

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071825\
 Data File : VY022991.D
 Acq On : 18 Jul 2025 10:54
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Quant Time: Jul 19 01:30:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071825S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 19 01:28:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	486665	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	793912	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	634272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	281482	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	46989	9.538	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	19.080%#
35) Dibromofluoromethane	7.640	113	47940	9.519	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	19.040%#
50) Toluene-d8	10.103	98	191385	9.583	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	19.160%#
62) 4-Bromofluorobenzene	12.402	95	56048	8.915	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	17.840%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	44400	10.745	ug/l	97
3) Chloromethane	2.068	50	72344	10.296	ug/l	98
4) Vinyl Chloride	2.202	62	91411	10.269	ug/l	100
5) Bromomethane	2.592	94	64771	10.082	ug/l	98
6) Chloroethane	2.733	64	61053	10.269	ug/l	98
7) Trichlorofluoromethane	3.050	101	106798	10.335	ug/l	97
8) Diethyl Ether	3.452	74	26530	9.809	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	55150	10.159	ug/l	98
10) Methyl Iodide	4.007	142	52773	9.358	ug/l	97
11) Tert butyl alcohol	4.848	59	14081	47.002	ug/l	96
12) 1,1-Dichloroethene	3.787	96	52948	10.239	ug/l	95
13) Acrolein	3.653	56	8925	66.092	ug/l	93
14) Allyl chloride	4.379	41	75202	9.545	ug/l	99
15) Acrylonitrile	5.061	53	43540	42.502	ug/l	97
16) Acetone	3.867	43	44190	49.482	ug/l	91
17) Carbon Disulfide	4.104	76	158034	10.083	ug/l	99
18) Methyl Acetate	4.391	43	24878	8.228	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	111411	8.982	ug/l	95
20) Methylene Chloride	4.616	84	101278	9.348	ug/l	95
21) trans-1,2-Dichloroethene	5.116	96	55587	9.657	ug/l	91
22) Diisopropyl ether	6.019	45	155004	9.274	ug/l	95
23) Vinyl Acetate	5.958	43	373434	44.343	ug/l	100
24) 1,1-Dichloroethane	5.915	63	103495	9.859	ug/l	98
25) 2-Butanone	6.890	43	57204	44.650	ug/l	97
26) 2,2-Dichloropropane	6.878	77	90050	9.787	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	63030	9.501	ug/l	99
28) Bromochloromethane	7.244	49	38094	9.356	ug/l	98
29) Tetrahydrofuran	7.262	42	33741	41.597	ug/l	99
30) Chloroform	7.421	83	104738	9.890	ug/l	91
31) Cyclohexane	7.701	56	98453	10.037	ug/l #	93
32) 1,1,1-Trichloroethane	7.616	97	94990	9.886	ug/l	99
36) 1,1-Dichloropropene	7.835	75	76035	9.585	ug/l	99
37) Ethyl Acetate	6.982	43	26025	8.834	ug/l	99
38) Carbon Tetrachloride	7.817	117	84148	9.764	ug/l	99
39) Methylcyclohexane	9.103	83	96640	9.412	ug/l	96
40) Benzene	8.079	78	225702	9.450	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071825\
 Data File : VY022991.D
 Acq On : 18 Jul 2025 10:54
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Quant Time: Jul 19 01:30:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071825S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 19 01:28:30 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	12522	8.052	ug/l	92
42) 1,2-Dichloroethane	8.158	62	54251	9.130	ug/l	98
43) Isopropyl Acetate	8.195	43	49891	8.525	ug/l #	85
44) Trichloroethene	8.866	130	59337	9.672	ug/l	99
45) 1,2-Dichloropropane	9.140	63	51870	9.300	ug/l	97
46) Dibromomethane	9.231	93	25659	8.900	ug/l	97
47) Bromodichloromethane	9.420	83	73468	9.219	ug/l	96
48) Methyl methacrylate	9.219	41	23583	8.347	ug/l	97
49) 1,4-Dioxane	9.225	88	5158	169.729	ug/l	97
51) 4-Methyl-2-Pentanone	10.000	43	123354	41.528	ug/l	98
52) Toluene	10.170	92	137786	9.279	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	59746	8.734	ug/l	95
54) cis-1,3-Dichloropropene	9.853	75	73674	8.935	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	33848	8.933	ug/l	95
56) Ethyl methacrylate	10.439	69	38473	8.133	ug/l	97
57) 1,3-Dichloropropane	10.713	76	58102	8.876	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	92984	40.157	ug/l	98
59) 2-Hexanone	10.756	43	79059	40.492	ug/l	100
60) Dibromochloromethane	10.908	129	43711	8.809	ug/l	99
61) 1,2-Dibromoethane	11.012	107	30636	8.903	ug/l	99
64) Tetrachloroethene	10.646	164	68560	10.575	ug/l	99
65) Chlorobenzene	11.438	112	146007	9.755	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.512	131	48542	9.509	ug/l	100
67) Ethyl Benzene	11.518	91	247552	9.331	ug/l	100
68) m/p-Xylenes	11.627	106	186725	18.350	ug/l	99
69) o-Xylene	11.950	106	86193	9.127	ug/l	100
70) Styrene	11.969	104	137633	8.898	ug/l	99
71) Bromoform	12.127	173	23193	8.949	ug/l #	98
73) Isopropylbenzene	12.249	105	229285	9.608	ug/l	100
74) N-amyl acetate	12.066	43	39921	8.873	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.499	83	31610	9.153	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	45505	12.845	ug/l #	100
77) Bromobenzene	12.530	156	48601	9.390	ug/l	98
78) n-propylbenzene	12.591	91	273348	9.618	ug/l	100
79) 2-Chlorotoluene	12.676	91	154267	9.652	ug/l	99
80) 1,3,5-Trimethylbenzene	12.731	105	178551	9.486	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	10642	9.037	ug/l	97
82) 4-Chlorotoluene	12.774	91	154131	9.561	ug/l	98
83) tert-Butylbenzene	12.993	119	157733	9.277	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	172262	9.297	ug/l	100
85) sec-Butylbenzene	13.170	105	242143	9.504	ug/l	100
86) p-Isopropyltoluene	13.286	119	190964	9.229	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	97707	9.354	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	96650	9.564	ug/l	97
89) n-Butylbenzene	13.615	91	176599	9.249	ug/l	99
90) Hexachloroethane	13.877	117	40137	9.369	ug/l	98
91) 1,2-Dichlorobenzene	13.651	146	81887	9.294	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.267	75	4700	9.166	ug/l	95
93) 1,2,4-Trichlorobenzene	14.913	180	40871	8.800	ug/l	99
94) Hexachlorobutadiene	15.017	225	27714	9.465	ug/l	98
95) Naphthalene	15.139	128	59039	7.926	ug/l	98
96) 1,2,3-Trichlorobenzene	15.328	180	33923	8.846	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071825\
Data File : VY022991.D
Acq On : 18 Jul 2025 10:54
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

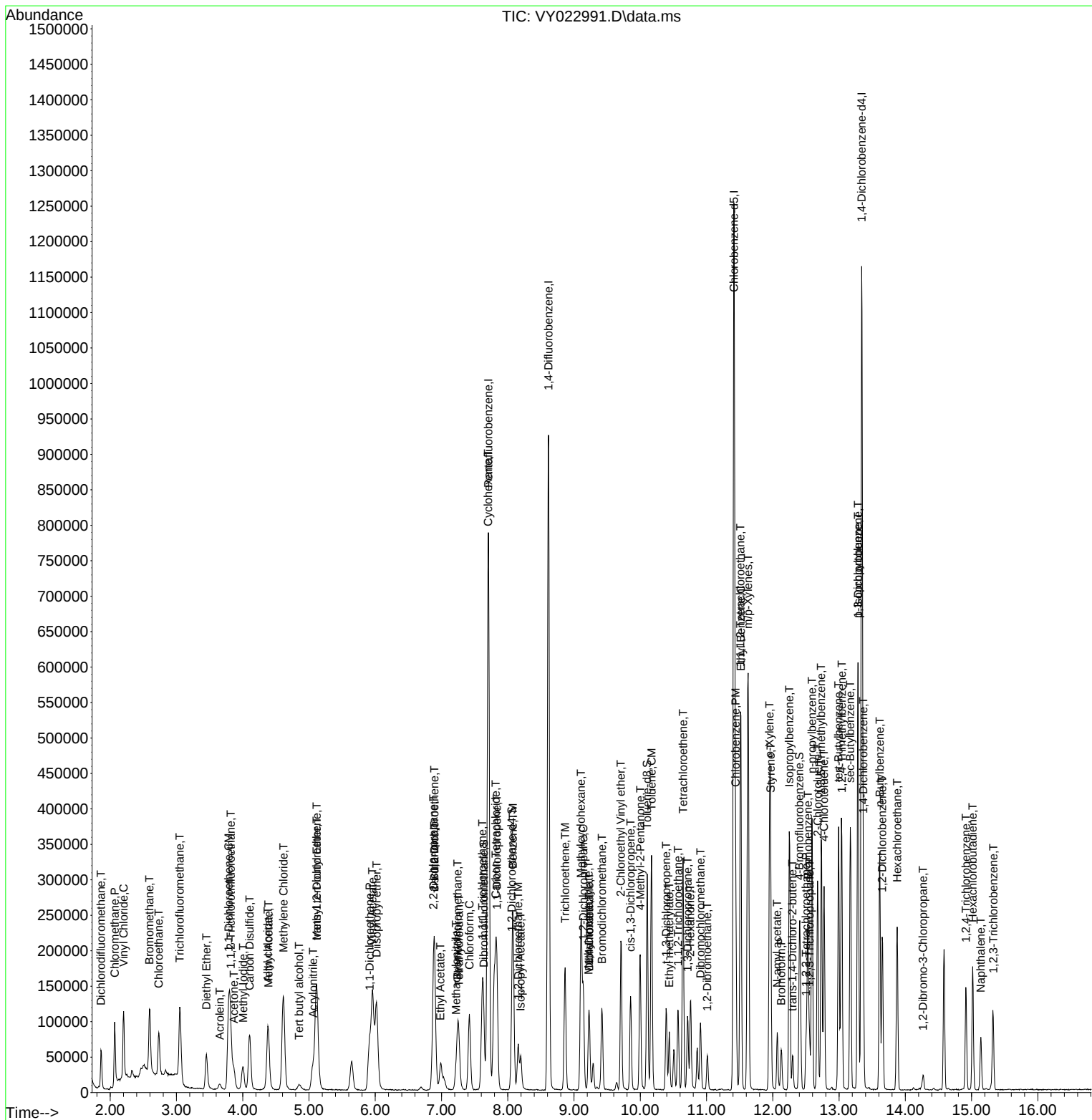
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

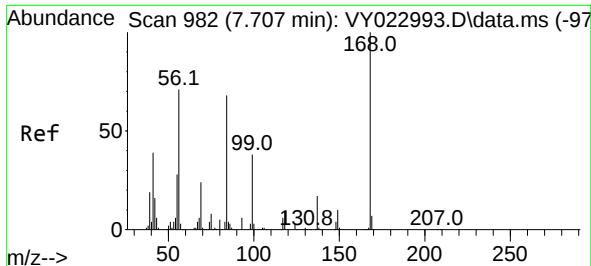
Quant Time: Jul 19 01:30:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071825S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 19 01:28:30 2025
Response via : Initial Calibration

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

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

Quant Time: Jul 19 01:30:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071825S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 19 01:28:30 2025
Response via : Initial Calibration

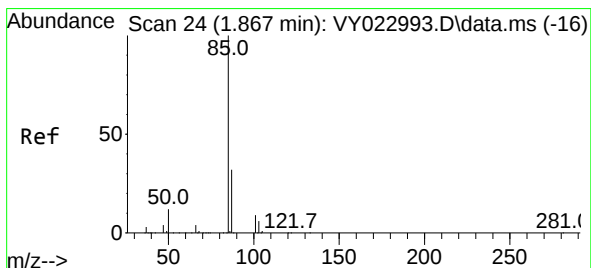
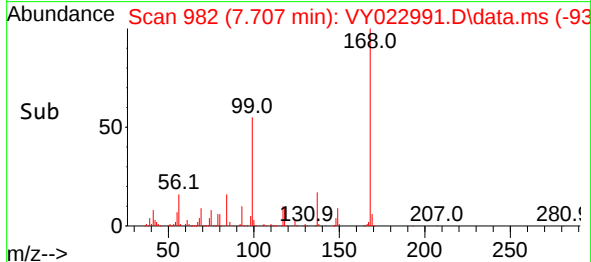
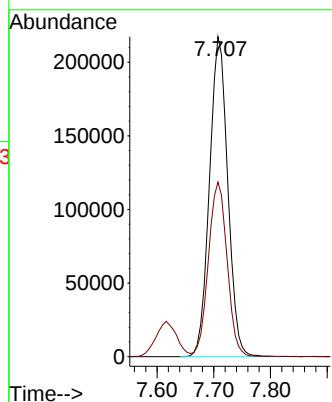
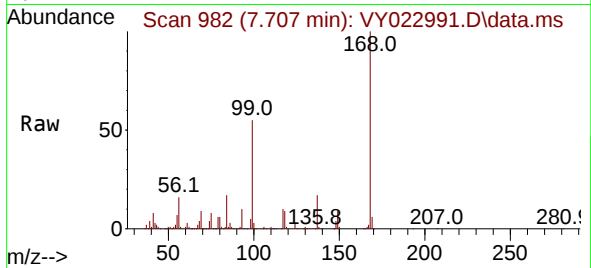




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

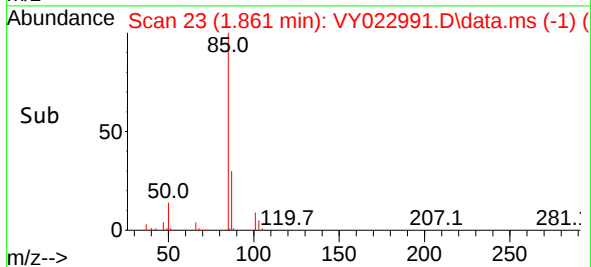
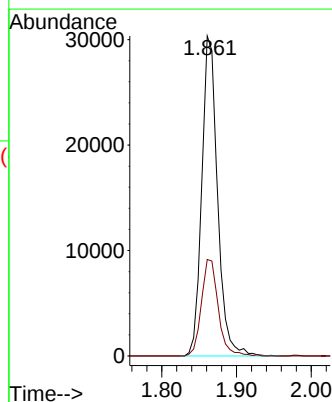
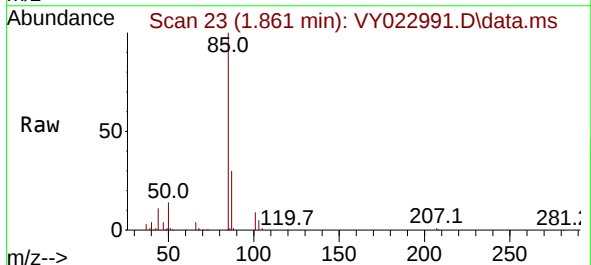
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

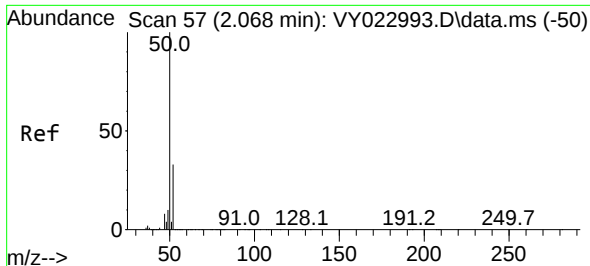
Tgt Ion:168 Resp: 486665
Ion Ratio Lower Upper
168 100
99 54.5 44.4 66.6



#2
Dichlorodifluoromethane
Concen: 10.745 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

Tgt Ion: 85 Resp: 44400
Ion Ratio Lower Upper
85 100
87 30.2 16.0 47.9

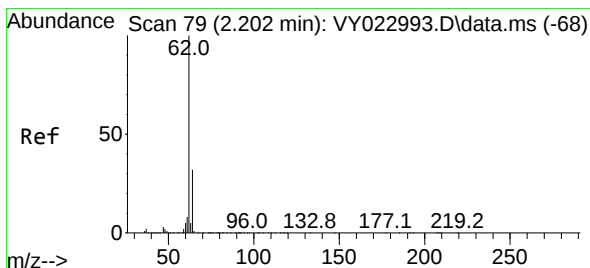
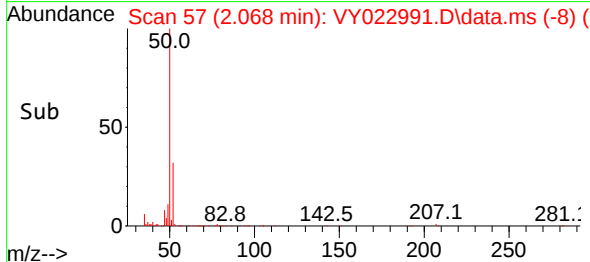
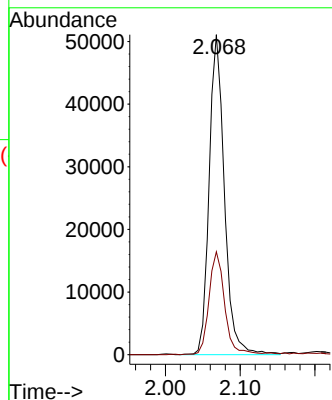
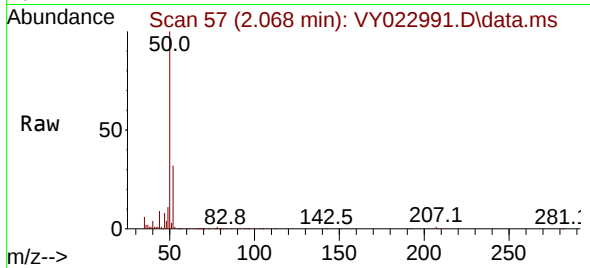




#3
Chloromethane
Concen: 10.296 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

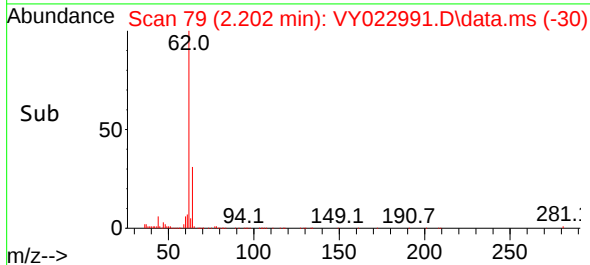
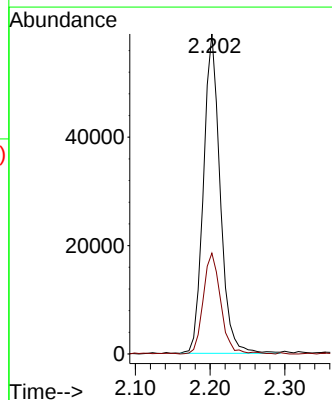
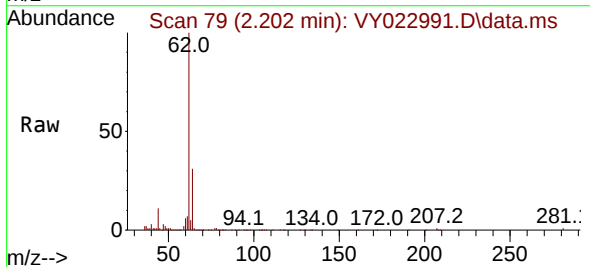
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

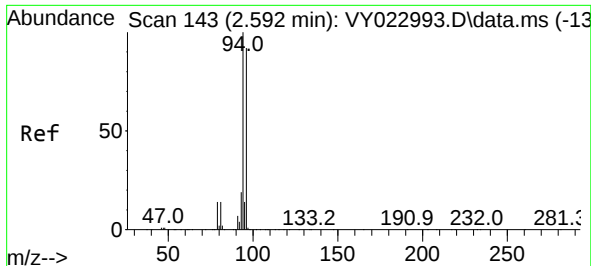
Tgt Ion: 50 Resp: 72344
Ion Ratio Lower Upper
50 100
52 32.1 26.6 39.8



#4
Vinyl Chloride
Concen: 10.269 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

Tgt Ion: 62 Resp: 91411
Ion Ratio Lower Upper
62 100
64 31.6 25.2 37.8

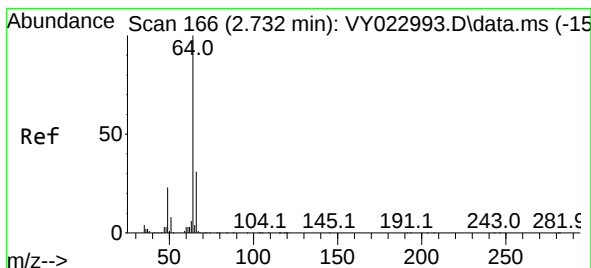
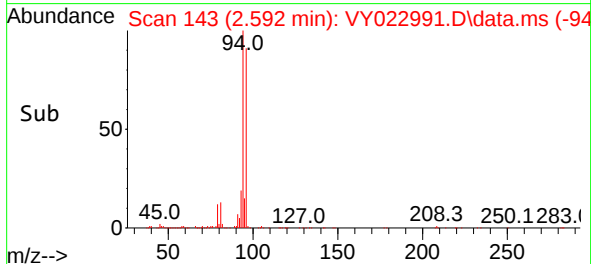
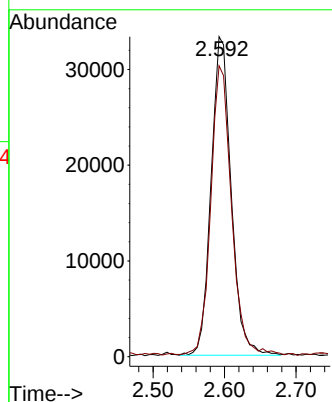
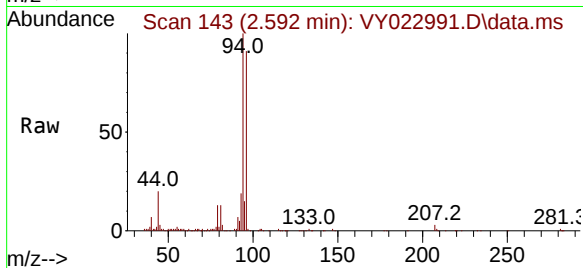




#5
Bromomethane
Concen: 10.082 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

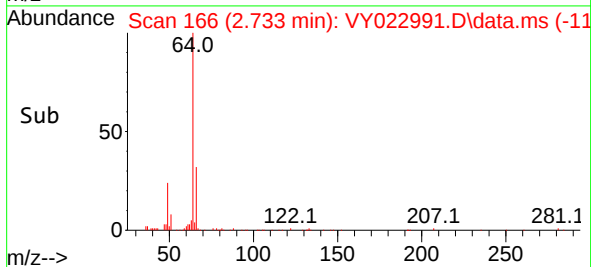
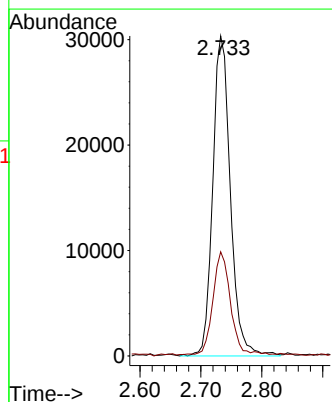
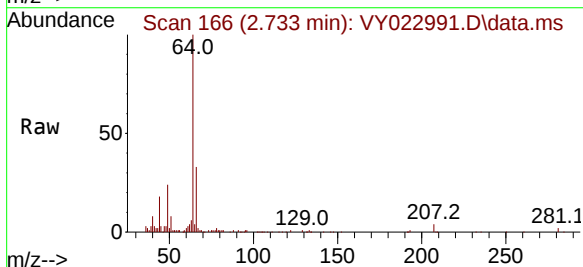
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

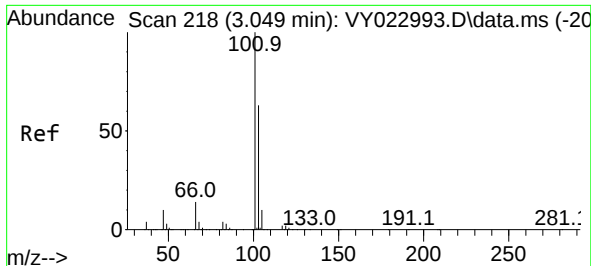
Tgt Ion: 94 Resp: 64771
Ion Ratio Lower Upper
94 100
96 90.6 73.9 110.9



#6
Chloroethane
Concen: 10.269 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

Tgt Ion: 64 Resp: 61053
Ion Ratio Lower Upper
64 100
66 32.1 24.9 37.3

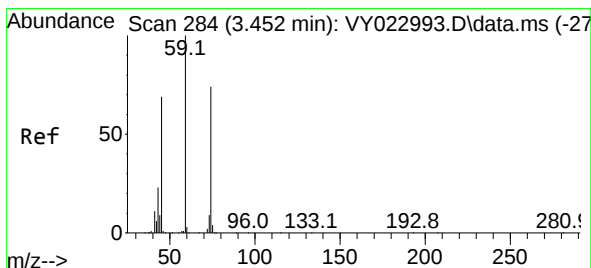
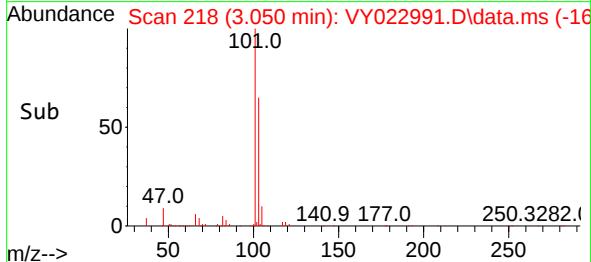
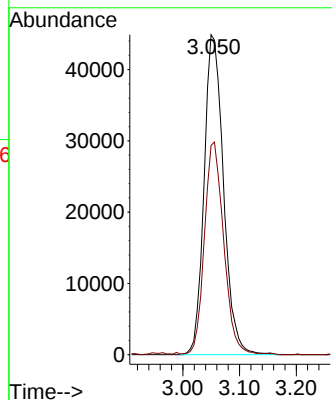
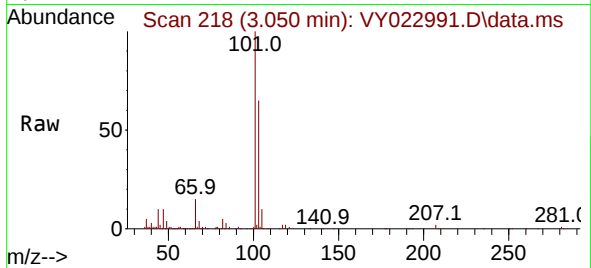




#7
Trichlorofluoromethane
Concen: 10.335 ug/l
RT: 3.050 min Scan# 218
Delta R.T. 0.000 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

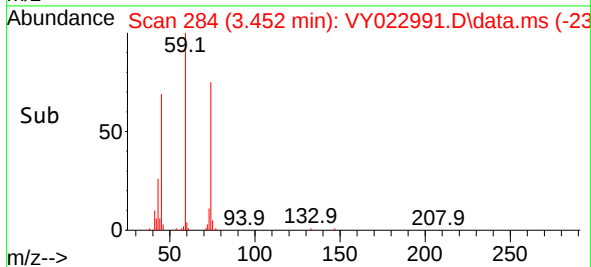
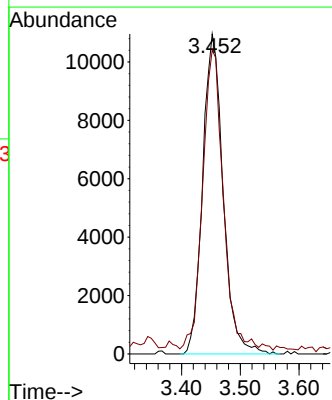
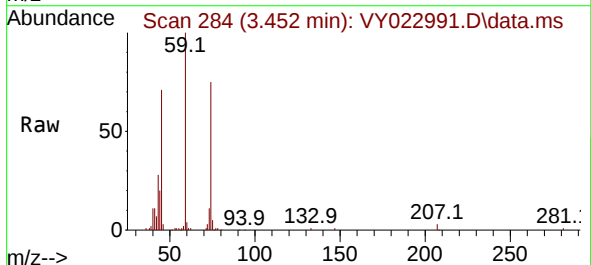
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

