

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120325\
 Data File : VY023870.D
 Acq On : 03 Dec 2025 14:50
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Dec 04 03:39:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 03:37:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	500292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	761100	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	659081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	346280	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	242926	48.539	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.080%
35) Dibromofluoromethane	7.640	113	238696	48.898	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.800%
50) Toluene-d8	10.109	98	934302	49.185	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.360%
62) 4-Bromofluorobenzene	12.408	95	311056	48.009	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.020%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	211266	55.830	ug/l	100
3) Chloromethane	2.074	50	299851	55.549	ug/l	100
4) Vinyl Chloride	2.208	62	352920	57.318	ug/l	100
5) Bromomethane	2.605	94	226762	51.006	ug/l	100
6) Chloroethane	2.739	64	230195	55.143	ug/l	100
7) Trichlorofluoromethane	3.062	101	474840	55.154	ug/l	100
8) Diethyl Ether	3.458	74	139841	54.218	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	279306	54.147	ug/l	100
10) Methyl Iodide	4.013	142	324558	56.414	ug/l	100
11) Tert butyl alcohol	4.860	59	90452	251.425	ug/l	100
12) 1,1-Dichloroethene	3.799	96	269447	55.906	ug/l	100
13) Acrolein	3.653	56	52583	168.296	ug/l	100
14) Allyl chloride	4.391	41	431324	55.975	ug/l	100
15) Acrylonitrile	5.068	53	308182	274.533	ug/l	100
16) Acetone	3.873	43	383779	255.907	ug/l	100
17) Carbon Disulfide	4.110	76	870120	61.104	ug/l	100
18) Methyl Acetate	4.391	43	137981	54.243	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	671751	55.486	ug/l	100
20) Methylene Chloride	4.622	84	290883	53.999	ug/l	100
21) trans-1,2-Dichloroethene	5.122	96	299126	56.253	ug/l	100
22) Diisopropyl ether	6.025	45	945908	55.752	ug/l	100
23) Vinyl Acetate	5.970	43	2692096	286.247	ug/l	100
24) 1,1-Dichloroethane	5.921	63	533267	54.398	ug/l	100
25) 2-Butanone	6.896	43	468169	258.962	ug/l	100
26) 2,2-Dichloropropane	6.890	77	469449	52.249	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	338779	54.866	ug/l	100
28) Bromochloromethane	7.250	49	220658	58.910	ug/l	100
29) Tetrahydrofuran	7.268	42	264550	282.949	ug/l	100
30) Chloroform	7.427	83	530633	53.567	ug/l	100
31) Cyclohexane	7.707	56	526142	56.135	ug/l	100
32) 1,1,1-Trichloroethane	7.622	97	484349	54.165	ug/l	100
36) 1,1-Dichloropropene	7.841	75	409369	56.873	ug/l	100
37) Ethyl Acetate	6.988	43	186029	55.969	ug/l	100
38) Carbon Tetrachloride	7.823	117	439435	55.315	ug/l	100
39) Methylcyclohexane	9.109	83	559705	59.738	ug/l	100
40) Benzene	8.085	78	1222341	56.182	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120325\
 Data File : VY023870.D
 Acq On : 03 Dec 2025 14:50
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Dec 04 03:39:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 03:37:03 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.262	41	251519	146.769	ug/l #	51
42) 1,2-Dichloroethane	8.158	62	311867	54.932	ug/l	100
43) Isopropyl Acetate	8.201	43	347002	55.799	ug/l	100
44) Trichloroethene	8.866	130	312511	55.824	ug/l	100
45) 1,2-Dichloropropane	9.140	63	284261	55.181	ug/l	100
46) Dibromomethane	9.231	93	153815	55.152	ug/l	100
47) Bromodichloromethane	9.427	83	403233	54.802	ug/l	100
48) Methyl methacrylate	9.219	41	170617	58.727	ug/l	100
49) 1,4-Dioxane	9.231	88	34732	1120.011	ug/l	100
51) 4-Methyl-2-Pentanone	10.000	43	942369	288.179	ug/l	100
52) Toluene	10.170	92	775238	56.900	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	375381	56.526	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	441548	56.463	ug/l	100
55) 1,1,2-Trichloroethane	10.573	97	206945	54.969	ug/l	100
56) Ethyl methacrylate	10.439	69	283075	51.379	ug/l	100
57) 1,3-Dichloropropane	10.719	76	360829	55.646	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	650281	270.791	ug/l	100
59) 2-Hexanone	10.762	43	695740	282.099	ug/l	100
60) Dibromochloromethane	10.914	129	277647	55.000	ug/l	100
61) 1,2-Dibromoethane	11.018	107	192648	56.150	ug/l	100
64) Tetrachloroethene	10.646	164	359396	55.723	ug/l	100
65) Chlorobenzene	11.444	112	822706	54.689	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	280546	54.659	ug/l	100
67) Ethyl Benzene	11.518	91	1485579	57.123	ug/l	100
68) m/p-Xylenes	11.627	106	1139947	114.680	ug/l	100
69) o-Xylene	11.957	106	536516	57.706	ug/l	100
70) Styrene	11.969	104	879821	57.406	ug/l	100
71) Bromoform	12.133	173	158496	54.653	ug/l	100
73) Isopropylbenzene	12.255	105	1427981	55.971	ug/l	100
74) N-amyl acetate	12.072	43	318349	57.575	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.505	83	217767	52.904	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	307387	89.541	ug/l #	100
77) Bromobenzene	12.530	156	319076	53.850	ug/l	100
78) n-propylbenzene	12.597	91	1732541	56.277	ug/l	100
79) 2-Chlorotoluene	12.682	91	961405	54.987	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	1156532	55.790	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	79135	55.211	ug/l	100
82) 4-Chlorotoluene	12.780	91	986826	54.440	ug/l	100
83) tert-Butylbenzene	12.999	119	1046589	56.001	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	1159100	56.440	ug/l	100
85) sec-Butylbenzene	13.176	105	1565508	56.312	ug/l	100
86) p-Isopropyltoluene	13.292	119	1305932	56.735	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	636686	53.335	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	624513	53.346	ug/l	100
89) n-Butylbenzene	13.615	91	1211662	56.873	ug/l	100
90) Hexachloroethane	13.877	117	256745	53.168	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	557111	53.656	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	34000	52.532	ug/l	100
93) 1,2,4-Trichlorobenzene	14.919	180	330167	53.634	ug/l	100
94) Hexachlorobutadiene	15.023	225	207145	53.634	ug/l	100
95) Naphthalene	15.145	128	562927	55.488	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	283318	53.933	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120325\
Data File : VY023870.D
Acq On : 03 Dec 2025 14:50
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

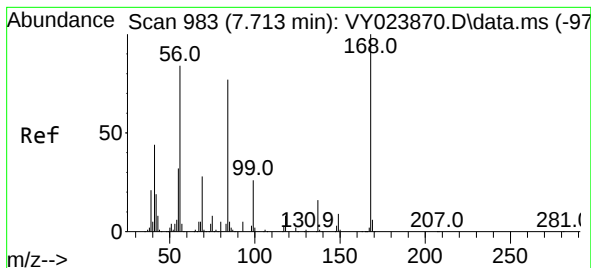
Quant Time: Dec 04 03:39:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 04 03:37:03 2025
Response via : Initial Calibration

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

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

Quant Time: Dec 04 03:39:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 04 03:37:03 2025
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY023870.D

Acq: 03 Dec 2025 14:50

Instrument :

MSVOA_Y

ClientSampleId :

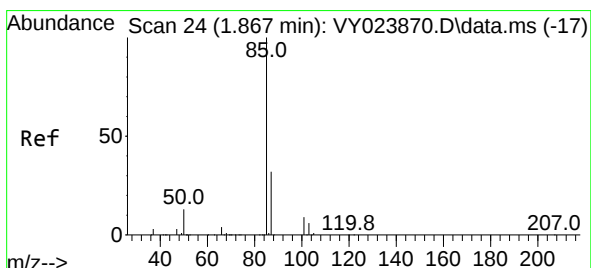
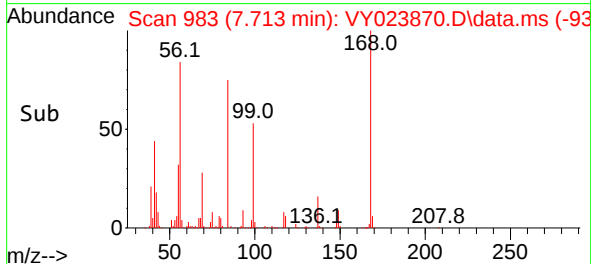
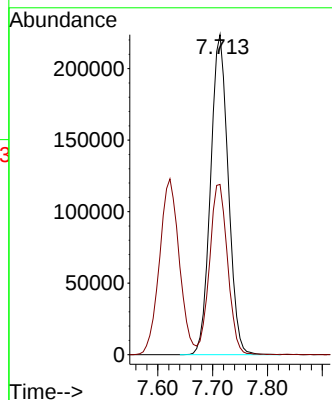
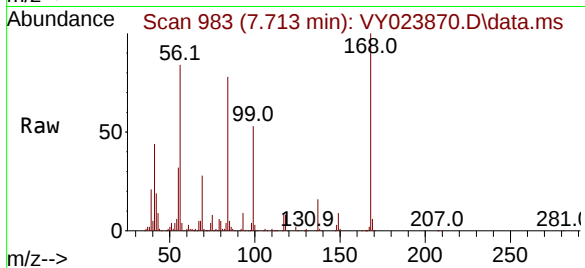
VSTDICCC050

Tgt Ion:168 Resp: 500292

Ion Ratio Lower Upper

168 100

99 53.1 42.5 63.7



#2

Dichlorodifluoromethane

Concen: 55.830 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.000 min

Lab File: VY023870.D

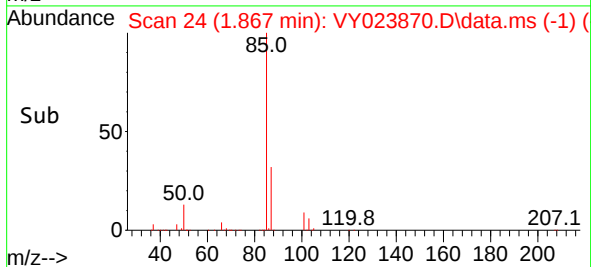
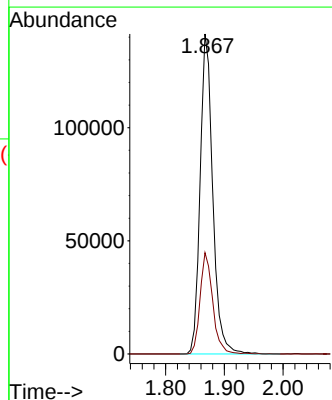
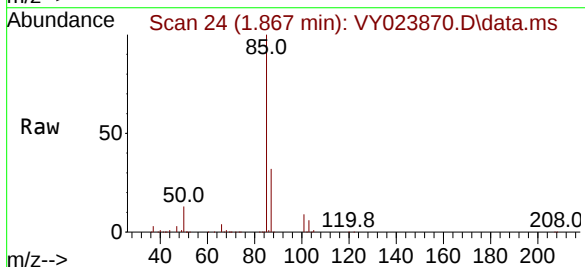
Acq: 03 Dec 2025 14:50

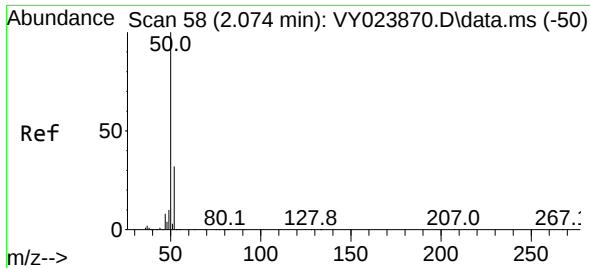
Tgt Ion: 85 Resp: 211266

Ion Ratio Lower Upper

85 100

87 31.7 15.9 47.6

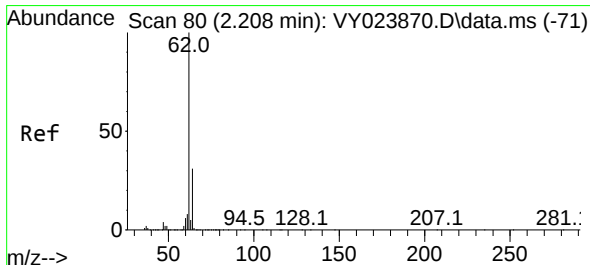
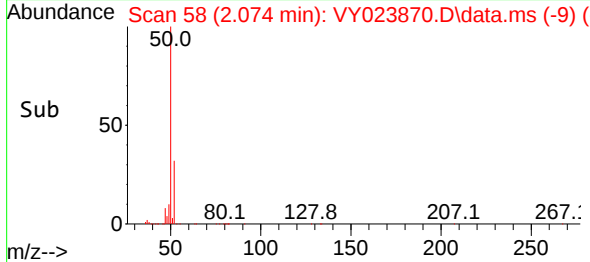
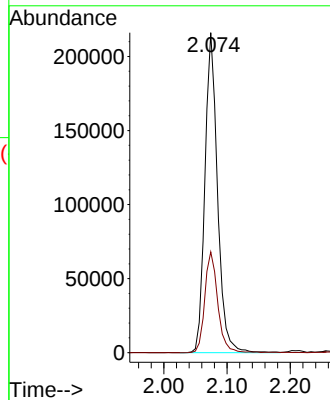
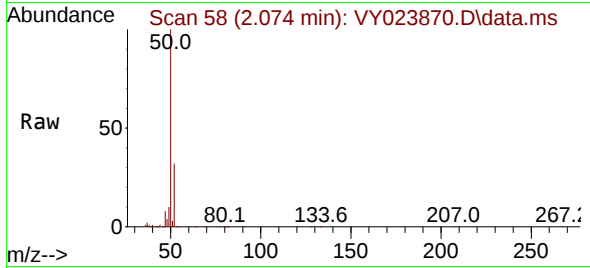




#3
Chloromethane
Concen: 55.549 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY023870.D
Acq: 03 Dec 2025 14:50

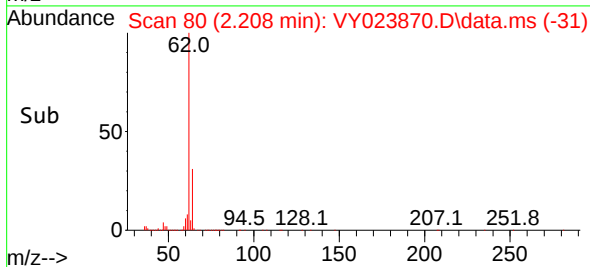
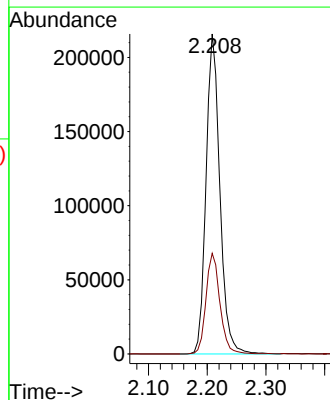
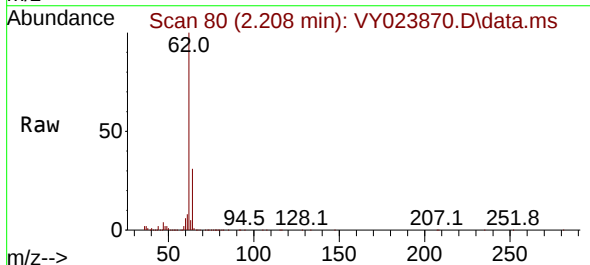
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

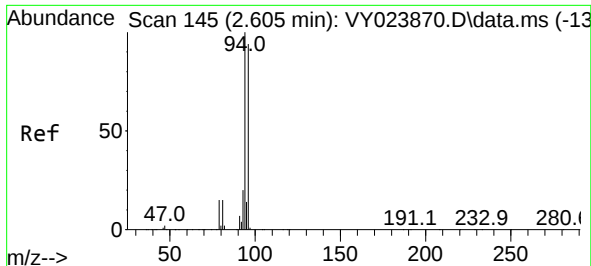
Tgt Ion: 50 Resp: 299851
Ion Ratio Lower Upper
50 100
52 31.5 25.2 37.8



#4
Vinyl Chloride
Concen: 57.318 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY023870.D
Acq: 03 Dec 2025 14:50

Tgt Ion: 62 Resp: 352920
Ion Ratio Lower Upper
62 100
64 31.4 25.1 37.7

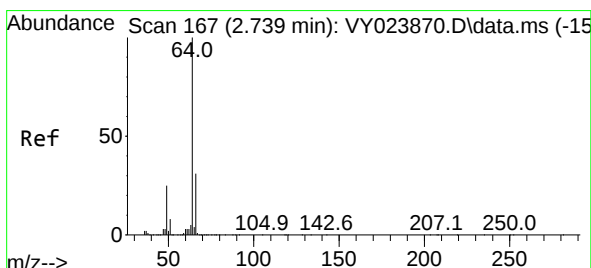
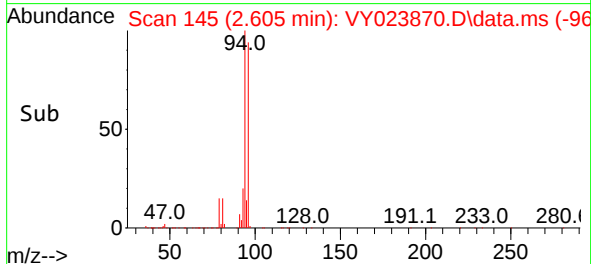
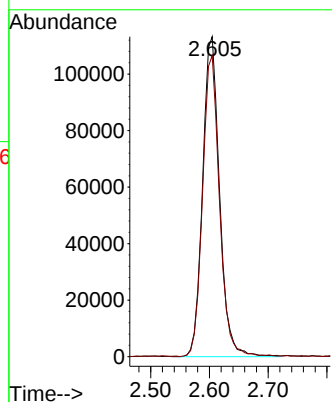
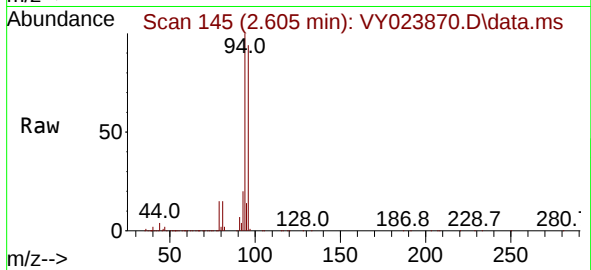




#5
Bromomethane
Concen: 51.006 ug/l
RT: 2.605 min Scan# 145
Delta R.T. 0.000 min
Lab File: VY023870.D
Acq: 03 Dec 2025 14:50

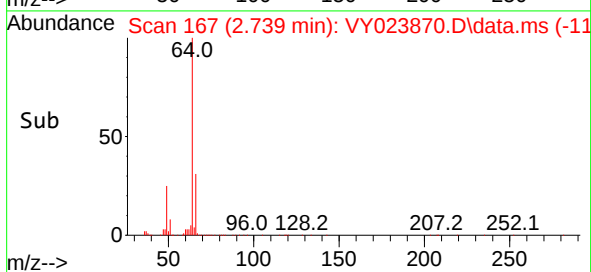
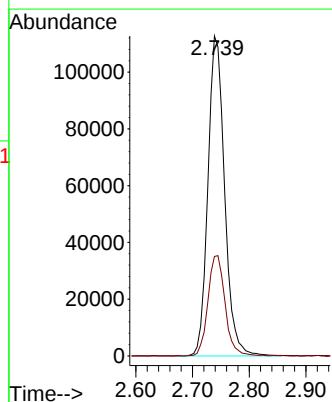
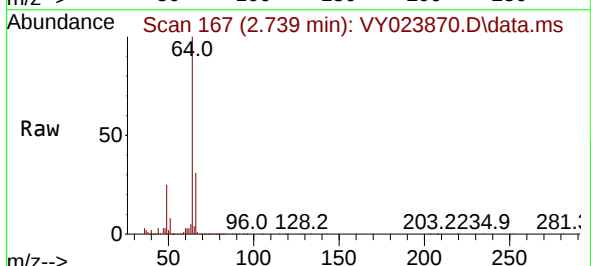
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

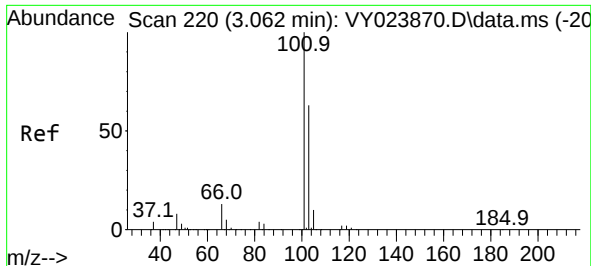
Tgt Ion: 94 Resp: 226762
Ion Ratio Lower Upper
94 100
96 94.0 75.2 112.8



#6
Chloroethane
Concen: 55.143 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY023870.D
Acq: 03 Dec 2025 14:50

Tgt Ion: 64 Resp: 230195
Ion Ratio Lower Upper
64 100
66 31.0 24.8 37.2

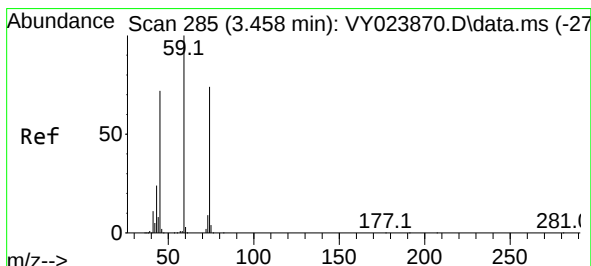
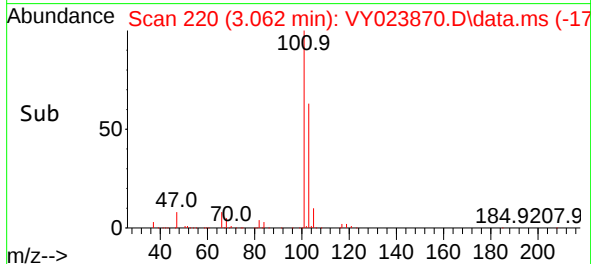
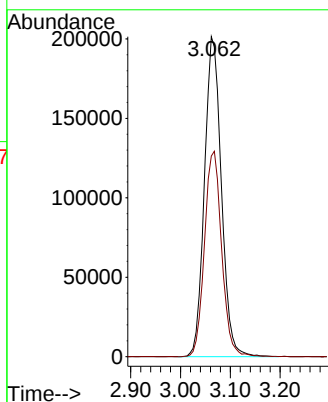
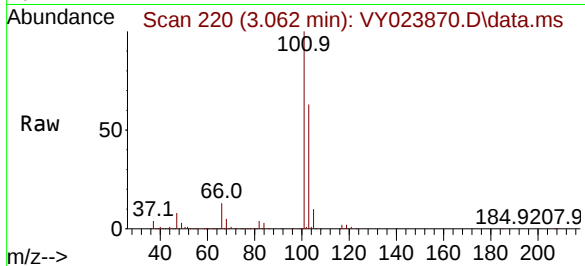




#7
Trichlorofluoromethane
Concen: 55.154 ug/l
RT: 3.062 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY023870.D
Acq: 03 Dec 2025 14:50

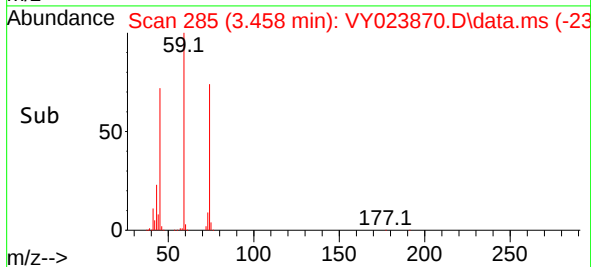
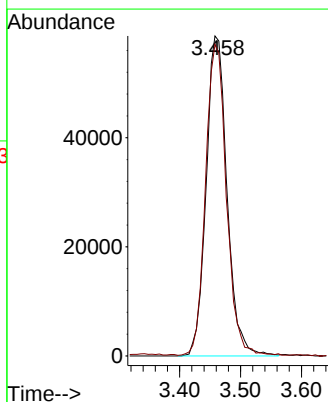
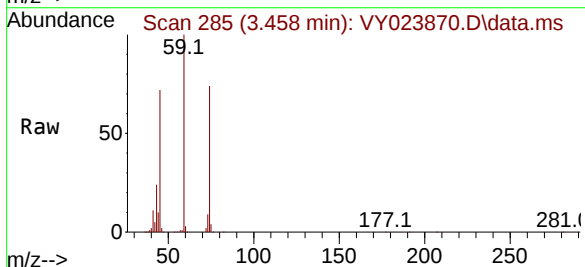
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

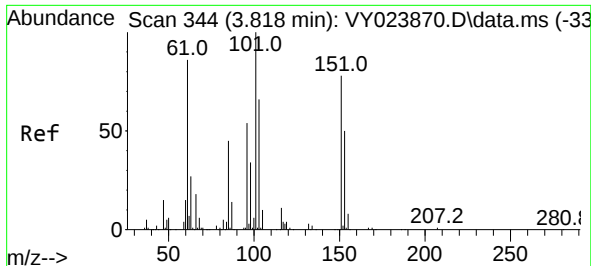
Tgt Ion:101 Resp: 474840
Ion Ratio Lower Upper
101 100
103 62.7 50.2 75.2



#8
Diethyl Ether
Concen: 54.218 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
Lab File: VY023870.D
Acq: 03 Dec 2025 14:50

Tgt Ion: 74 Resp: 139841
Ion Ratio Lower Upper
74 100
45 96.9 48.4 145.3

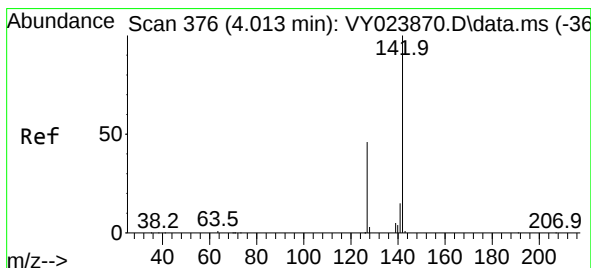
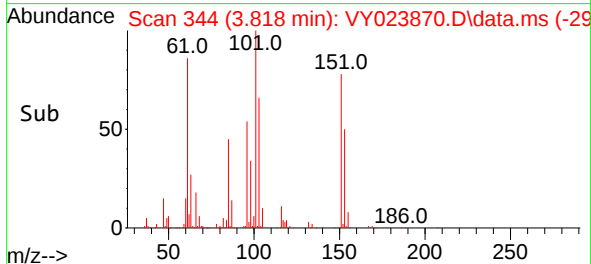
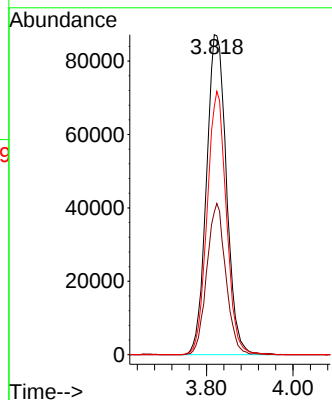
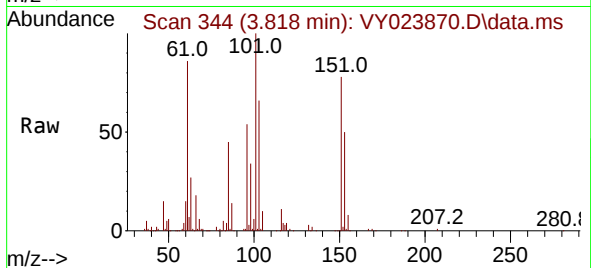




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.147 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY023870.D
Acq: 03 Dec 2025 14:50

