

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
 Data File : VY021404.D
 Acq On : 04 Mar 2025 13:35
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY030425

Quant Time: Mar 05 04:07:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 03:21:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	253935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	389829	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	339219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	168875	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	109635	40.849	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.700%
35) Dibromofluoromethane	7.640	113	110338	43.060	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.120%
50) Toluene-d8	10.109	98	424526	43.756	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.520%
62) 4-Bromofluorobenzene	12.408	95	142640	43.221	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.440%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	112443	48.253	ug/l	96
3) Chloromethane	2.074	50	156348	47.589	ug/l	100
4) Vinyl Chloride	2.208	62	174840	48.699	ug/l	100
5) Bromomethane	2.598	94	116695	44.972	ug/l	97
6) Chloroethane	2.739	64	114747	48.363	ug/l	96
7) Trichlorofluoromethane	3.062	101	240913	48.075	ug/l	100
8) Diethyl Ether	3.458	74	62608	45.082	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	138560	48.429	ug/l	98
10) Methyl Iodide	4.013	142	144799	49.788	ug/l	98
11) Tert butyl alcohol	4.866	59	37399	210.782	ug/l	100
12) 1,1-Dichloroethene	3.793	96	124794	47.842	ug/l	96
13) Acrolein	3.659	56	5275	38.640	ug/l	91
14) Allyl chloride	4.385	41	204230	48.449	ug/l	99
15) Acrylonitrile	5.061	53	131518	222.469	ug/l	99
16) Acetone	3.873	43	118685	202.745	ug/l	94
17) Carbon Disulfide	4.110	76	396166	48.462	ug/l	100
18) Methyl Acetate	4.385	43	58137	44.759	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	304343	46.033	ug/l	99
20) Methylene Chloride	4.622	84	134012	43.612	ug/l	97
21) trans-1,2-Dichloroethene	5.122	96	139524	47.762	ug/l	97
22) Diisopropyl ether	6.025	45	429821	47.313	ug/l	98
23) Vinyl Acetate	5.964	43	1210533	233.485	ug/l	100
24) 1,1-Dichloroethane	5.921	63	252393	47.073	ug/l	98
25) 2-Butanone	6.896	43	174172	215.087	ug/l	99
26) 2,2-Dichloropropane	6.884	77	233854	47.402	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	156911	47.282	ug/l	100
28) Bromochloromethane	7.250	49	95902	42.664	ug/l	100
29) Tetrahydrofuran	7.262	42	109220	218.478	ug/l	99
30) Chloroform	7.421	83	261368	46.945	ug/l	98
31) Cyclohexane	7.701	56	235503	46.851	ug/l	100
32) 1,1,1-Trichloroethane	7.622	97	240965	47.268	ug/l	100
36) 1,1-Dichloropropene	7.841	75	194023	48.373	ug/l	99
37) Ethyl Acetate	6.988	43	78239	44.133	ug/l	98
38) Carbon Tetrachloride	7.823	117	223568	48.466	ug/l	99
39) Methylcyclohexane	9.109	83	255320	51.895	ug/l	99
40) Benzene	8.085	78	570324	48.269	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	43121	44.672	ug/l #	94
42) 1,2-Dichloroethane	8.158	62	150203	45.442	ug/l	99
43) Isopropyl Acetate	8.201	43	155053	45.055	ug/l	99
44) Trichloroethene	8.866	130	143197	47.960	ug/l	97
45) 1,2-Dichloropropane	9.146	63	131586	46.793	ug/l	100
46) Dibromomethane	9.231	93	72593	46.395	ug/l	98
47) Bromodichloromethane	9.426	83	195906	47.147	ug/l	98
48) Methyl methacrylate	9.219	41	74512	47.151	ug/l	100
49) 1,4-Dioxane	9.237	88	13858	902.348	ug/l #	93
51) 4-Methyl-2-Pentanone	9.999	43	403135	227.032	ug/l	99
52) Toluene	10.170	92	365560	49.074	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	175877	48.043	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	208566	47.986	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	94002	45.928	ug/l	99
56) Ethyl methacrylate	10.438	69	126505	48.463	ug/l	98
57) 1,3-Dichloropropane	10.719	76	165444	46.639	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	308048	255.644	ug/l	99
59) 2-Hexanone	10.762	43	267126	227.512	ug/l	100
60) Dibromochloromethane	10.914	129	130898	46.650	ug/l	100
61) 1,2-Dibromoethane	11.018	107	90113	46.650	ug/l	97
64) Tetrachloroethene	10.652	164	133949	48.560	ug/l	99
65) Chlorobenzene	11.444	112	389215	48.588	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	136423	48.170	ug/l	99
67) Ethyl Benzene	11.524	91	711522	50.606	ug/l	100
68) m/p-Xylenes	11.633	106	535637	100.346	ug/l	98
69) o-Xylene	11.956	106	251155	51.052	ug/l	100
70) Styrene	11.975	104	414862	50.832	ug/l	99
71) Bromoform	12.133	173	74526	47.074	ug/l #	98
73) Isopropylbenzene	12.255	105	682314	51.291	ug/l	100
74) N-amyl acetate	12.072	43	140299	48.563	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	106240	45.257	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	141516	83.160	ug/l #	100
77) Bromobenzene	12.536	156	151799	48.776	ug/l	97
78) n-propylbenzene	12.597	91	826767	51.175	ug/l	100
79) 2-Chlorotoluene	12.682	91	460771	49.879	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	554575	51.299	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	34812	46.505	ug/l	99
82) 4-Chlorotoluene	12.779	91	467554	48.877	ug/l	99
83) tert-Butylbenzene	12.999	119	502268	52.081	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	549272	51.173	ug/l	99
85) sec-Butylbenzene	13.176	105	743209	51.795	ug/l	99
86) p-Isopropyltoluene	13.292	119	618832	52.349	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	298265	48.147	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	293712	48.479	ug/l	99
89) n-Butylbenzene	13.621	91	585888	53.673	ug/l	99
90) Hexachloroethane	13.883	117	125183	49.639	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	259217	48.821	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	16470	46.837	ug/l	92
93) 1,2,4-Trichlorobenzene	14.925	180	154740	53.357	ug/l	98
94) Hexachlorobutadiene	15.029	225	98454	54.157	ug/l	98
95) Naphthalene	15.145	128	245890	50.146	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	129250	52.990	ug/l	100

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ClientSampleId :
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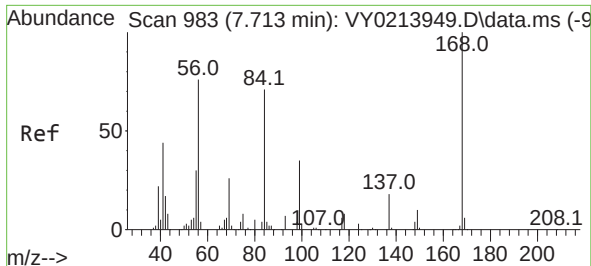
Quant Time: Mar 05 04:07:20 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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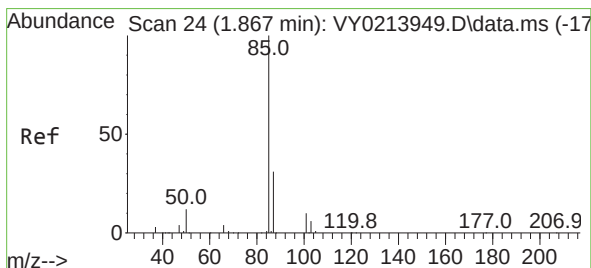
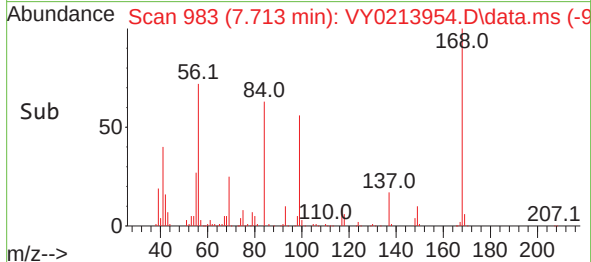
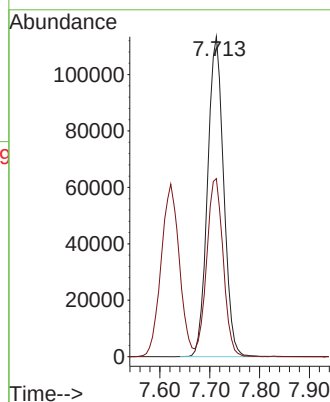
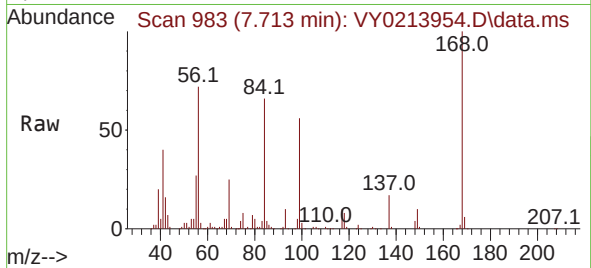




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

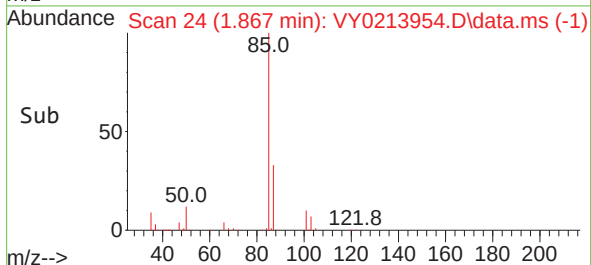
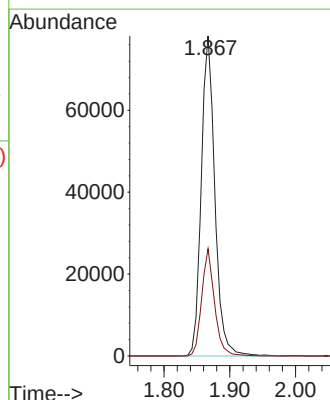
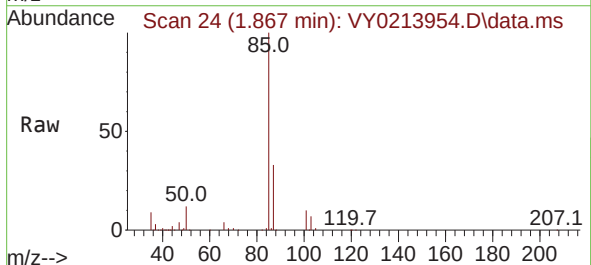
Instrument :
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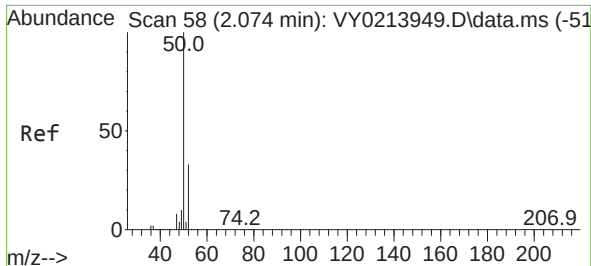
Tgt Ion:168 Resp: 253935
Ion Ratio Lower Upper
168 100
99 55.6 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 48.253 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

Tgt Ion: 85 Resp: 112443
Ion Ratio Lower Upper
85 100
87 33.5 15.7 47.0

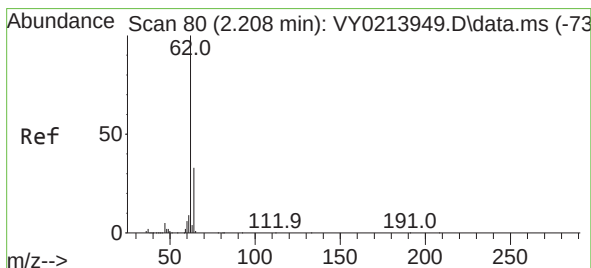
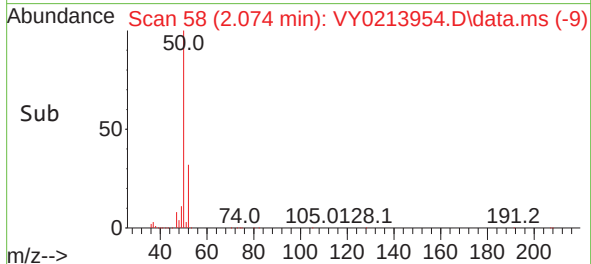
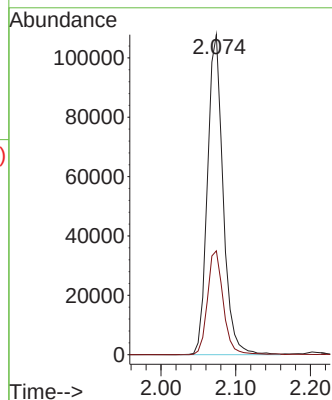
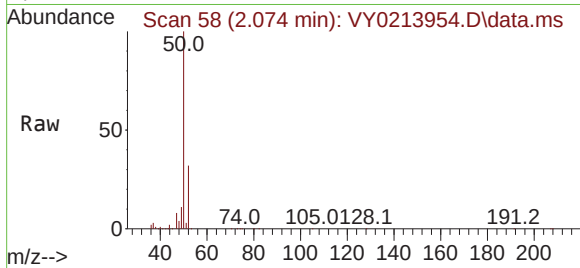




#3
Chloromethane
Concen: 47.589 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