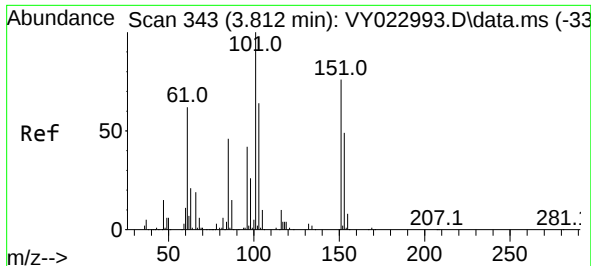
Tgt Ion:101 Resp: 106798
Ion Ratio Lower Upper
101 100
103 65.4 50.7 76.1



#8
Diethyl Ether
Concen: 9.809 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

Tgt Ion: 74 Resp: 26530
Ion Ratio Lower Upper
74 100
45 93.0 45.1 135.2

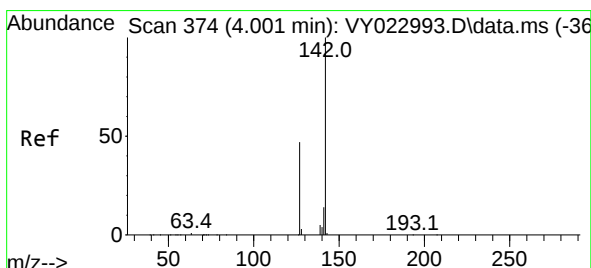
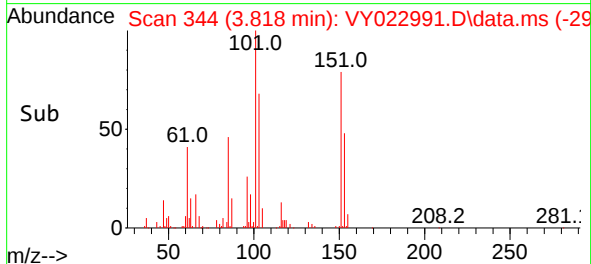
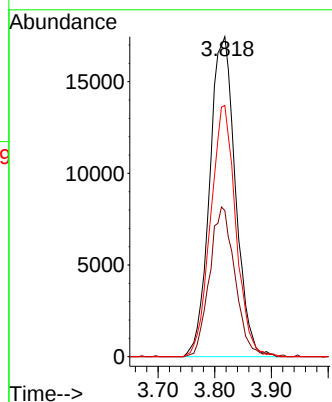
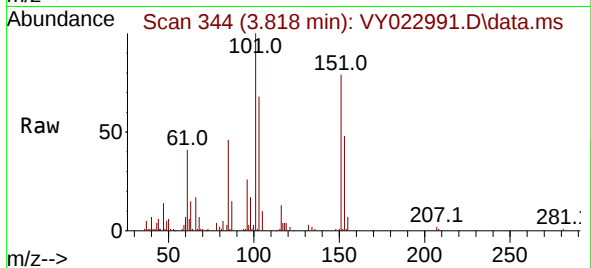




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.159 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

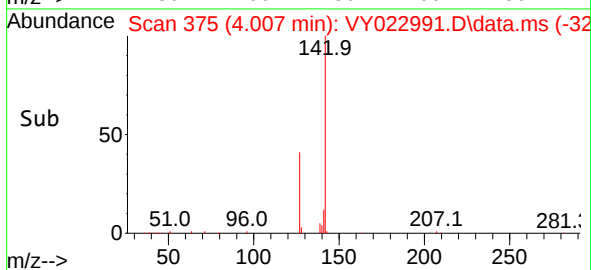
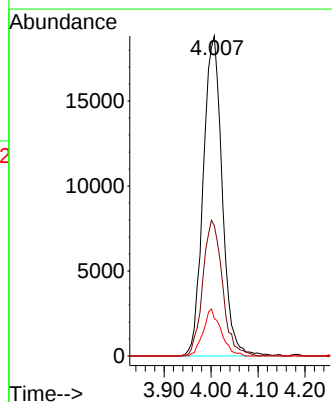
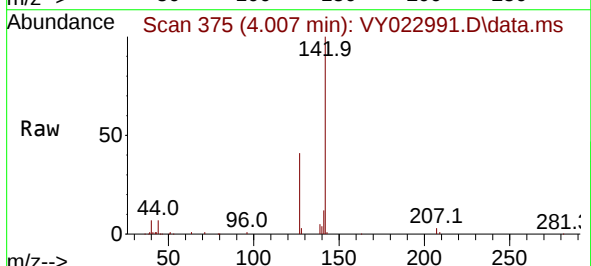
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

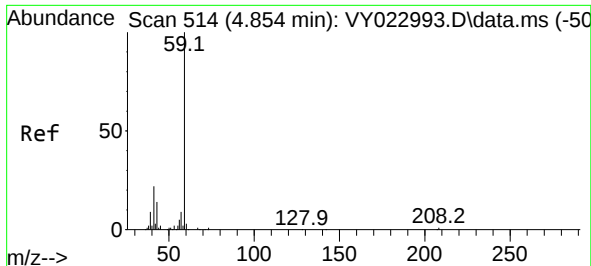
Tgt Ion:101 Resp: 55150
Ion Ratio Lower Upper
101 100
85 46.3 37.2 55.8
151 76.9 59.7 89.5



#10
Methyl Iodide
Concen: 9.358 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

Tgt Ion:142 Resp: 52773
Ion Ratio Lower Upper
142 100
127 44.0 37.0 55.6
141 13.9 11.4 17.2

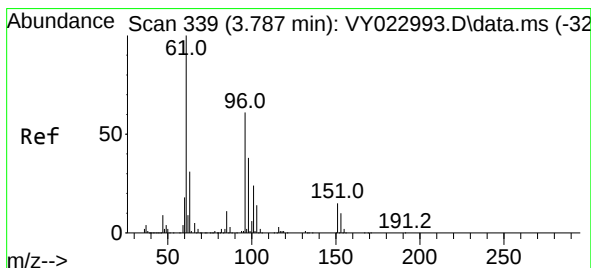
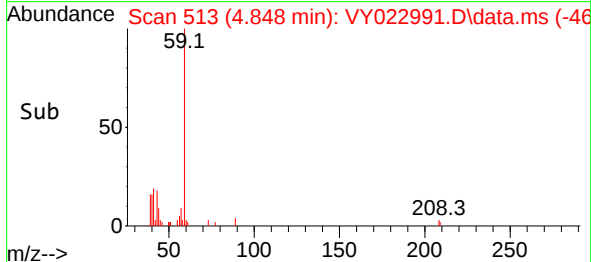
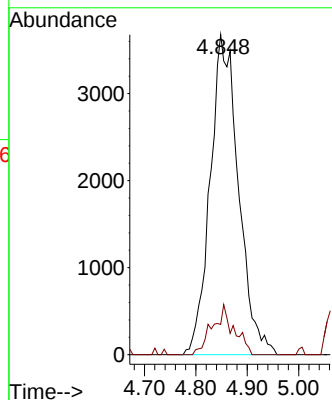
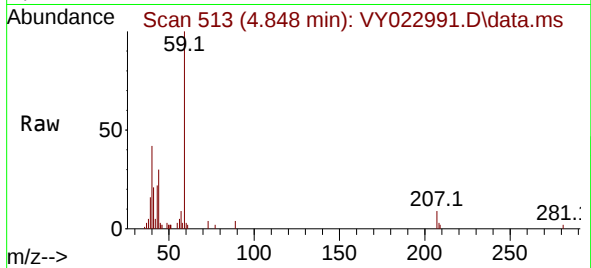




#11
Tert butyl alcohol
Concen: 47.002 ug/l
RT: 4.848 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

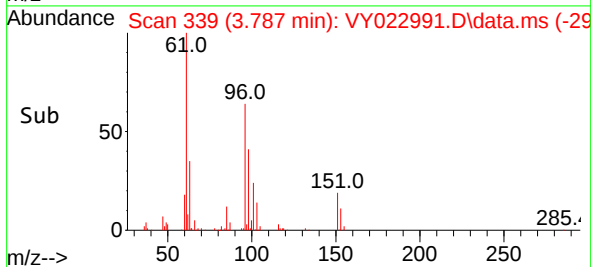
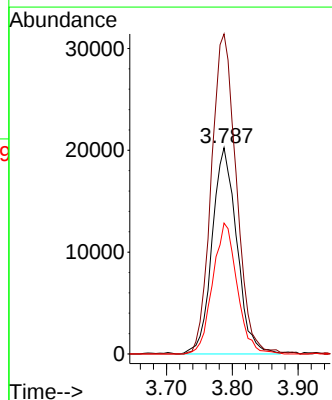
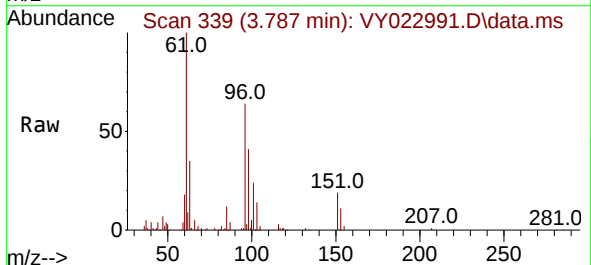
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

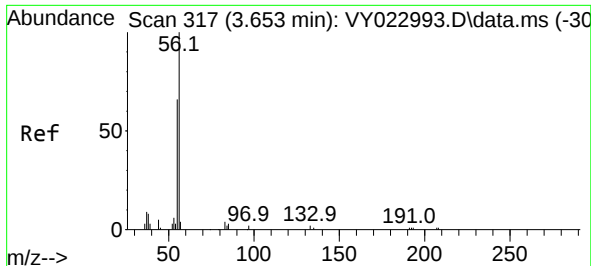
Tgt Ion: 59 Resp: 14081
Ion Ratio Lower Upper
59 100
57 11.8 8.2 12.2



#12
1,1-Dichloroethene
Concen: 10.239 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

Tgt Ion: 96 Resp: 52948
Ion Ratio Lower Upper
96 100
61 155.2 130.4 195.6
98 63.5 49.6 74.4





#13

Acrolein

Concen: 66.092 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.000 min

Lab File: VY022991.D

Acq: 18 Jul 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

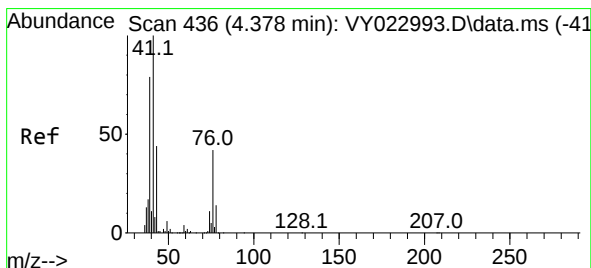
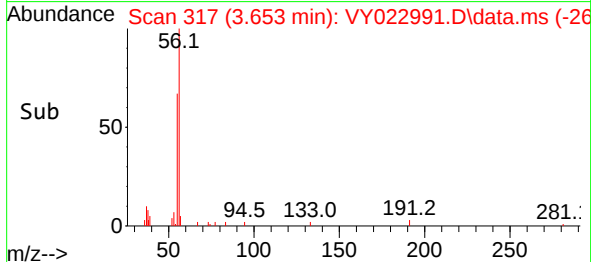
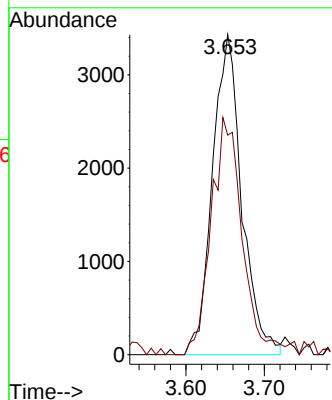
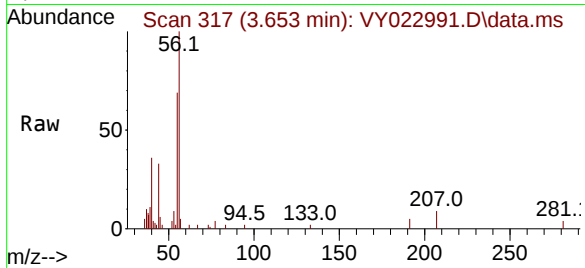
VSTDIC010

Tgt Ion: 56 Resp: 8925

Ion Ratio Lower Upper

56 100

55 78.3 57.8 86.6



#14

Allyl chloride

Concen: 9.545 ug/l

RT: 4.379 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY022991.D

Acq: 18 Jul 2025 10:54

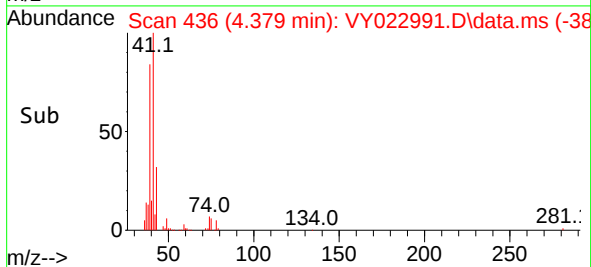
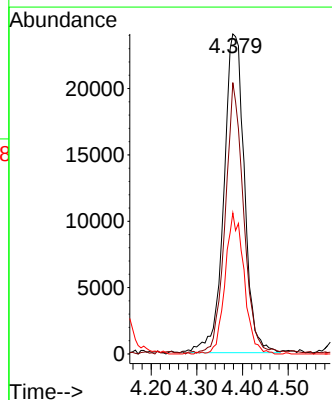
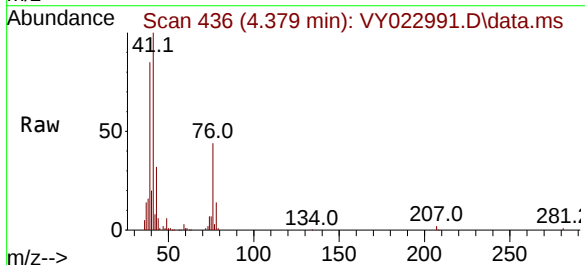
Tgt Ion: 41 Resp: 75202

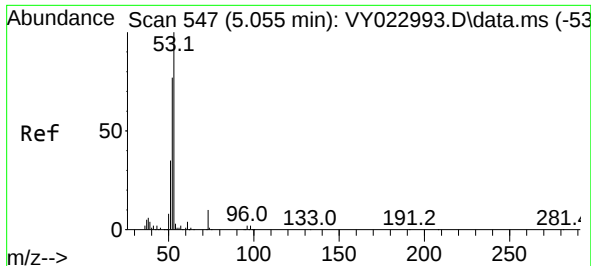
Ion Ratio Lower Upper

41 100

39 75.7 60.1 90.1

76 40.5 32.2 48.4

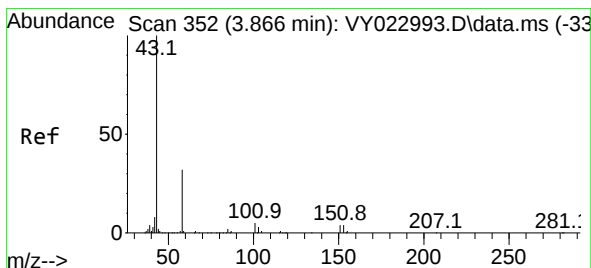
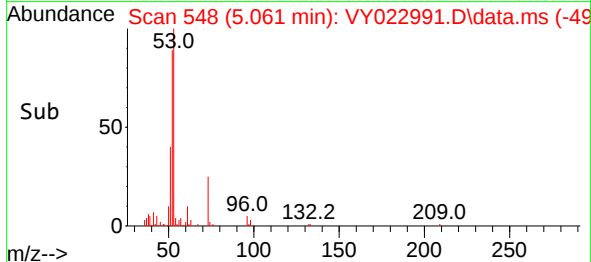
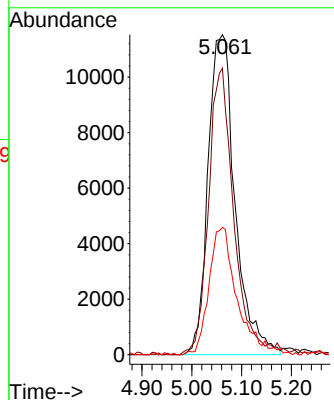
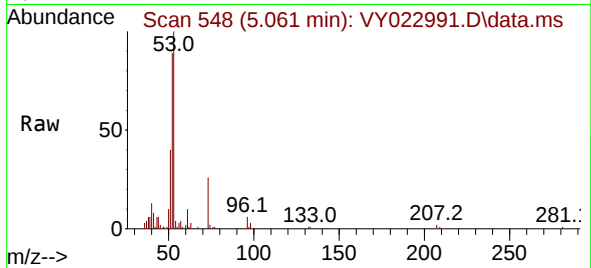




#15
Acrylonitrile
Concen: 42.502 ug/l
RT: 5.061 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

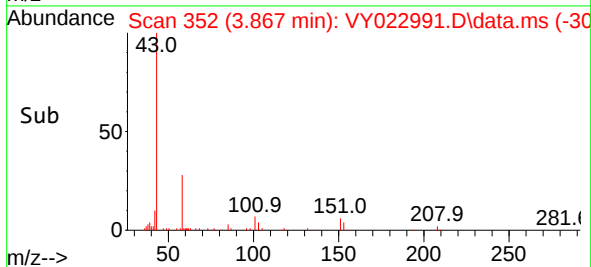
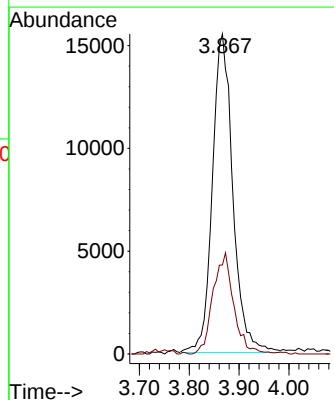
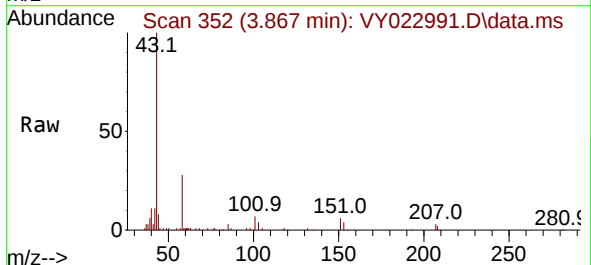
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

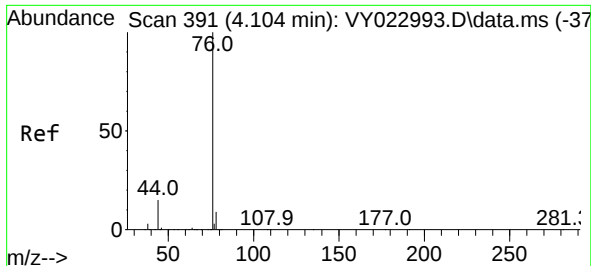
Tgt Ion: 53 Resp: 43540
Ion Ratio Lower Upper
53 100
52 82.8 65.2 97.8
51 41.3 30.3 45.5



#16
Acetone
Concen: 49.482 ug/l
RT: 3.867 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

Tgt Ion: 43 Resp: 44190
Ion Ratio Lower Upper
43 100
58 27.9 26.2 39.4

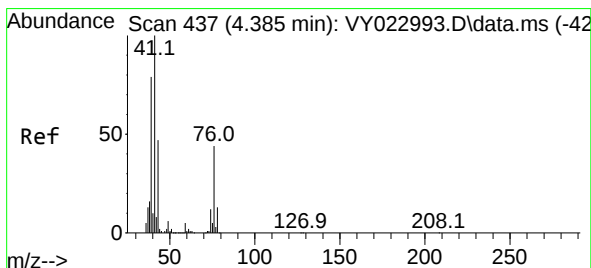
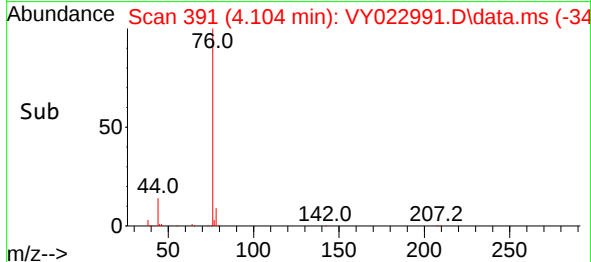
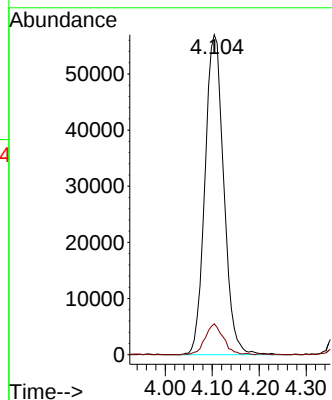
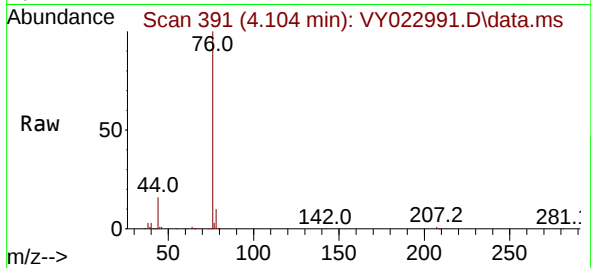




#17
Carbon Disulfide
Concen: 10.083 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

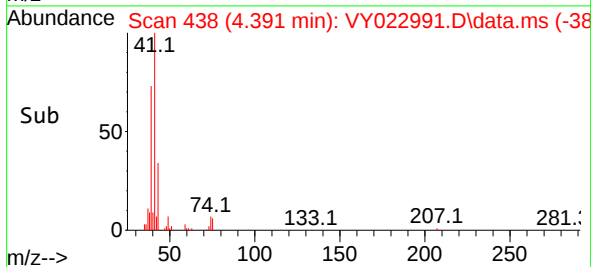
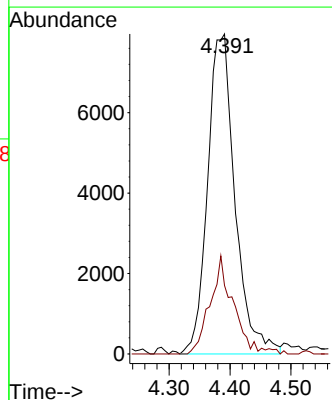
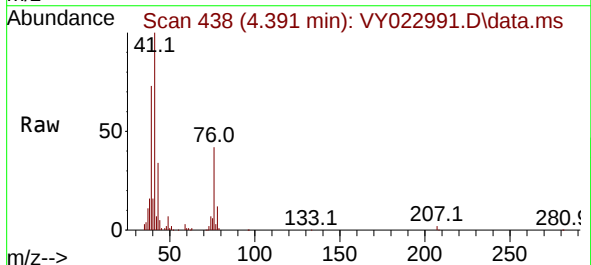
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

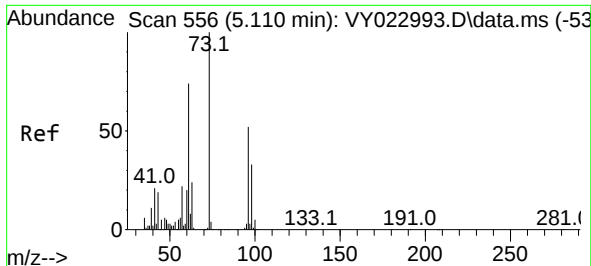
Tgt Ion: 76 Resp: 158034
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#18
Methyl Acetate
Concen: 8.228 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

Tgt Ion: 43 Resp: 24878
Ion Ratio Lower Upper
43 100
74 25.5 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 8.982 ug/l

RT: 5.116 min Scan# 511

Delta R.T. 0.006 min

Lab File: VY022991.D

Acq: 18 Jul 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

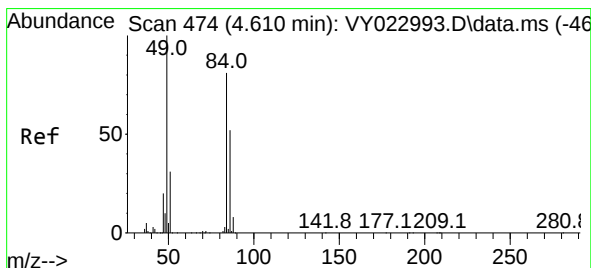
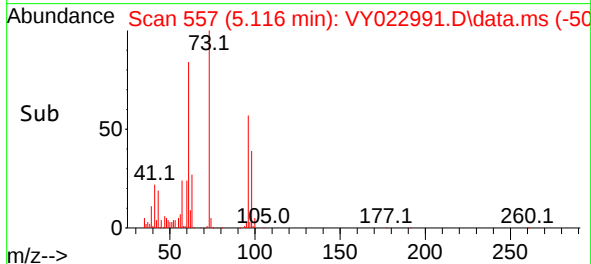
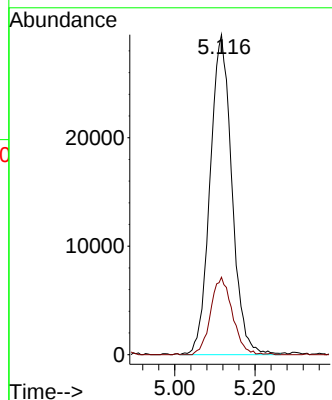
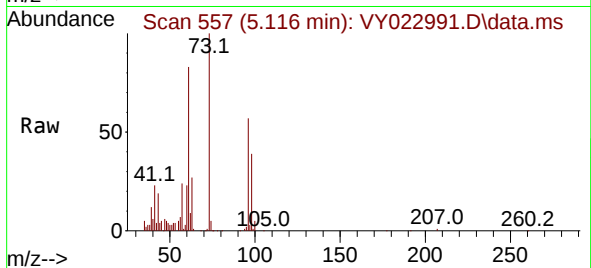
VSTDIC010

Tgt Ion: 73 Resp: 111411

Ion Ratio Lower Upper

73 100

57 24.2 17.4 26.2



#20

Methylene Chloride

Concen: 9.348 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY022991.D

Acq: 18 Jul 2025 10:54

Tgt Ion: 84 Resp: 101278

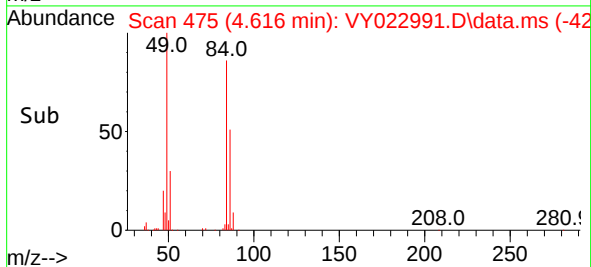
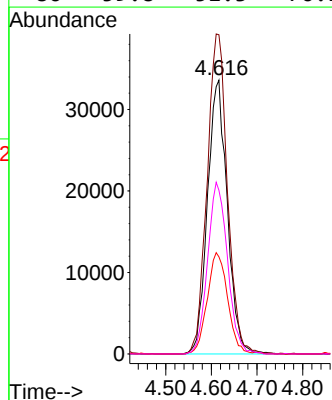
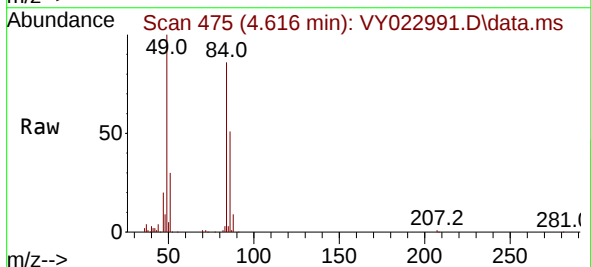
Ion Ratio Lower Upper