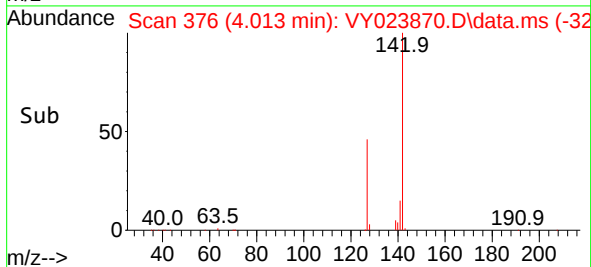
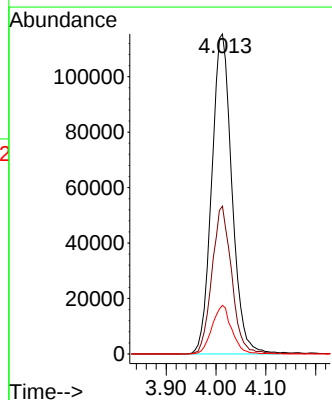
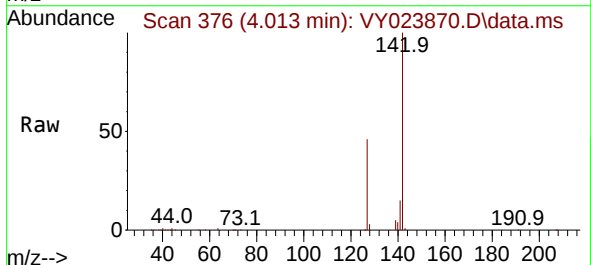
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

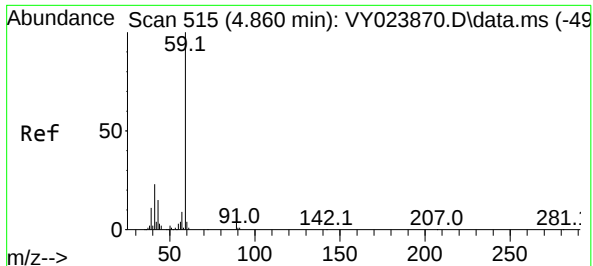
Tgt Ion:101 Resp: 279306
Ion Ratio Lower Upper
101 100
85 44.8 35.8 53.8
151 79.2 63.4 95.0



#10
Methyl Iodide
Concen: 56.414 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.000 min
Lab File: VY023870.D
Acq: 03 Dec 2025 14:50

Tgt Ion:142 Resp: 324558
Ion Ratio Lower Upper
142 100
127 45.1 36.1 54.1
141 14.8 11.8 17.8





#11

Tert butyl alcohol

Concen: 251.425 ug/l

RT: 4.860 min Scan# 515

Delta R.T. 0.000 min

Lab File: VY023870.D

Acq: 03 Dec 2025 14:50

Instrument :

MSVOA_Y

ClientSampleId :

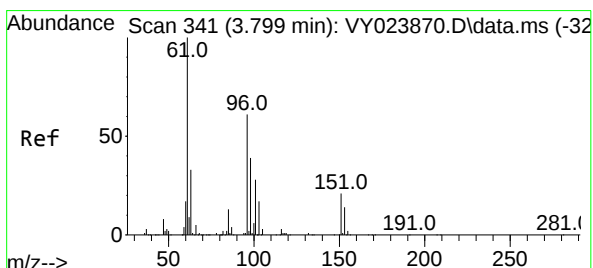
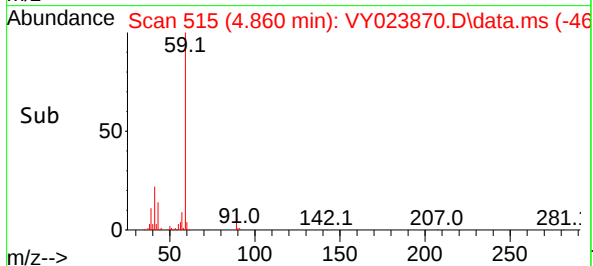
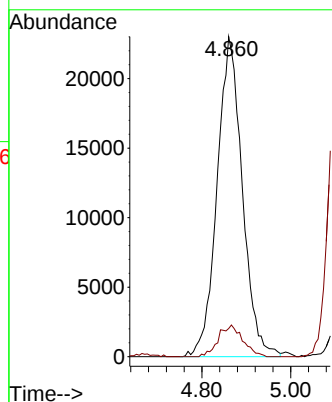
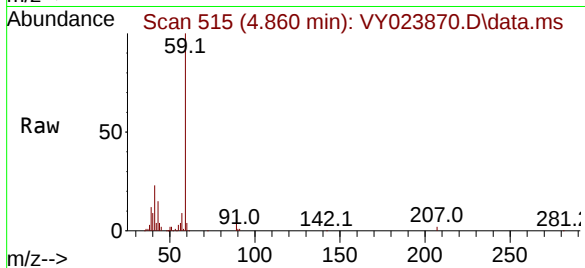
VSTDICCC050

Tgt Ion: 59 Resp: 90452

Ion Ratio Lower Upper

59 100

57 9.6 7.7 11.5



#12

1,1-Dichloroethene

Concen: 55.906 ug/l

RT: 3.799 min Scan# 341

Delta R.T. 0.000 min

Lab File: VY023870.D

Acq: 03 Dec 2025 14:50

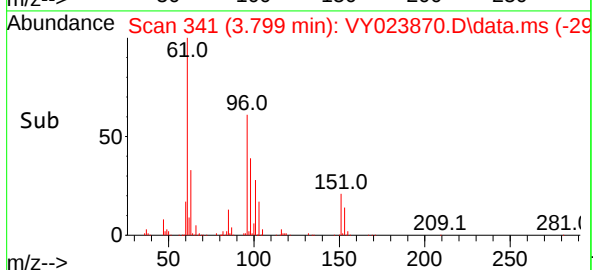
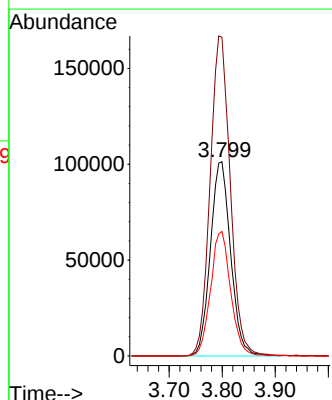
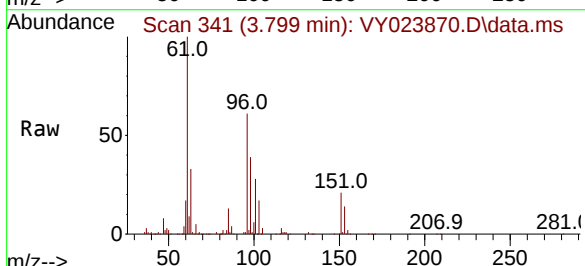
Tgt Ion: 96 Resp: 269447

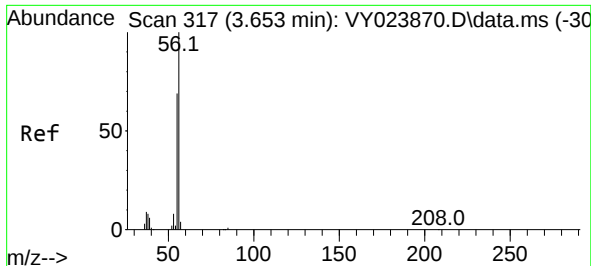
Ion Ratio Lower Upper

96 100

61 164.0 131.2 196.8

98 64.1 51.3 76.9

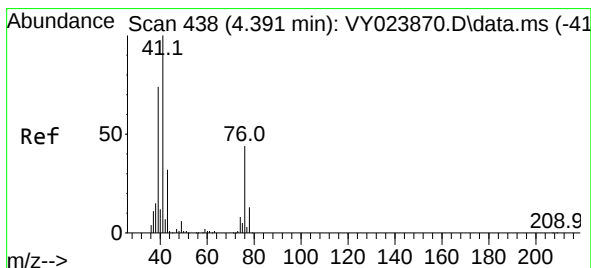
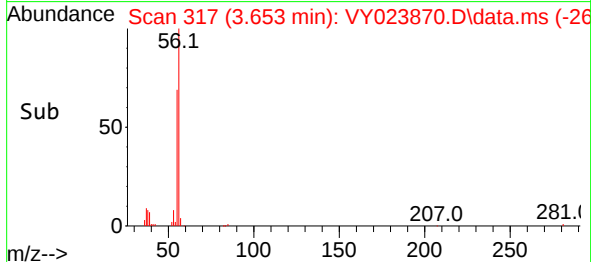
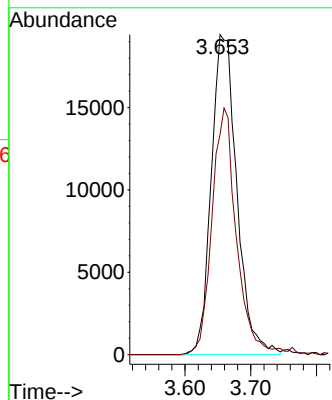
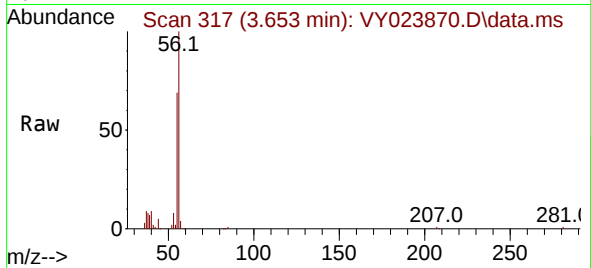




#13
Acrolein
Concen: 168.296 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY023870.D
Acq: 03 Dec 2025 14:50

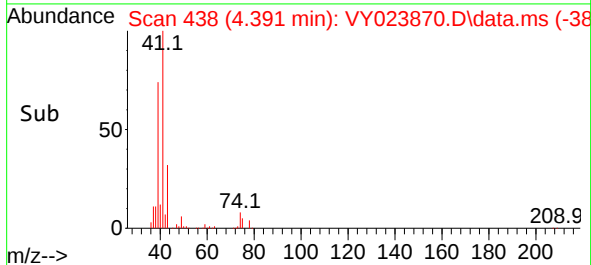
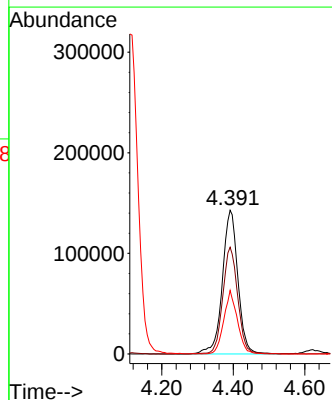
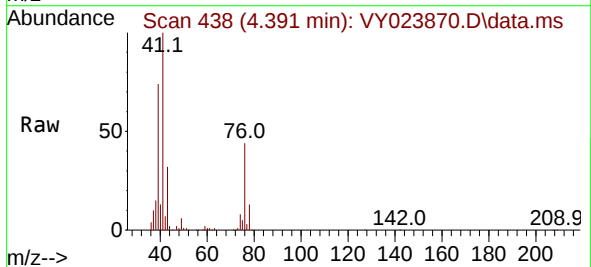
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

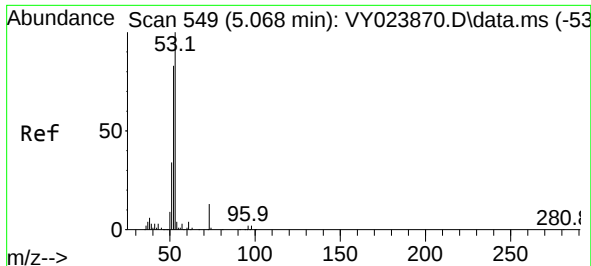
Tgt Ion: 56 Resp: 52583
Ion Ratio Lower Upper
56 100
55 73.8 59.0 88.6



#14
Allyl chloride
Concen: 55.975 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY023870.D
Acq: 03 Dec 2025 14:50

Tgt Ion: 41 Resp: 431324
Ion Ratio Lower Upper
41 100
39 71.7 57.4 86.0
76 38.5 30.8 46.2

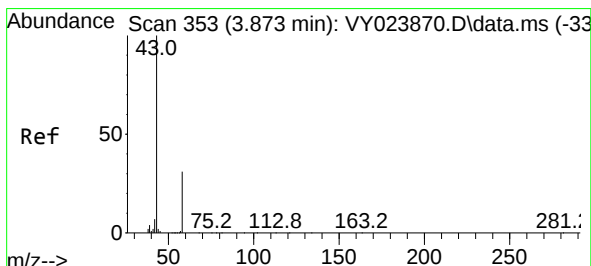
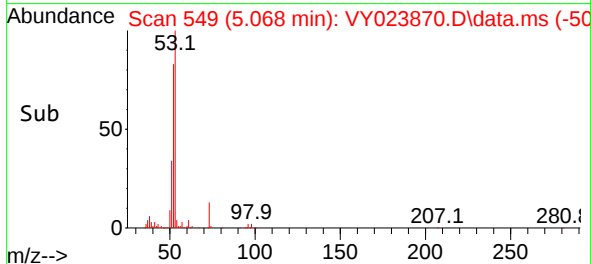
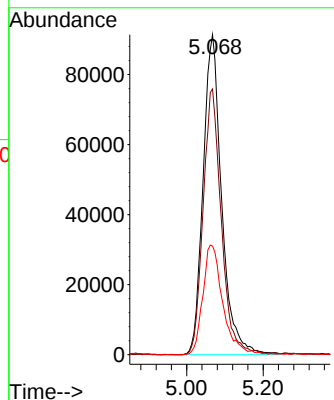
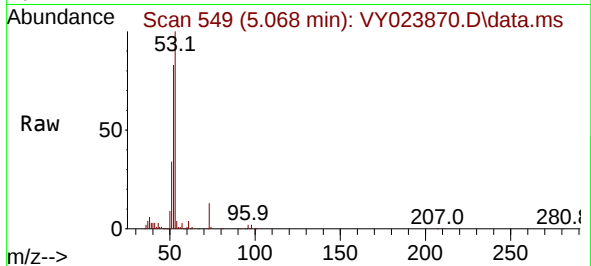




#15
Acrylonitrile
Concen: 274.533 ug/l
RT: 5.068 min Scan# 549
Delta R.T. 0.000 min
Lab File: VY023870.D
Acq: 03 Dec 2025 14:50

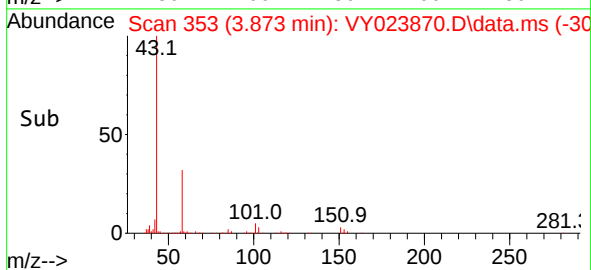
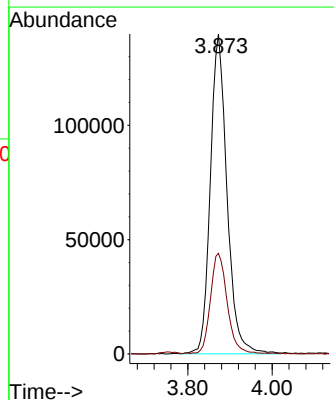
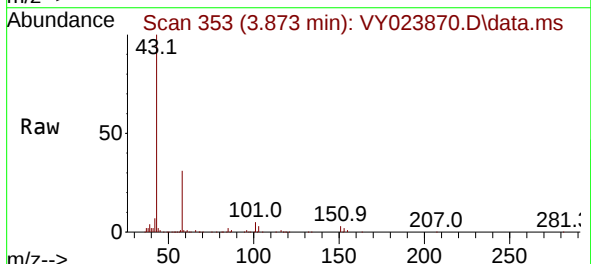
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

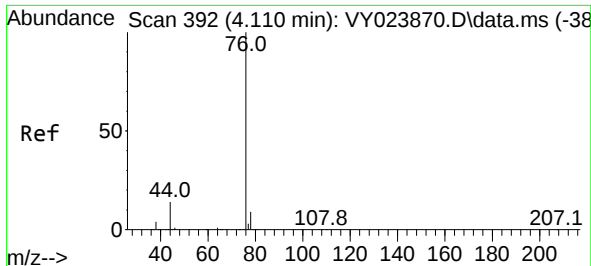
Tgt Ion: 53 Resp: 308182
Ion Ratio Lower Upper
53 100
52 81.4 65.1 97.7
51 36.9 29.5 44.3



#16
Acetone
Concen: 255.907 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY023870.D
Acq: 03 Dec 2025 14:50

Tgt Ion: 43 Resp: 383779
Ion Ratio Lower Upper
43 100
58 31.4 25.1 37.7

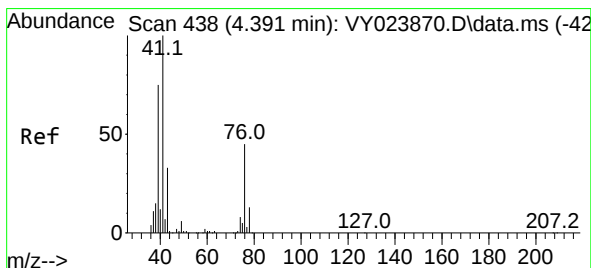
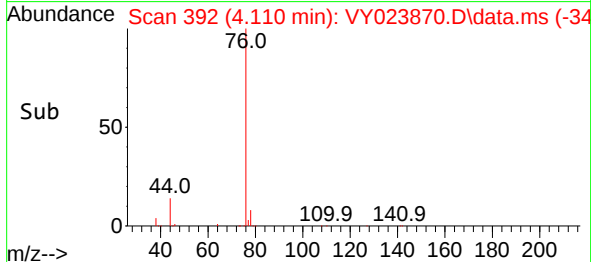
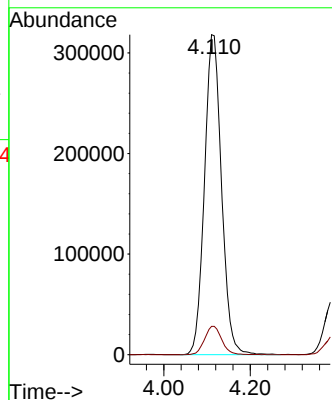
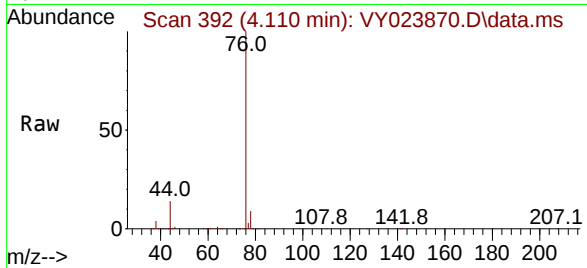




#17
Carbon Disulfide
Concen: 61.104 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY023870.D
Acq: 03 Dec 2025 14:50

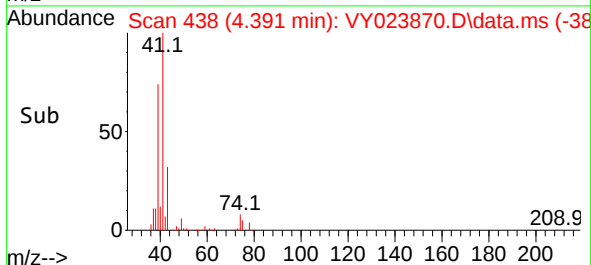
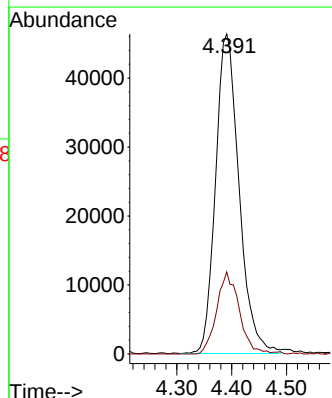
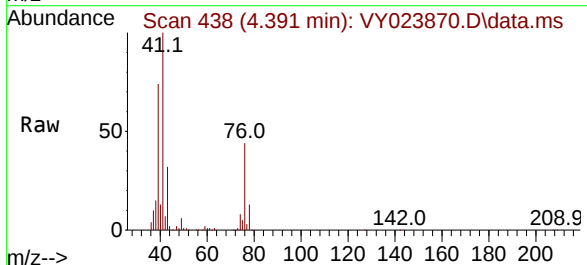
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

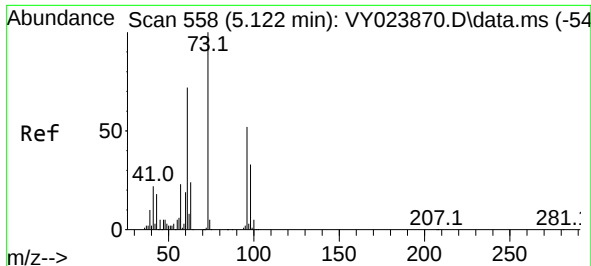
Tgt Ion: 76 Resp: 870120
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 54.243 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY023870.D
Acq: 03 Dec 2025 14:50

Tgt Ion: 43 Resp: 137981
Ion Ratio Lower Upper
43 100
74 24.5 19.6 29.4





#19

Methyl tert-butyl Ether

Concen: 55.486 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY023870.D

Acq: 03 Dec 2025 14:50

Instrument :

MSVOA_Y

ClientSampleId :

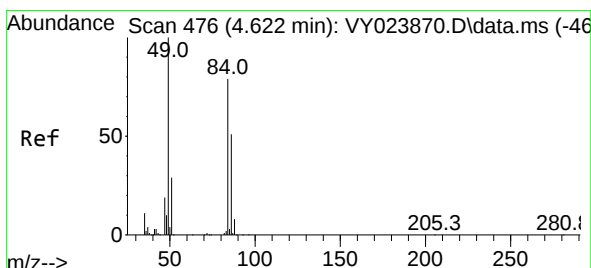
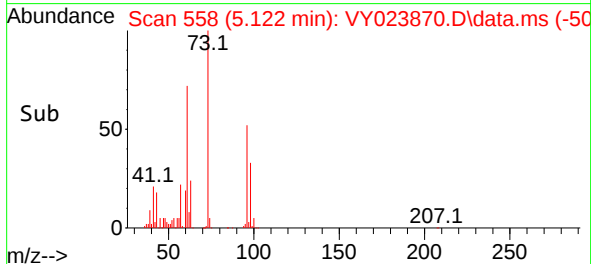
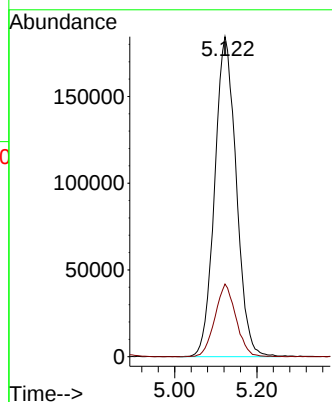
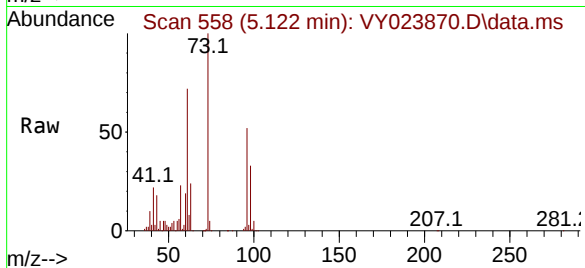
VSTDICCC050

Tgt Ion: 73 Resp: 671751

Ion Ratio Lower Upper

73 100

57 22.7 18.2 27.2



#20

Methylene Chloride

Concen: 53.999 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.000 min

Lab File: VY023870.D

Acq: 03 Dec 2025 14:50

Tgt Ion: 84 Resp: 290883

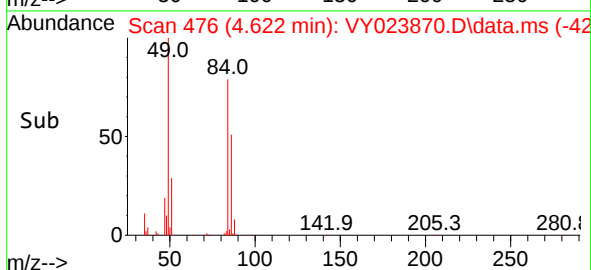
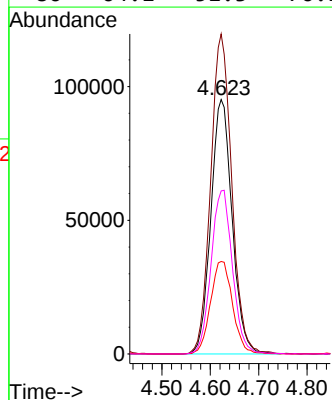
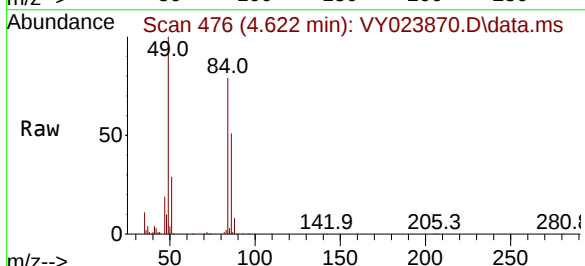
Ion Ratio Lower Upper

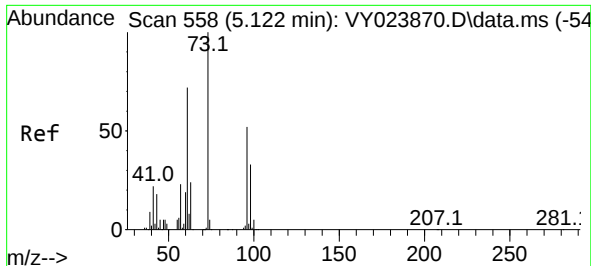
84 100

49 125.8 100.6 151.0

51 36.3 29.0 43.6

86 64.1 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 56.253 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY023870.D

Acq: 03 Dec 2025 14:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

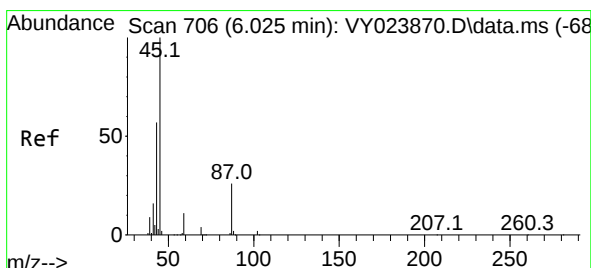
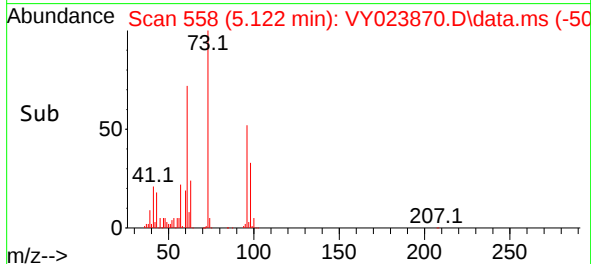
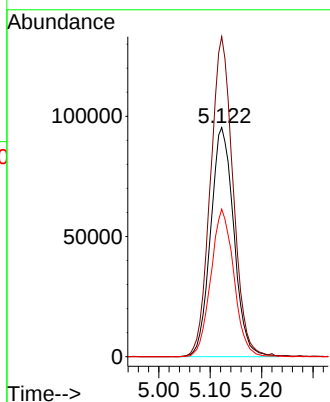
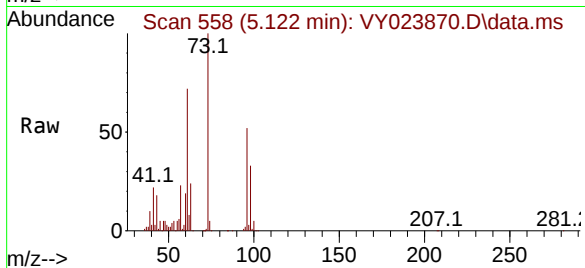
Tgt Ion: 96 Resp: 299126