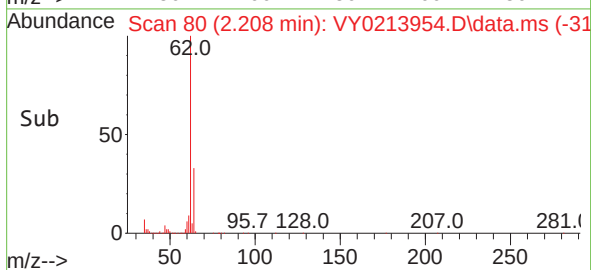
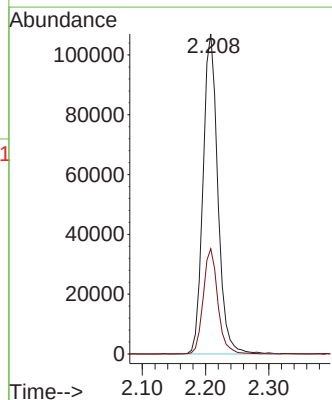
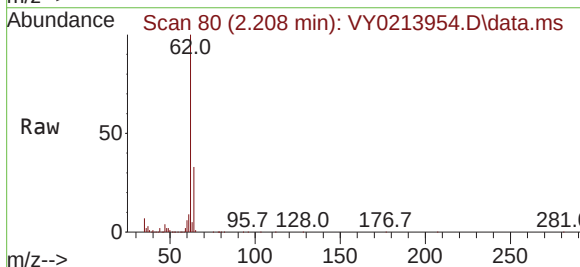
Instrument :
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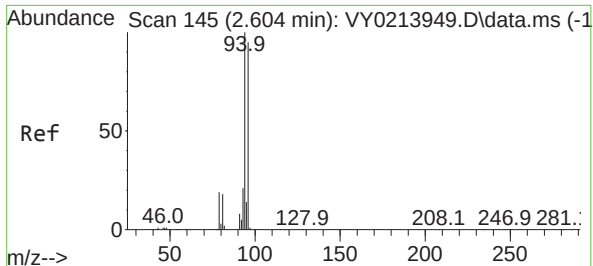
Tgt Ion: 50 Resp: 156348
Ion Ratio Lower Upper
50 100
52 32.4 26.2 39.2



#4
Vinyl Chloride
Concen: 48.699 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

Tgt Ion: 62 Resp: 174840
Ion Ratio Lower Upper
62 100
64 32.9 26.2 39.2

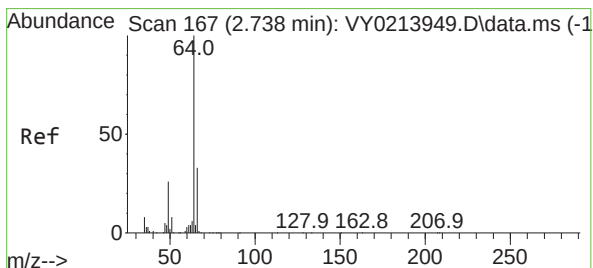
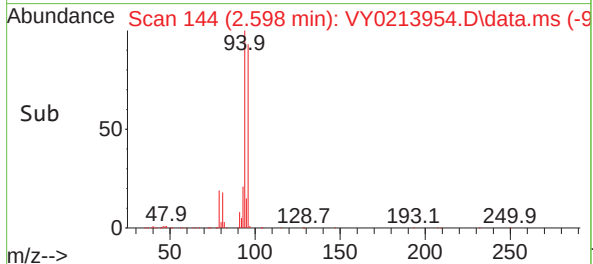
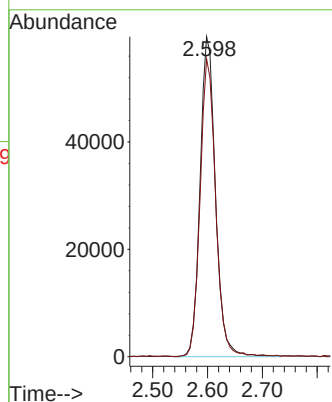
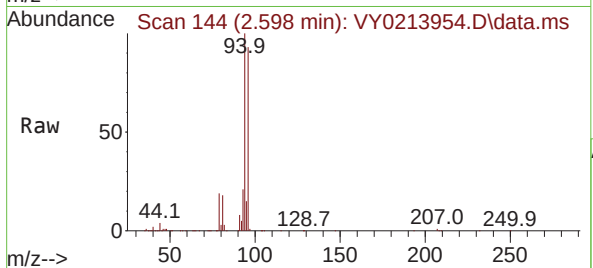




#5
Bromomethane
Concen: 44.972 ug/l
RT: 2.598 min Scan# 145
Delta R.T. -0.006 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

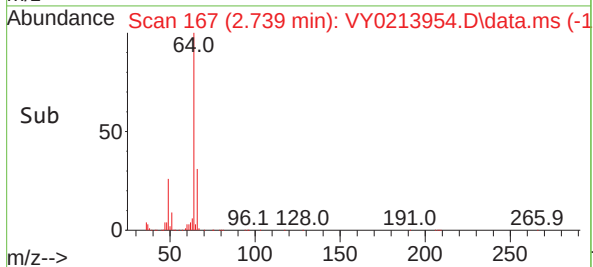
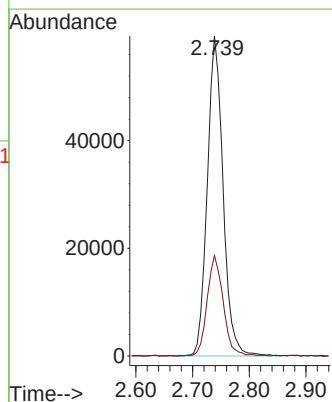
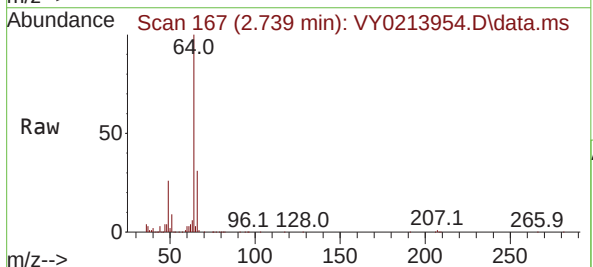
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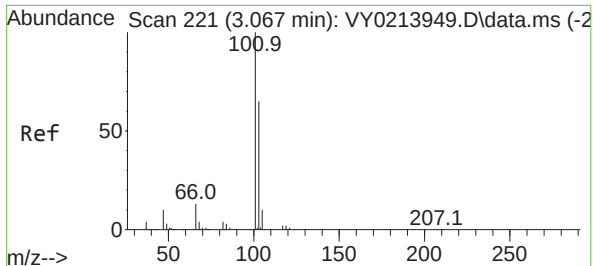
Tgt Ion: 94 Resp: 116695
Ion Ratio Lower Upper
94 100
96 92.8 76.3 114.5



#6
Chloroethane
Concen: 48.363 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

Tgt Ion: 64 Resp: 114747
Ion Ratio Lower Upper
64 100
66 31.2 26.7 40.1

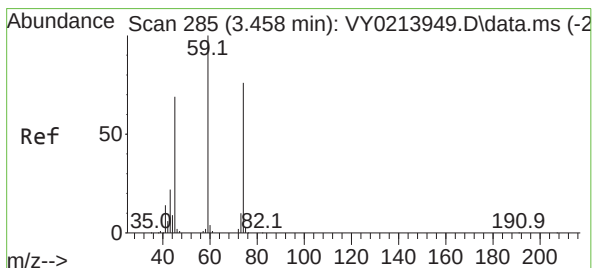
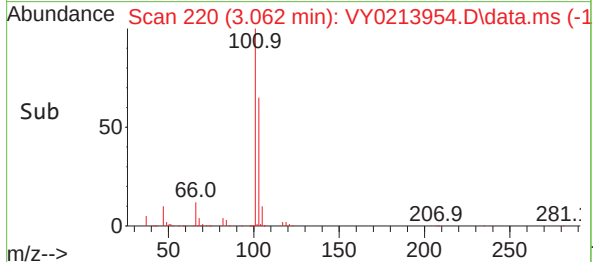
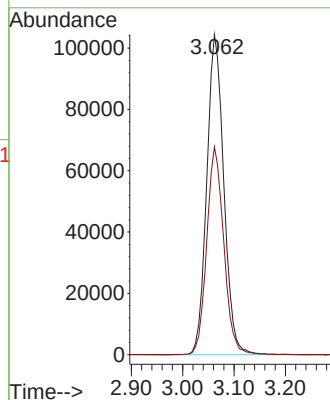
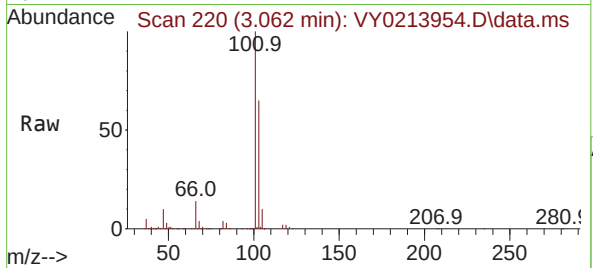




#7
 Trichlorofluoromethane
 Concen: 48.075 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY0213954.D
 Acq: 04 Mar 2025 13:35

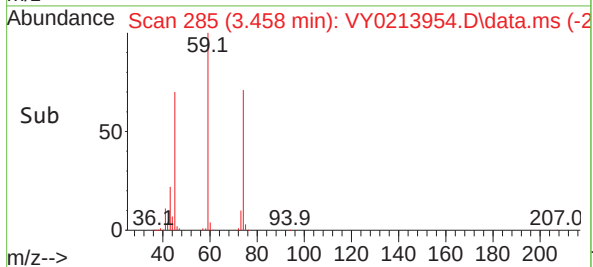
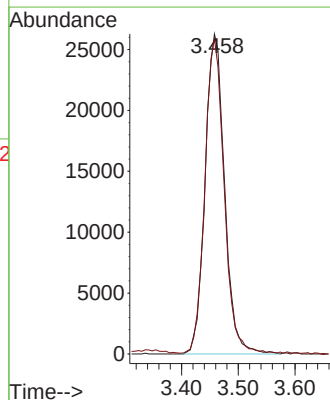
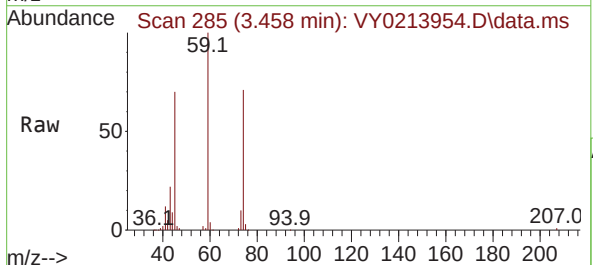
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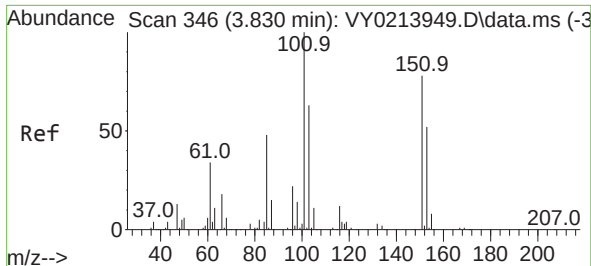
Tgt Ion:101 Resp: 240913
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.7 77.5



#8
 Diethyl Ether
 Concen: 45.082 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY0213954.D
 Acq: 04 Mar 2025 13:35

Tgt Ion: 74 Resp: 62608
 Ion Ratio Lower Upper
 74 100
 45 97.3 49.7 149.1

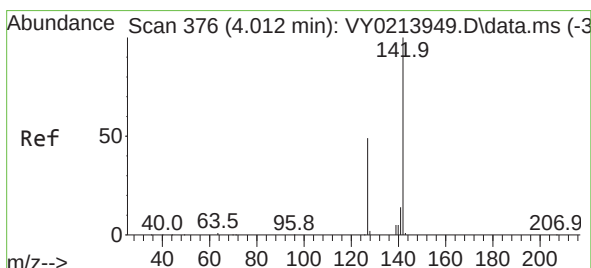
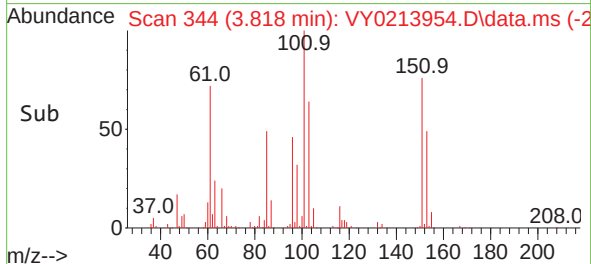
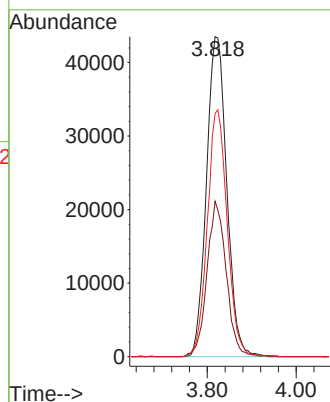
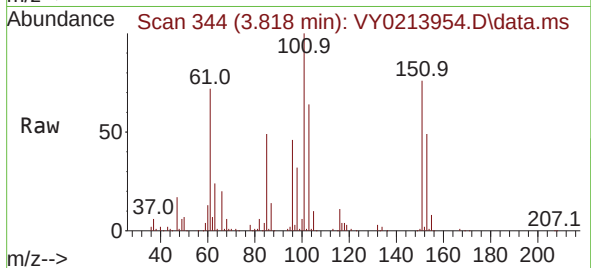




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.429 ug/l
RT: 3.818 min Scan# 344
Delta R.T. -0.012 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

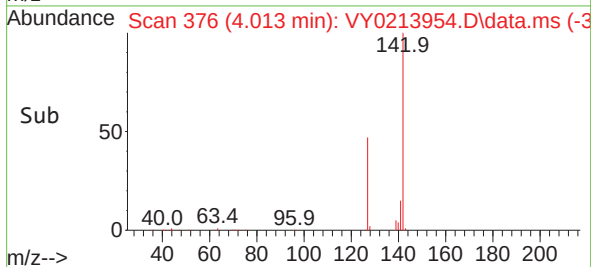
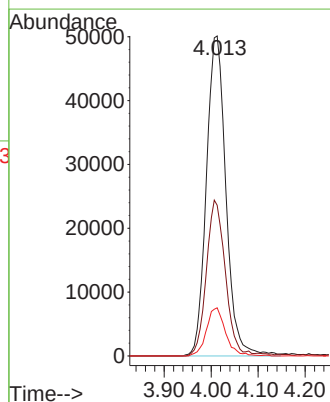
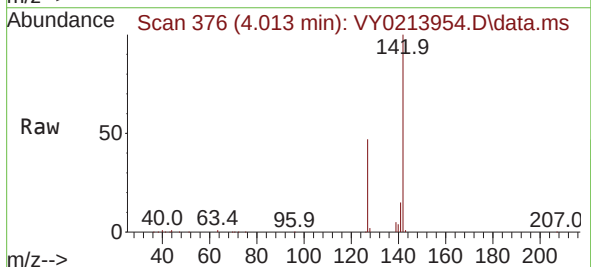
Instrument :
MSVOA_Y
ClientSampleId :
ICVY030425

