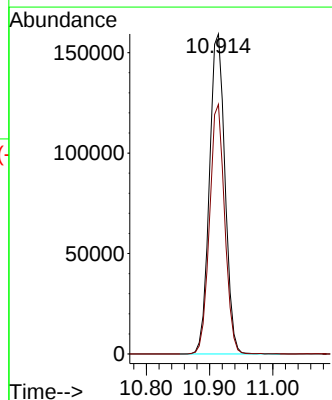
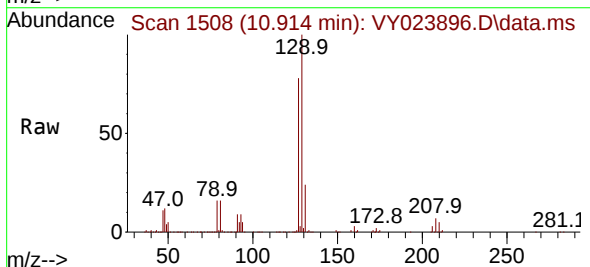
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

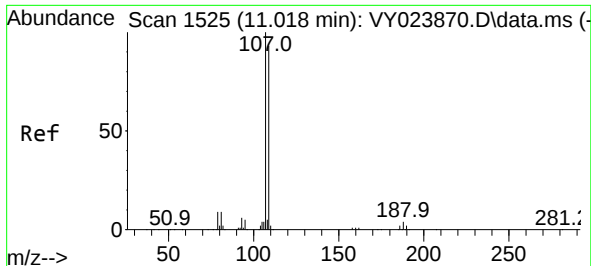
Tgt Ion: 43 Resp: 543533
Ion Ratio Lower Upper
43 100
58 59.0 27.7 83.1



#60
Dibromochloromethane
Concen: 53.419 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

Tgt Ion:129 Resp: 272412
Ion Ratio Lower Upper
129 100
127 75.9 38.0 114.0

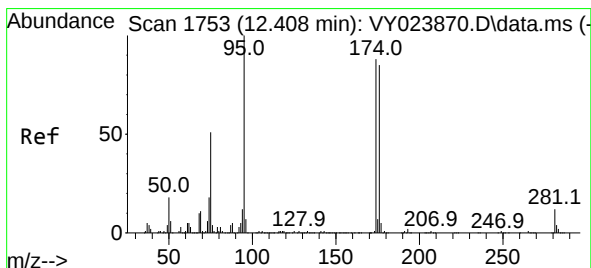
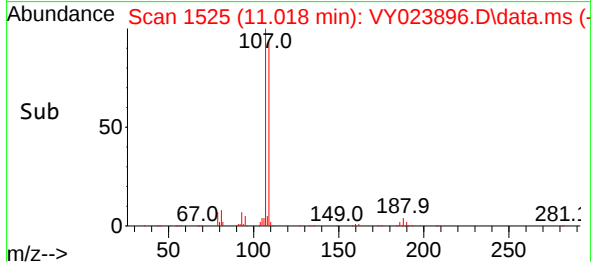
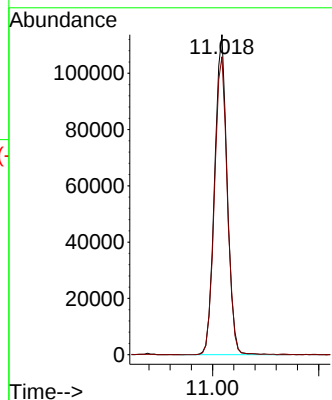
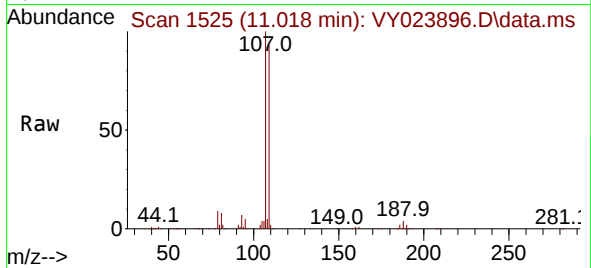




#61
1,2-Dibromoethane
Concen: 53.915 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

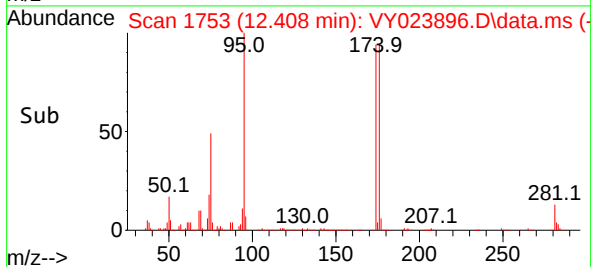
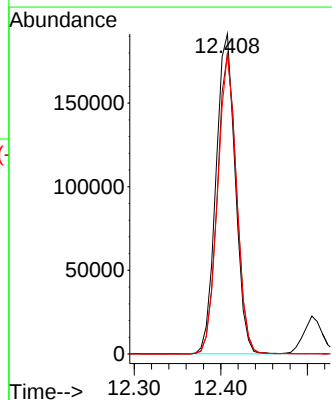
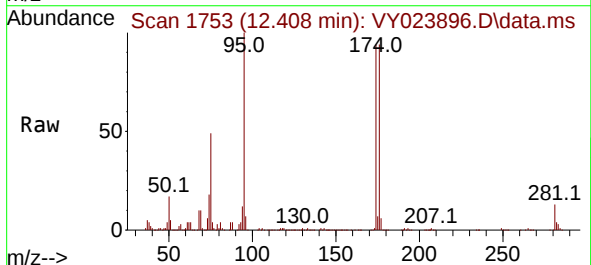
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

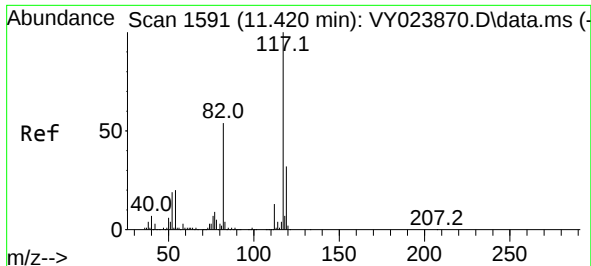
Tgt Ion:107 Resp: 186865
Ion Ratio Lower Upper
107 100
109 95.2 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 45.231 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

Tgt Ion: 95 Resp: 296040
Ion Ratio Lower Upper
95 100
174 93.1 0.0 169.6
176 91.5 0.0 164.4

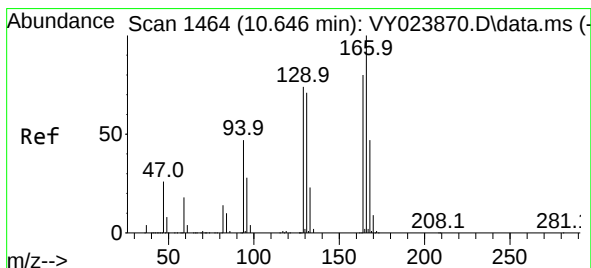
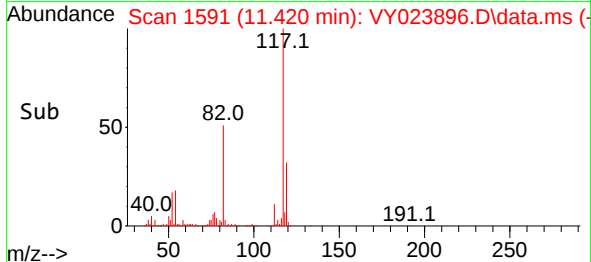
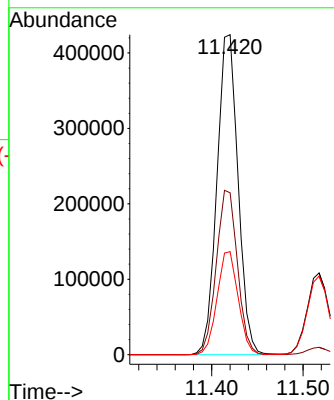
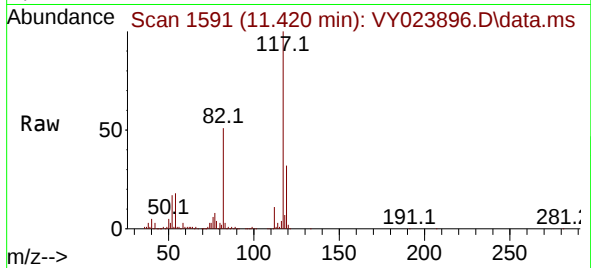




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

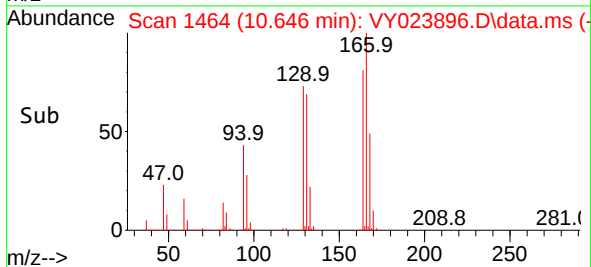
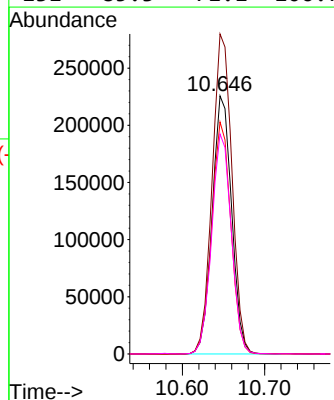
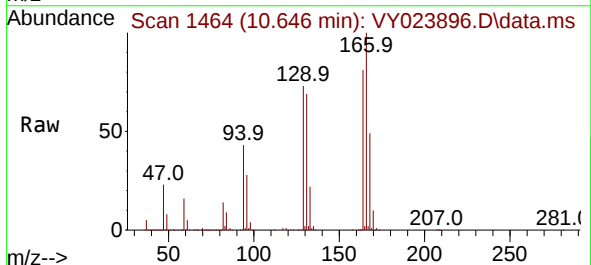
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

