

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100825\
 Data File : VY023405.D
 Acq On : 08 Oct 2025 16:12
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 09 03:13:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	559273	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	807334	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	733299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	400297	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	219486	46.932	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.860%
35) Dibromofluoromethane	7.634	113	241410	48.665	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.320%
50) Toluene-d8	10.103	98	897865	48.601	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.200%
62) 4-Bromofluorobenzene	12.402	95	300344	49.243	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.480%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	172982	42.971	ug/l	98
3) Chloromethane	2.068	50	246075	44.872	ug/l	99
4) Vinyl Chloride	2.202	62	331360	46.391	ug/l	99
5) Bromomethane	2.592	94	263324	43.931	ug/l	100
6) Chloroethane	2.733	64	234796	48.224	ug/l	98
7) Trichlorofluoromethane	3.056	101	458354	46.217	ug/l	98
8) Diethyl Ether	3.452	74	119952	46.287	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	239342	46.507	ug/l	100
10) Methyl Iodide	4.001	142	297001	51.839	ug/l	99
11) Tert butyl alcohol	4.848	59	76428	219.670	ug/l	100
12) 1,1-Dichloroethene	3.787	96	230078	46.118	ug/l	96
13) Acrolein	3.653	56	101776	207.022	ug/l	99
14) Allyl chloride	4.385	41	280549	46.143	ug/l	99
15) Acrylonitrile	5.055	53	238686	240.671	ug/l	99
16) Acetone	3.867	43	218960	196.662	ug/l	99
17) Carbon Disulfide	4.104	76	664923	46.568	ug/l	100
18) Methyl Acetate	4.379	43	145225	49.724	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	580492	48.413	ug/l	97
20) Methylene Chloride	4.610	84	255655	42.464	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	261747	47.655	ug/l	97
22) Diisopropyl ether	6.019	45	648558	48.224	ug/l	99
23) Vinyl Acetate	5.958	43	1759104	241.651	ug/l	98
24) 1,1-Dichloroethane	5.915	63	418546	46.982	ug/l	99
25) 2-Butanone	6.890	43	297313	218.731	ug/l	95
26) 2,2-Dichloropropane	6.884	77	375553	45.942	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	304599	48.009	ug/l	98
28) Bromochloromethane	7.244	49	151870	45.666	ug/l	99
29) Tetrahydrofuran	7.262	42	185296	240.396	ug/l	98
30) Chloroform	7.421	83	467006	47.713	ug/l	100
31) Cyclohexane	7.701	56	349035	44.864	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	417635	46.953	ug/l	100
36) 1,1-Dichloropropene	7.835	75	317468	48.340	ug/l	99
37) Ethyl Acetate	6.982	43	127867	49.145	ug/l	97
38) Carbon Tetrachloride	7.817	117	378560	47.538	ug/l	98
39) Methylcyclohexane	9.109	83	423167	49.488	ug/l	100
40) Benzene	8.079	78	1005201	48.330	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100825\
 Data File : VY023405.D
 Acq On : 08 Oct 2025 16:12
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 09 03:13:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	57289	40.712	ug/l #	88
42) 1,2-Dichloroethane	8.158	62	258922	48.271	ug/l	100
43) Isopropyl Acetate	8.195	43	253983	48.955	ug/l	99
44) Trichloroethene	8.866	130	296287	48.671	ug/l	99
45) 1,2-Dichloropropane	9.140	63	227410	49.503	ug/l	98
46) Dibromomethane	9.231	93	144563	49.766	ug/l	98
47) Bromodichloromethane	9.420	83	361862	49.462	ug/l	100
48) Methyl methacrylate	9.219	41	120712	49.526	ug/l	97
49) 1,4-Dioxane	9.225	88	33544	995.972	ug/l	97
51) 4-Methyl-2-Pentanone	9.993	43	683923	255.146	ug/l	99
52) Toluene	10.170	92	667575	49.435	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	314389	49.422	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	367795	48.988	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	193209	49.461	ug/l	95
56) Ethyl methacrylate	10.438	69	234816	52.112	ug/l	99
57) 1,3-Dichloropropane	10.713	76	307420	49.664	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	568885	281.828	ug/l	100
59) 2-Hexanone	10.762	43	466180	243.357	ug/l	100
60) Dibromochloromethane	10.908	129	271371	49.550	ug/l	99
61) 1,2-Dibromoethane	11.012	107	185398	49.766	ug/l	99
64) Tetrachloroethene	10.646	164	366213	48.367	ug/l	96
65) Chlorobenzene	11.438	112	758170	47.537	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	271205	47.718	ug/l	99
67) Ethyl Benzene	11.518	91	1246178	48.271	ug/l	99
68) m/p-Xylenes	11.627	106	1013931	97.918	ug/l	100
69) o-Xylene	11.950	106	477074	49.119	ug/l	99
70) Styrene	11.969	104	797484	49.930	ug/l	100
71) Bromoform	12.127	173	168352	47.754	ug/l #	100
73) Isopropylbenzene	12.249	105	1229037	46.590	ug/l	99
74) N-amyl acetate	12.066	43	221183	46.680	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	193615	44.874	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	266829	75.553	ug/l #	100
77) Bromobenzene	12.530	156	317482	45.269	ug/l	99
78) n-propylbenzene	12.591	91	1439974	47.170	ug/l	100
79) 2-Chlorotoluene	12.676	91	821109	45.932	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	1012772	47.510	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	65121	45.216	ug/l	98
82) 4-Chlorotoluene	12.773	91	837635	45.497	ug/l	99
83) tert-Butylbenzene	12.993	119	930454	47.274	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	1004451	47.214	ug/l	99
85) sec-Butylbenzene	13.170	105	1335110	47.287	ug/l	100
86) p-Isopropyltoluene	13.286	119	1139235	47.391	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	619457	45.359	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	608912	45.145	ug/l	100
89) n-Butylbenzene	13.615	91	987414	47.141	ug/l	100
90) Hexachloroethane	13.877	117	232120	44.895	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	546395	45.634	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.267	75	31728	44.817	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	333445	44.671	ug/l	99
94) Hexachlorobutadiene	15.017	225	207098	44.508	ug/l	99
95) Naphthalene	15.139	128	541564	45.562	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	291708	45.118	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100825\
Data File : VY023405.D
Acq On : 08 Oct 2025 16:12
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

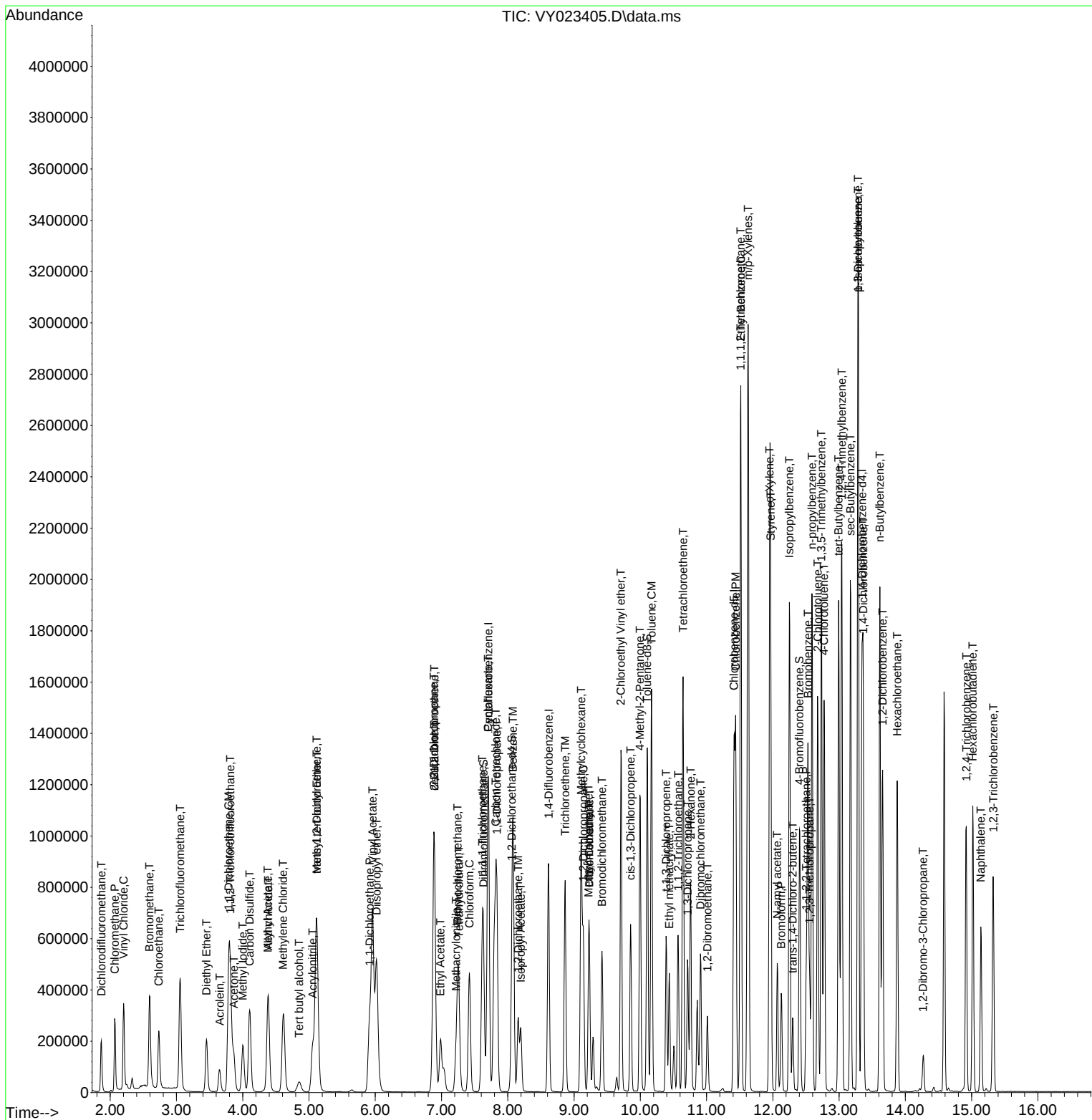
Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 09 03:13:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 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: Oct 09 03:13:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

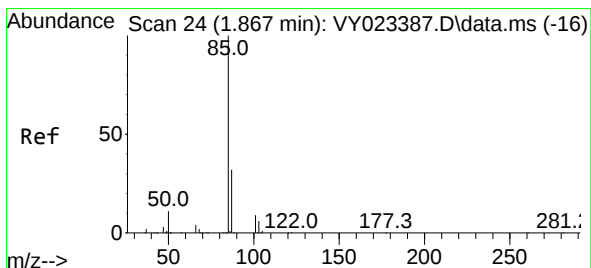
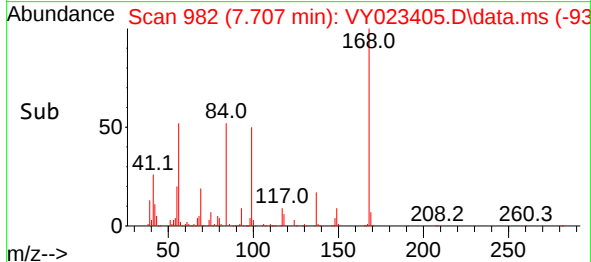
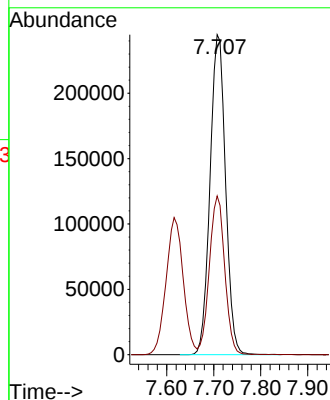
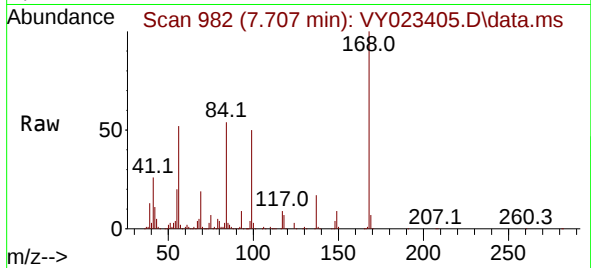




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023405.D
Acq: 08 Oct 2025 16:12

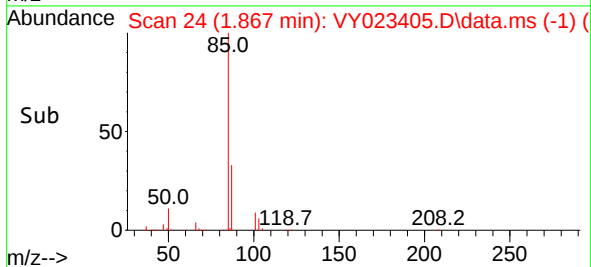
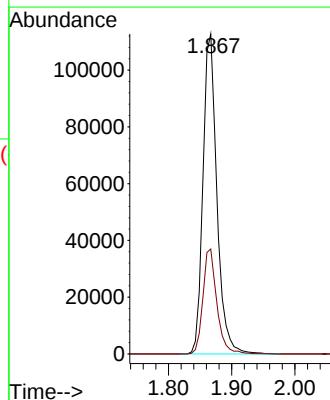
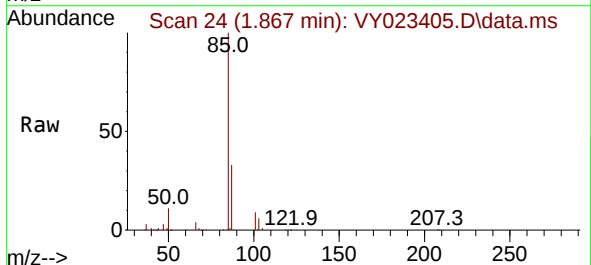
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 559273
Ion Ratio Lower Upper
168 100
99 49.5 39.7 59.5



#2
Dichlorodifluoromethane
Concen: 42.971 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY023405.D
Acq: 08 Oct 2025 16:12

Tgt Ion: 85 Resp: 172982
Ion Ratio Lower Upper
85 100
87 32.8 16.0 47.9

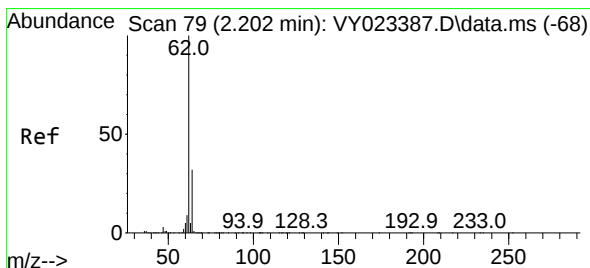
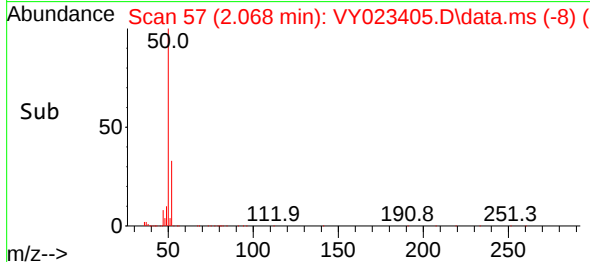
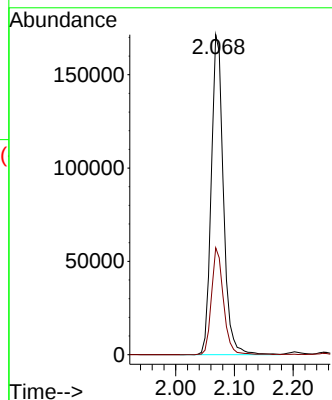
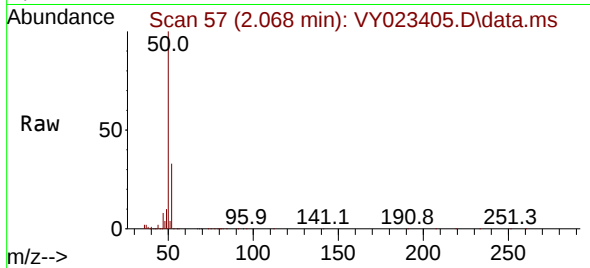




#3
Chloromethane
Concen: 44.872 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023405.D
Acq: 08 Oct 2025 16:12

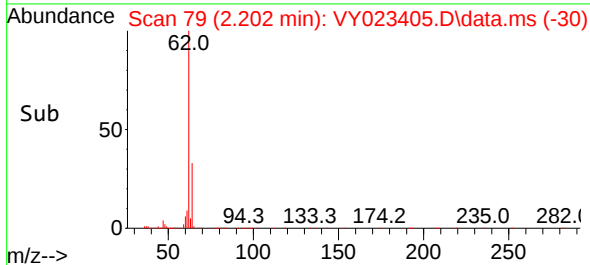
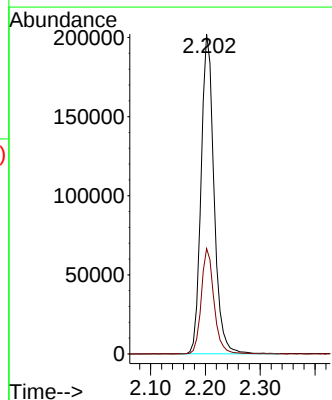
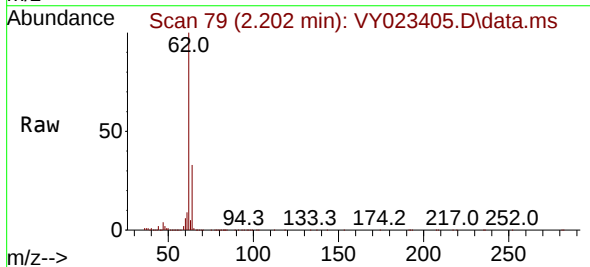
Instrument :
MSVOA_Y
ClientSampleId :

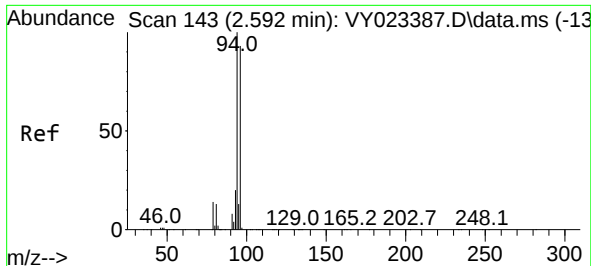
Tgt Ion: 50 Resp: 246075
Ion Ratio Lower Upper
50 100
52 33.4 26.2 39.2



#4
Vinyl Chloride
Concen: 46.391 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY023405.D
Acq: 08 Oct 2025 16:12

Tgt Ion: 62 Resp: 331360
Ion Ratio Lower Upper
62 100
64 32.9 25.8 38.8

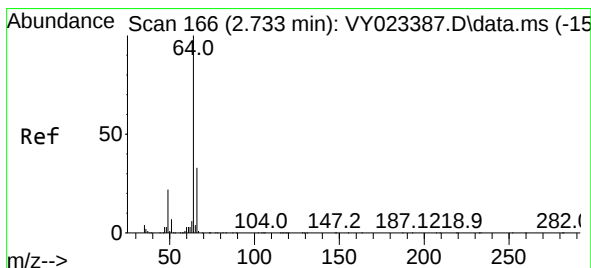
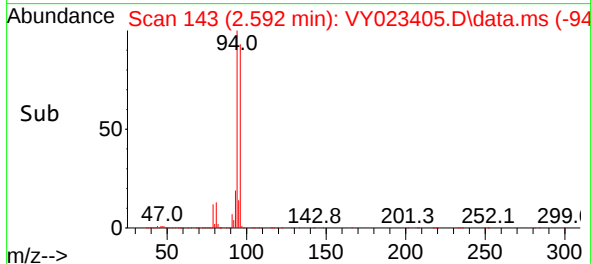
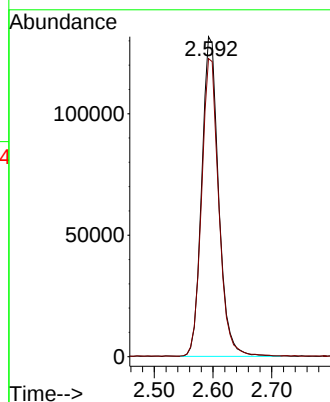
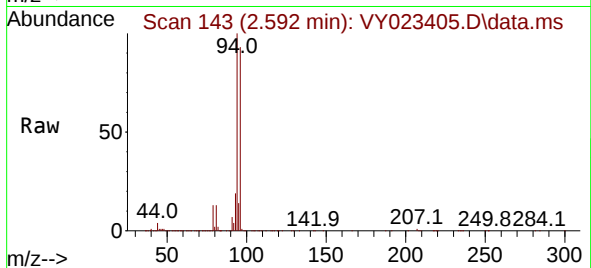




#5
Bromomethane
Concen: 43.931 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY023405.D
Acq: 08 Oct 2025 16:12

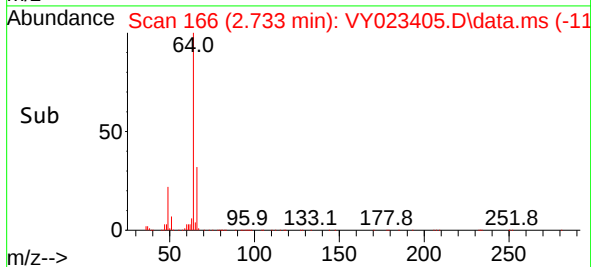
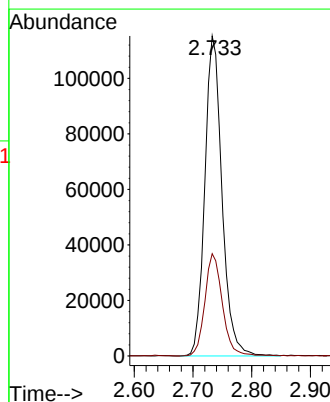
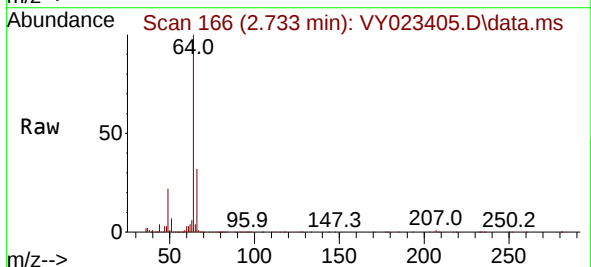
Instrument :
MSVOA_Y
ClientSampleId :

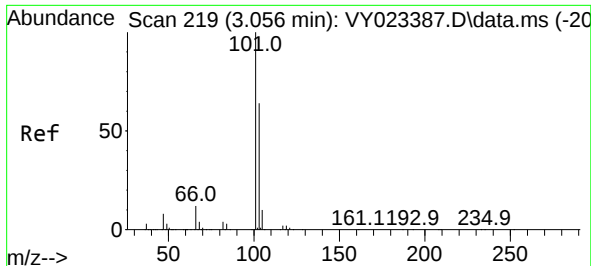
Tgt Ion: 94 Resp: 263324
Ion Ratio Lower Upper
94 100
96 93.1 74.5 111.7



#6
Chloroethane
Concen: 48.224 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY023405.D
Acq: 08 Oct 2025 16:12

Tgt Ion: 64 Resp: 234796
Ion Ratio Lower Upper
64 100
66 31.9 26.2 39.4

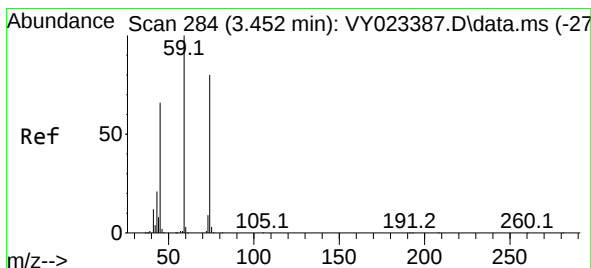
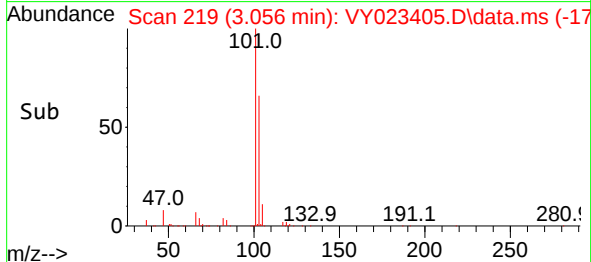
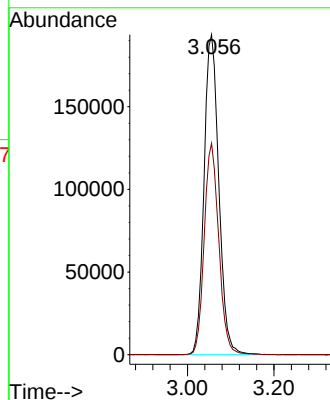
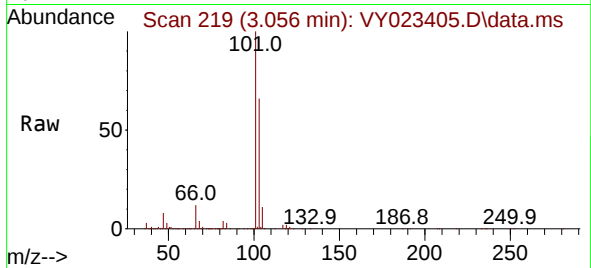




#7
 Trichlorofluoromethane
 Concen: 46.217 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY023405.D
 Acq: 08 Oct 2025 16:12

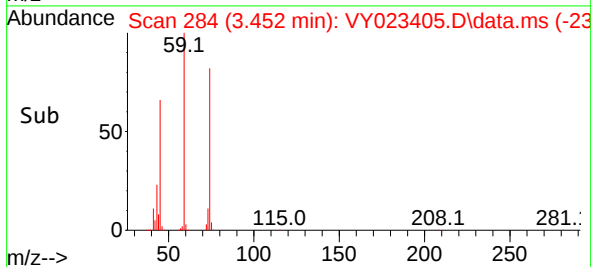
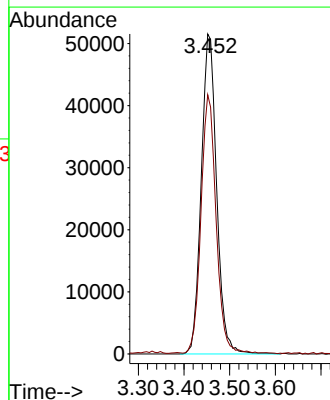
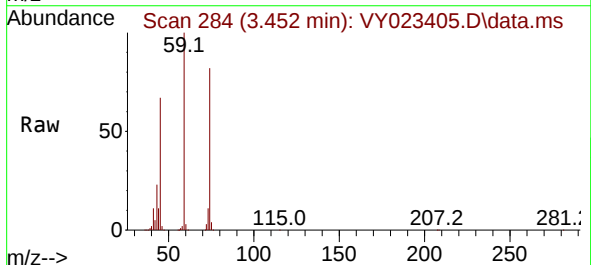
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:101 Resp: 458354
 Ion Ratio Lower Upper
 101 100
 103 66.1 51.3 76.9



#8
 Diethyl Ether
 Concen: 46.287 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY023405.D
 Acq: 08 Oct 2025 16:12