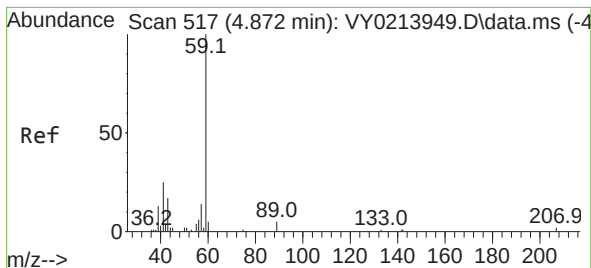
Tgt Ion:101 Resp: 138560
Ion Ratio Lower Upper
101 100
85 45.9 37.1 55.7
151 75.6 62.1 93.1



#10
Methyl Iodide
Concen: 49.788 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.000 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

Tgt Ion:142 Resp: 144799
Ion Ratio Lower Upper
142 100
127 47.2 39.1 58.7
141 14.6 11.8 17.6





#11

Tert butyl alcohol

Concen: 210.782 ug/l

RT: 4.866 min Scan# 517

Delta R.T. -0.006 min

Lab File: VY0213954.D

Acq: 04 Mar 2025 13:35

Instrument :

MSVOA_Y

ClientSampleId :

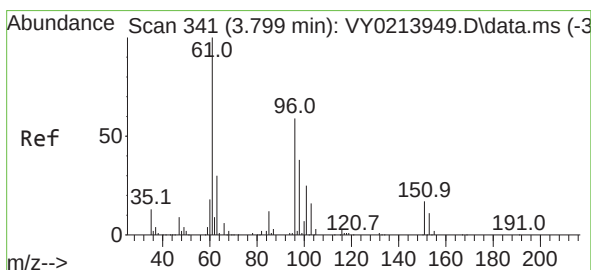
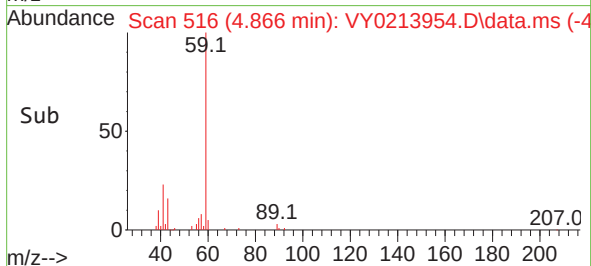
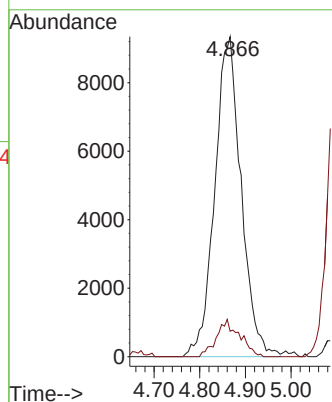
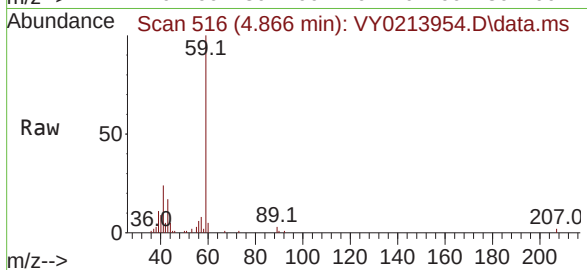
ICVVY030425

Tgt Ion: 59 Resp: 37399

Ion Ratio Lower Upper

59 100

57 10.2 8.2 12.4



#12

1,1-Dichloroethene

Concen: 47.842 ug/l

RT: 3.793 min Scan# 340

Delta R.T. -0.006 min

Lab File: VY0213954.D

Acq: 04 Mar 2025 13:35

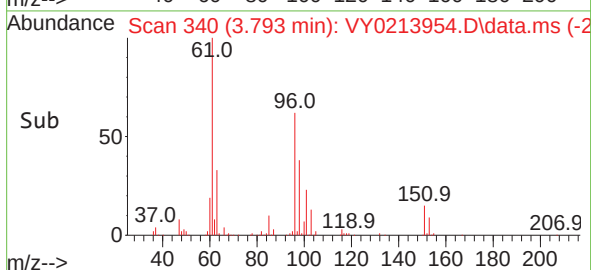
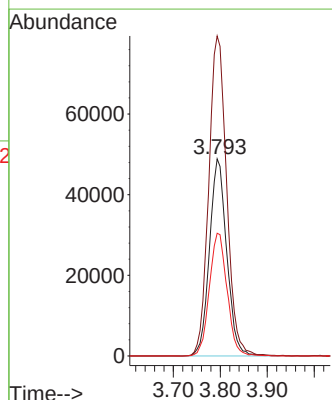
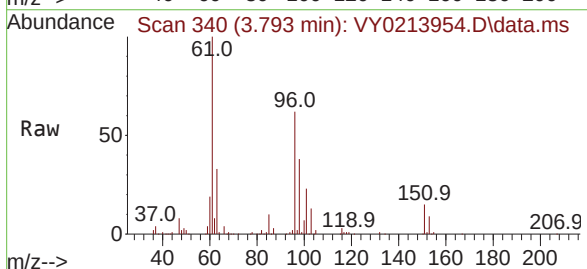
Tgt Ion: 96 Resp: 124794

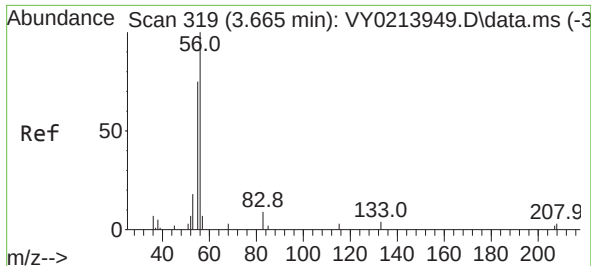
Ion Ratio Lower Upper

96 100

61 162.3 135.2 202.8

98 62.2 51.4 77.2

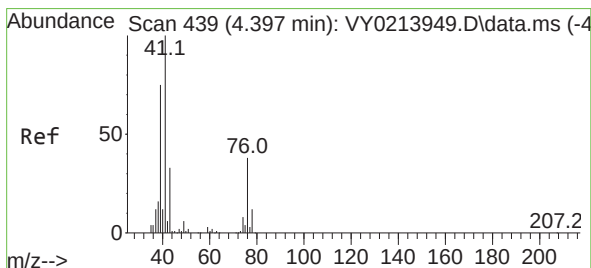
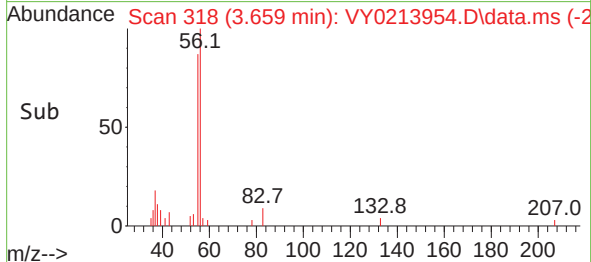
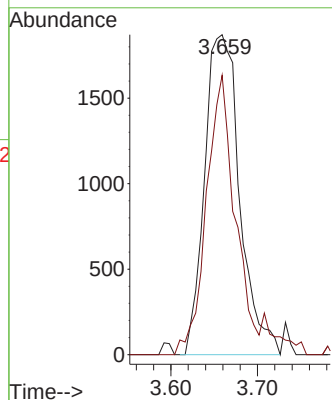
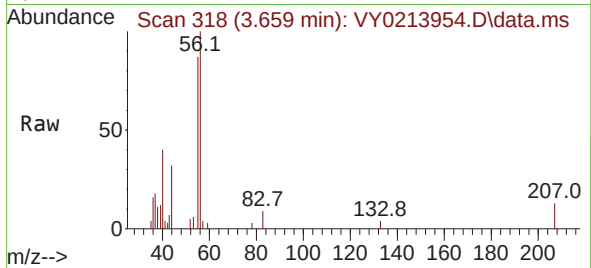




#13
Acrolein
Concen: 38.640 ug/l
RT: 3.659 min Scan# 318
Delta R.T. -0.006 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

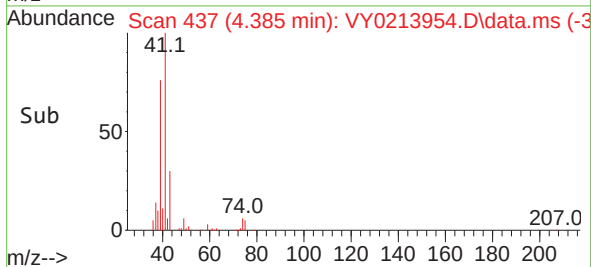
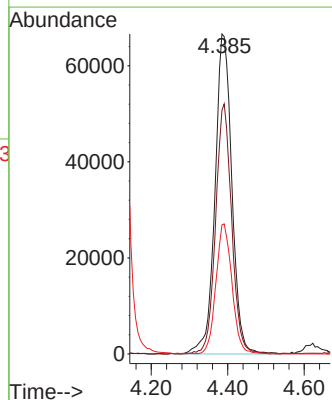
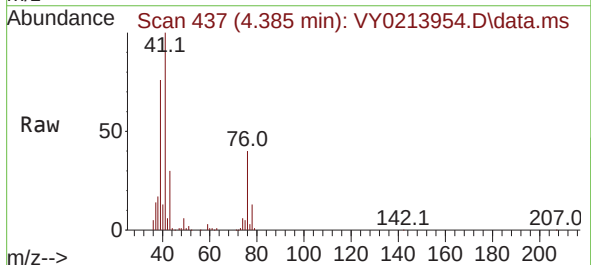
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425

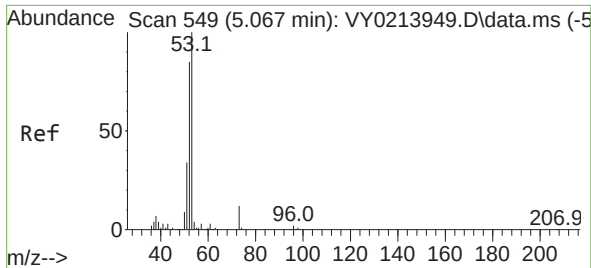
Tgt Ion: 56 Resp: 5275
Ion Ratio Lower Upper
56 100
55 71.2 63.4 95.2



#14
Allyl chloride
Concen: 48.449 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

Tgt Ion: 41 Resp: 204230
Ion Ratio Lower Upper
41 100
39 74.5 59.3 88.9
76 38.7 29.8 44.8

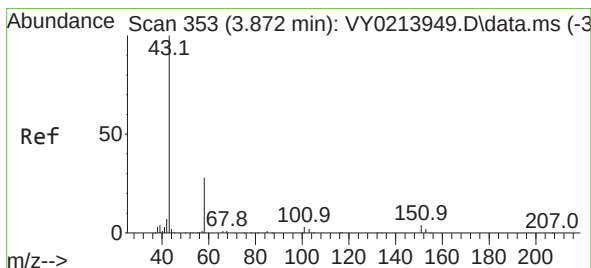
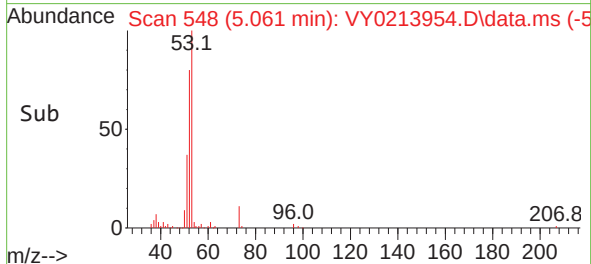
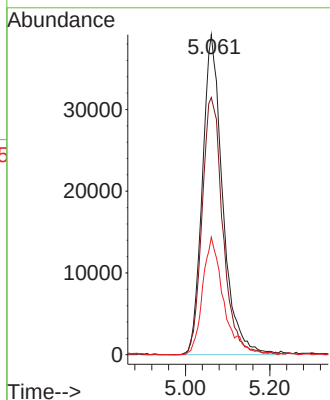
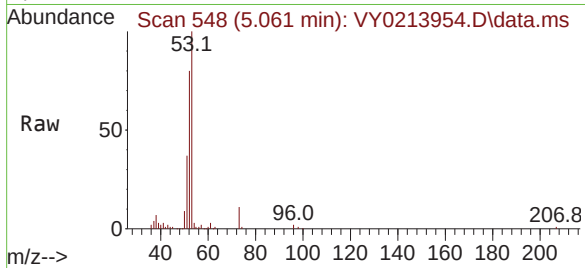




#15
Acrylonitrile
Concen: 222.469 ug/l
RT: 5.061 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

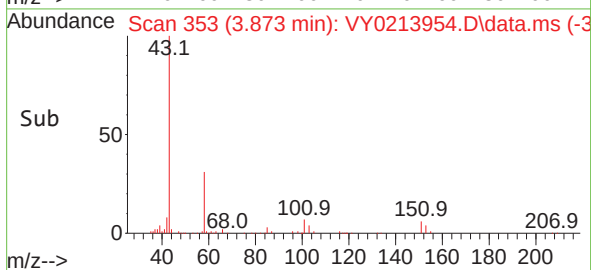
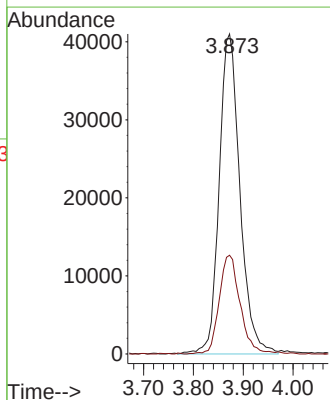
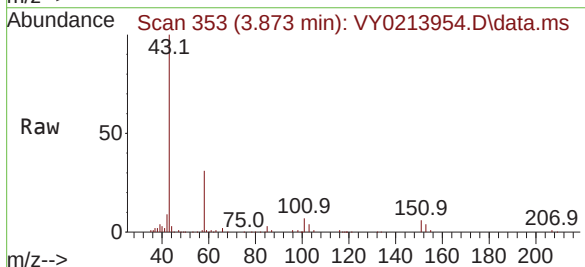
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425

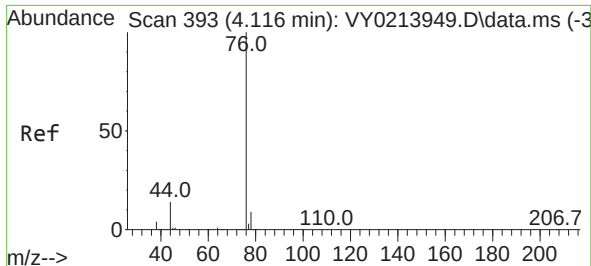
Tgt Ion: 53 Resp: 131518
Ion Ratio Lower Upper
53 100
52 81.8 66.3 99.5
51 38.0 30.3 45.5