Ion Ratio Lower Upper

96 100

61 139.6 111.7 167.5

98 64.4 51.5 77.3



#22

Diisopropyl ether

Concen: 55.752 ug/l

RT: 6.025 min Scan# 706

Delta R.T. 0.000 min

Lab File: VY023870.D

Acq: 03 Dec 2025 14:50

Tgt Ion: 45 Resp: 945908

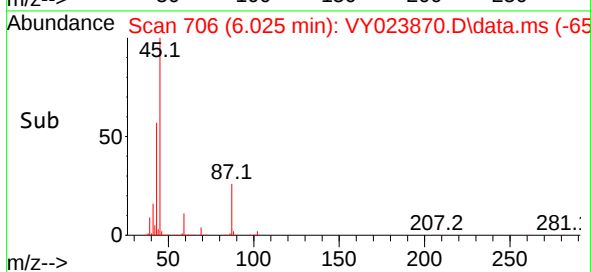
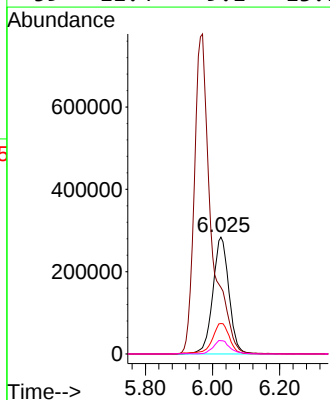
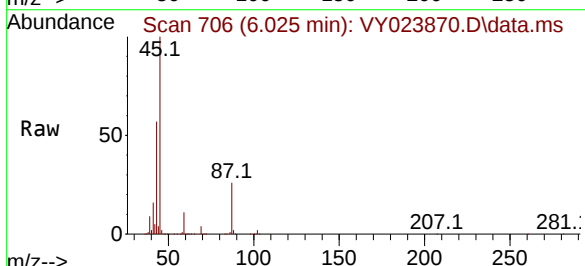
Ion Ratio Lower Upper

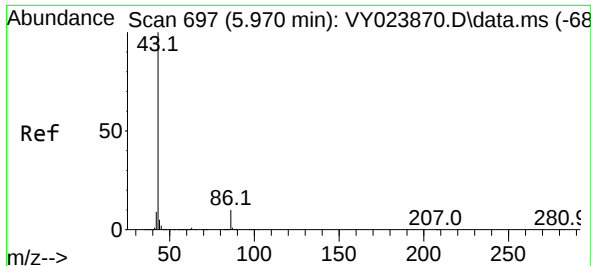
45 100

43 56.9 45.5 68.3

87 25.9 20.7 31.1

59 11.4 9.1 13.7

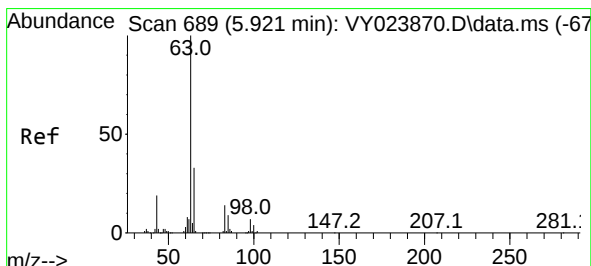
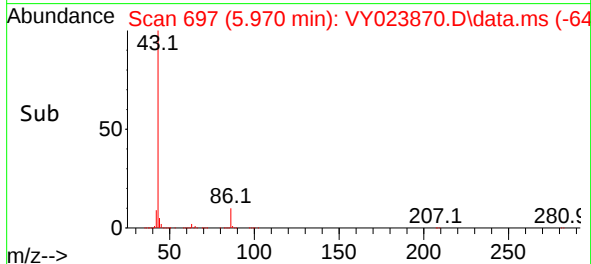
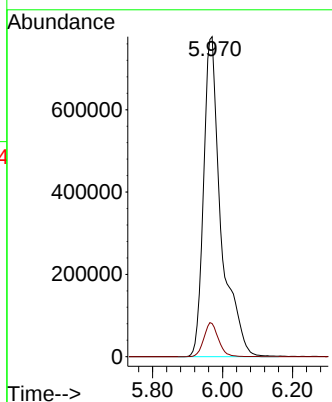
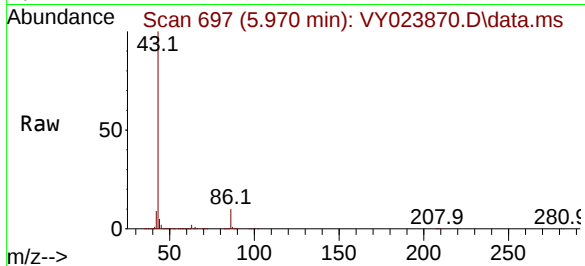




#23
 Vinyl Acetate
 Concen: 286.247 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY023870.D
 Acq: 03 Dec 2025 14:50

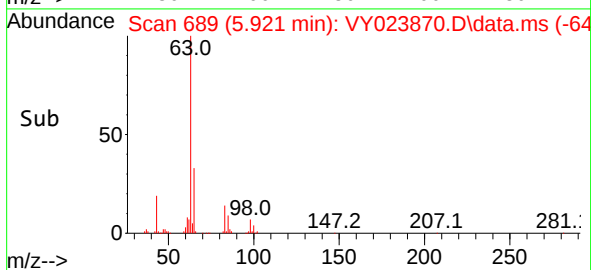
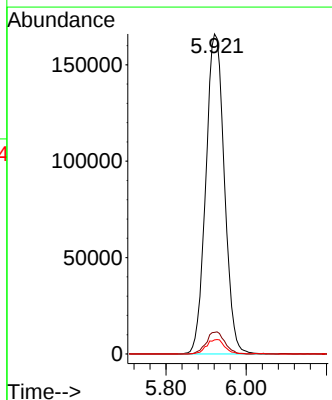
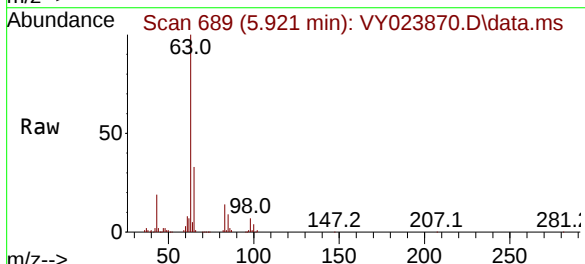
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

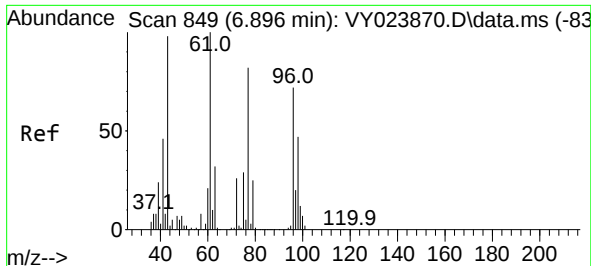
Tgt Ion: 43 Resp: 2692096
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 54.398 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY023870.D
 Acq: 03 Dec 2025 14:50

Tgt Ion: 63 Resp: 533267
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.1
 100 4.4 2.2 6.6





#25

2-Butanone

Concen: 258.962 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY023870.D

Acq: 03 Dec 2025 14:50

Instrument :

MSVOA_Y

ClientSampleId :

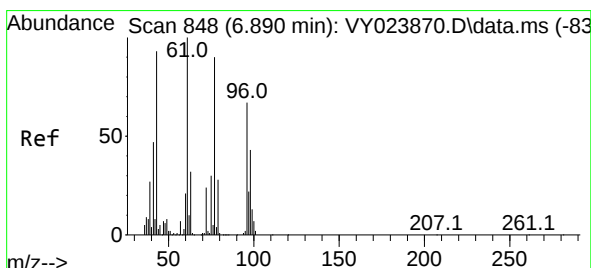
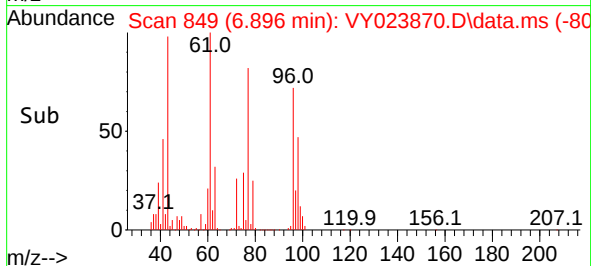
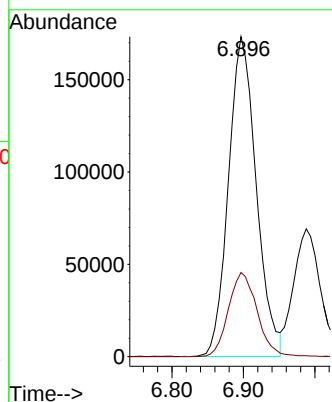
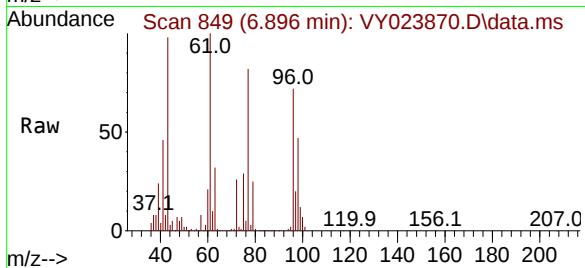
VSTDICCC050

Tgt Ion: 43 Resp: 468169

Ion Ratio Lower Upper

43 100

72 26.3 21.0 31.6



#26

2,2-Dichloropropane

Concen: 52.249 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY023870.D

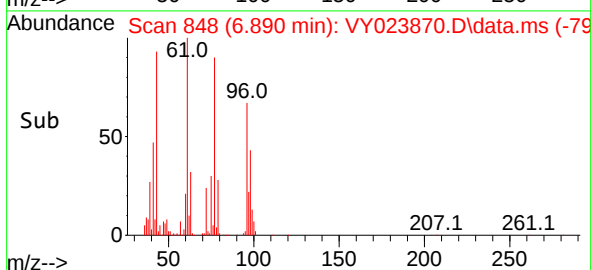
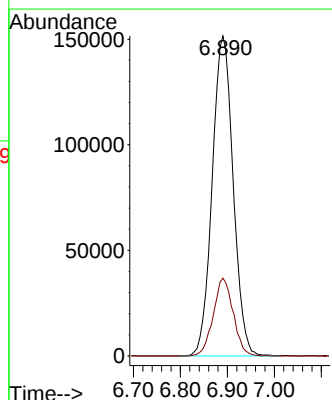
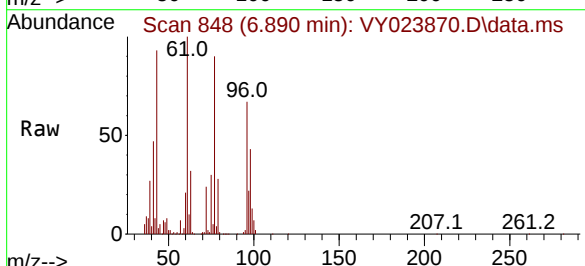
Acq: 03 Dec 2025 14:50

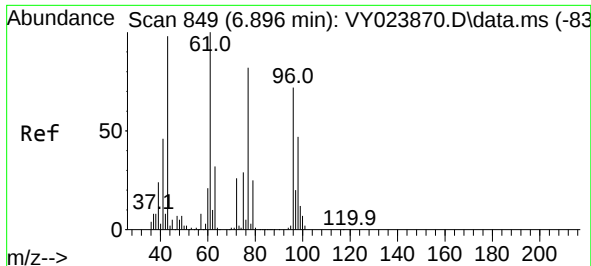
Tgt Ion: 77 Resp: 469449

Ion Ratio Lower Upper

77 100

97 23.2 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 54.866 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY023870.D

Acq: 03 Dec 2025 14:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

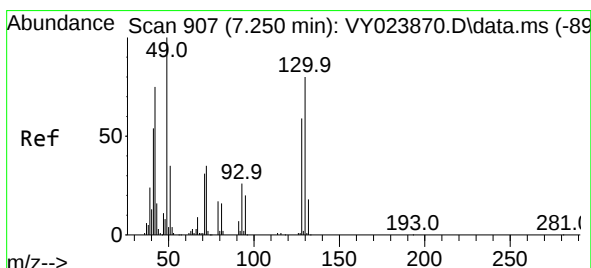
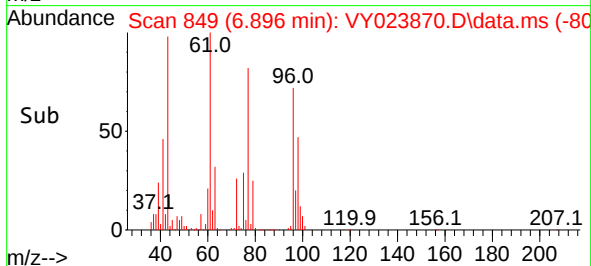
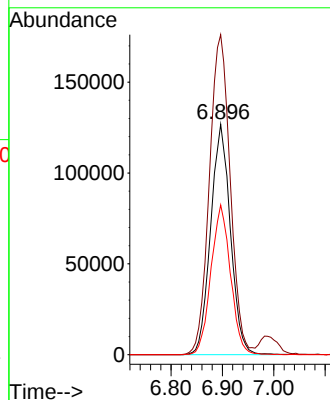
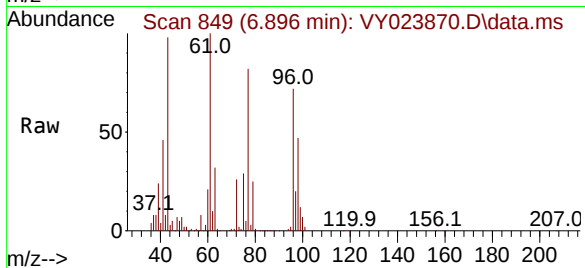
Tgt Ion: 96 Resp: 338779

Ion Ratio Lower Upper

96 100

61 146.4 0.0 292.8

98 64.2 0.0 128.4



#28

Bromochloromethane

Concen: 58.910 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY023870.D

Acq: 03 Dec 2025 14:50

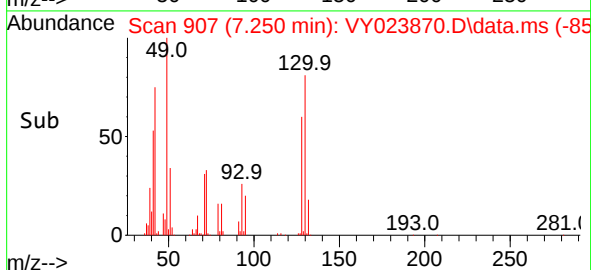
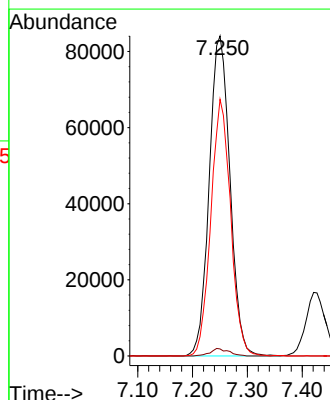
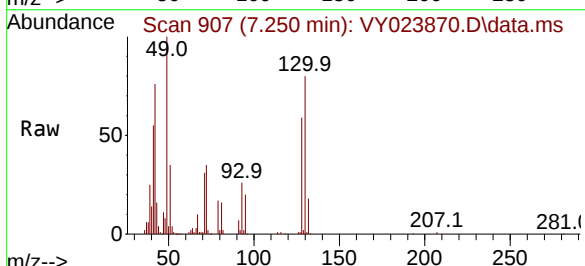
Tgt Ion: 49 Resp: 220658

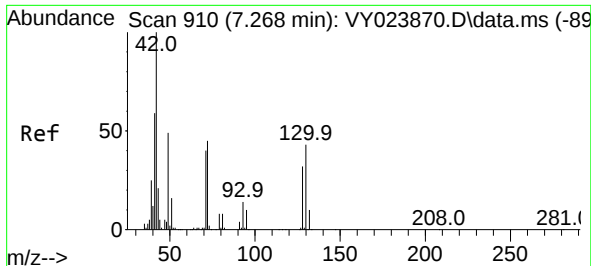
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

130 76.3 61.0 91.6





#29

Tetrahydrofuran

Concen: 282.949 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.000 min

Lab File: VY023870.D

Acq: 03 Dec 2025 14:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

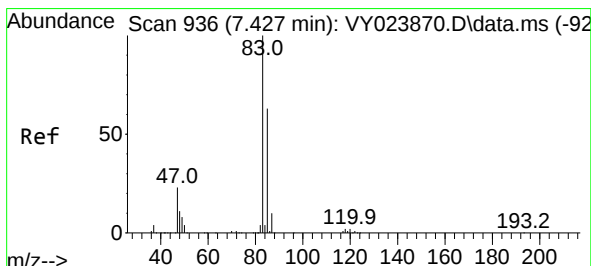
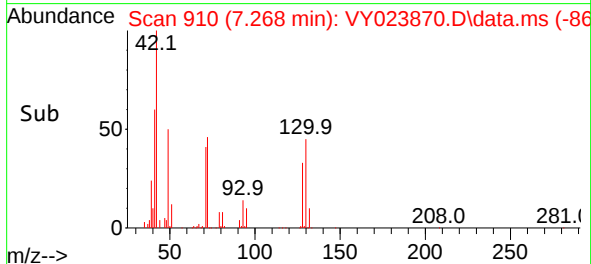
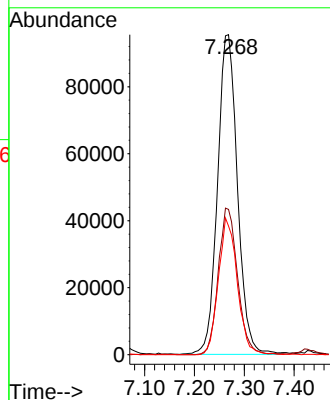
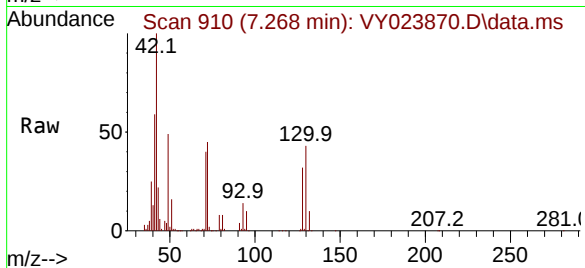
Tgt Ion: 42 Resp: 264550

Ion Ratio Lower Upper

42 100

72 44.5 35.6 53.4

71 40.6 32.5 48.7



#30

Chloroform

Concen: 53.567 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.000 min

Lab File: VY023870.D

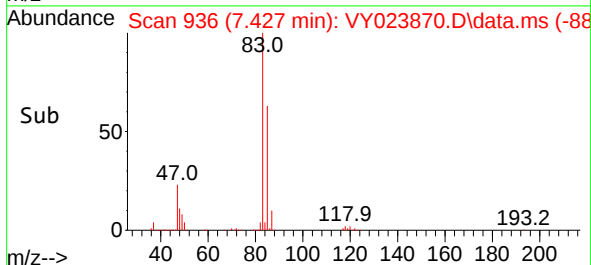
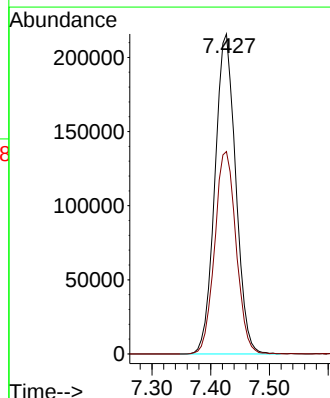
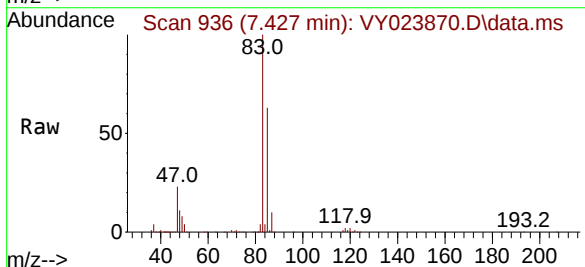
Acq: 03 Dec 2025 14:50

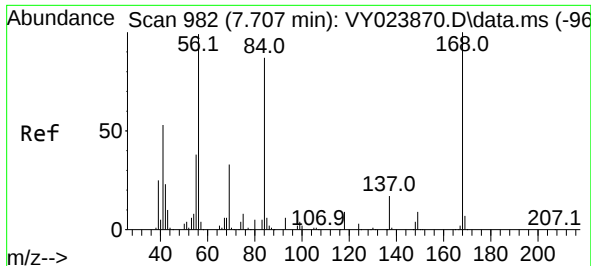
Tgt Ion: 83 Resp: 530633

Ion Ratio Lower Upper

83 100

85 63.3 50.6 76.0

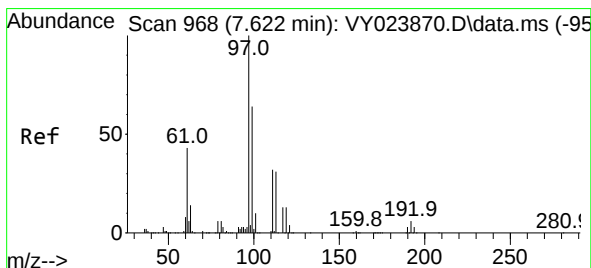
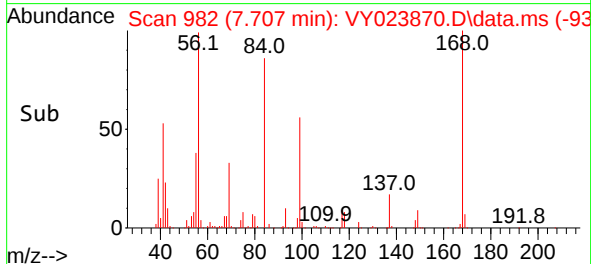
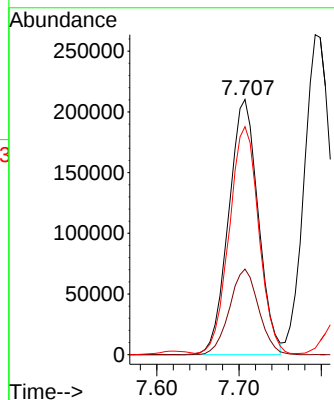
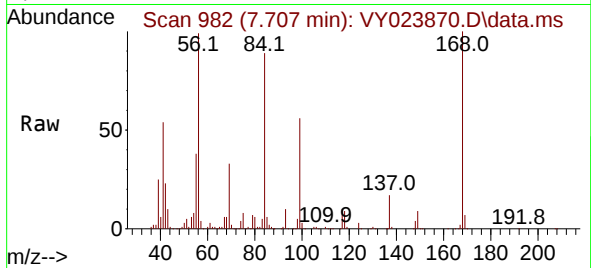




#31
Cyclohexane
Concen: 56.135 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY023870.D
Acq: 03 Dec 2025 14:50

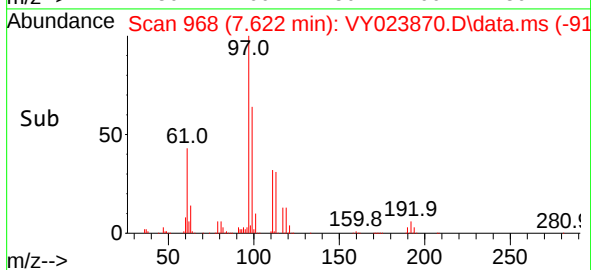
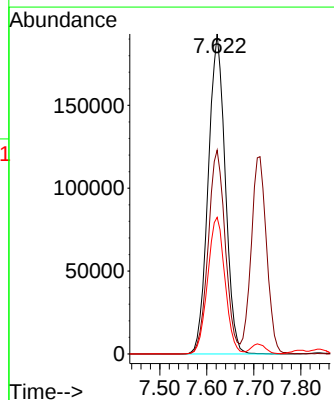
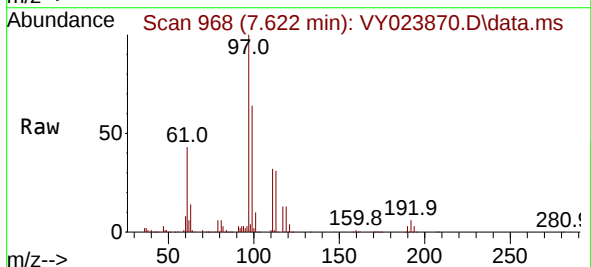
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

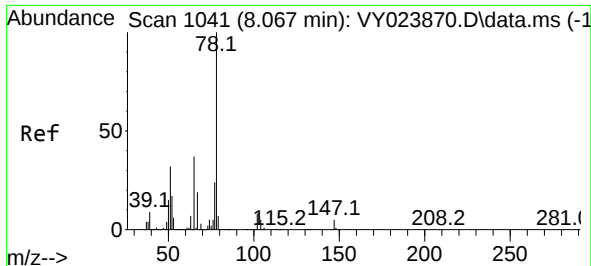
Tgt Ion: 56 Resp: 526142
Ion Ratio Lower Upper
56 100
69 33.5 26.8 40.2
84 88.0 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 54.165 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY023870.D
Acq: 03 Dec 2025 14:50

Tgt Ion: 97 Resp: 484349
Ion Ratio Lower Upper
97 100
99 64.0 51.2 76.8
61 43.6 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 48.539 ug/l

RT: 8.067 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023870.D

Acq: 03 Dec 2025 14:50

Instrument :

MSVOA_Y

ClientSampleId :

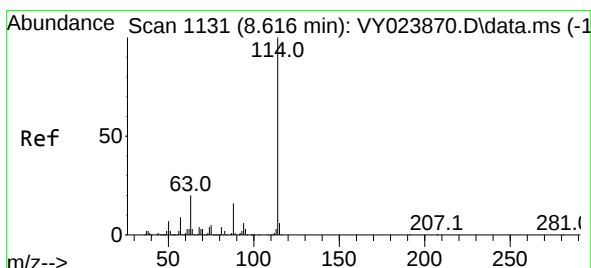
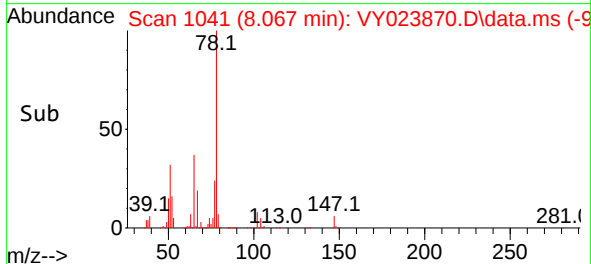
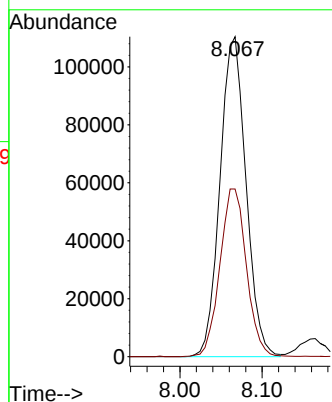
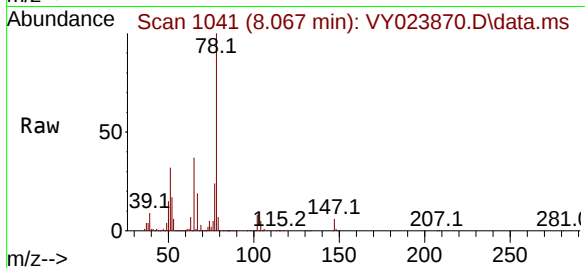
VSTDICCC050

Tgt Ion: 65 Resp: 242926

Ion Ratio Lower Upper

65 100

67 53.6 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: VY023870.D

Acq: 03 Dec 2025 14:50

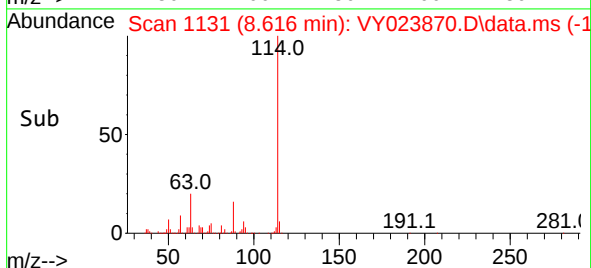
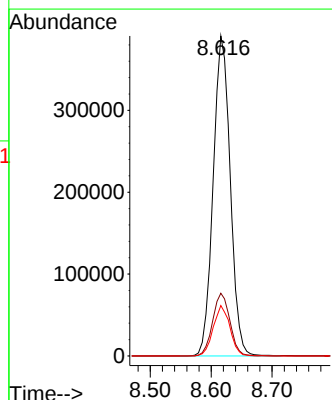
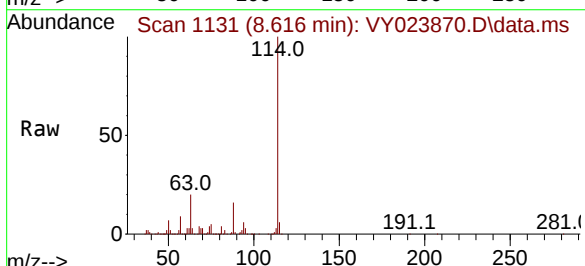
Tgt Ion: 114 Resp: 761100