Tgt Ion: 74 Resp: 119952
 Ion Ratio Lower Upper
 74 100
 45 79.2 39.9 119.7

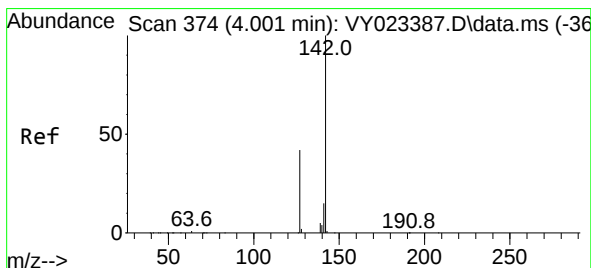
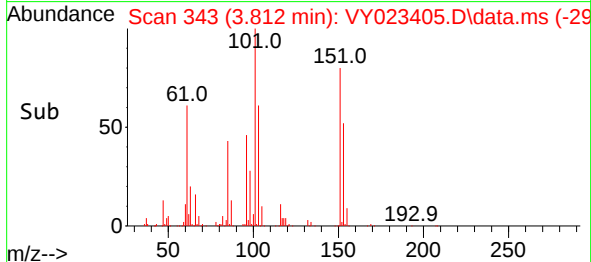
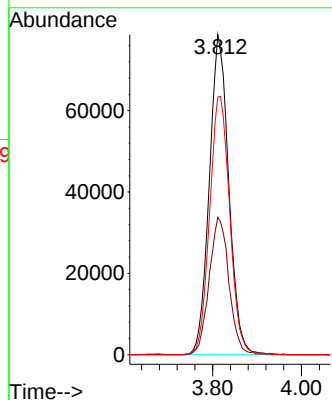
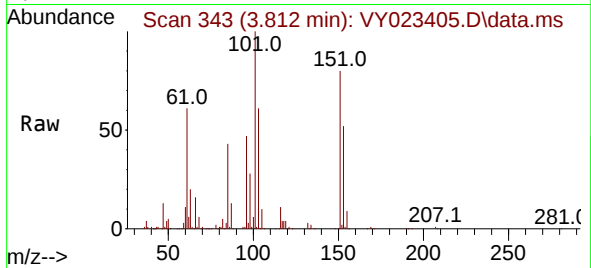




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.507 ug/l
RT: 3.812 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY023405.D
Acq: 08 Oct 2025 16:12

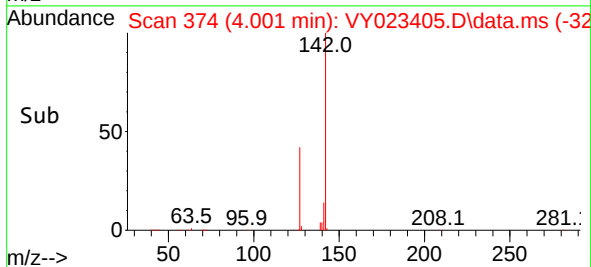
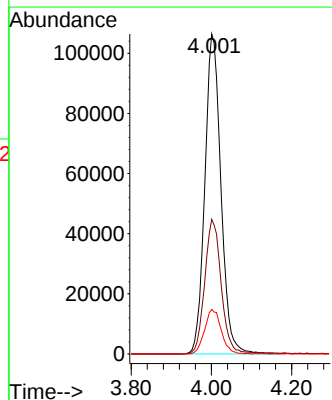
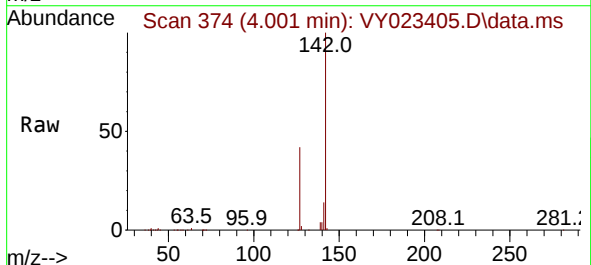
Instrument :
MSVOA_Y
ClientSampleId :

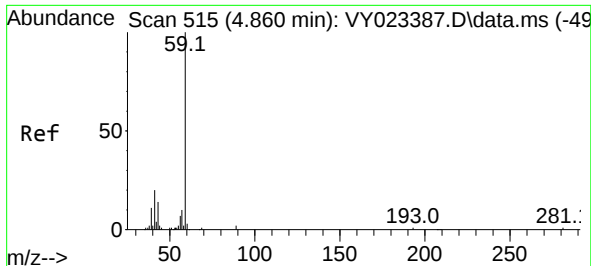
Tgt Ion:101 Resp: 239342
Ion Ratio Lower Upper
101 100
85 43.7 34.6 51.8
151 83.6 67.0 100.6



#10
Methyl Iodide
Concen: 51.839 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY023405.D
Acq: 08 Oct 2025 16:12

Tgt Ion:142 Resp: 297001
Ion Ratio Lower Upper
142 100
127 43.1 34.8 52.2
141 14.4 11.6 17.4





#11

Tert butyl alcohol

Concen: 219.670 ug/l

RT: 4.848 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY023405.D

Acq: 08 Oct 2025 16:12

Instrument :

MSVOA_Y

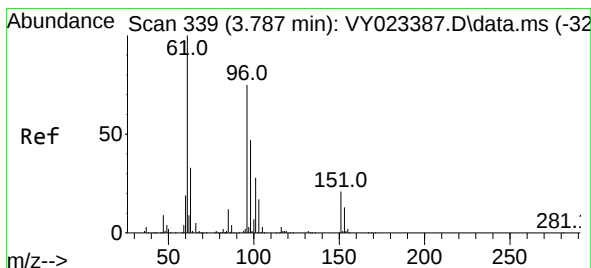
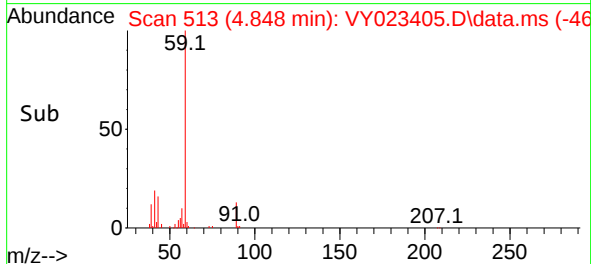
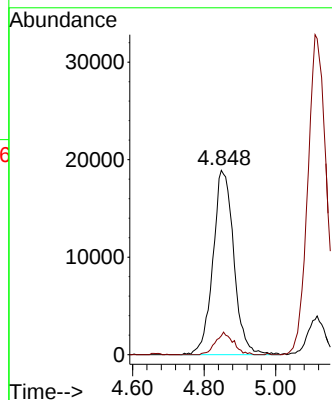
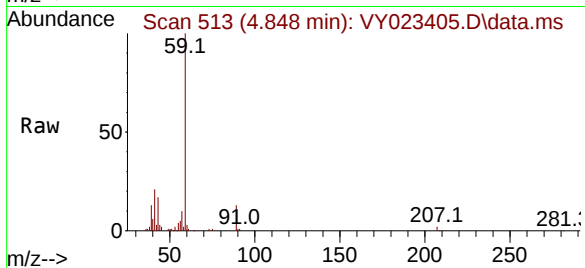
ClientSampleId :

Tgt Ion: 59 Resp: 76428

Ion Ratio Lower Upper

59 100

57 10.5 8.3 12.5



#12

1,1-Dichloroethene

Concen: 46.118 ug/l

RT: 3.787 min Scan# 339

Delta R.T. 0.000 min

Lab File: VY023405.D

Acq: 08 Oct 2025 16:12

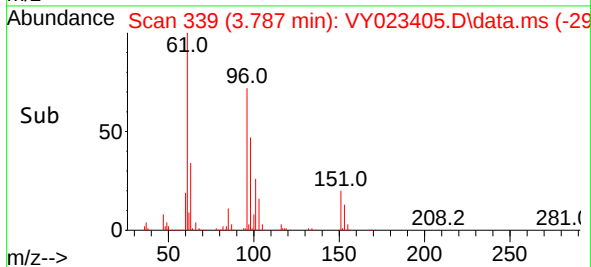
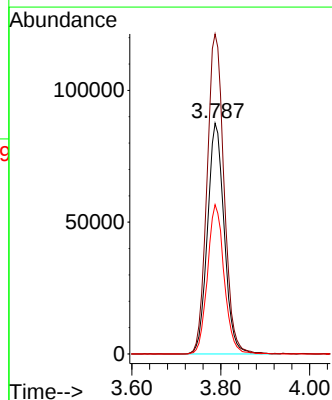
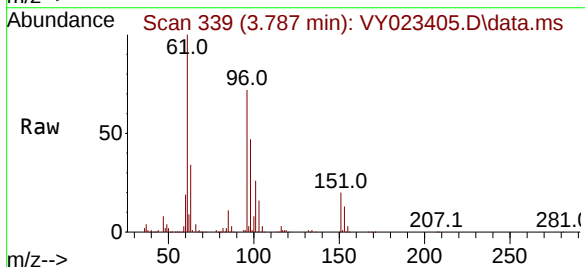
Tgt Ion: 96 Resp: 230078

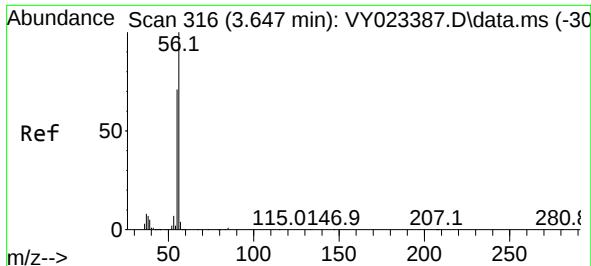
Ion Ratio Lower Upper

96 100

61 138.7 106.7 160.1

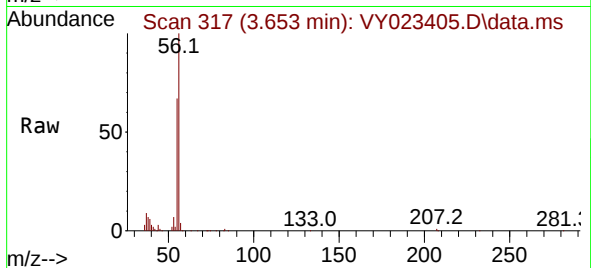
98 64.7 50.2 75.4



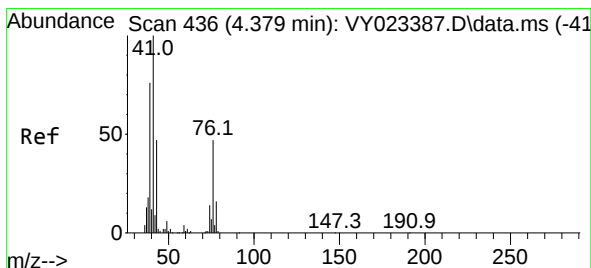
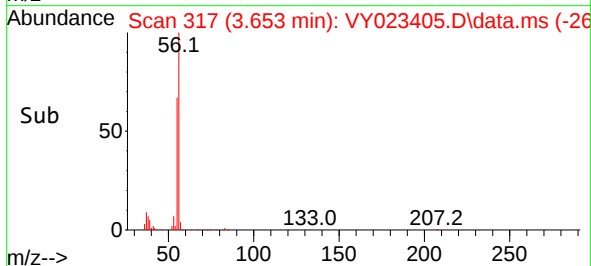
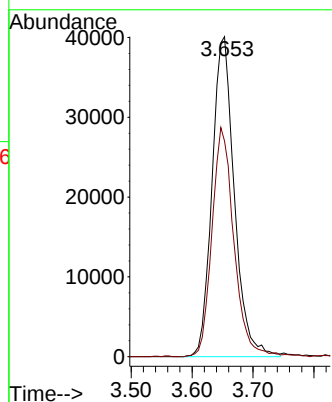


#13
Acrolein
Concen: 207.022 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023405.D
Acq: 08 Oct 2025 16:12

Instrument :
MSVOA_Y
ClientSampleId :

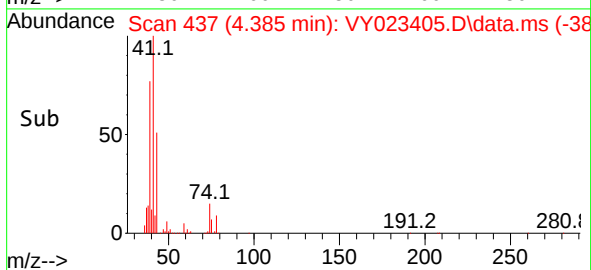
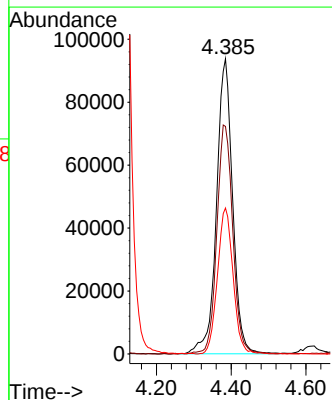
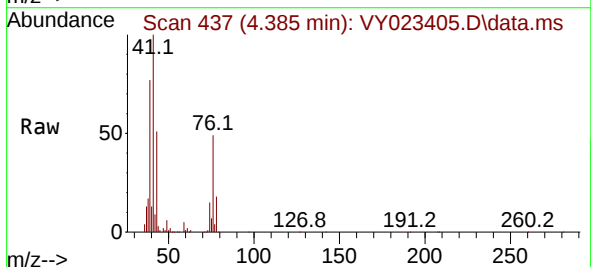


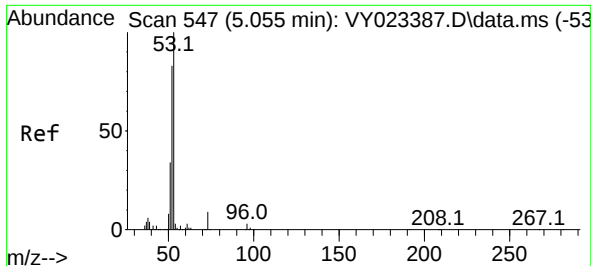
Tgt Ion: 56 Resp: 101776
Ion Ratio Lower Upper
56 100
55 70.9 56.1 84.1



#14
Allyl chloride
Concen: 46.143 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023405.D
Acq: 08 Oct 2025 16:12

Tgt Ion: 41 Resp: 280549
Ion Ratio Lower Upper
41 100
39 76.6 59.9 89.9
76 47.9 38.0 57.0

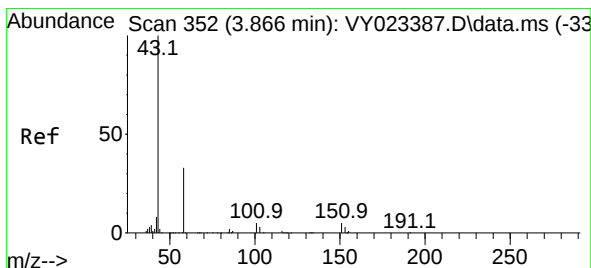
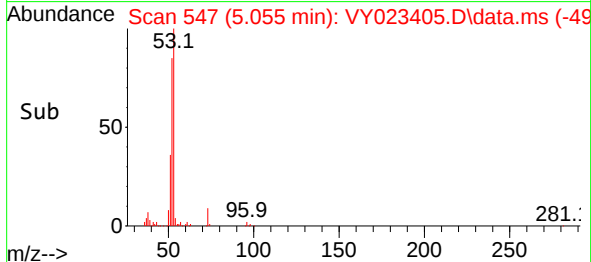
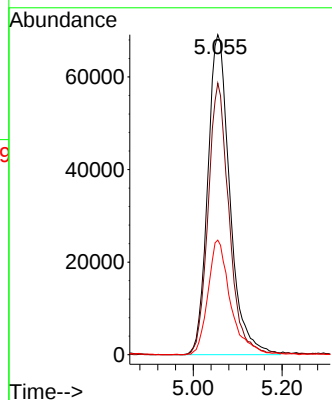
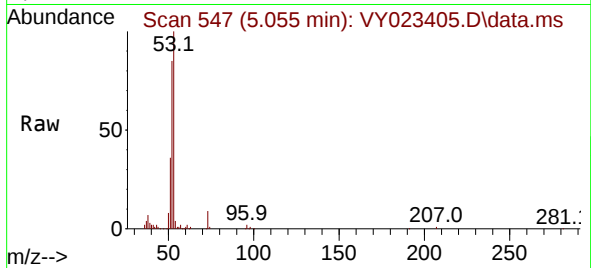




#15
Acrylonitrile
Concen: 240.671 ug/l
RT: 5.055 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY023405.D
Acq: 08 Oct 2025 16:12

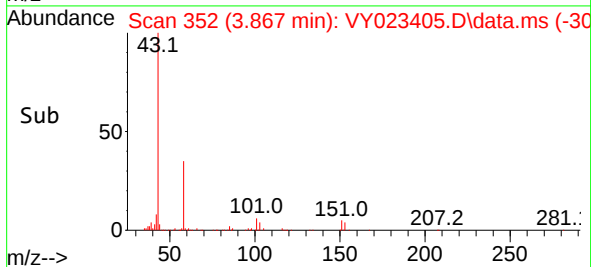
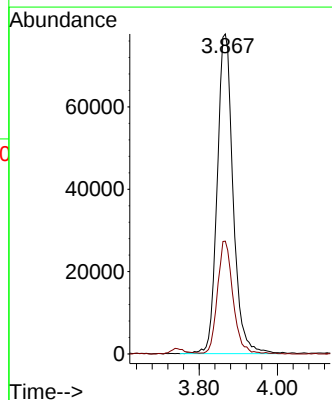
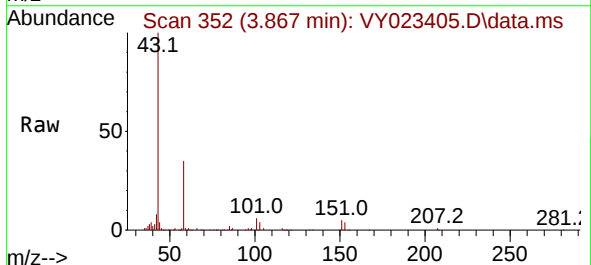
Instrument :
MSVOA_Y
ClientSampleId :

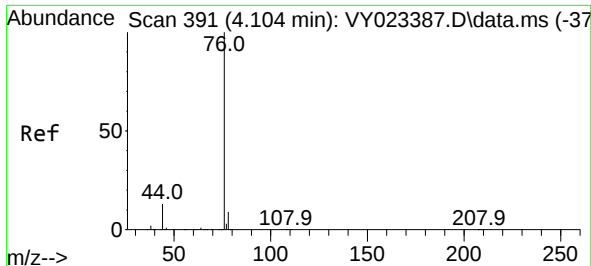
Tgt Ion: 53 Resp: 238686
Ion Ratio Lower Upper
53 100
52 80.1 64.6 97.0
51 36.7 29.5 44.3



#16
Acetone
Concen: 196.662 ug/l
RT: 3.867 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY023405.D
Acq: 08 Oct 2025 16:12

Tgt Ion: 43 Resp: 218960
Ion Ratio Lower Upper
43 100
58 35.1 27.7 41.5

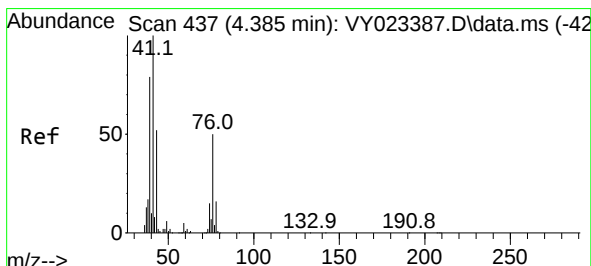
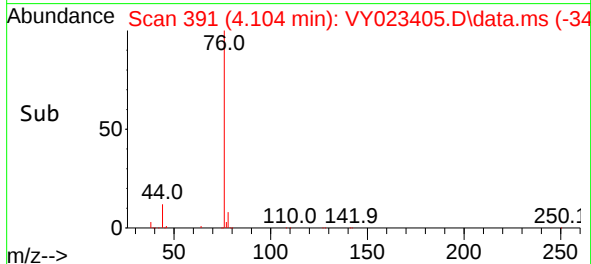
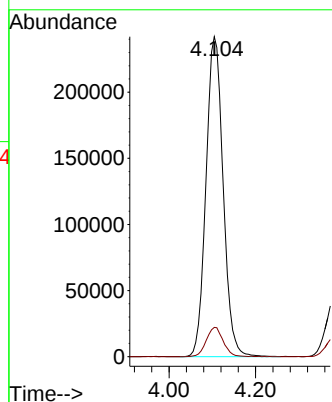
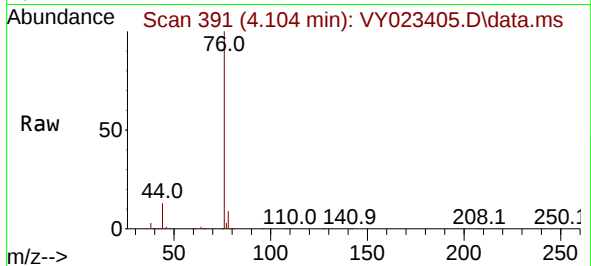




#17
Carbon Disulfide
Concen: 46.568 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY023405.D
Acq: 08 Oct 2025 16:12

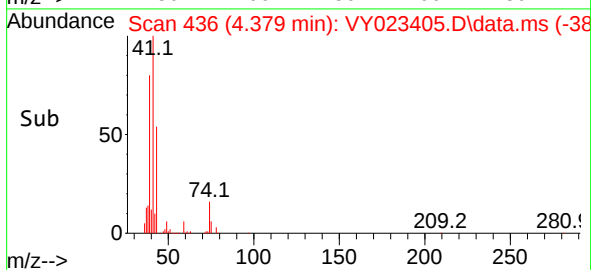
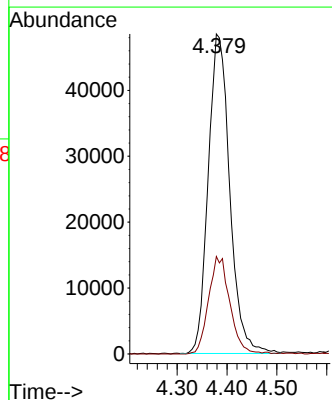
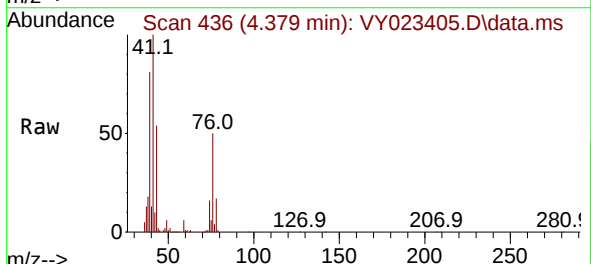
Instrument :
MSVOA_Y
ClientSampleId :

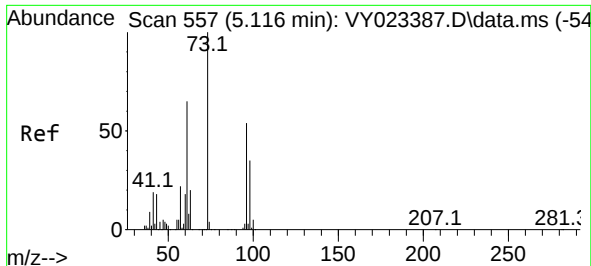
Tgt Ion: 76 Resp: 664923
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 49.724 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY023405.D
Acq: 08 Oct 2025 16:12

Tgt Ion: 43 Resp: 145225
Ion Ratio Lower Upper
43 100
74 30.0 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 48.413 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

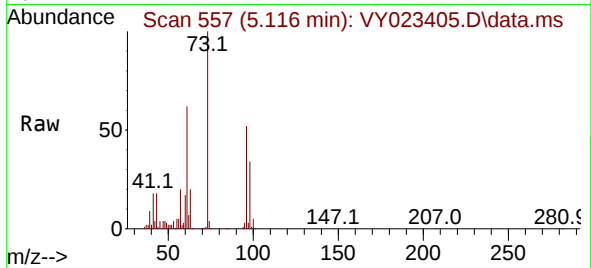
Lab File: VY023405.D

Acq: 08 Oct 2025 16:12

Instrument :

MSVOA_Y

ClientSampleId :

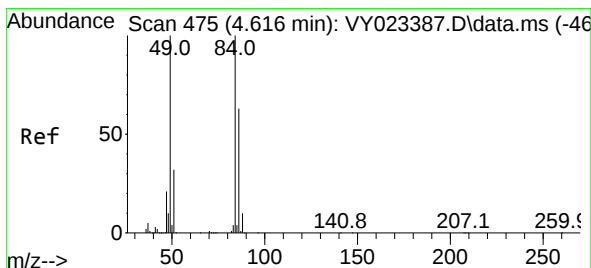
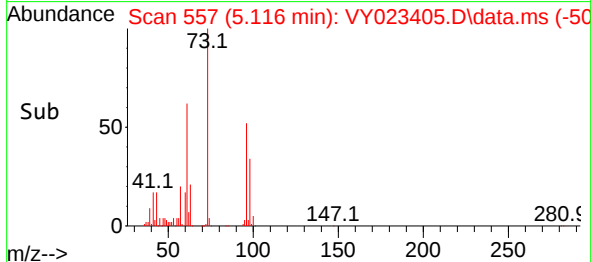
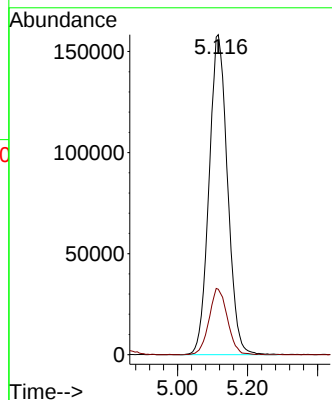


Tgt Ion: 73 Resp: 580492

Ion Ratio Lower Upper

73 100

57 20.5 17.4 26.0



#20

Methylene Chloride

Concen: 42.464 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY023405.D

Acq: 08 Oct 2025 16:12

Tgt Ion: 84 Resp: 255655

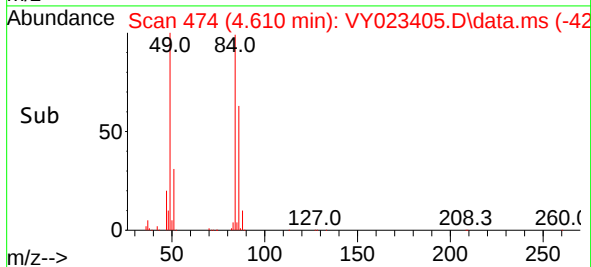
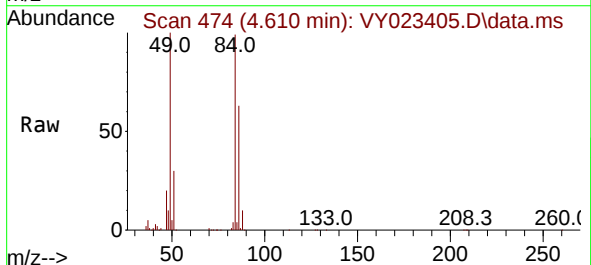
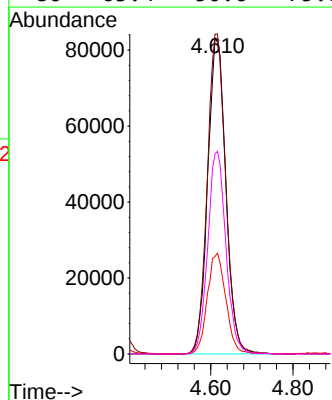
Ion Ratio Lower Upper

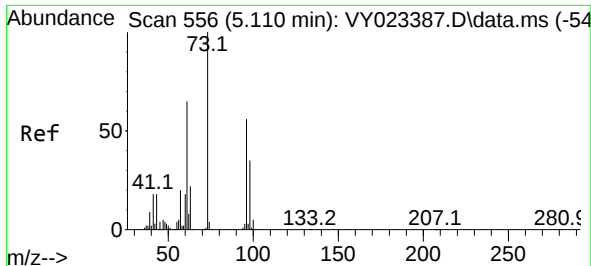
84 100

49 101.3 80.2 120.4

51 30.9 25.9 38.9

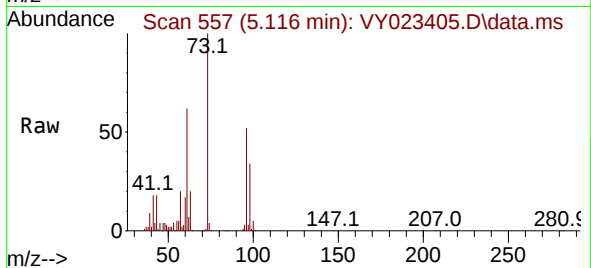
86 63.4 50.6 75.8



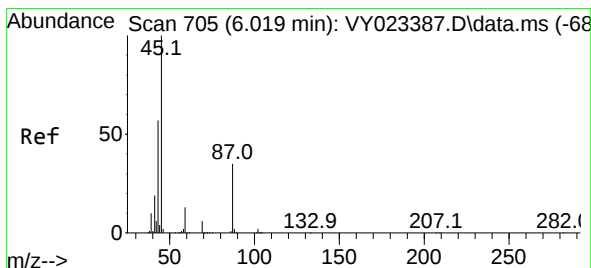
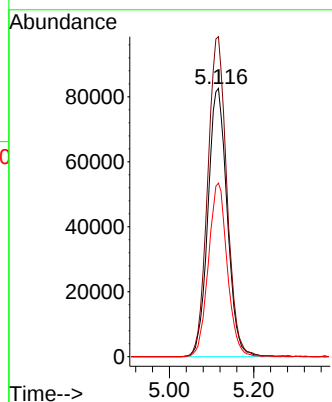
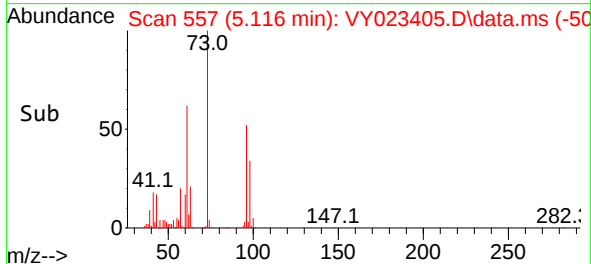