#16
Acetone
Concen: 202.745 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

Tgt Ion: 43 Resp: 118685
Ion Ratio Lower Upper
43 100
58 30.6 22.1 33.1

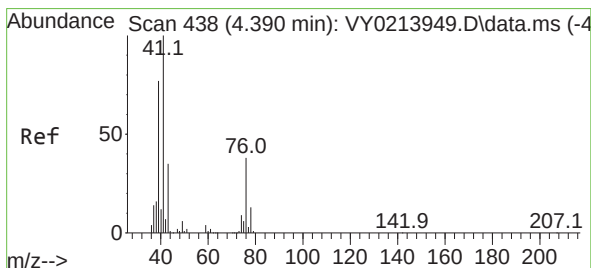
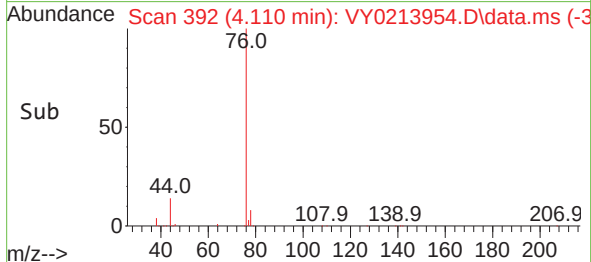
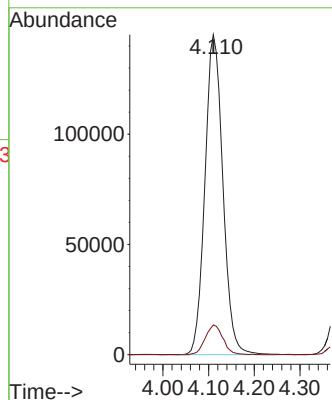
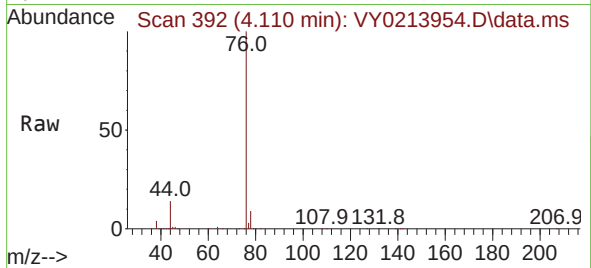




#17
Carbon Disulfide
Concen: 48.462 ug/l
RT: 4.110 min Scan# 392
Delta R.T. -0.006 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

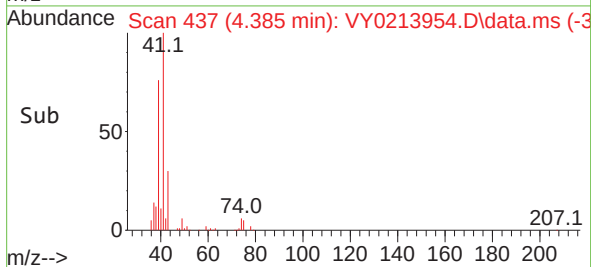
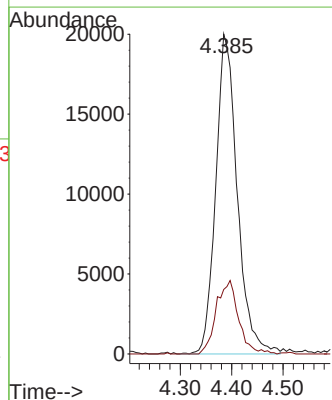
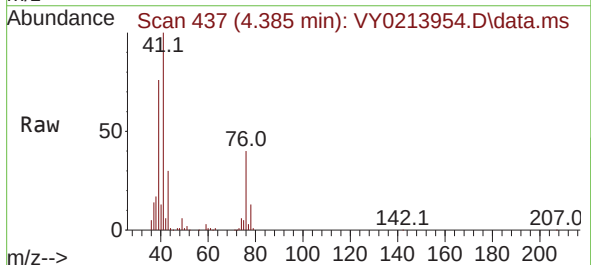
Instrument :
MSVOA_Y
ClientSampleId :
ICVY030425

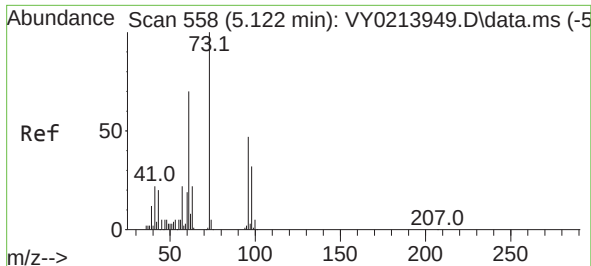
Tgt Ion: 76 Resp: 396166
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 44.759 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

Tgt Ion: 43 Resp: 58137
Ion Ratio Lower Upper
43 100
74 23.8 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 46.033 ug/l

RT: 5.116 min Scan# 5

Delta R.T. -0.006 min

Lab File: VY0213954.D

Acq: 04 Mar 2025 13:35

Instrument :

MSVOA_Y

ClientSampleId :

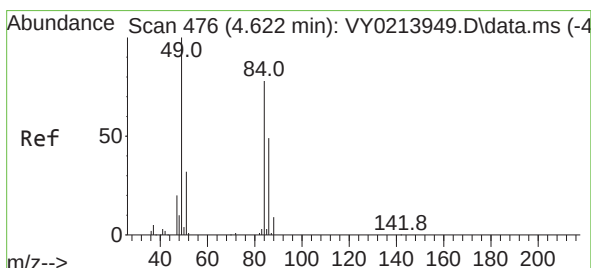
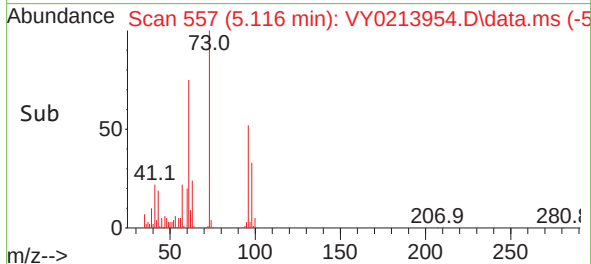
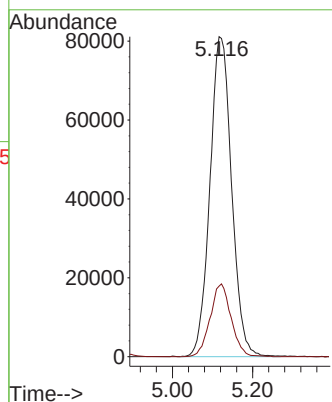
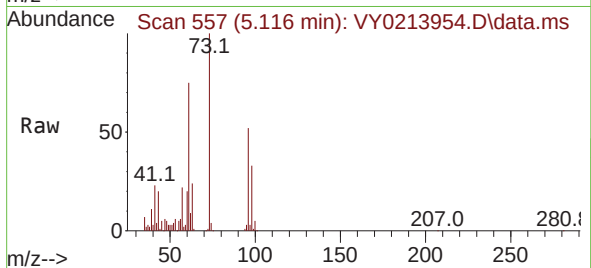
ICVVY030425

Tgt Ion: 73 Resp: 304343

Ion Ratio Lower Upper

73 100

57 22.1 17.9 26.9



#20

Methylene Chloride

Concen: 43.612 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.000 min

Lab File: VY0213954.D

Acq: 04 Mar 2025 13:35

Tgt Ion: 84 Resp: 134012

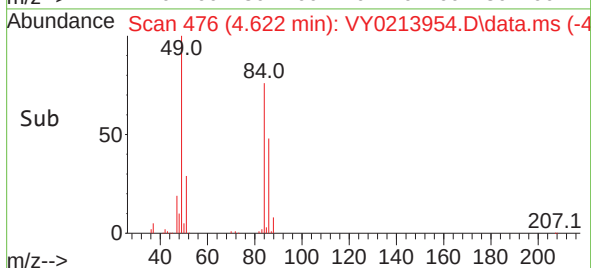
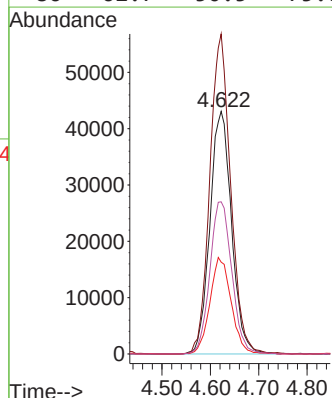
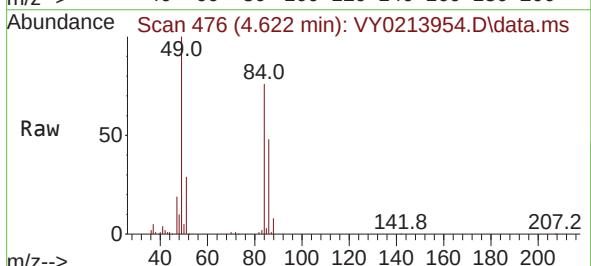
Ion Ratio Lower Upper

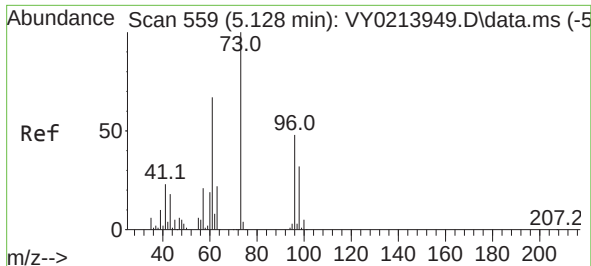
84 100

49 132.0 102.0 153.0

51 37.9 33.0 49.6

86 62.7 50.5 75.7

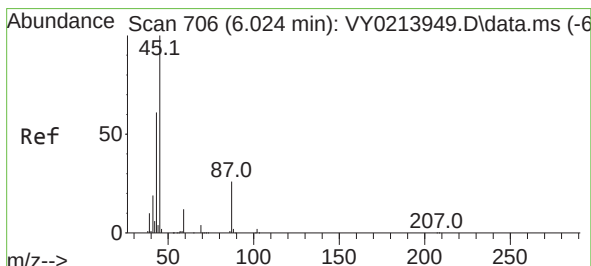
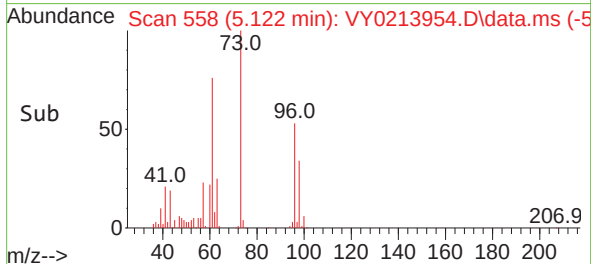
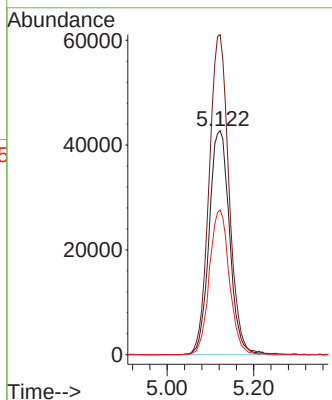
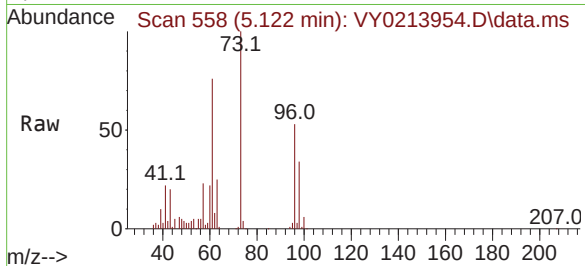




#21
trans-1,2-Dichloroethene
Concen: 47.762 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

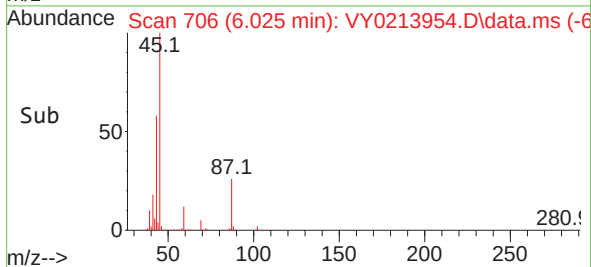
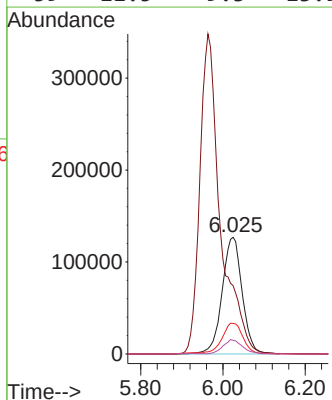
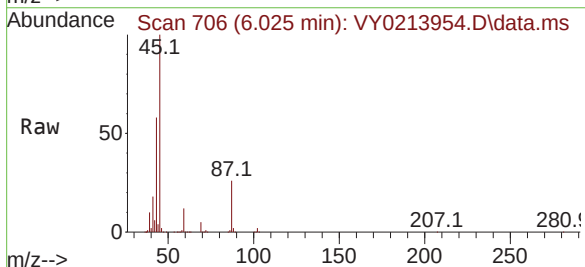
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425

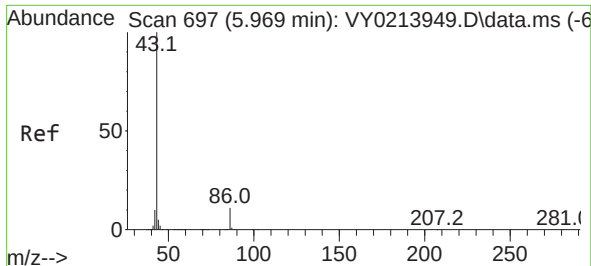
Tgt Ion: 96 Resp: 139524
Ion Ratio Lower Upper
96 100
61 143.0 111.5 167.3
98 64.6 53.8 80.8



#22
Diisopropyl ether
Concen: 47.313 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

Tgt Ion: 45 Resp: 429821
Ion Ratio Lower Upper
45 100
43 58.4 48.7 73.1
87 26.2 21.5 32.3
59 11.5 9.3 13.9