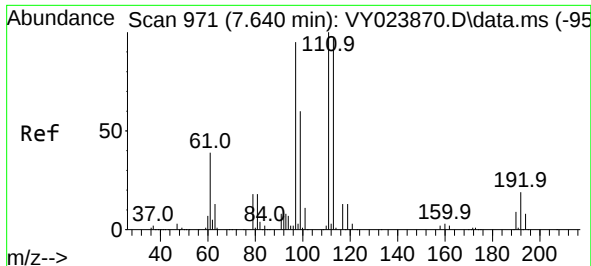
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.2

88 15.7 0.0 31.4

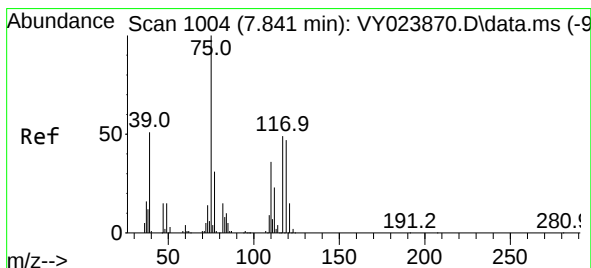
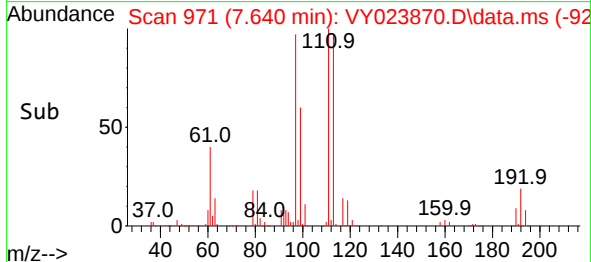
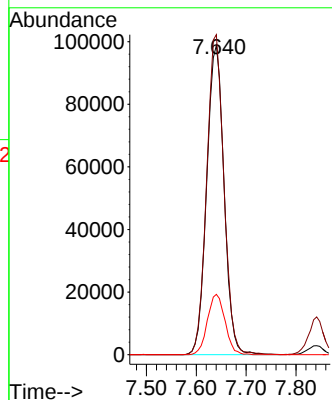
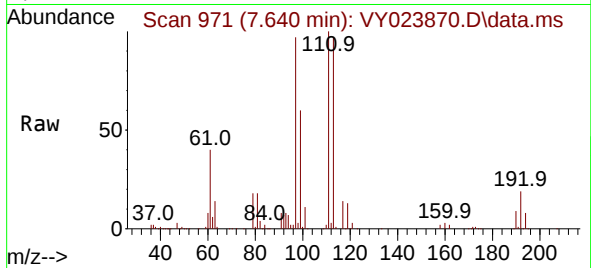




#35
Dibromofluoromethane
Concen: 48.898 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.000 min
Lab File: VY023870.D
Acq: 03 Dec 2025 14:50

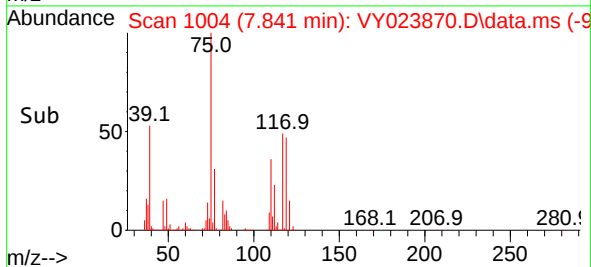
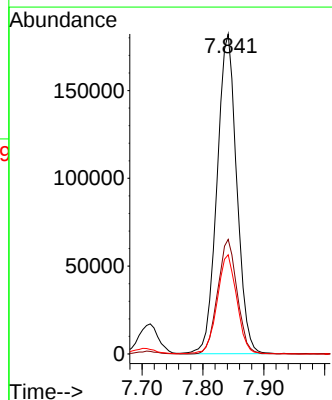
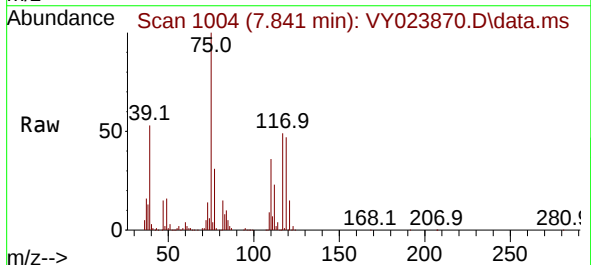
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

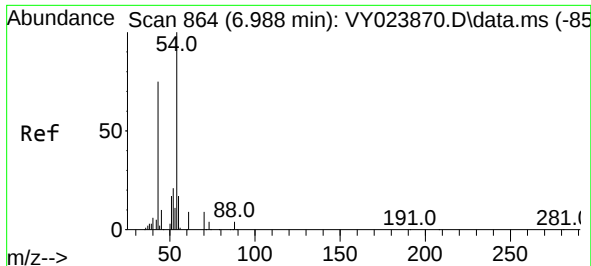
Tgt Ion:113 Resp: 238696
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 19.8 15.8 23.8



#36
1,1-Dichloropropene
Concen: 56.873 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY023870.D
Acq: 03 Dec 2025 14:50

Tgt Ion: 75 Resp: 409369
Ion Ratio Lower Upper
75 100
110 35.3 17.6 52.9
77 30.8 24.6 37.0





#37

Ethyl Acetate

Concen: 55.969 ug/l

RT: 6.988 min Scan# 864

Delta R.T. 0.000 min

Lab File: VY023870.D

Acq: 03 Dec 2025 14:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

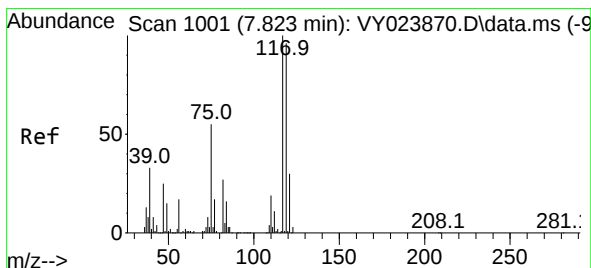
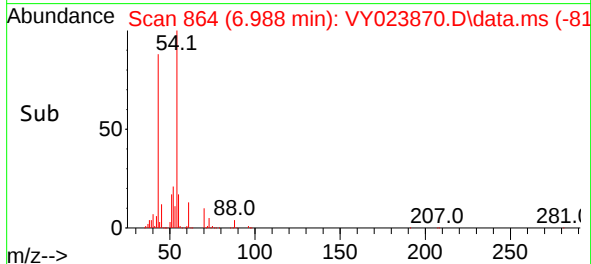
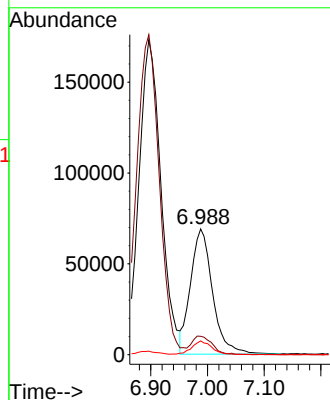
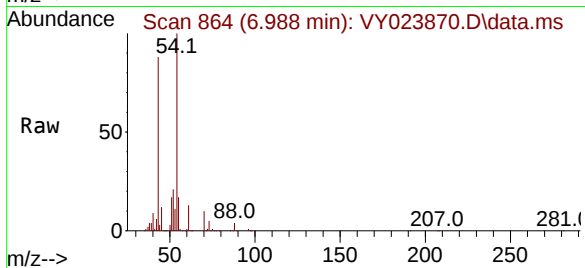
Tgt Ion: 43 Resp: 186029

Ion Ratio Lower Upper

43 100

61 13.7 11.0 16.4

70 10.1 8.1 12.1



#38

Carbon Tetrachloride

Concen: 55.315 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VY023870.D

Acq: 03 Dec 2025 14:50

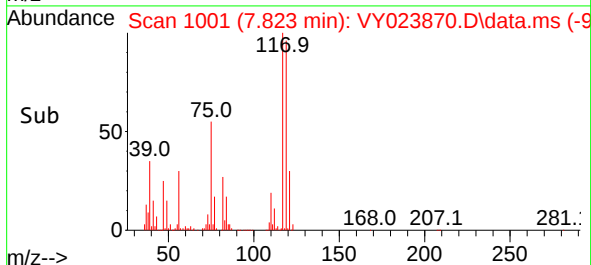
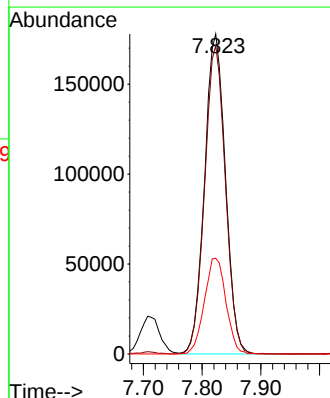
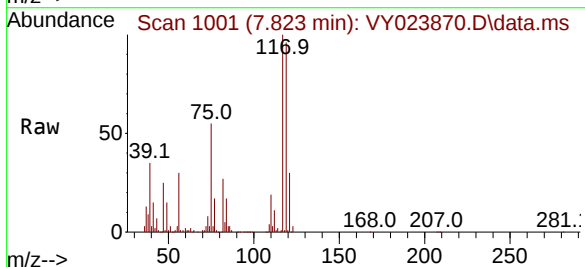
Tgt Ion: 117 Resp: 439435

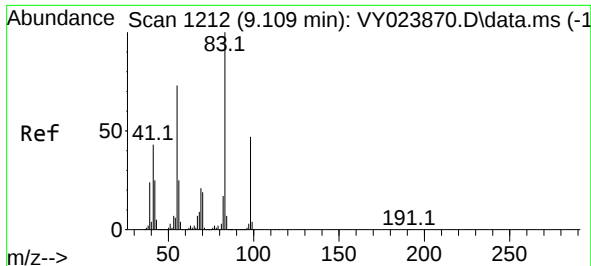
Ion Ratio Lower Upper

117 100

119 96.3 77.0 115.6

121 29.9 23.9 35.9





#39

Methylcyclohexane

Concen: 59.738 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023870.D

Acq: 03 Dec 2025 14:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

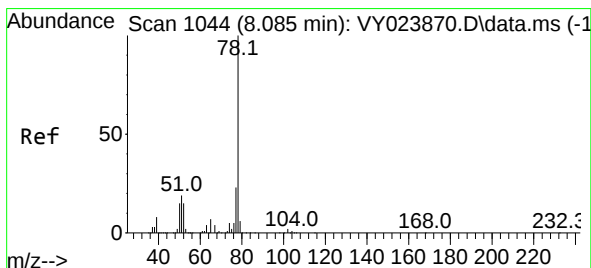
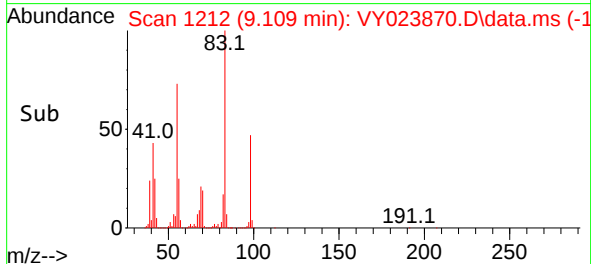
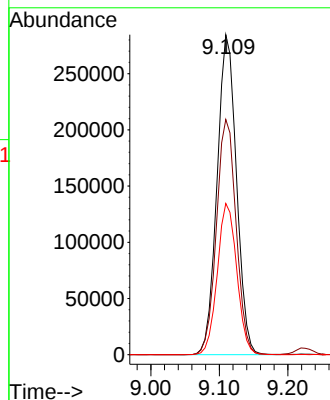
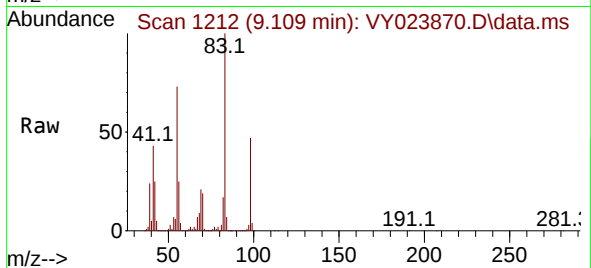
Tgt Ion: 83 Resp: 559705

Ion Ratio Lower Upper

83 100

55 73.5 58.8 88.2

98 47.2 37.8 56.6



#40

Benzene

Concen: 56.182 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VY023870.D

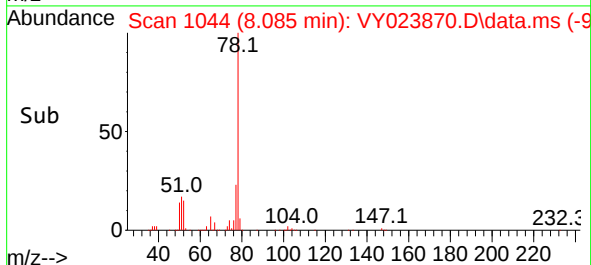
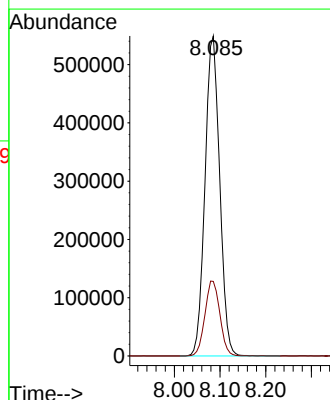
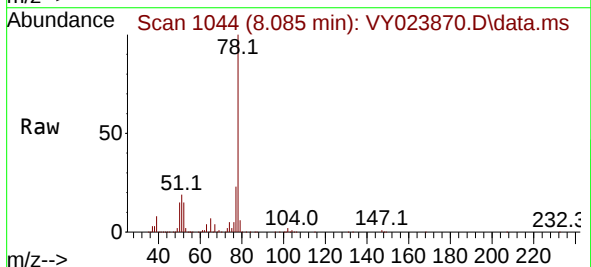
Acq: 03 Dec 2025 14:50

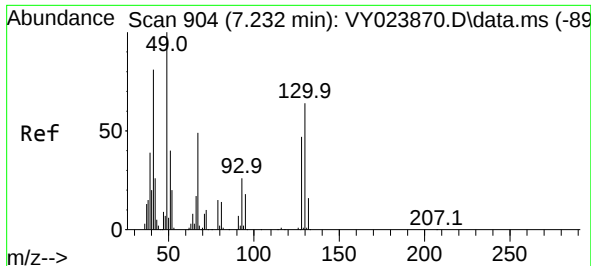
Tgt Ion: 78 Resp: 1222341

Ion Ratio Lower Upper

78 100

77 23.3 18.6 28.0

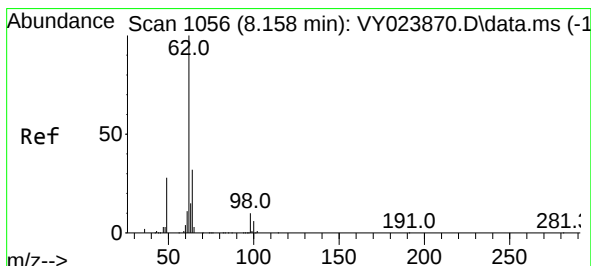
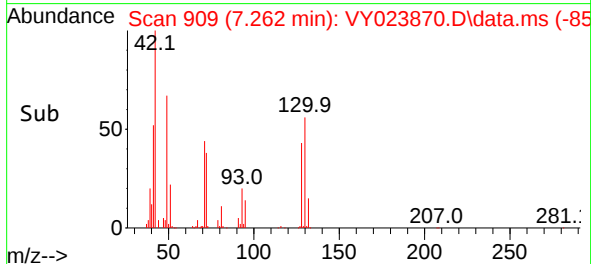
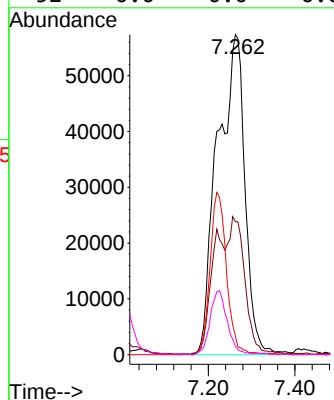
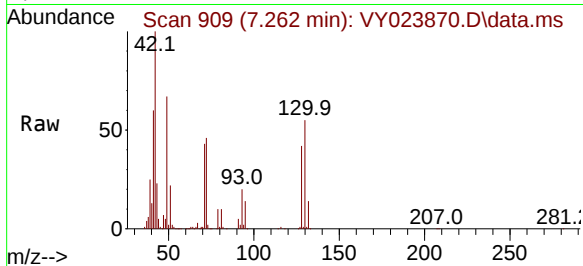




#41
Methacrylonitrile
Concen: 146.769 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.030 min
Lab File: VY023870.D
Acq: 03 Dec 2025 14:50

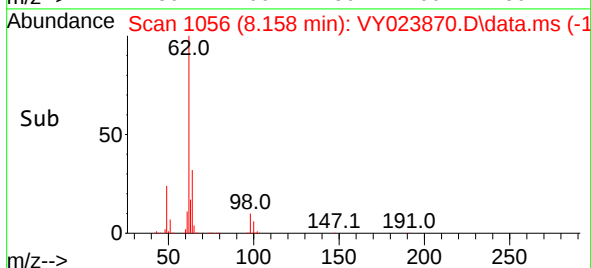
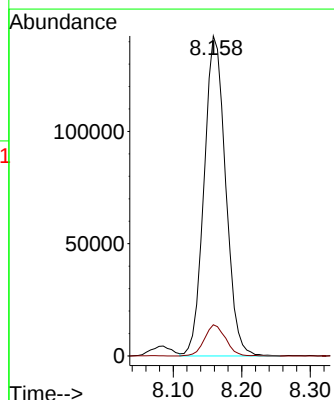
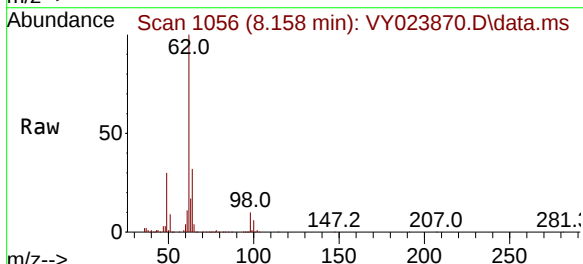
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

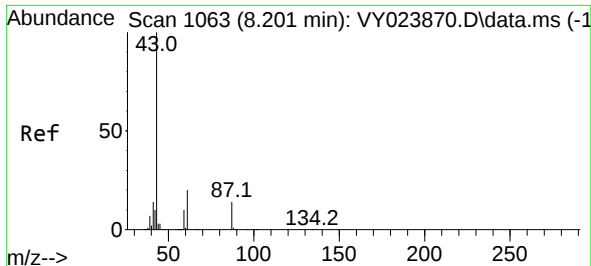
Tgt Ion: 41 Resp: 251519
Ion Ratio Lower Upper
41 100
39 23.9 49.4 74.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 54.932 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY023870.D
Acq: 03 Dec 2025 14:50

Tgt Ion: 62 Resp: 311867
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.2

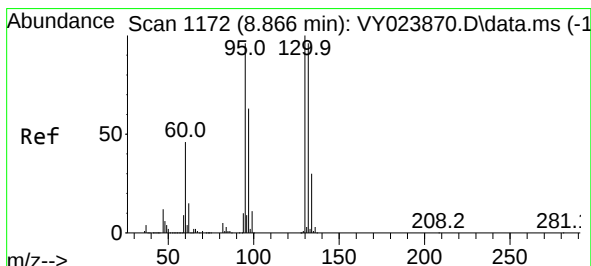
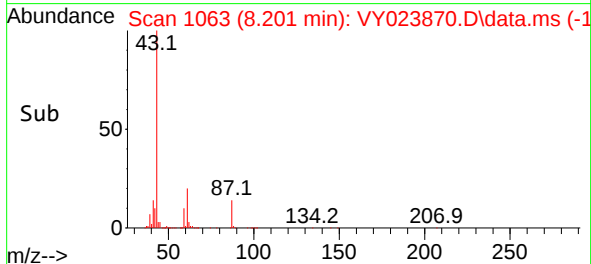
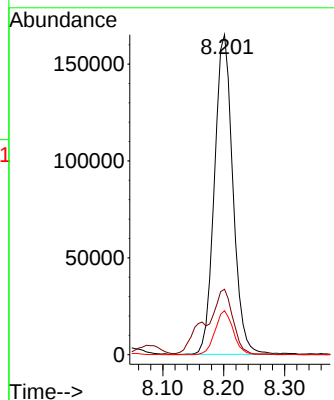
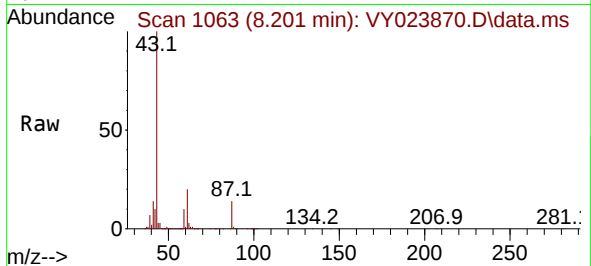




#43
Isopropyl Acetate
Concen: 55.799 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VY023870.D
Acq: 03 Dec 2025 14:50

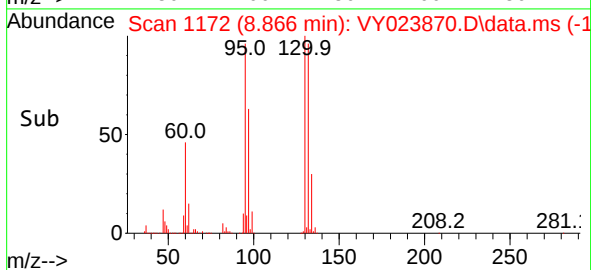
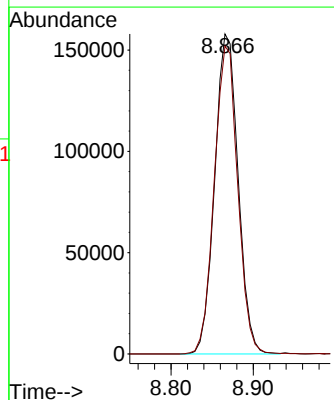
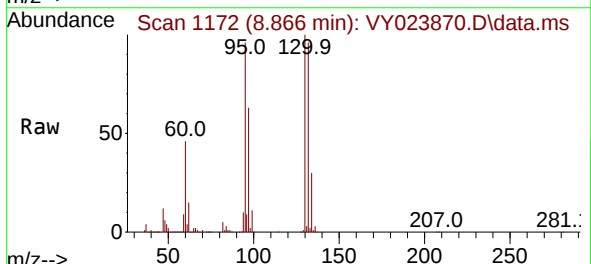
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

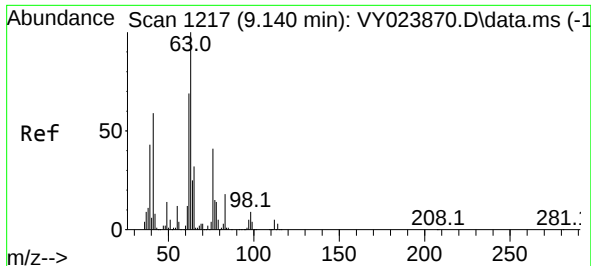
Tgt Ion: 43 Resp: 347002
Ion Ratio Lower Upper
43 100
61 30.3 24.2 36.4
87 13.7 11.0 16.4



#44
Trichloroethene
Concen: 55.824 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY023870.D
Acq: 03 Dec 2025 14:50

Tgt Ion:130 Resp: 312511
Ion Ratio Lower Upper
130 100
95 96.2 0.0 192.4





#45

1,2-Dichloropropane

Concen: 55.181 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023870.D

Acq: 03 Dec 2025 14:50

Instrument :

MSVOA_Y

ClientSampleId :

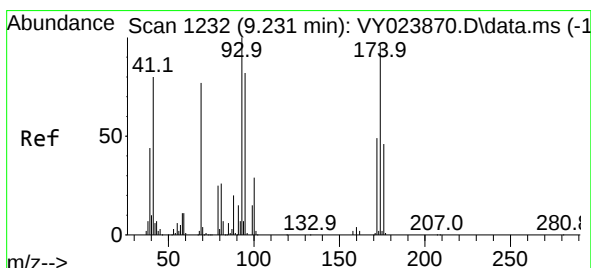
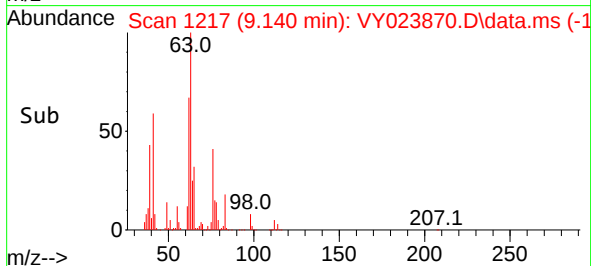
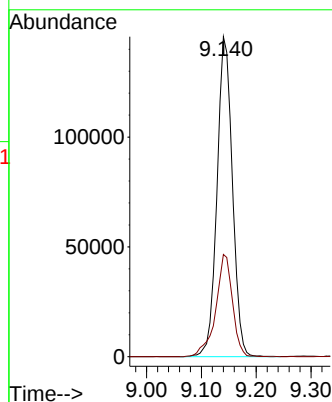
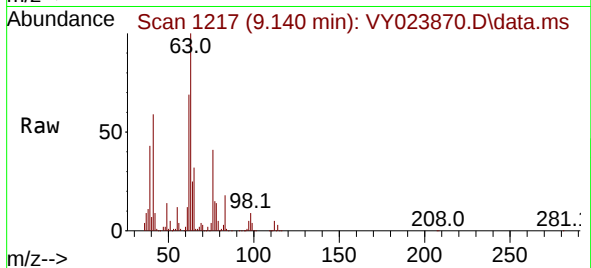
VSTDICCC050

Tgt Ion: 63 Resp: 284261

Ion Ratio Lower Upper

63 100

65 32.0 25.6 38.4



#46

Dibromomethane

Concen: 55.152 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY023870.D

Acq: 03 Dec 2025 14:50

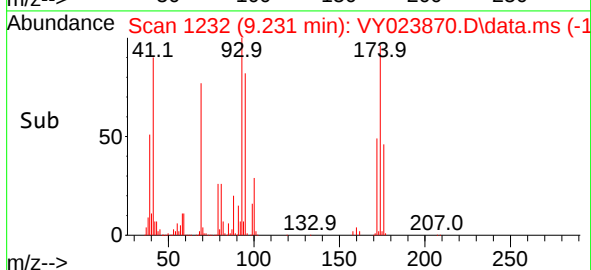
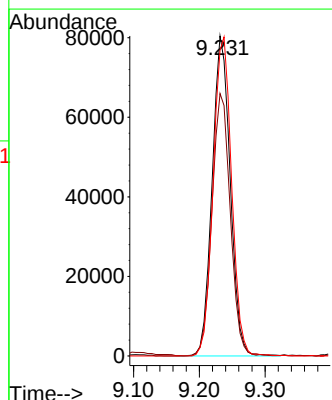
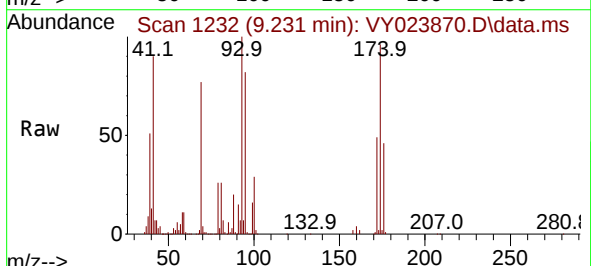
Tgt Ion: 93 Resp: 153815