#21
trans-1,2-Dichloroethene
Concen: 47.655 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023405.D
Acq: 08 Oct 2025 16:12

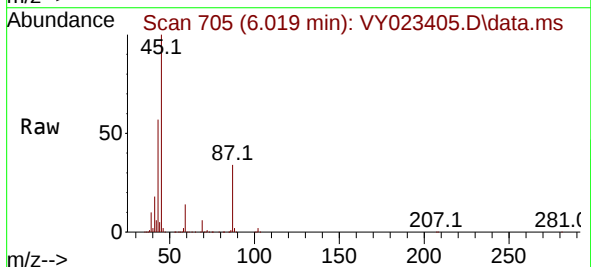
Instrument :
MSVOA_Y
ClientSampleId :



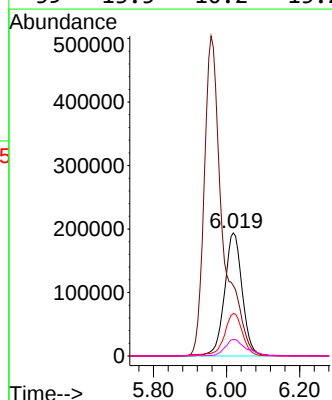
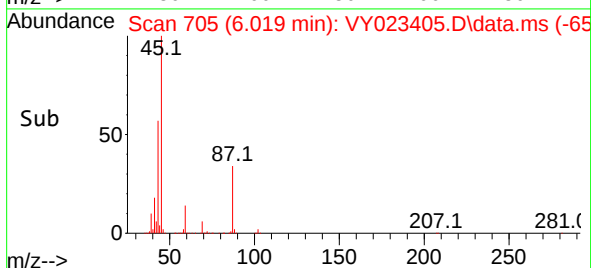
Tgt Ion: 96 Resp: 261747
Ion Ratio Lower Upper
96 100
61 119.3 92.7 139.1
98 64.7 49.7 74.5



#22
Diisopropyl ether
Concen: 48.224 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023405.D
Acq: 08 Oct 2025 16:12



Tgt Ion: 45 Resp: 648558
Ion Ratio Lower Upper
45 100
43 57.2 45.6 68.4
87 34.4 28.1 42.1
59 13.5 10.2 15.2

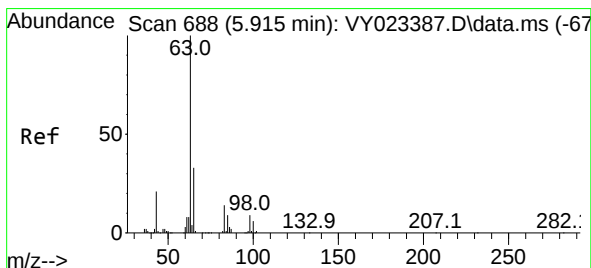
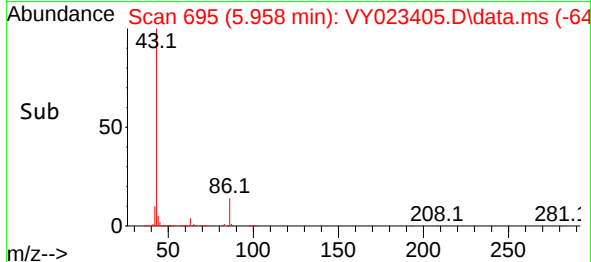
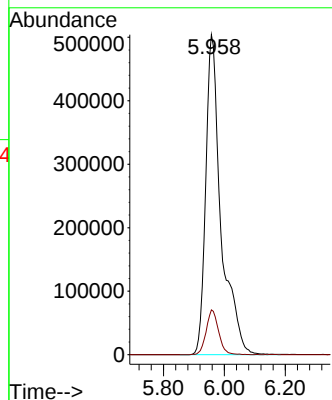
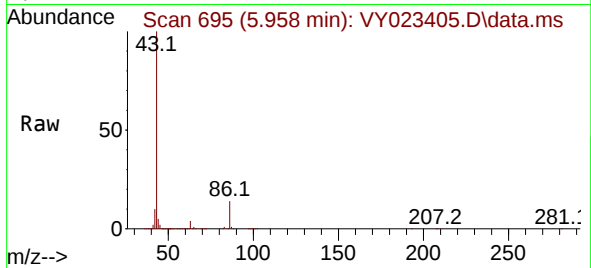




#23
 Vinyl Acetate
 Concen: 241.651 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY023405.D
 Acq: 08 Oct 2025 16:12

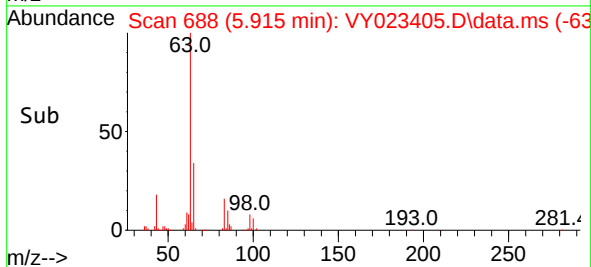
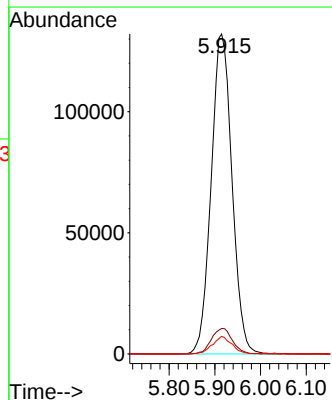
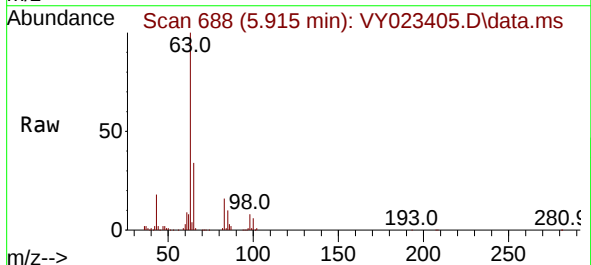
Instrument :
 MSVOA_Y
 ClientSampleId :

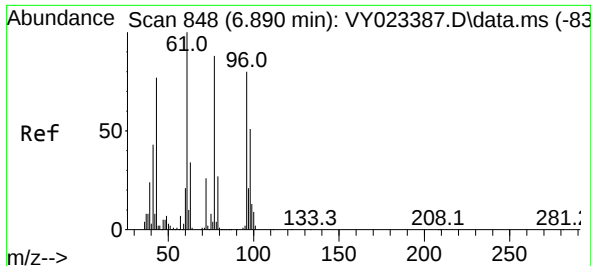
Tgt Ion: 43 Resp: 1759104
 Ion Ratio Lower Upper
 43 100
 86 14.0 10.6 15.8



#24
 1,1-Dichloroethane
 Concen: 46.982 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY023405.D
 Acq: 08 Oct 2025 16:12

Tgt Ion: 63 Resp: 418546
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.3 13.1
 100 5.5 2.8 8.4





#25

2-Butanone

Concen: 218.731 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY023405.D

Acq: 08 Oct 2025 16:12

Instrument :

MSVOA_Y

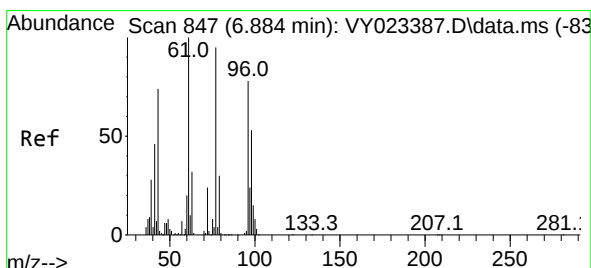
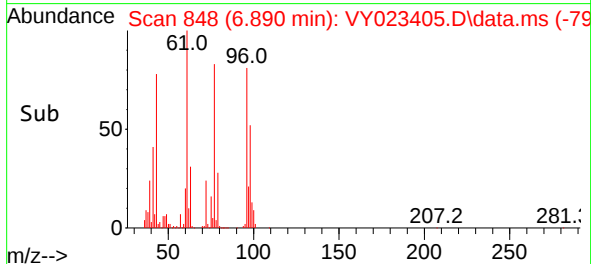
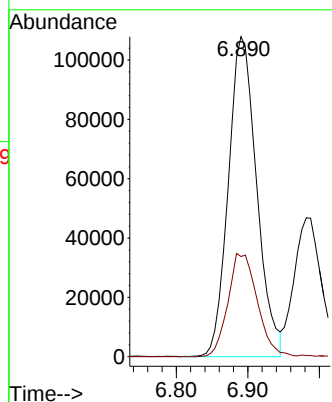
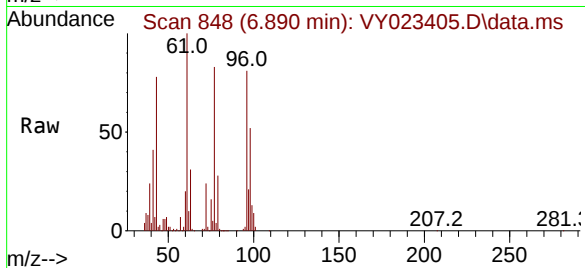
ClientSampleId :

Tgt Ion: 43 Resp: 297313

Ion Ratio Lower Upper

43 100

72 31.3 27.4 41.2



#26

2,2-Dichloropropane

Concen: 45.942 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY023405.D

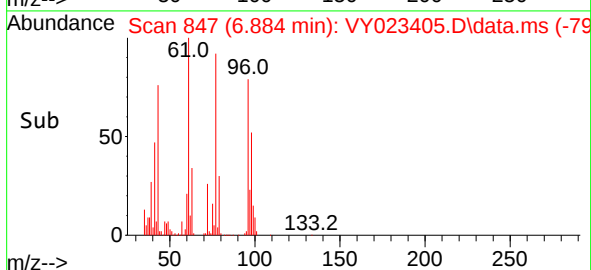
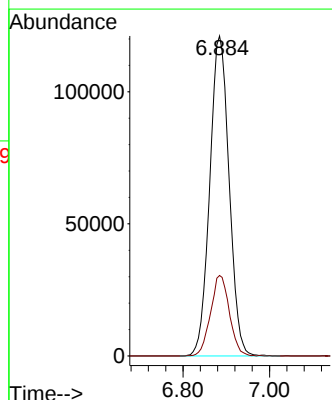
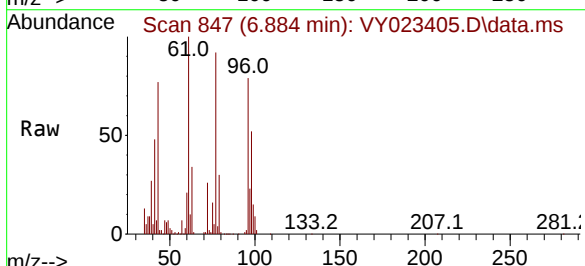
Acq: 08 Oct 2025 16:12

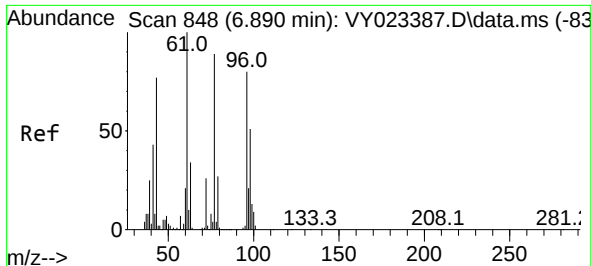
Tgt Ion: 77 Resp: 375553

Ion Ratio Lower Upper

77 100

97 24.5 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 48.009 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

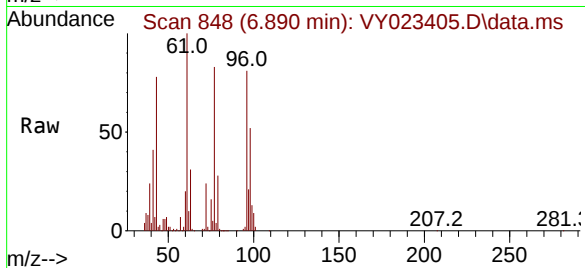
Lab File: VY023405.D

Acq: 08 Oct 2025 16:12

Instrument :

MSVOA_Y

ClientSampleId :



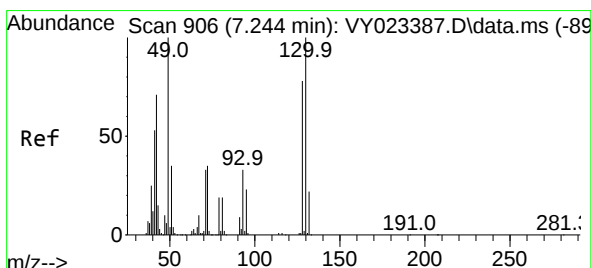
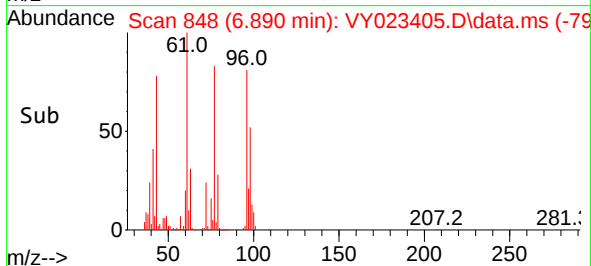
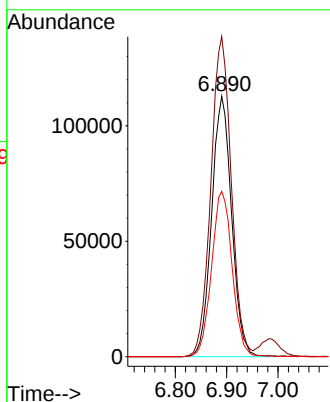
Tgt Ion: 96 Resp: 304599

Ion Ratio Lower Upper

96 100

61 125.7 0.0 258.2

98 65.3 0.0 132.0



#28

Bromochloromethane

Concen: 45.666 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY023405.D

Acq: 08 Oct 2025 16:12

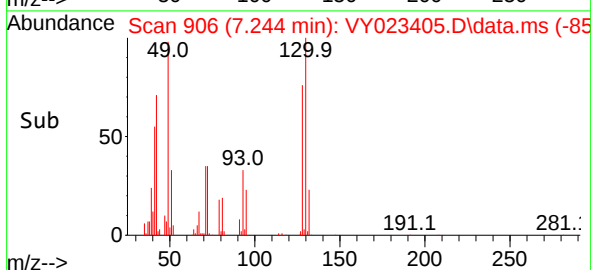
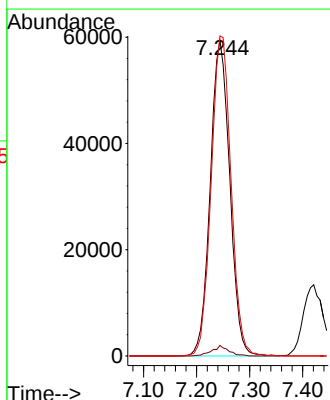
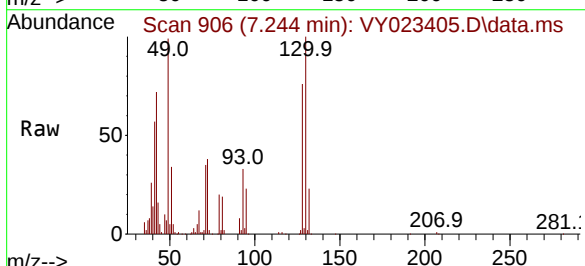
Tgt Ion: 49 Resp: 151870

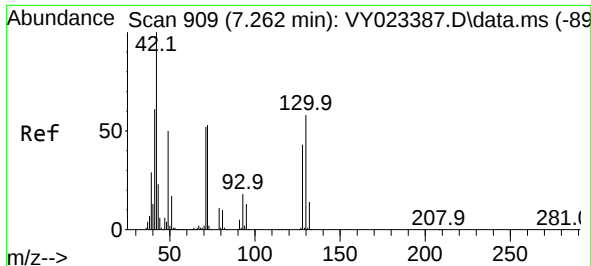
Ion Ratio Lower Upper

49 100

129 2.8 0.0 5.6

130 103.0 81.9 122.9





#29

Tetrahydrofuran

Concen: 240.396 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY023405.D

Acq: 08 Oct 2025 16:12

Instrument :

MSVOA_Y

ClientSampleId :

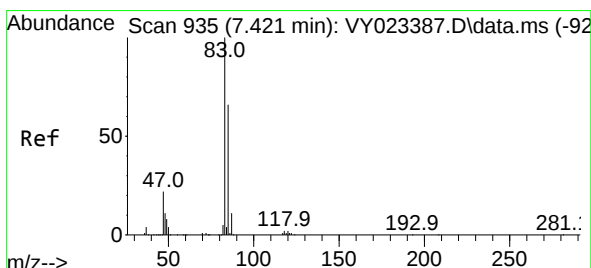
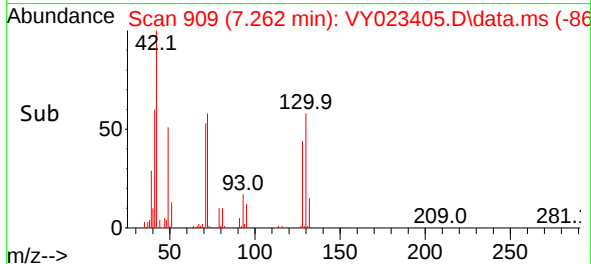
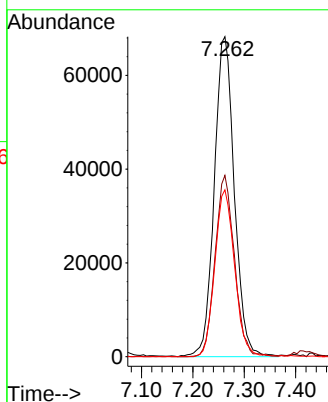
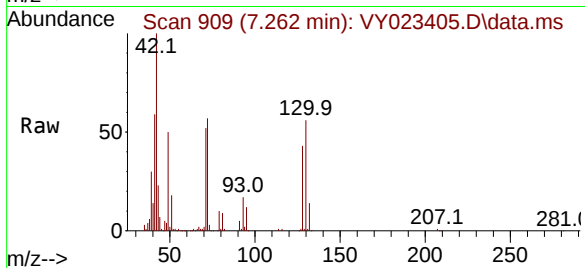
Tgt Ion: 42 Resp: 185296

Ion Ratio Lower Upper

42 100

72 54.7 43.0 64.6

71 51.3 40.1 60.1



#30

Chloroform

Concen: 47.713 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY023405.D

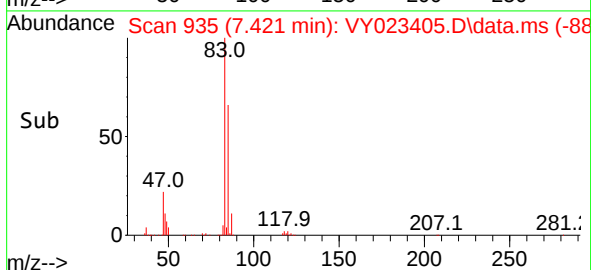
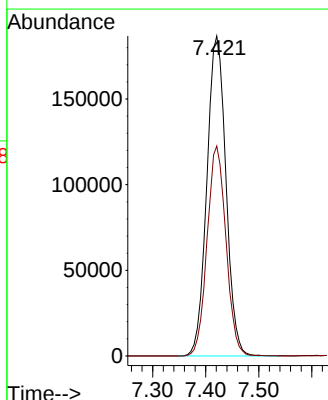
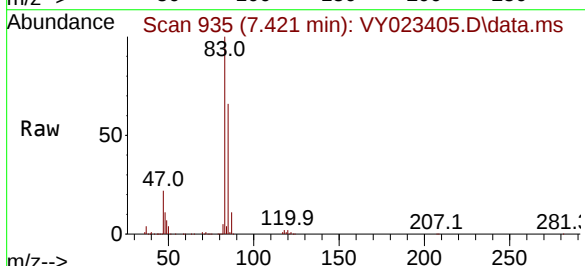
Acq: 08 Oct 2025 16:12

Tgt Ion: 83 Resp: 467006

Ion Ratio Lower Upper

83 100

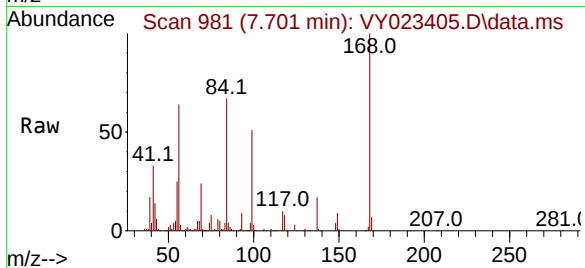
85 65.6 52.5 78.7



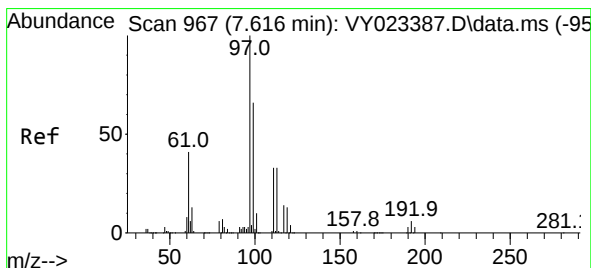
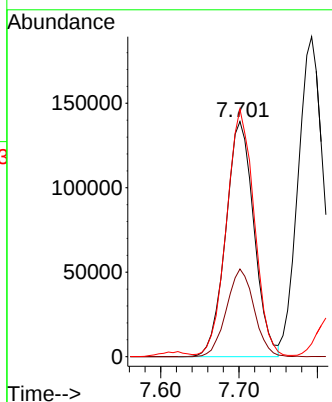
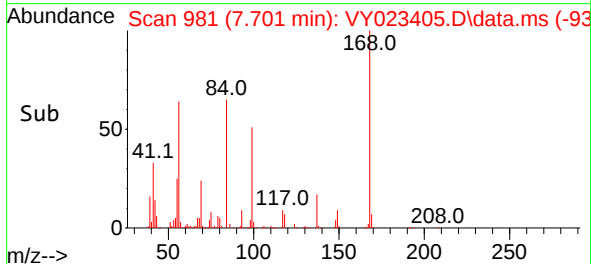


#31
Cyclohexane
Concen: 44.864 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY023405.D
Acq: 08 Oct 2025 16:12

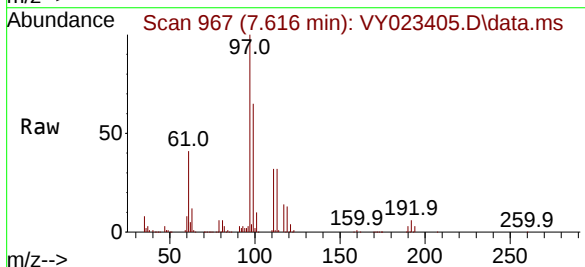
Instrument :
MSVOA_Y
ClientSampleId :



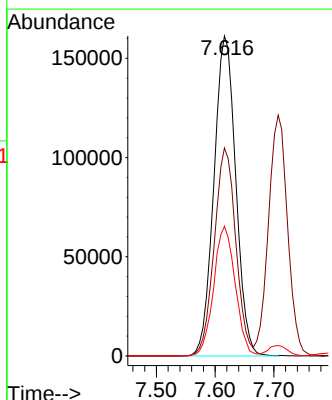
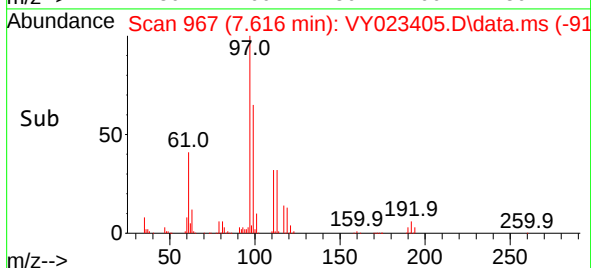
Tgt Ion: 56 Resp: 349035
Ion Ratio Lower Upper
56 100
69 37.3 30.0 45.0
84 103.1 81.2 121.8

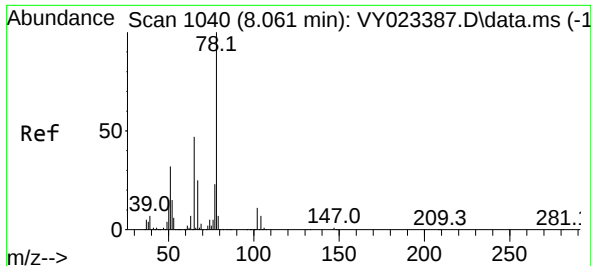


#32
1,1,1-Trichloroethane
Concen: 46.953 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023405.D
Acq: 08 Oct 2025 16:12



Tgt Ion: 97 Resp: 417635
Ion Ratio Lower Upper
97 100
99 64.0 51.4 77.2
61 39.9 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 46.932 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY023405.D

Acq: 08 Oct 2025 16:12

Instrument :

MSVOA_Y

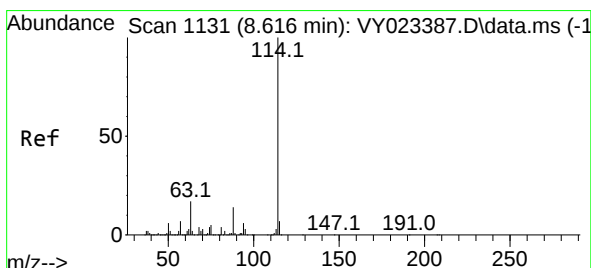
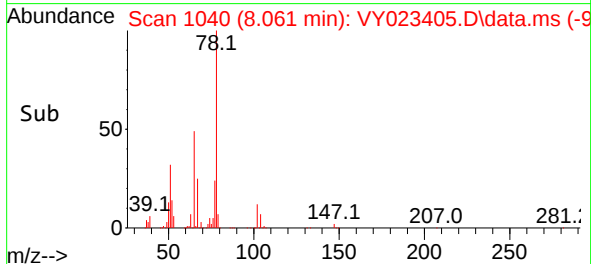
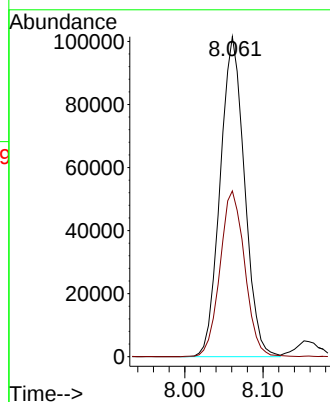
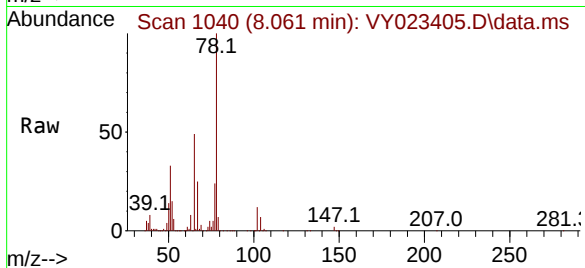
ClientSampleId :