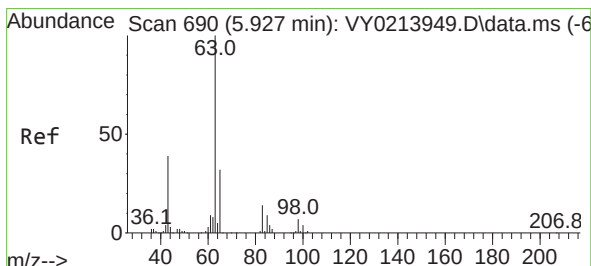
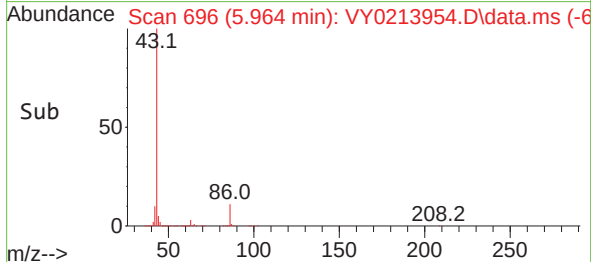
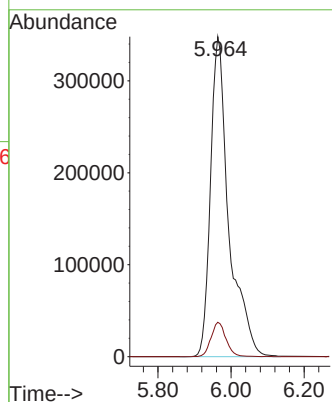
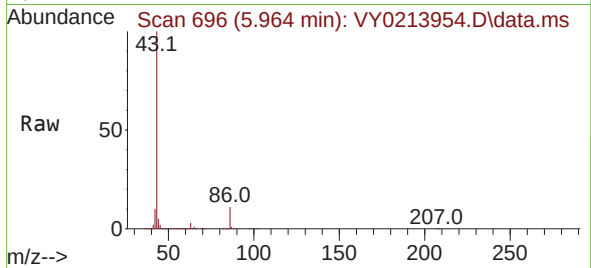




#23
 Vinyl Acetate
 Concen: 233.485 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY0213954.D
 Acq: 04 Mar 2025 13:35

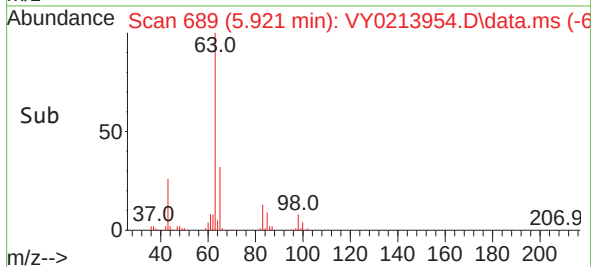
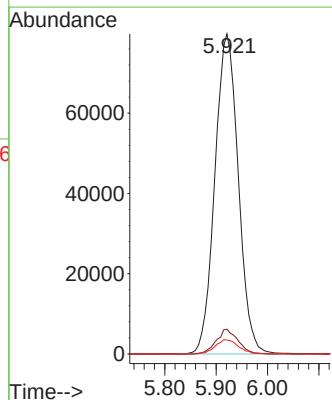
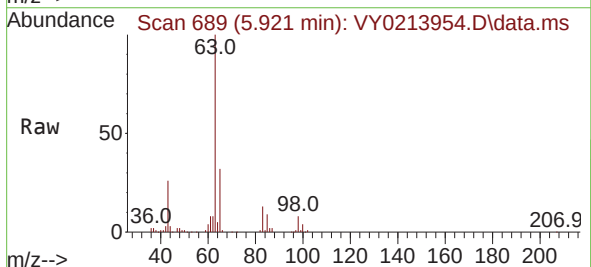
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY030425

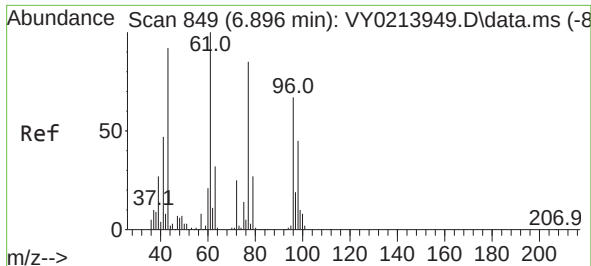
Tgt Ion: 43 Resp: 1210533
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 47.073 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: VY0213954.D
 Acq: 04 Mar 2025 13:35

Tgt Ion: 63 Resp: 252393
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.3 9.9
 100 4.4 2.1 6.5





#25

2-Butanone

Concen: 215.087 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY0213954.D

Acq: 04 Mar 2025 13:35

Instrument :

MSVOA_Y

ClientSampleId :

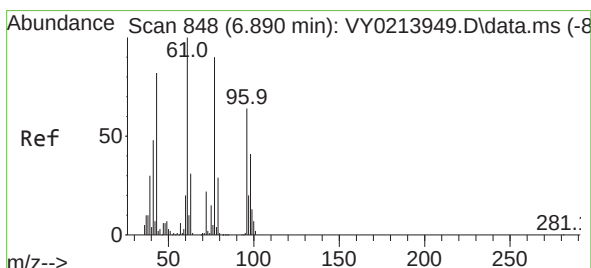
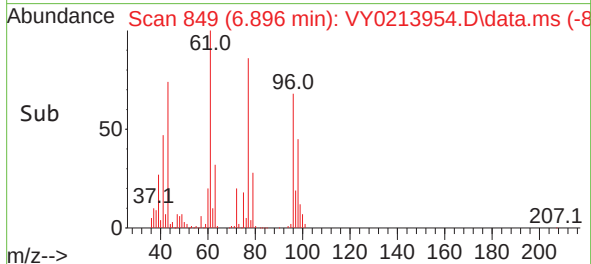
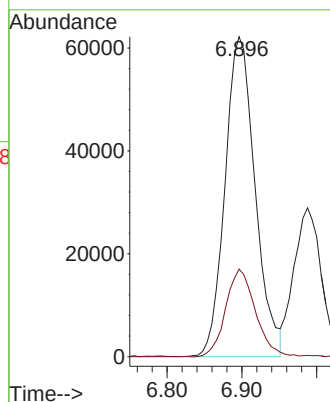
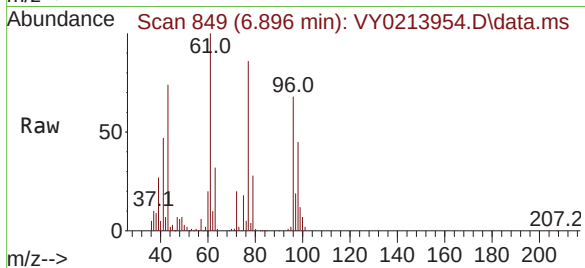
ICVY030425

Tgt Ion: 43 Resp: 174172

Ion Ratio Lower Upper

43 100

72 27.3 21.4 32.0



#26

2,2-Dichloropropane

Concen: 47.402 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY0213954.D

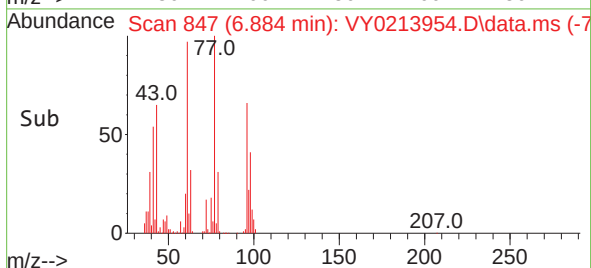
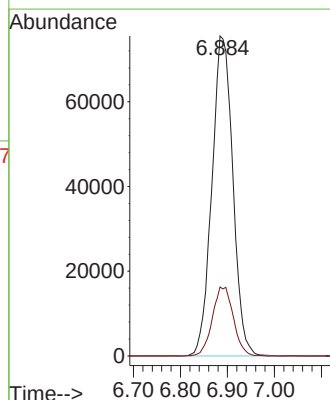
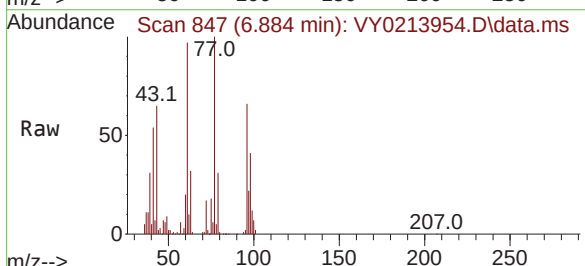
Acq: 04 Mar 2025 13:35

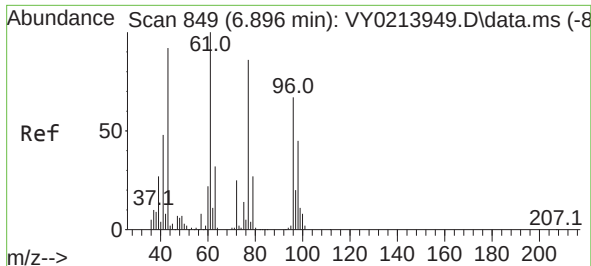
Tgt Ion: 77 Resp: 233854

Ion Ratio Lower Upper

77 100

97 21.7 11.3 33.8

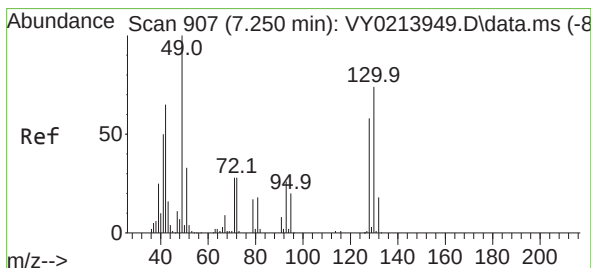
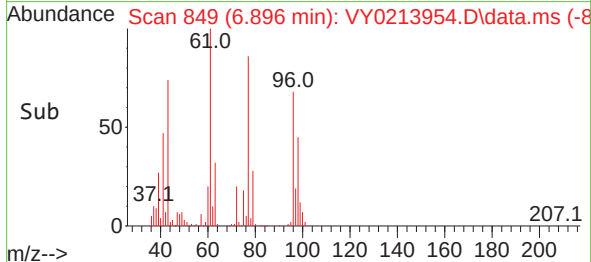
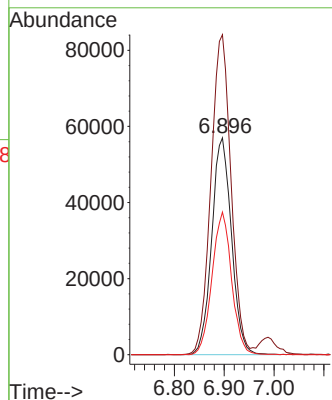
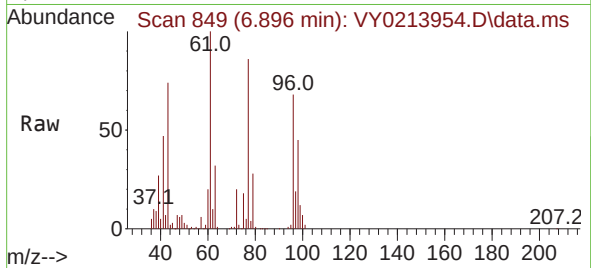




#27
 cis-1,2-Dichloroethene
 Concen: 47.282 ug/l
 RT: 6.896 min Scan# 849
 Delta R.T. 0.000 min
 Lab File: VY0213954.D
 Acq: 04 Mar 2025 13:35

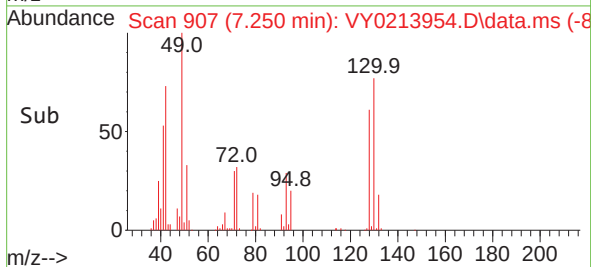
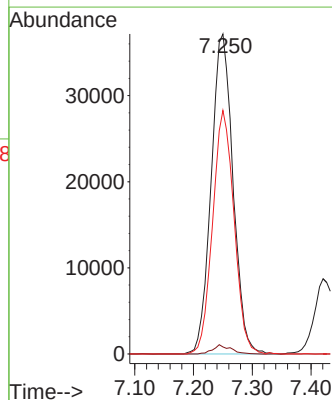
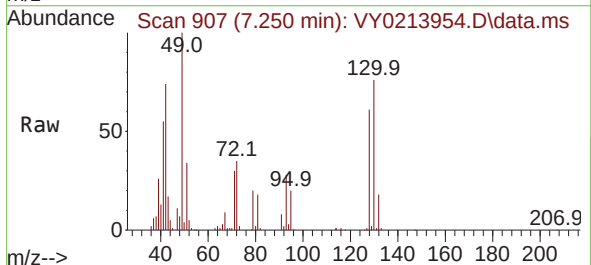
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY030425

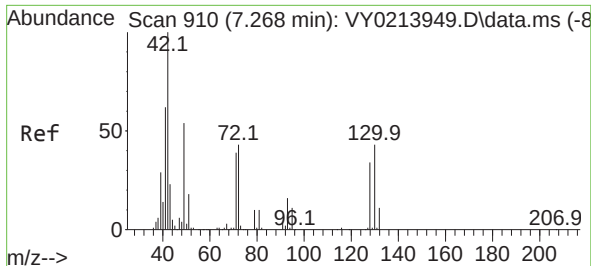
Tgt Ion: 96 Resp: 156911
 Ion Ratio Lower Upper
 96 100
 61 150.6 0.0 300.8
 98 65.1 0.0 130.0



#28
 Bromochloromethane
 Concen: 42.664 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.000 min
 Lab File: VY0213954.D
 Acq: 04 Mar 2025 13:35

Tgt Ion: 49 Resp: 95902
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.2
 130 74.5 59.6 89.4





#29

Tetrahydrofuran

Concen: 218.478 ug/l

RT: 7.262 min Scan# 910

Delta R.T. -0.006 min

Lab File: VY0213954.D

Acq: 04 Mar 2025 13:35

Instrument :

MSVOA_Y

ClientSampleId :