84 100

49 116.6 98.2 147.4

51 35.5 30.5 45.7

86 59.8 51.3 76.9

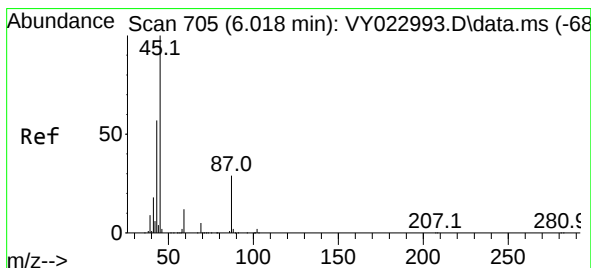
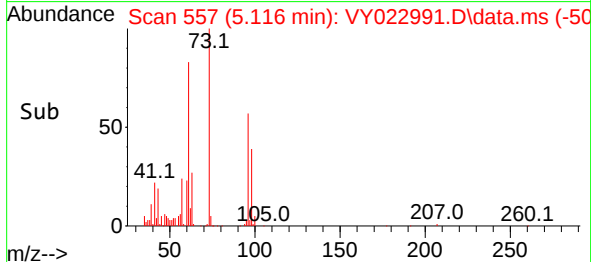
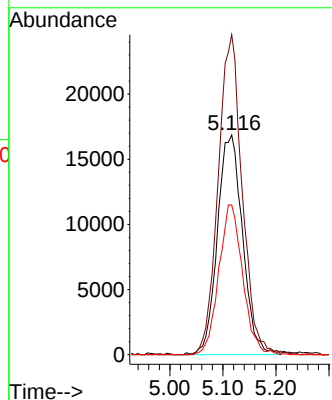
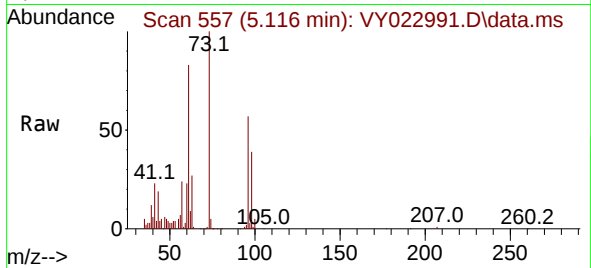




#21
trans-1,2-Dichloroethene
Concen: 9.657 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

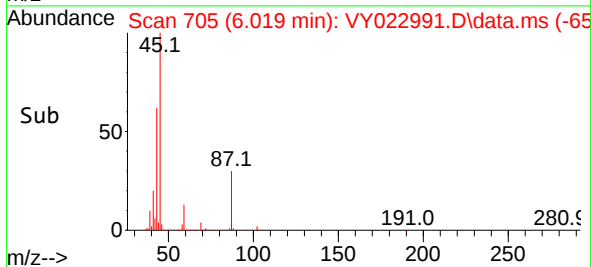
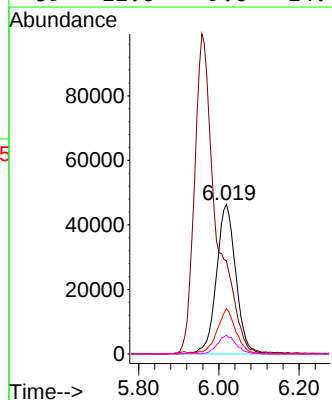
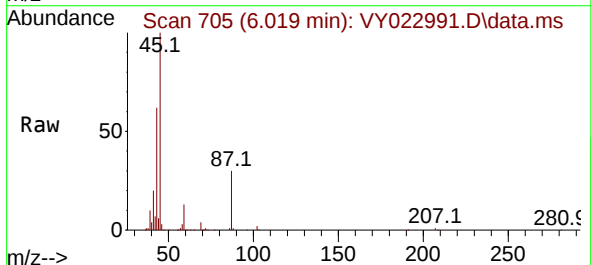
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

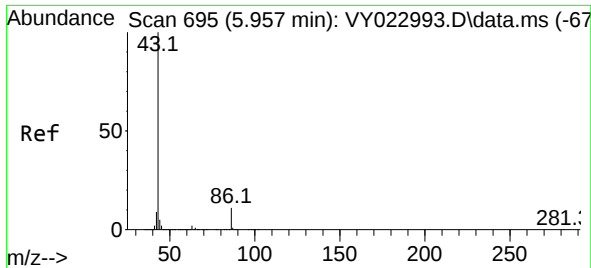
Tgt Ion: 96 Resp: 55587
Ion Ratio Lower Upper
96 100
61 145.6 107.4 161.2
98 68.2 49.3 73.9



#22
Diisopropyl ether
Concen: 9.274 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

Tgt Ion: 45 Resp: 155004
Ion Ratio Lower Upper
45 100
43 61.4 45.3 67.9
87 30.3 23.3 34.9
59 12.6 9.6 14.4

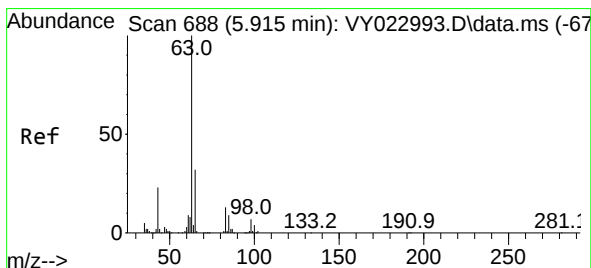
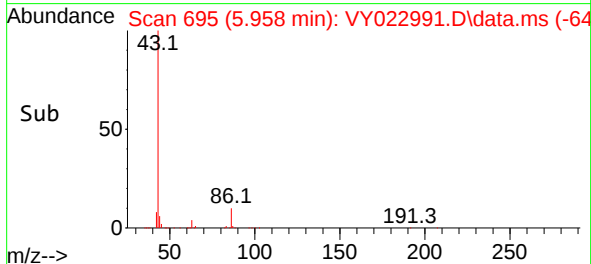
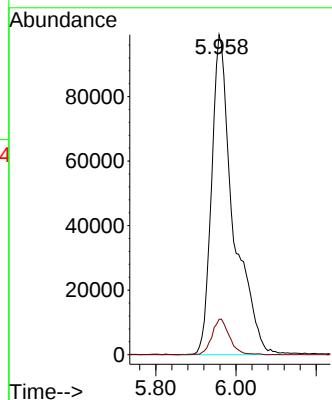
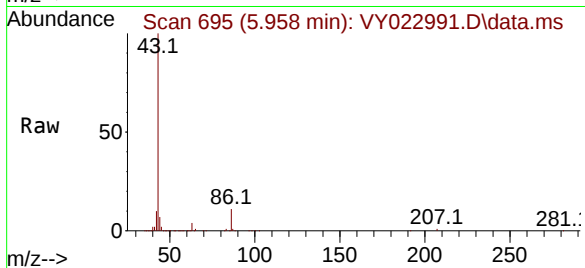




#23
 Vinyl Acetate
 Concen: 44.343 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY022991.D
 Acq: 18 Jul 2025 10:54

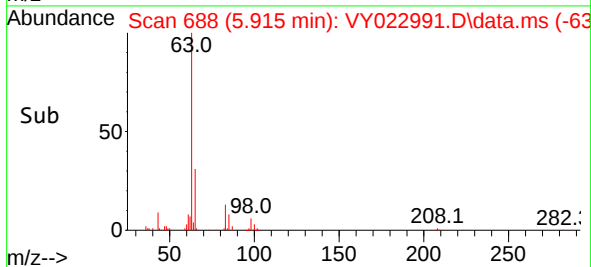
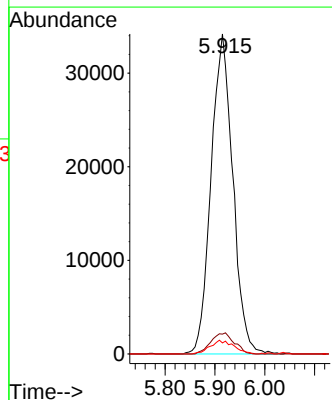
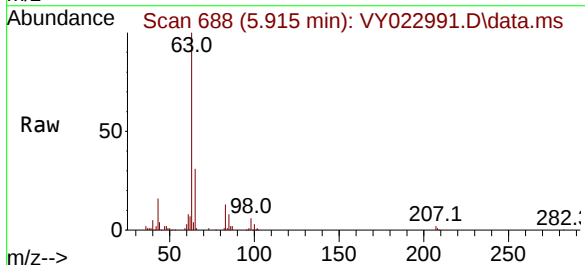
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

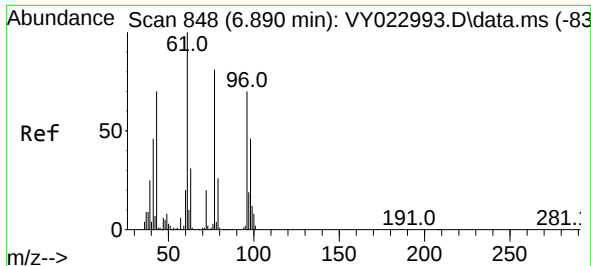
Tgt Ion: 43 Resp: 373434
 Ion Ratio Lower Upper
 43 100
 86 11.1 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 9.859 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY022991.D
 Acq: 18 Jul 2025 10:54

Tgt Ion: 63 Resp: 103495
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.5 10.5
 100 3.5 2.1 6.2

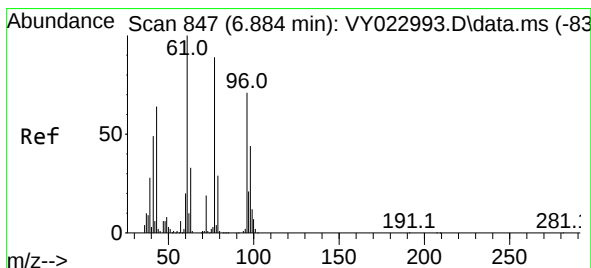
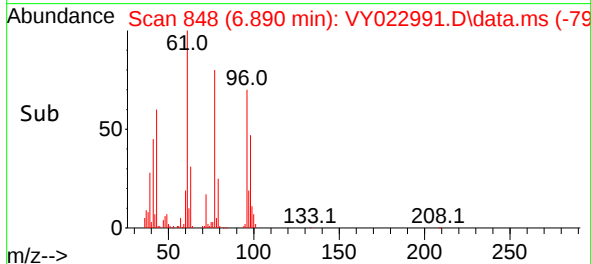
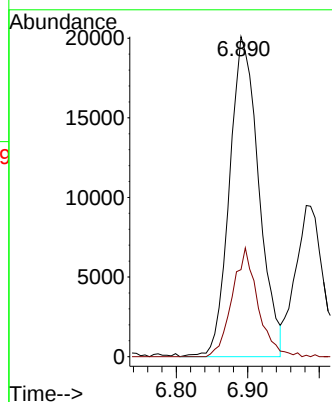
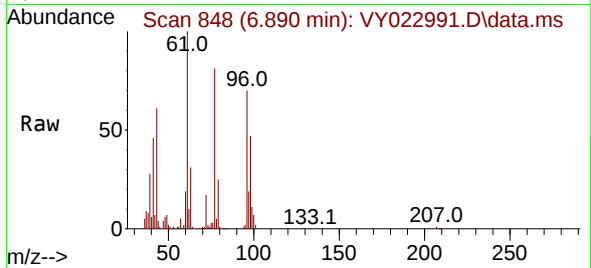




#25
2-Butanone
Concen: 44.650 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

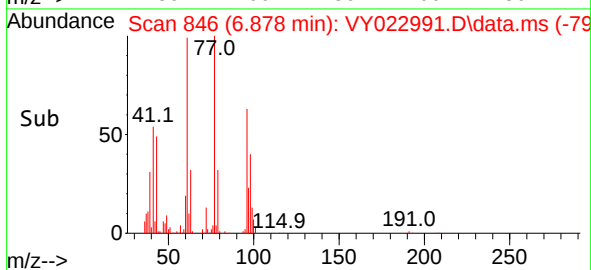
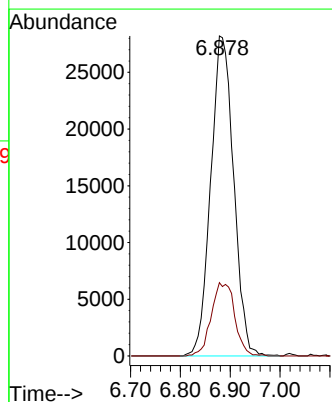
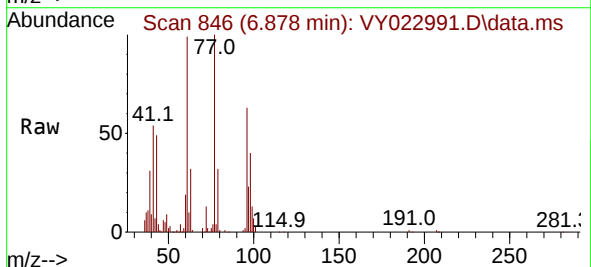
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

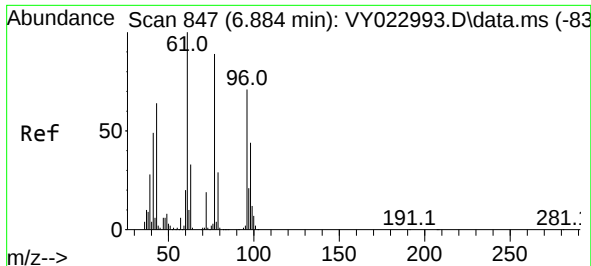
Tgt Ion: 43 Resp: 57204
Ion Ratio Lower Upper
43 100
72 27.2 22.9 34.3



#26
2,2-Dichloropropane
Concen: 9.787 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

Tgt Ion: 77 Resp: 90050
Ion Ratio Lower Upper
77 100
97 23.4 11.3 33.9



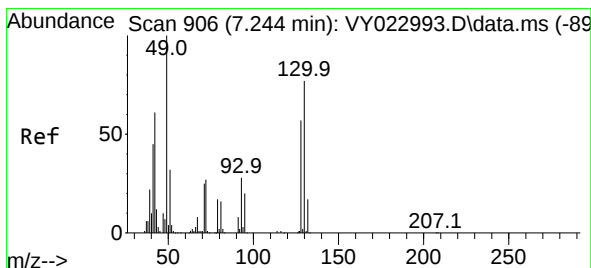
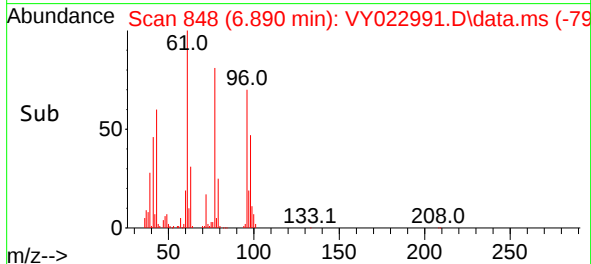
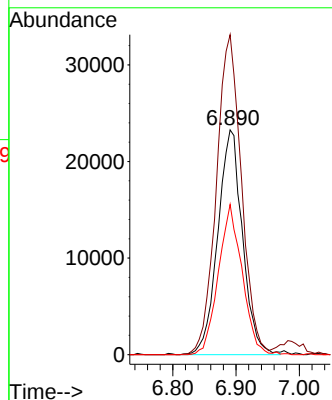
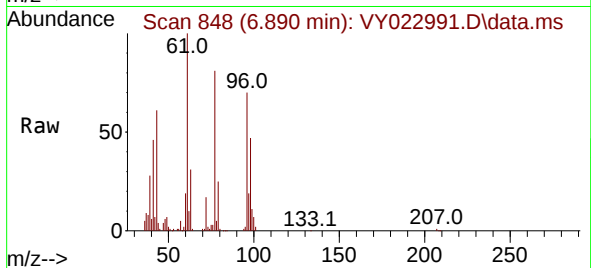


#27
 cis-1,2-Dichloroethene
 Concen: 9.501 ug/l
 RT: 6.890 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY022991.D
 Acq: 18 Jul 2025 10:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tgt Ion: 96 Resp: 63030

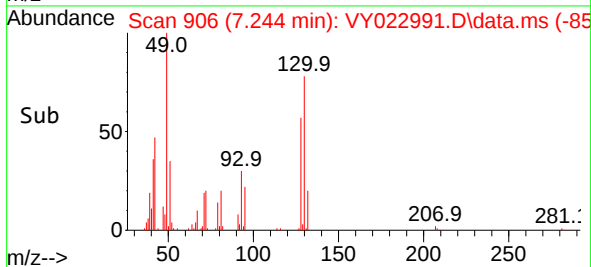
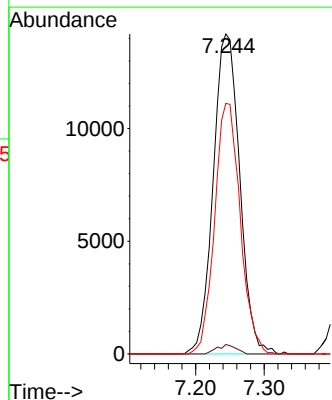
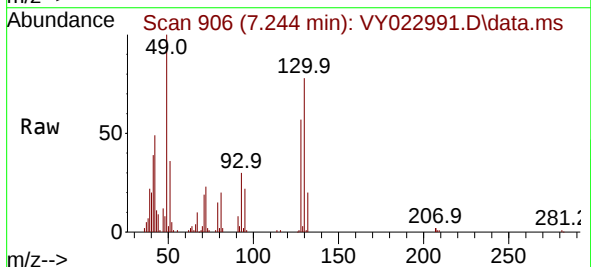
Ion	Ratio	Lower	Upper
96	100		
61	144.3	0.0	286.2
98	64.4	0.0	127.4

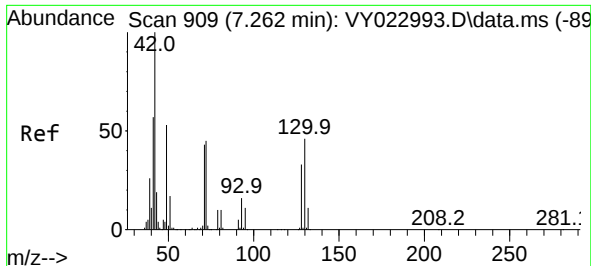


#28
 Bromochloromethane
 Concen: 9.356 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY022991.D
 Acq: 18 Jul 2025 10:54

Tgt Ion: 49 Resp: 38094

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	75.6	61.8	92.8





#29

Tetrahydrofuran

Concen: 41.597 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY022991.D

Acq: 18 Jul 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

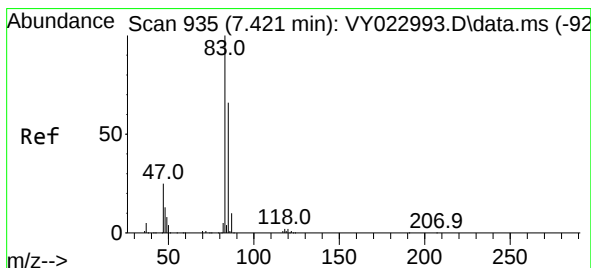
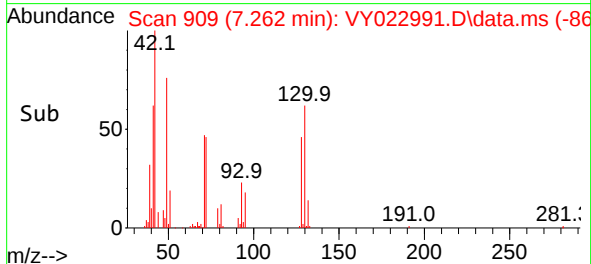
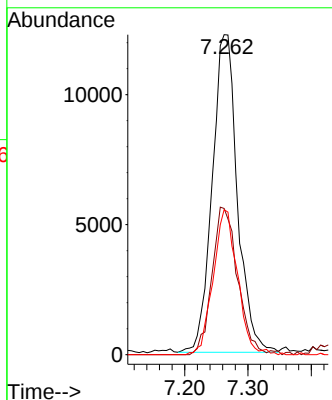
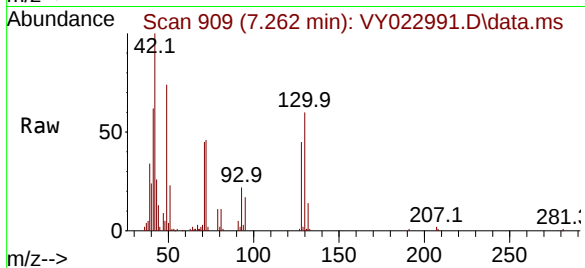
Tgt Ion: 42 Resp: 33741

Ion Ratio Lower Upper

42 100

72 46.9 37.5 56.3

71 44.2 34.2 51.4



#30

Chloroform

Concen: 9.890 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY022991.D

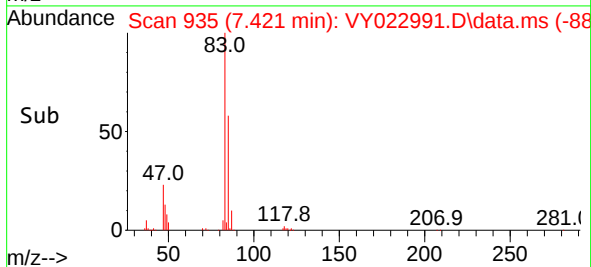
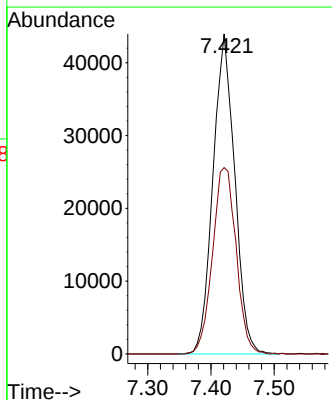
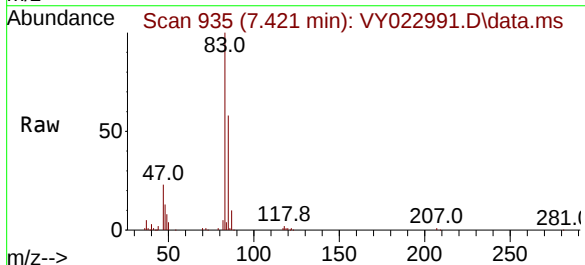
Acq: 18 Jul 2025 10:54

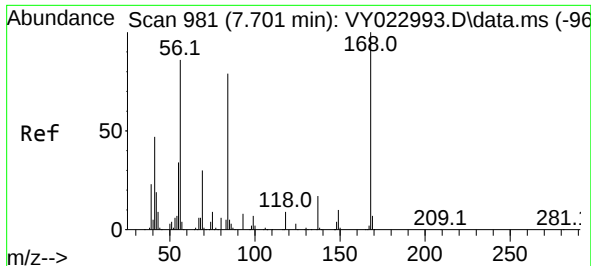
Tgt Ion: 83 Resp: 104738

Ion Ratio Lower Upper

83 100

85 58.2 52.6 78.8

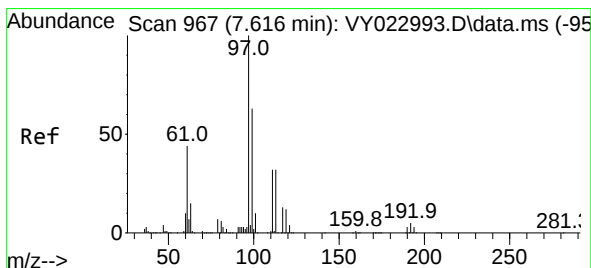
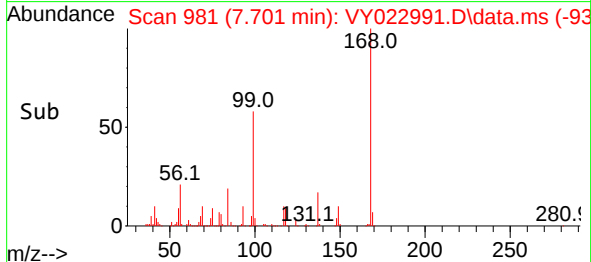
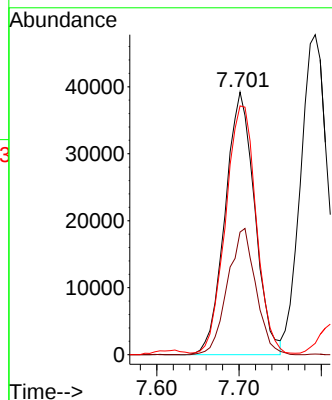
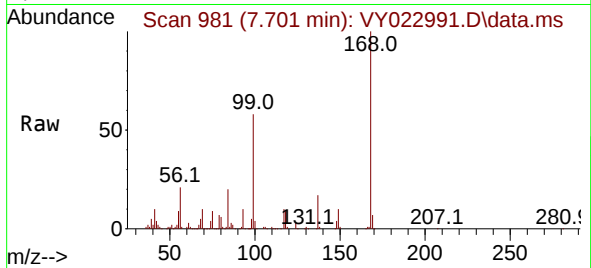




#31
Cyclohexane
Concen: 10.037 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

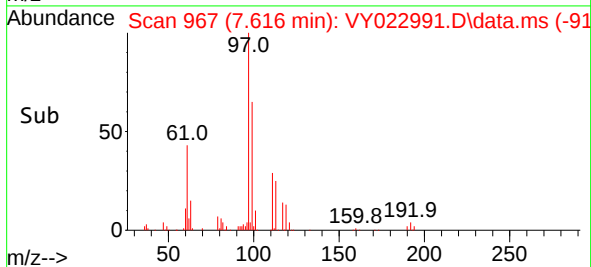
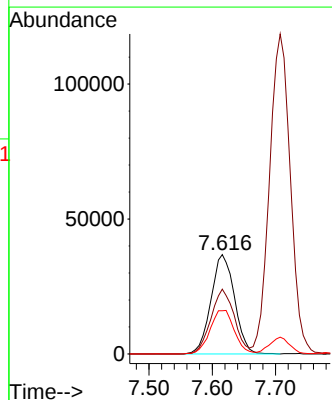
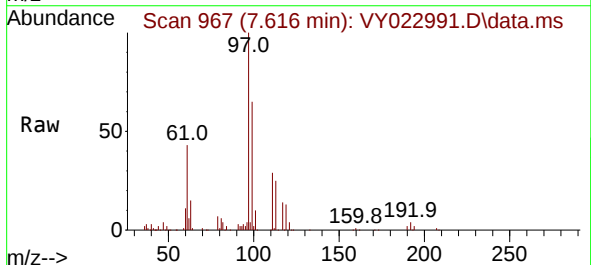
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

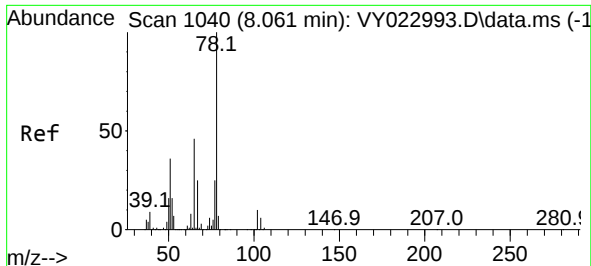
Tgt Ion: 56 Resp: 98453
Ion Ratio Lower Upper
56 100
69 46.7 28.1 42.1#
84 93.6 73.5 110.3



#32
1,1,1-Trichloroethane
Concen: 9.886 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

Tgt Ion: 97 Resp: 94990
Ion Ratio Lower Upper
97 100
99 64.9 51.1 76.7
61 45.5 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 9.538 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY022991.D

Acq: 18 Jul 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

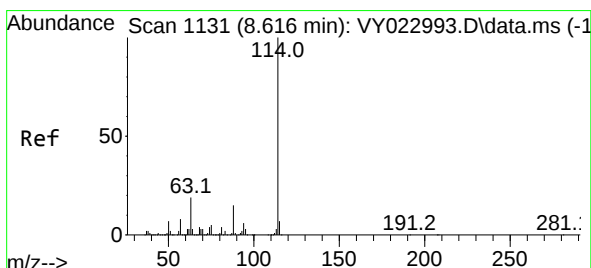
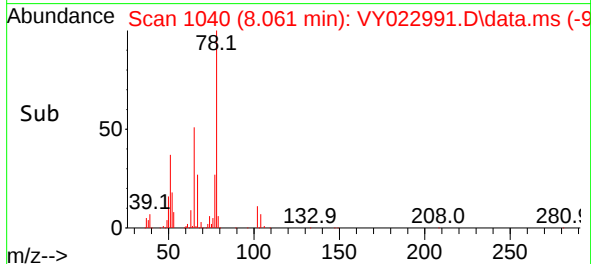
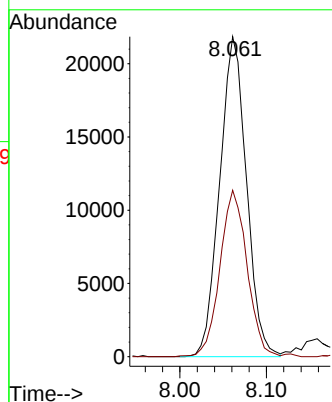
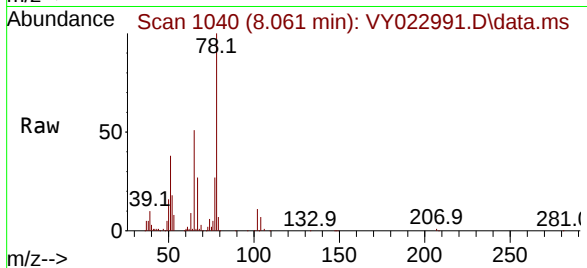
VSTDIC010