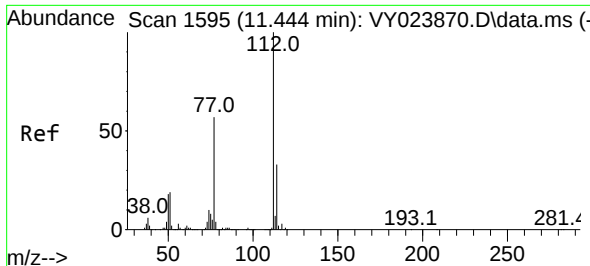
Tgt Ion:117 Resp: 682244
Ion Ratio Lower Upper
117 100
82 50.6 43.1 64.7
119 32.2 26.0 39.0



#64
Tetrachloroethene
Concen: 55.570 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

Tgt Ion:164 Resp: 371006
Ion Ratio Lower Upper
164 100
166 124.0 100.2 150.4
129 89.9 74.4 111.6
131 85.3 71.1 106.7

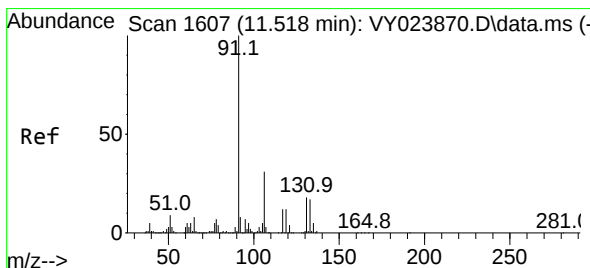
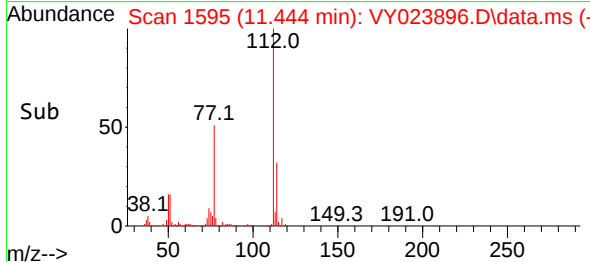
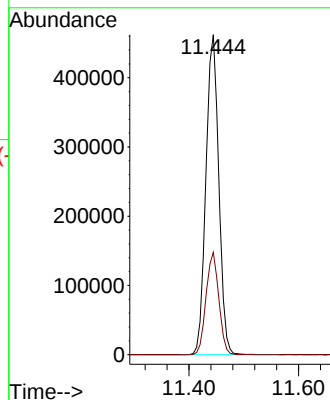
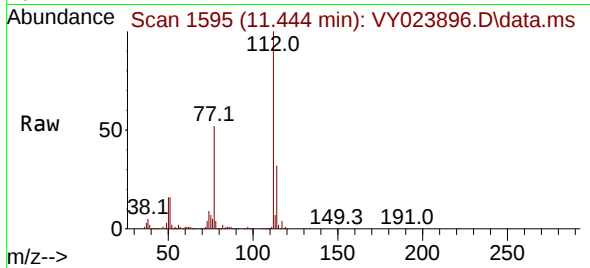




#65
Chlorobenzene
Concen: 48.154 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

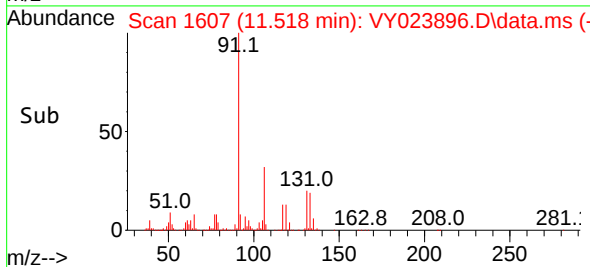
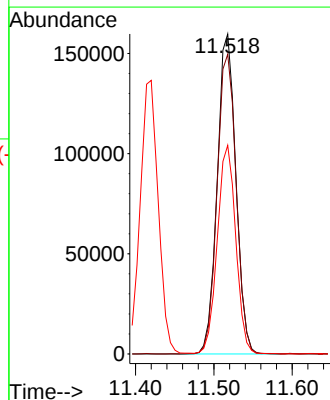
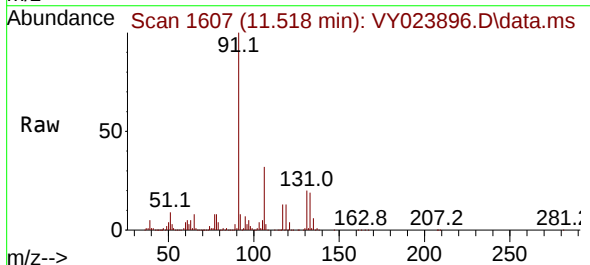
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

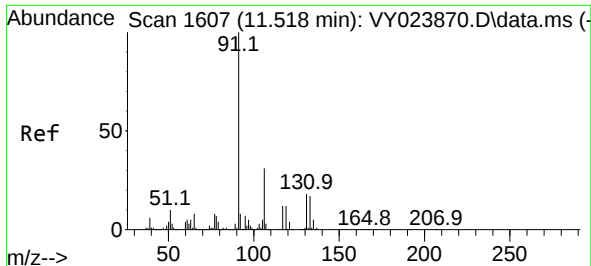
Tgt Ion:112 Resp: 749848
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.786 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

Tgt Ion:131 Resp: 264515
Ion Ratio Lower Upper
131 100
133 95.9 47.7 143.1
119 64.6 32.5 97.4





#67

Ethyl Benzene

Concen: 46.785 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY023896.D

Acq: 04 Dec 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

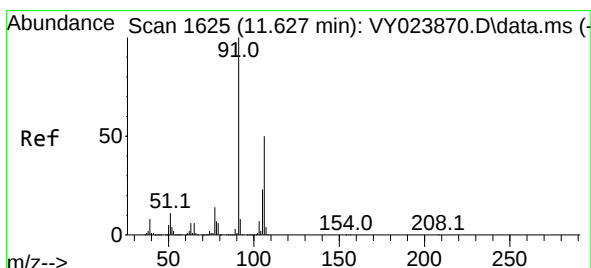
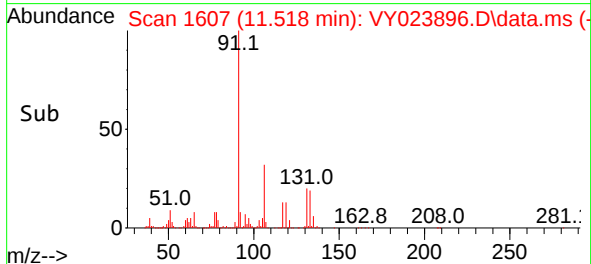
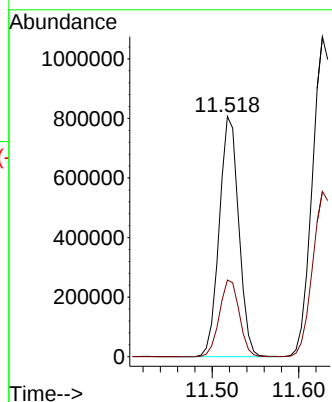
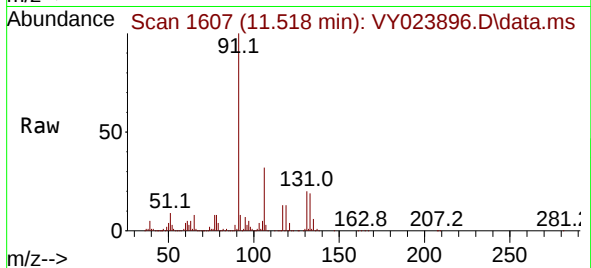
VSTDCCC050EC

Tgt Ion: 91 Resp: 1259482

Ion Ratio Lower Upper

91 100

106 31.9 25.0 37.6



#68

m/p-Xylenes

Concen: 97.872 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY023896.D

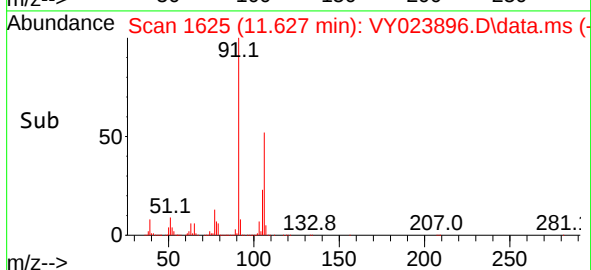
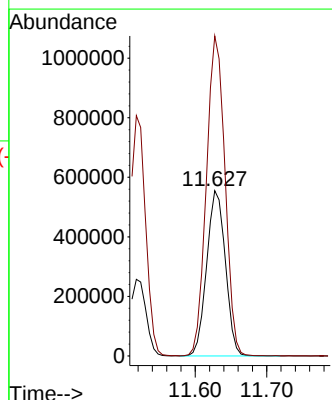
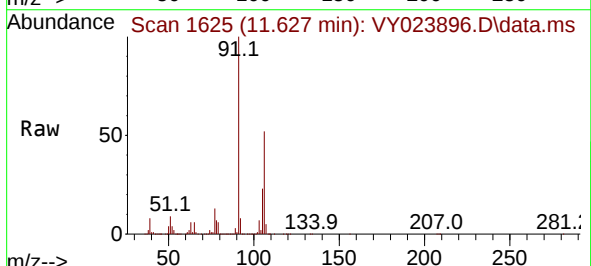
Acq: 04 Dec 2025 15:52