Tgt Ion: 65 Resp: 219486

Ion Ratio Lower Upper

65 100

67 52.6 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY023405.D

Acq: 08 Oct 2025 16:12

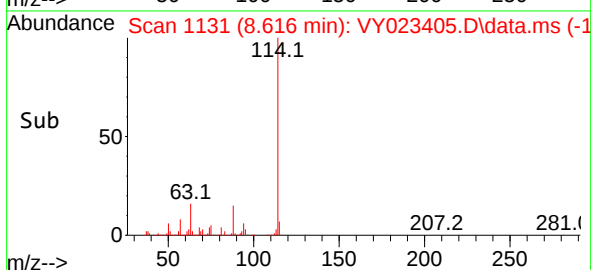
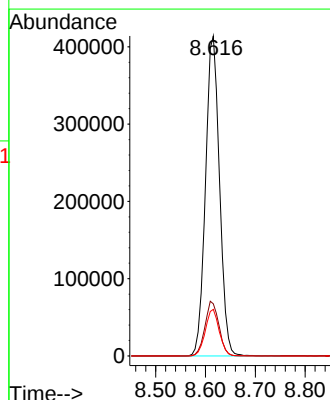
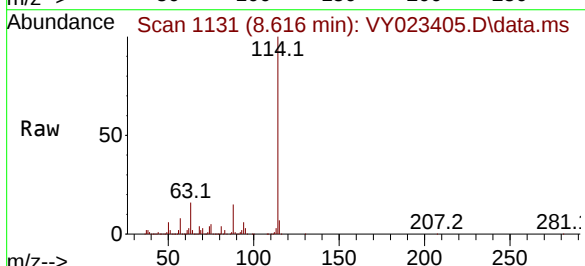
Tgt Ion: 114 Resp: 807334

Ion Ratio Lower Upper

114 100

63 16.3 0.0 34.2

88 14.6 0.0 28.4

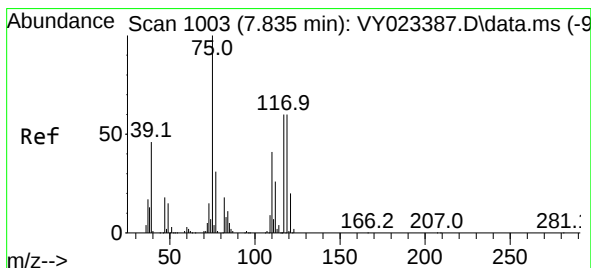
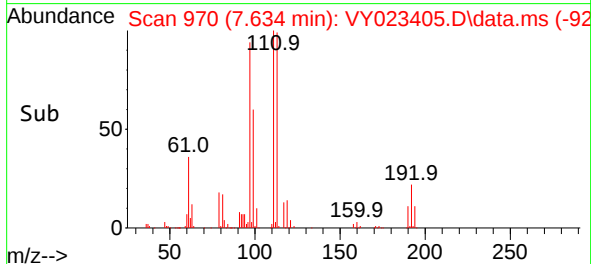
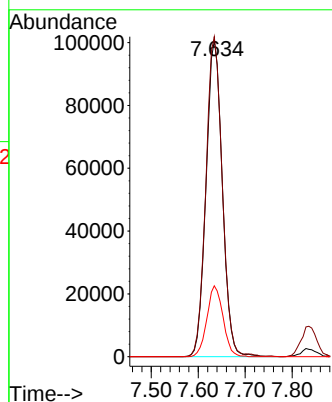
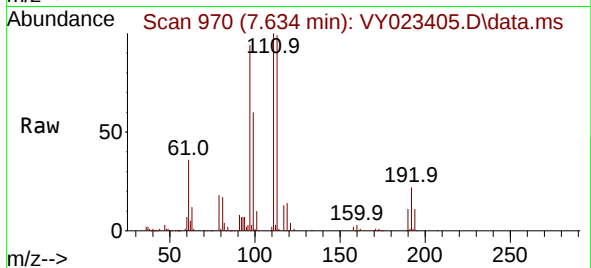




#35
Dibromofluoromethane
Concen: 48.665 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023405.D
Acq: 08 Oct 2025 16:12

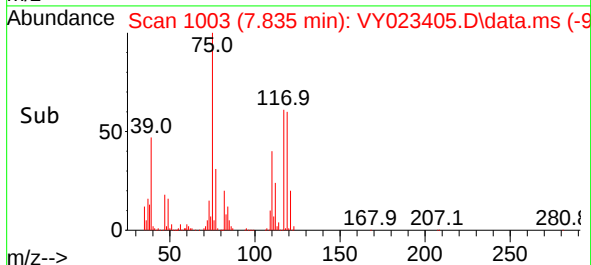
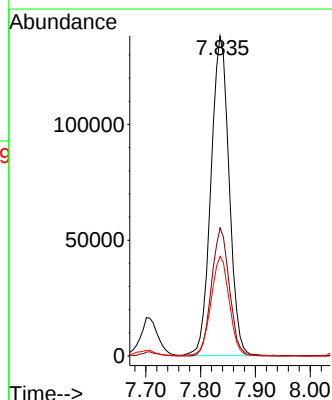
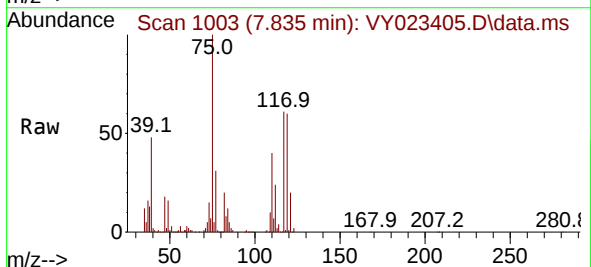
Instrument :
MSVOA_Y
ClientSampleId :

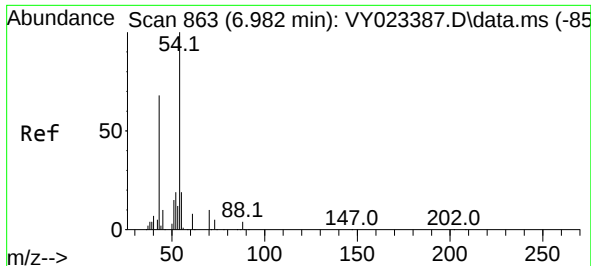
Tgt Ion:113 Resp: 241410
Ion Ratio Lower Upper
113 100
111 101.8 81.8 122.6
192 22.2 18.0 27.0



#36
1,1-Dichloropropene
Concen: 48.340 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY023405.D
Acq: 08 Oct 2025 16:12

Tgt Ion: 75 Resp: 317468
Ion Ratio Lower Upper
75 100
110 39.3 19.9 59.7
77 31.5 25.0 37.6

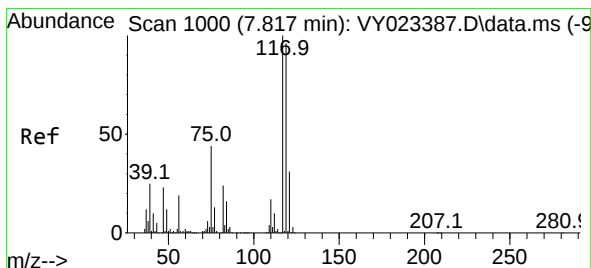
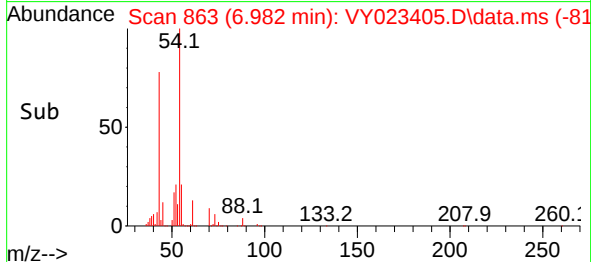
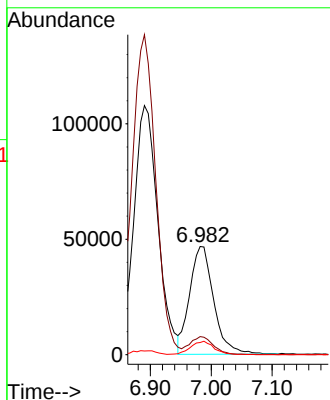
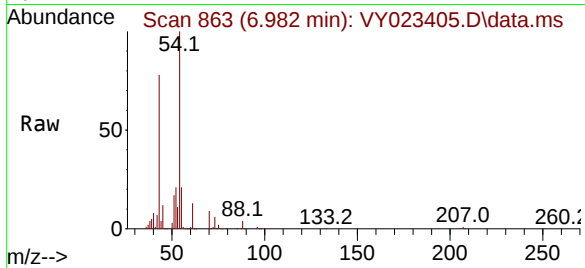




#37
Ethyl Acetate
Concen: 49.145 ug/l
RT: 6.982 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY023405.D
Acq: 08 Oct 2025 16:12

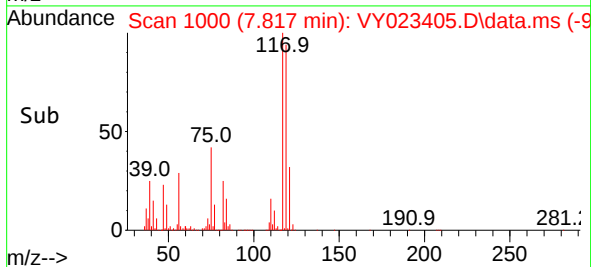
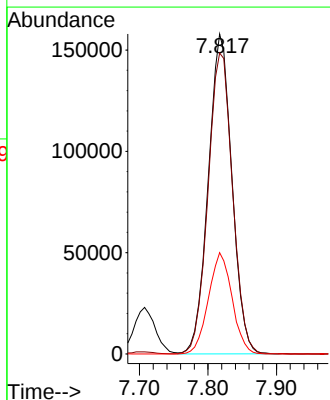
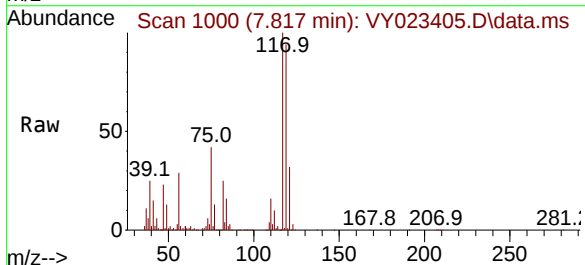
Instrument :
MSVOA_Y
ClientSampleId :

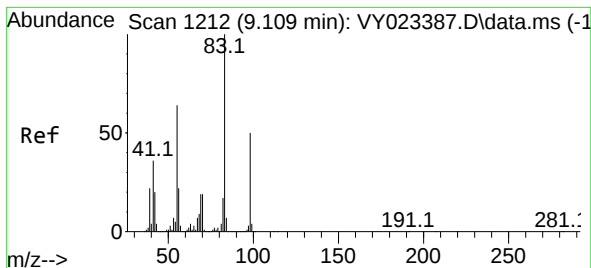
Tgt Ion: 43 Resp: 127867
Ion Ratio Lower Upper
43 100
61 16.7 11.8 17.8
70 12.2 10.5 15.7



#38
Carbon Tetrachloride
Concen: 47.538 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY023405.D
Acq: 08 Oct 2025 16:12

Tgt Ion: 117 Resp: 378560
Ion Ratio Lower Upper
117 100
119 94.0 76.8 115.2
121 31.7 24.5 36.7





#39

Methylcyclohexane

Concen: 49.488 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023405.D

Acq: 08 Oct 2025 16:12

Instrument :

MSVOA_Y

ClientSampleId :

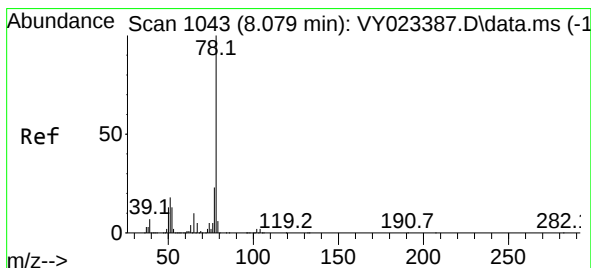
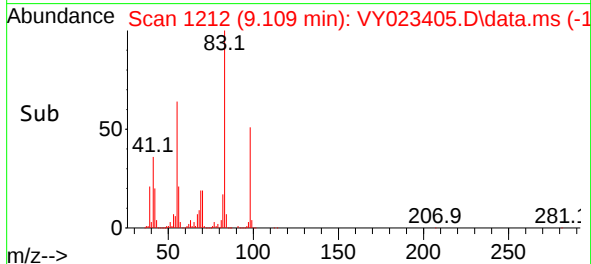
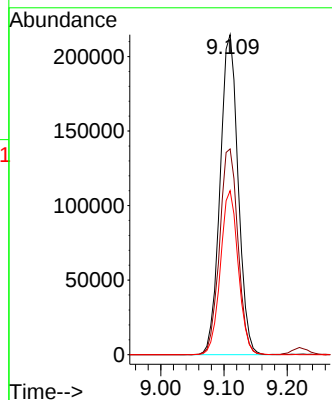
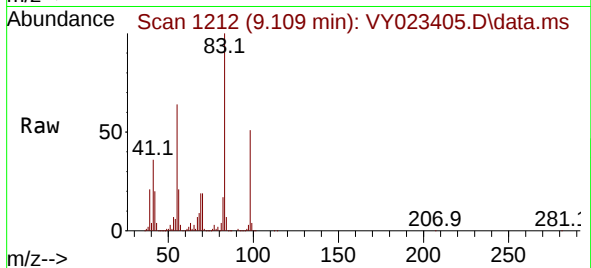
Tgt Ion: 83 Resp: 423167

Ion Ratio Lower Upper

83 100

55 64.3 51.4 77.2

98 51.3 40.4 60.6



#40

Benzene

Concen: 48.330 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY023405.D

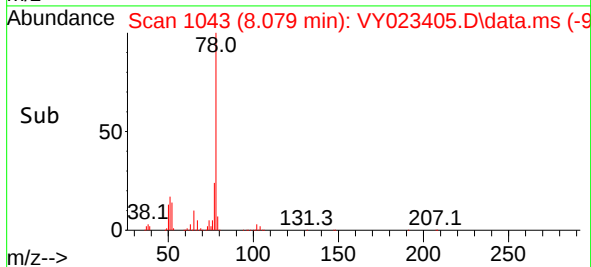
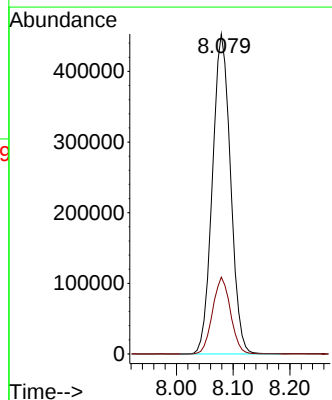
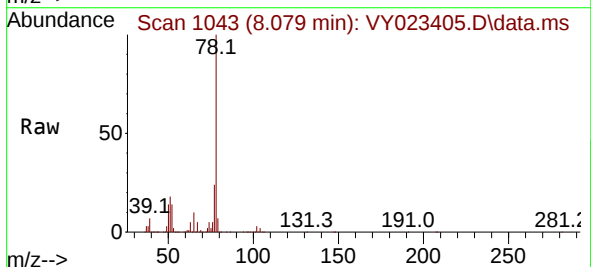
Acq: 08 Oct 2025 16:12

Tgt Ion: 78 Resp: 1005201

Ion Ratio Lower Upper

78 100

77 24.0 18.3 27.5

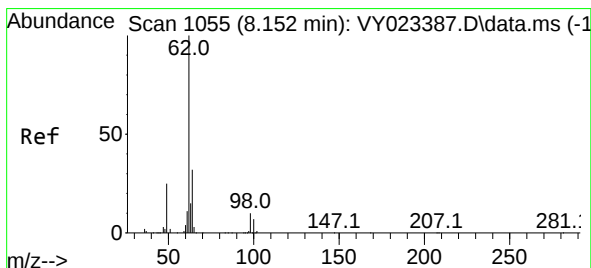
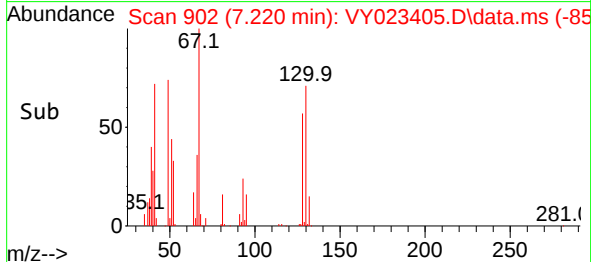
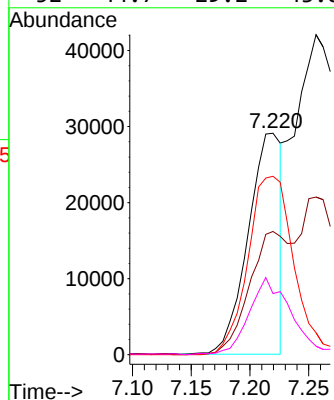
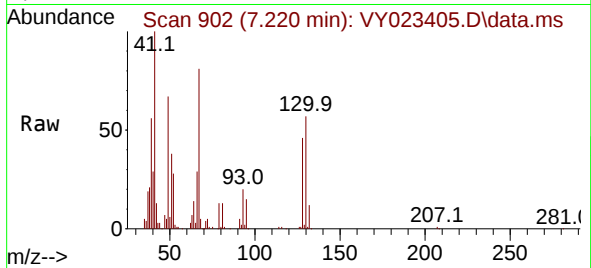




#41
Methacrylonitrile
Concen: 40.712 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY023405.D
Acq: 08 Oct 2025 16:12

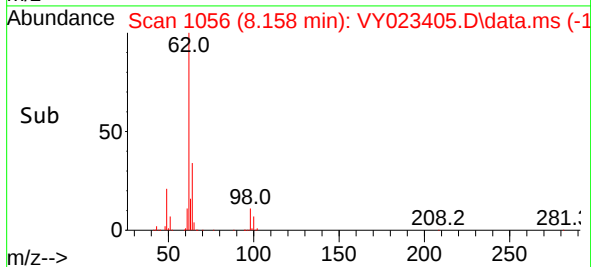
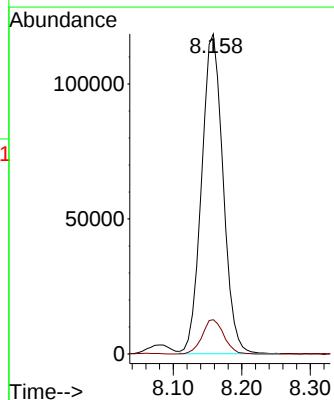
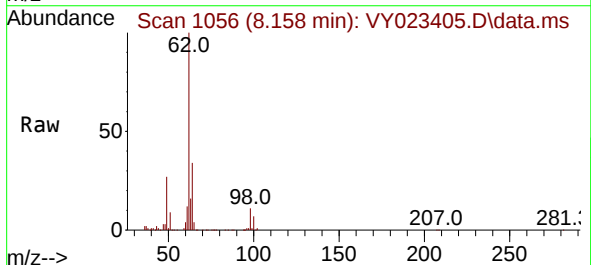
Instrument :
MSVOA_Y
ClientSampleId :

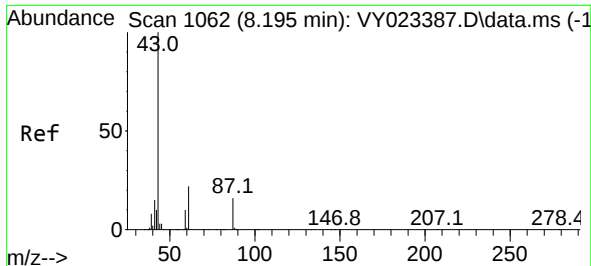
Tgt Ion: 41 Resp: 57289
Ion Ratio Lower Upper
41 100
39 63.5 52.2 78.4
67 111.6 74.9 112.3
52 44.7 29.2 43.8#



#42
1,2-Dichloroethane
Concen: 48.271 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023405.D
Acq: 08 Oct 2025 16:12

Tgt Ion: 62 Resp: 258922
Ion Ratio Lower Upper
62 100
98 10.8 0.0 21.6

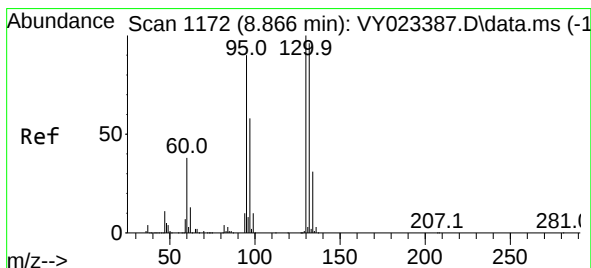
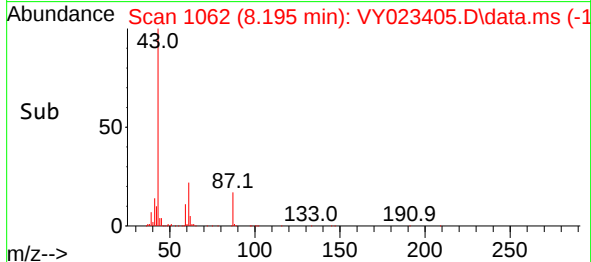
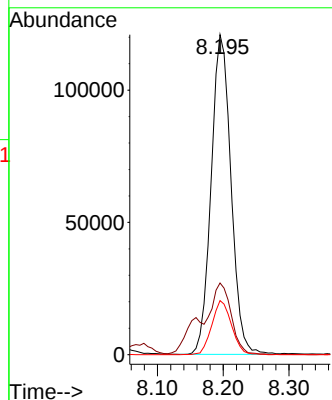
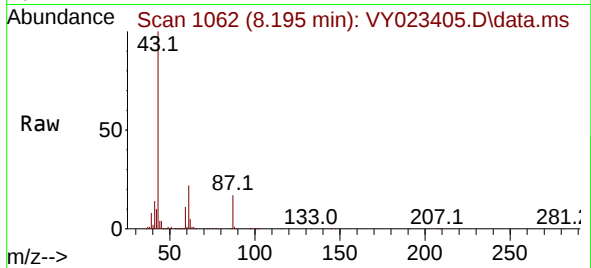




#43
Isopropyl Acetate
Concen: 48.955 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY023405.D
Acq: 08 Oct 2025 16:12

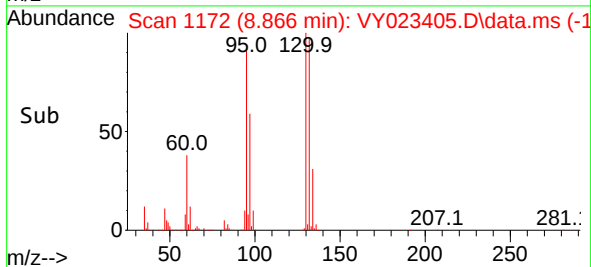
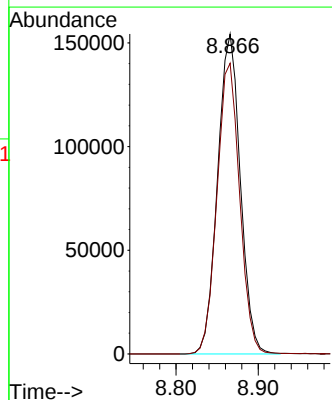
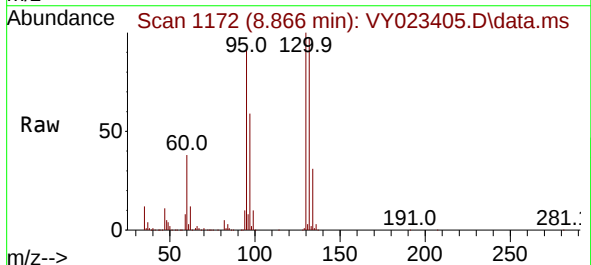
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 253983
Ion Ratio Lower Upper
43 100
61 23.0 18.1 27.1
87 16.8 13.5 20.3



#44
Trichloroethene
Concen: 48.671 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY023405.D
Acq: 08 Oct 2025 16:12

Tgt Ion:130 Resp: 296287
Ion Ratio Lower Upper
130 100
95 90.8 0.0 180.6





#45

1,2-Dichloropropane

Concen: 49.503 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023405.D

Acq: 08 Oct 2025 16:12

Instrument :

MSVOA_Y

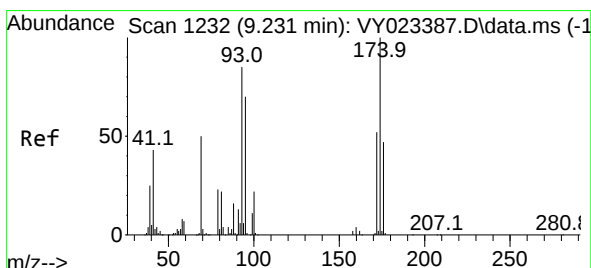
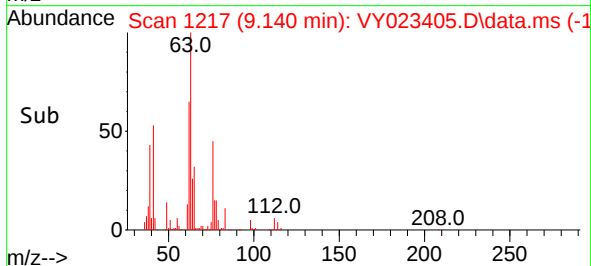
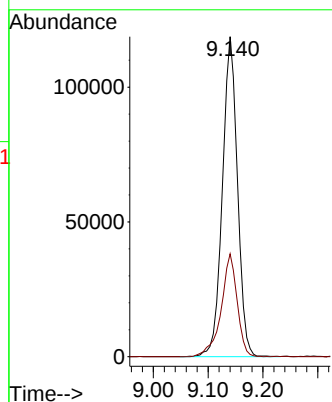
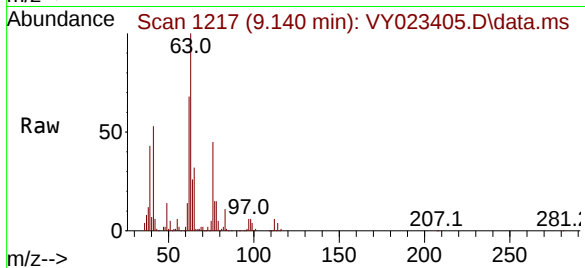
ClientSampleId :

Tgt Ion: 63 Resp: 227410

Ion Ratio Lower Upper

63 100

65 32.2 24.9 37.3



#46

Dibromomethane

Concen: 49.766 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY023405.D

Acq: 08 Oct 2025 16:12

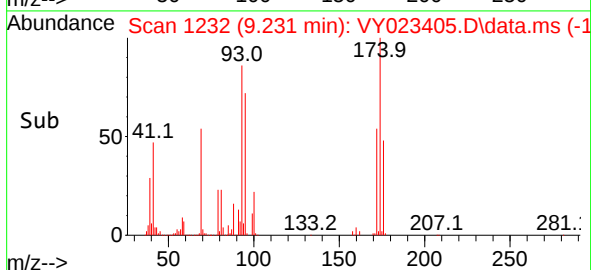
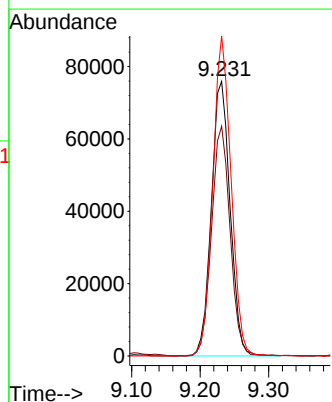
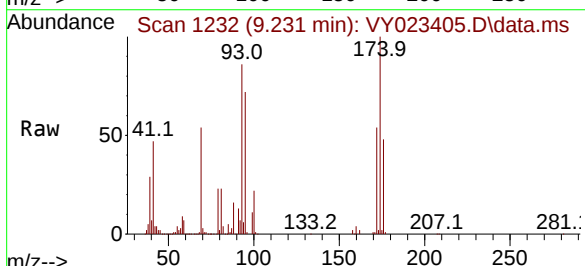
Tgt Ion: 93 Resp: 144563