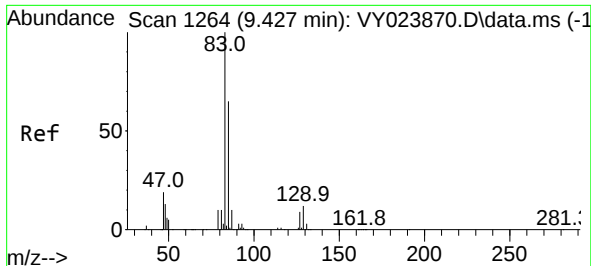
Ion Ratio Lower Upper

93 100

95 83.0 66.4 99.6

174 101.7 81.4 122.0

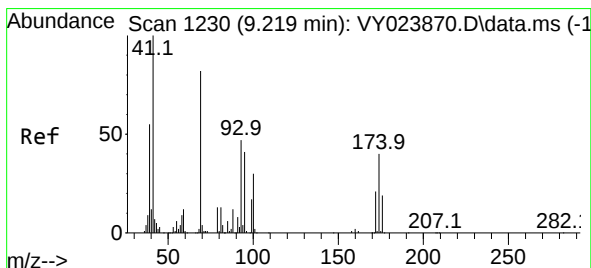
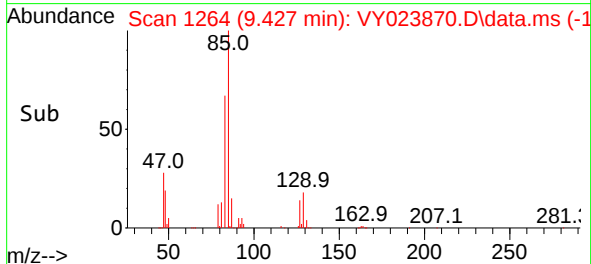
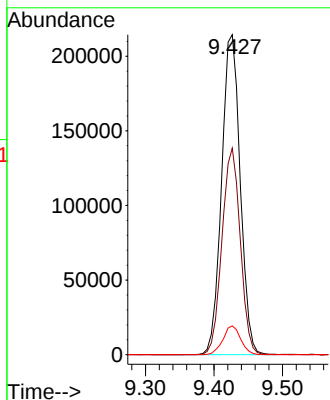
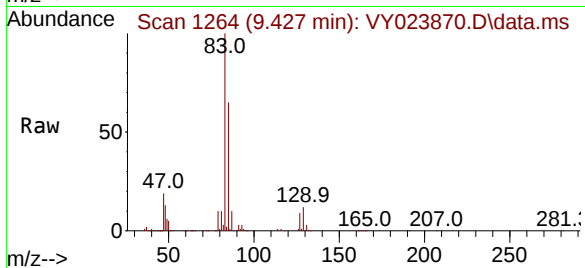




#47
Bromodichloromethane
Concen: 54.802 ug/l
RT: 9.427 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VY023870.D
Acq: 03 Dec 2025 14:50

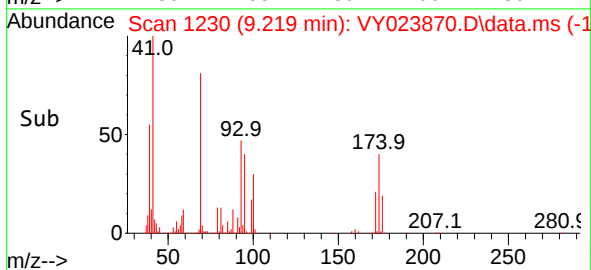
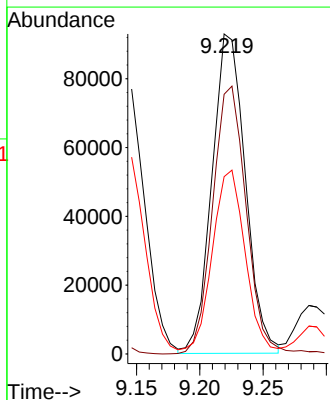
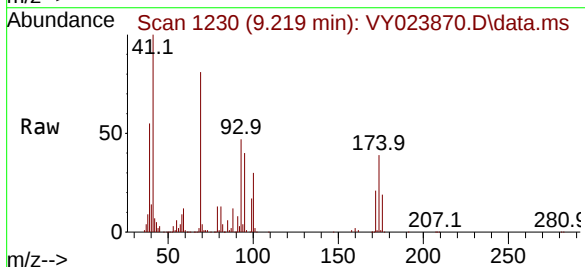
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

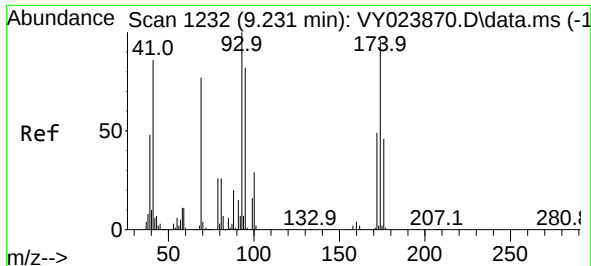
Tgt Ion: 83 Resp: 403233
Ion Ratio Lower Upper
83 100
85 64.5 51.6 77.4
127 9.0 7.2 10.8



#48
Methyl methacrylate
Concen: 58.727 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY023870.D
Acq: 03 Dec 2025 14:50

Tgt Ion: 41 Resp: 170617
Ion Ratio Lower Upper
41 100
69 84.6 67.7 101.5
39 54.2 43.4 65.0





#49

1,4-Dioxane

Concen: 1120.011 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023870.D

Acq: 03 Dec 2025 14:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

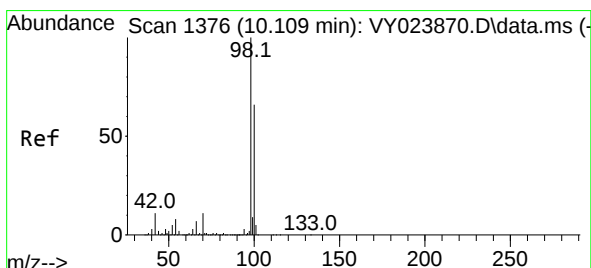
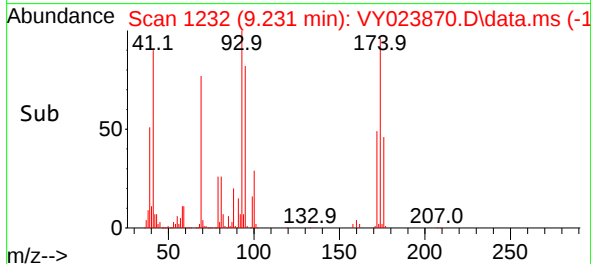
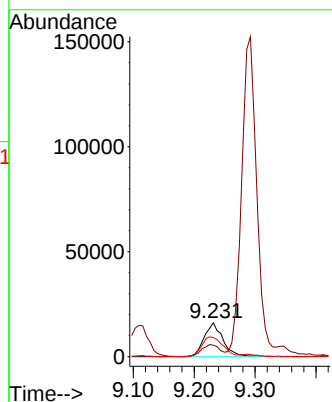
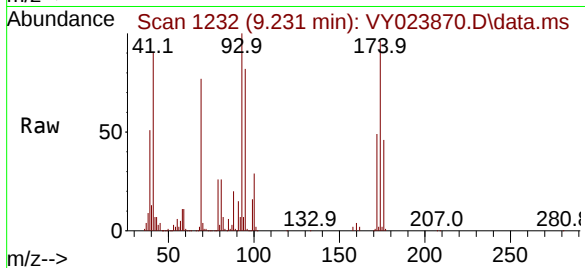
Tgt Ion: 88 Resp: 34732

Ion Ratio Lower Upper

88 100

43 33.5 26.8 40.2

58 65.5 52.4 78.6



#50

Toluene-d8

Concen: 49.185 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY023870.D

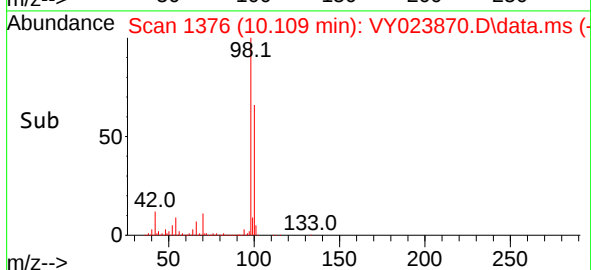
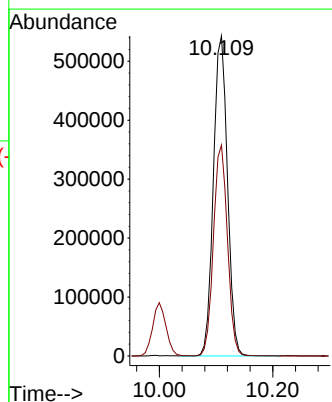
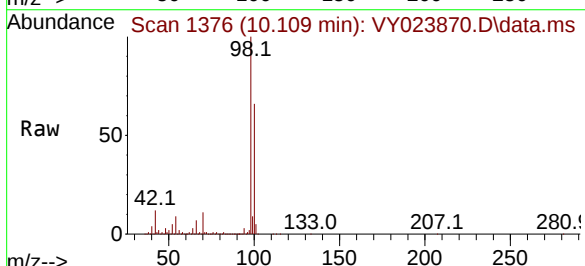
Acq: 03 Dec 2025 14:50

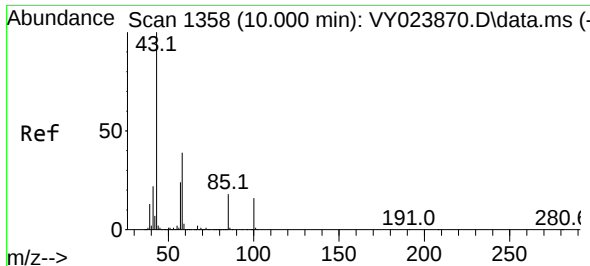
Tgt Ion: 98 Resp: 934302

Ion Ratio Lower Upper

98 100

100 65.6 52.5 78.7

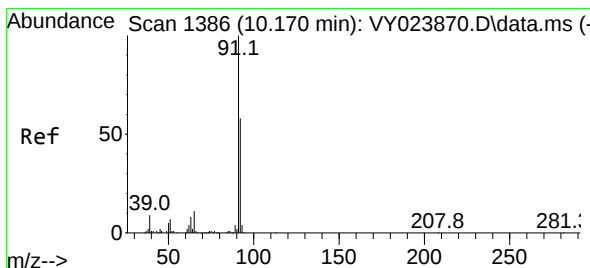
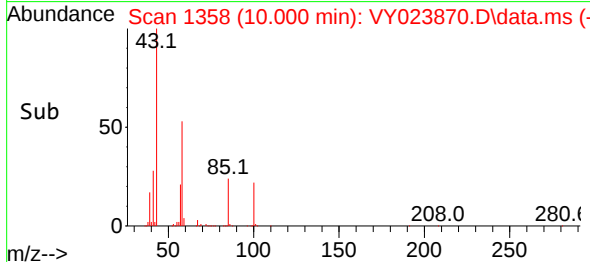
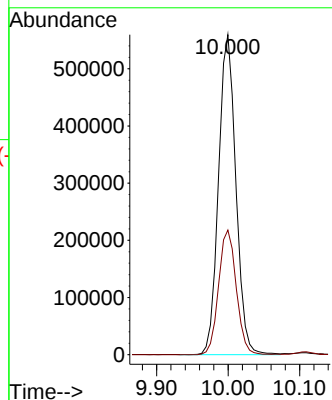
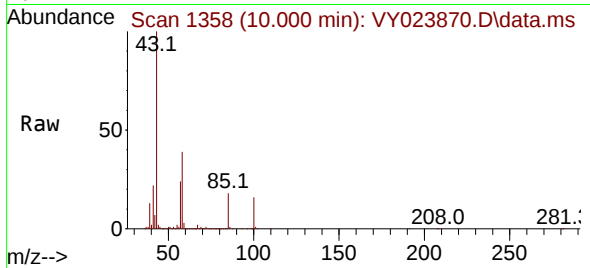




#51
4-Methyl-2-Pentanone
Concen: 288.179 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY023870.D
Acq: 03 Dec 2025 14:50

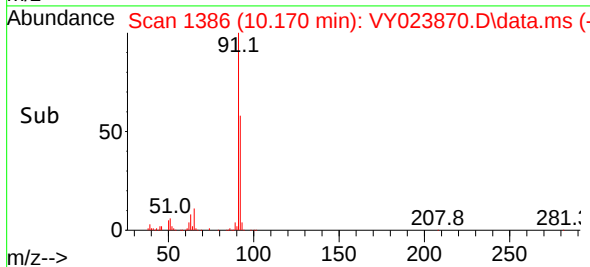
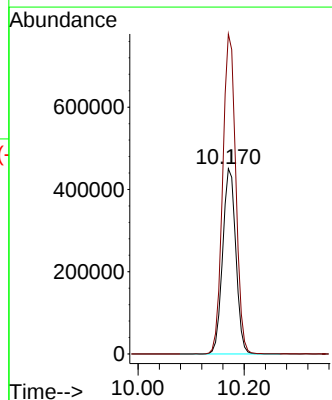
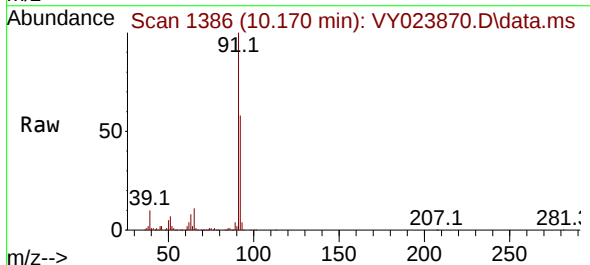
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

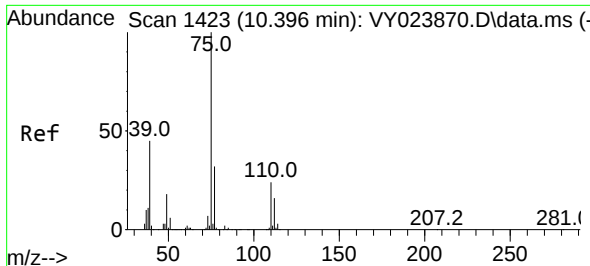
Tgt Ion: 43 Resp: 942369
Ion Ratio Lower Upper
43 100
58 39.8 31.8 47.8



#52
Toluene
Concen: 56.900 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY023870.D
Acq: 03 Dec 2025 14:50

Tgt Ion: 92 Resp: 775238
Ion Ratio Lower Upper
92 100
91 171.6 137.3 205.9

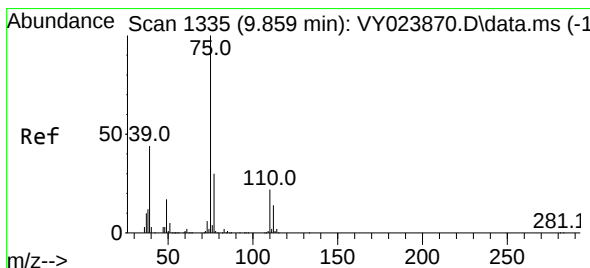
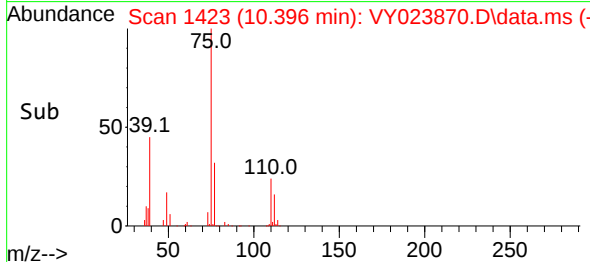
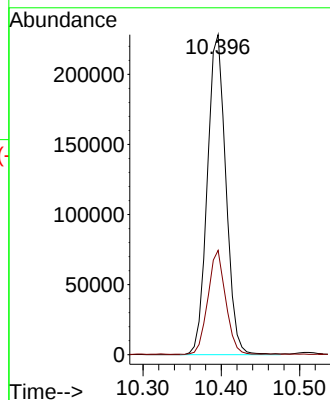
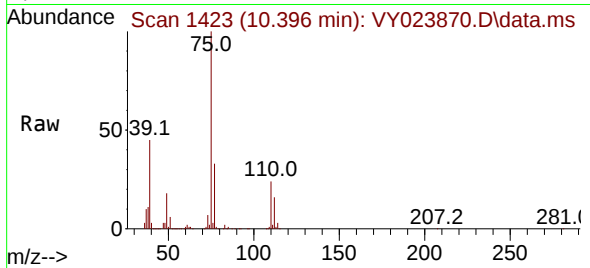




#53
t-1,3-Dichloropropene
Concen: 56.526 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY023870.D
Acq: 03 Dec 2025 14:50

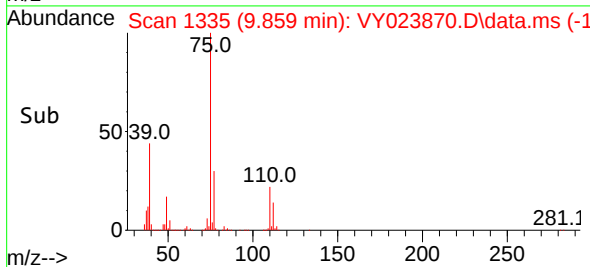
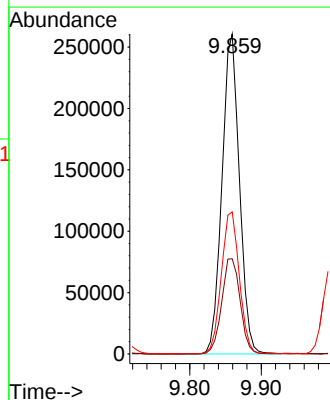
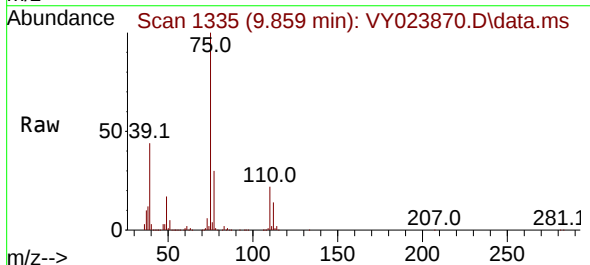
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

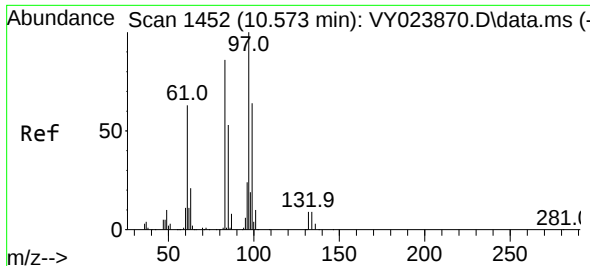
Tgt Ion: 75 Resp: 375381
Ion Ratio Lower Upper
75 100
77 32.5 26.0 39.0



#54
cis-1,3-Dichloropropene
Concen: 56.463 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY023870.D
Acq: 03 Dec 2025 14:50

Tgt Ion: 75 Resp: 441548
Ion Ratio Lower Upper
75 100
77 29.7 23.8 35.6
39 44.4 35.5 53.3



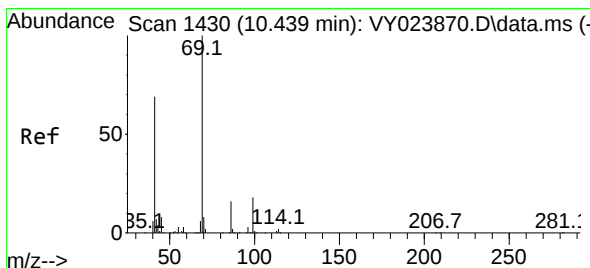
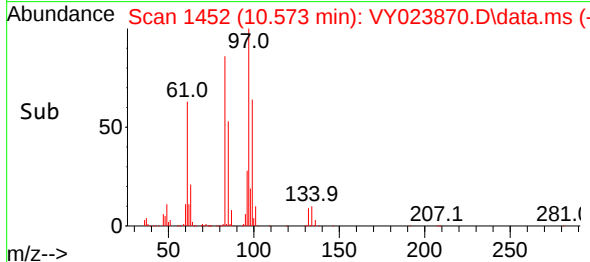
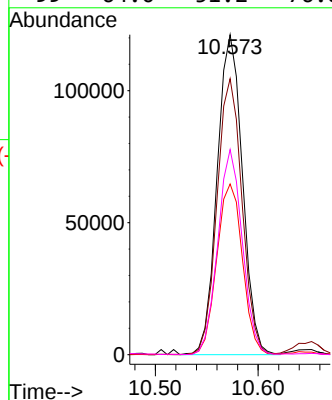
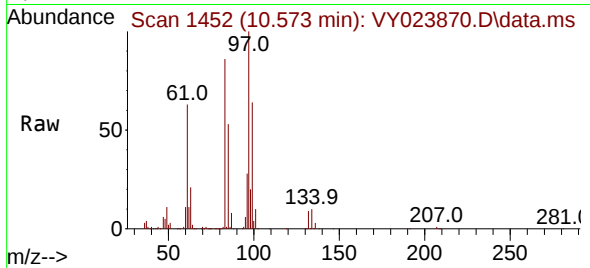


#55
1,1,2-Trichloroethane
Concen: 54.969 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY023870.D
Acq: 03 Dec 2025 14:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 97 Resp: 206945

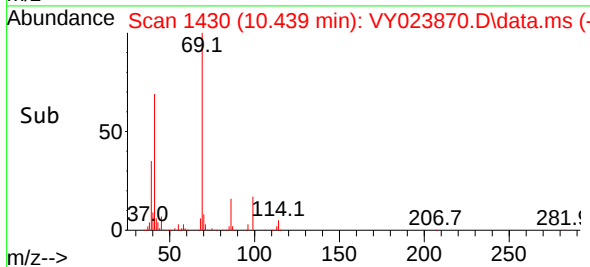
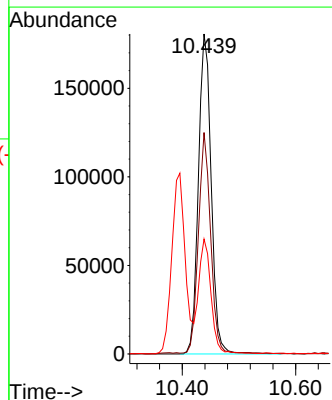
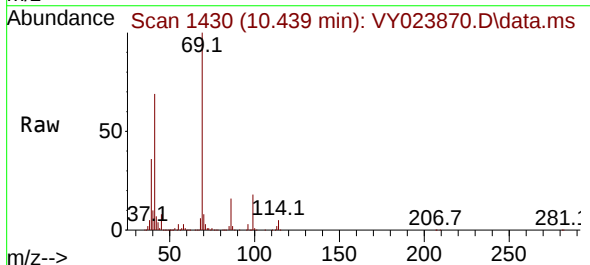
Ion	Ratio	Lower	Upper
97	100		
83	86.2	69.0	103.4
85	53.2	42.6	63.8
99	64.0	51.2	76.8

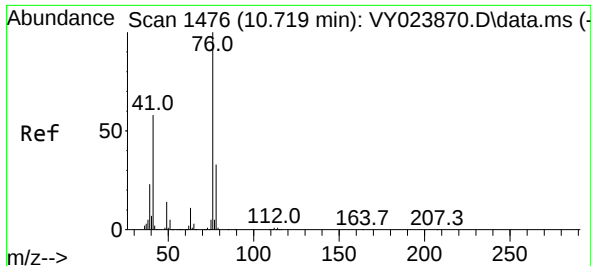


#56
Ethyl methacrylate
Concen: 51.379 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY023870.D
Acq: 03 Dec 2025 14:50

Tgt Ion: 69 Resp: 283075

Ion	Ratio	Lower	Upper
69	100		
41	65.6	52.5	78.7
39	33.9	27.1	40.7





#57

1,3-Dichloropropane

Concen: 55.646 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY023870.D

Acq: 03 Dec 2025 14:50

Instrument :

MSVOA_Y

ClientSampleId :

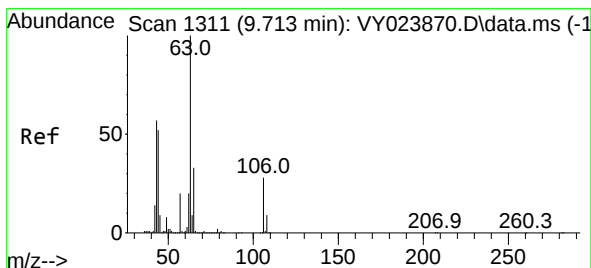
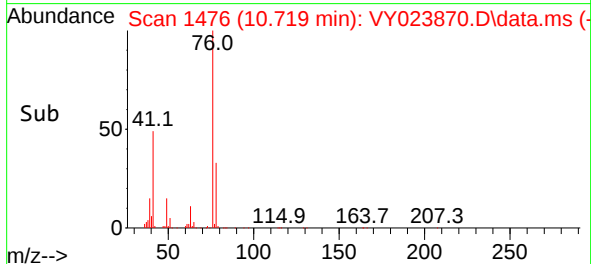
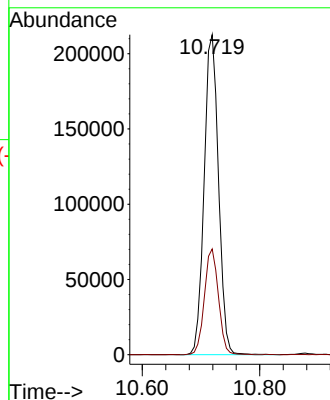
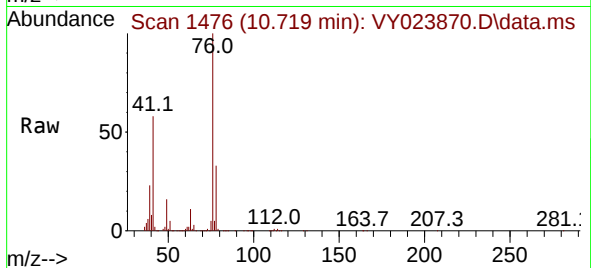
VSTDICCC050

Tgt Ion: 76 Resp: 360829

Ion Ratio Lower Upper

76 100

78 32.4 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 270.791 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY023870.D

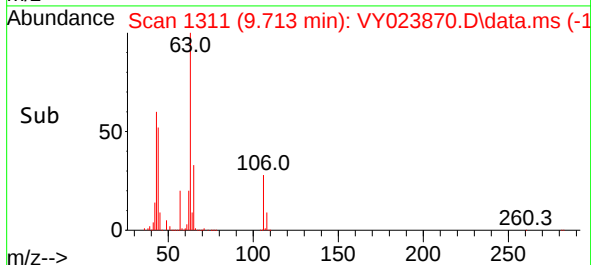
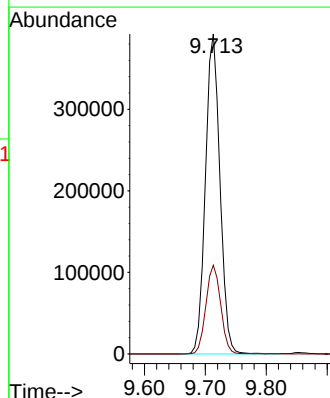
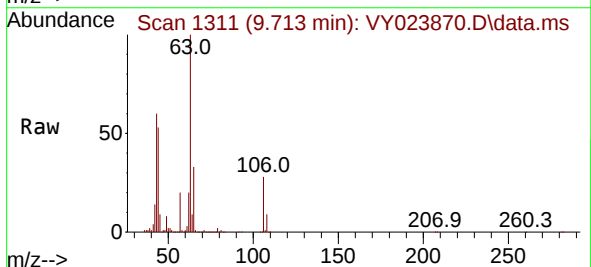
Acq: 03 Dec 2025 14:50