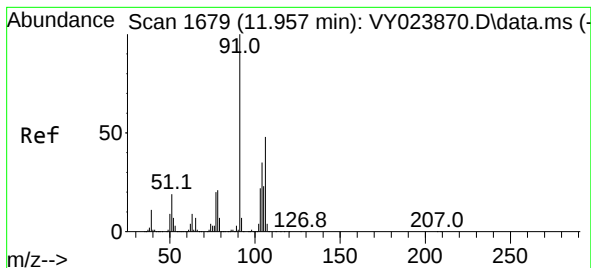
Tgt Ion:106 Resp: 1007068

Ion Ratio Lower Upper

106 100

91 192.9 159.7 239.5

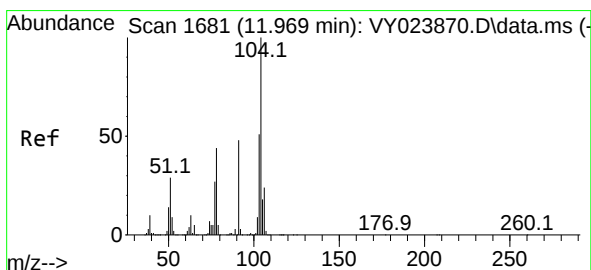
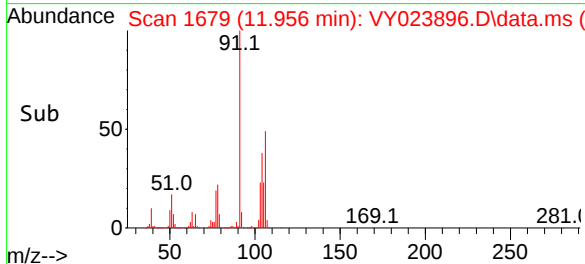
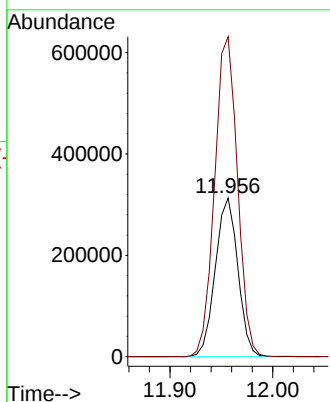
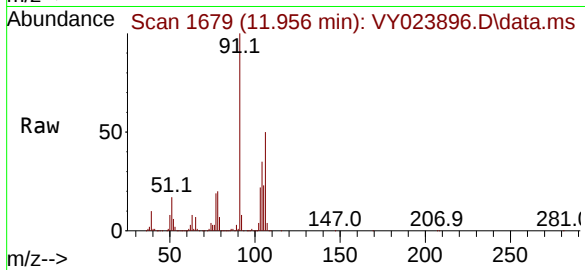




#69
o-Xylene
Concen: 49.551 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

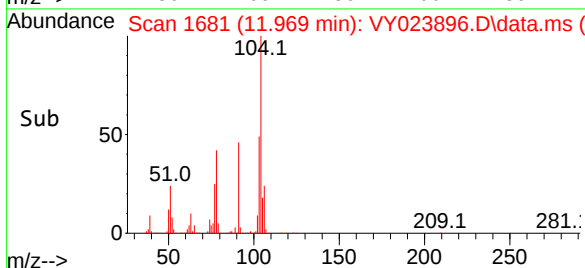
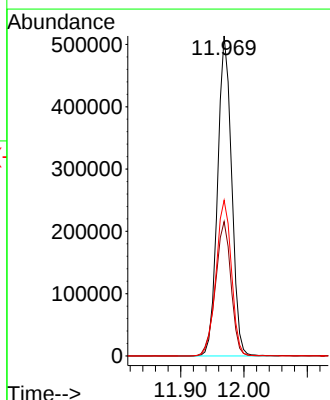
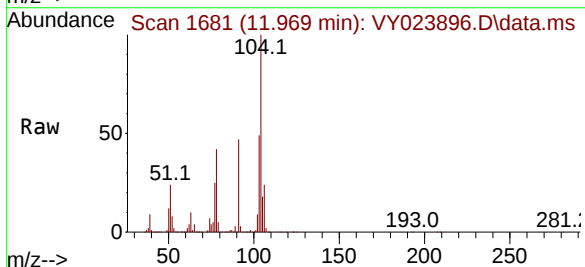
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

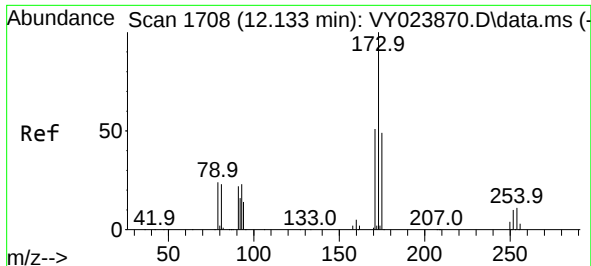
Tgt Ion:106 Resp: 476885
Ion Ratio Lower Upper
106 100
91 204.3 104.4 313.1



#70
Styrene
Concen: 49.752 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

Tgt Ion:104 Resp: 789301
Ion Ratio Lower Upper
104 100
78 46.2 38.8 58.2
103 53.3 43.9 65.9

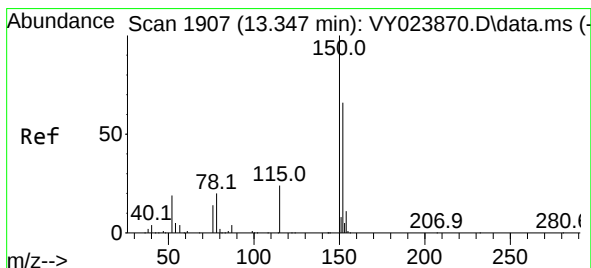
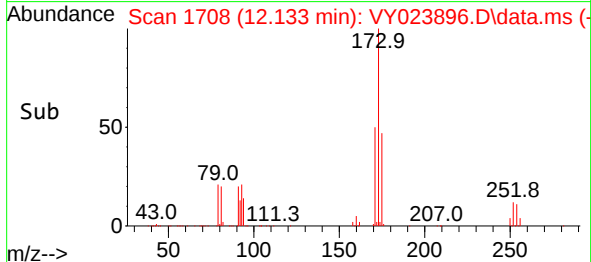
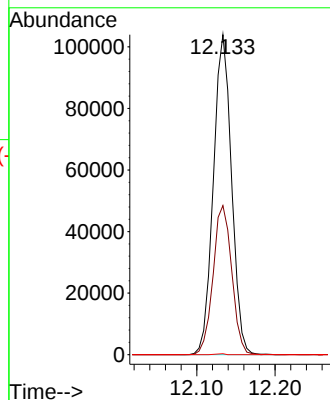
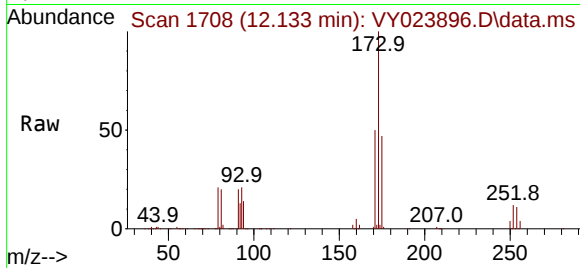




#71
Bromoform
Concen: 55.858 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

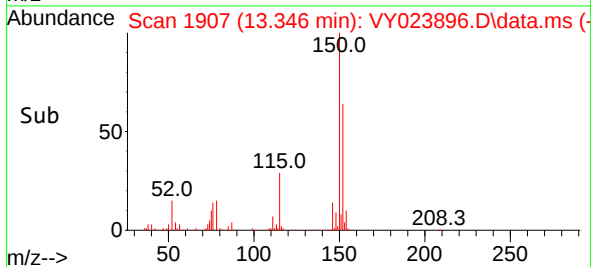
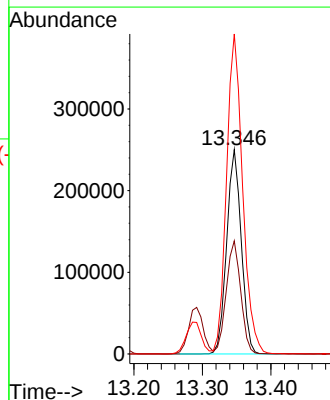
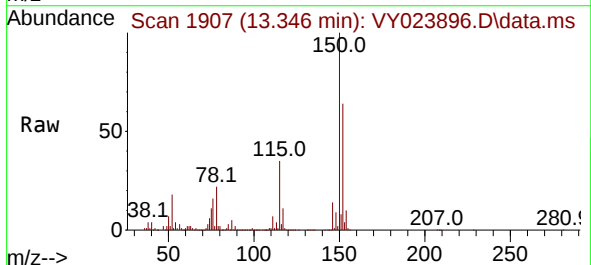
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

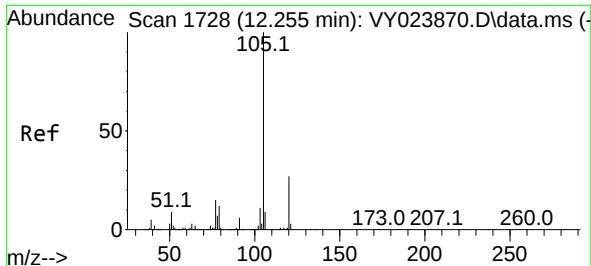
Tgt Ion:173 Resp: 167684
Ion Ratio Lower Upper
173 100
175 47.9 24.4 73.4
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

Tgt Ion:152 Resp: 369274
Ion Ratio Lower Upper
152 100
115 54.8 28.8 86.4
150 173.0 0.0 352.2

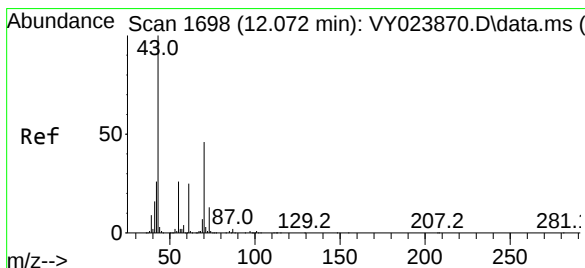
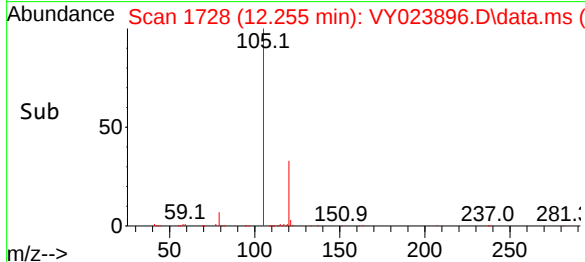
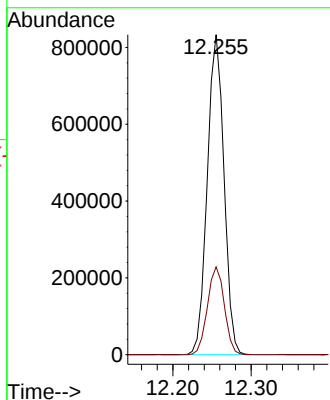
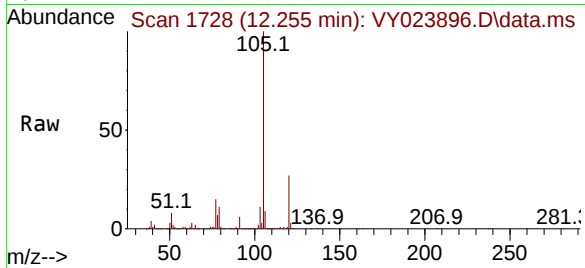