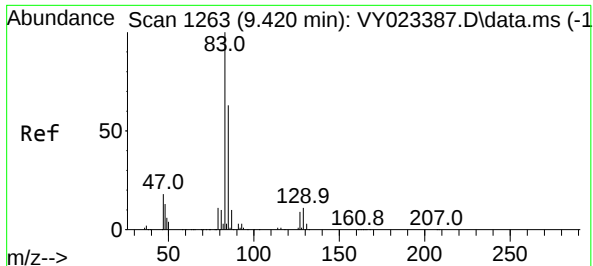
Ion Ratio Lower Upper

93 100

95 83.1 65.4 98.0

174 113.3 92.9 139.3

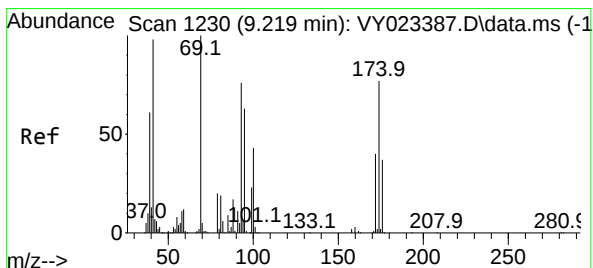
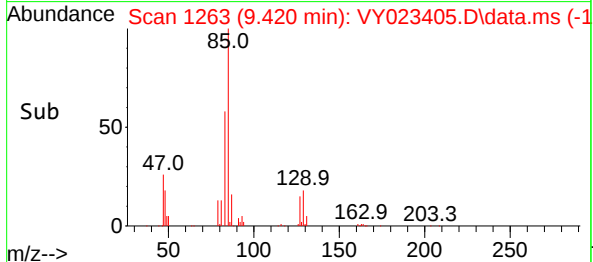
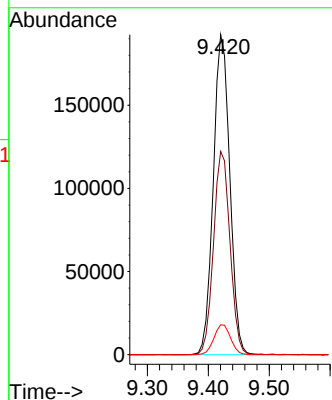
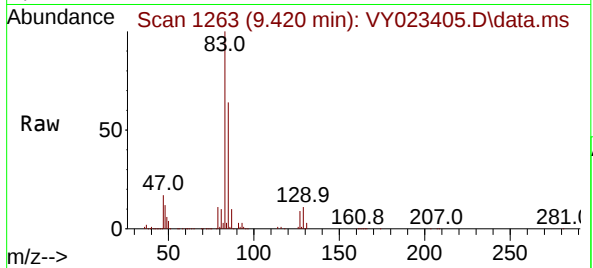




#47
Bromodichloromethane
Concen: 49.462 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY023405.D
Acq: 08 Oct 2025 16:12

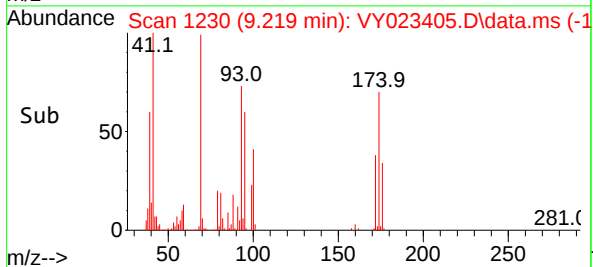
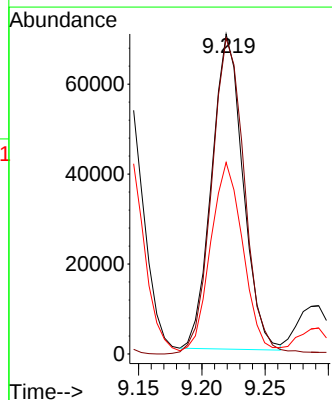
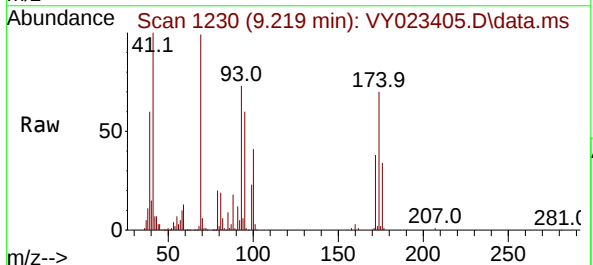
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 83 Resp: 361862
Ion Ratio Lower Upper
83 100
85 63.5 50.8 76.2
127 9.4 7.4 11.2



#48
Methyl methacrylate
Concen: 49.526 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY023405.D
Acq: 08 Oct 2025 16:12

Tgt Ion: 41 Resp: 120712
Ion Ratio Lower Upper
41 100
69 104.8 81.0 121.4
39 60.9 48.2 72.4

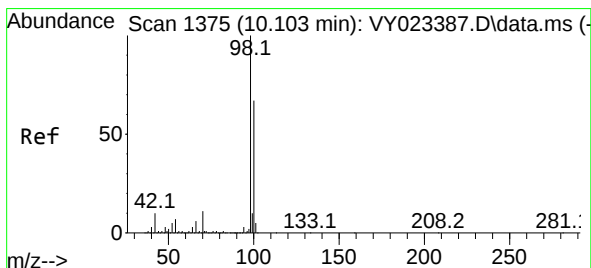
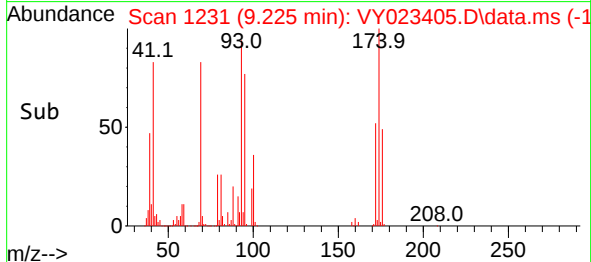
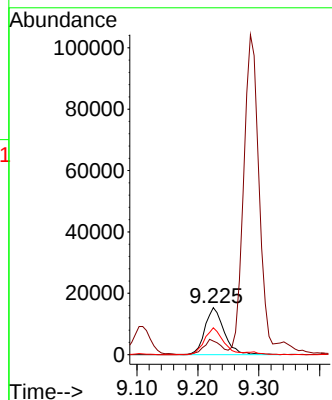
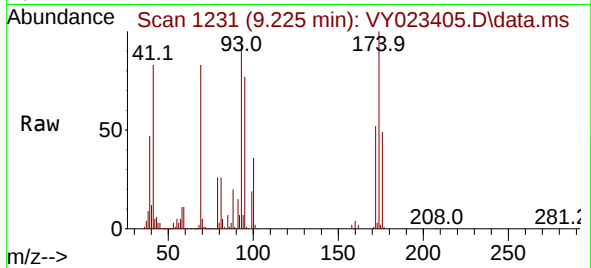




#49
1,4-Dioxane
Concen: 995.972 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY023405.D
Acq: 08 Oct 2025 16:12

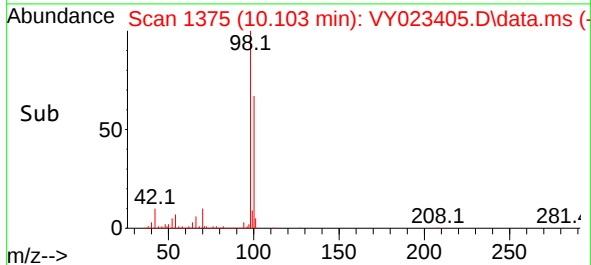
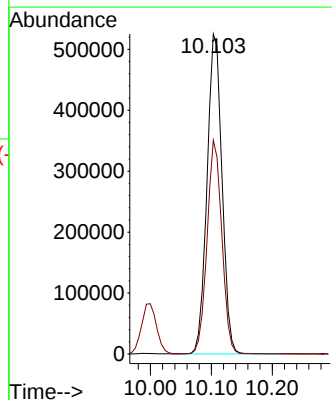
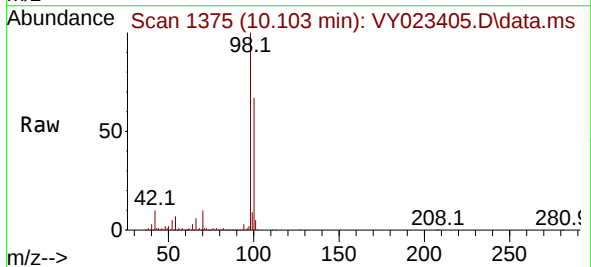
Instrument :
MSVOA_Y
ClientSampleId :

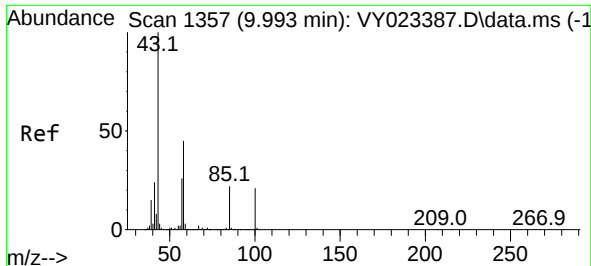
Tgt Ion: 88 Resp: 33544
Ion Ratio Lower Upper
88 100
43 27.8 21.8 32.8
58 55.9 46.8 70.2



#50
Toluene-d8
Concen: 48.601 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY023405.D
Acq: 08 Oct 2025 16:12

Tgt Ion: 98 Resp: 897865
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 255.146 ug/l

RT: 9.993 min Scan# 1357

Delta R.T. 0.000 min

Lab File: VY023405.D

Acq: 08 Oct 2025 16:12

Instrument :

MSVOA_Y

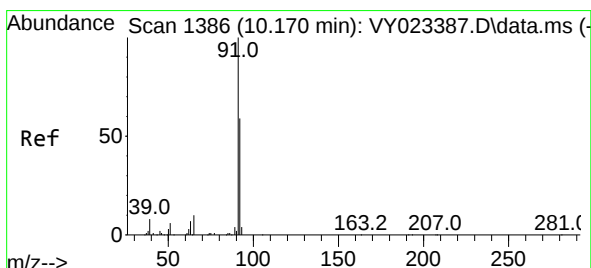
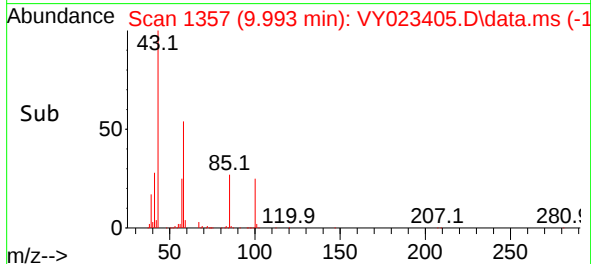
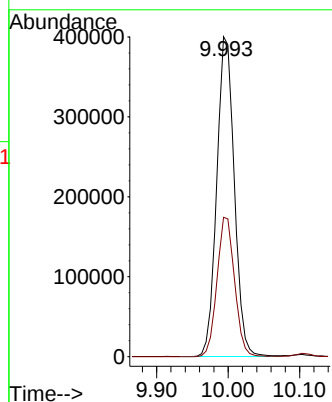
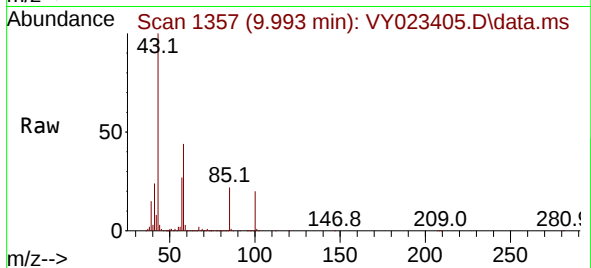
ClientSampleId :

Tgt Ion: 43 Resp: 683923

Ion Ratio Lower Upper

43 100

58 43.7 35.3 52.9



#52

Toluene

Concen: 49.435 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY023405.D

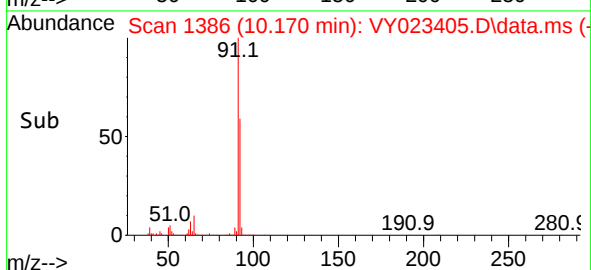
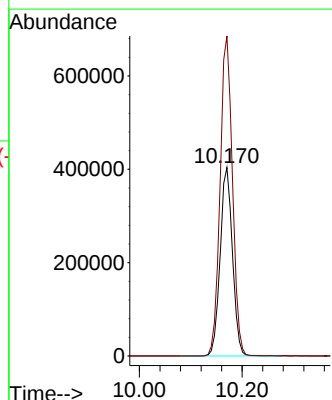
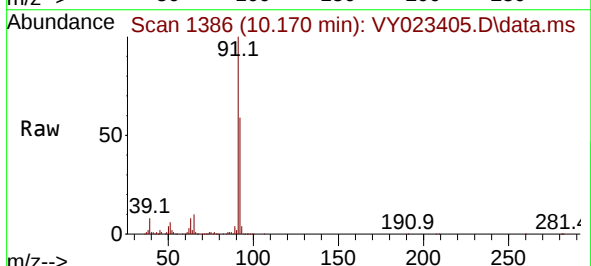
Acq: 08 Oct 2025 16:12

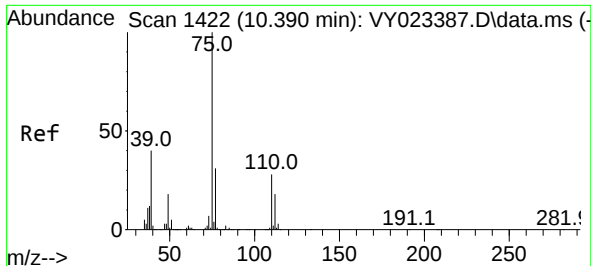
Tgt Ion: 92 Resp: 667575

Ion Ratio Lower Upper

92 100

91 170.8 136.4 204.6

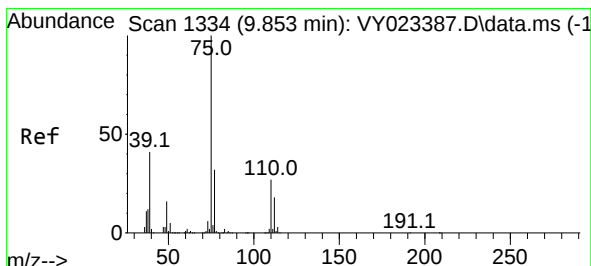
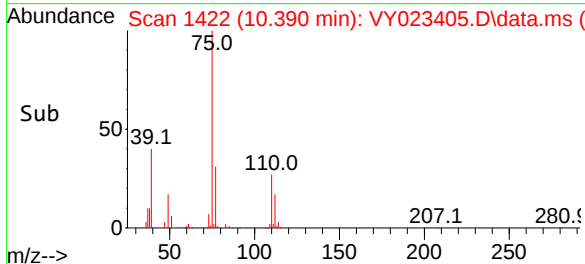
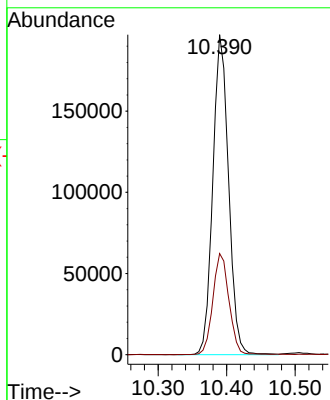
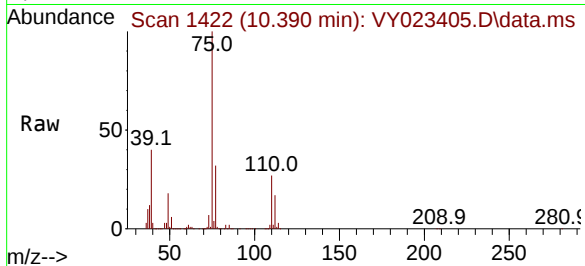




#53
t-1,3-Dichloropropene
Concen: 49.422 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY023405.D
Acq: 08 Oct 2025 16:12

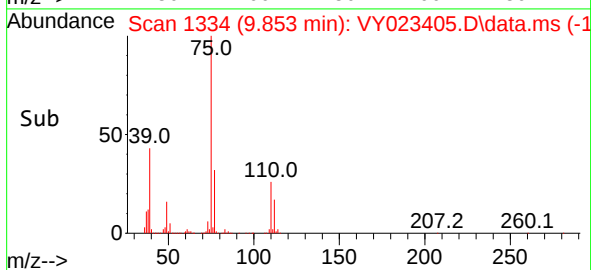
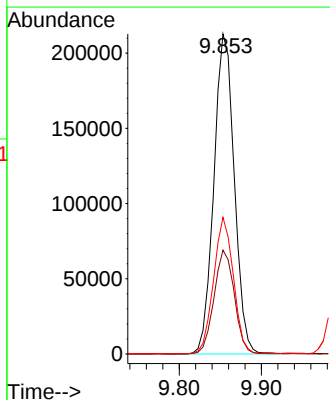
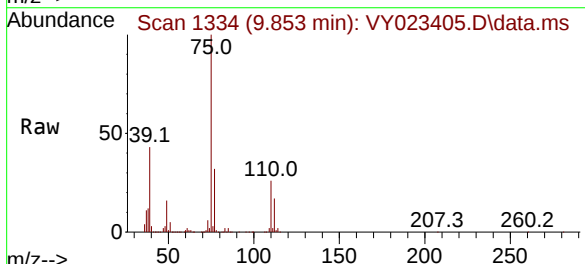
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 314389
Ion Ratio Lower Upper
75 100
77 31.6 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 48.988 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY023405.D
Acq: 08 Oct 2025 16:12

Tgt Ion: 75 Resp: 367795
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.0
39 42.5 32.8 49.2

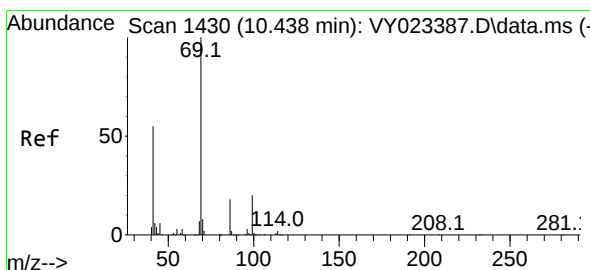
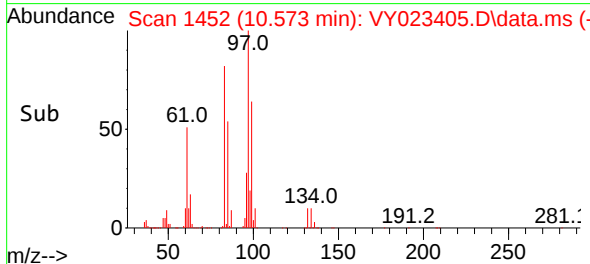
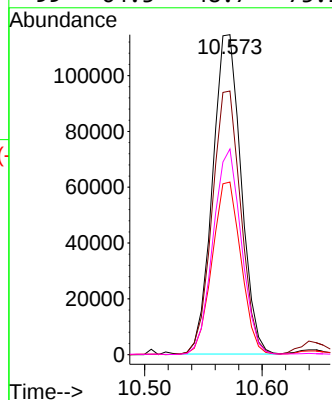
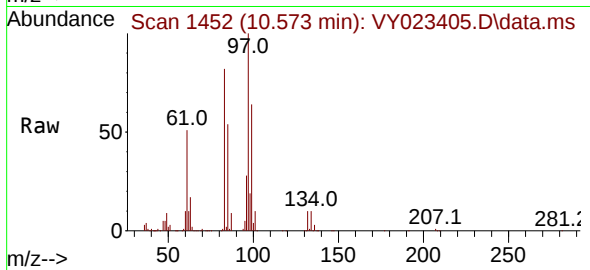




#55
1,1,2-Trichloroethane
Concen: 49.461 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY023405.D
Acq: 08 Oct 2025 16:12

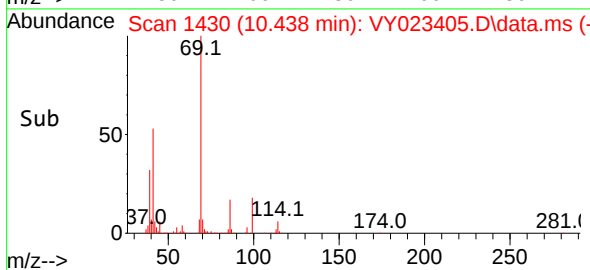
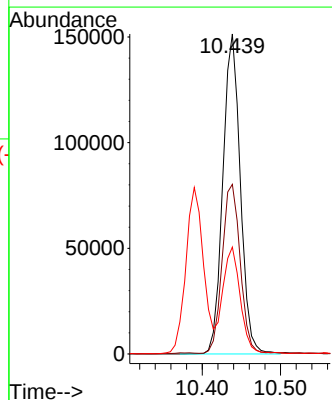
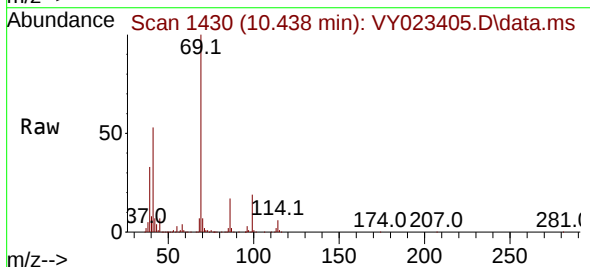
Instrument :
MSVOA_Y
ClientSampleId :

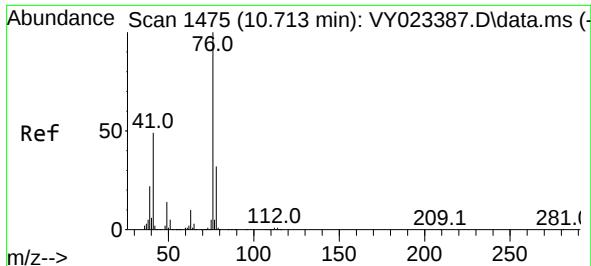
Tgt Ion: 97	Resp: 193209		
Ion	Ratio	Lower	Upper
97	100		
83	82.4	61.8	92.6
85	53.9	41.3	61.9
99	64.3	48.7	73.1



#56
Ethyl methacrylate
Concen: 52.112 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY023405.D
Acq: 08 Oct 2025 16:12

Tgt Ion: 69	Resp: 234816
Ion Ratio	Lower Upper
69 100	
41 54.7	44.6 67.0
39 33.7	27.0 40.4





#57

1,3-Dichloropropane

Concen: 49.664 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY023405.D

Acq: 08 Oct 2025 16:12

Instrument :

MSVOA_Y

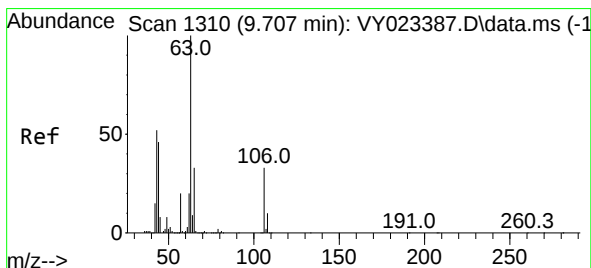
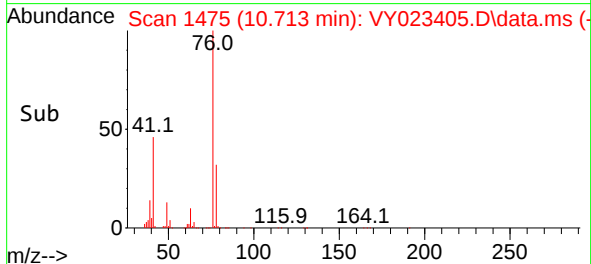
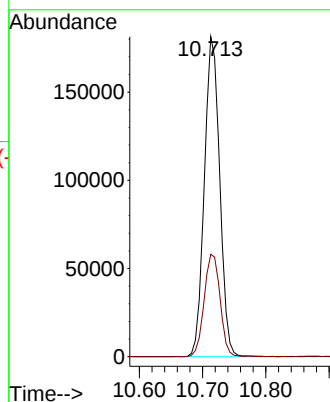
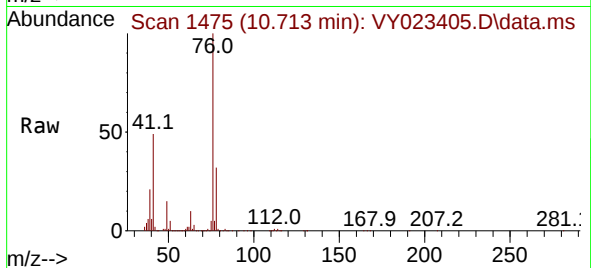
ClientSampleId :

Tgt Ion: 76 Resp: 307420

Ion Ratio Lower Upper

76 100

78 33.3 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 281.828 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY023405.D

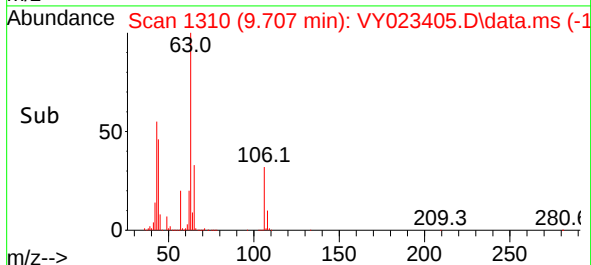
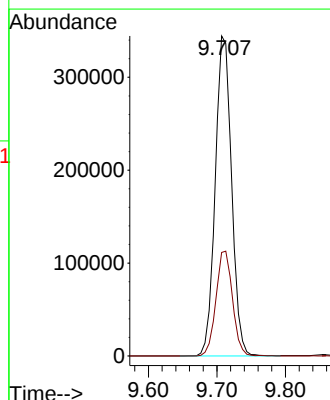
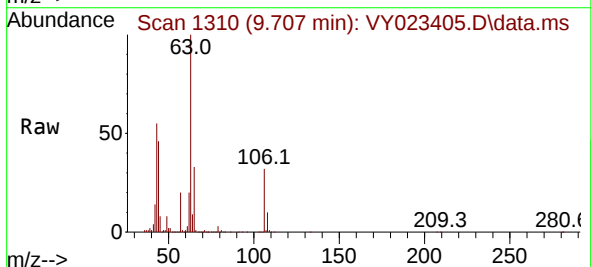
Acq: 08 Oct 2025 16:12

Tgt Ion: 63 Resp: 568885

Ion Ratio Lower Upper

63 100

106 33.1 26.6 39.8





#59

2-Hexanone

Concen: 243.357 ug/l

RT: 10.762 min Scan# 1482

Delta R.T. 0.006 min

Lab File: VY023405.D

Acq: 08 Oct 2025 16:12

Instrument :