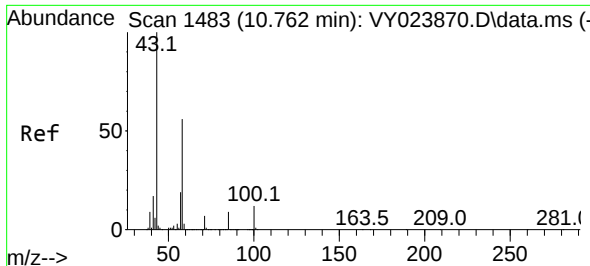
Tgt Ion: 63 Resp: 650281

Ion Ratio Lower Upper

63 100

106 28.1 22.5 33.7

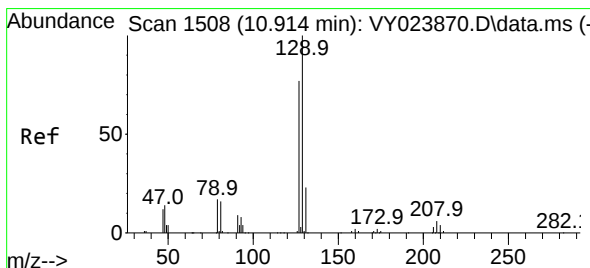
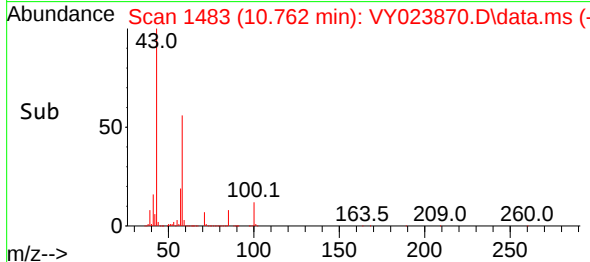
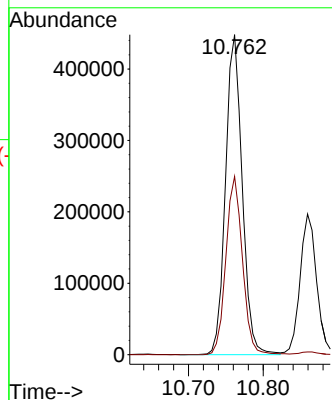
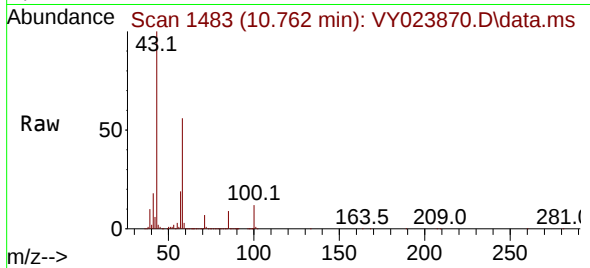




#59
2-Hexanone
Concen: 282.099 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY023870.D
Acq: 03 Dec 2025 14:50

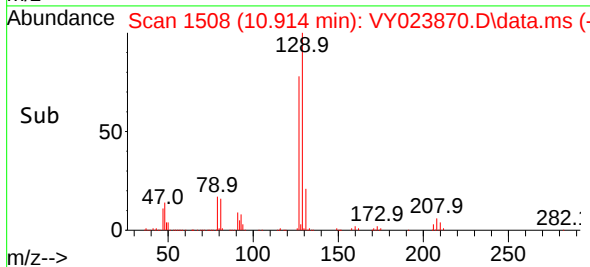
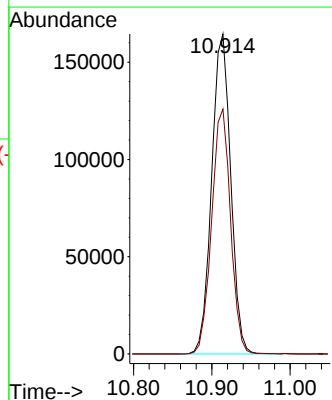
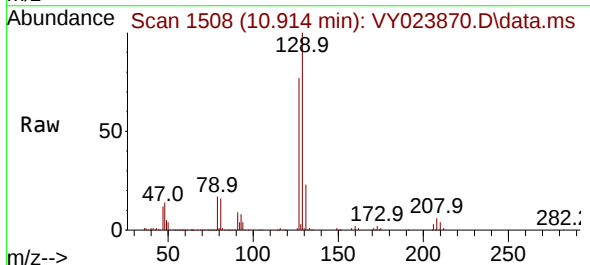
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

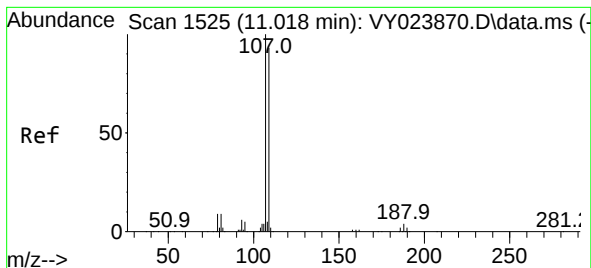
Tgt Ion: 43 Resp: 695740
Ion Ratio Lower Upper
43 100
58 55.4 27.7 83.1



#60
Dibromochloromethane
Concen: 55.000 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY023870.D
Acq: 03 Dec 2025 14:50

Tgt Ion: 129 Resp: 277647
Ion Ratio Lower Upper
129 100
127 76.0 38.0 114.0

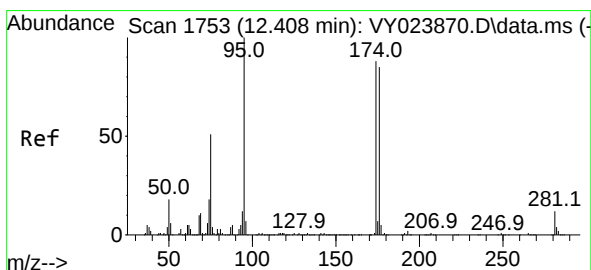
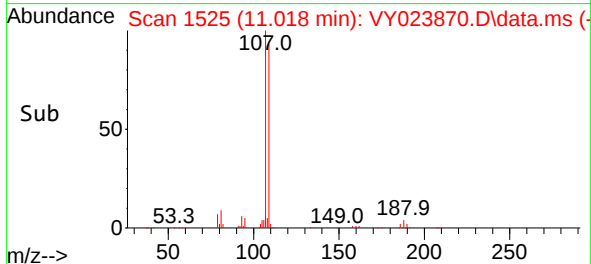
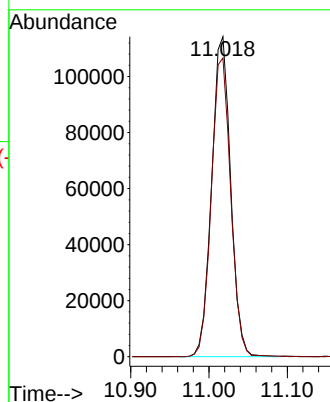
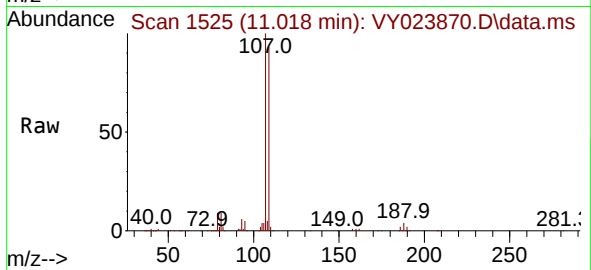




#61
1,2-Dibromoethane
Concen: 56.150 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY023870.D
Acq: 03 Dec 2025 14:50

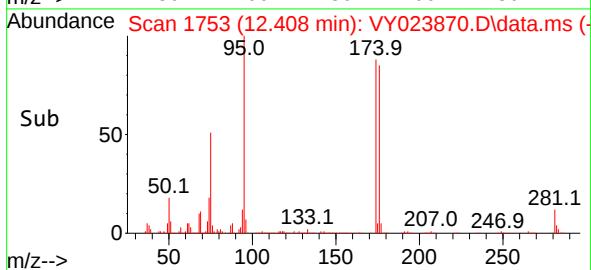
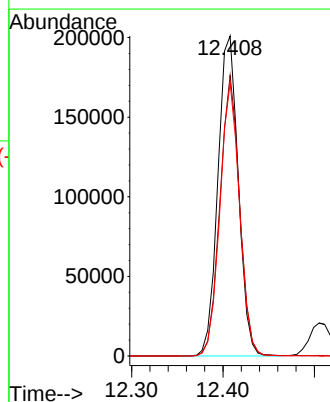
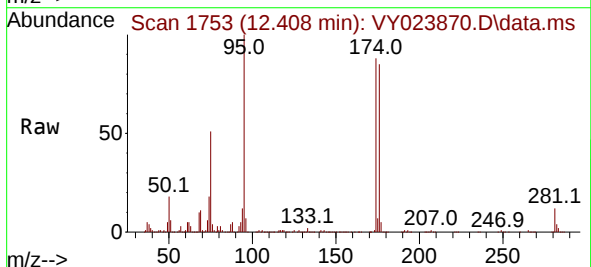
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

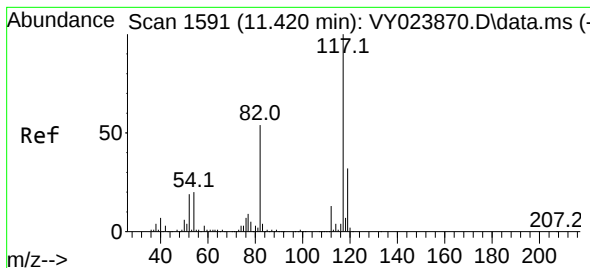
Tgt Ion:107 Resp: 192648
Ion Ratio Lower Upper
107 100
109 95.0 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 48.009 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY023870.D
Acq: 03 Dec 2025 14:50

Tgt Ion: 95 Resp: 311056
Ion Ratio Lower Upper
95 100
174 84.8 0.0 169.6
176 82.2 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: VY023870.D

Acq: 03 Dec 2025 14:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

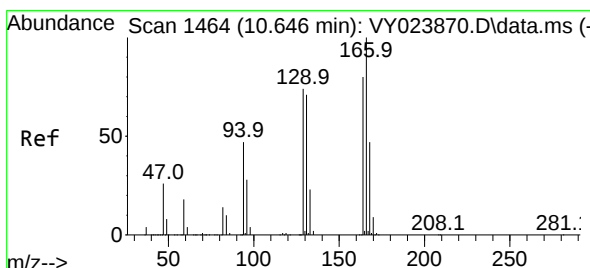
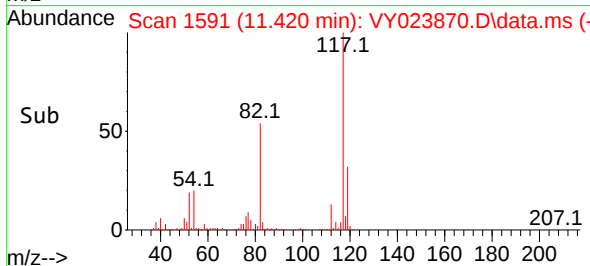
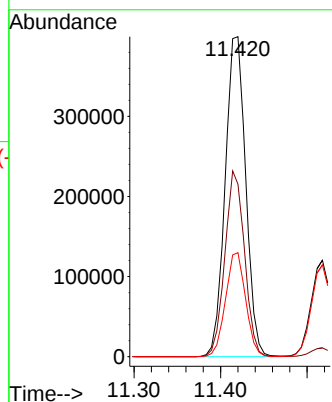
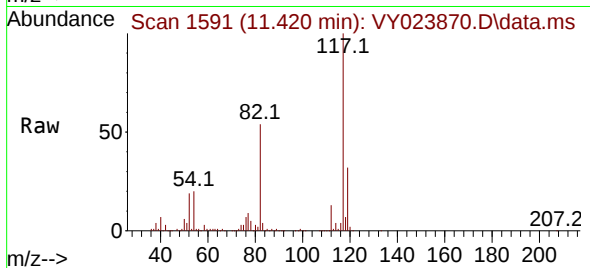
Tgt Ion:117 Resp: 659081

Ion Ratio Lower Upper

117 100

82 53.9 43.1 64.7

119 32.5 26.0 39.0



#64

Tetrachloroethene

Concen: 55.723 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY023870.D

Acq: 03 Dec 2025 14:50

Tgt Ion:164 Resp: 359396

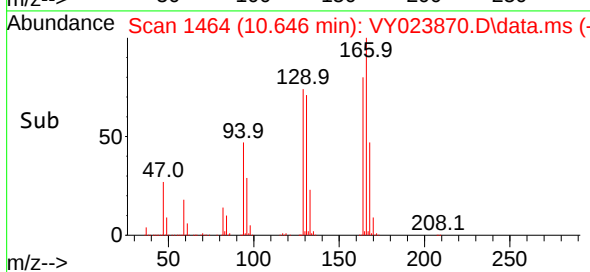
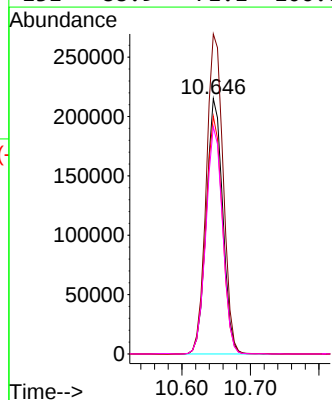
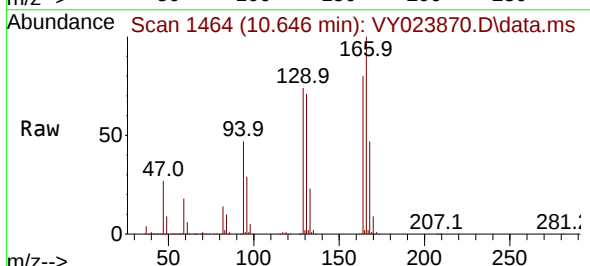
Ion Ratio Lower Upper

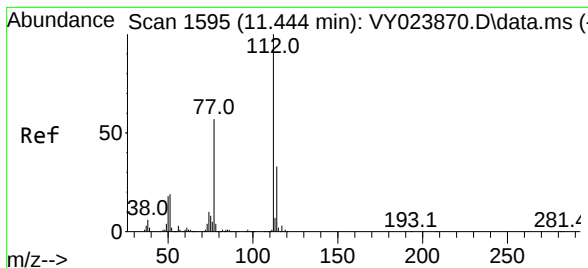
164 100

166 125.3 100.2 150.4

129 93.0 74.4 111.6

131 88.9 71.1 106.7

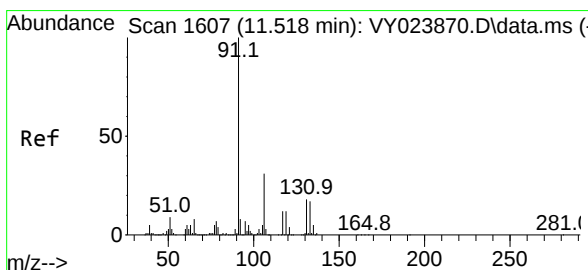
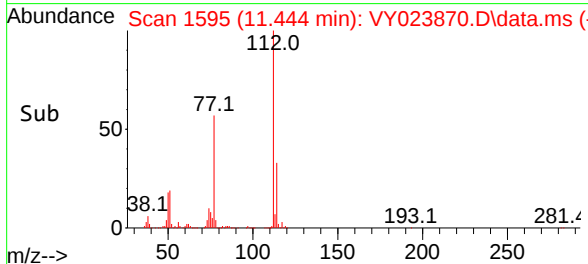
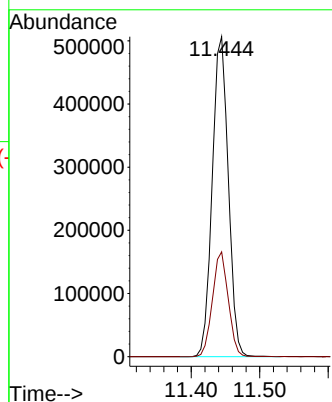
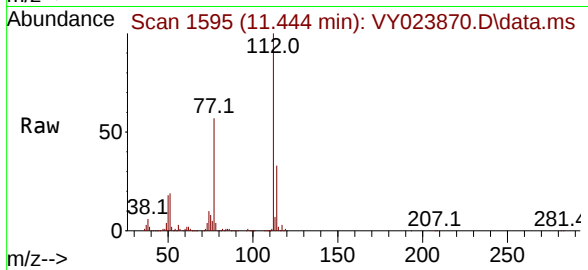




#65
Chlorobenzene
Concen: 54.689 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY023870.D
Acq: 03 Dec 2025 14:50

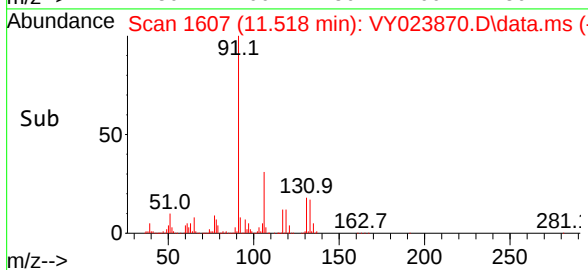
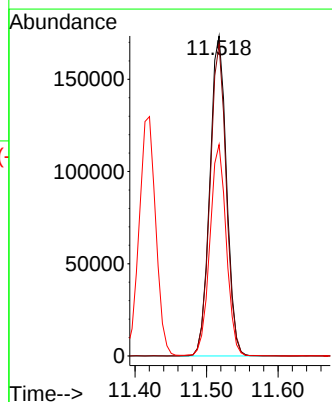
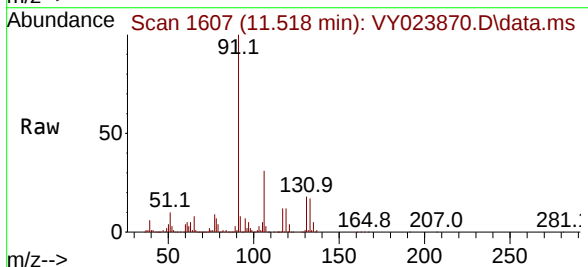
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

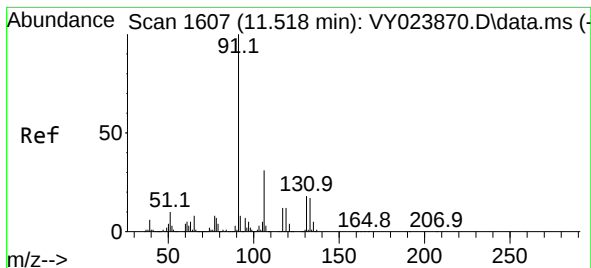
Tgt Ion:112 Resp: 822706
Ion Ratio Lower Upper
112 100
114 32.8 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 54.659 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023870.D
Acq: 03 Dec 2025 14:50

Tgt Ion:131 Resp: 280546
Ion Ratio Lower Upper
131 100
133 95.4 47.7 143.1
119 64.9 32.5 97.4





#67

Ethyl Benzene

Concen: 57.123 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY023870.D

Acq: 03 Dec 2025 14:50

Instrument :

MSVOA_Y

ClientSampleId :

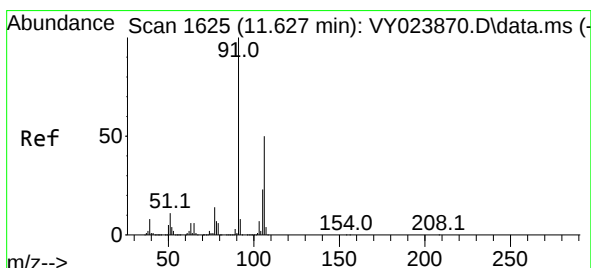
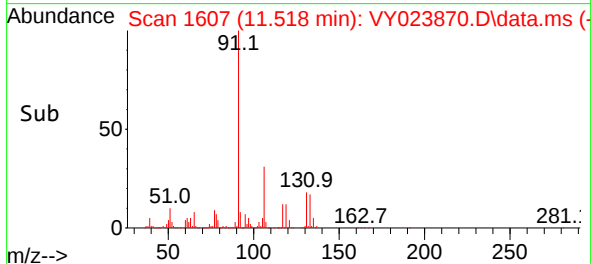
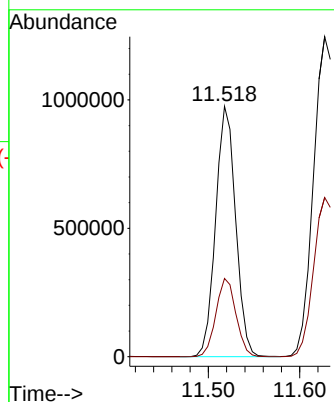
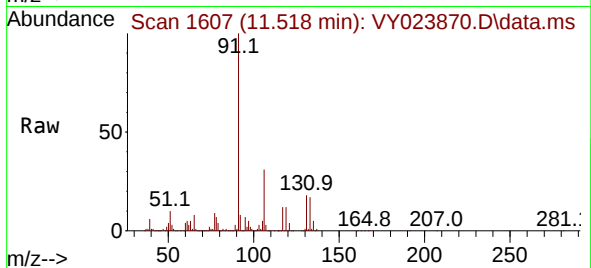
VSTDICCC050

Tgt Ion: 91 Resp: 1485579

Ion Ratio Lower Upper

91 100

106 31.3 25.0 37.6



#68

m/p-Xylenes

Concen: 114.680 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY023870.D

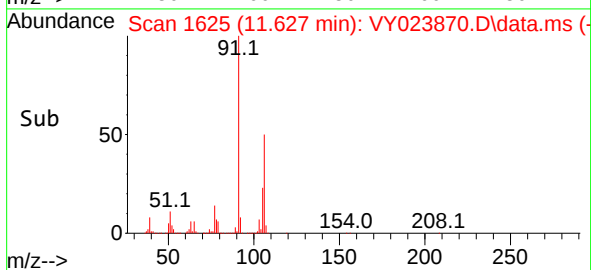
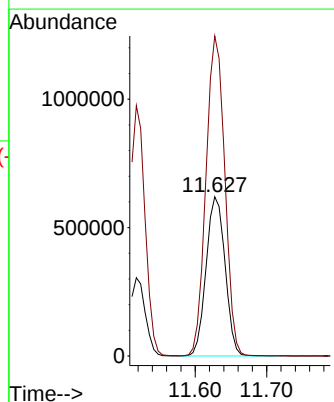
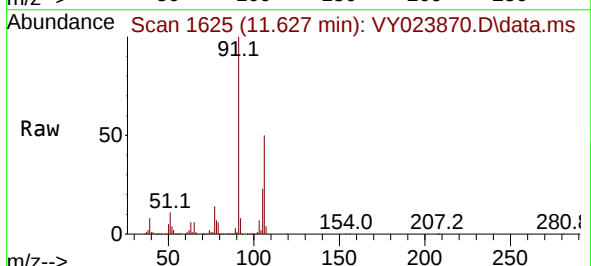
Acq: 03 Dec 2025 14:50

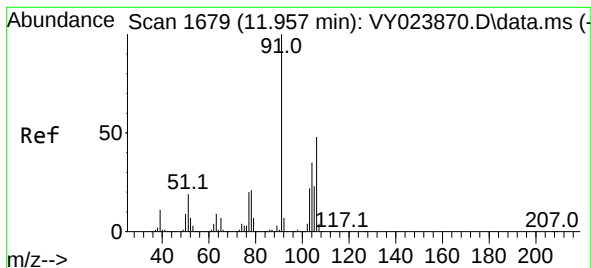
Tgt Ion:106 Resp: 1139947

Ion Ratio Lower Upper

106 100

91 199.6 159.7 239.5

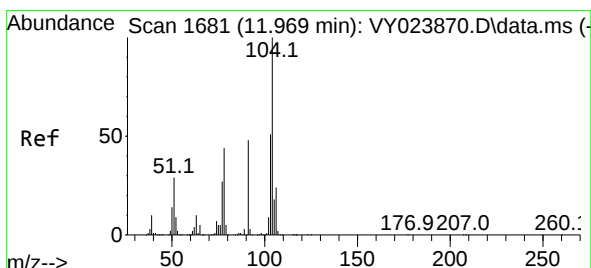
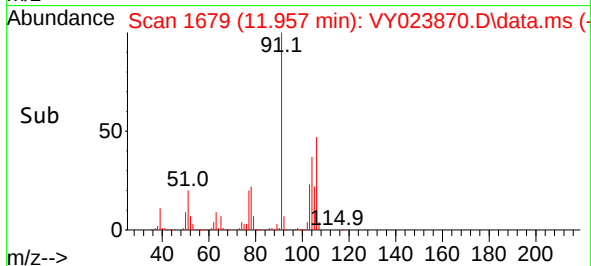
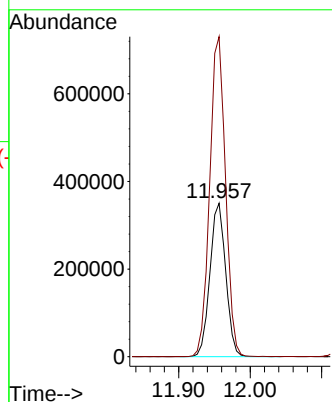
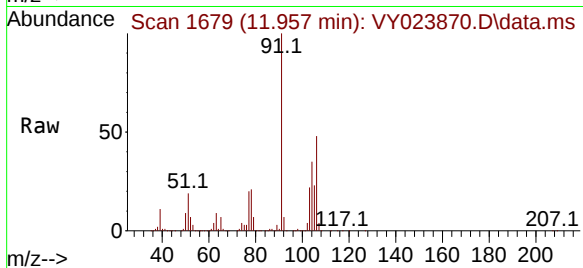




#69
o-Xylene
Concen: 57.706 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY023870.D
Acq: 03 Dec 2025 14:50

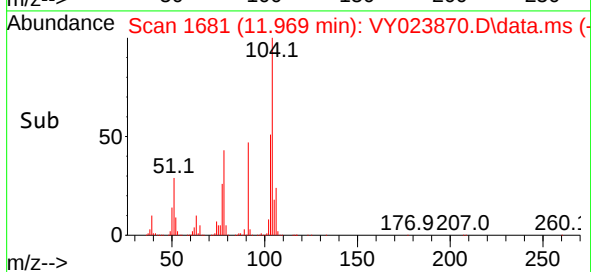
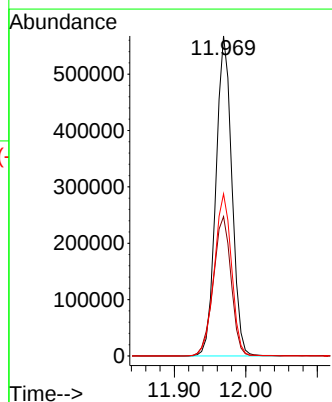
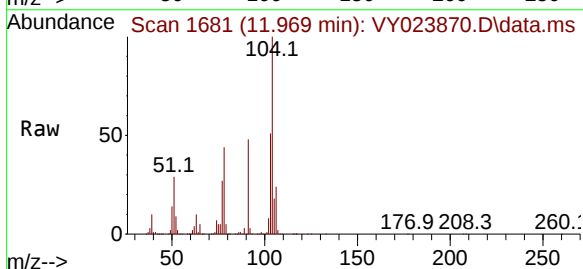
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

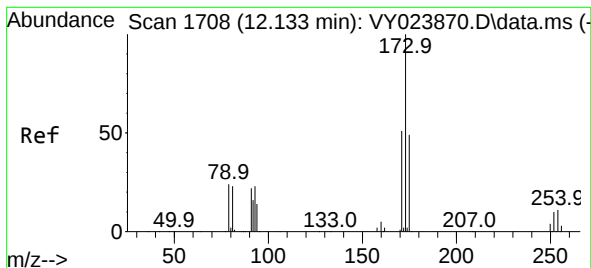
Tgt Ion:106 Resp: 536516
Ion Ratio Lower Upper
106 100
91 208.7 104.4 313.1



#70
Styrene
Concen: 57.406 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY023870.D
Acq: 03 Dec 2025 14:50

Tgt Ion:104 Resp: 879821
Ion Ratio Lower Upper
104 100
78 48.5 38.8 58.2
103 54.9 43.9 65.9