#73
Isopropylbenzene
Concen: 45.280 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

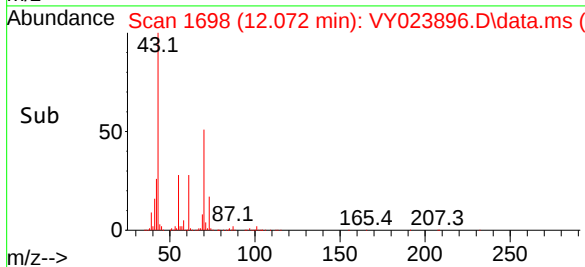
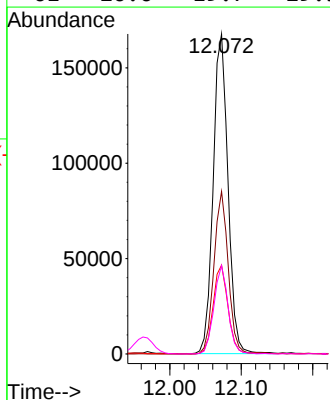
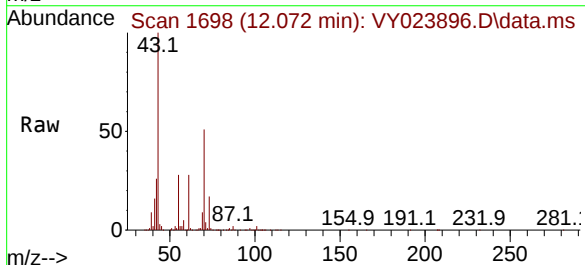
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

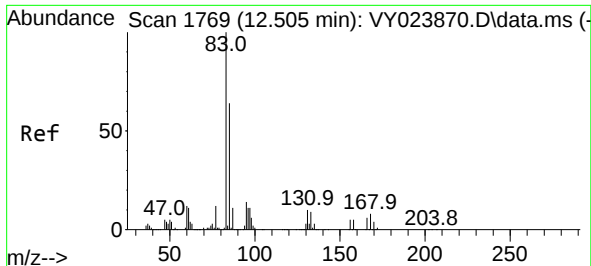
Tgt Ion:105 Resp: 1231921
Ion Ratio Lower Upper
105 100
120 27.8 13.4 40.1



#74
N-ethyl acetate
Concen: 40.849 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

Tgt Ion: 43 Resp: 240866
Ion Ratio Lower Upper
43 100
70 49.4 35.5 53.3
55 27.9 21.1 31.7
61 26.6 19.7 29.5

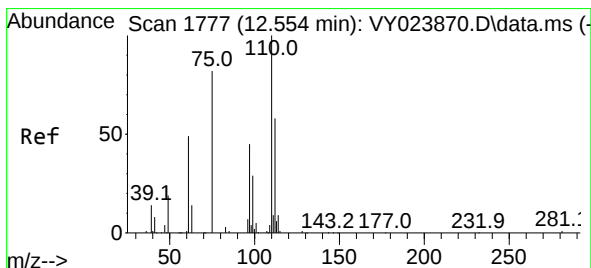
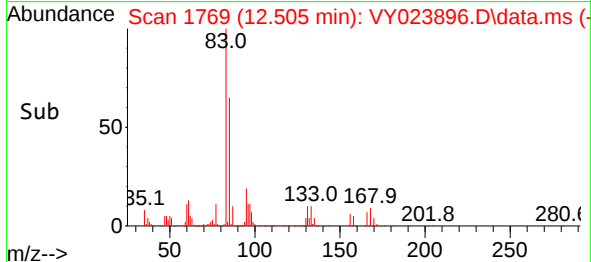
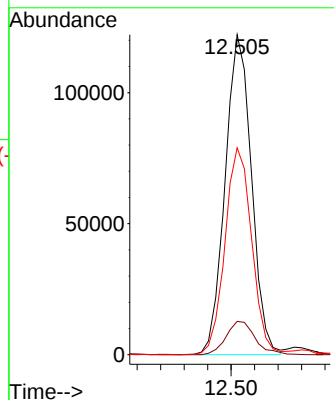
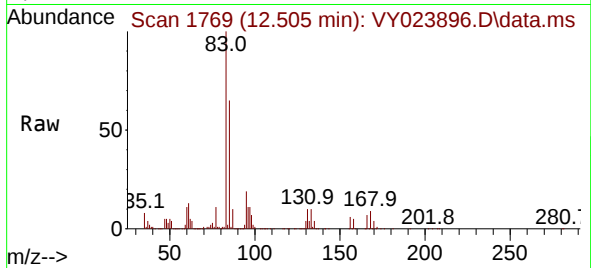




#75
 1,1,2,2-Tetrachloroethane
 Concen: 43.441 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY023896.D
 Acq: 04 Dec 2025 15:52

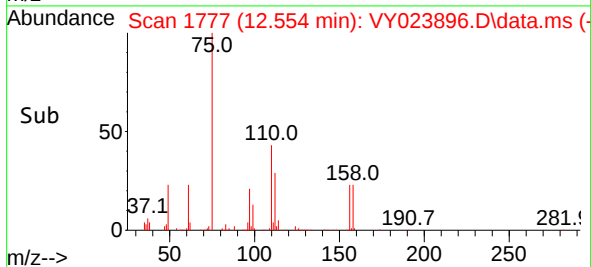
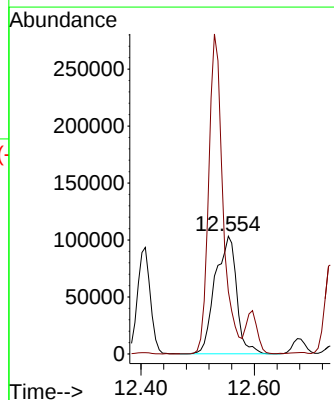
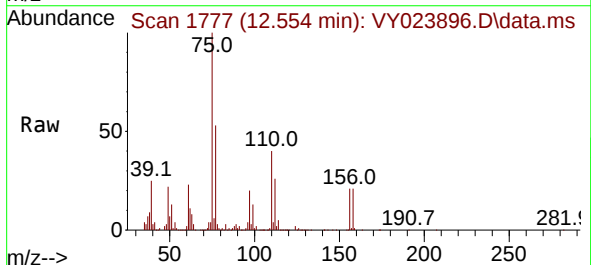
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

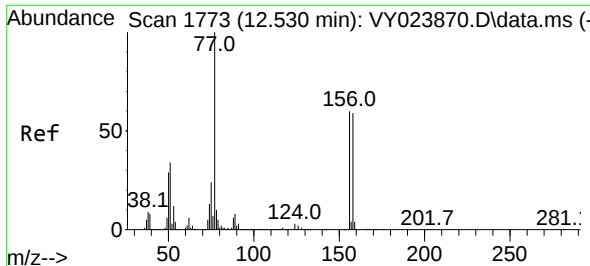
Tgt Ion: 83 Resp: 190692
 Ion Ratio Lower Upper
 83 100
 131 11.4 5.3 15.9
 85 65.8 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 74.135 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY023896.D
 Acq: 04 Dec 2025 15:52

Tgt Ion: 75 Resp: 271400
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

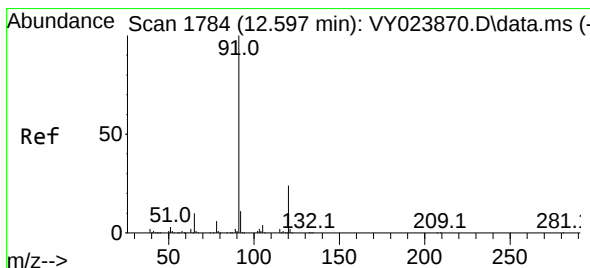
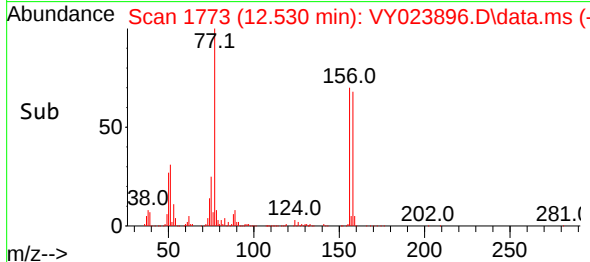
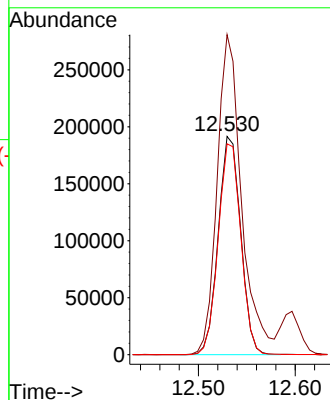
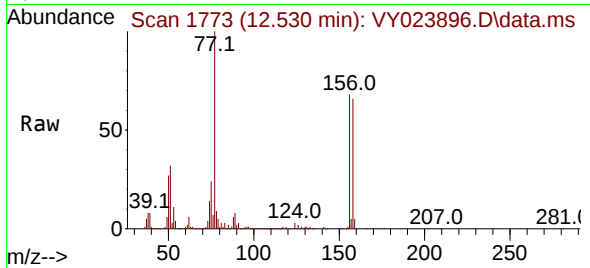




#77
Bromobenzene
Concen: 48.878 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