Tgt Ion: 65 Resp: 46989

Ion Ratio Lower Upper

65 100

67 52.6 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022991.D

Acq: 18 Jul 2025 10:54

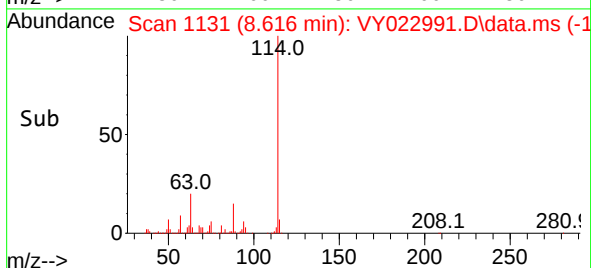
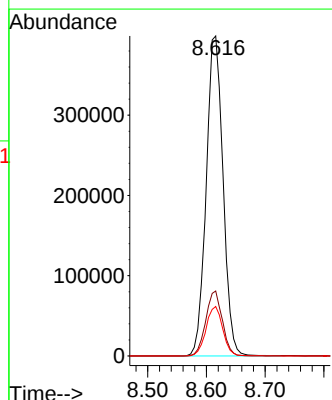
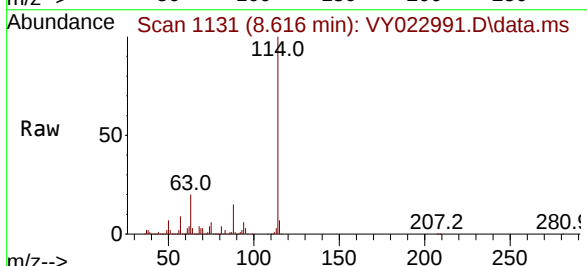
Tgt Ion: 114 Resp: 793912

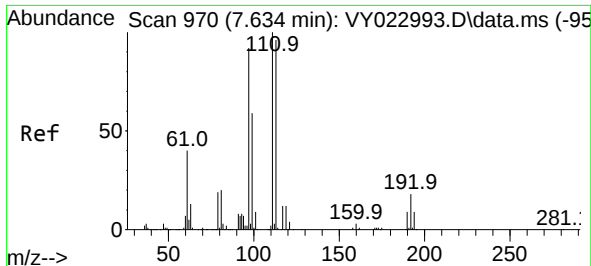
Ion Ratio Lower Upper

114 100

63 20.3 0.0 38.8

88 15.5 0.0 30.2

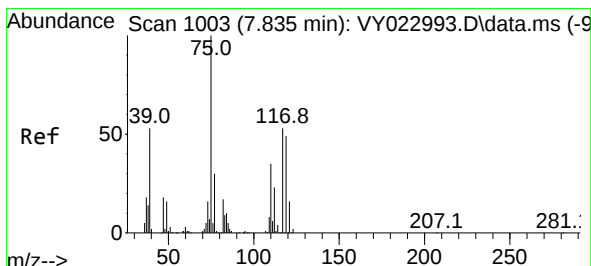
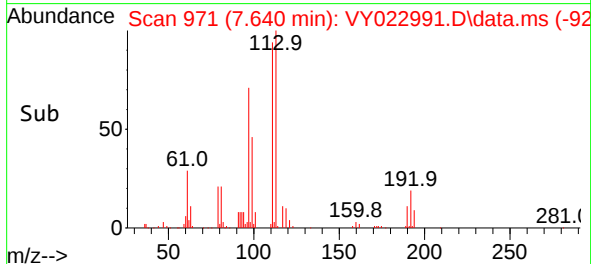
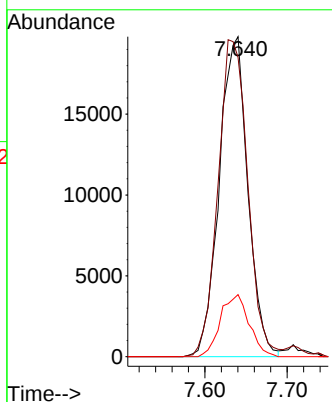
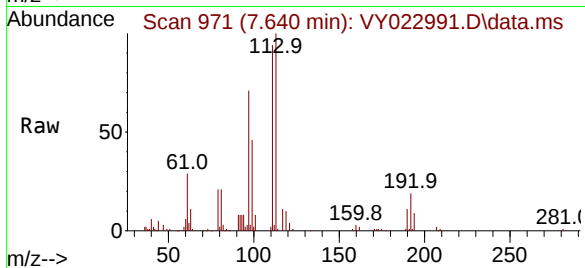




#35
Dibromofluoromethane
Concen: 9.519 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

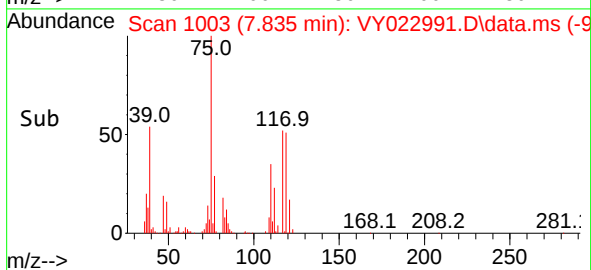
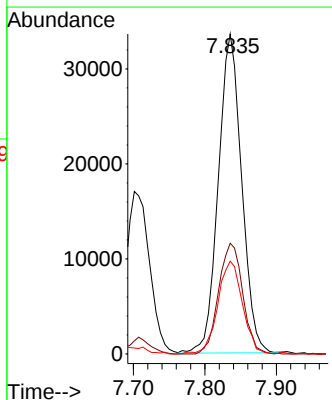
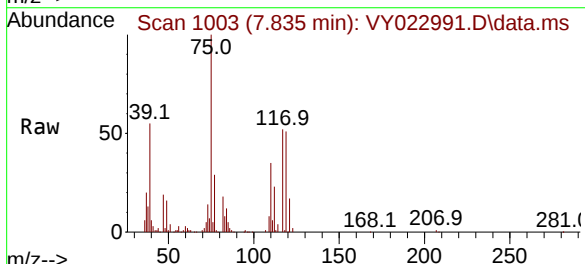
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

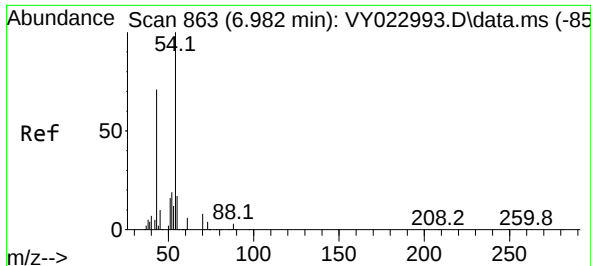
Tgt Ion:113 Resp: 47940
Ion Ratio Lower Upper
113 100
111 102.9 83.2 124.8
192 19.5 15.3 22.9



#36
1,1-Dichloropropene
Concen: 9.585 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

Tgt Ion: 75 Resp: 76035
Ion Ratio Lower Upper
75 100
110 36.0 17.3 51.9
77 30.7 24.6 37.0





#37

Ethyl Acetate

Concen: 8.834 ug/l

RT: 6.982 min Scan# 863

Delta R.T. 0.000 min

Lab File: VY022991.D

Acq: 18 Jul 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

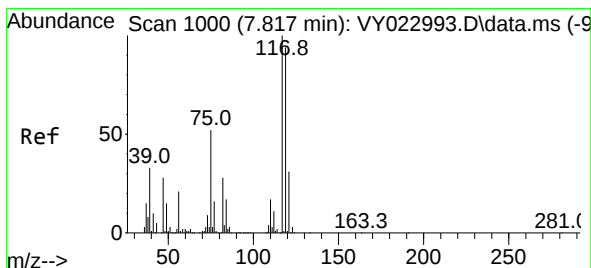
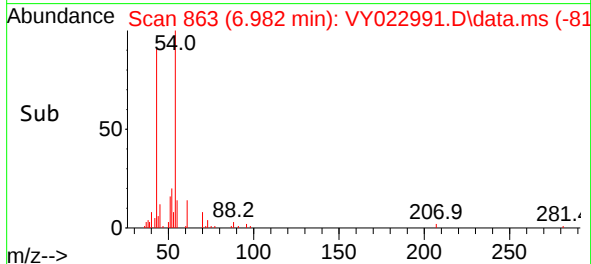
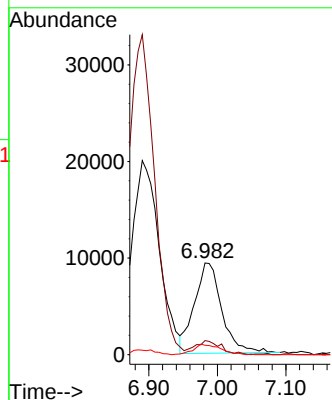
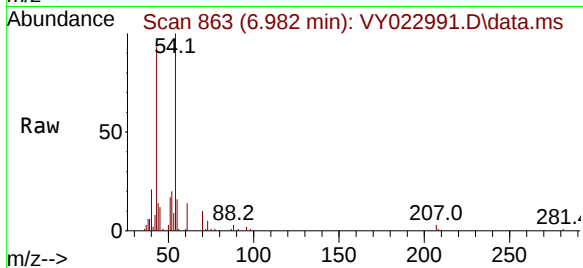
Tgt Ion: 43 Resp: 26025

Ion Ratio Lower Upper

43 100

61 14.9 11.6 17.4

70 11.4 8.5 12.7



#38

Carbon Tetrachloride

Concen: 9.764 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY022991.D

Acq: 18 Jul 2025 10:54

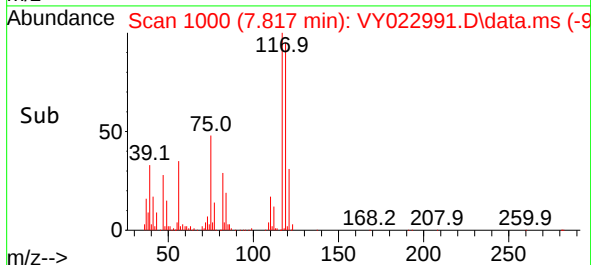
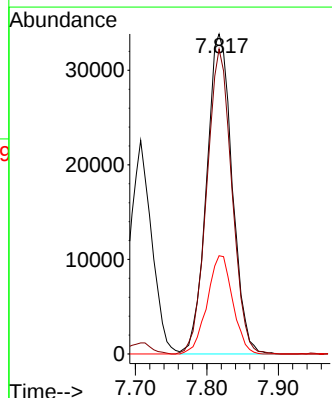
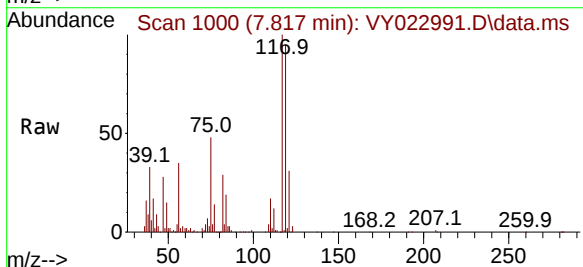
Tgt Ion: 117 Resp: 84148

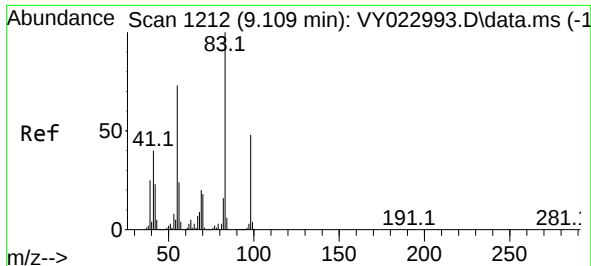
Ion Ratio Lower Upper

117 100

119 95.3 74.9 112.3

121 30.7 24.6 37.0





#39

Methylcyclohexane

Concen: 9.412 ug/l

RT: 9.103 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022991.D

Acq: 18 Jul 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

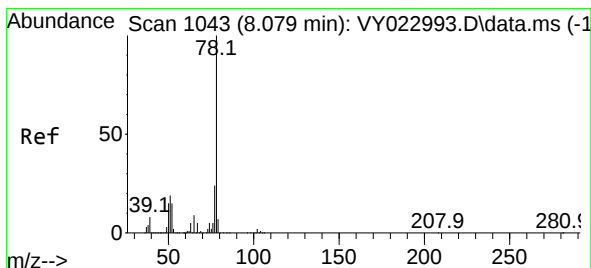
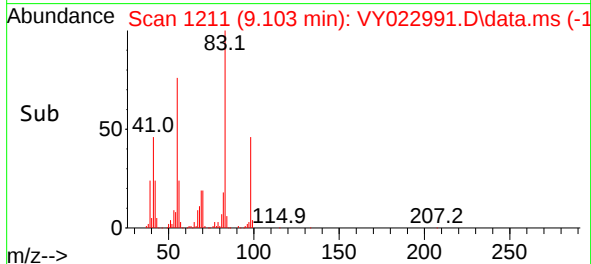
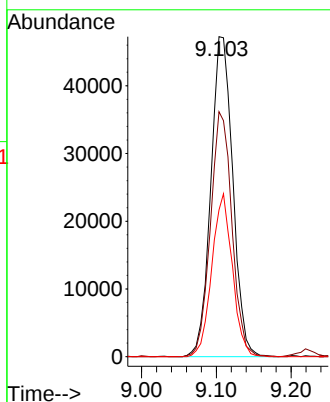
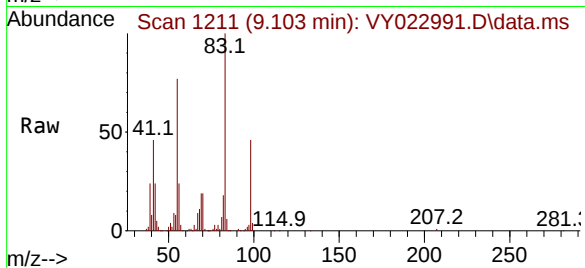
Tgt Ion: 83 Resp: 96640

Ion Ratio Lower Upper

83 100

55 76.6 58.1 87.1

98 45.9 38.5 57.7



#40

Benzene

Concen: 9.450 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY022991.D

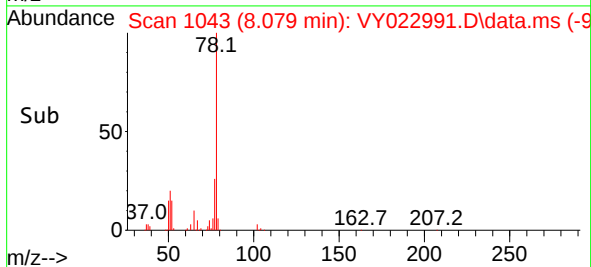
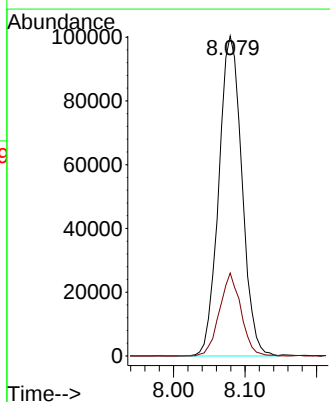
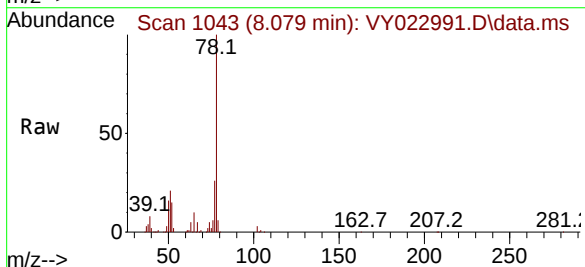
Acq: 18 Jul 2025 10:54

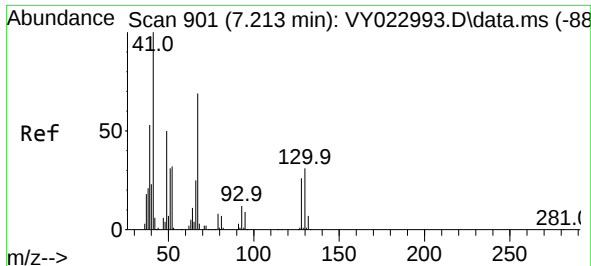
Tgt Ion: 78 Resp: 225702

Ion Ratio Lower Upper

78 100

77 25.9 19.0 28.4

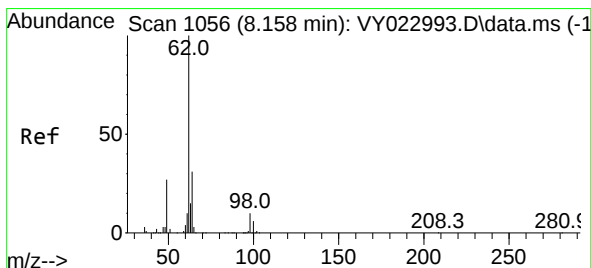
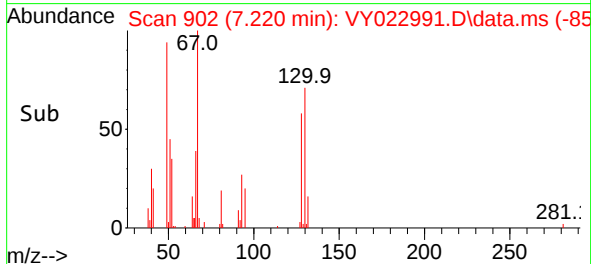
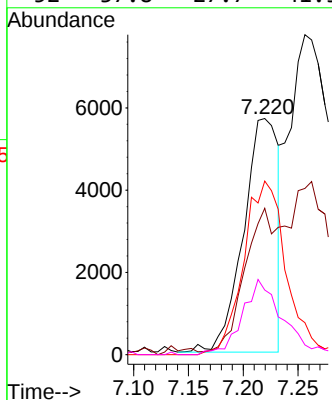
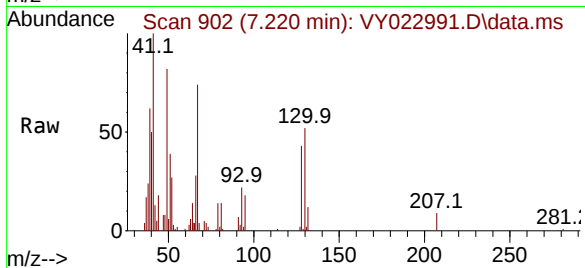




#41
Methacrylonitrile
Concen: 8.052 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

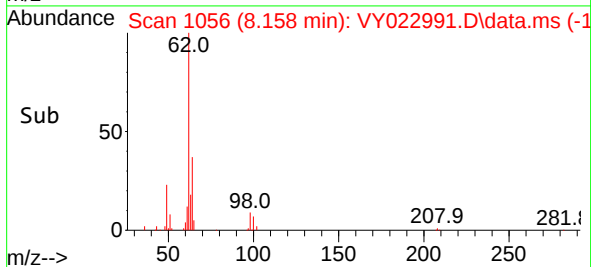
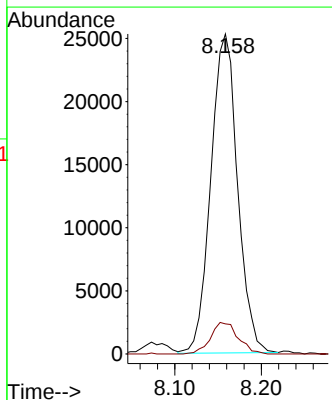
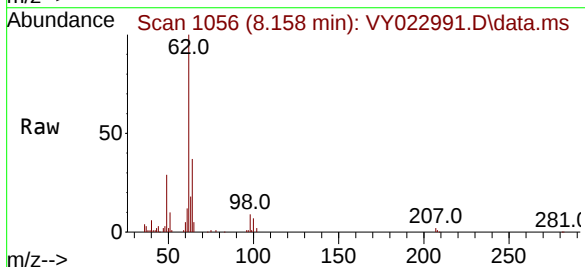
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

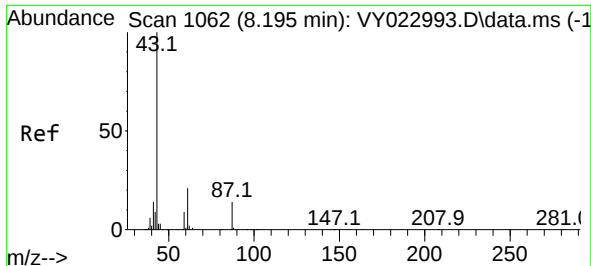
Tgt Ion:	41	Resp:	12522
Ion	Ratio	Lower	Upper
41	100		
39	57.3	50.0	75.0
67	91.5	65.4	98.2
52	37.8	27.7	41.5



#42
1,2-Dichloroethane
Concen: 9.130 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

Tgt Ion:	62	Resp:	54251
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.0

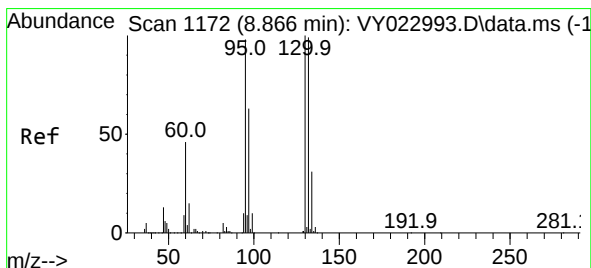
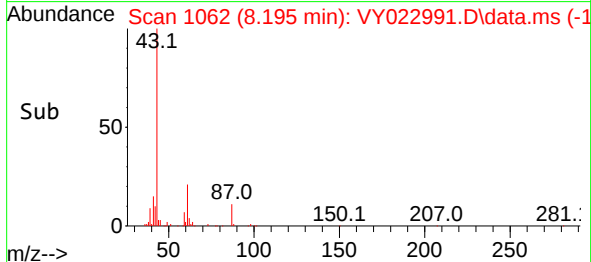
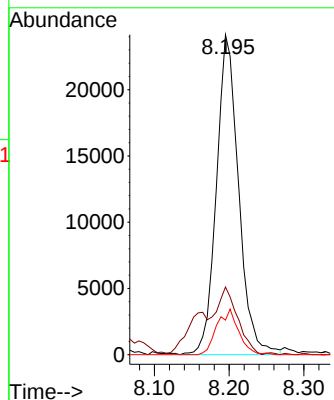
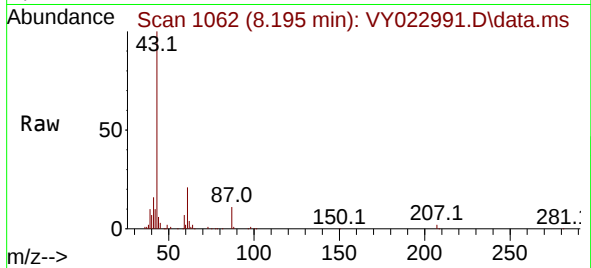




#43
Isopropyl Acetate
Concen: 8.525 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

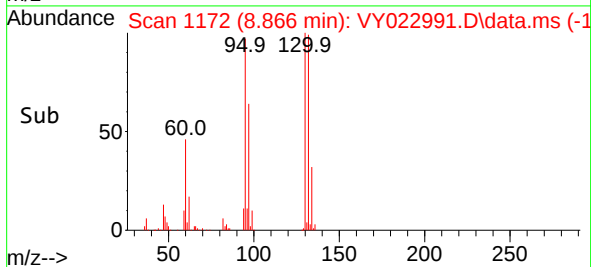
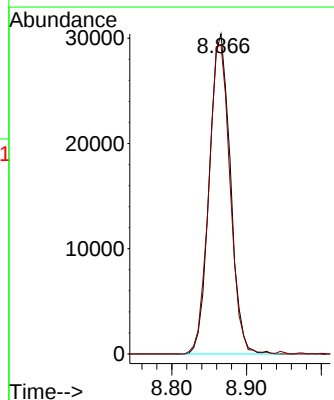
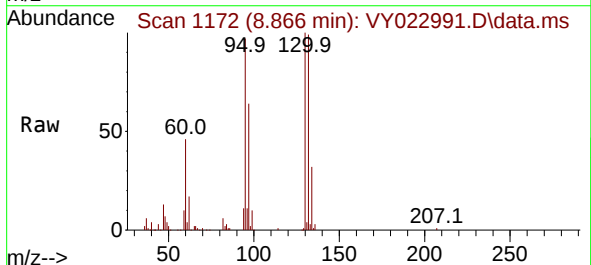
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

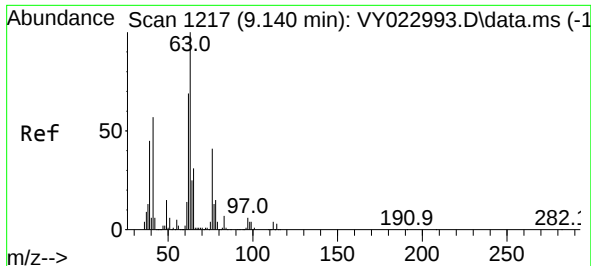
Tgt Ion: 43 Resp: 49891
Ion Ratio Lower Upper
43 100
61 19.1 25.0 37.4#
87 14.0 11.1 16.7



#44
Trichloroethene
Concen: 9.672 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

Tgt Ion:130 Resp: 59337
Ion Ratio Lower Upper
130 100
95 96.7 0.0 195.8





#45

1,2-Dichloropropane

Concen: 9.300 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY022991.D

Acq: 18 Jul 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

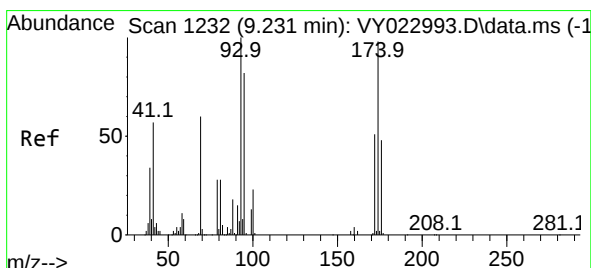
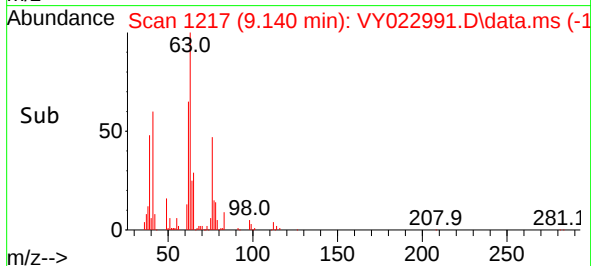
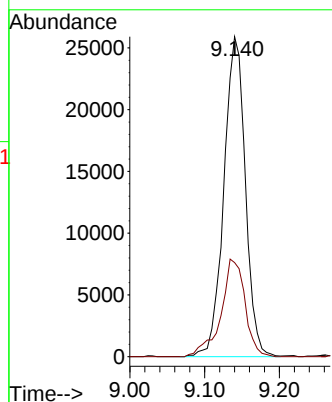
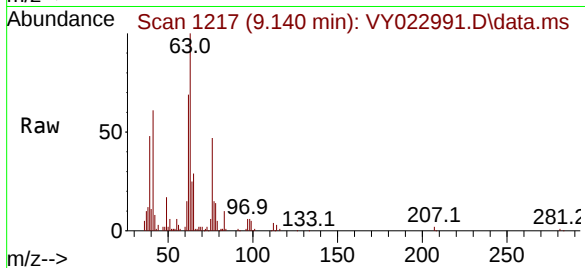
VSTDIC010