MSVOA_Y

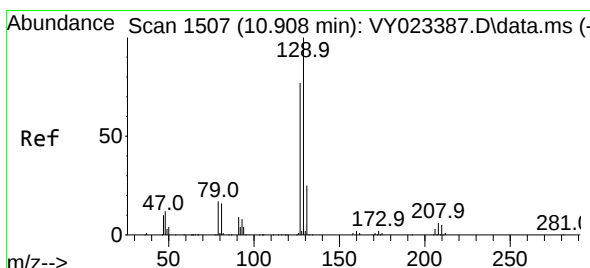
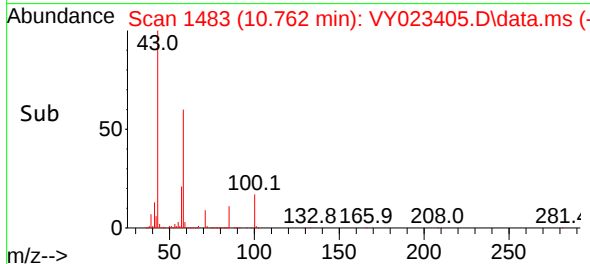
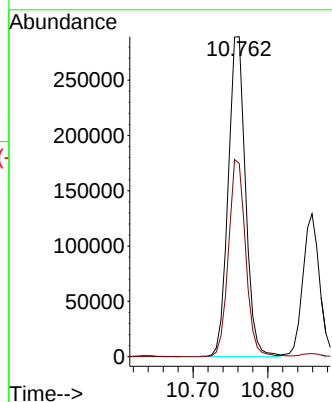
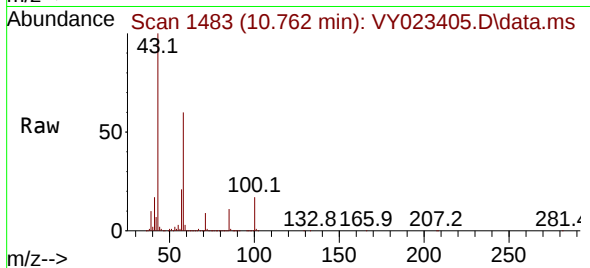
ClientSampleId :

Tgt Ion: 43 Resp: 466180

Ion Ratio Lower Upper

43 100

58 61.2 30.5 91.5



#60

Dibromochloromethane

Concen: 49.550 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. 0.000 min

Lab File: VY023405.D

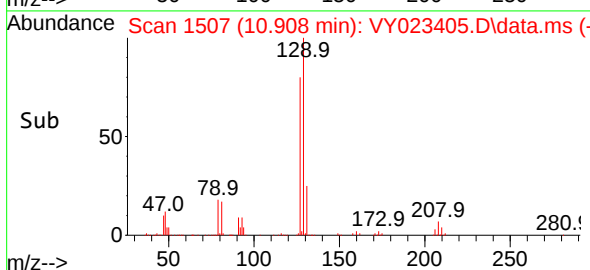
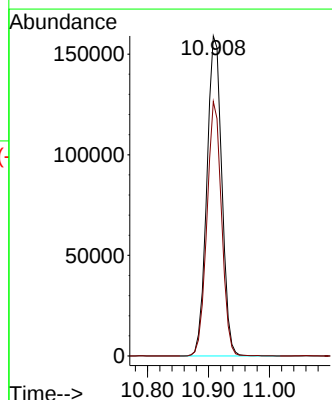
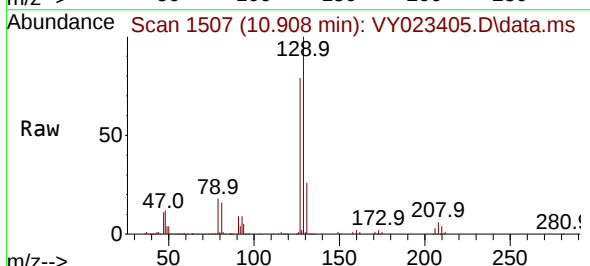
Acq: 08 Oct 2025 16:12

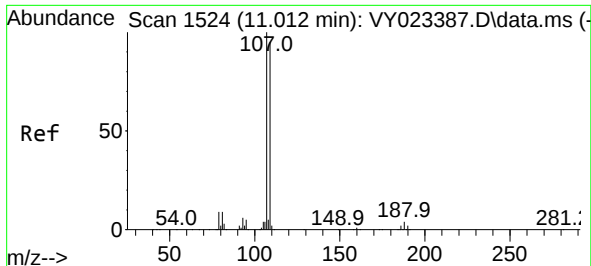
Tgt Ion:129 Resp: 271371

Ion Ratio Lower Upper

129 100

127 77.6 38.6 115.7

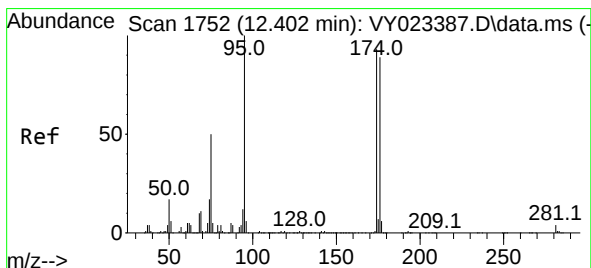
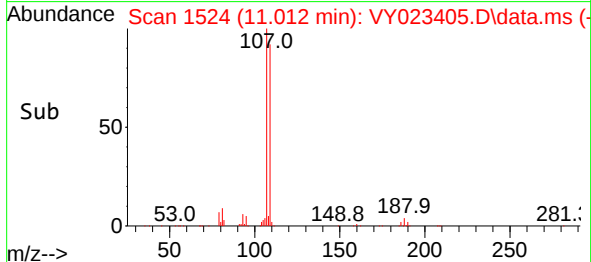
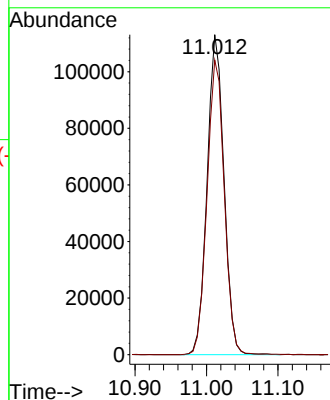
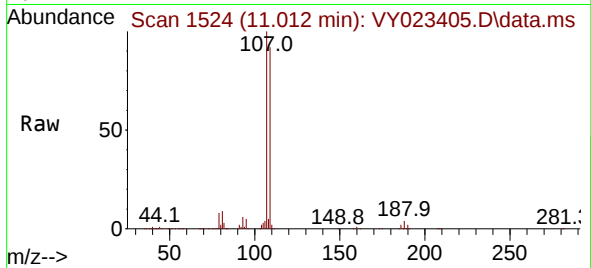




#61
1,2-Dibromoethane
Concen: 49.766 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY023405.D
Acq: 08 Oct 2025 16:12

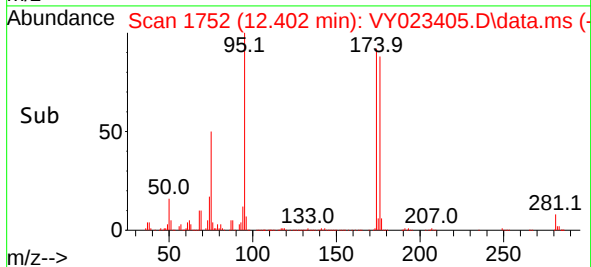
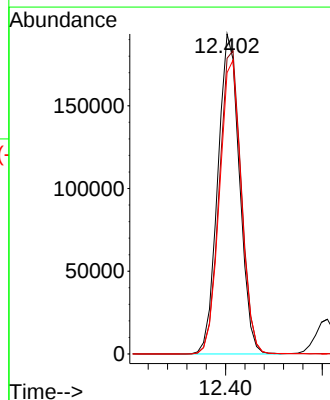
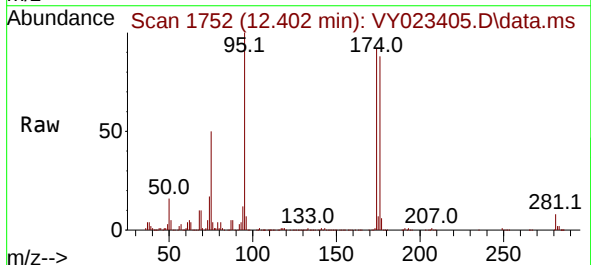
Instrument :
MSVOA_Y
ClientSampleId :

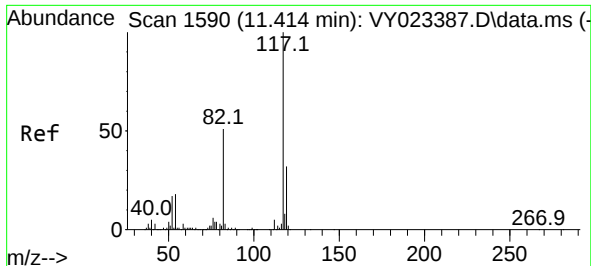
Tgt Ion:107 Resp: 185398
Ion Ratio Lower Upper
107 100
109 94.0 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 49.243 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023405.D
Acq: 08 Oct 2025 16:12

Tgt Ion: 95 Resp: 300344
Ion Ratio Lower Upper
95 100
174 96.2 0.0 192.8
176 92.2 0.0 187.6

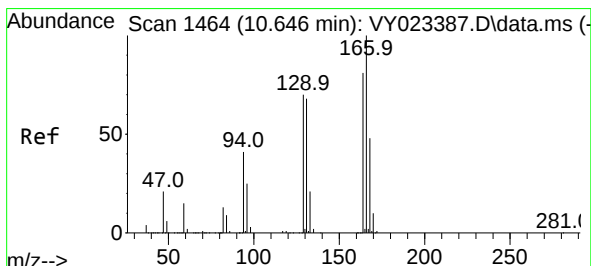
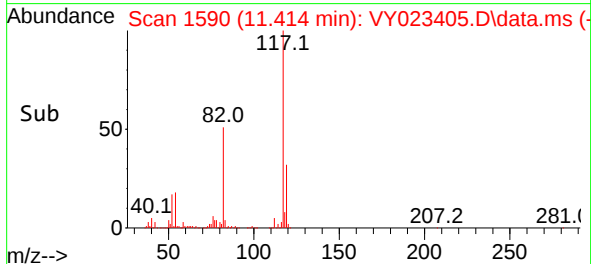
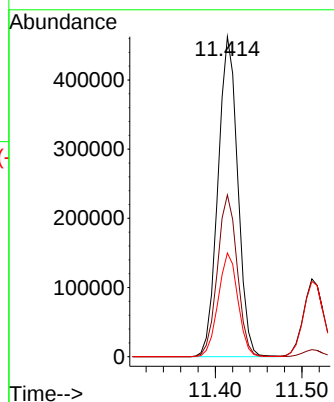
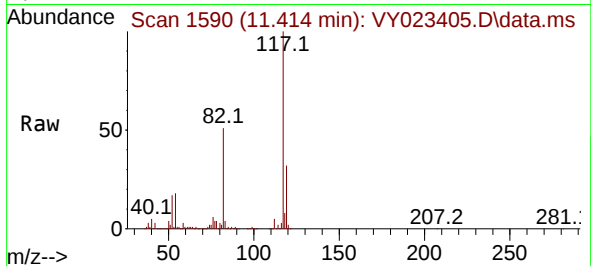




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023405.D
Acq: 08 Oct 2025 16:12

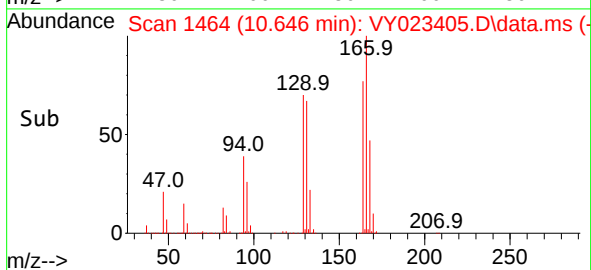
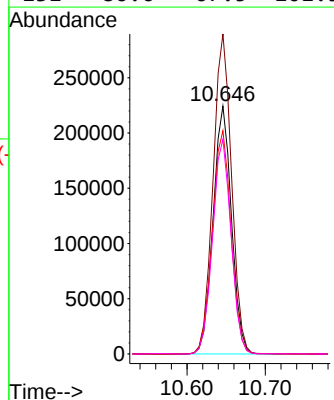
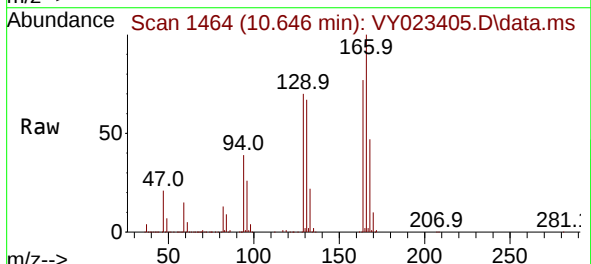
Instrument :
MSVOA_Y
ClientSampleId :

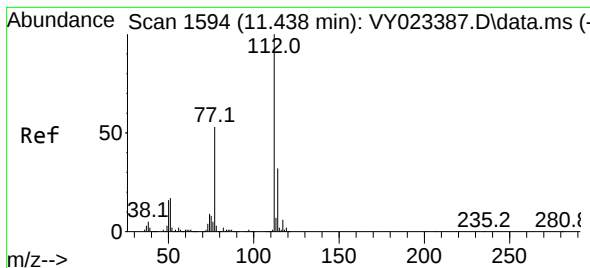
Tgt Ion:117 Resp: 733299
Ion Ratio Lower Upper
117 100
82 50.6 41.0 61.4
119 32.4 25.6 38.4



#64
Tetrachloroethene
Concen: 48.367 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY023405.D
Acq: 08 Oct 2025 16:12

Tgt Ion:164 Resp: 366213
Ion Ratio Lower Upper
164 100
166 129.1 99.4 149.0
129 90.1 69.4 104.2
131 86.6 67.5 101.3





#65

Chlorobenzene

Concen: 47.537 ug/l

RT: 11.438 min Scan# 1594

Delta R.T. 0.000 min

Lab File: VY023405.D

Acq: 08 Oct 2025 16:12

Instrument :

MSVOA_Y

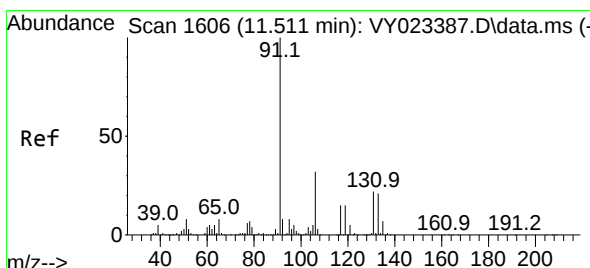
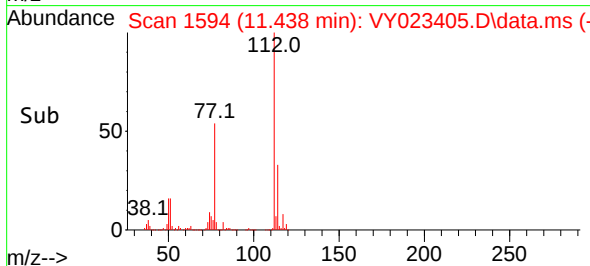
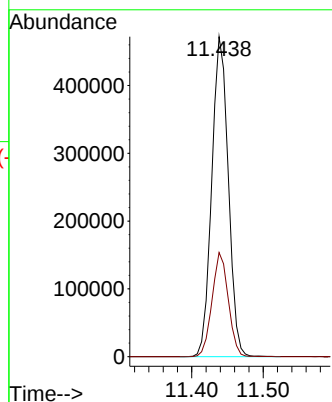
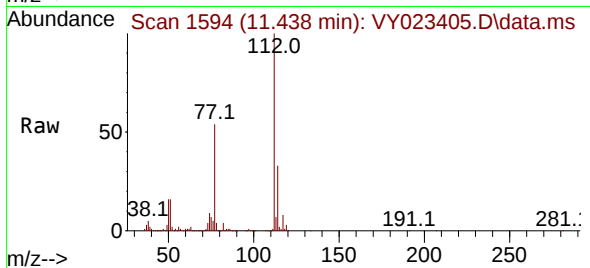
ClientSampleId :

Tgt Ion:112 Resp: 758170

Ion Ratio Lower Upper

112 100

114 32.6 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 47.718 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. 0.000 min

Lab File: VY023405.D

Acq: 08 Oct 2025 16:12

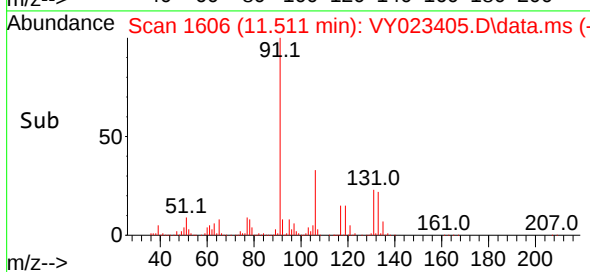
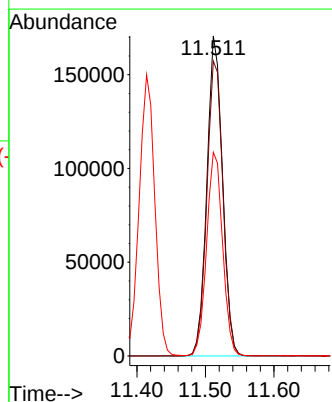
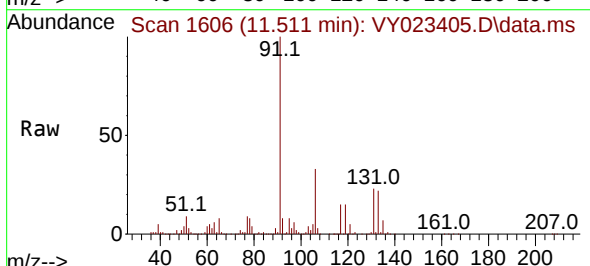
Tgt Ion:131 Resp: 271205

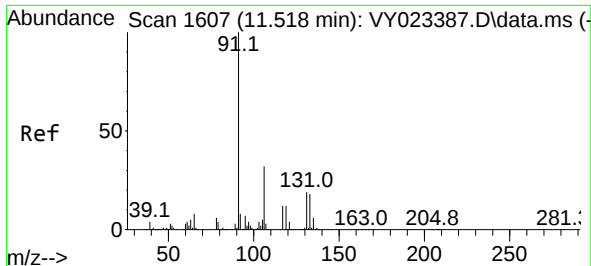
Ion Ratio Lower Upper

131 100

133 94.8 48.4 145.2

119 65.2 32.4 97.2





#67

Ethyl Benzene

Concen: 48.271 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY023405.D

Acq: 08 Oct 2025 16:12

Instrument :

MSVOA_Y

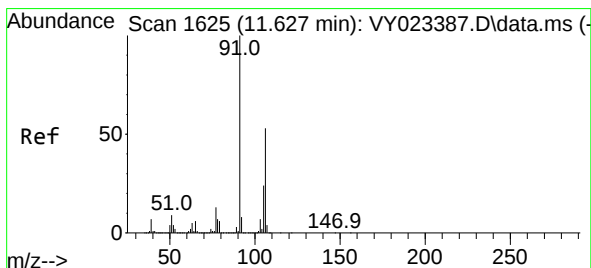
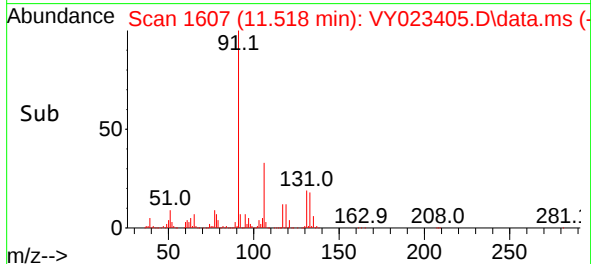
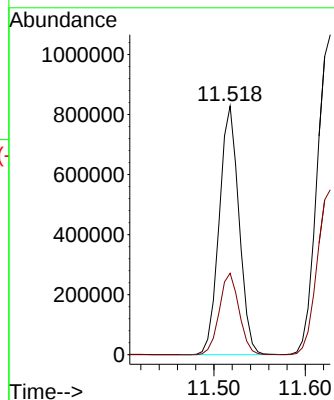
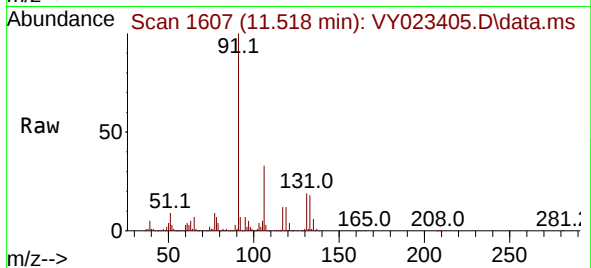
ClientSampleId :

Tgt Ion: 91 Resp: 1246178

Ion Ratio Lower Upper

91 100

106 32.8 25.8 38.8



#68

m/p-Xylenes

Concen: 97.918 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY023405.D

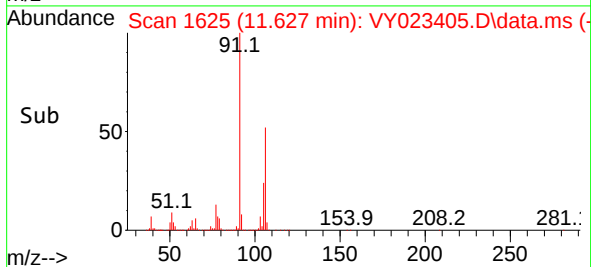
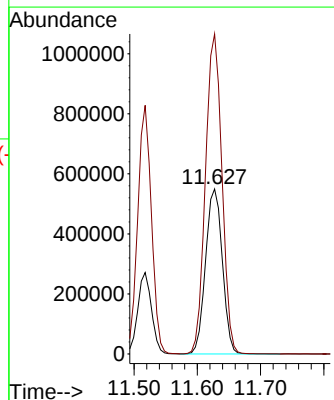
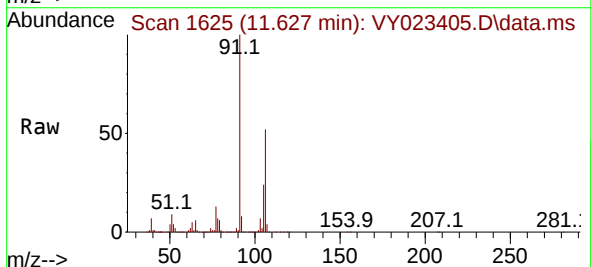
Acq: 08 Oct 2025 16:12

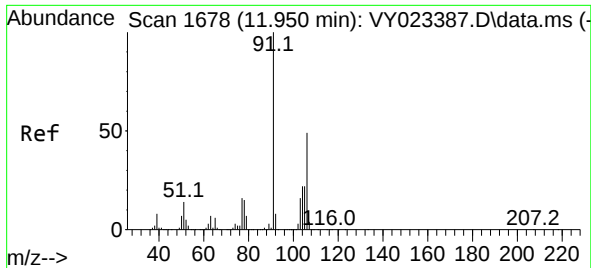
Tgt Ion:106 Resp: 1013931

Ion Ratio Lower Upper

106 100

91 190.8 152.6 229.0

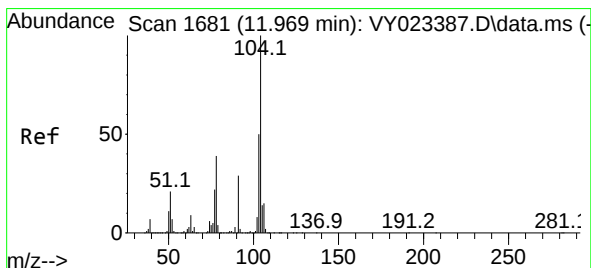
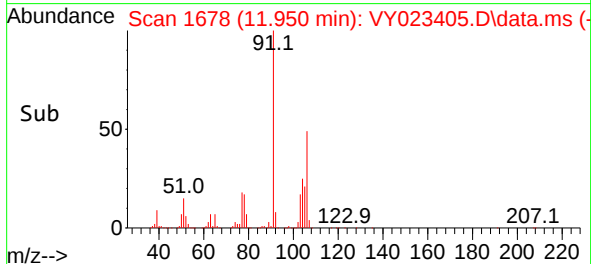
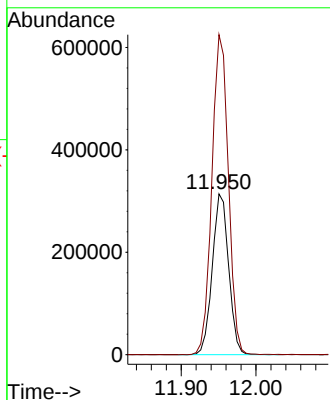
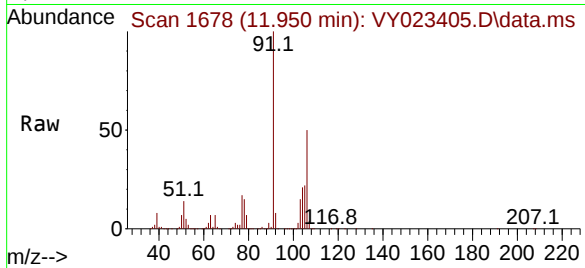




#69
o-Xylene
Concen: 49.119 ug/l
RT: 11.950 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023405.D
Acq: 08 Oct 2025 16:12

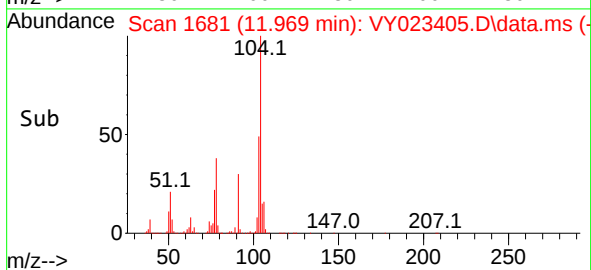
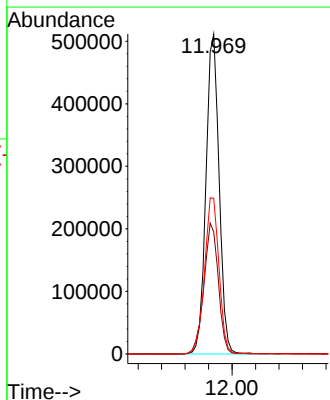
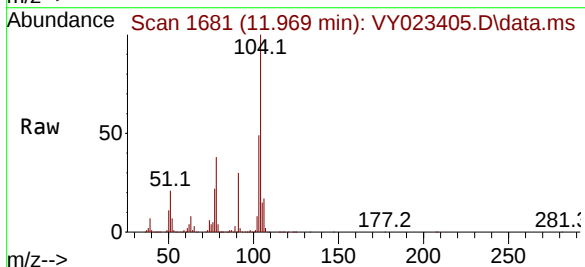
Instrument :
MSVOA_Y
ClientSampleId :

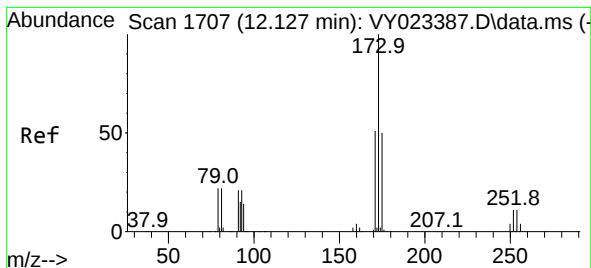
Tgt Ion:106 Resp: 477074
Ion Ratio Lower Upper
106 100
91 200.9 101.4 304.1



#70
Styrene
Concen: 49.930 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY023405.D
Acq: 08 Oct 2025 16:12

Tgt Ion:104 Resp: 797484
Ion Ratio Lower Upper
104 100
78 44.9 36.1 54.1
103 54.0 43.2 64.8





#71

Bromoform

Concen: 47.754 ug/l

RT: 12.127 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023405.D

Acq: 08 Oct 2025 16:12

Instrument :

MSVOA_Y

ClientSampleId :