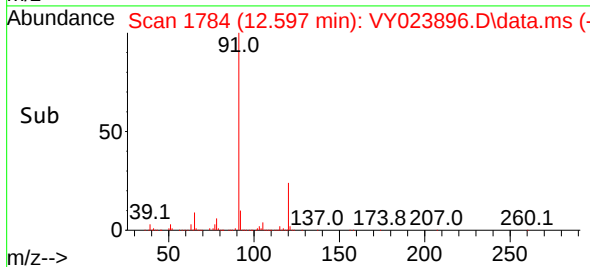
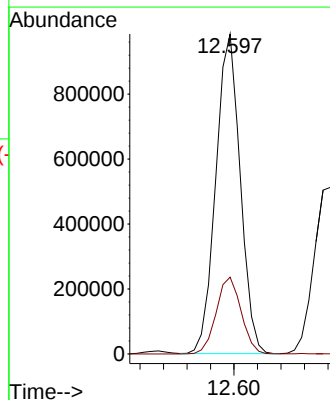
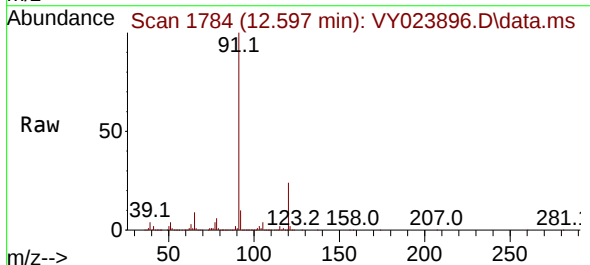
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

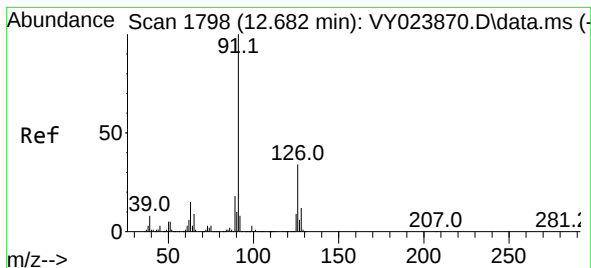
Tgt Ion:156 Resp: 308843
Ion Ratio Lower Upper
156 100
77 159.5 89.6 268.9
158 97.5 48.6 145.8



#78
n-propylbenzene
Concen: 43.218 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

Tgt Ion: 91 Resp: 1418855
Ion Ratio Lower Upper
91 100
120 24.5 11.5 34.5

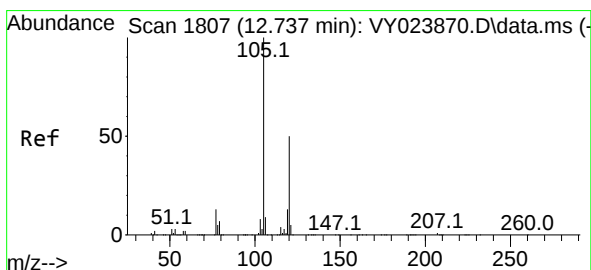
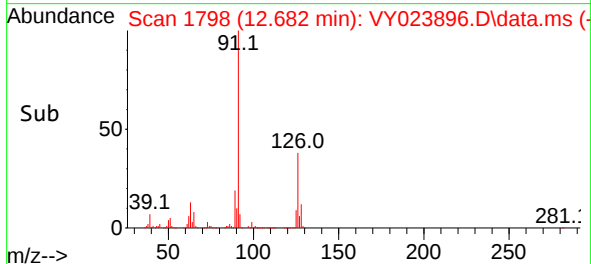
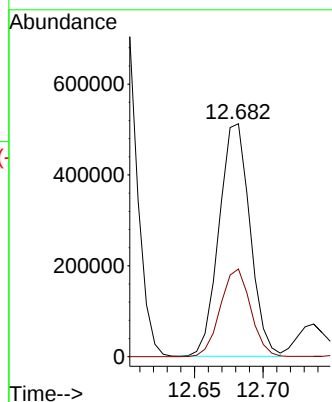
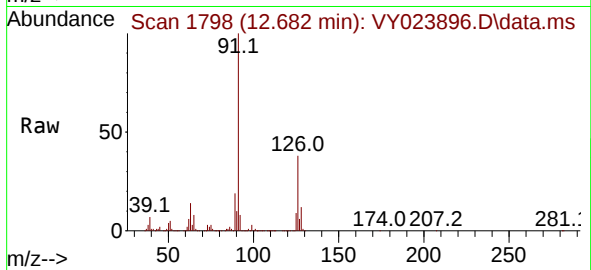




#79
2-Chlorotoluene
Concen: 43.315 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

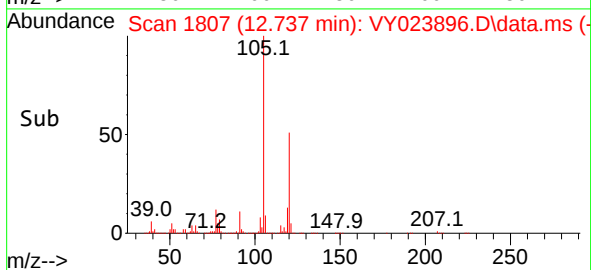
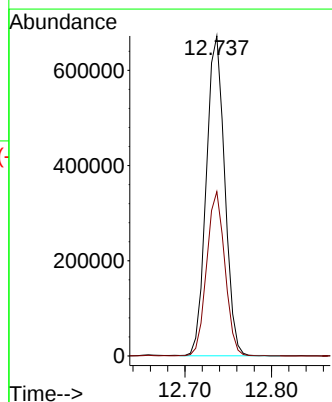
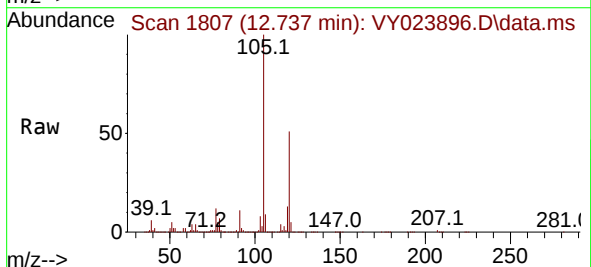
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

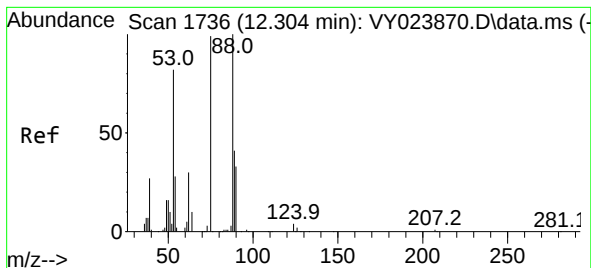
Tgt Ion: 91 Resp: 807615
Ion Ratio Lower Upper
91 100
126 36.9 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 44.955 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

Tgt Ion: 105 Resp: 993797
Ion Ratio Lower Upper
105 100
120 50.9 24.9 74.6

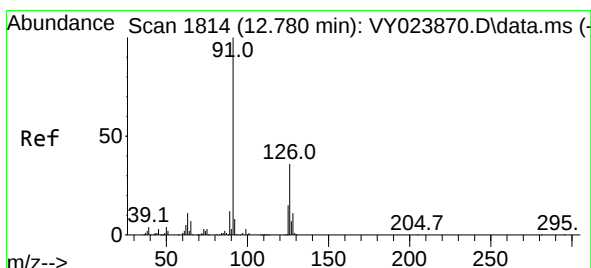
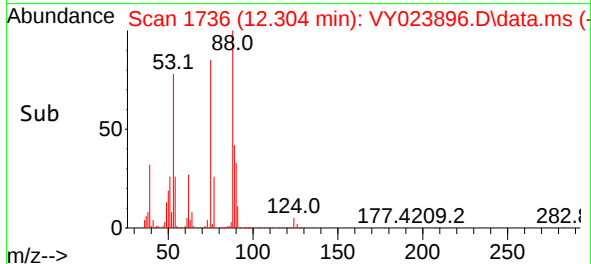
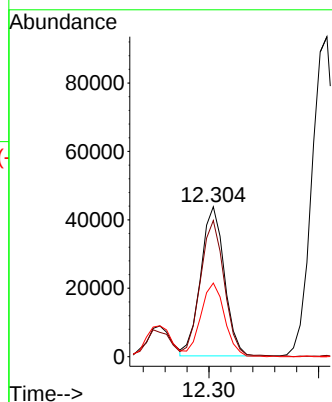
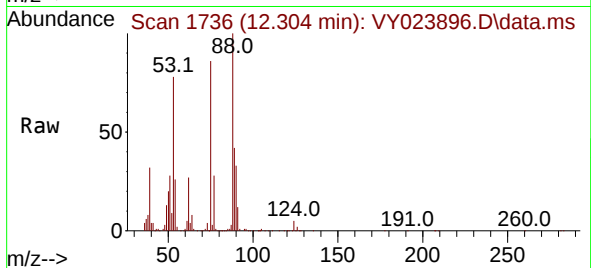




#81
trans-1,4-Dichloro-2-butene
Concen: 42.964 ug/l
RT: 12.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

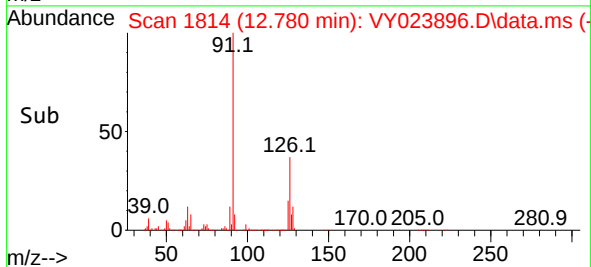
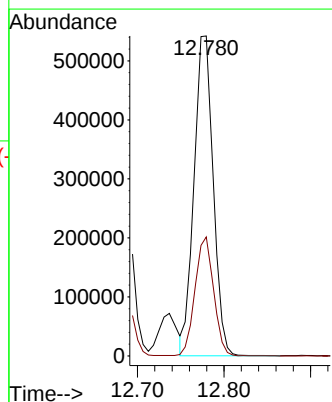
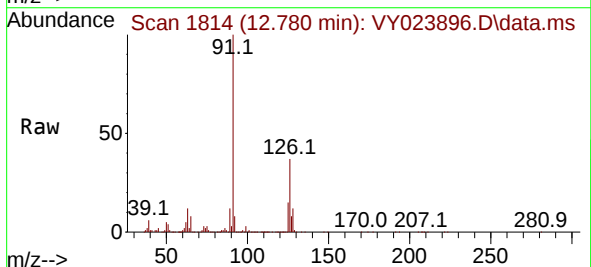
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