Tgt Ion: 63 Resp: 51870

Ion Ratio Lower Upper

63 100

65 29.4 24.6 37.0



#46

Dibromomethane

Concen: 8.900 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022991.D

Acq: 18 Jul 2025 10:54

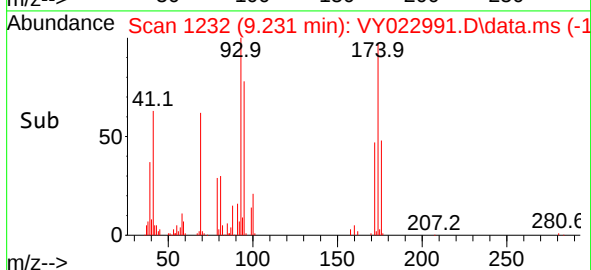
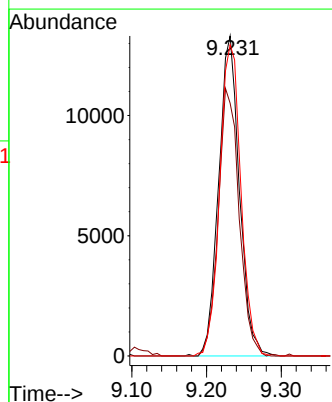
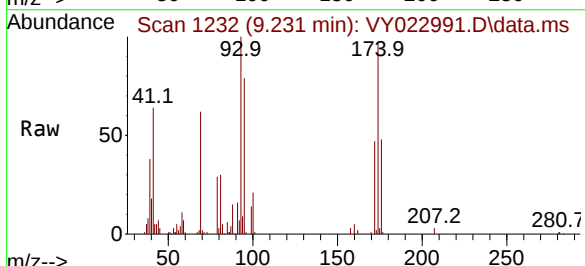
Tgt Ion: 93 Resp: 25659

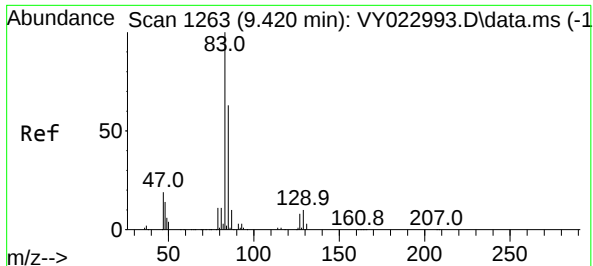
Ion Ratio Lower Upper

93 100

95 84.2 65.9 98.9

174 99.6 76.4 114.6

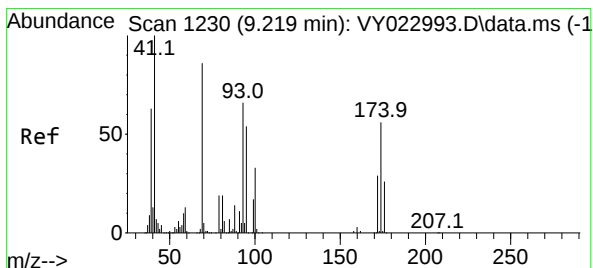
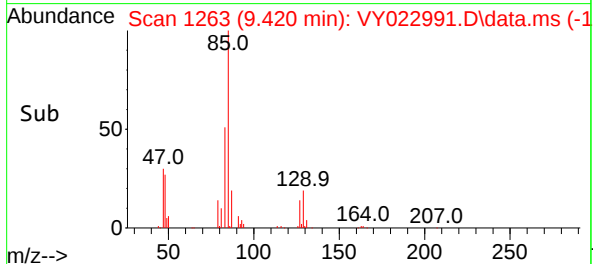
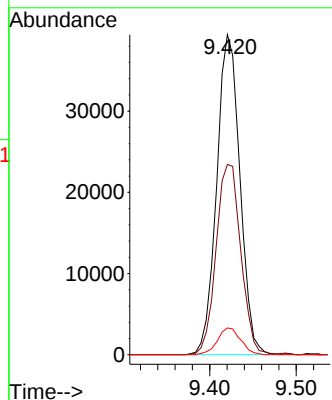
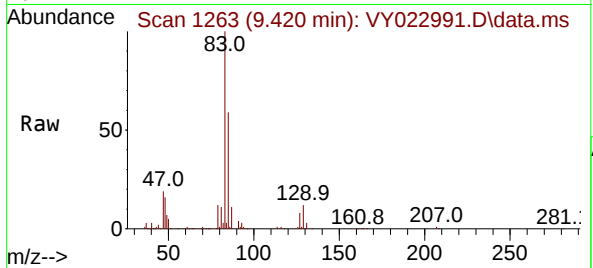




#47
Bromodichloromethane
Concen: 9.219 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

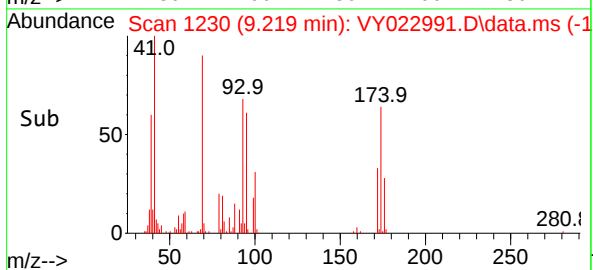
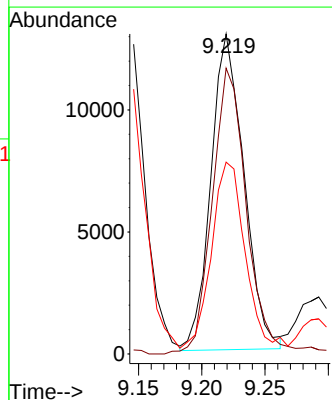
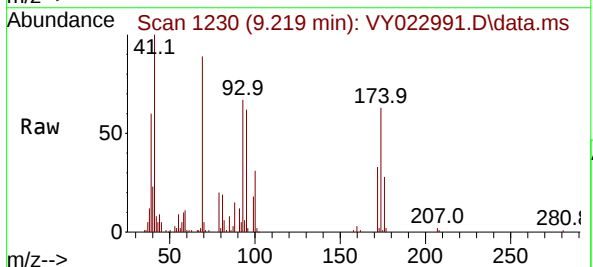
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

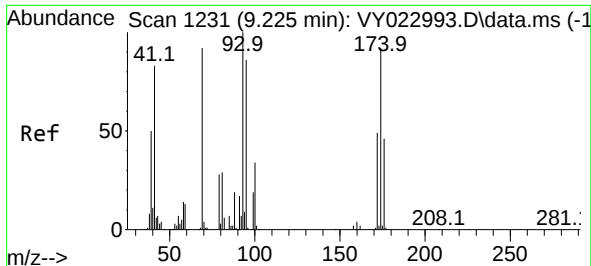
Tgt Ion: 83 Resp: 73468
Ion Ratio Lower Upper
83 100
85 59.5 50.6 75.8
127 8.4 6.5 9.7



#48
Methyl methacrylate
Concen: 8.347 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

Tgt Ion: 41 Resp: 23583
Ion Ratio Lower Upper
41 100
69 94.1 71.4 107.0
39 60.0 47.8 71.8





#49

1,4-Dioxane

Concen: 169.729 ug/l

RT: 9.225 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022991.D

Acq: 18 Jul 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

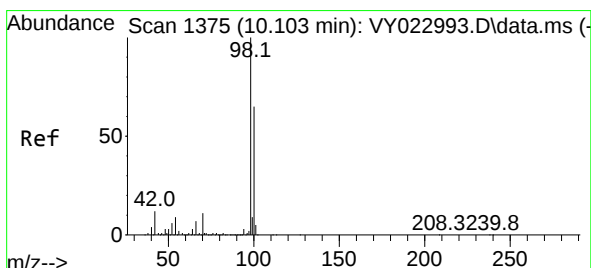
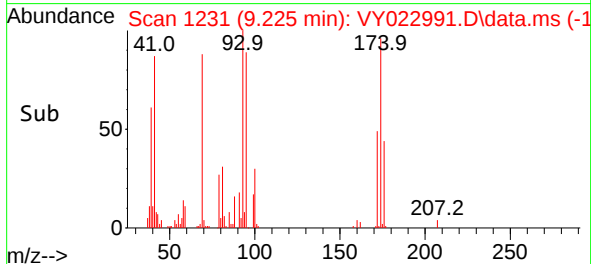
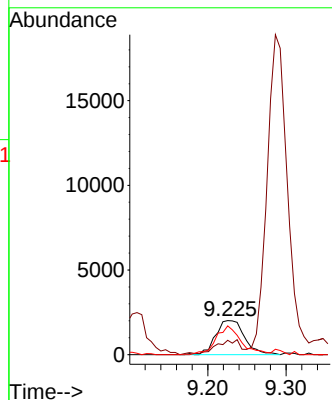
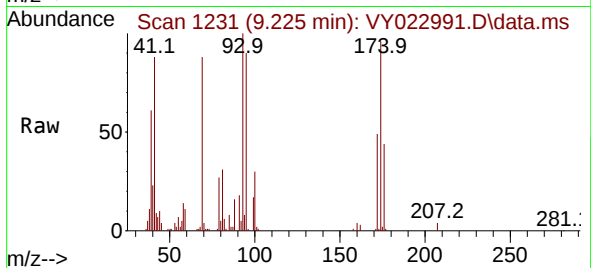
Tgt Ion: 88 Resp: 5158

Ion Ratio Lower Upper

88 100

43 31.2 28.7 43.1

58 73.8 59.8 89.6



#50

Toluene-d8

Concen: 9.583 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY022991.D

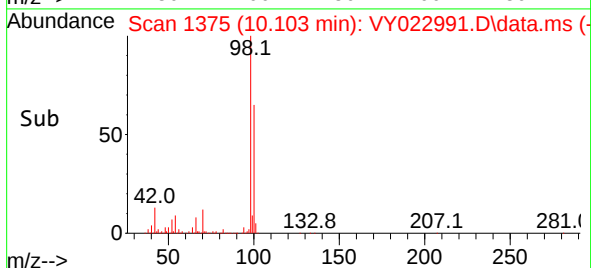
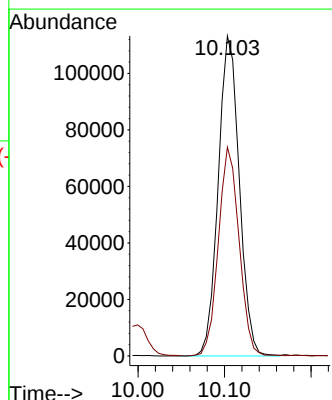
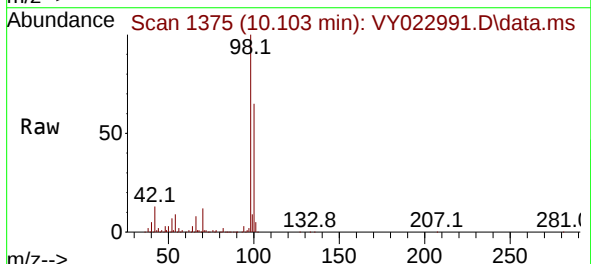
Acq: 18 Jul 2025 10:54

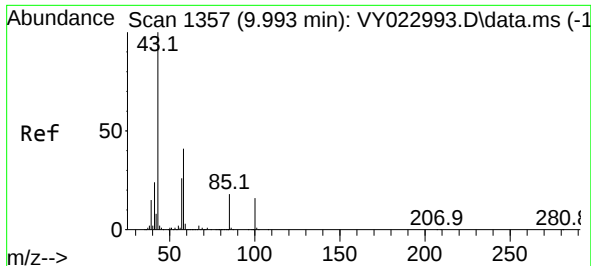
Tgt Ion: 98 Resp: 191385

Ion Ratio Lower Upper

98 100

100 64.2 52.2 78.2

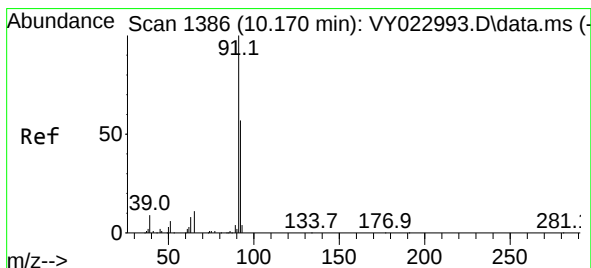
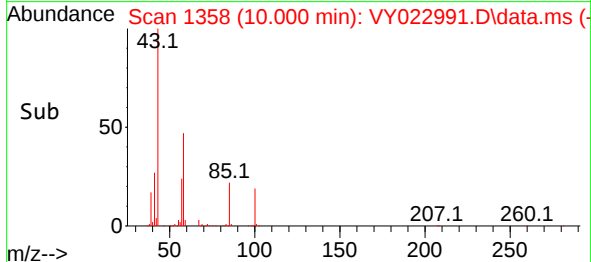
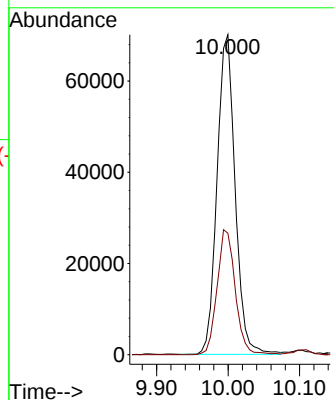
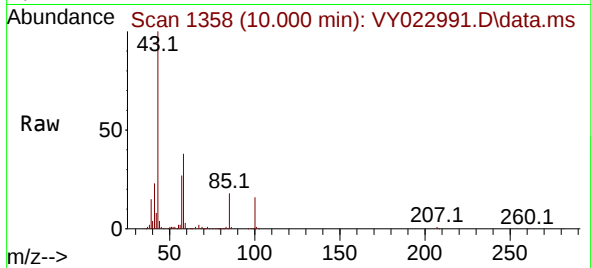




#51
4-Methyl-2-Pentanone
Concen: 41.528 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.006 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

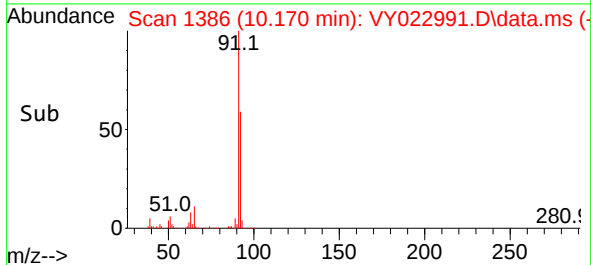
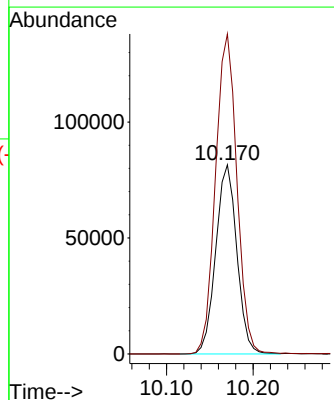
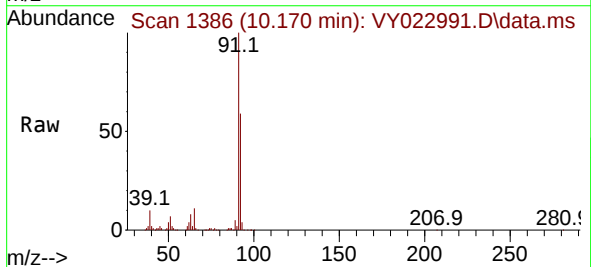
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

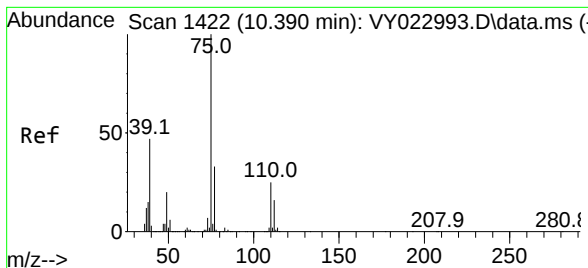
Tgt Ion: 43 Resp: 123354
Ion Ratio Lower Upper
43 100
58 39.3 32.5 48.7



#52
Toluene
Concen: 9.279 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

Tgt Ion: 92 Resp: 137786
Ion Ratio Lower Upper
92 100
91 171.7 137.8 206.6

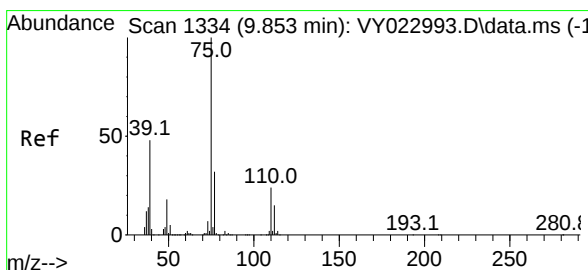
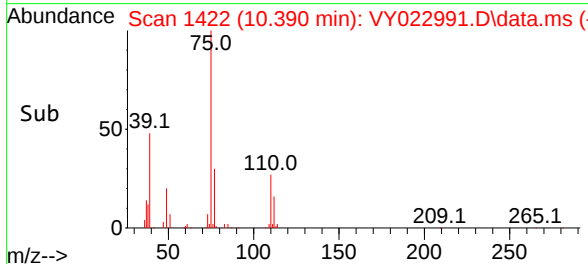
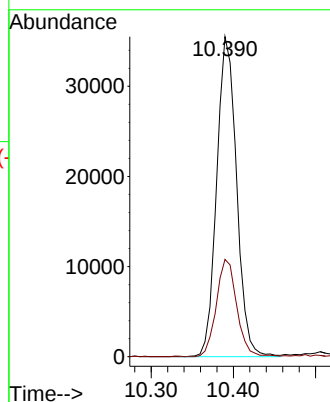
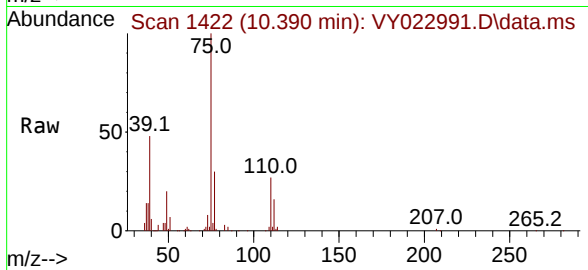




#53
t-1,3-Dichloropropene
Concen: 8.734 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

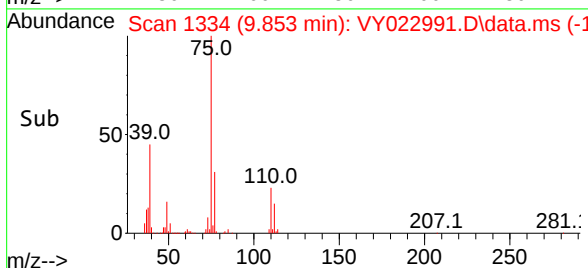
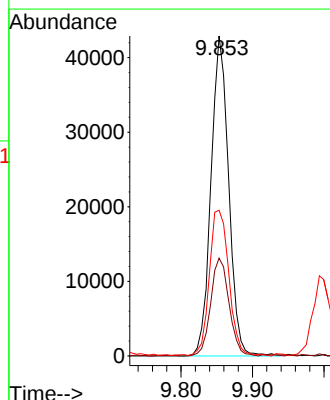
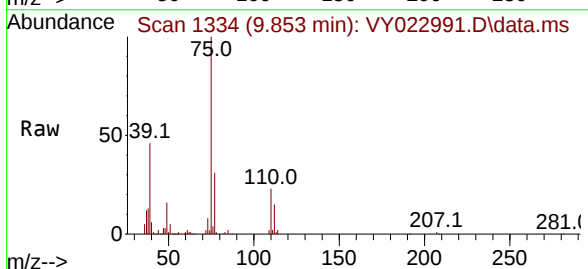
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

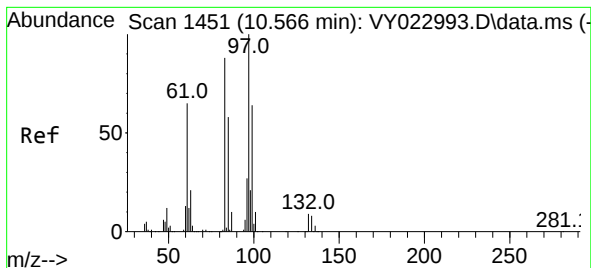
Tgt Ion: 75 Resp: 59746
Ion Ratio Lower Upper
75 100
77 30.2 26.4 39.6



#54
cis-1,3-Dichloropropene
Concen: 8.935 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

Tgt Ion: 75 Resp: 73674
Ion Ratio Lower Upper
75 100
77 30.5 25.4 38.0
39 45.2 38.2 57.2



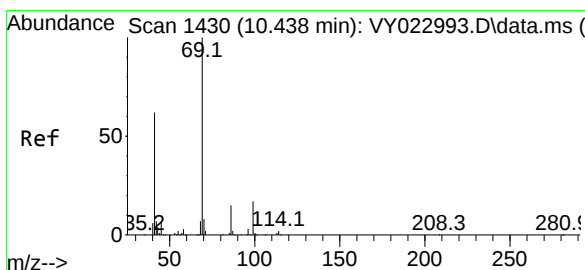
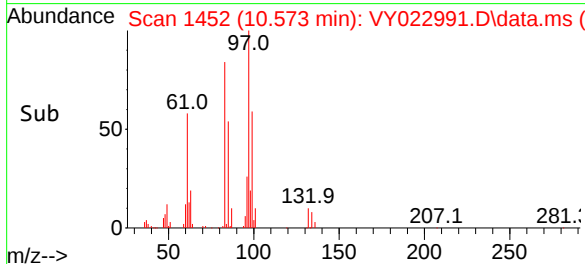
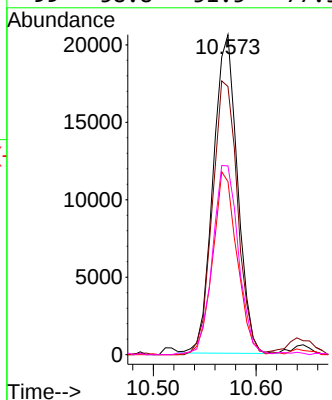
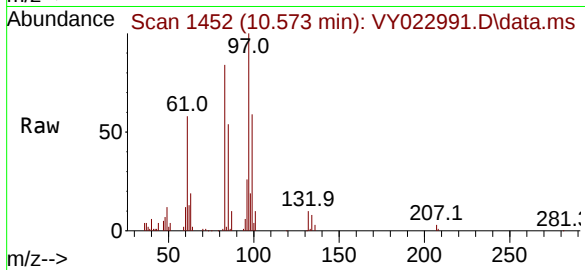


#55
1,1,2-Trichloroethane
Concen: 8.933 ug/l
RT: 10.573 min Scan# 1451
Delta R.T. 0.006 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 97 Resp: 33848

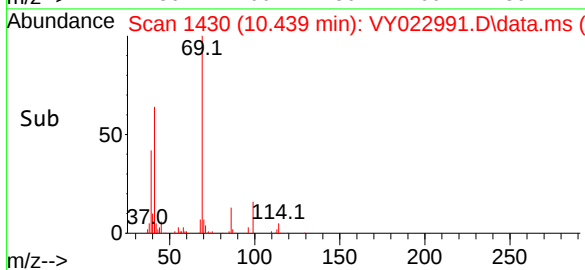
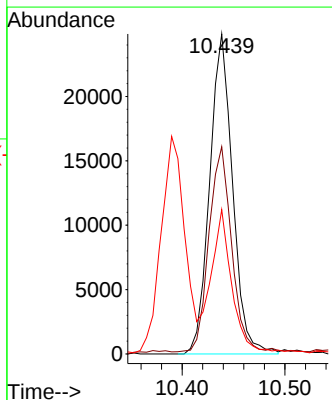
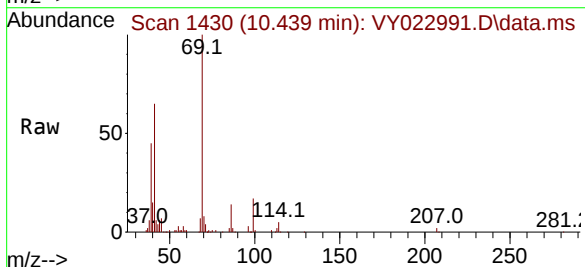
Ion	Ratio	Lower	Upper
97	100		
83	84.3	70.2	105.2
85	54.4	46.2	69.2
99	58.8	51.5	77.3

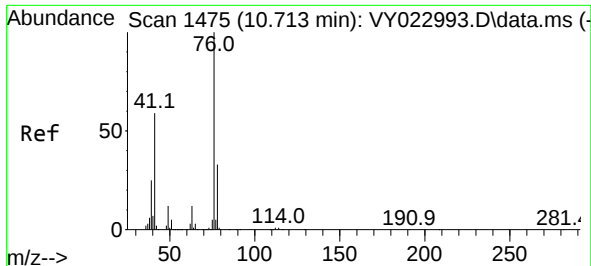


#56
Ethyl methacrylate
Concen: 8.133 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

Tgt Ion: 69 Resp: 38473

Ion	Ratio	Lower	Upper
69	100		
41	62.7	51.0	76.4
39	41.5	30.6	46.0





#57

1,3-Dichloropropane

Concen: 8.876 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY022991.D

Acq: 18 Jul 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

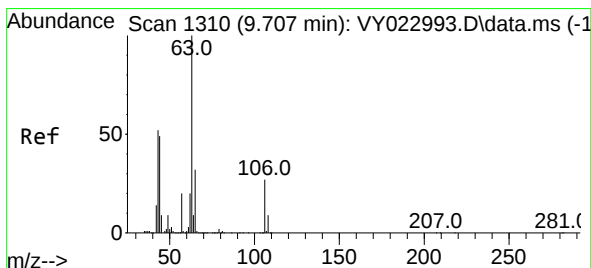
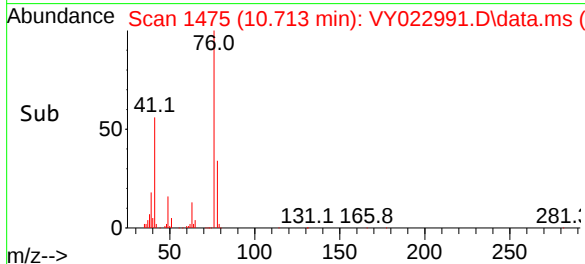
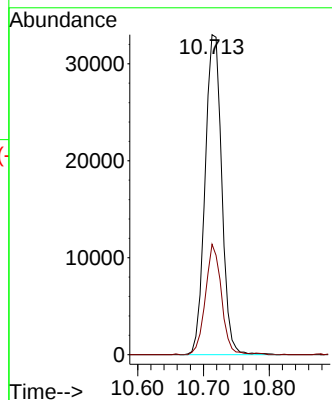
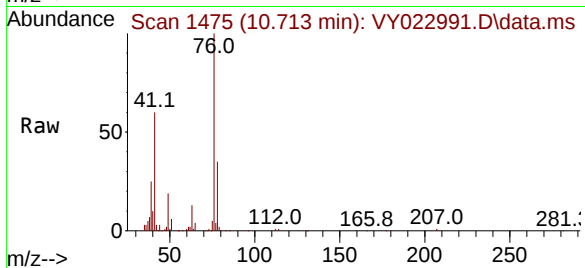
VSTDIC010

Tgt Ion: 76 Resp: 58102

Ion Ratio Lower Upper

76 100

78 33.2 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 40.157 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY022991.D

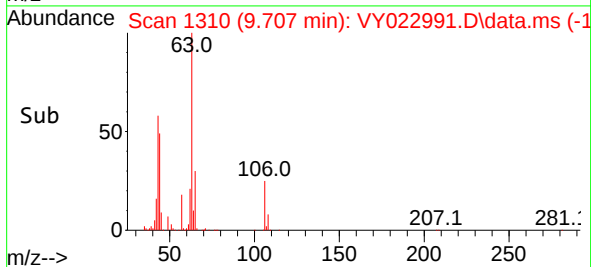
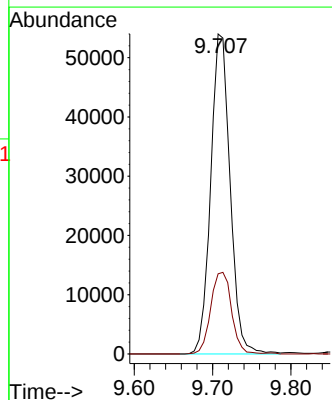
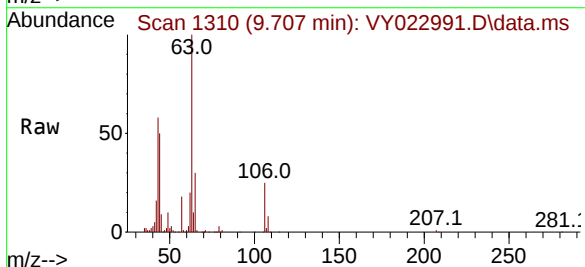
Acq: 18 Jul 2025 10:54