ICVY030425

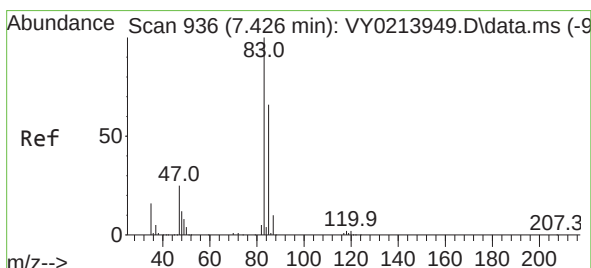
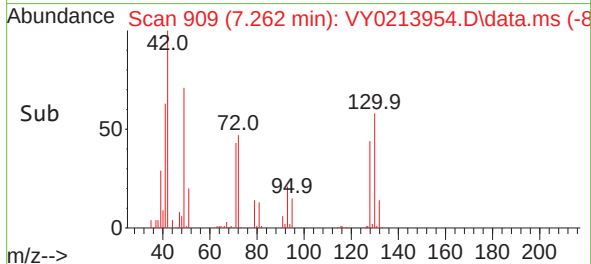
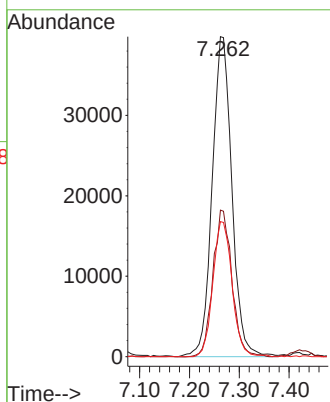
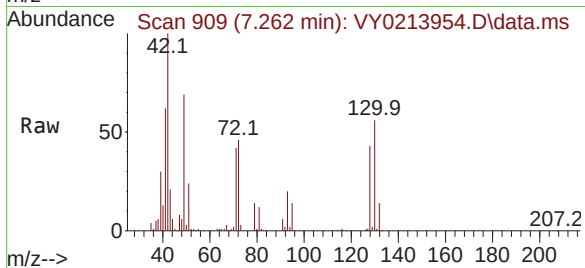
Tgt Ion: 42 Resp: 109220

Ion Ratio Lower Upper

42 100

72 44.0 34.8 52.2

71 41.1 32.6 48.8



#30

Chloroform

Concen: 46.945 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY0213954.D

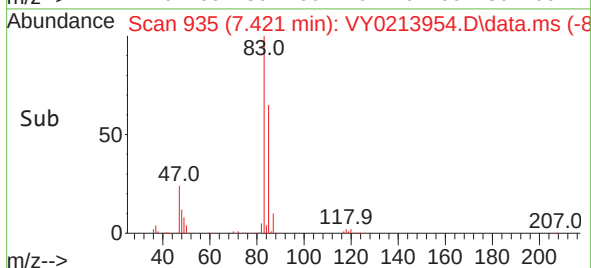
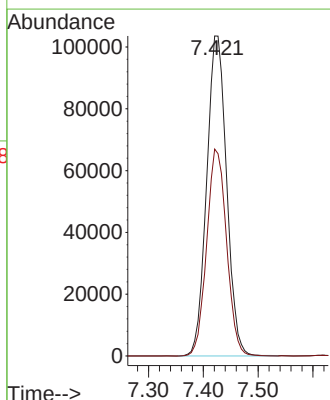
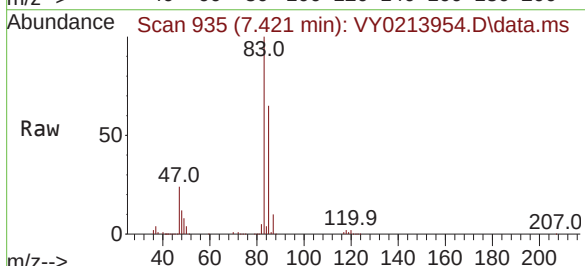
Acq: 04 Mar 2025 13:35

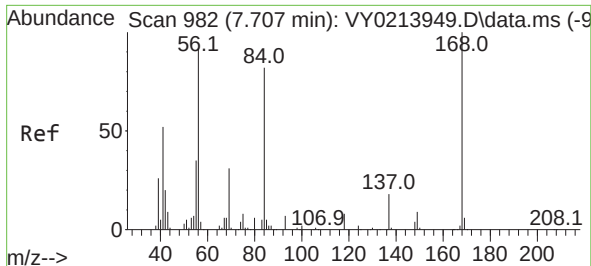
Tgt Ion: 83 Resp: 261368

Ion Ratio Lower Upper

83 100

85 64.7 53.1 79.7





#31

Cyclohexane

Concen: 46.851 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.006 min

Lab File: VY0213954.D

Acq: 04 Mar 2025 13:35

Instrument :

MSVOA_Y

ClientSampleId :

ICVY030425

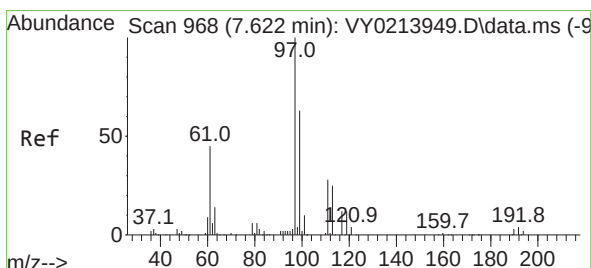
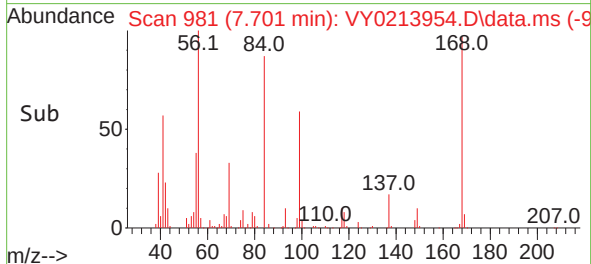
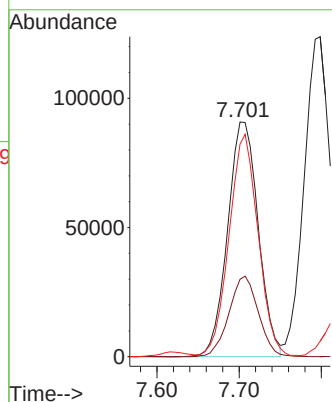
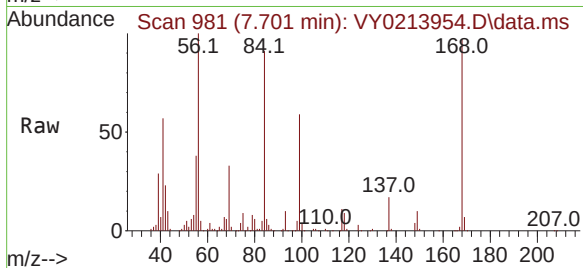
Tgt Ion: 56 Resp: 235503

Ion Ratio Lower Upper

56 100

69 33.0 27.0 40.4

84 88.9 71.1 106.7



#32

1,1,1-Trichloroethane

Concen: 47.268 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY0213954.D

Acq: 04 Mar 2025 13:35

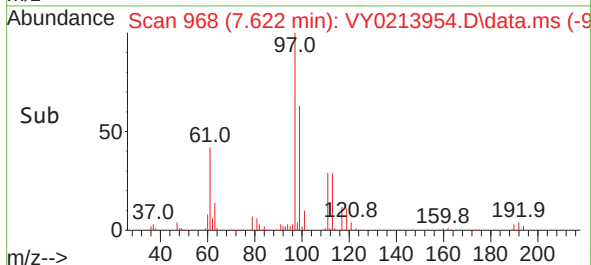
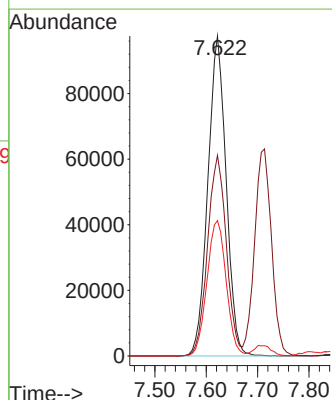
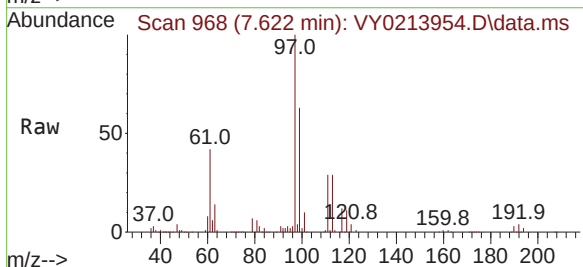
Tgt Ion: 97 Resp: 240965

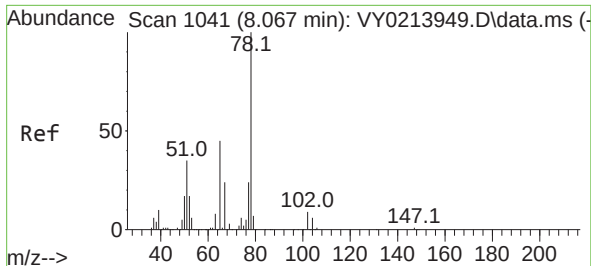
Ion Ratio Lower Upper

97 100

99 64.6 51.7 77.5

61 44.6 35.7 53.5

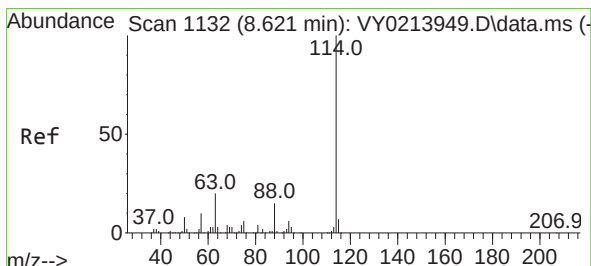
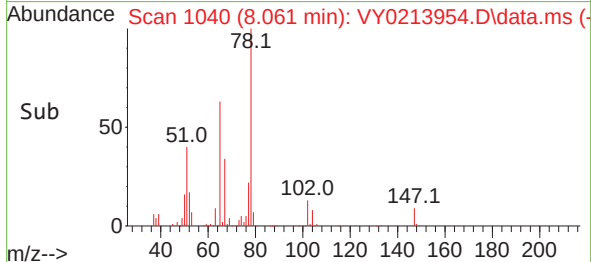
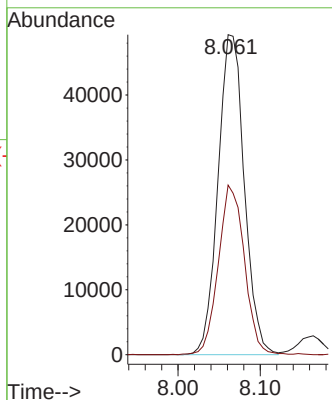
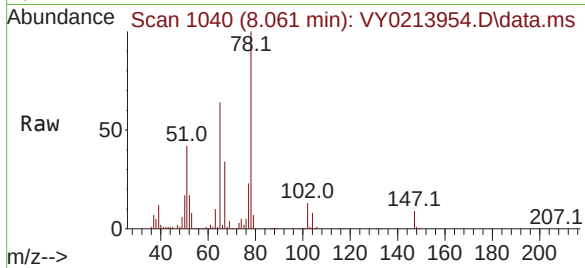




#33
1,2-Dichloroethane-d4
Concen: 40.849 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

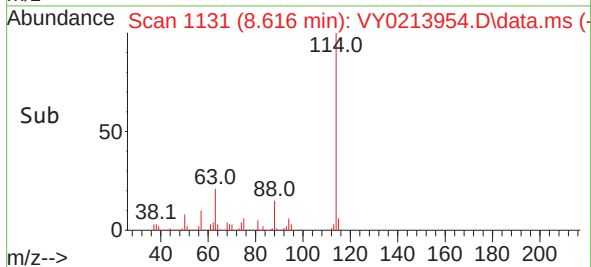
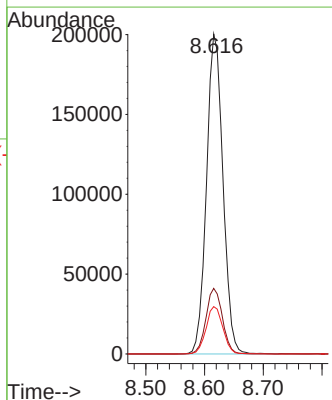
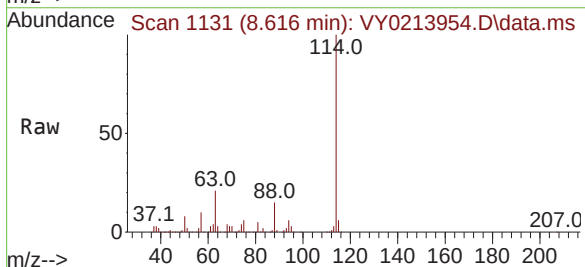
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425

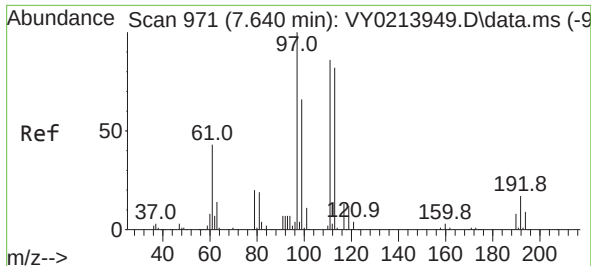
Tgt Ion: 65 Resp: 109635
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

Tgt Ion: 114 Resp: 389829
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 14.8 0.0 30.8