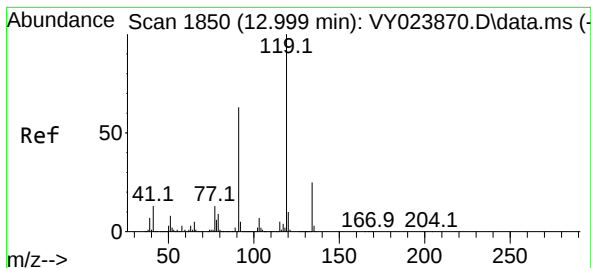
Tgt Ion: 75 Resp: 65670
Ion Ratio Lower Upper
75 100
53 92.9 71.1 106.7
89 49.0 36.3 54.5



#82
4-Chlorotoluene
Concen: 43.119 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

Tgt Ion: 91 Resp: 833501
Ion Ratio Lower Upper
91 100
126 36.1 17.1 51.2

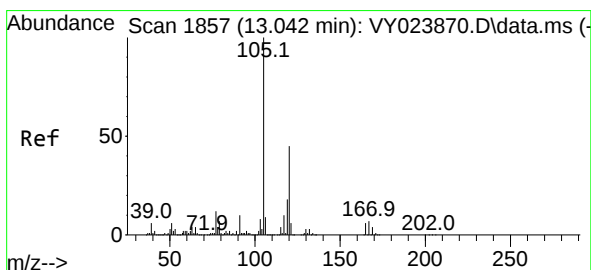
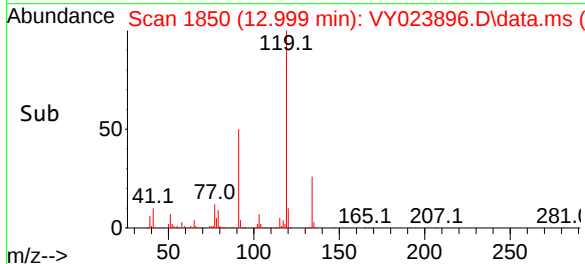
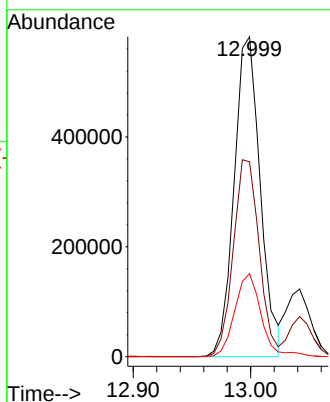
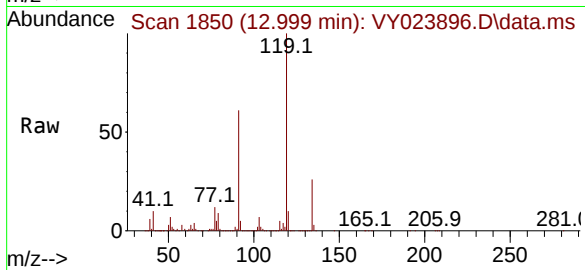




#83
tert-Butylbenzene
Concen: 45.195 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

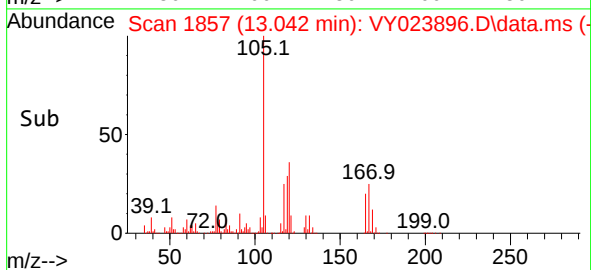
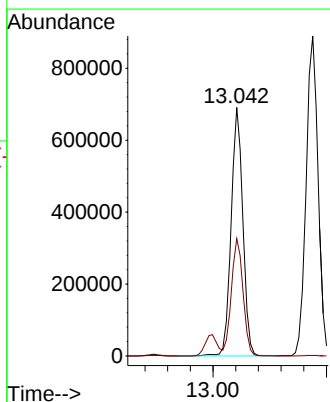
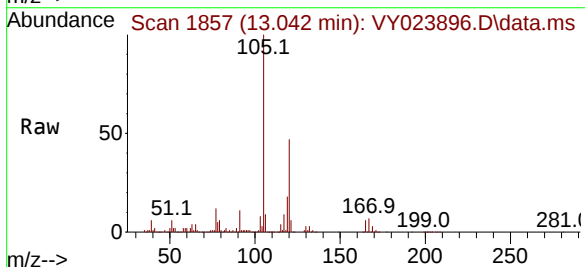
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

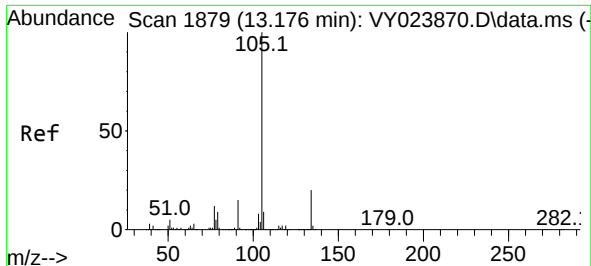
Tgt Ion:119 Resp: 900733
Ion Ratio Lower Upper
119 100
91 61.0 31.8 95.3
134 26.3 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 45.091 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

Tgt Ion:105 Resp: 987507
Ion Ratio Lower Upper
105 100
120 46.8 22.4 67.3

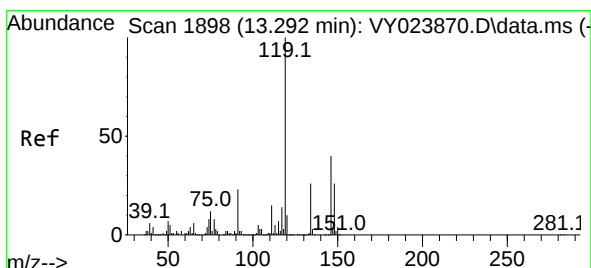
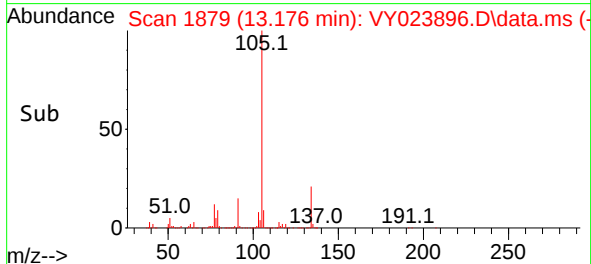
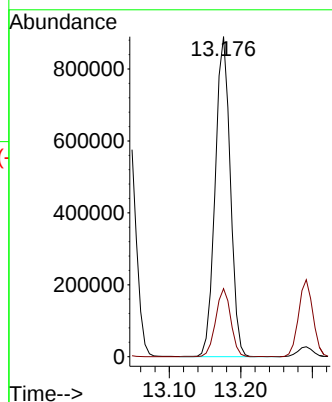
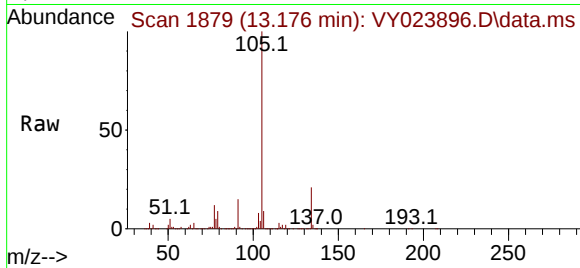




#85
 sec-Butylbenzene
 Concen: 43.998 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.000 min
 Lab File: VY023896.D
 Acq: 04 Dec 2025 15:52

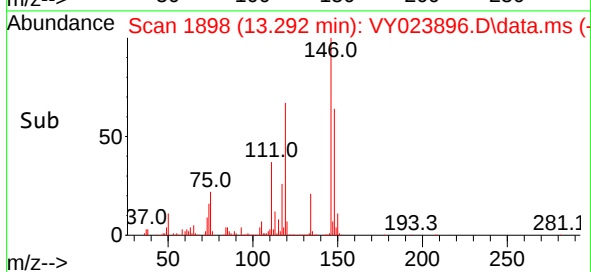
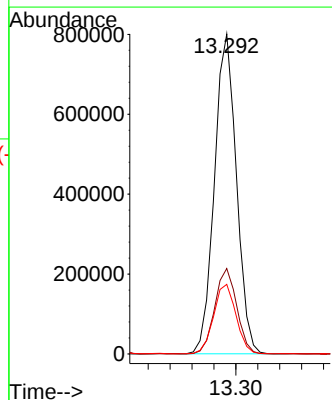
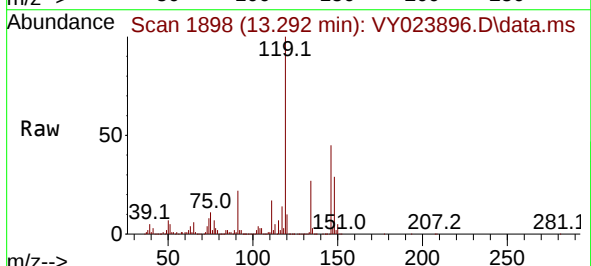
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

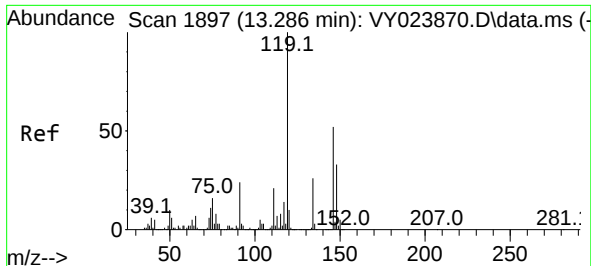
Tgt Ion:105 Resp: 1304369
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 45.405 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY023896.D
 Acq: 04 Dec 2025 15:52

Tgt Ion:119 Resp: 1114533
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.1 39.1
 91 22.2 11.6 34.8