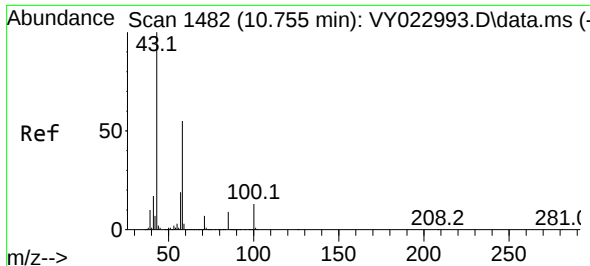
Tgt Ion: 63 Resp: 92984

Ion Ratio Lower Upper

63 100

106 27.3 22.6 33.8

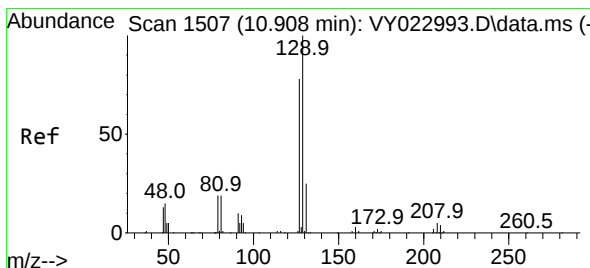
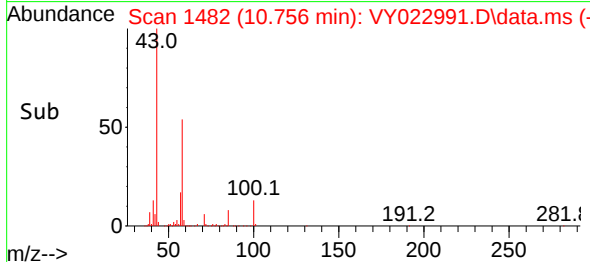
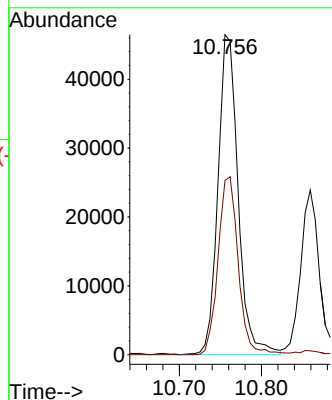
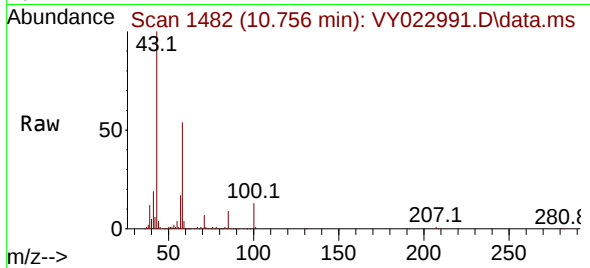




#59
2-Hexanone
Concen: 40.492 ug/l
RT: 10.756 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

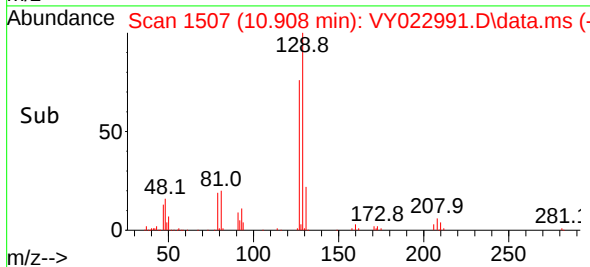
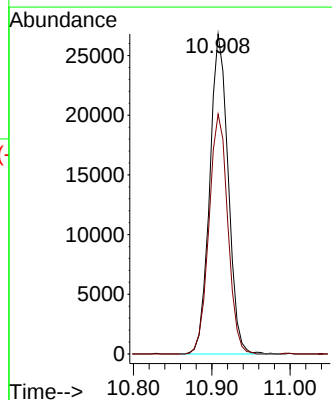
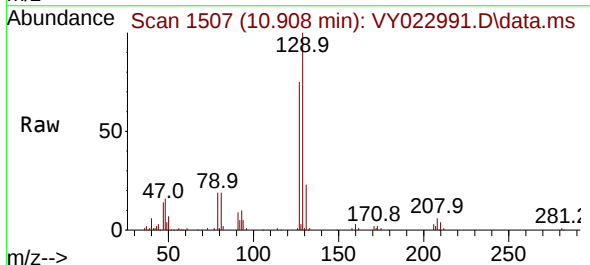
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

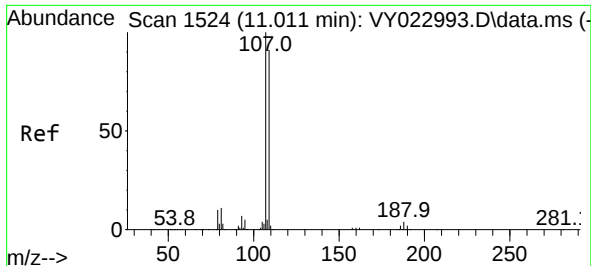
Tgt Ion: 43 Resp: 79059
Ion Ratio Lower Upper
43 100
58 56.0 28.1 84.3



#60
Dibromochloromethane
Concen: 8.809 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

Tgt Ion: 129 Resp: 43711
Ion Ratio Lower Upper
129 100
127 76.5 38.7 116.1

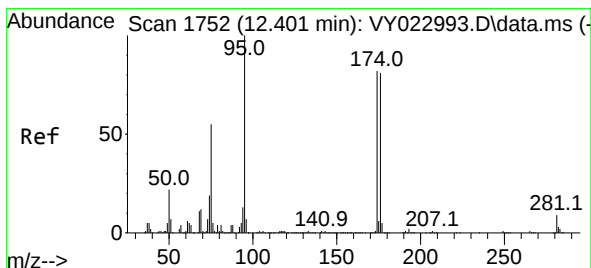
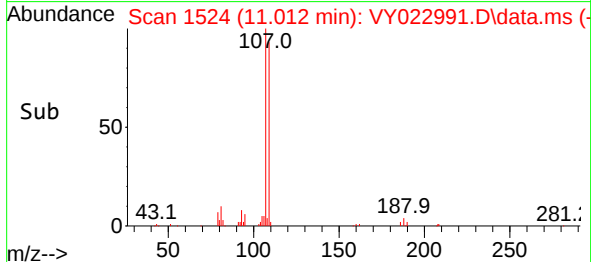
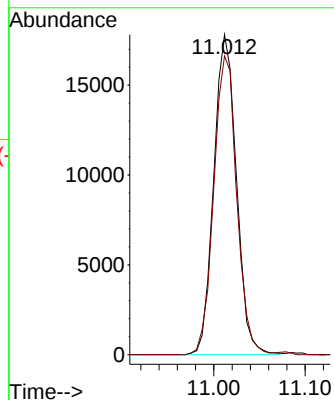
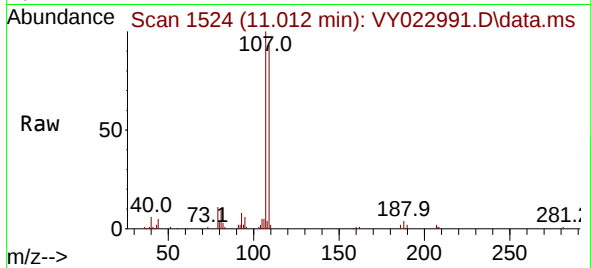




#61
1,2-Dibromoethane
Concen: 8.903 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

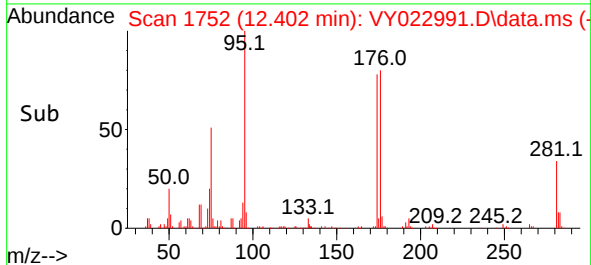
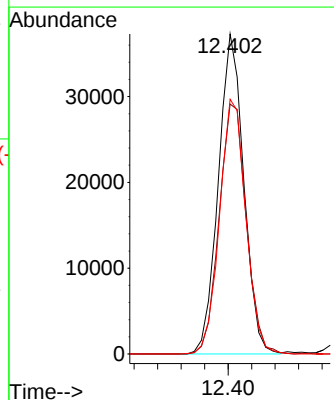
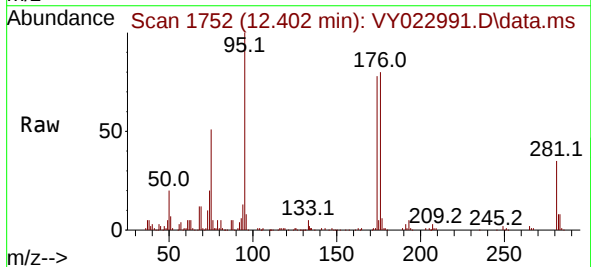
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

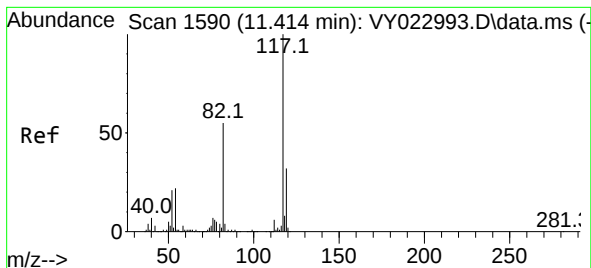
Tgt Ion:107 Resp: 30636
Ion Ratio Lower Upper
107 100
109 95.0 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 8.915 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

Tgt Ion: 95 Resp: 56048
Ion Ratio Lower Upper
95 100
174 83.0 0.0 170.8
176 82.1 0.0 163.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY022991.D

Acq: 18 Jul 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

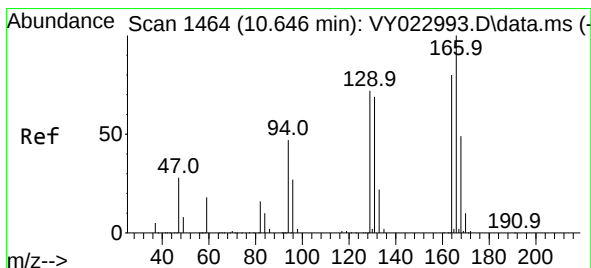
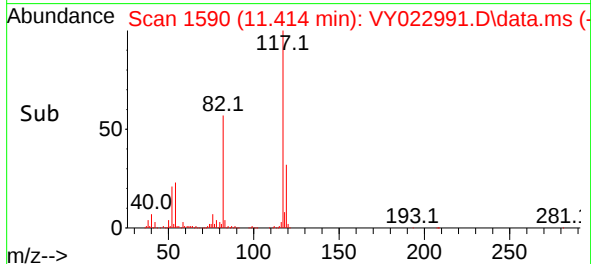
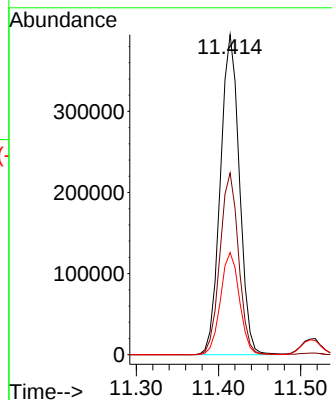
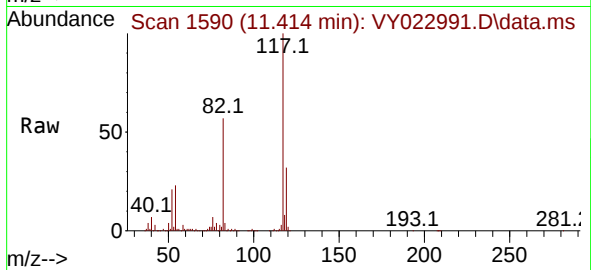
Tgt Ion:117 Resp: 634272

Ion Ratio Lower Upper

117 100

82 56.8 44.3 66.5

119 31.9 25.8 38.8



#64

Tetrachloroethene

Concen: 10.575 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY022991.D

Acq: 18 Jul 2025 10:54

Tgt Ion:164 Resp: 68560

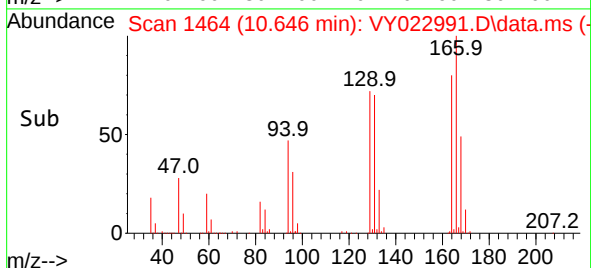
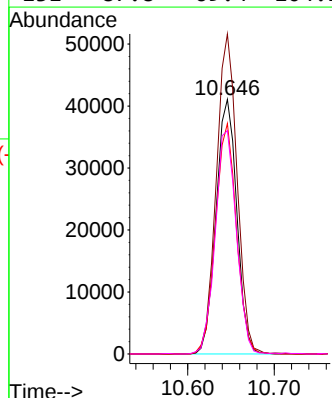
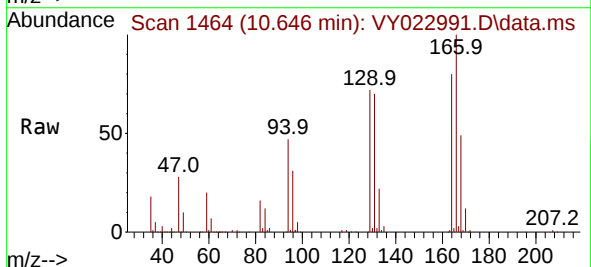
Ion Ratio Lower Upper

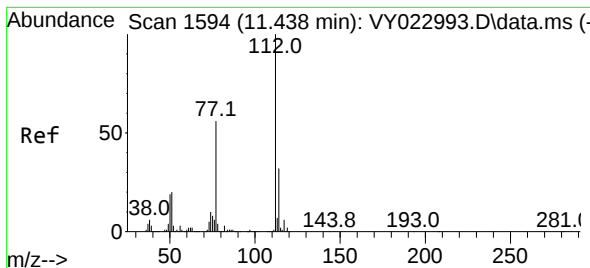
164 100

166 125.7 100.2 150.2

129 90.5 71.7 107.5

131 87.8 69.4 104.2





#65

Chlorobenzene

Concen: 9.755 ug/l

RT: 11.438 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022991.D

Acq: 18 Jul 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

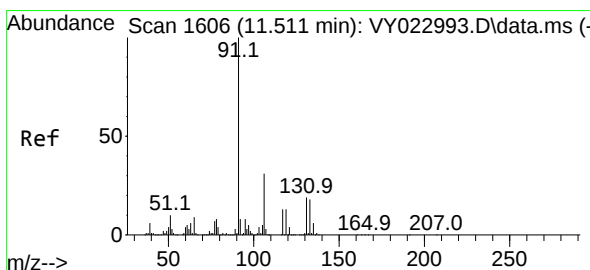
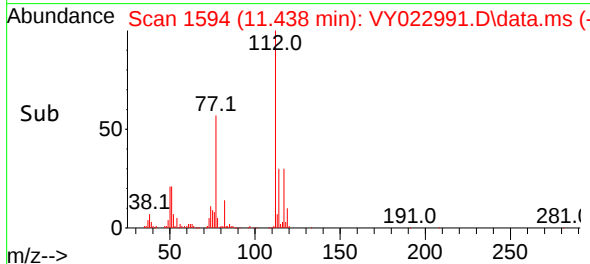
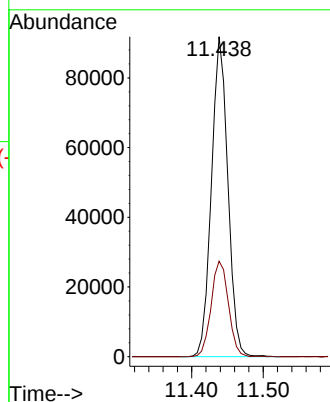
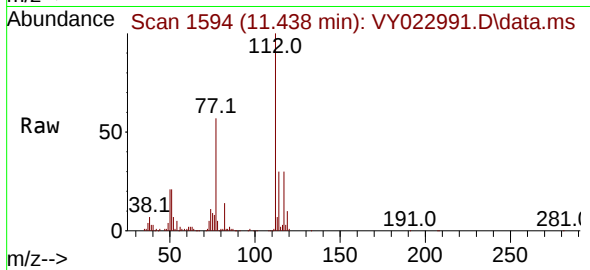
VSTDIC010

Tgt Ion:112 Resp: 146007

Ion Ratio Lower Upper

112 100

114 29.9 25.4 38.2



#66

1,1,1,2-Tetrachloroethane

Concen: 9.509 ug/l

RT: 11.512 min Scan# 1606

Delta R.T. 0.000 min

Lab File: VY022991.D

Acq: 18 Jul 2025 10:54

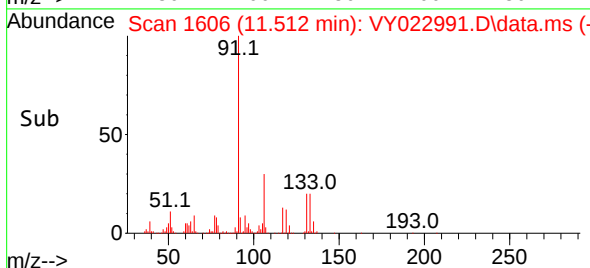
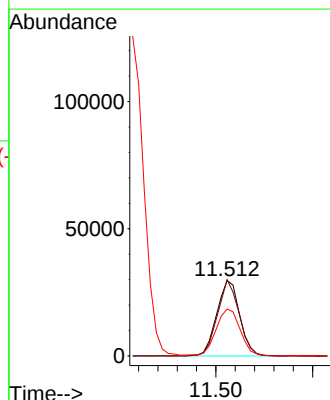
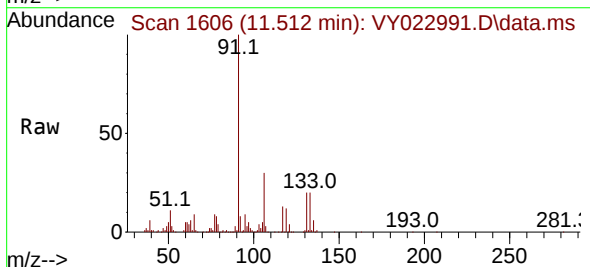
Tgt Ion:131 Resp: 48542

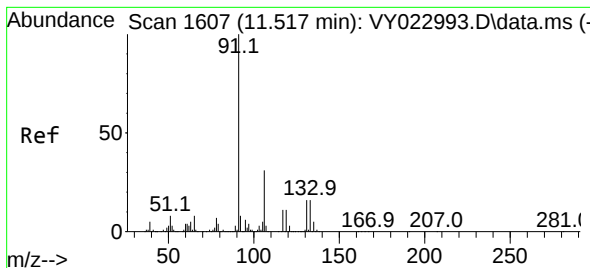
Ion Ratio Lower Upper

131 100

133 95.4 47.8 143.3

119 66.0 33.3 99.8

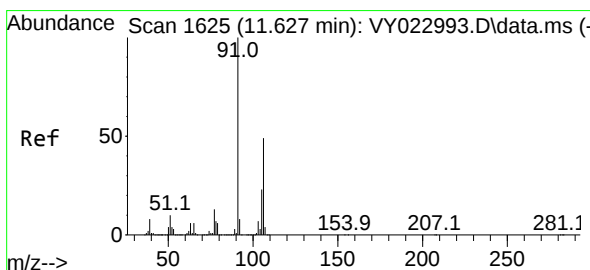
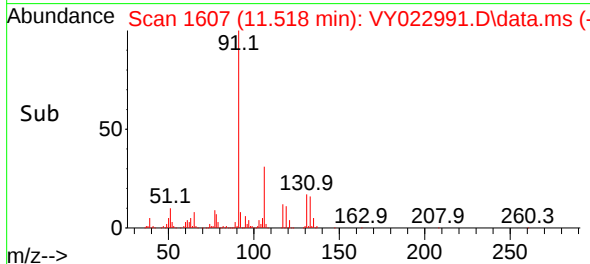
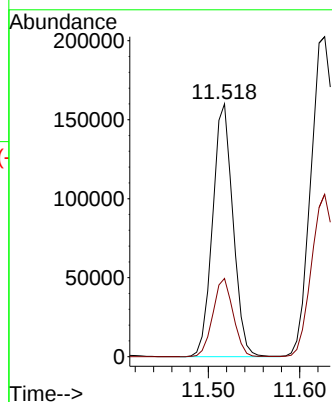
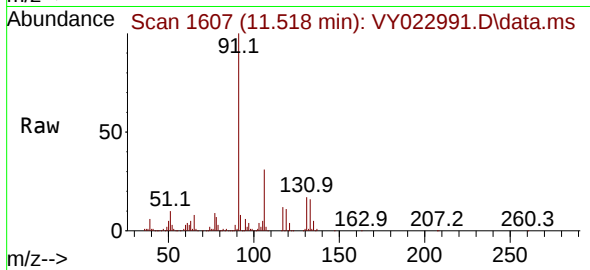




#67
Ethyl Benzene
Concen: 9.331 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

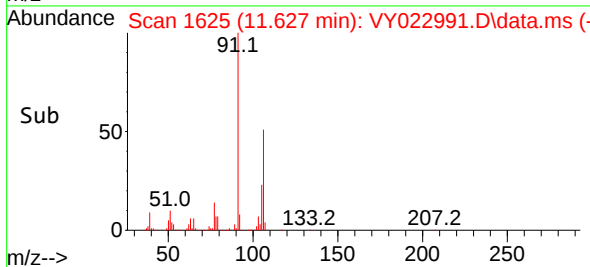
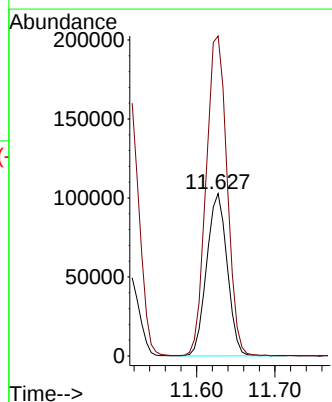
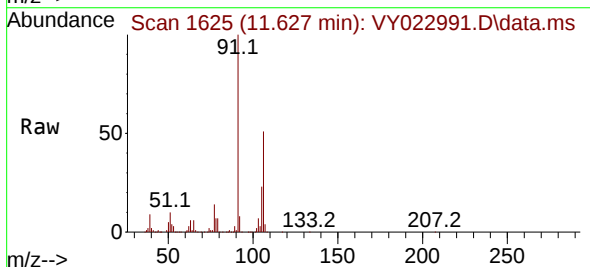
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

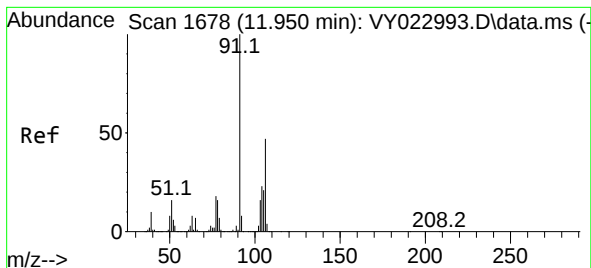
Tgt Ion: 91 Resp: 247552
Ion Ratio Lower Upper
91 100
106 30.9 24.6 37.0



#68
m/p-Xylenes
Concen: 18.350 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

Tgt Ion:106 Resp: 186725
Ion Ratio Lower Upper
106 100
91 201.3 159.8 239.8





#69

o-Xylene

Concen: 9.127 ug/l

RT: 11.950 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY022991.D

Acq: 18 Jul 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

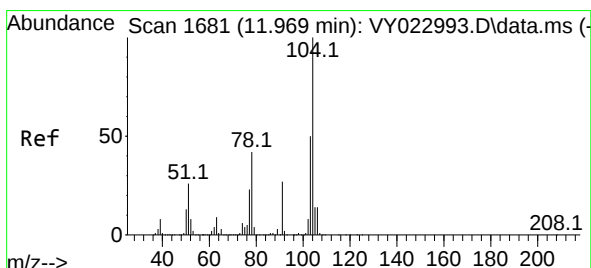
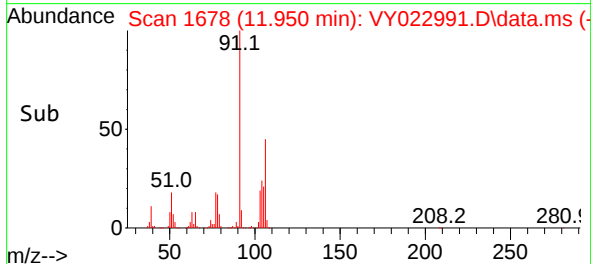
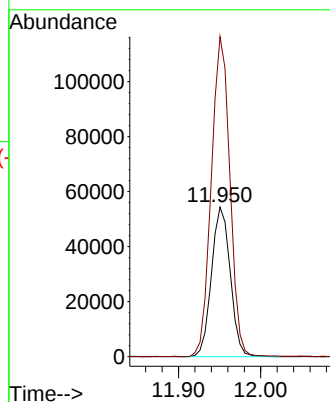
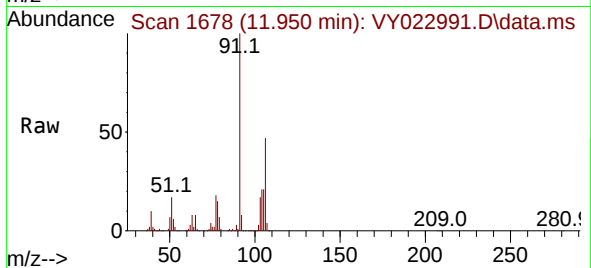
VSTDIC010

Tgt Ion:106 Resp: 86193

Ion Ratio Lower Upper

106 100

91 212.6 106.3 318.8



#70

Styrene

Concen: 8.898 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY022991.D

Acq: 18 Jul 2025 10:54

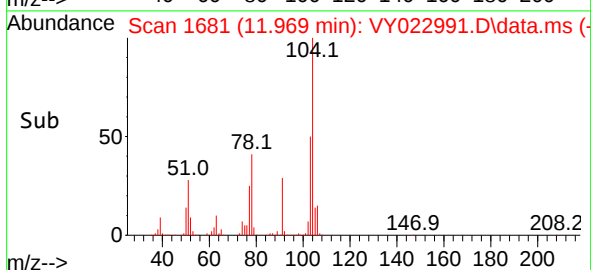
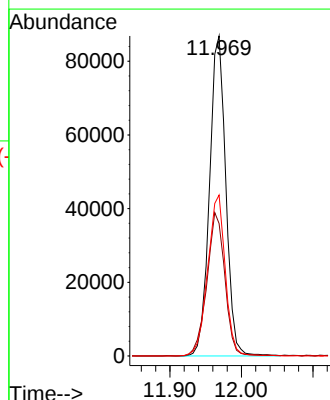
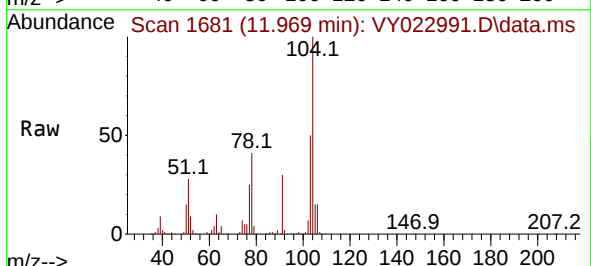
Tgt Ion:104 Resp: 137633