#71

Bromoform

Concen: 54.653 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023870.D

Acq: 03 Dec 2025 14:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

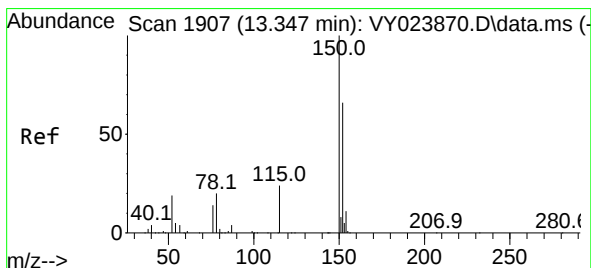
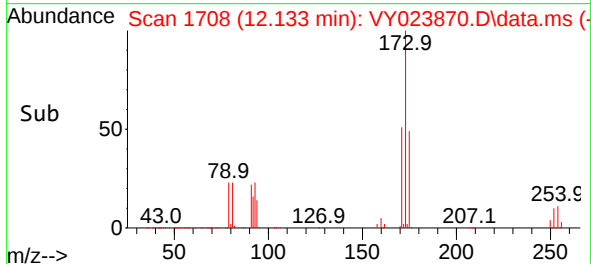
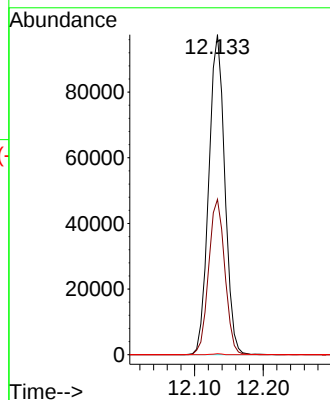
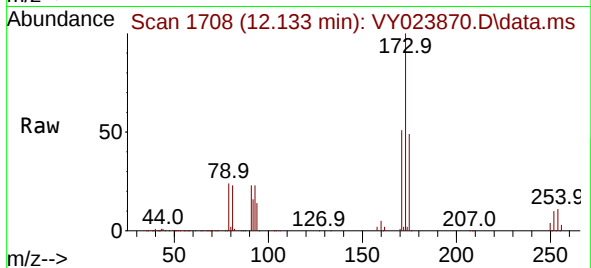
Tgt Ion:173 Resp: 158496

Ion Ratio Lower Upper

173 100

175 48.9 24.4 73.4

254 0.2 0.2 0.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY023870.D

Acq: 03 Dec 2025 14:50

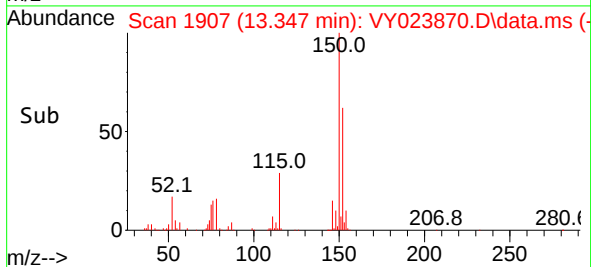
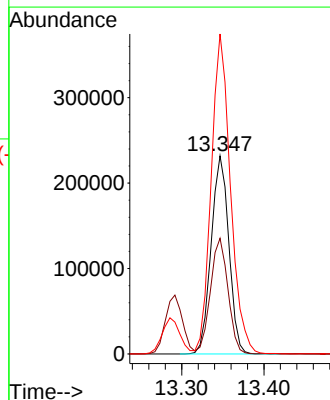
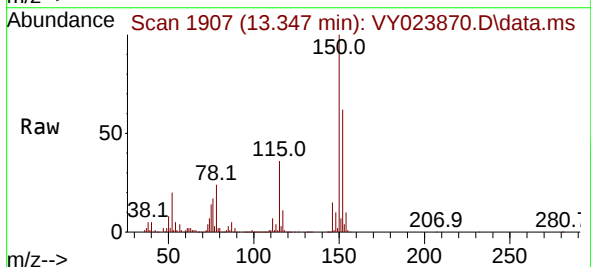
Tgt Ion:152 Resp: 346280

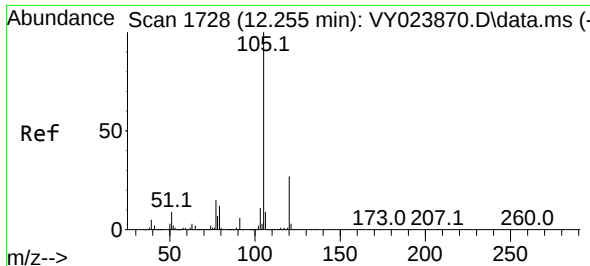
Ion Ratio Lower Upper

152 100

115 57.6 28.8 86.4

150 176.1 0.0 352.2

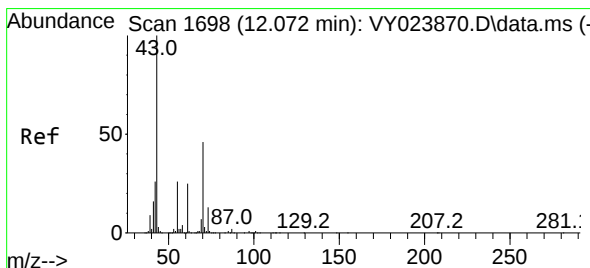
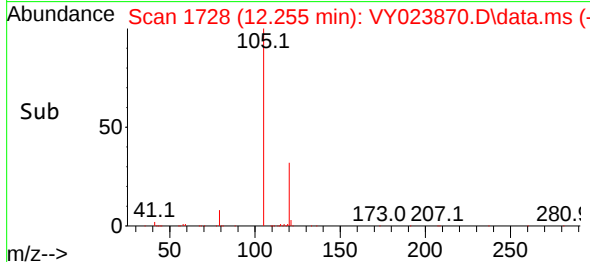
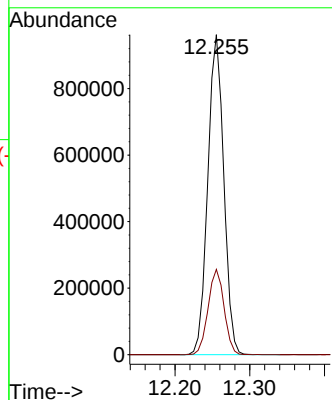
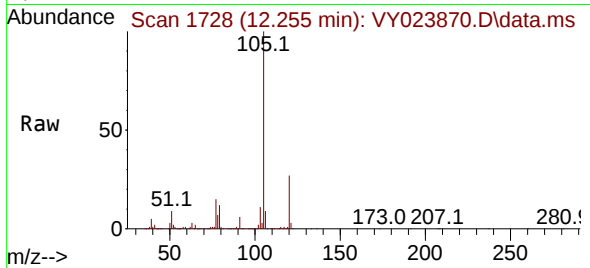




#73
Isopropylbenzene
Concen: 55.971 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023870.D
Acq: 03 Dec 2025 14:50

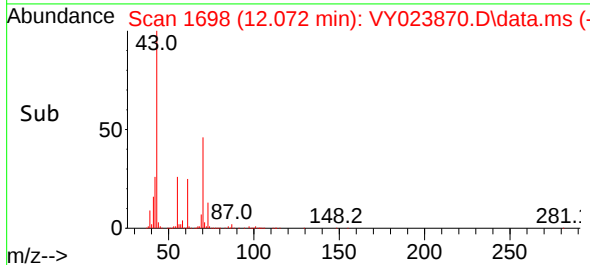
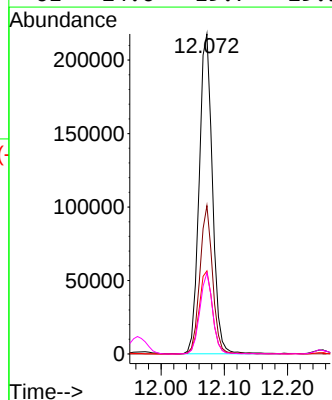
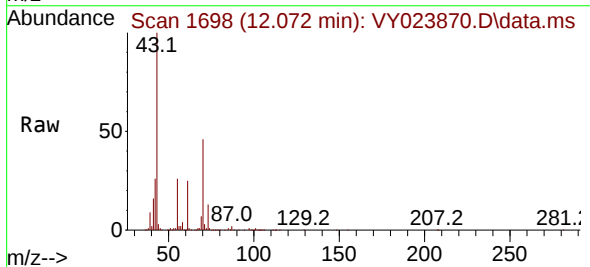
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

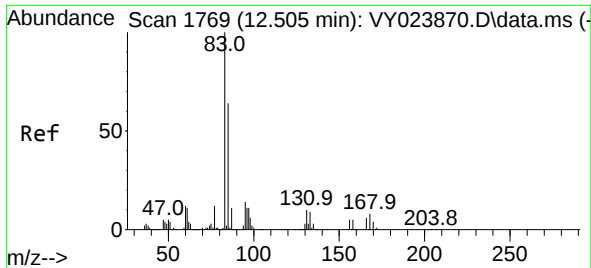
Tgt Ion:105 Resp: 1427981
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.1



#74
N-ethyl acetate
Concen: 57.575 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY023870.D
Acq: 03 Dec 2025 14:50

Tgt Ion: 43 Resp: 318349
Ion Ratio Lower Upper
43 100
70 44.4 35.5 53.3
55 26.4 21.1 31.7
61 24.6 19.7 29.5

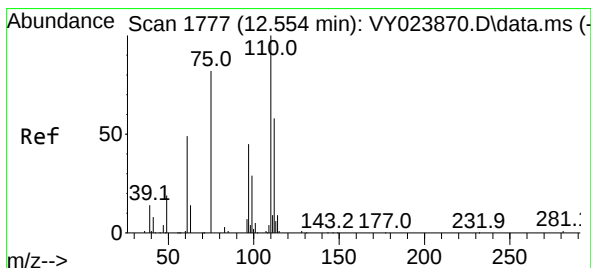
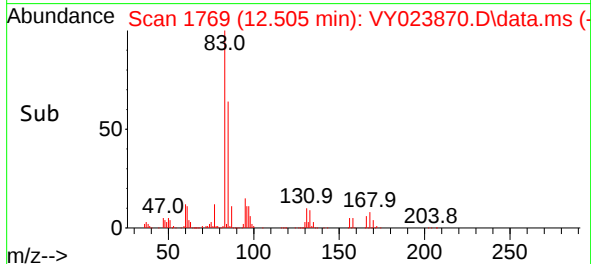
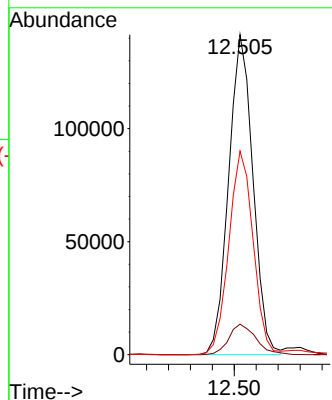
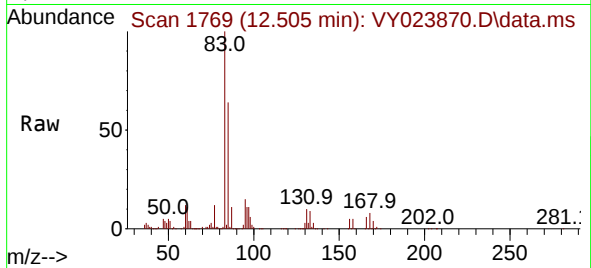




#75
 1,1,2,2-Tetrachloroethane
 Concen: 52.904 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY023870.D
 Acq: 03 Dec 2025 14:50

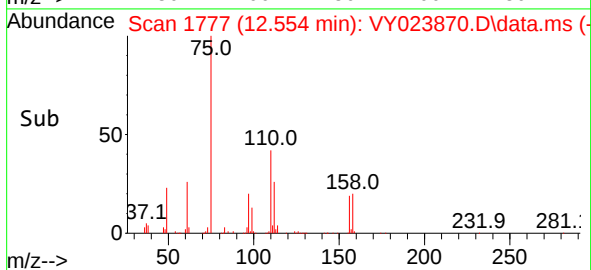
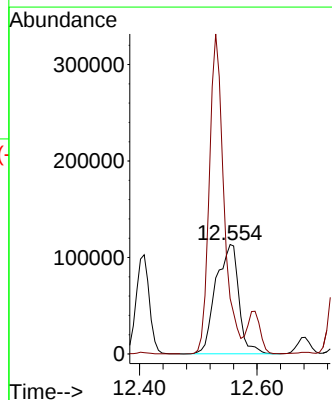
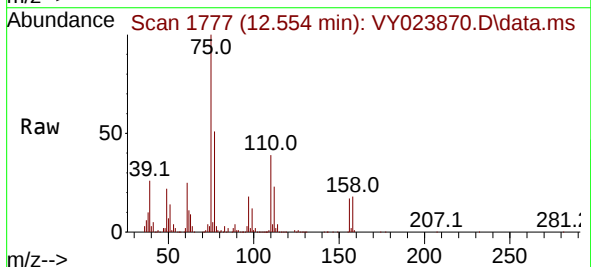
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

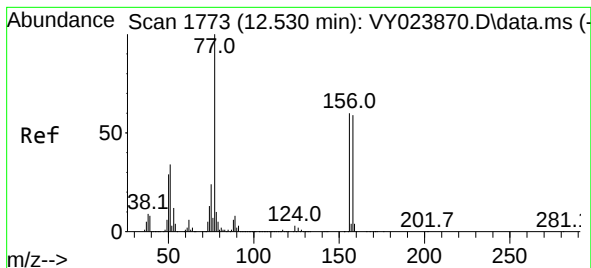
Tgt Ion: 83 Resp: 217767
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.3 15.9
 85 63.8 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 89.541 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY023870.D
 Acq: 03 Dec 2025 14:50

Tgt Ion: 75 Resp: 307387
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.850 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY023870.D

Acq: 03 Dec 2025 14:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

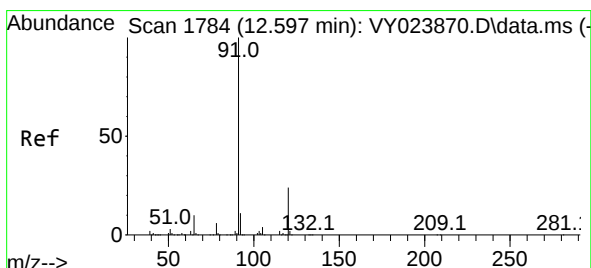
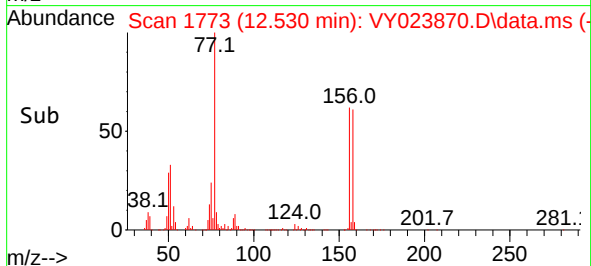
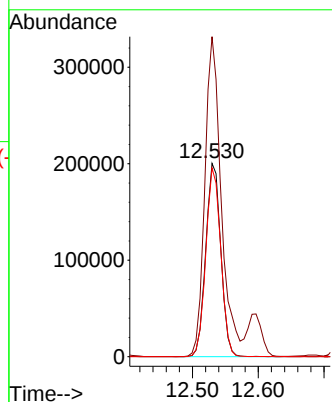
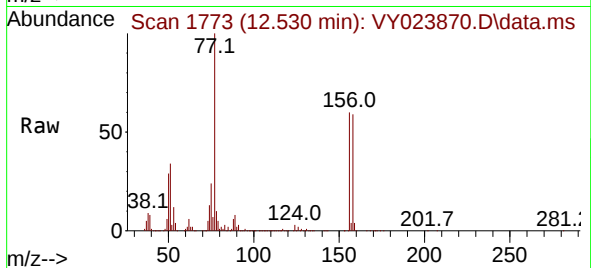
Tgt Ion:156 Resp: 319076

Ion Ratio Lower Upper

156 100

77 179.3 89.6 268.9

158 97.2 48.6 145.8



#78

n-propylbenzene

Concen: 56.277 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY023870.D

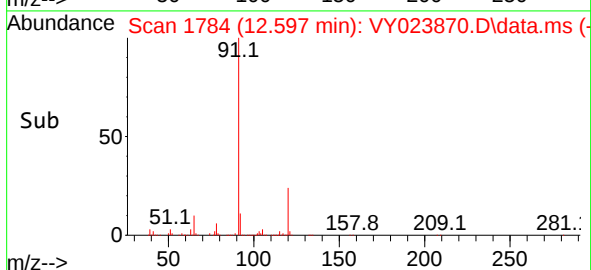
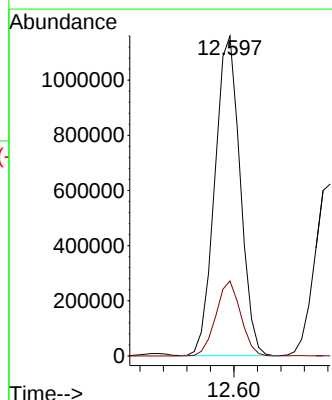
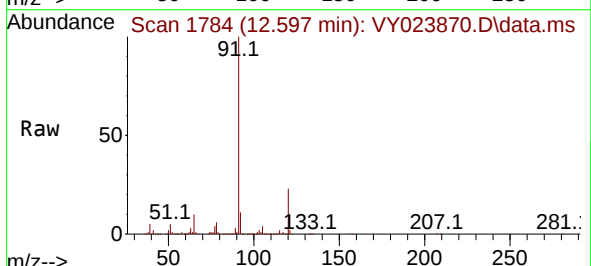
Acq: 03 Dec 2025 14:50

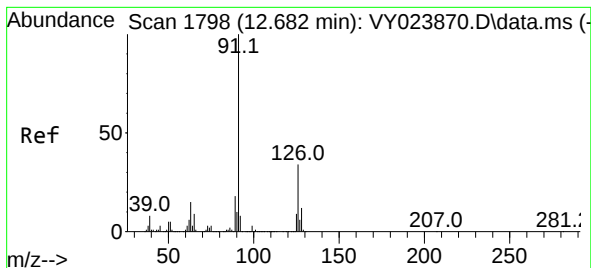
Tgt Ion: 91 Resp: 1732541

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.5

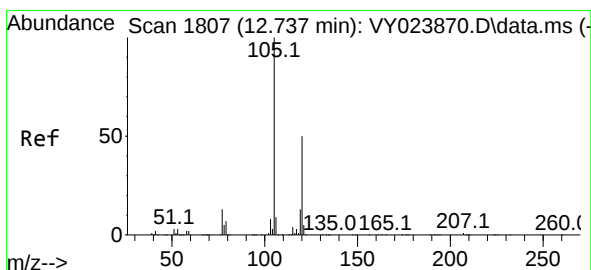
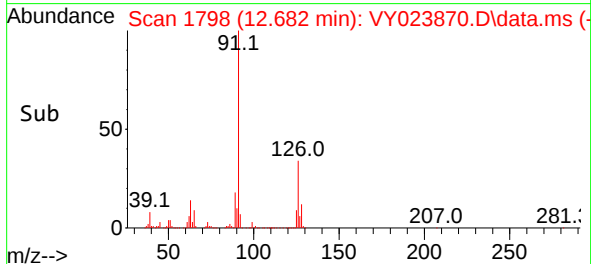
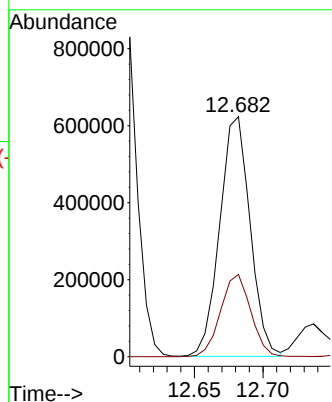
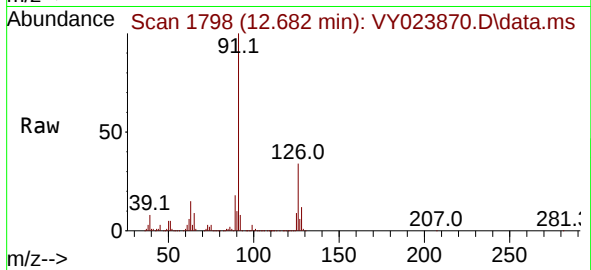




#79
2-Chlorotoluene
Concen: 54.987 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY023870.D
Acq: 03 Dec 2025 14:50

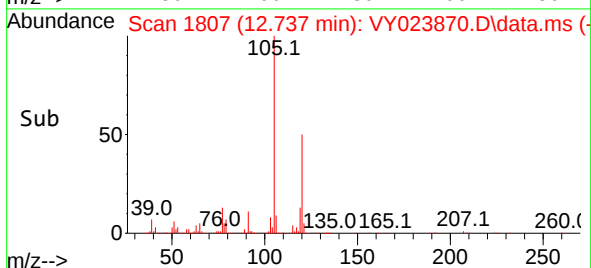
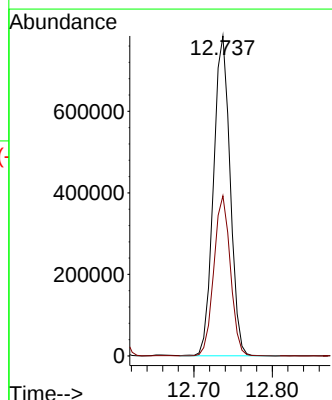
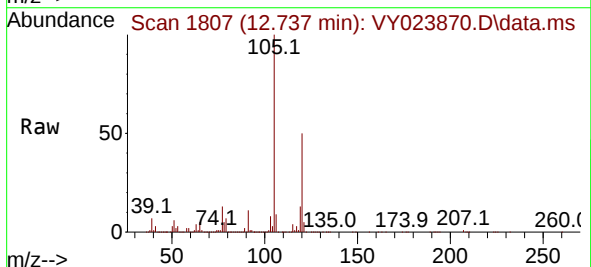
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

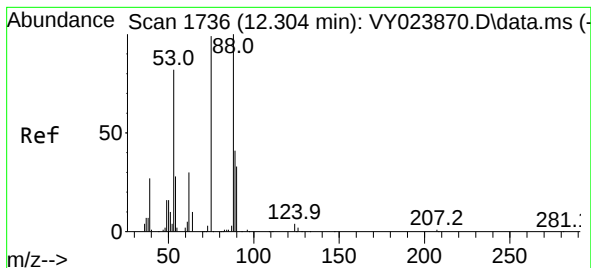
Tgt Ion: 91 Resp: 961405
Ion Ratio Lower Upper
91 100
126 34.0 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 55.790 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY023870.D
Acq: 03 Dec 2025 14:50

Tgt Ion: 105 Resp: 1156532
Ion Ratio Lower Upper
105 100
120 49.7 24.9 74.6

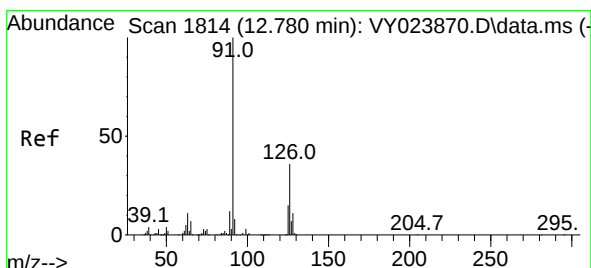
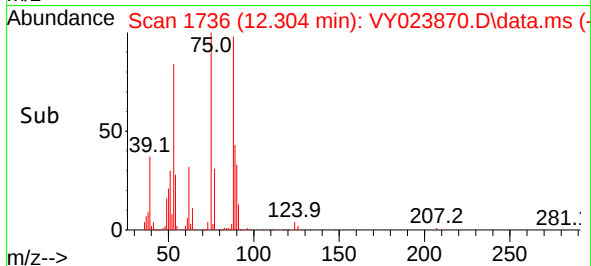
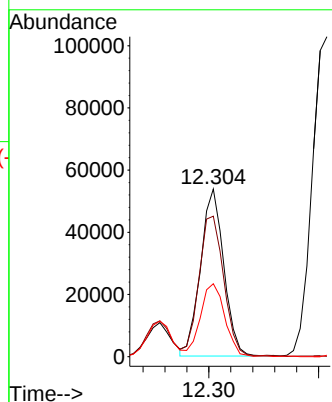
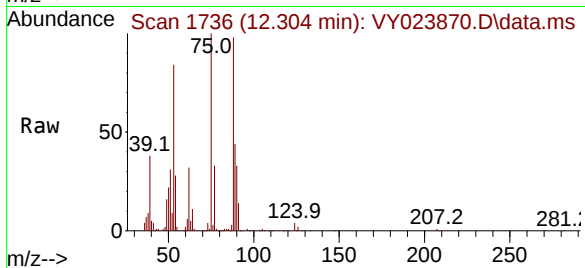




#81
trans-1,4-Dichloro-2-butene
Concen: 55.211 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY023870.D
Acq: 03 Dec 2025 14:50

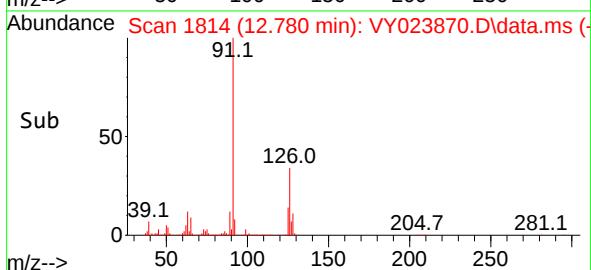
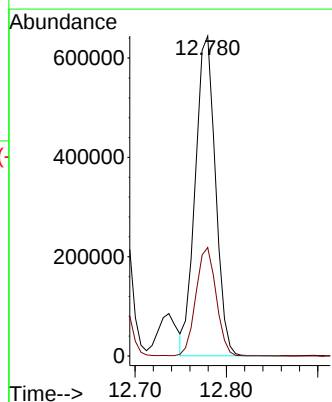
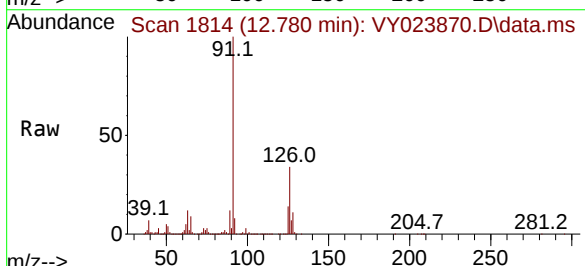
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

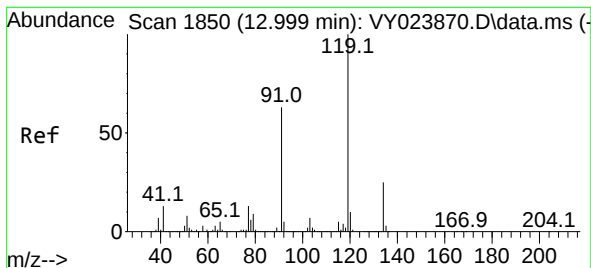
Tgt Ion: 75 Resp: 79135
Ion Ratio Lower Upper
75 100
53 88.9 71.1 106.7
89 45.4 36.3 54.5



#82
4-Chlorotoluene
Concen: 54.440 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY023870.D
Acq: 03 Dec 2025 14:50

Tgt Ion: 91 Resp: 986826
Ion Ratio Lower Upper
91 100
126 34.1 17.1 51.2





#83

tert-Butylbenzene

Concen: 56.001 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY023870.D

Acq: 03 Dec 2025 14:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

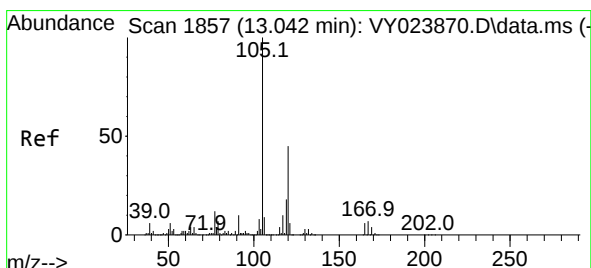
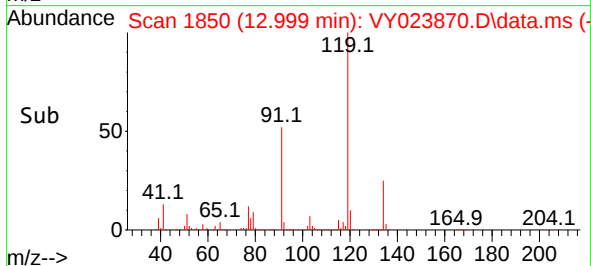
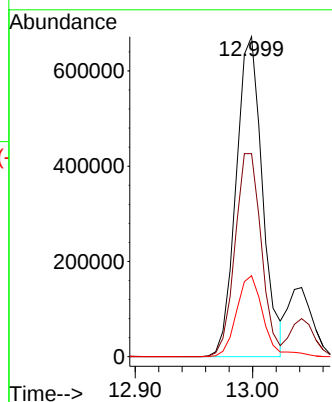
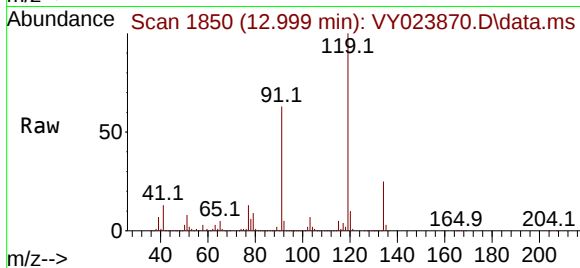
Tgt Ion:119 Resp: 1046589