#35

Dibromofluoromethane

Concen: 43.060 ug/l

RT: 7.640 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY0213954.D

Acq: 04 Mar 2025 13:35

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY030425

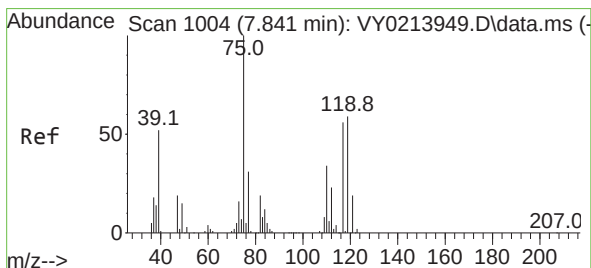
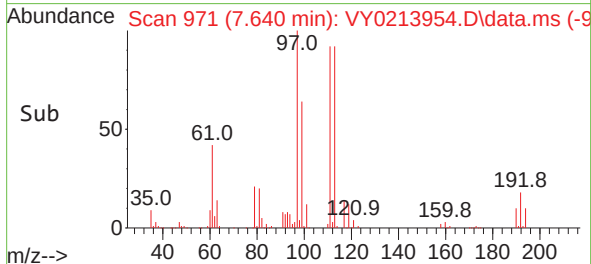
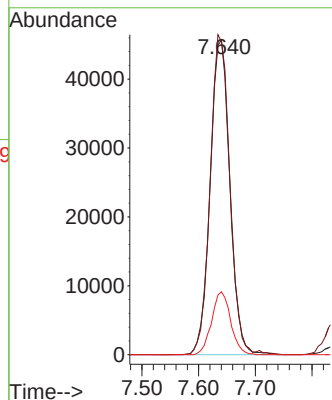
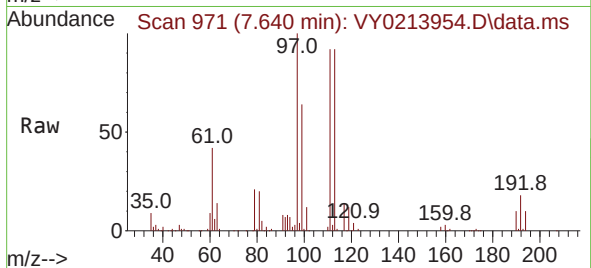
Tgt Ion:113 Resp: 110338

Ion Ratio Lower Upper

113 100

111 100.9 82.0 123.0

192 19.3 15.9 23.9



#36

1,1-Dichloropropene

Concen: 48.373 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VY0213954.D

Acq: 04 Mar 2025 13:35

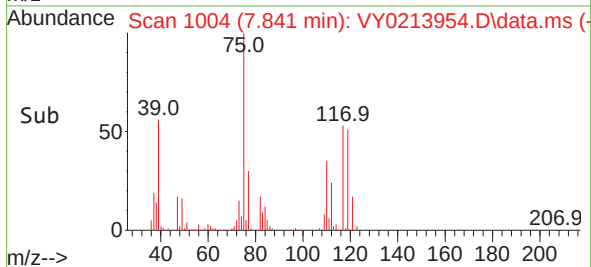
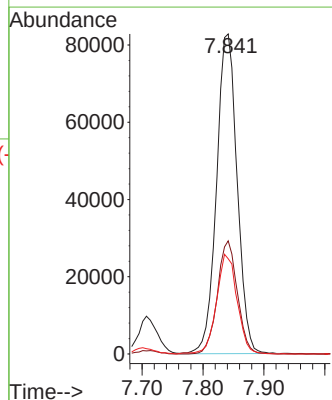
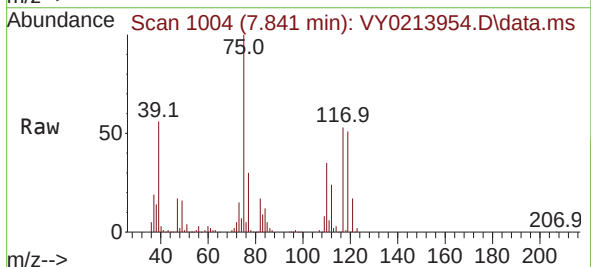
Tgt Ion: 75 Resp: 194023

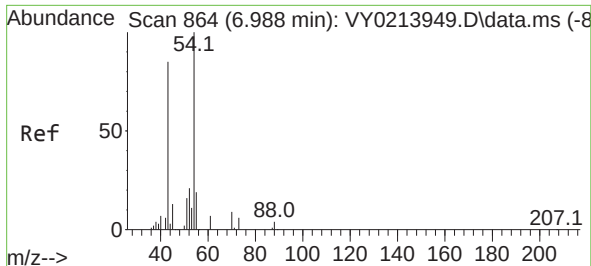
Ion Ratio Lower Upper

75 100

110 34.3 17.3 51.7

77 31.2 25.4 38.2





#37

Ethyl Acetate

Concen: 44.133 ug/l

RT: 6.988 min Scan# 8

Delta R.T. 0.000 min

Lab File: VY0213954.D

Acq: 04 Mar 2025 13:35

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY030425

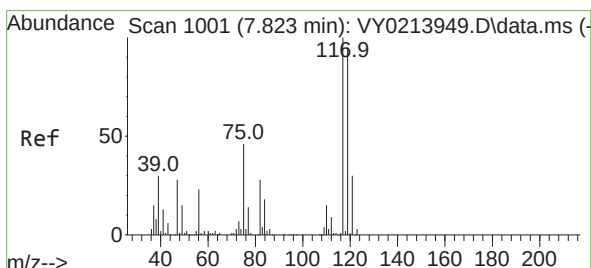
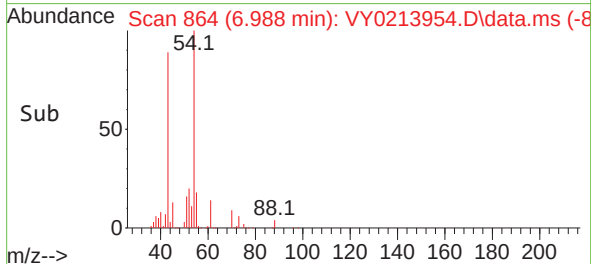
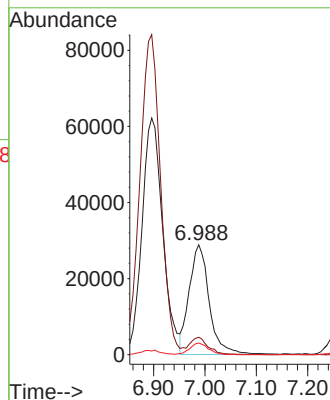
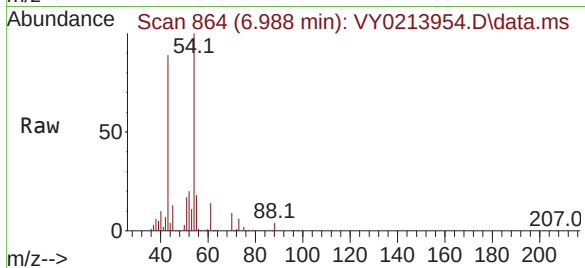
Tgt Ion: 43 Resp: 78239

Ion Ratio Lower Upper

43 100

61 13.0 11.4 17.0

70 9.9 8.2 12.2



#38

Carbon Tetrachloride

Concen: 48.466 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VY0213954.D

Acq: 04 Mar 2025 13:35

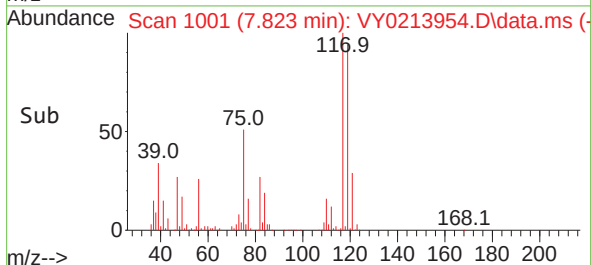
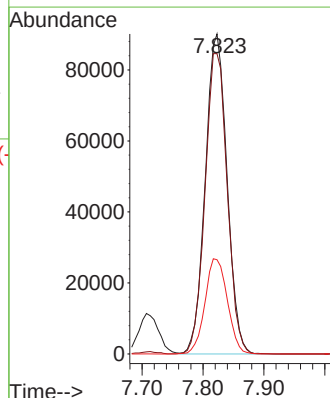
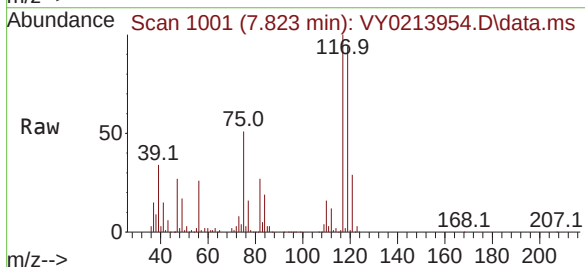
Tgt Ion: 117 Resp: 223568

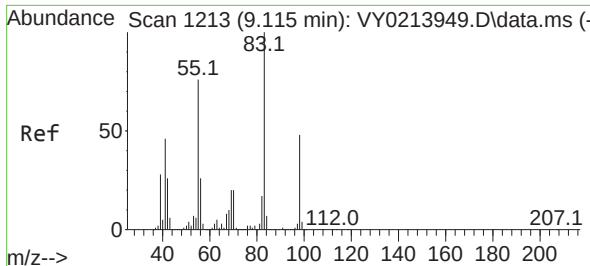
Ion Ratio Lower Upper

117 100

119 93.8 75.8 113.8

121 29.4 23.9 35.9

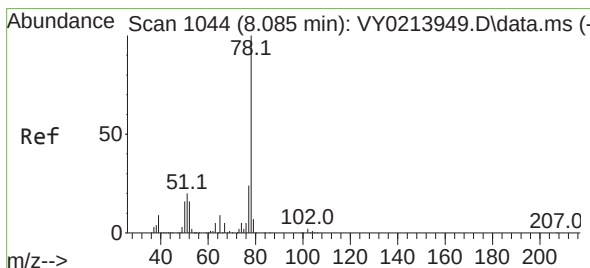
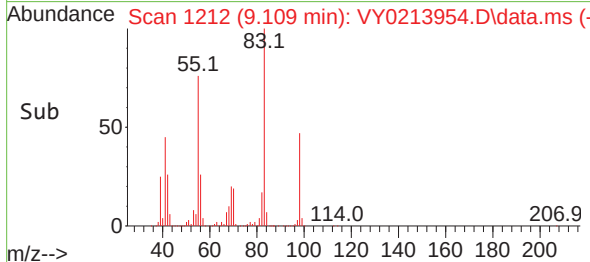
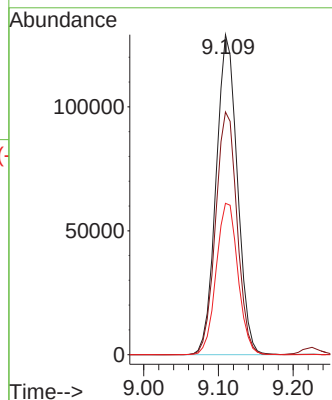
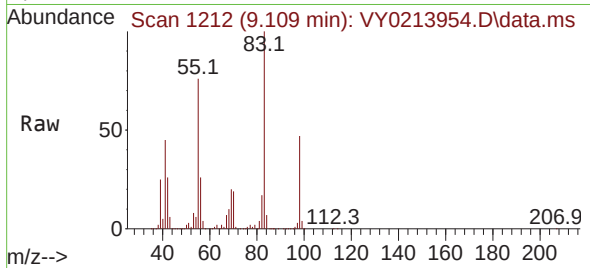




#39
Methylcyclohexane
Concen: 51.895 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

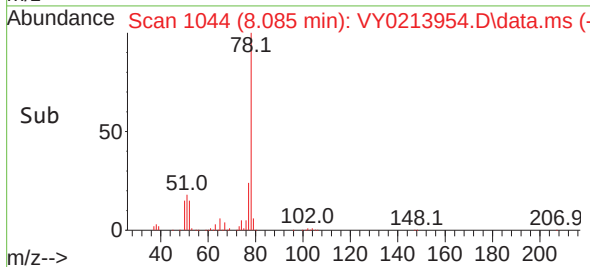
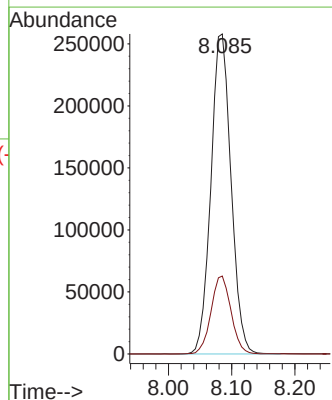
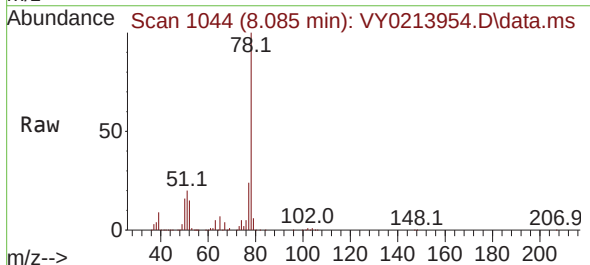
Instrument :
MSVOA_Y
ClientSampleId :
ICVY030425

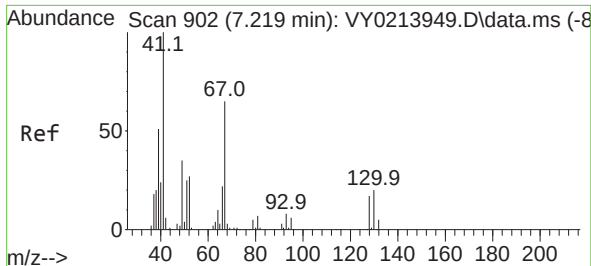
Tgt Ion: 83 Resp: 255320
Ion Ratio Lower Upper
83 100
55 75.8 60.7 91.1
98 47.3 38.6 57.8



#40
Benzene
Concen: 48.269 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

Tgt Ion: 78 Resp: 570324
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.4

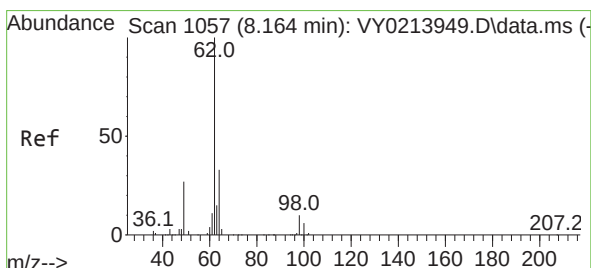
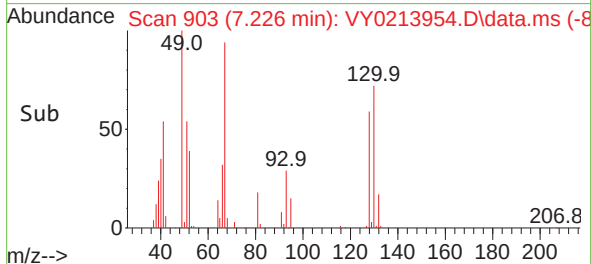
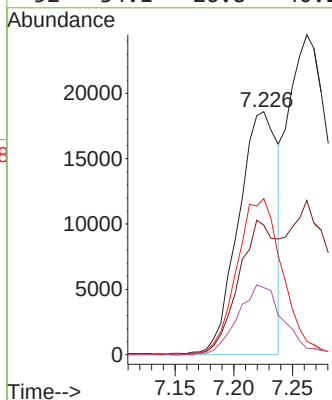
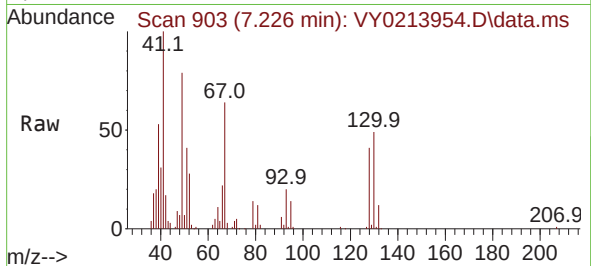