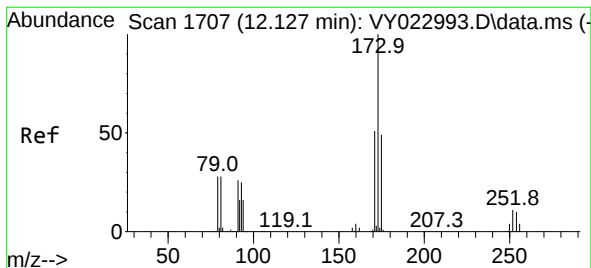
Ion Ratio Lower Upper

104 100

78 49.5 39.0 58.6

103 54.4 43.7 65.5





#71

Bromoform

Concen: 8.949 ug/l

RT: 12.127 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022991.D

Acq: 18 Jul 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

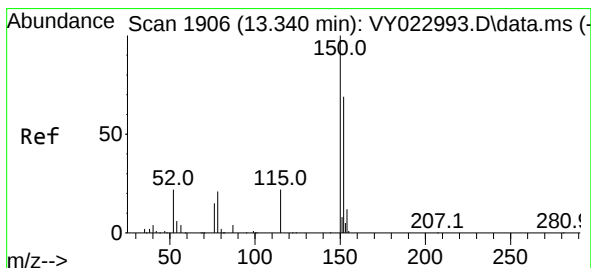
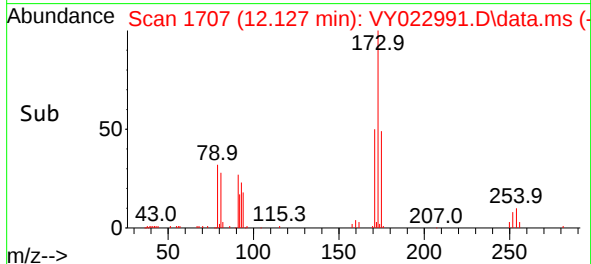
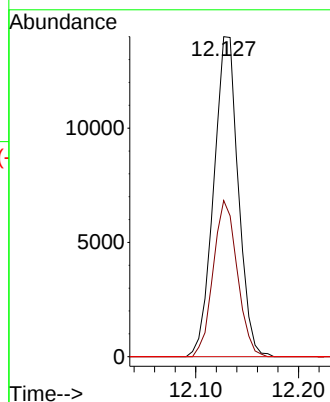
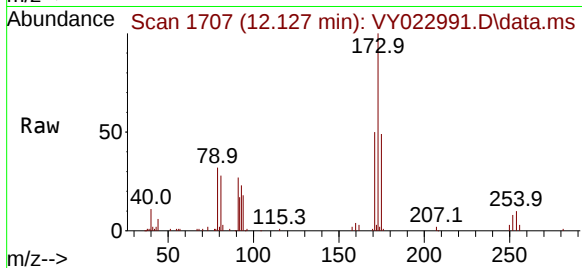
Tgt Ion:173 Resp: 23193

Ion Ratio Lower Upper

173 100

175 47.9 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY022991.D

Acq: 18 Jul 2025 10:54

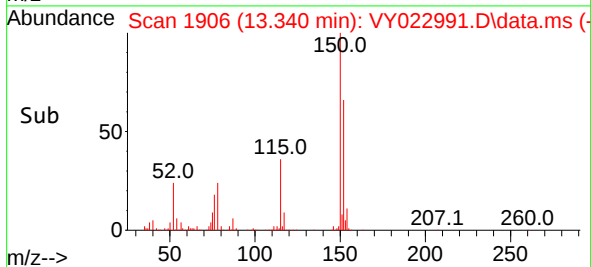
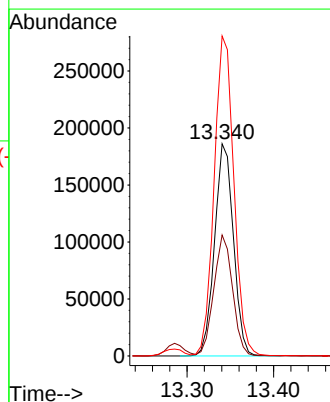
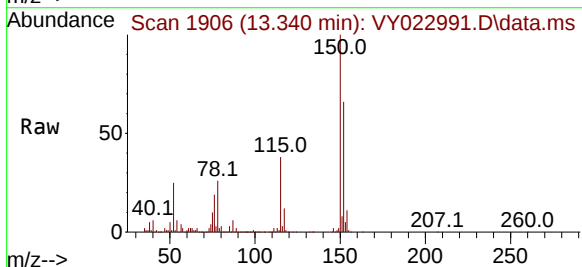
Tgt Ion:152 Resp: 281482

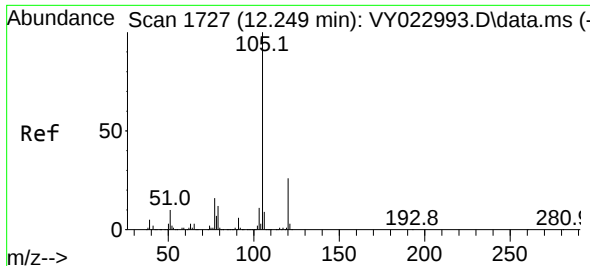
Ion Ratio Lower Upper

152 100

115 56.6 29.4 88.2

150 157.4 0.0 350.0

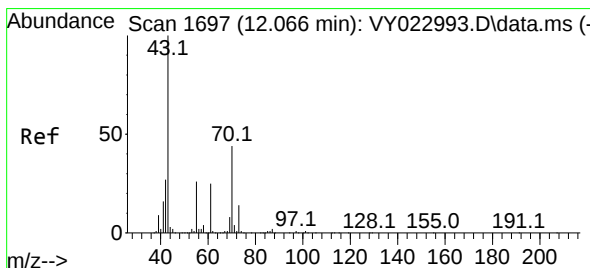
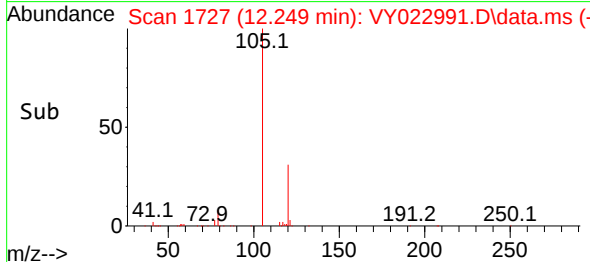
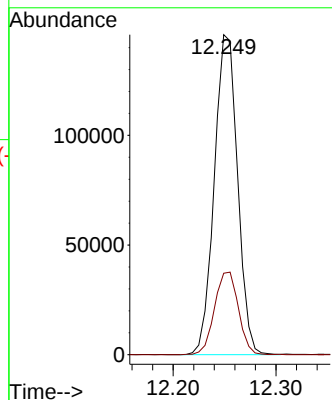
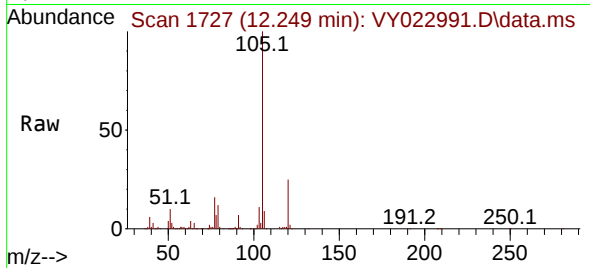




#73
Isopropylbenzene
Concen: 9.608 ug/l
RT: 12.249 min Scan# 1727
Delta R.T. 0.000 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

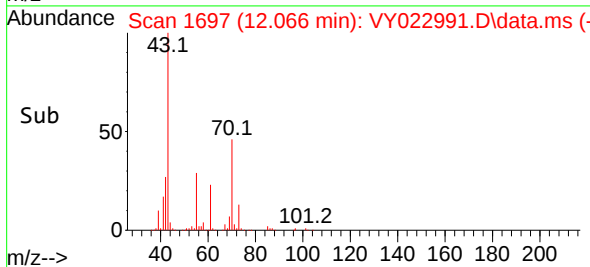
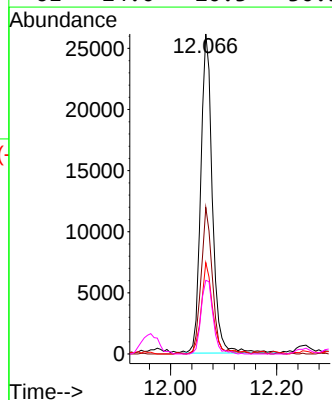
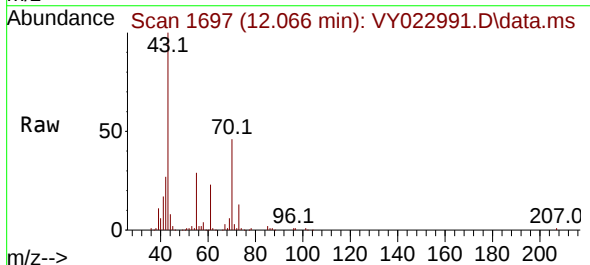
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

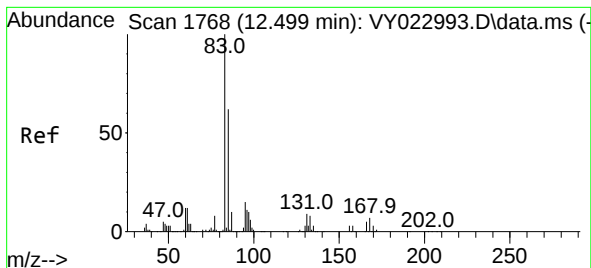
Tgt Ion:105 Resp: 229285
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.6



#74
N-ethyl acetate
Concen: 8.873 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

Tgt Ion: 43 Resp: 39921
Ion Ratio Lower Upper
43 100
70 44.1 36.2 54.2
55 28.8 20.9 31.3
61 24.0 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 9.153 ug/l

RT: 12.499 min Scan# 1768

Delta R.T. 0.000 min

Lab File: VY022991.D

Acq: 18 Jul 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

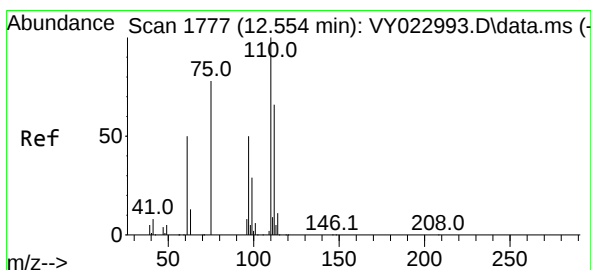
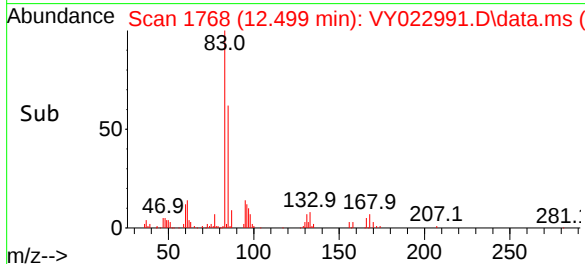
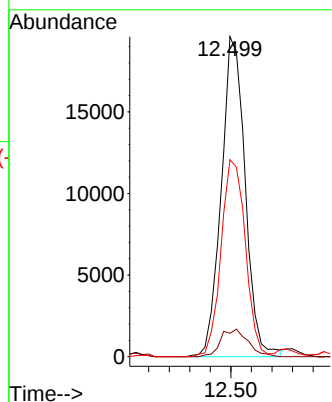
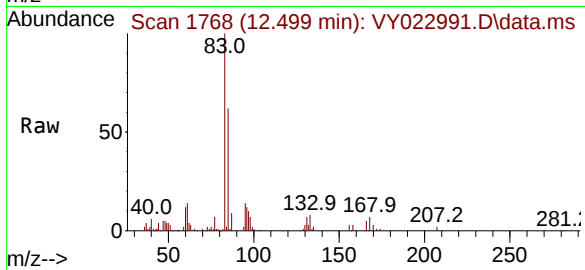
Tgt Ion: 83 Resp: 31610

Ion Ratio Lower Upper

83 100

131 9.8 5.1 15.4

85 62.5 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 12.845 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY022991.D

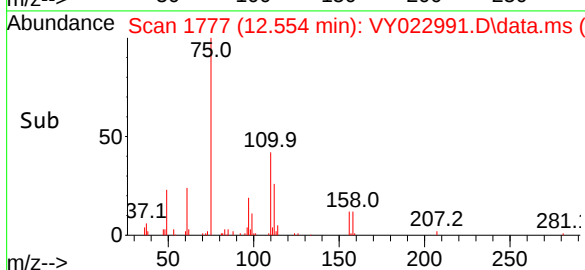
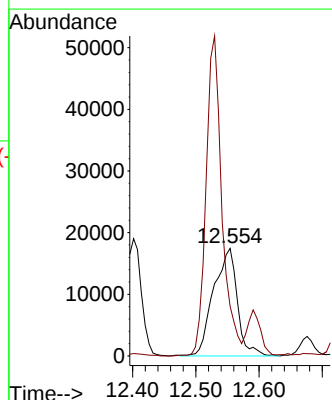
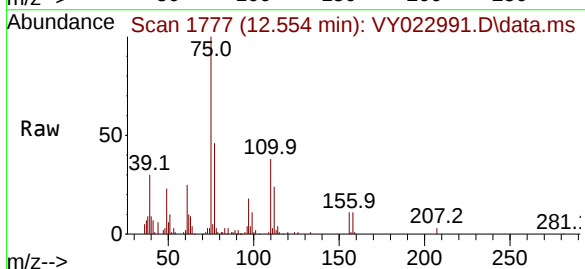
Acq: 18 Jul 2025 10:54

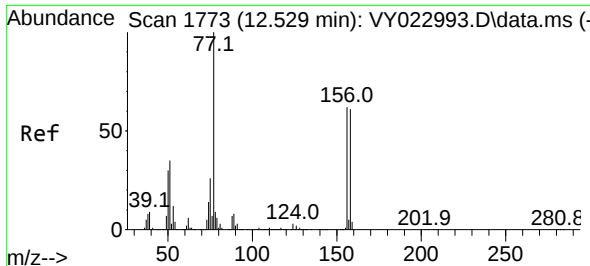
Tgt Ion: 75 Resp: 45505

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

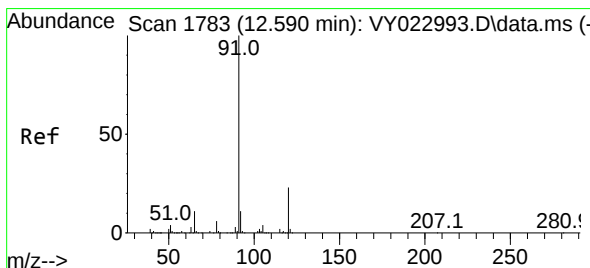
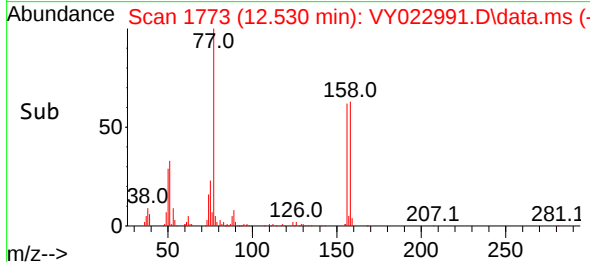
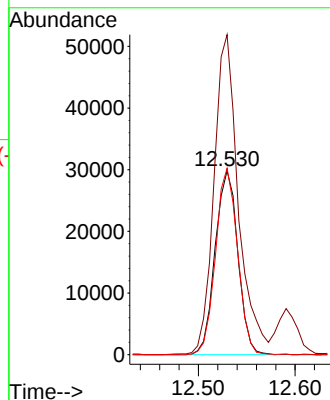
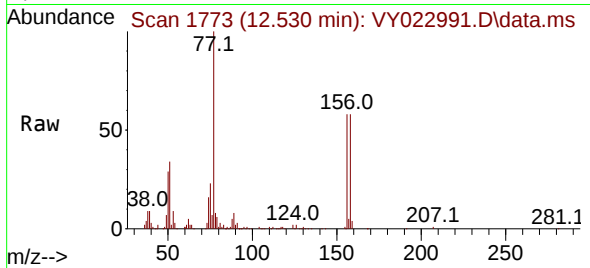




#77
Bromobenzene
Concen: 9.390 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

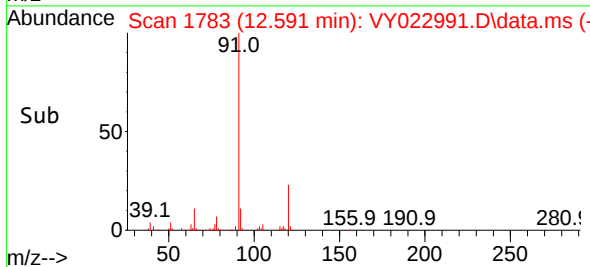
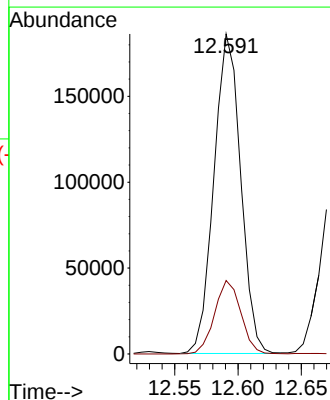
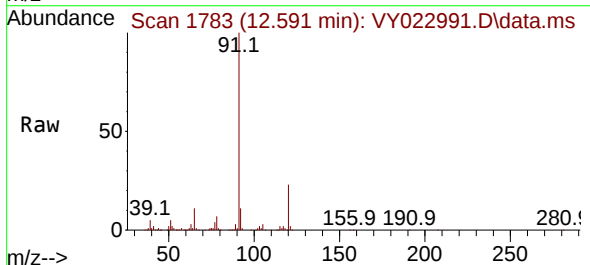
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

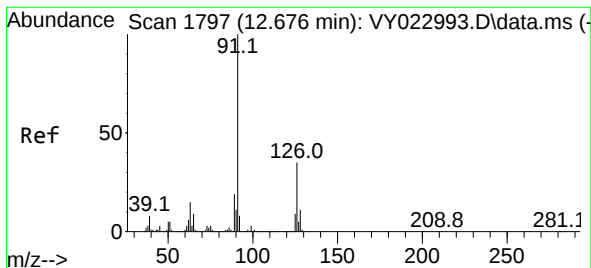
Tgt Ion:156 Resp: 48601
Ion Ratio Lower Upper
156 100
77 187.0 92.0 276.1
158 98.2 48.6 145.9



#78
n-propylbenzene
Concen: 9.618 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. 0.000 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

Tgt Ion: 91 Resp: 273348
Ion Ratio Lower Upper
91 100
120 22.6 11.3 33.8

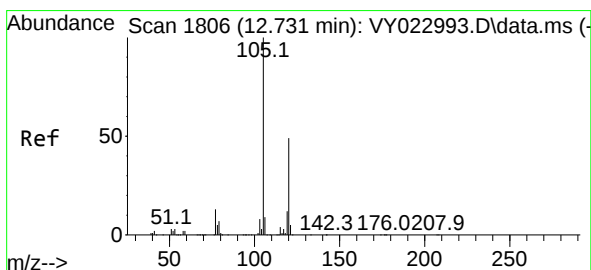
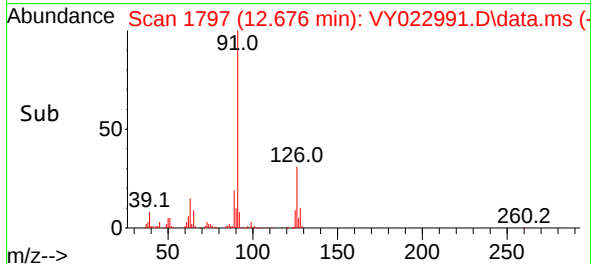
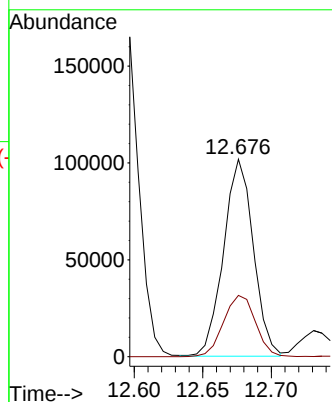
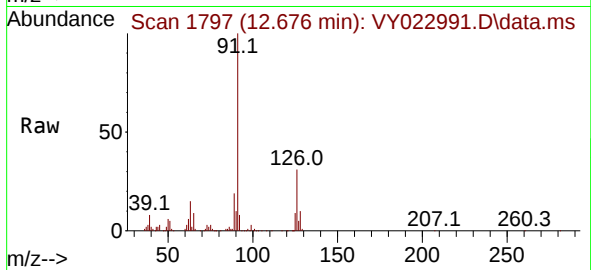




#79
2-Chlorotoluene
Concen: 9.652 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

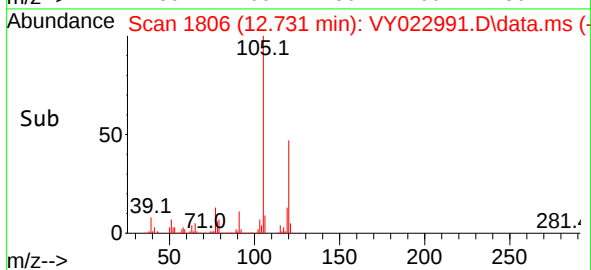
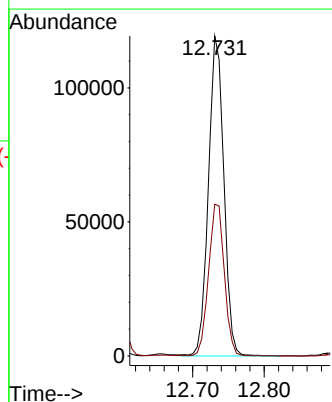
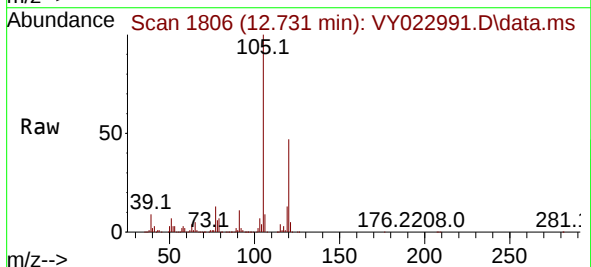
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

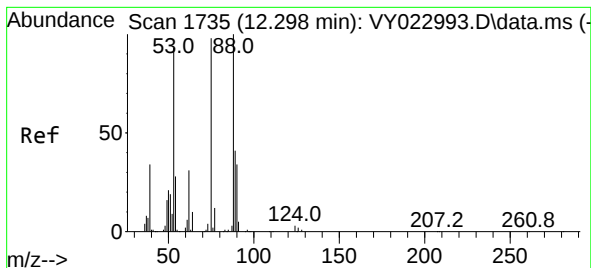
Tgt Ion: 91 Resp: 154267
Ion Ratio Lower Upper
91 100
126 33.3 17.0 50.9



#80
1,3,5-Trimethylbenzene
Concen: 9.486 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

Tgt Ion: 105 Resp: 178551
Ion Ratio Lower Upper
105 100
120 48.6 24.6 73.8

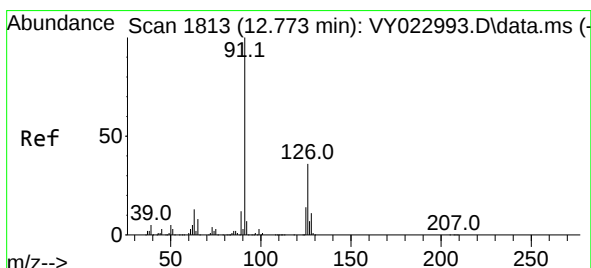
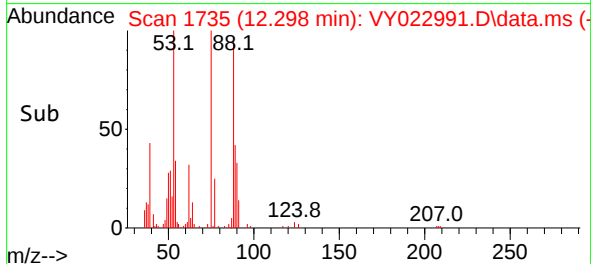
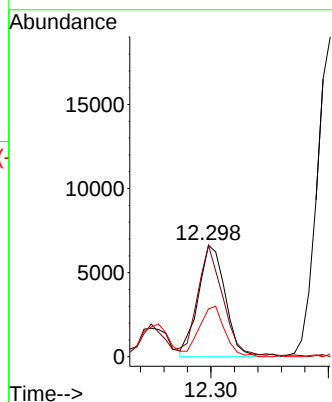
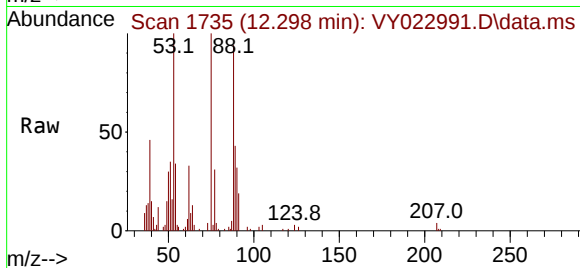




#81
trans-1,4-Dichloro-2-butene
Concen: 9.037 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

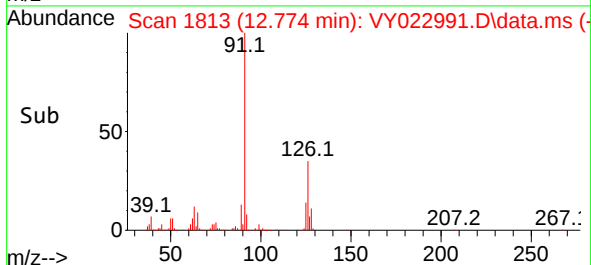
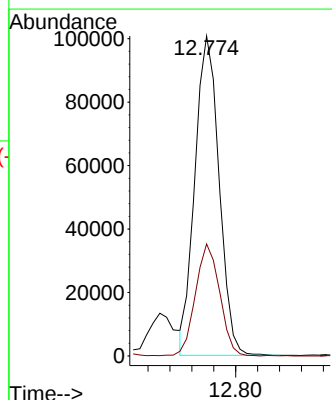
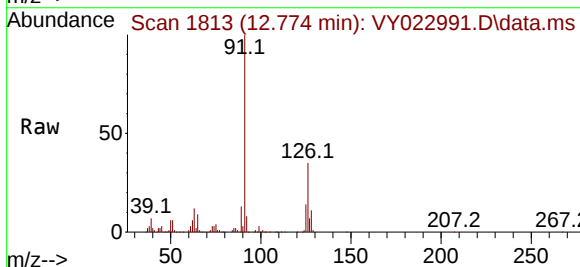
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

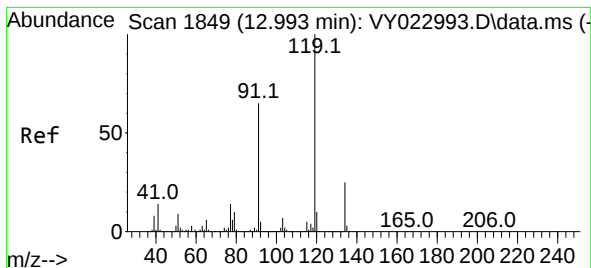
Tgt Ion: 75 Resp: 10642
Ion Ratio Lower Upper
75 100
53 96.3 76.1 114.1
89 41.6 36.1 54.1



#82
4-Chlorotoluene
Concen: 9.561 ug/l
RT: 12.774 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY022991.D
Acq: 18 Jul 2025 10:54

Tgt Ion: 91 Resp: 154131
Ion Ratio Lower Upper
91 100
126 35.2 17.2 51.5





#83

tert-Butylbenzene

Concen: 9.277 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY022991.D

Acq: 18 Jul 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

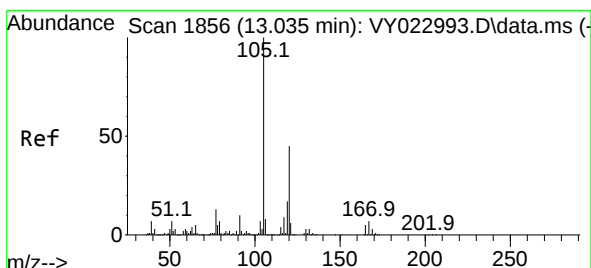
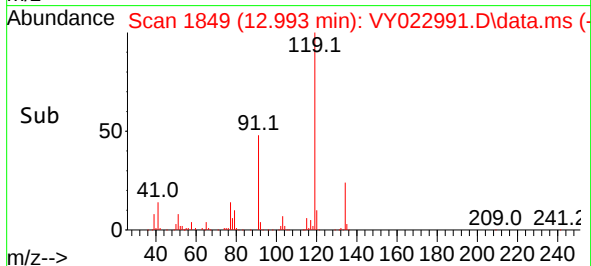
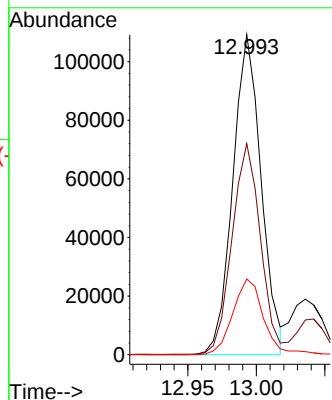
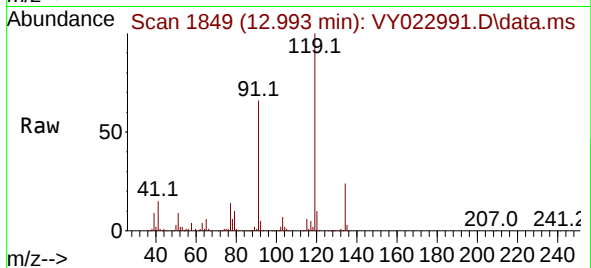
Tgt Ion:119 Resp: 157733