Ion Ratio Lower Upper

119 100

91 63.5 31.8 95.3

134 25.8 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 56.440 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY023870.D

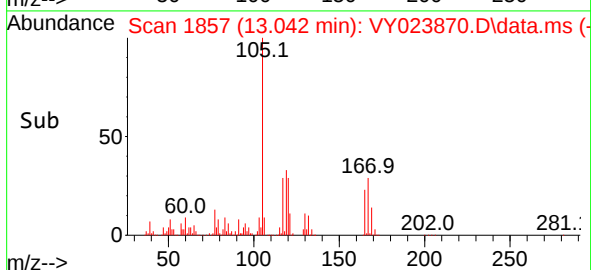
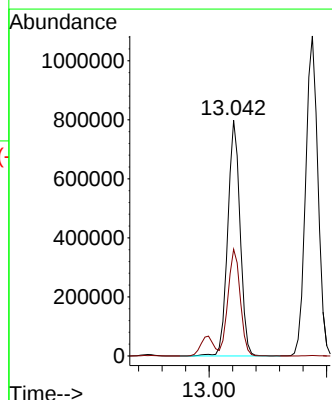
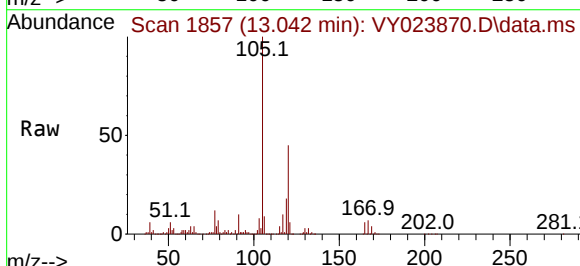
Acq: 03 Dec 2025 14:50

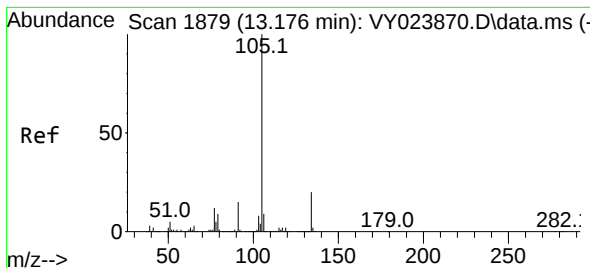
Tgt Ion:105 Resp: 1159100

Ion Ratio Lower Upper

105 100

120 44.9 22.4 67.3





#85

sec-Butylbenzene

Concen: 56.312 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY023870.D

Acq: 03 Dec 2025 14:50

Instrument :

MSVOA_Y

ClientSampleId :

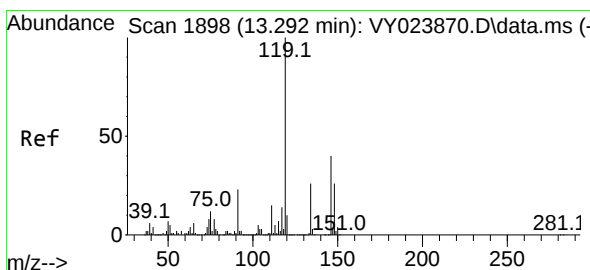
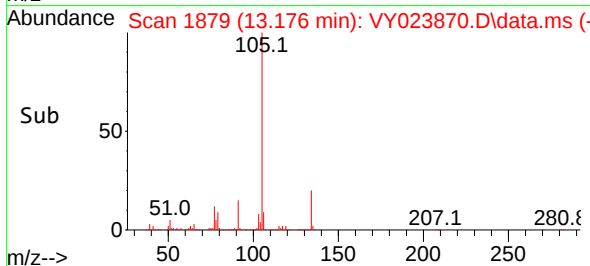
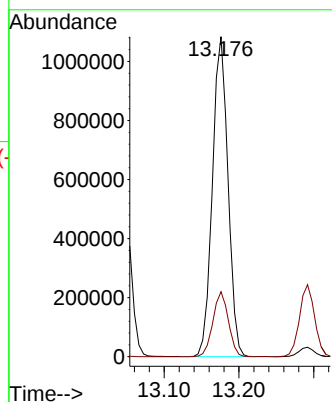
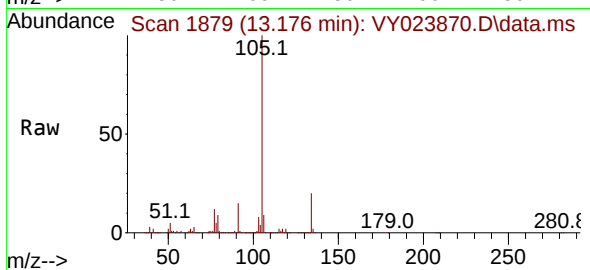
VSTDICCC050

Tgt Ion:105 Resp: 1565508

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.3



#86

p-Isopropyltoluene

Concen: 56.735 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY023870.D

Acq: 03 Dec 2025 14:50

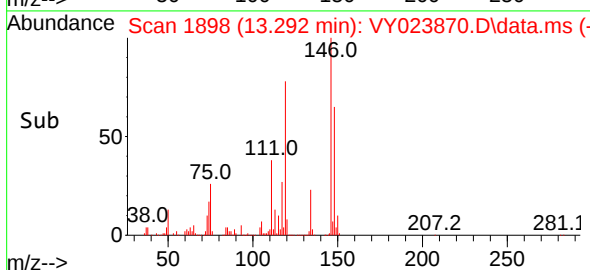
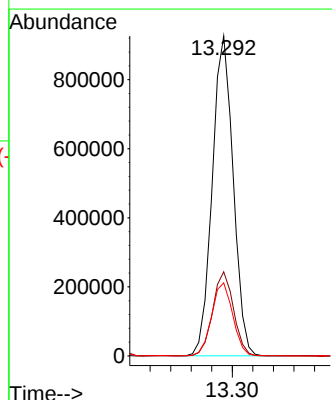
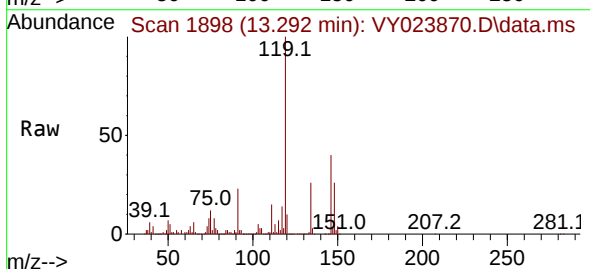
Tgt Ion:119 Resp: 1305932

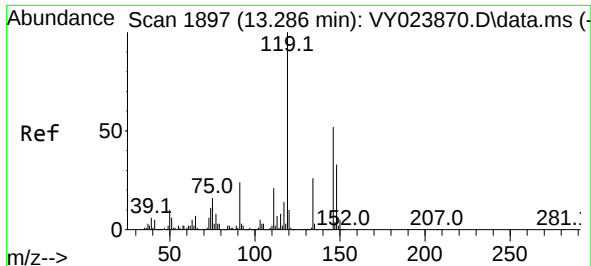
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

91 23.2 11.6 34.8

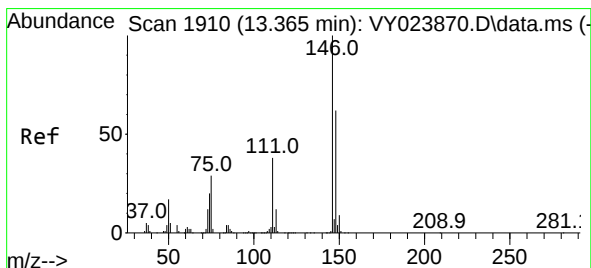
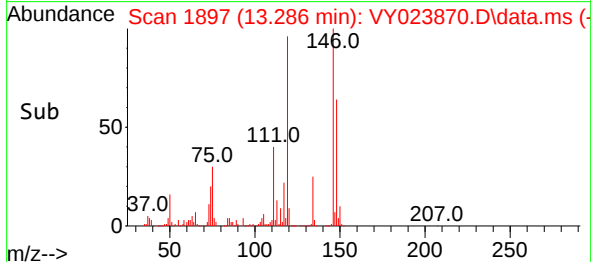
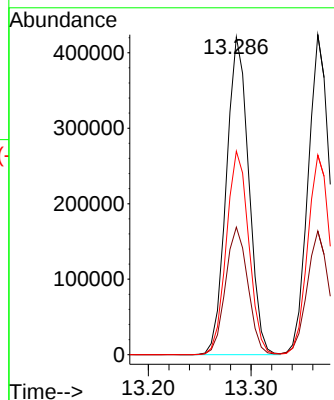
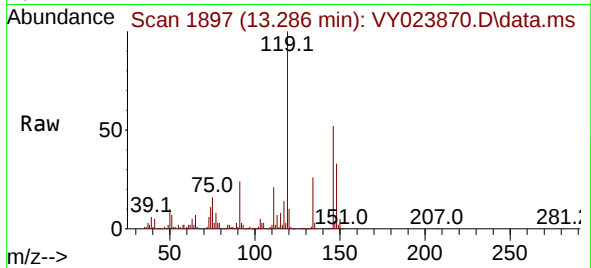




#87
 1,3-Dichlorobenzene
 Concen: 53.335 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY023870.D
 Acq: 03 Dec 2025 14:50

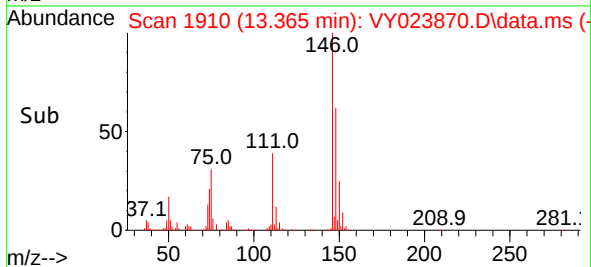
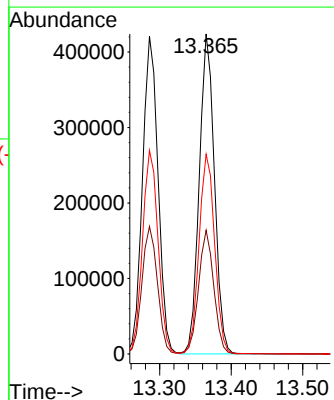
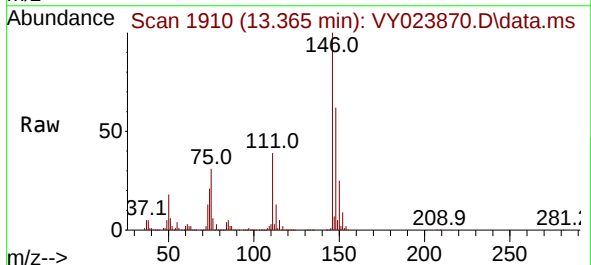
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

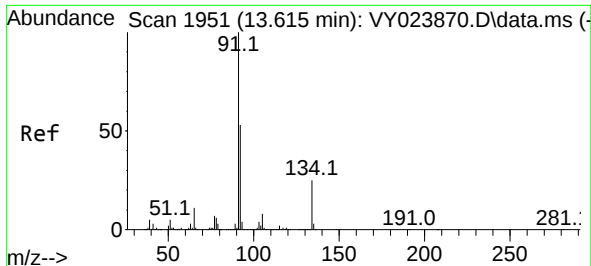
Tgt Ion:146 Resp: 636686
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.0 60.0
 148 64.1 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 53.346 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY023870.D
 Acq: 03 Dec 2025 14:50

Tgt Ion:146 Resp: 624513
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.4 58.1
 148 64.1 32.0 96.2





#89

n-Butylbenzene

Concen: 56.873 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY023870.D

Acq: 03 Dec 2025 14:50

Instrument :

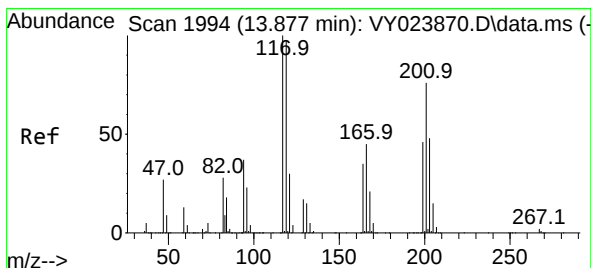
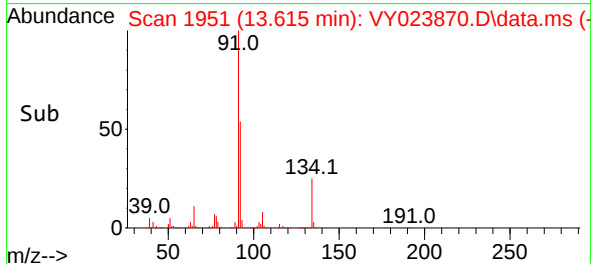
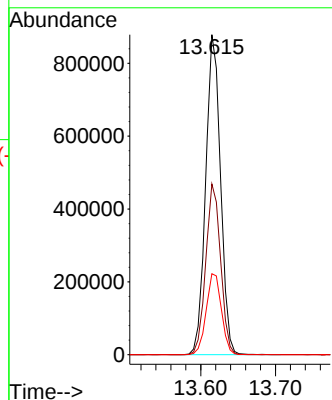
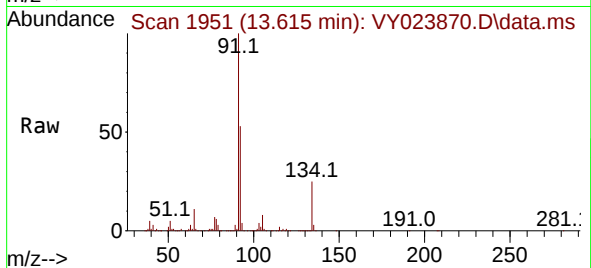
MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 1211662

Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.7	80.0
134	26.0	13.0	39.0



#90

Hexachloroethane

Concen: 53.168 ug/l

RT: 13.877 min Scan# 1994

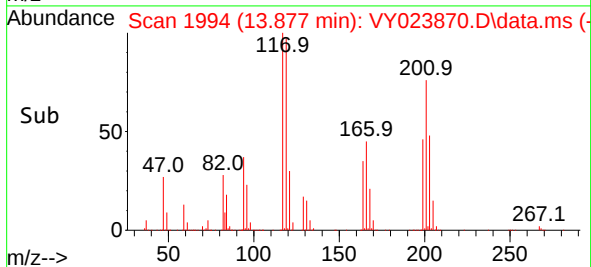
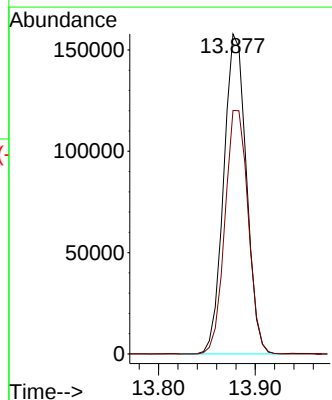
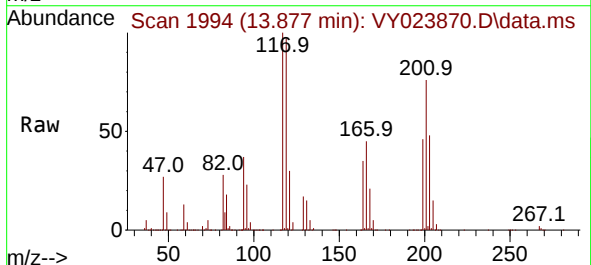
Delta R.T. 0.000 min

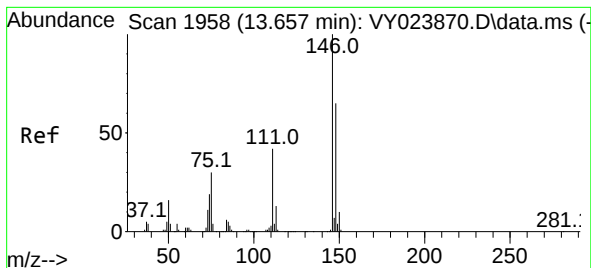
Lab File: VY023870.D

Acq: 03 Dec 2025 14:50

Tgt Ion: 117 Resp: 256745

Ion	Ratio	Lower	Upper
117	100		
201	78.1	39.1	117.2





#91

1,2-Dichlorobenzene

Concen: 53.656 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY023870.D

Acq: 03 Dec 2025 14:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

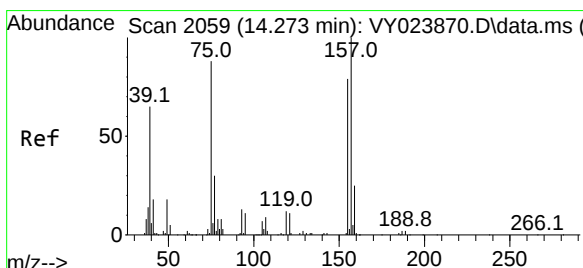
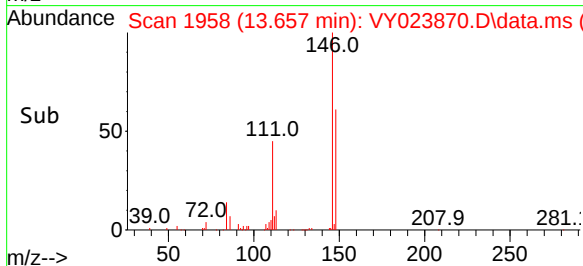
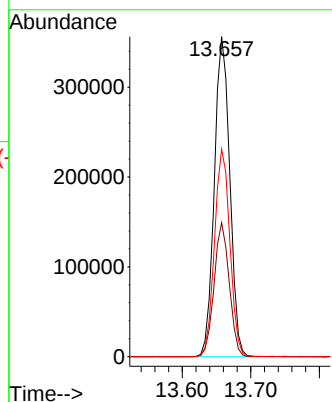
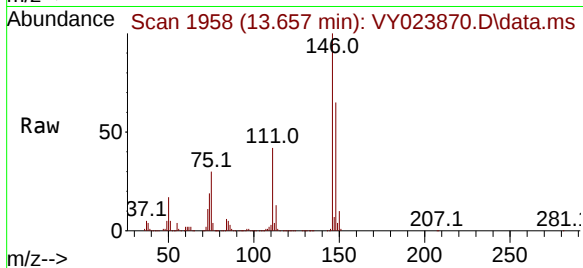
Tgt Ion:146 Resp: 557111

Ion Ratio Lower Upper

146 100

111 40.9 20.4 61.3

148 64.5 32.3 96.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.532 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY023870.D

Acq: 03 Dec 2025 14:50

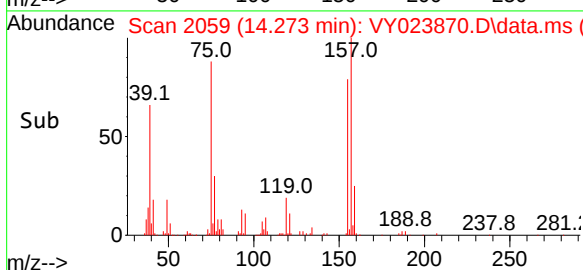
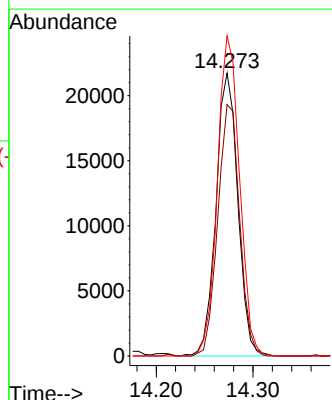
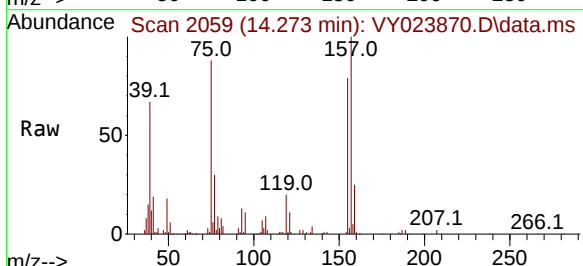
Tgt Ion: 75 Resp: 34000

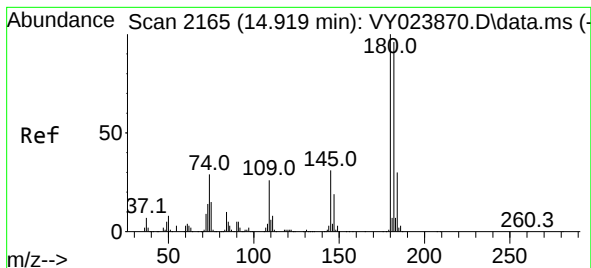
Ion Ratio Lower Upper

75 100

155 88.8 44.4 133.2

157 114.9 57.5 172.3





#93

1,2,4-Trichlorobenzene

Concen: 53.634 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY023870.D

Acq: 03 Dec 2025 14:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

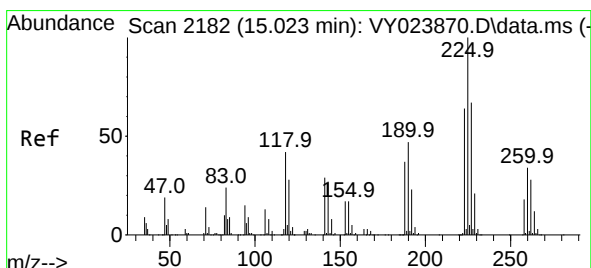
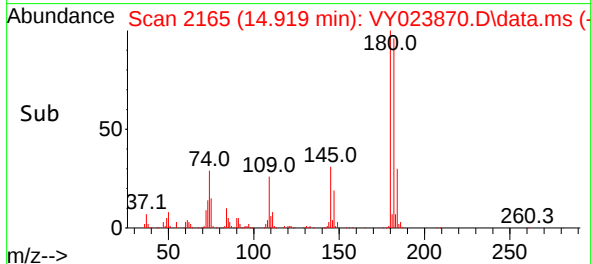
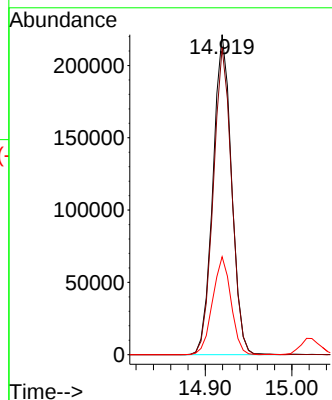
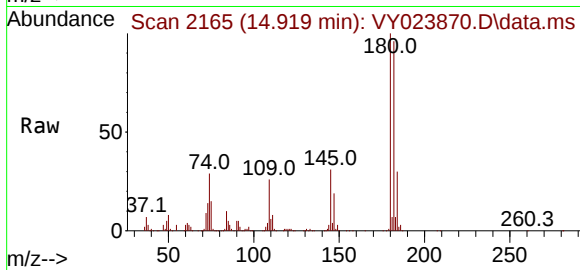
Tgt Ion:180 Resp: 330167

Ion Ratio Lower Upper

180 100

182 94.9 47.4 142.3

145 30.3 15.2 45.5



#94

Hexachlorobutadiene

Concen: 53.634 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY023870.D

Acq: 03 Dec 2025 14:50

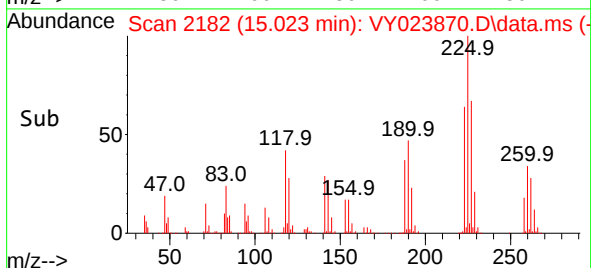
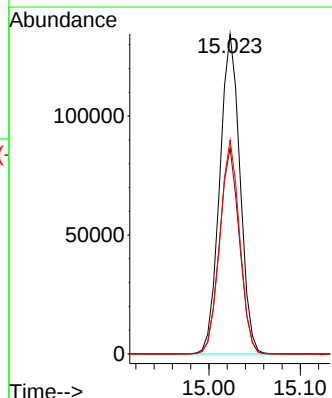
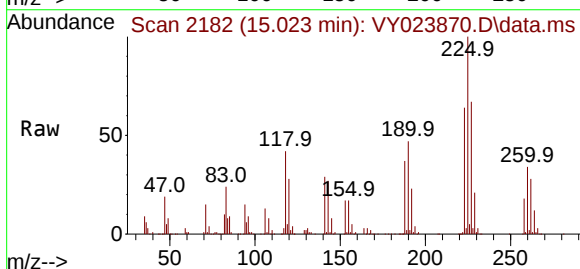
Tgt Ion:225 Resp: 207145

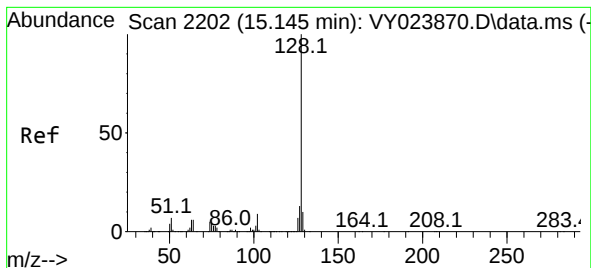
Ion Ratio Lower Upper

225 100

223 63.3 31.6 95.0

227 65.2 32.6 97.8





#95

Naphthalene

Concen: 55.488 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY023870.D

Acq: 03 Dec 2025 14:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

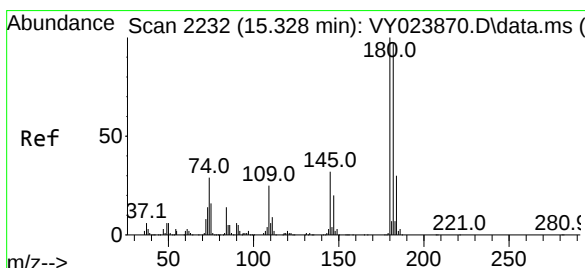
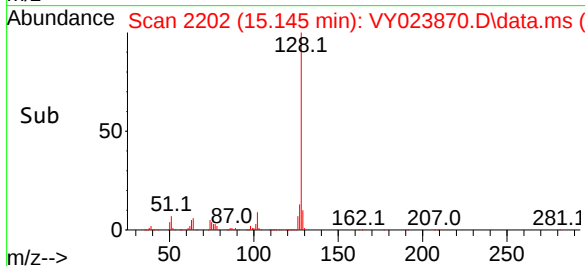
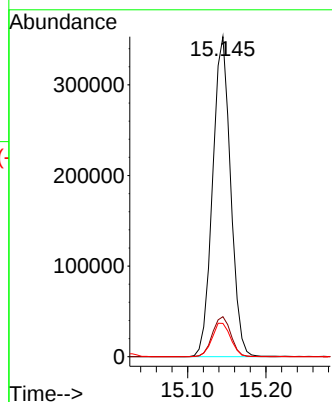
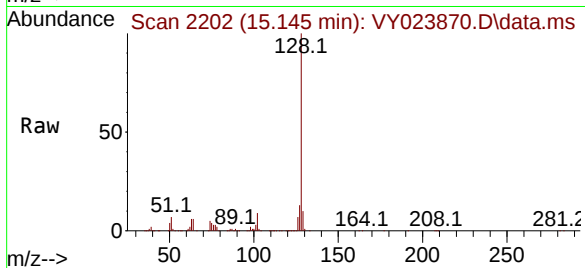
Tgt Ion:128 Resp: 562927

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 53.933 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY023870.D

Acq: 03 Dec 2025 14:50

Tgt Ion:180 Resp: 283318

Ion Ratio Lower Upper

180 100

182 93.9 46.9 140.8

145 31.4 15.7 47.1