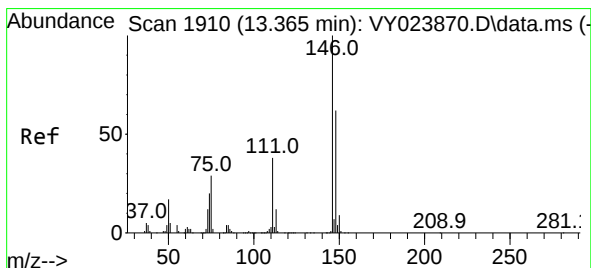
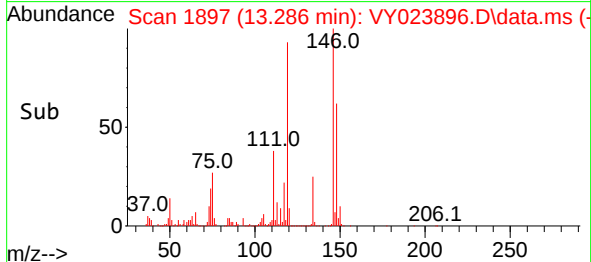
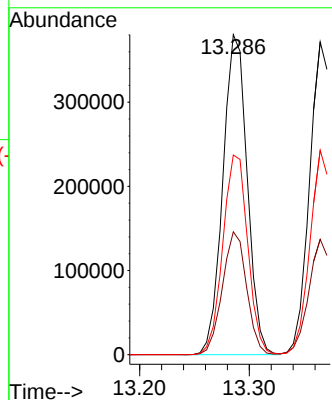
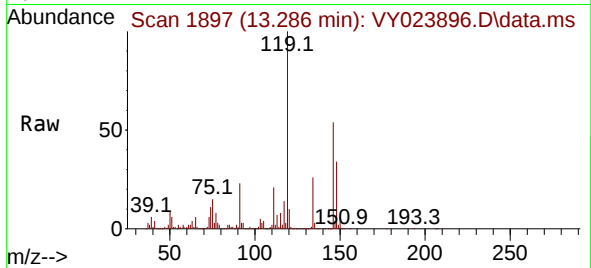




#87
 1,3-Dichlorobenzene
 Concen: 46.163 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. -0.000 min
 Lab File: VY023896.D
 Acq: 04 Dec 2025 15:52

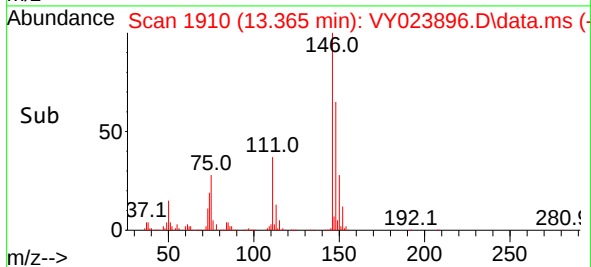
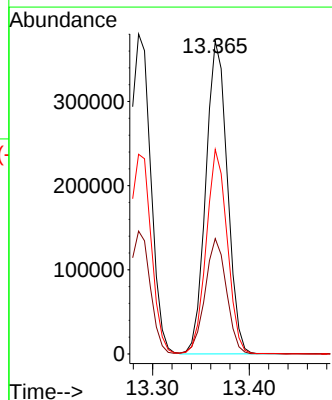
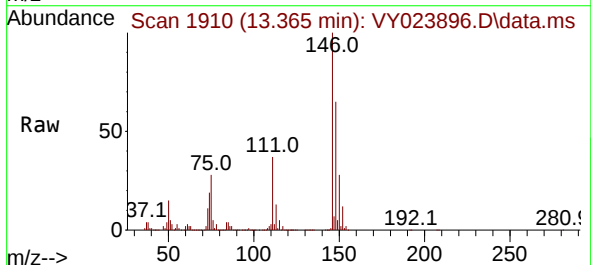
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

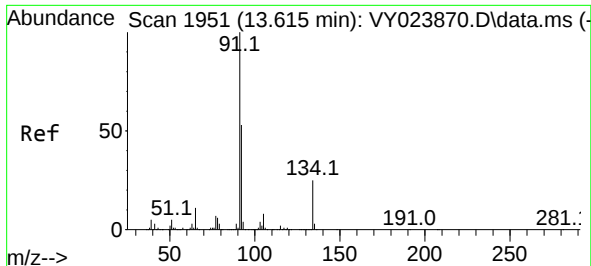
Tgt Ion:146 Resp: 587666
 Ion Ratio Lower Upper
 146 100
 111 38.1 20.0 60.0
 148 63.9 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 46.078 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.000 min
 Lab File: VY023896.D
 Acq: 04 Dec 2025 15:52

Tgt Ion:146 Resp: 575254
 Ion Ratio Lower Upper
 146 100
 111 36.6 19.4 58.1
 148 64.0 32.0 96.2

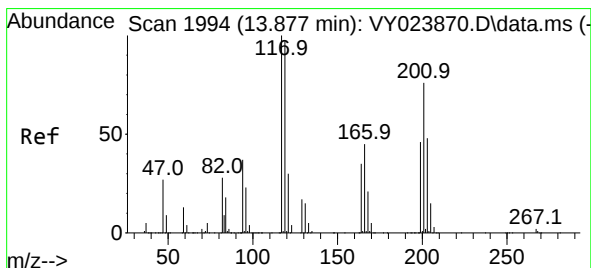
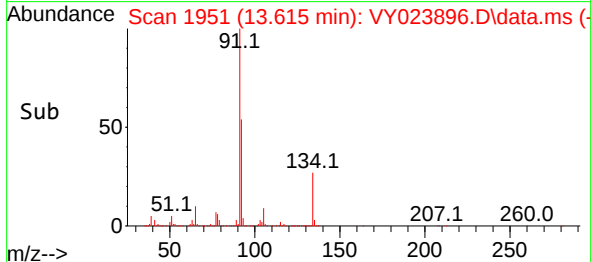
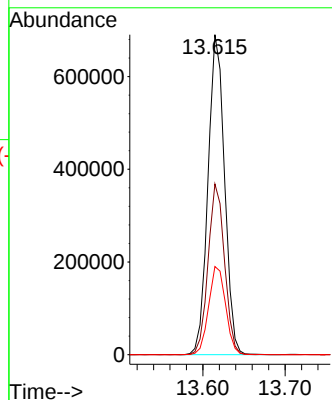
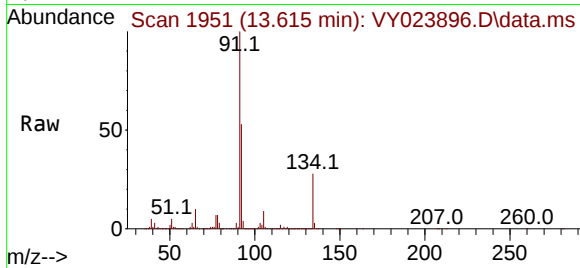




#89
n-Butylbenzene
Concen: 42.432 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

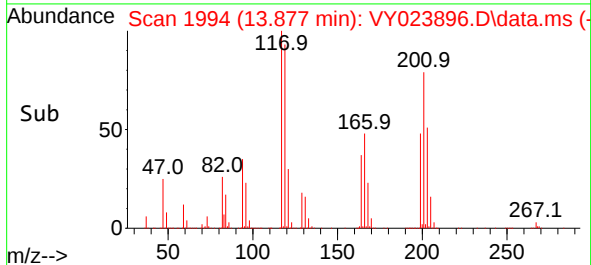
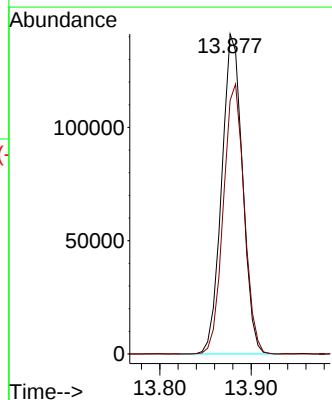
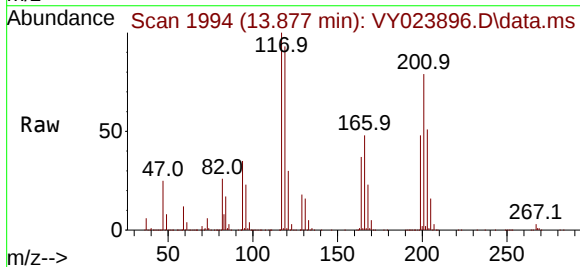
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

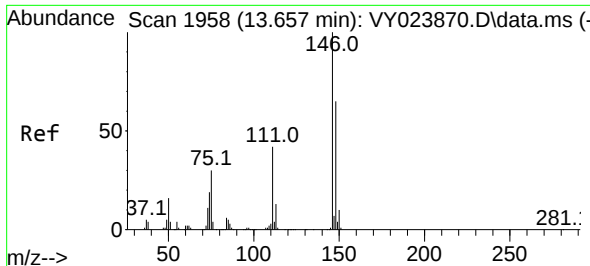
Tgt Ion: 91 Resp: 964035
Ion Ratio Lower Upper
91 100
92 53.0 26.7 80.0
134 28.3 13.0 39.0



#90
Hexachloroethane
Concen: 43.481 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

Tgt Ion: 117 Resp: 223909
Ion Ratio Lower Upper
117 100
201 84.4 39.1 117.2

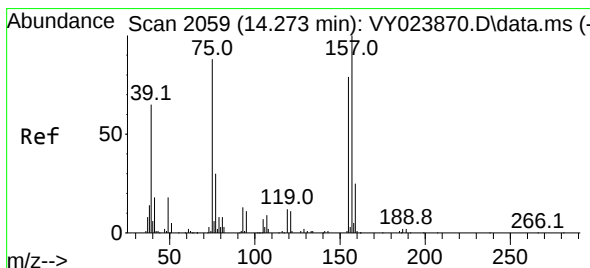
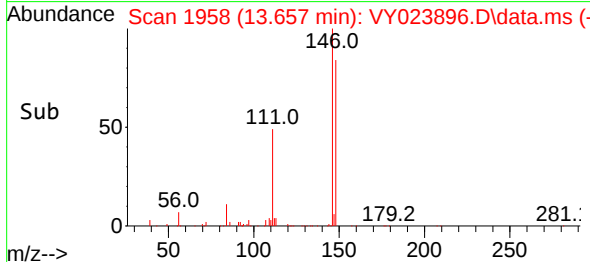
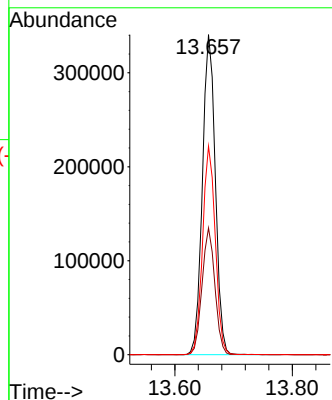
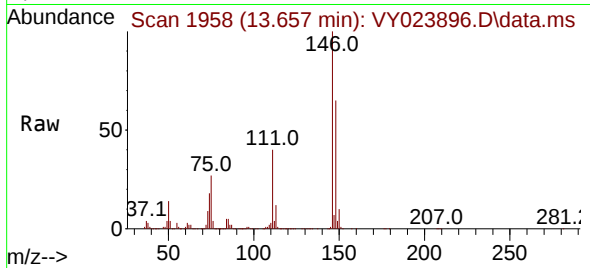