Ion Ratio Lower Upper

119 100

91 65.6 32.0 96.2

134 25.7 12.6 37.6



#84

1,2,4-Trimethylbenzene

Concen: 9.297 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.006 min

Lab File: VY022991.D

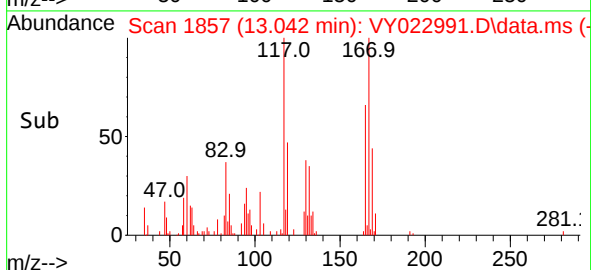
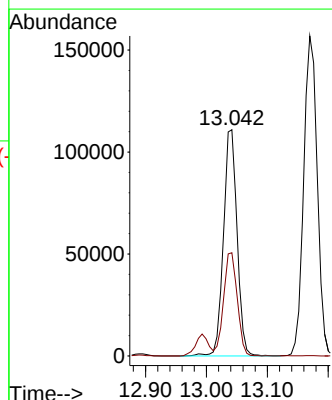
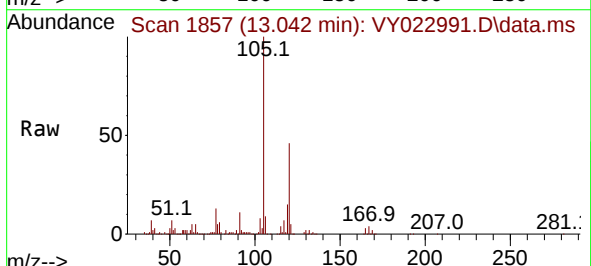
Acq: 18 Jul 2025 10:54

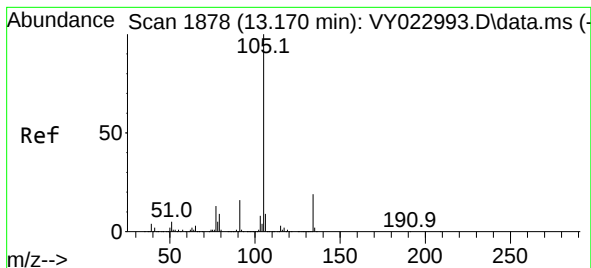
Tgt Ion:105 Resp: 172262

Ion Ratio Lower Upper

105 100

120 45.6 22.9 68.8





#85

sec-Butylbenzene

Concen: 9.504 ug/l

RT: 13.170 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY022991.D

Acq: 18 Jul 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

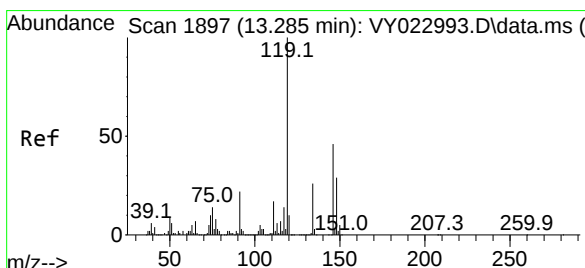
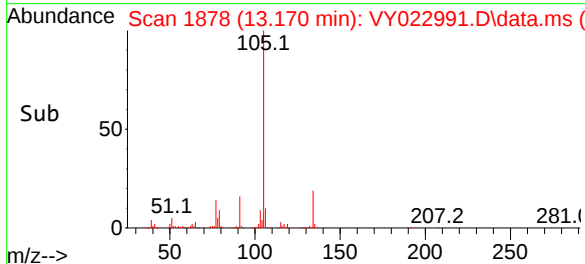
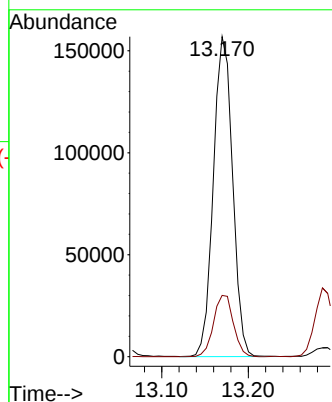
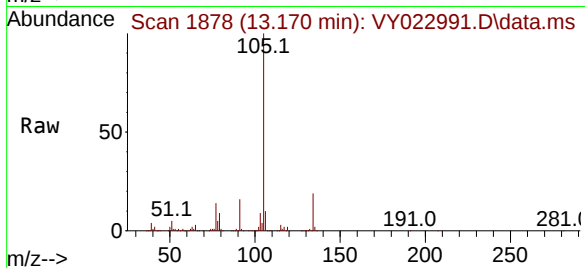
VSTDIC010

Tgt Ion:105 Resp: 242143

Ion Ratio Lower Upper

105 100

134 19.8 9.8 29.5



#86

p-Isopropyltoluene

Concen: 9.229 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY022991.D

Acq: 18 Jul 2025 10:54

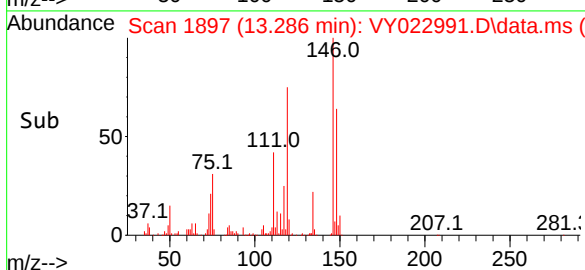
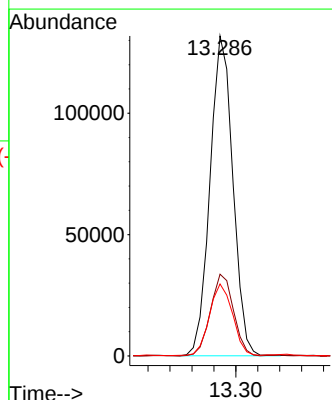
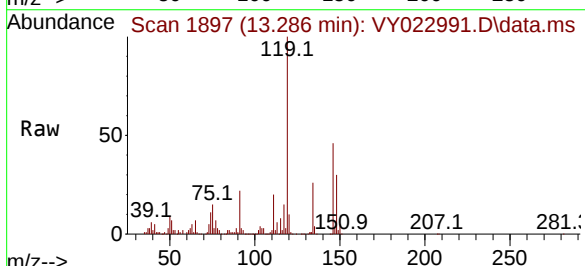
Tgt Ion:119 Resp: 190964

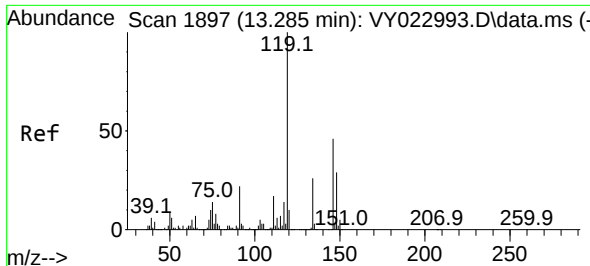
Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.1

91 22.7 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 9.354 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY022991.D

Acq: 18 Jul 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

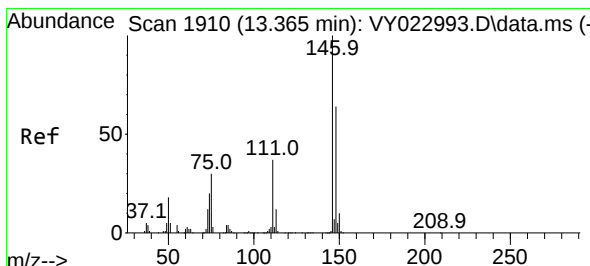
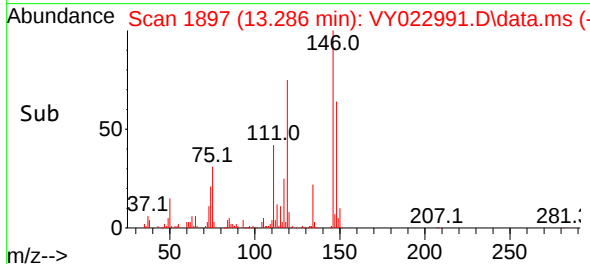
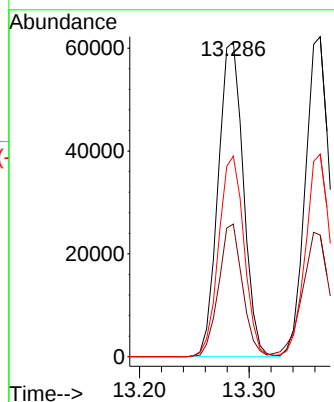
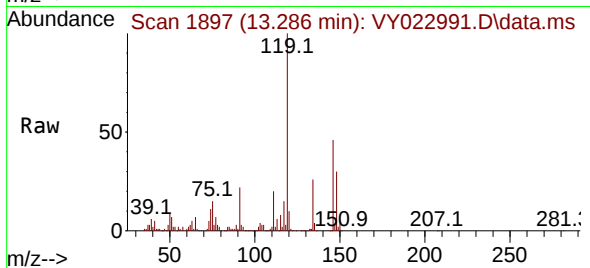
Tgt Ion:146 Resp: 97707

Ion Ratio Lower Upper

146 100

111 39.9 19.8 59.3

148 64.0 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 9.564 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY022991.D

Acq: 18 Jul 2025 10:54

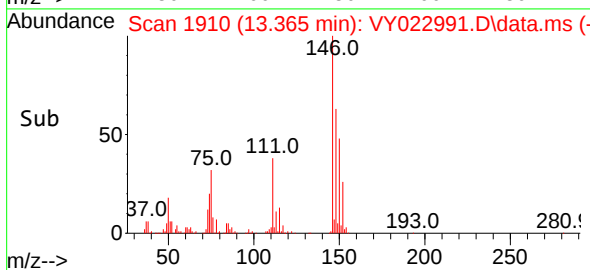
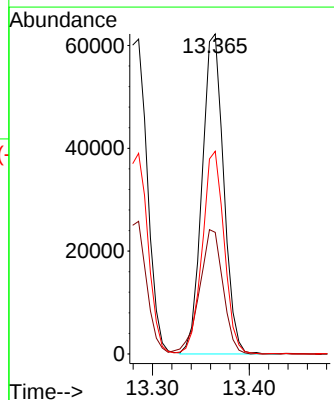
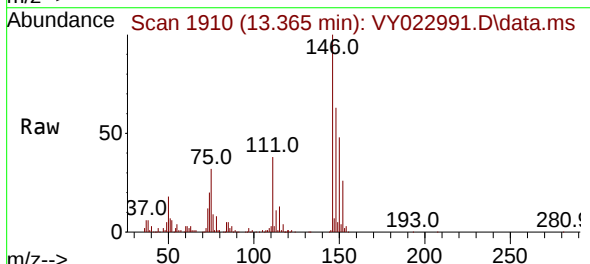
Tgt Ion:146 Resp: 96650

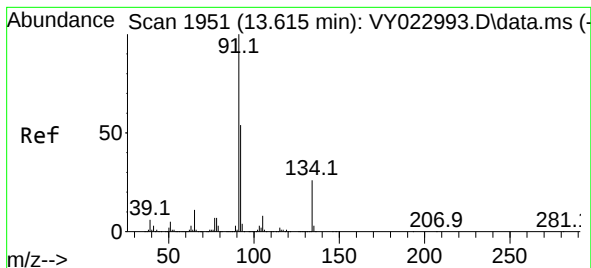
Ion Ratio Lower Upper

146 100

111 42.3 19.2 57.6

148 64.3 31.9 95.5





#89

n-Butylbenzene

Concen: 9.249 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY022991.D

Acq: 18 Jul 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

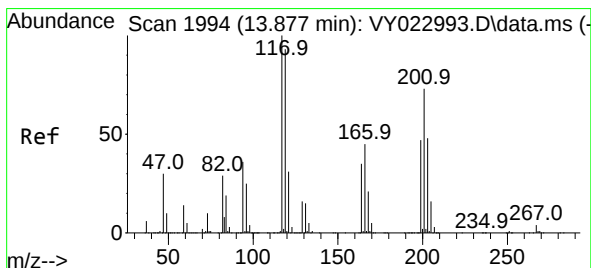
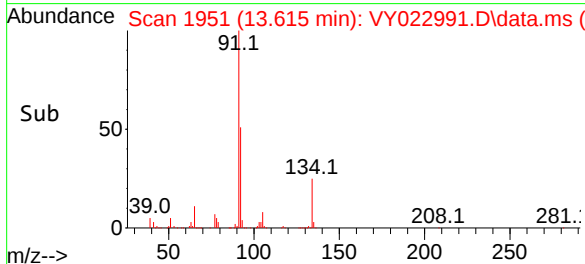
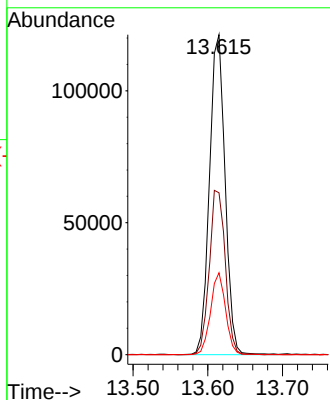
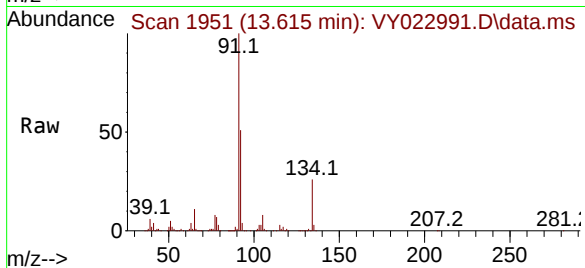
Tgt Ion: 91 Resp: 176599

Ion Ratio Lower Upper

91 100

92 52.5 26.6 79.7

134 24.6 12.6 37.6



#90

Hexachloroethane

Concen: 9.369 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY022991.D

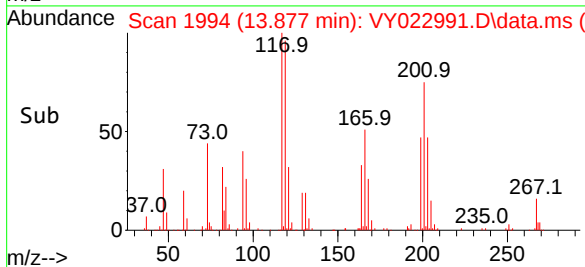
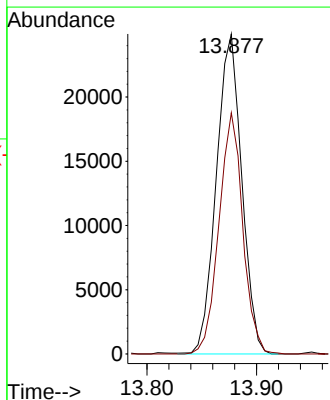
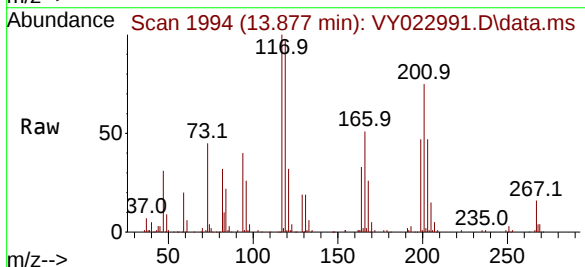
Acq: 18 Jul 2025 10:54

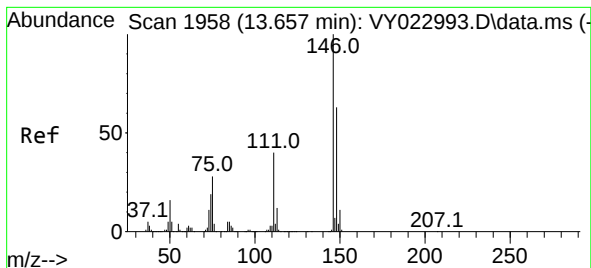
Tgt Ion: 117 Resp: 40137

Ion Ratio Lower Upper

117 100

201 70.6 36.1 108.5





#91

1,2-Dichlorobenzene

Concen: 9.294 ug/l

RT: 13.651 min Scan# 1957

Delta R.T. -0.006 min

Lab File: VY022991.D

Acq: 18 Jul 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

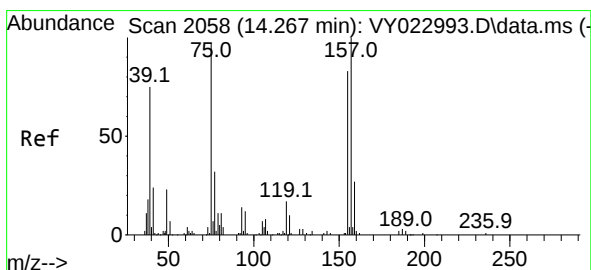
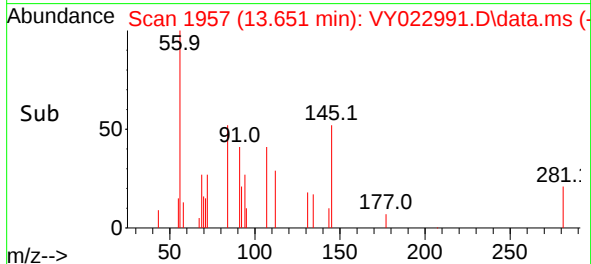
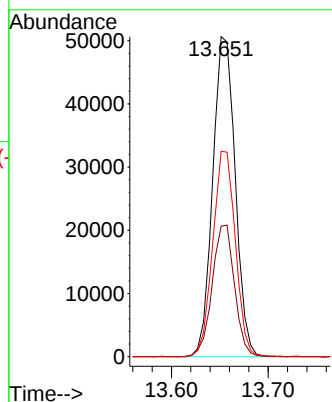
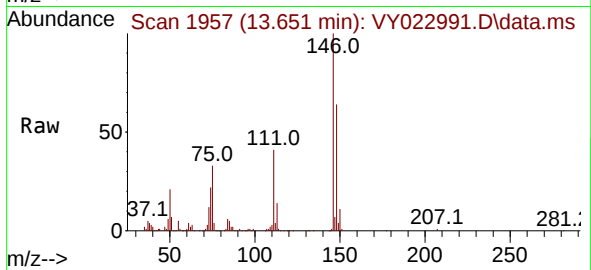
Tgt Ion:146 Resp: 81887

Ion Ratio Lower Upper

146 100

111 40.9 20.3 61.0

148 64.5 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 9.166 ug/l

RT: 14.267 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VY022991.D

Acq: 18 Jul 2025 10:54

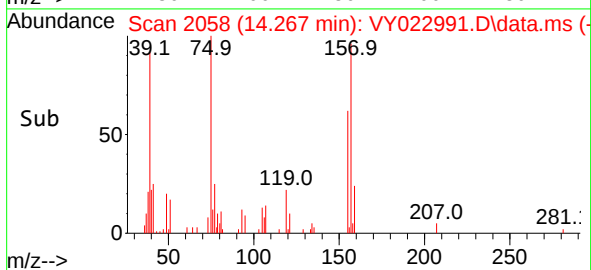
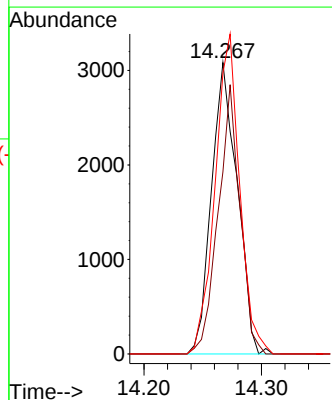
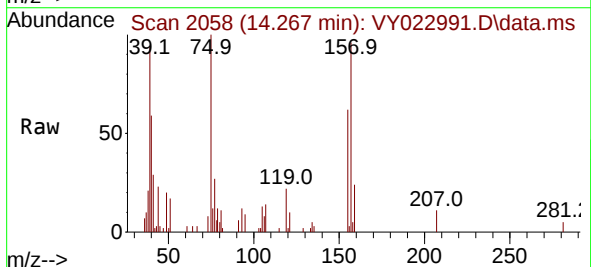
Tgt Ion: 75 Resp: 4700

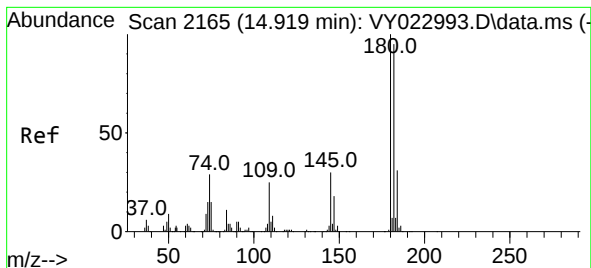
Ion Ratio Lower Upper

75 100

155 78.3 42.8 128.3

157 105.1 54.3 162.9





#93

1,2,4-Trichlorobenzene

Concen: 8.800 ug/l

RT: 14.913 min Scan# 2164

Delta R.T. -0.006 min

Lab File: VY022991.D

Acq: 18 Jul 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

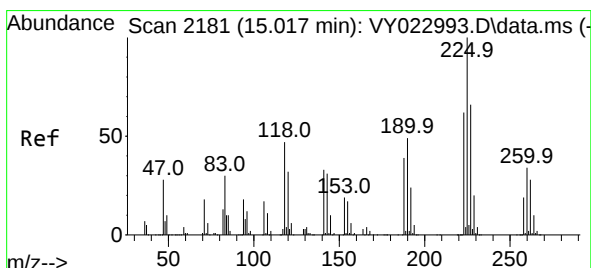
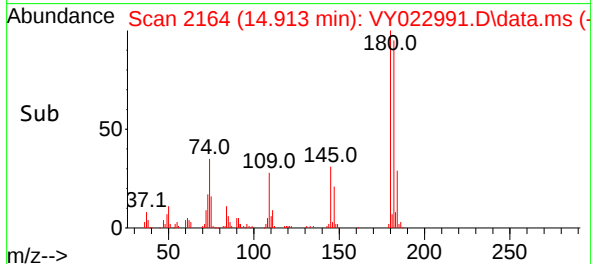
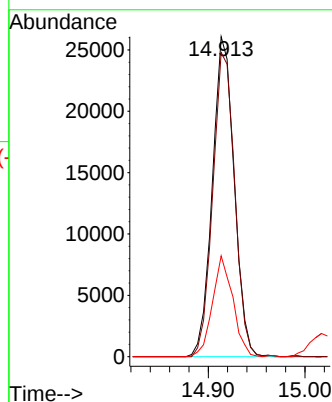
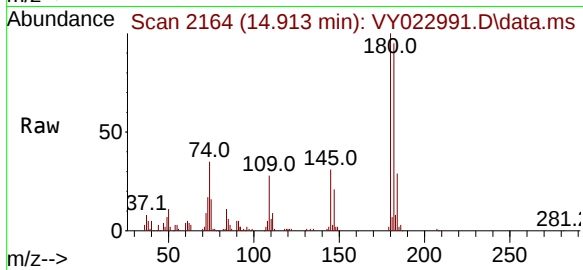
Tgt Ion:180 Resp: 40871

Ion Ratio Lower Upper

180 100

182 95.5 47.5 142.5

145 29.4 14.9 44.9



#94

Hexachlorobutadiene

Concen: 9.465 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY022991.D

Acq: 18 Jul 2025 10:54

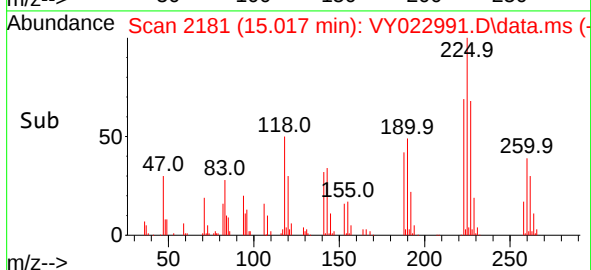
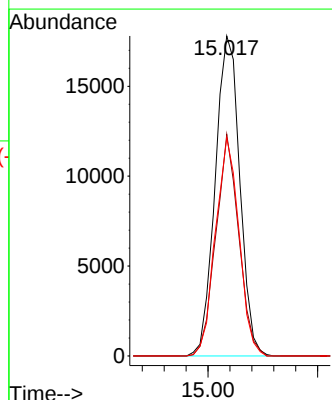
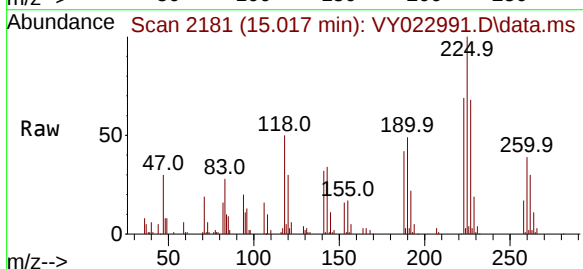
Tgt Ion:225 Resp: 27714

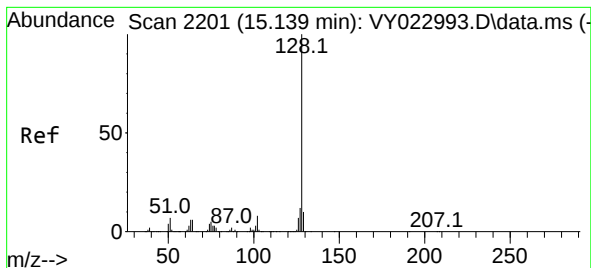
Ion Ratio Lower Upper

225 100

223 64.6 31.4 94.0

227 65.3 32.1 96.5





#95

Naphthalene

Concen: 7.926 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY022991.D

Acq: 18 Jul 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

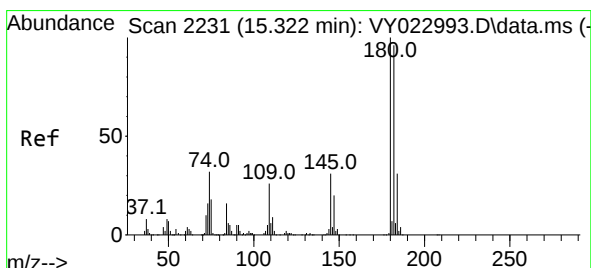
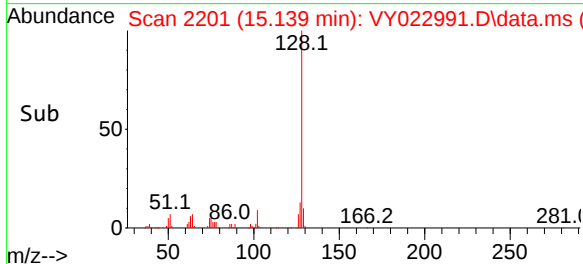
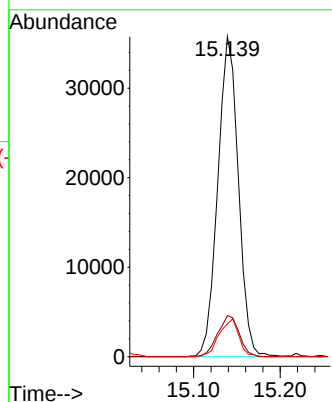
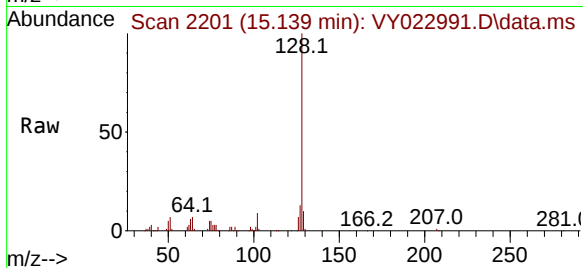
Tgt Ion:128 Resp: 59039

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.2

129 11.3 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 8.846 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY022991.D

Acq: 18 Jul 2025 10:54

Tgt Ion:180 Resp: 33923

Ion Ratio Lower Upper

180 100

182 93.8 47.3 142.0

145 31.9 15.8 47.4