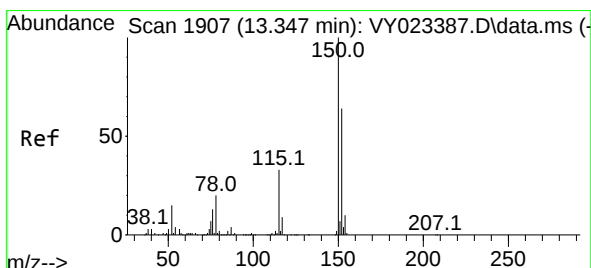
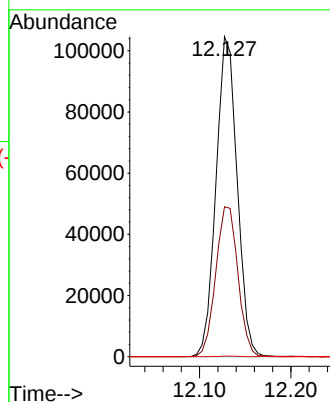
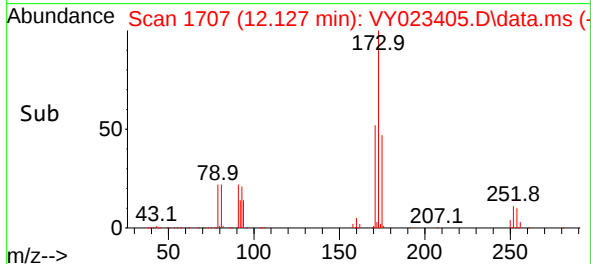
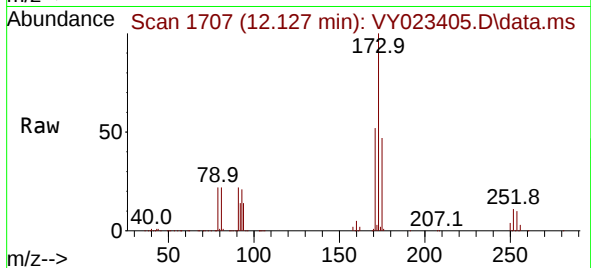
Tgt Ion:173 Resp: 168352

Ion Ratio Lower Upper

173 100

175 49.2 24.8 74.3

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY023405.D

Acq: 08 Oct 2025 16:12

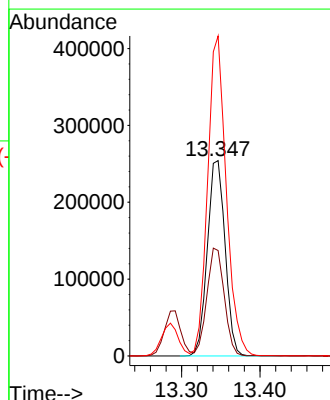
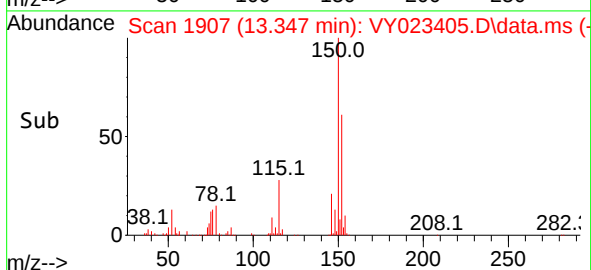
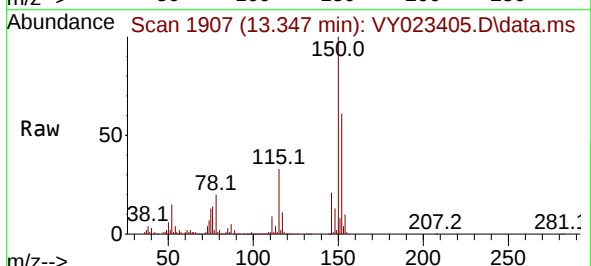
Tgt Ion:152 Resp: 400297

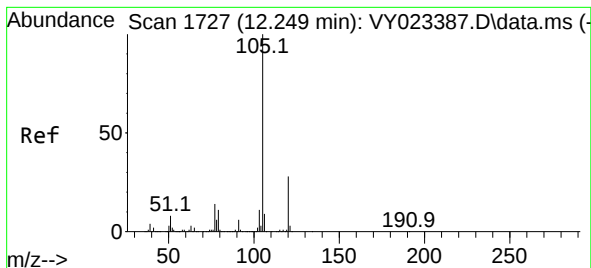
Ion Ratio Lower Upper

152 100

115 53.9 27.1 81.2

150 171.8 0.0 347.4





#73

Isopropylbenzene

Concen: 46.590 ug/l

RT: 12.249 min Scan# 1727

Delta R.T. 0.000 min

Lab File: VY023405.D

Acq: 08 Oct 2025 16:12

Instrument :

MSVOA_Y

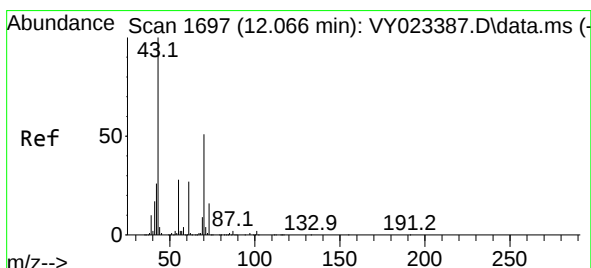
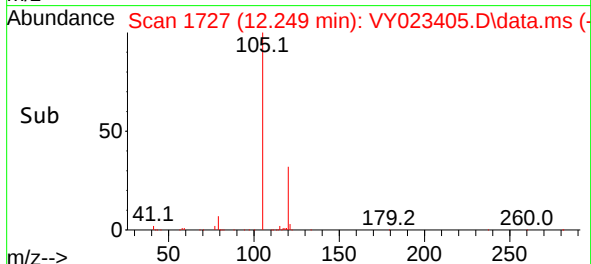
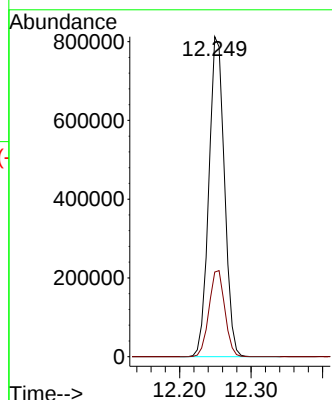
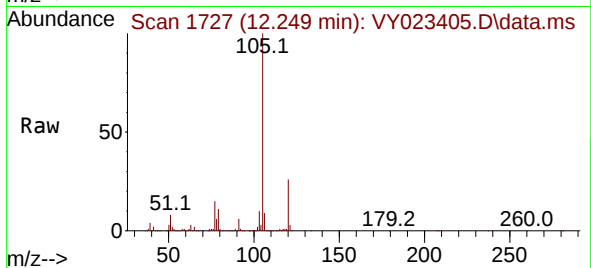
ClientSampleId :

Tgt Ion:105 Resp: 1229037

Ion Ratio Lower Upper

105 100

120 27.3 13.9 41.7



#74

N-ethyl acetate

Concen: 46.680 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY023405.D

Acq: 08 Oct 2025 16:12

Tgt Ion: 43 Resp: 221183

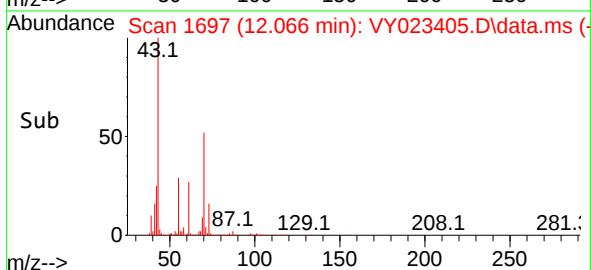
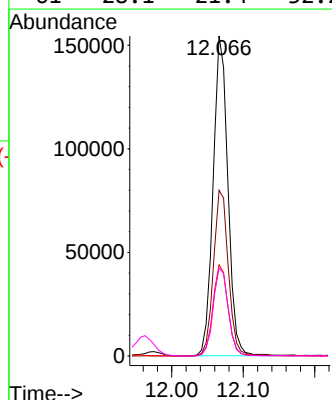
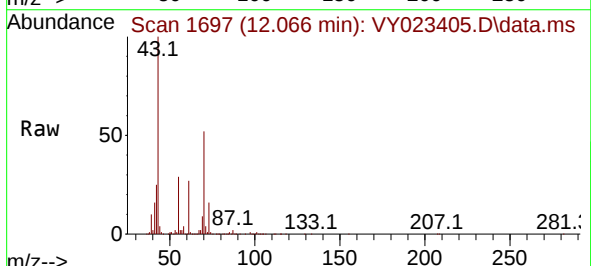
Ion Ratio Lower Upper

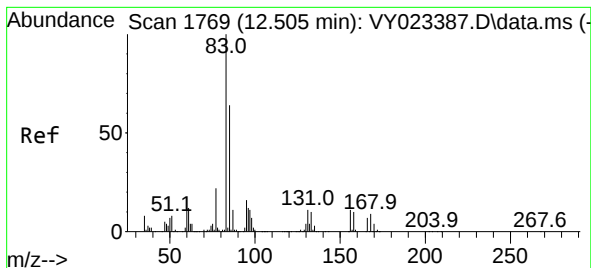
43 100

70 52.6 41.1 61.7

55 29.4 23.0 34.6

61 28.1 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 44.874 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY023405.D

Acq: 08 Oct 2025 16:12

Instrument :

MSVOA_Y

ClientSampleId :

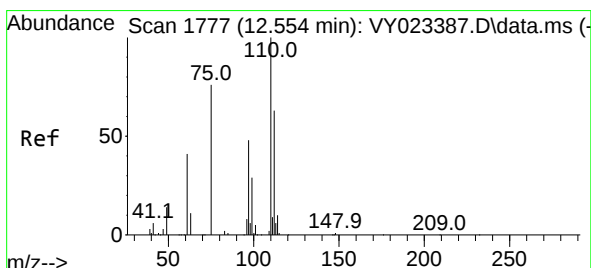
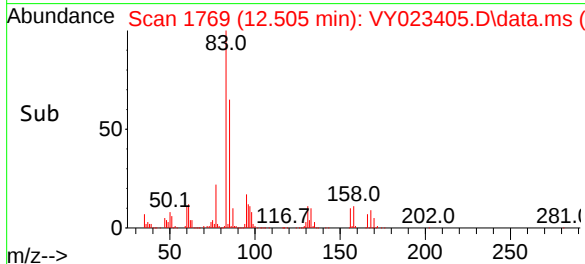
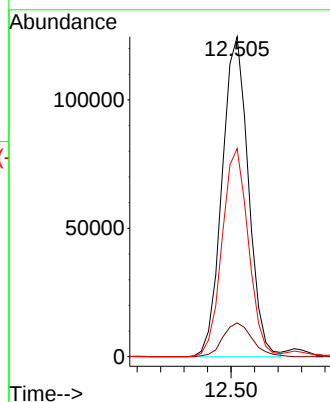
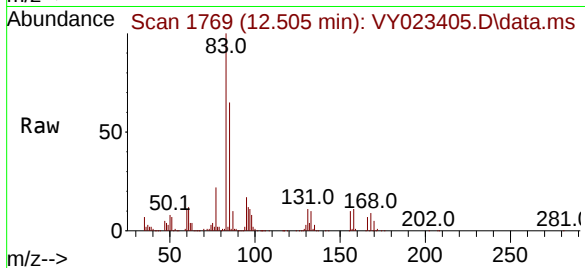
Tgt Ion: 83 Resp: 193615

Ion Ratio Lower Upper

83 100

131 11.8 5.9 17.6

85 65.2 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 75.553 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY023405.D

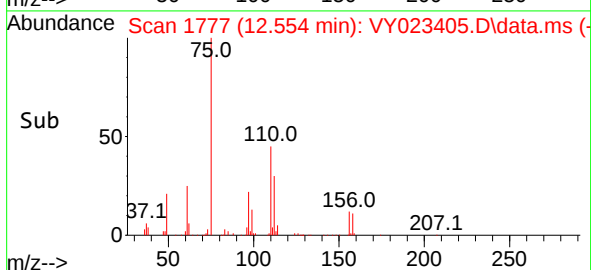
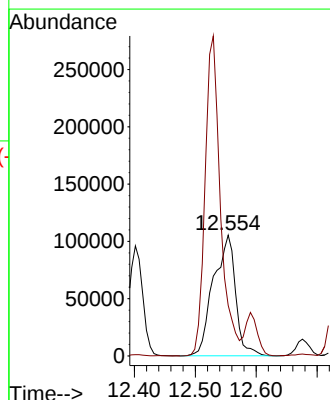
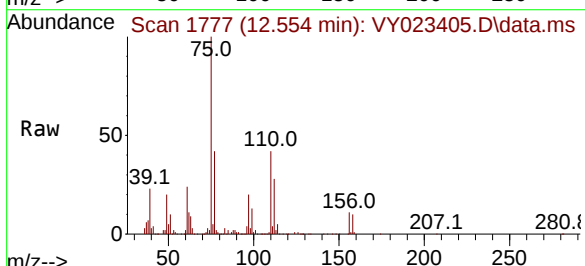
Acq: 08 Oct 2025 16:12

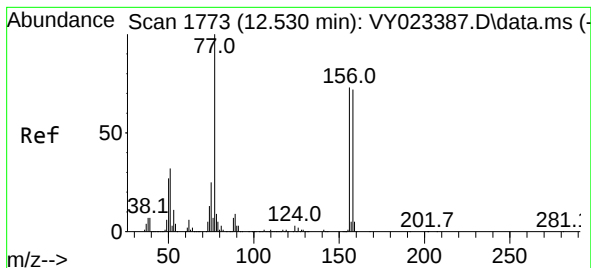
Tgt Ion: 75 Resp: 266829

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 45.269 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY023405.D

Acq: 08 Oct 2025 16:12

Instrument :

MSVOA_Y

ClientSampleId :

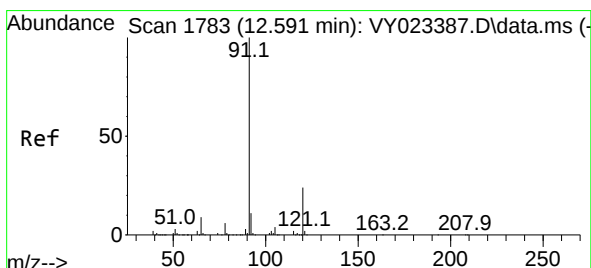
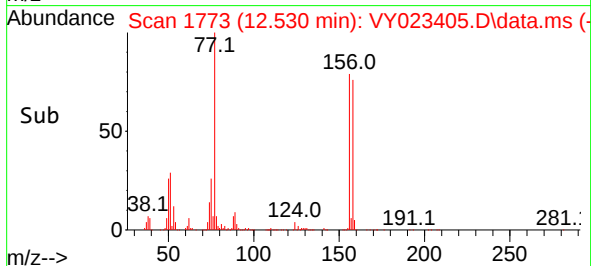
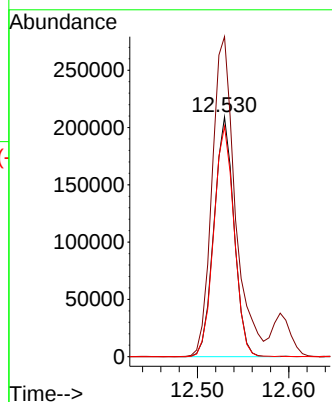
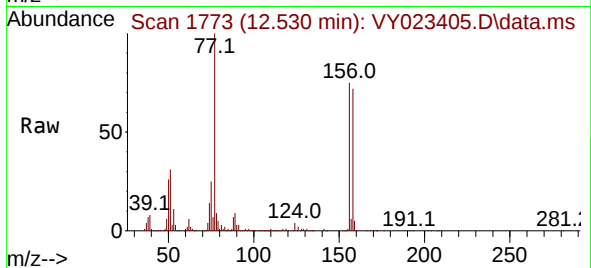
Tgt Ion:156 Resp: 317482

Ion Ratio Lower Upper

156 100

77 154.6 76.8 230.5

158 97.9 49.0 147.2



#78

n-propylbenzene

Concen: 47.170 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. 0.000 min

Lab File: VY023405.D

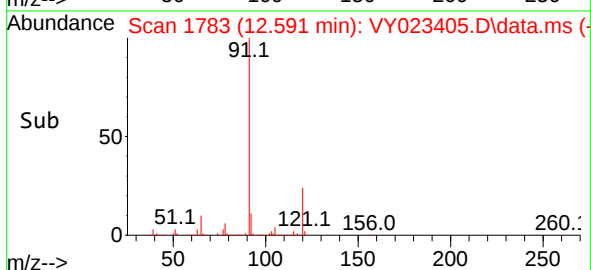
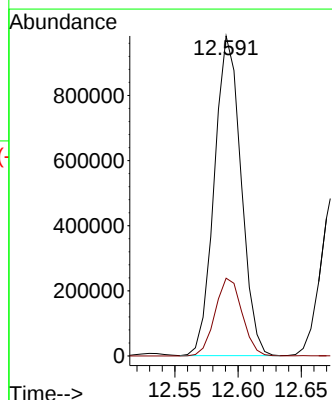
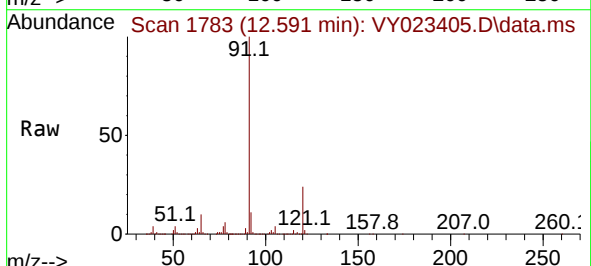
Acq: 08 Oct 2025 16:12

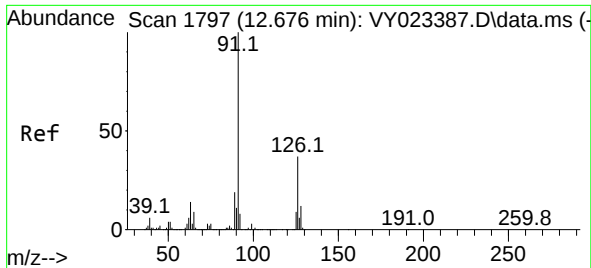
Tgt Ion: 91 Resp: 1439974

Ion Ratio Lower Upper

91 100

120 24.5 12.3 36.8

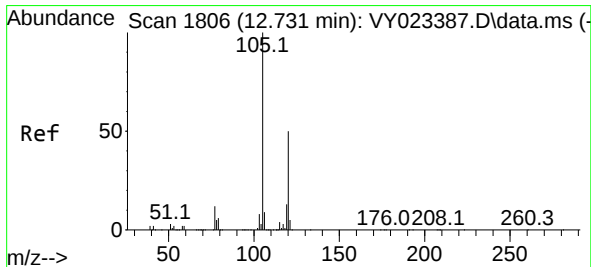
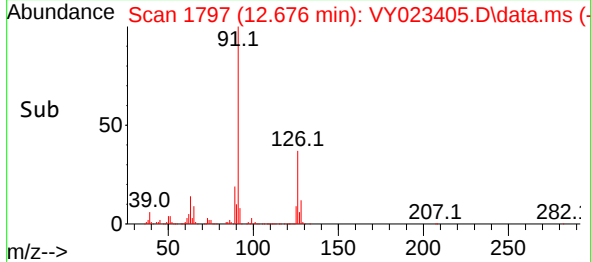
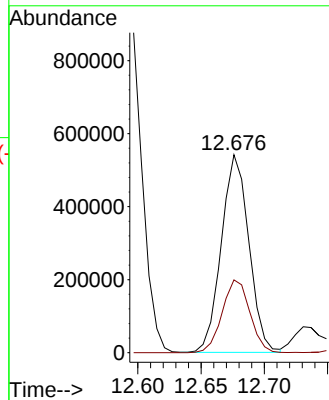
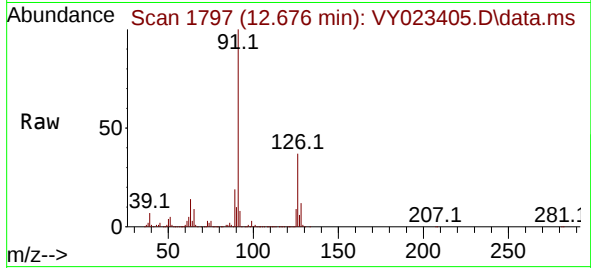




#79
2-Chlorotoluene
Concen: 45.932 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY023405.D
Acq: 08 Oct 2025 16:12

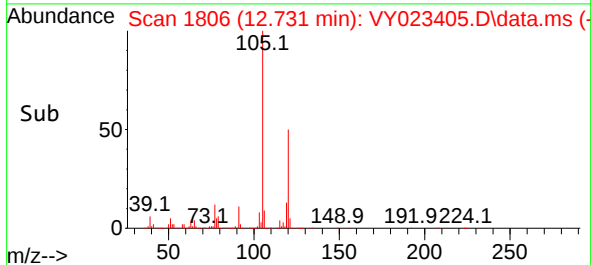
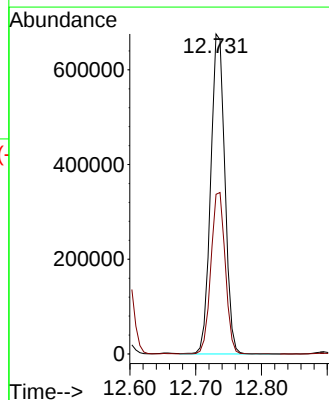
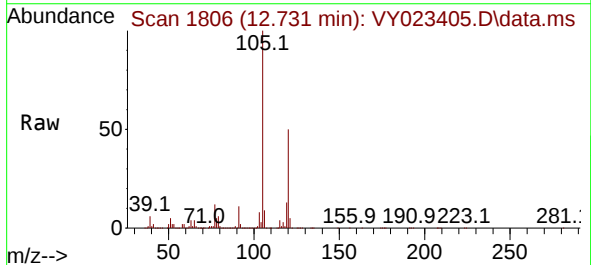
Instrument :
MSVOA_Y
ClientSampleId :

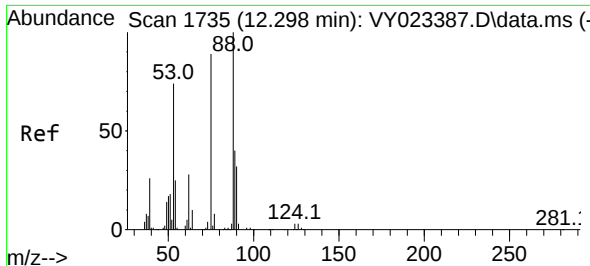
Tgt Ion: 91 Resp: 821109
Ion Ratio Lower Upper
91 100
126 37.0 18.5 55.5



#80
1,3,5-Trimethylbenzene
Concen: 47.510 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VY023405.D
Acq: 08 Oct 2025 16:12

Tgt Ion: 105 Resp: 1012772
Ion Ratio Lower Upper
105 100
120 50.9 25.4 76.4

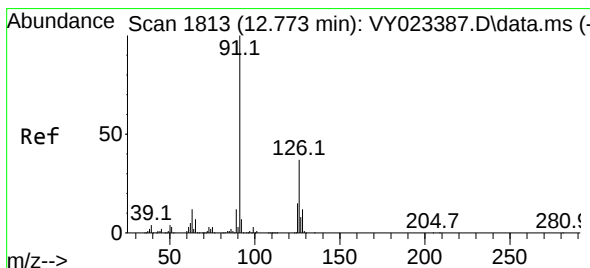
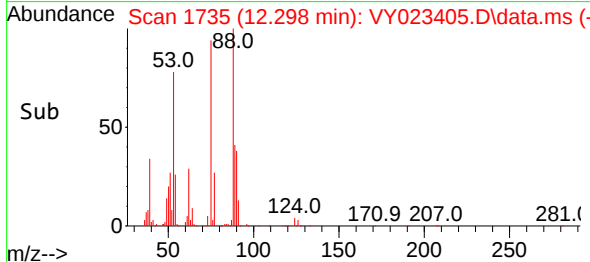
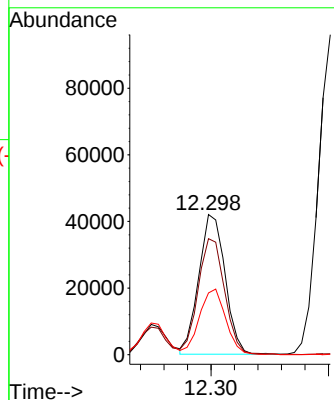
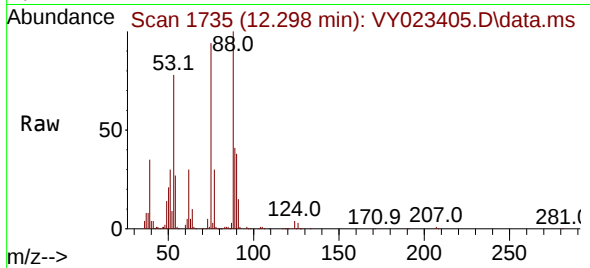




#81
trans-1,4-Dichloro-2-butene
Concen: 45.216 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VY023405.D
Acq: 08 Oct 2025 16:12

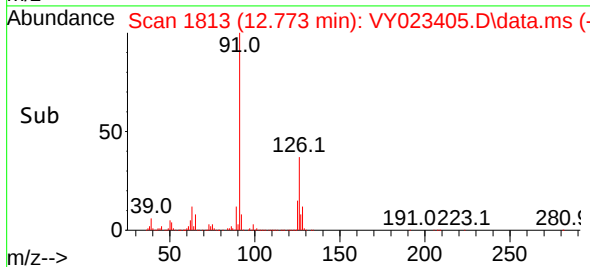
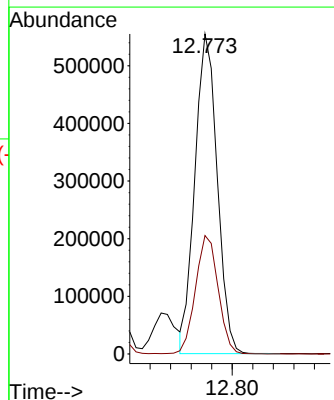
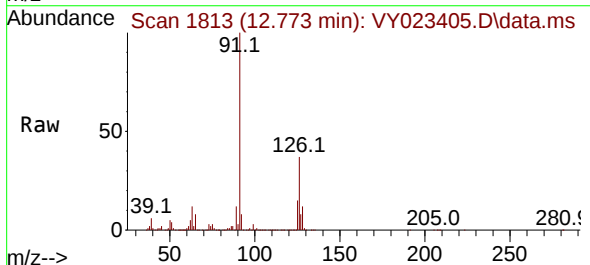
Instrument :
MSVOA_Y
ClientSampleId :

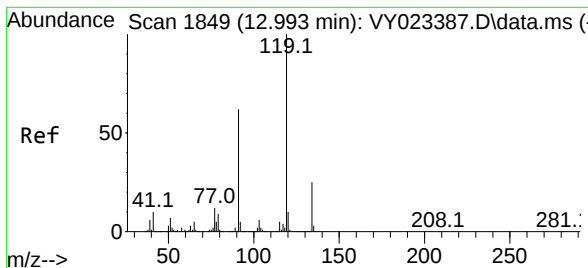
Tgt Ion: 75 Resp: 65121
Ion Ratio Lower Upper
75 100
53 83.8 68.6 102.8
89 47.4 39.0 58.4



#82
4-Chlorotoluene
Concen: 45.497 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY023405.D
Acq: 08 Oct 2025 16:12

Tgt Ion: 91 Resp: 837635
Ion Ratio Lower Upper
91 100
126 37.6 18.4 55.4

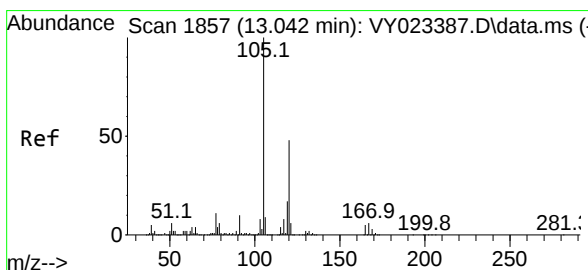
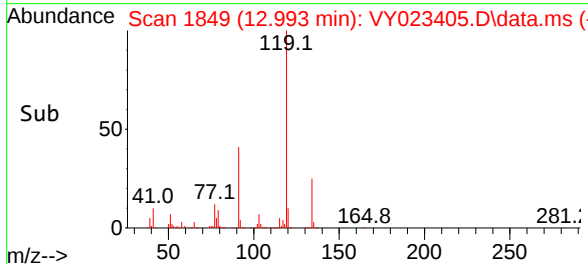
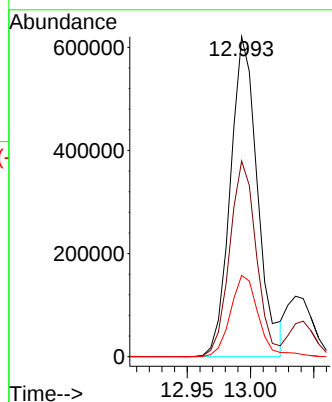
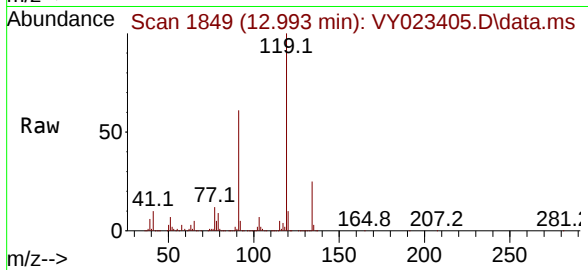