#91
1,2-Dichlorobenzene
Concen: 46.953 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

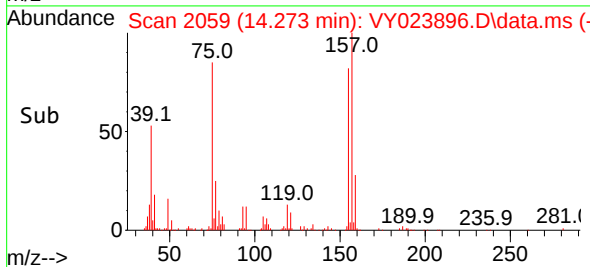
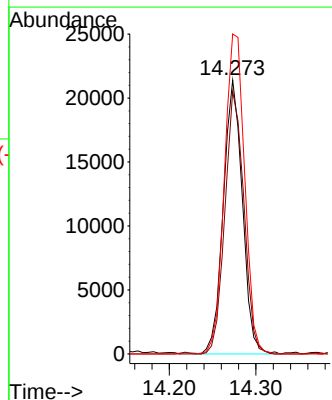
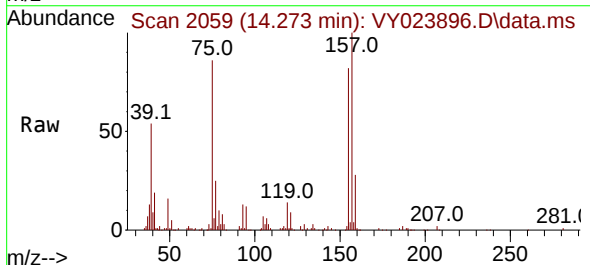
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

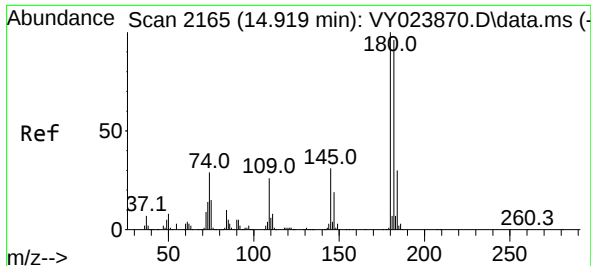
Tgt Ion:146 Resp: 519881
Ion Ratio Lower Upper
146 100
111 39.5 20.4 61.3
148 64.2 32.3 96.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.581 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

Tgt Ion: 75 Resp: 32840
Ion Ratio Lower Upper
75 100
155 95.1 44.4 133.2
157 123.5 57.5 172.3

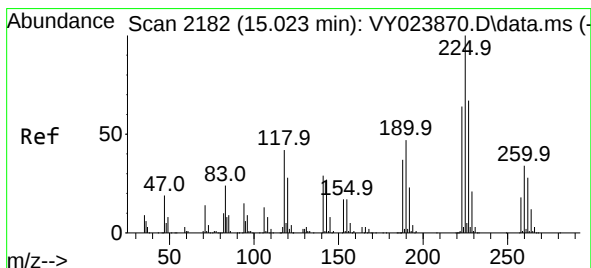
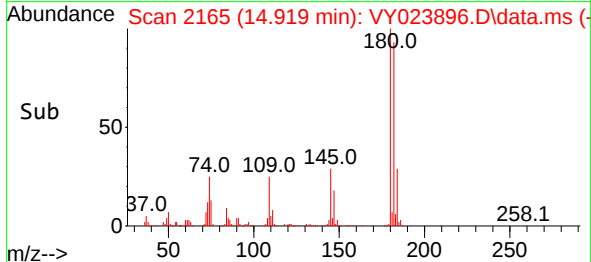
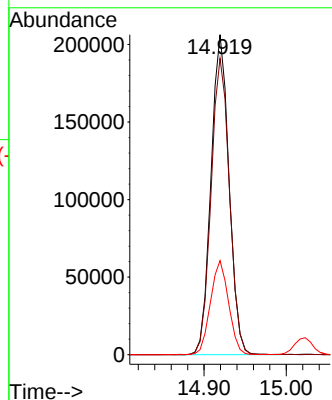
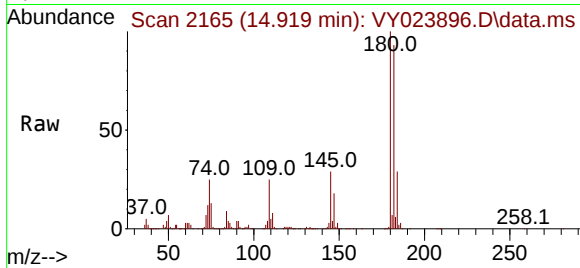




#93
1,2,4-Trichlorobenzene
Concen: 47.929 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

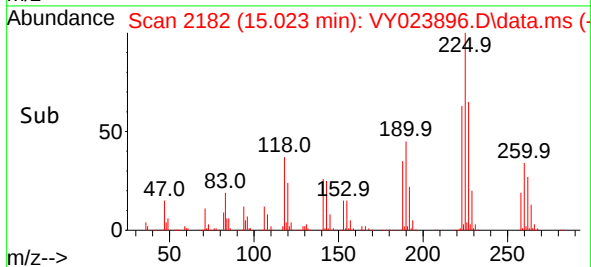
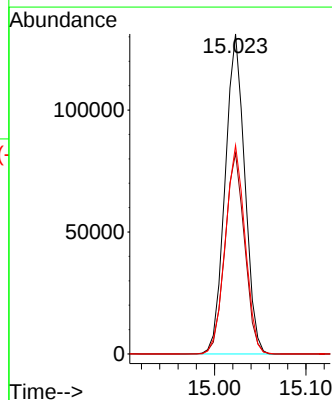
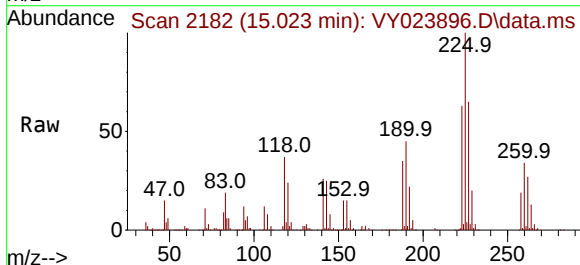
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

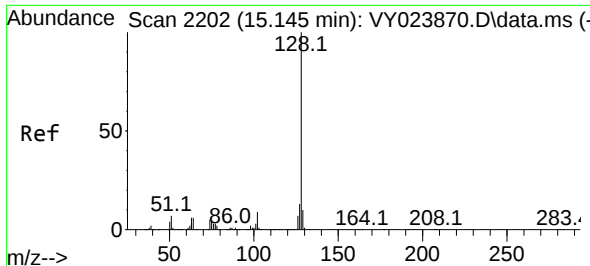
Tgt Ion:180 Resp: 314640
Ion Ratio Lower Upper
180 100
182 94.3 47.4 142.3
145 29.7 15.2 45.5



#94
Hexachlorobutadiene
Concen: 47.520 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

Tgt Ion:225 Resp: 195719
Ion Ratio Lower Upper
225 100
223 62.6 31.6 95.0
227 65.6 32.6 97.8

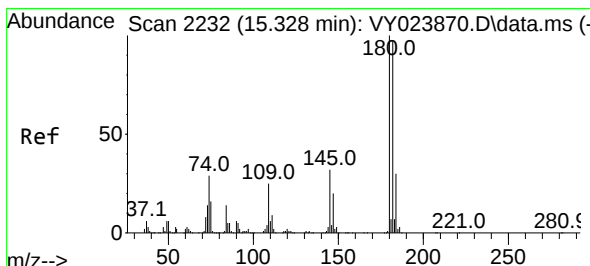
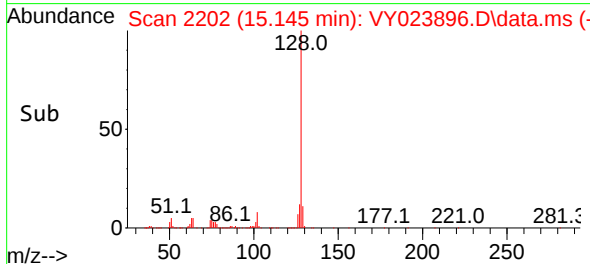
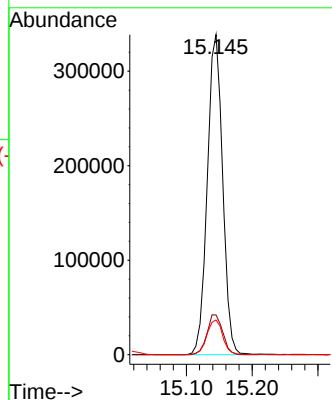
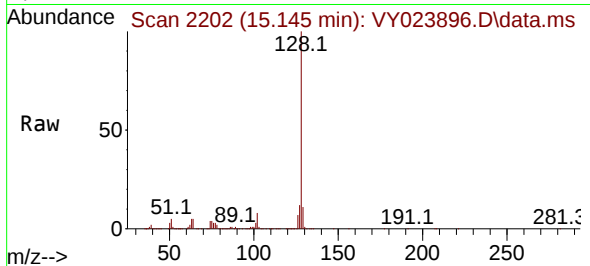




#95
Naphthalene
Concen: 50.818 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 549778
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.657 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY023896.D
Acq: 04 Dec 2025 15:52

Tgt Ion:180 Resp: 272576
Ion Ratio Lower Upper
180 100
182 95.6 46.9 140.8
145 30.7 15.7 47.1