#83
 tert-Butylbenzene
 Concen: 47.274 ug/l
 RT: 12.993 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: VY023405.D
 Acq: 08 Oct 2025 16:12

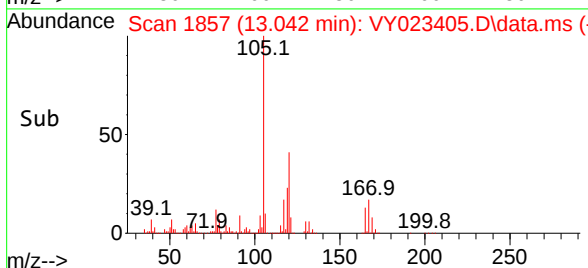
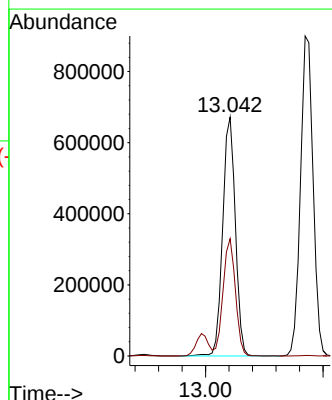
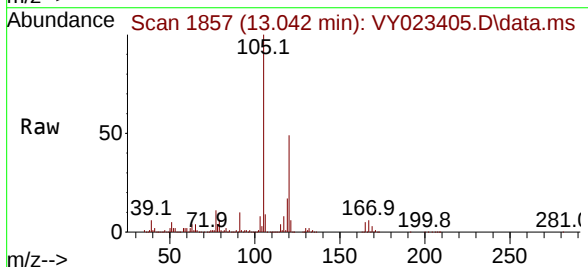
Instrument :
 MSVOA_Y
 ClientSampleId :

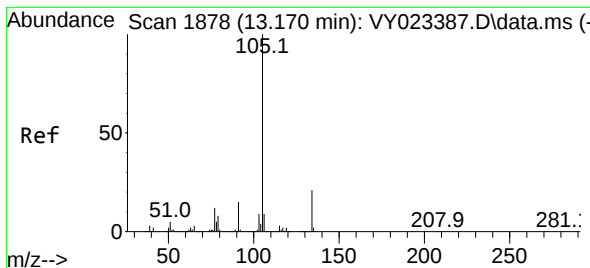
Tgt Ion:119 Resp: 930454
 Ion Ratio Lower Upper
 119 100
 91 59.8 29.9 89.8
 134 26.2 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 47.214 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: VY023405.D
 Acq: 08 Oct 2025 16:12

Tgt Ion:105 Resp: 1004451
 Ion Ratio Lower Upper
 105 100
 120 48.0 23.8 71.2





#85

sec-Butylbenzene

Concen: 47.287 ug/l

RT: 13.170 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY023405.D

Acq: 08 Oct 2025 16:12

Instrument :

MSVOA_Y

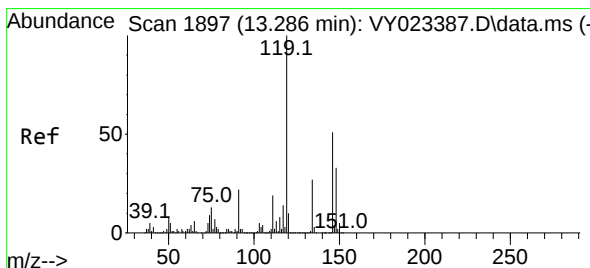
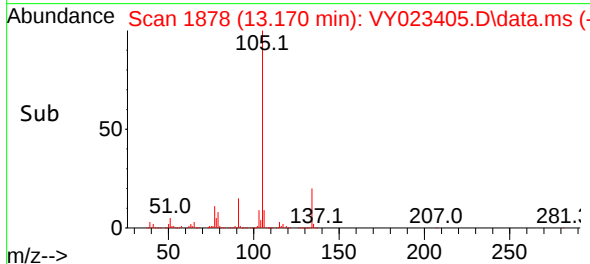
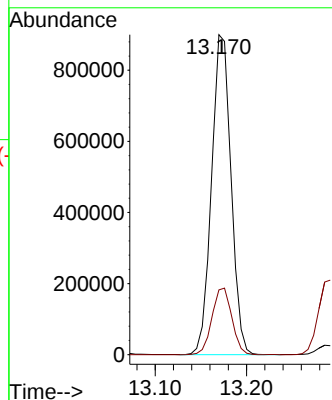
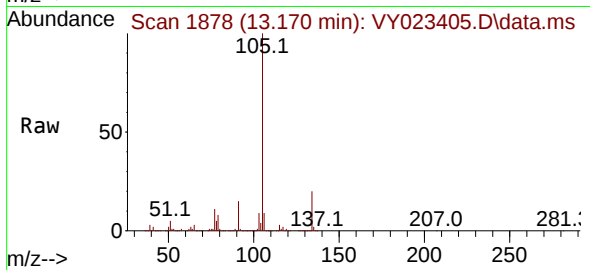
ClientSampleId :

Tgt Ion:105 Resp: 1335110

Ion Ratio Lower Upper

105 100

134 21.2 10.7 32.1



#86

p-Isopropyltoluene

Concen: 47.391 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY023405.D

Acq: 08 Oct 2025 16:12

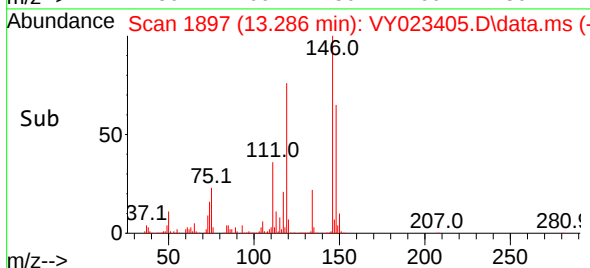
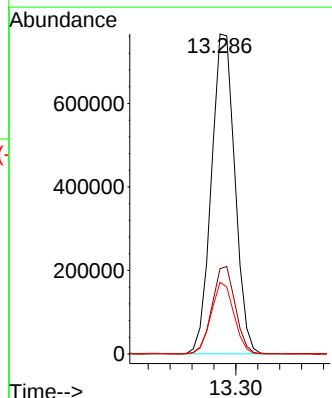
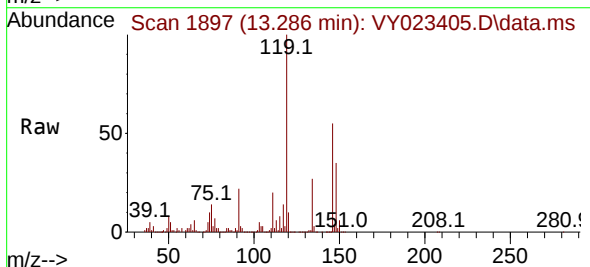
Tgt Ion:119 Resp: 1139235

Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.7

91 21.7 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 45.359 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY023405.D

Acq: 08 Oct 2025 16:12

Instrument :

MSVOA_Y

ClientSampleId :

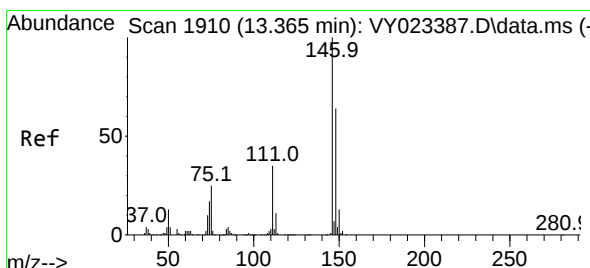
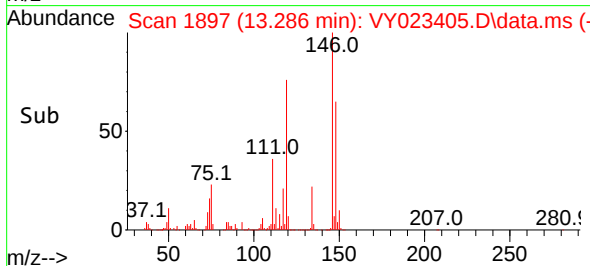
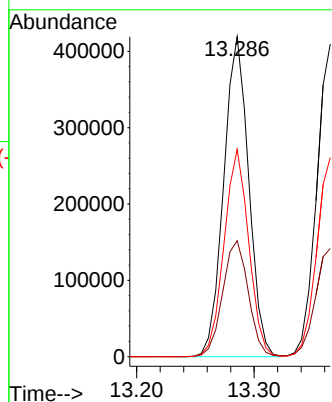
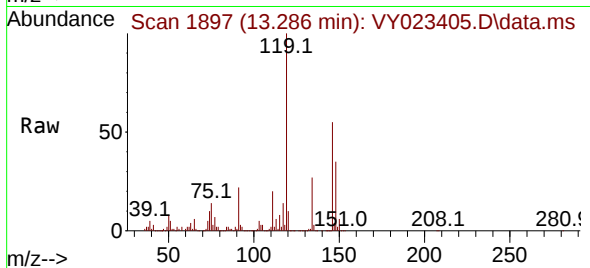
Tgt Ion:146 Resp: 619457

Ion Ratio Lower Upper

146 100

111 37.2 18.7 56.1

148 63.9 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 45.145 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY023405.D

Acq: 08 Oct 2025 16:12

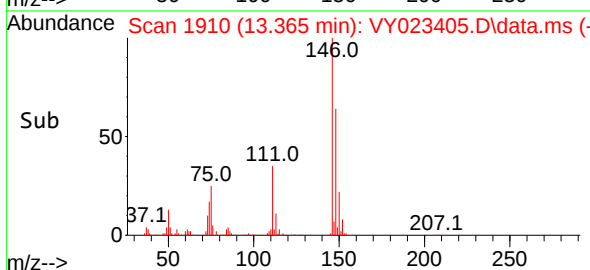
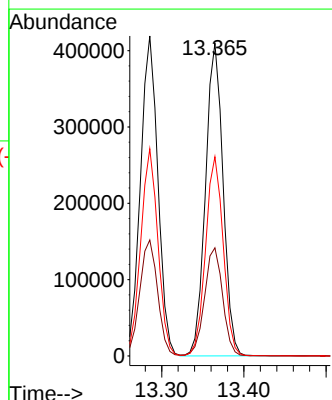
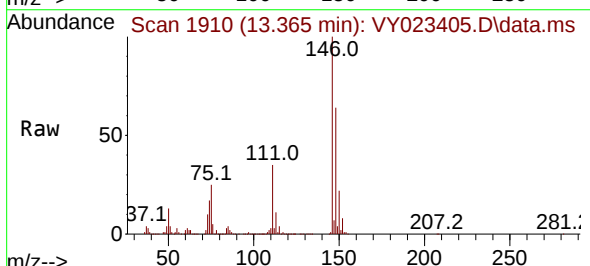
Tgt Ion:146 Resp: 608912

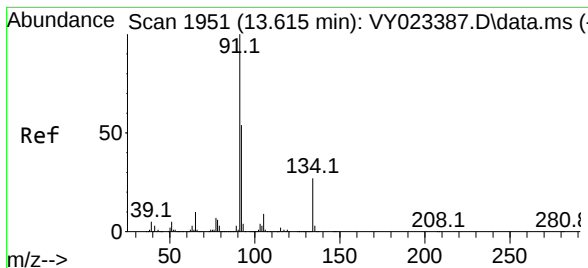
Ion Ratio Lower Upper

146 100

111 35.9 18.0 54.0

148 64.0 31.9 95.7





#89

n-Butylbenzene

Concen: 47.141 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY023405.D

Acq: 08 Oct 2025 16:12

Instrument :

MSVOA_Y

ClientSampleId :

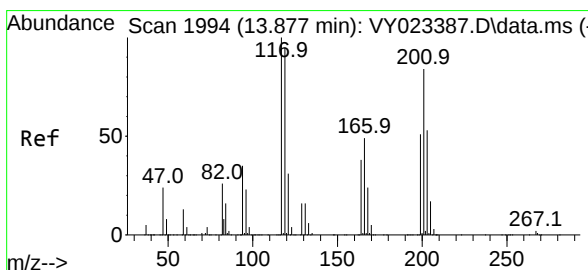
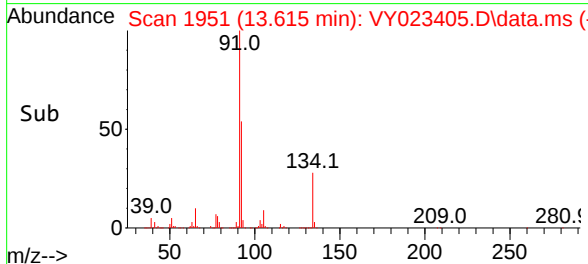
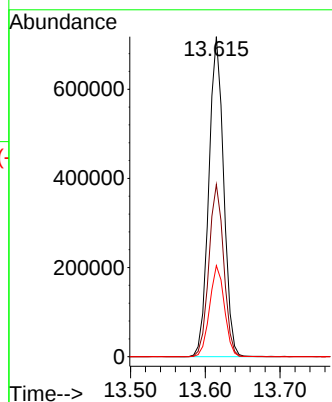
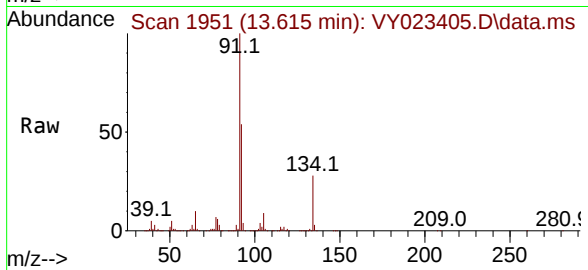
Tgt Ion: 91 Resp: 987414

Ion Ratio Lower Upper

91 100

92 53.8 27.0 80.8

134 28.4 14.1 42.2



#90

Hexachloroethane

Concen: 44.895 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY023405.D

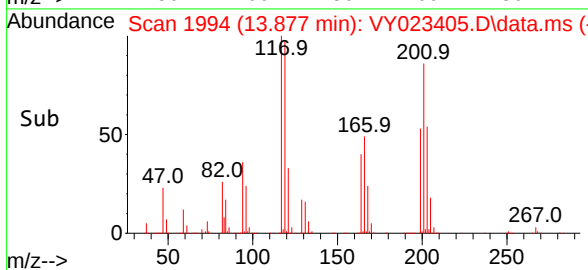
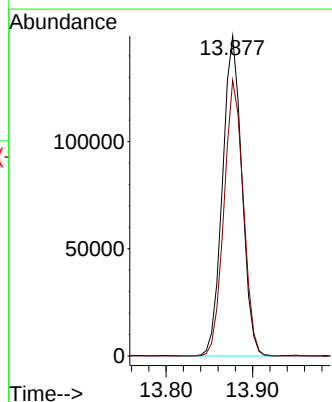
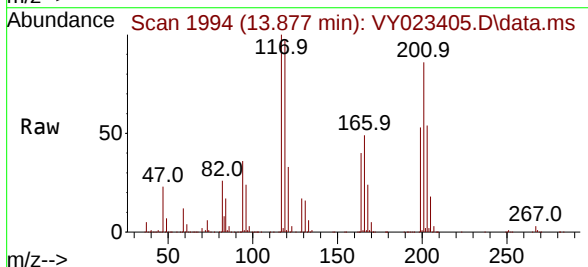
Acq: 08 Oct 2025 16:12

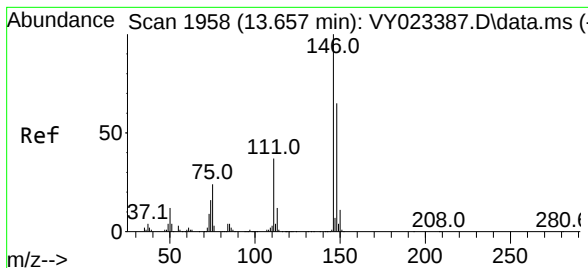
Tgt Ion: 117 Resp: 232120

Ion Ratio Lower Upper

117 100

201 85.8 43.8 131.4





#91

1,2-Dichlorobenzene

Concen: 45.634 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY023405.D

Acq: 08 Oct 2025 16:12

Instrument :

MSVOA_Y

ClientSampleId :

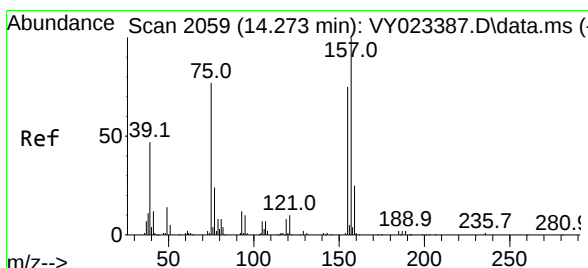
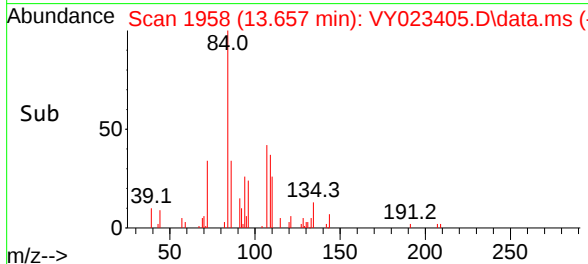
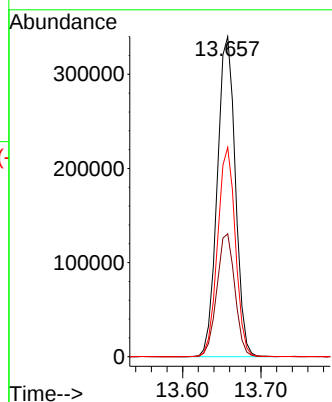
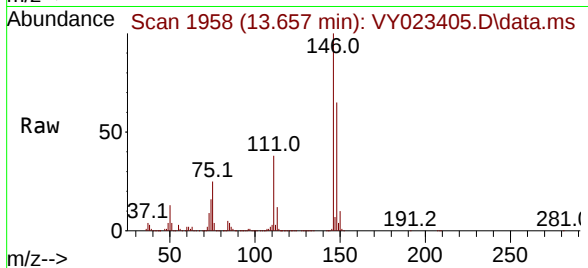
Tgt Ion:146 Resp: 546395

Ion Ratio Lower Upper

146 100

111 38.4 19.0 57.0

148 64.3 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.817 ug/l

RT: 14.267 min Scan# 2058

Delta R.T. -0.006 min

Lab File: VY023405.D

Acq: 08 Oct 2025 16:12

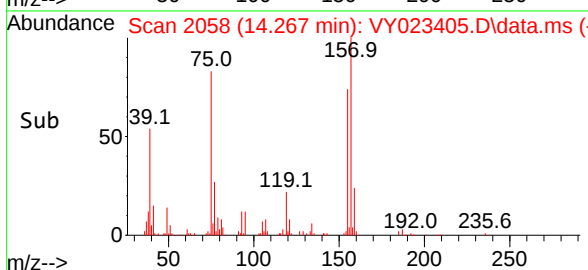
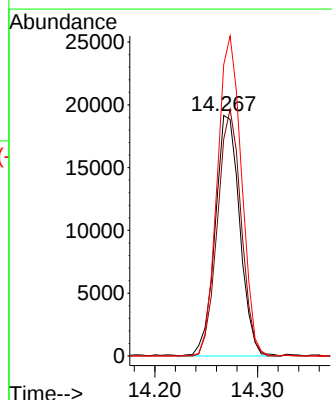
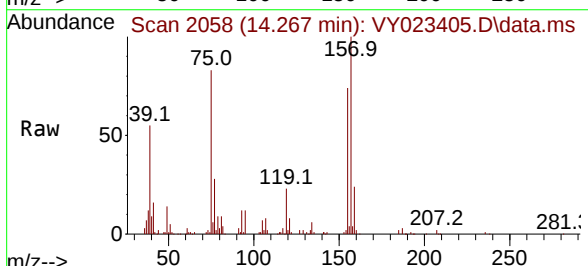
Tgt Ion: 75 Resp: 31728

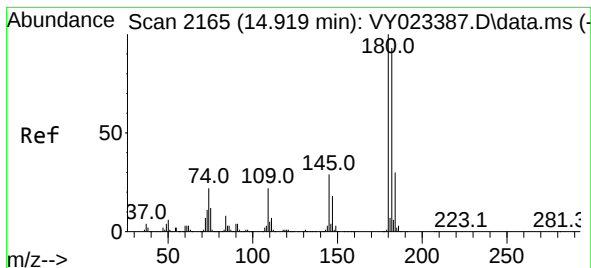
Ion Ratio Lower Upper

75 100

155 98.2 50.0 150.0

157 130.8 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 44.671 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY023405.D

Acq: 08 Oct 2025 16:12

Instrument :

MSVOA_Y

ClientSampleId :

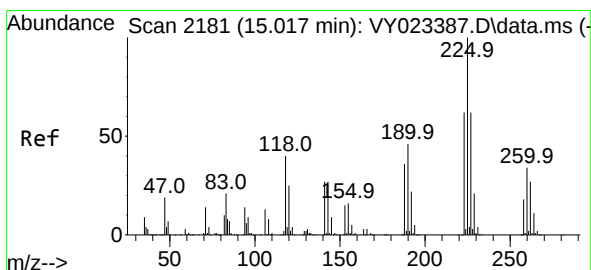
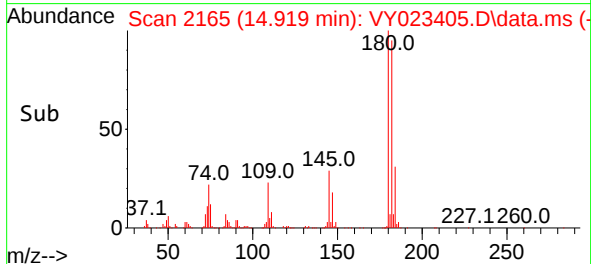
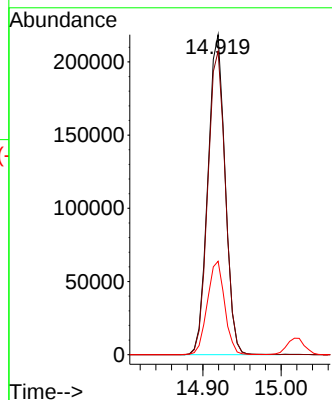
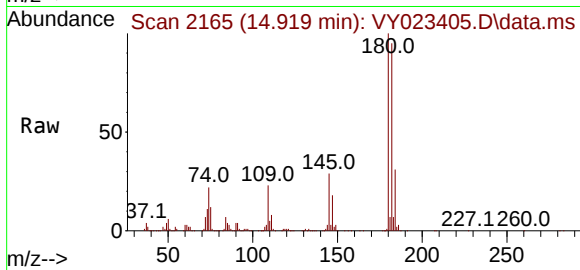
Tgt Ion:180 Resp: 333445

Ion Ratio Lower Upper

180 100

182 96.5 47.9 143.6

145 29.4 14.7 44.1



#94

Hexachlorobutadiene

Concen: 44.508 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY023405.D

Acq: 08 Oct 2025 16:12

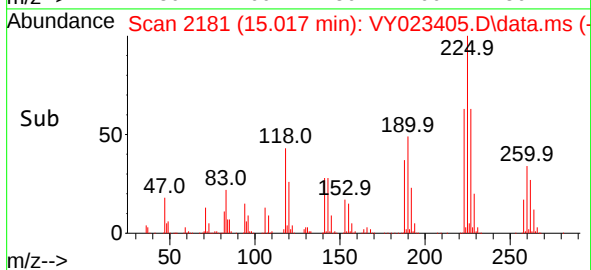
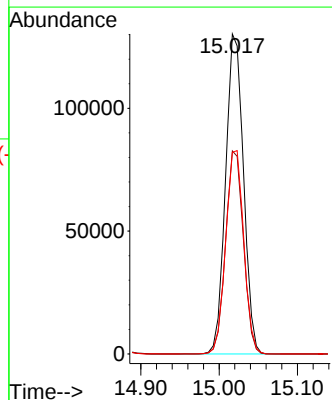
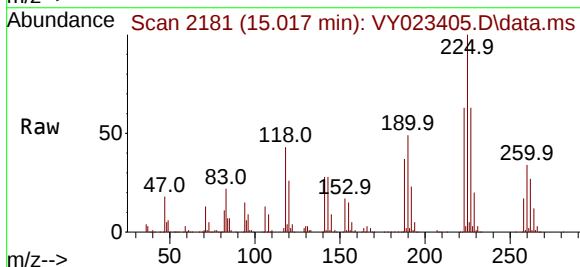
Tgt Ion:225 Resp: 207098

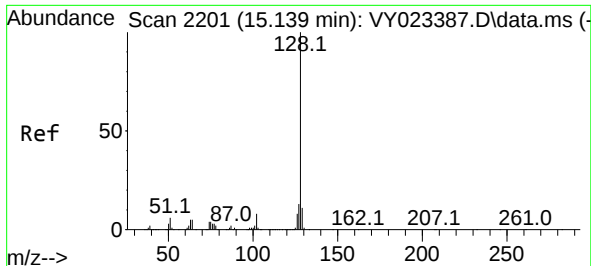
Ion Ratio Lower Upper

225 100

223 62.9 30.8 92.3

227 64.2 31.9 95.7

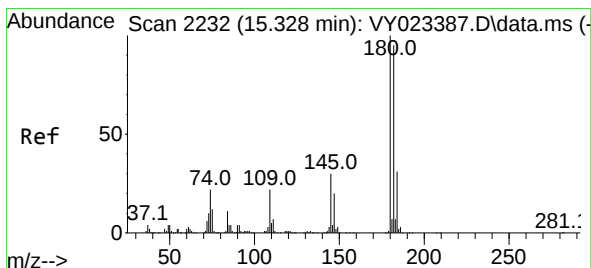
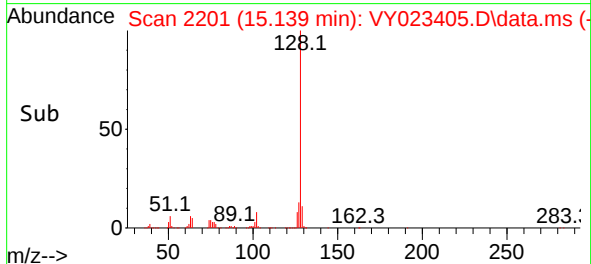
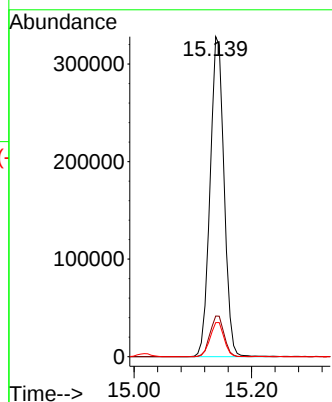
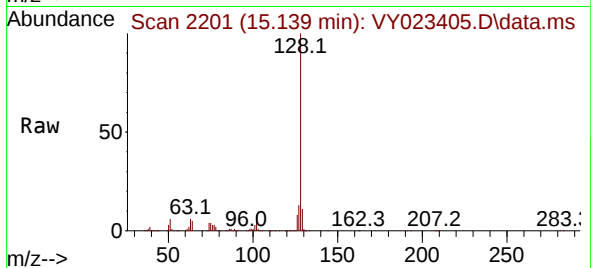




#95
Naphthalene
Concen: 45.562 ug/l
RT: 15.139 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY023405.D
Acq: 08 Oct 2025 16:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 541564
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.7 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 45.118 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY023405.D
Acq: 08 Oct 2025 16:12

Tgt Ion:180 Resp: 291708
Ion Ratio Lower Upper
180 100
182 96.0 47.9 143.8
145 30.7 15.3 45.9