#41
Methacrylonitrile
Concen: 44.672 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

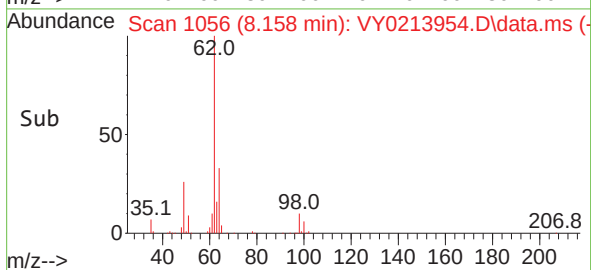
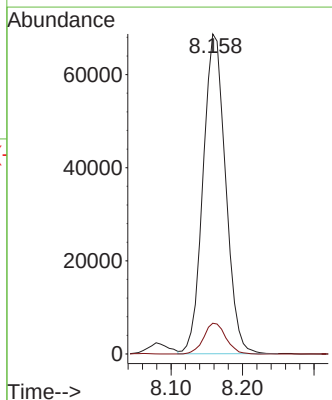
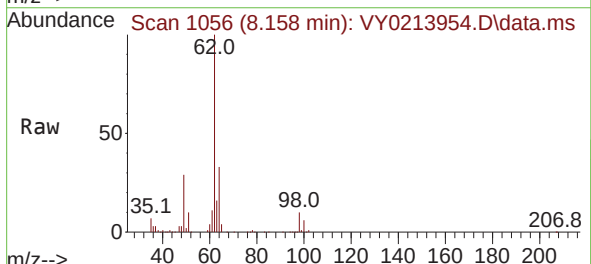
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425

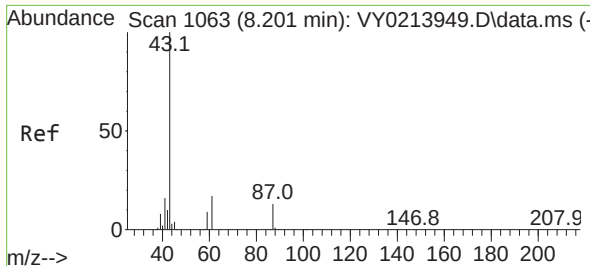
Tgt Ion:	41	Resp:	43121
Ion	Ratio	Lower	Upper
41	100		
39	54.3	35.0	52.6#
67	75.1	61.2	91.8
52	34.1	26.8	40.2



#42
1,2-Dichloroethane
Concen: 45.442 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

Tgt Ion:	62	Resp:	150203
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.2

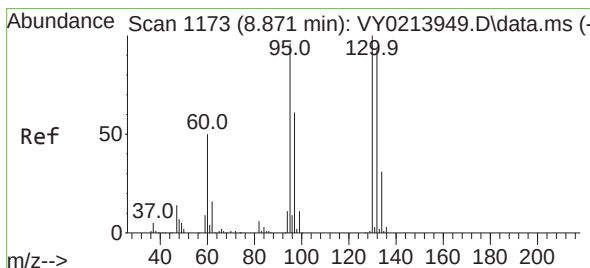
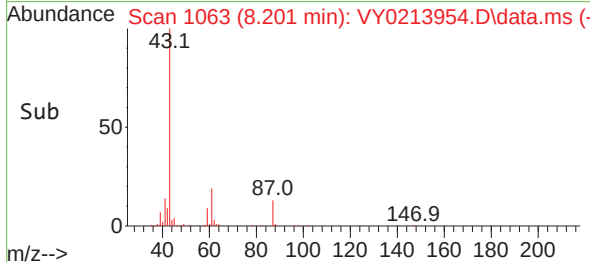
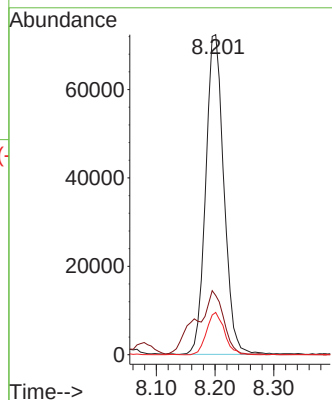
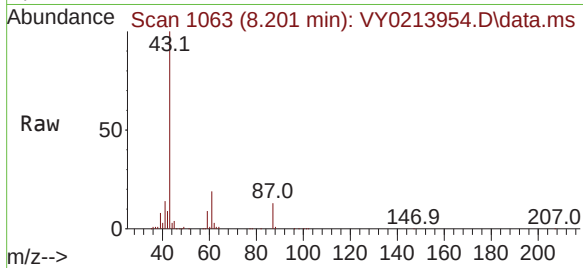




#43
Isopropyl Acetate
Concen: 45.055 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

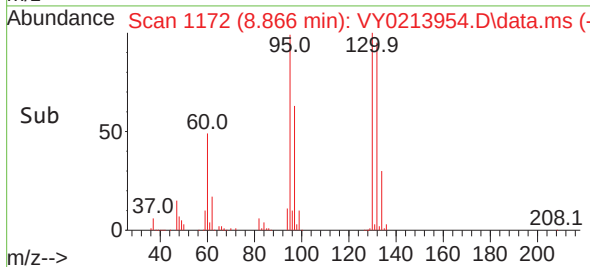
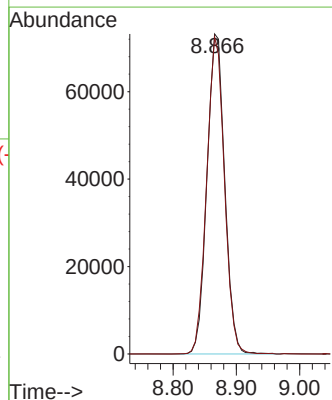
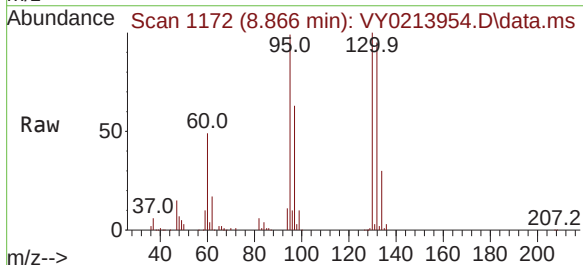
Instrument :
MSVOA_Y
ClientSampleId :
ICVY030425

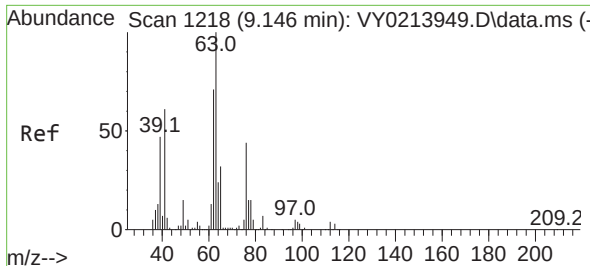
Tgt Ion: 43 Resp: 155053
Ion Ratio Lower Upper
43 100
61 29.7 23.4 35.0
87 13.1 10.5 15.7



#44
Trichloroethene
Concen: 47.960 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

Tgt Ion:130 Resp: 143197
Ion Ratio Lower Upper
130 100
95 99.0 0.0 191.6





#45

1,2-Dichloropropane

Concen: 46.793 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY0213954.D

Acq: 04 Mar 2025 13:35

Instrument :

MSVOA_Y

ClientSampleId :

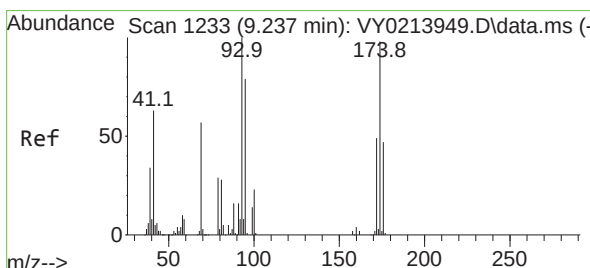
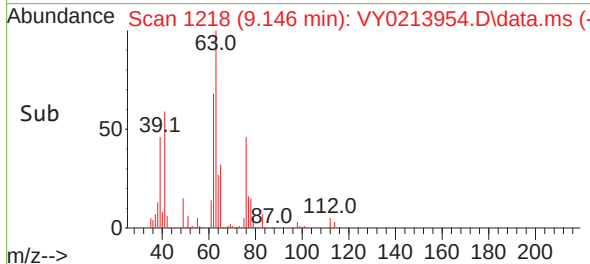
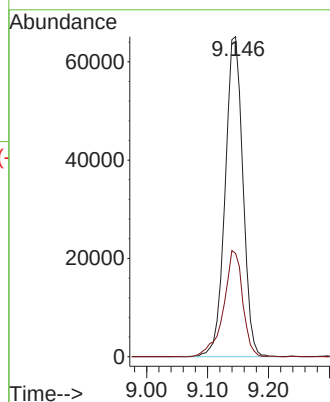
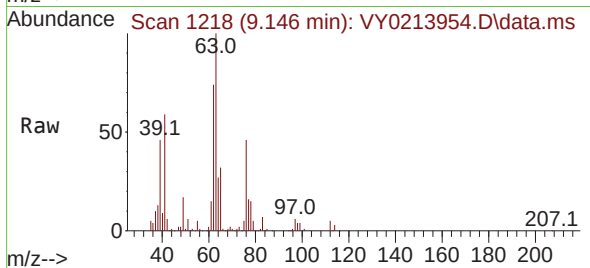
ICVVY030425

Tgt Ion: 63 Resp: 131586

Ion Ratio Lower Upper

63 100

65 32.3 26.0 39.0



#46

Dibromomethane

Concen: 46.395 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY0213954.D

Acq: 04 Mar 2025 13:35

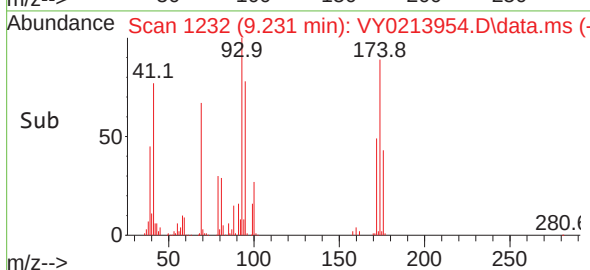
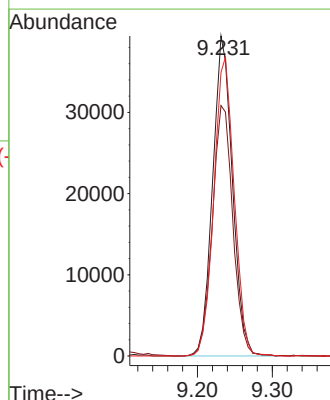
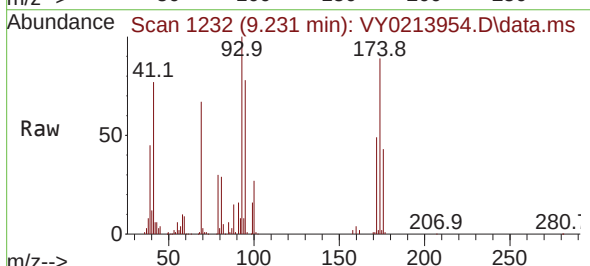
Tgt Ion: 93 Resp: 72593

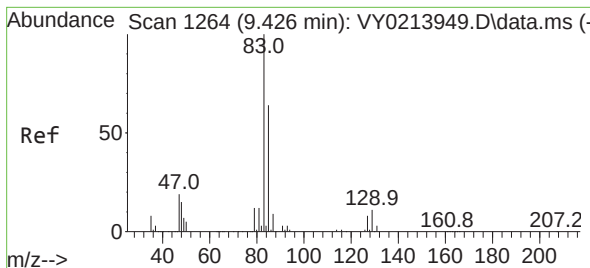
Ion Ratio Lower Upper

93 100

95 80.7 65.8 98.8

174 95.7 77.9 116.9





#47

Bromodichloromethane

Concen: 47.147 ug/l

RT: 9.426 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY0213954.D

Acq: 04 Mar 2025 13:35

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY030425

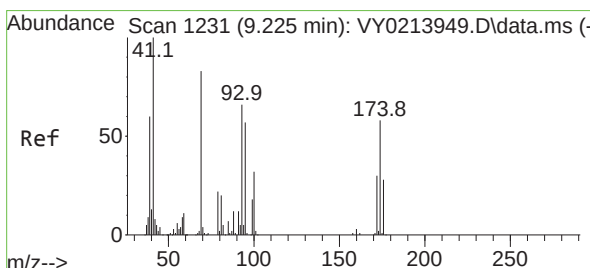
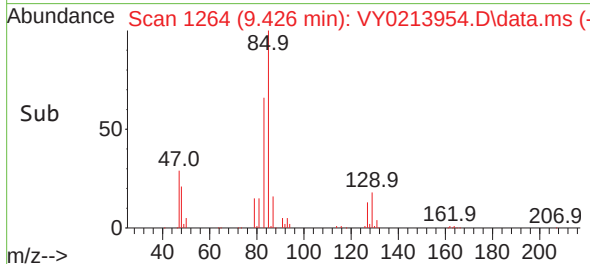
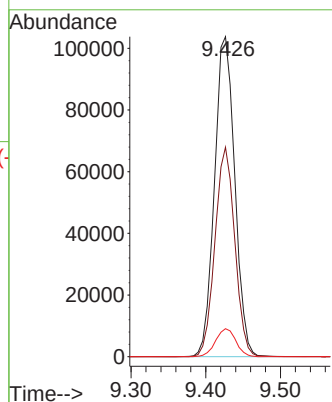
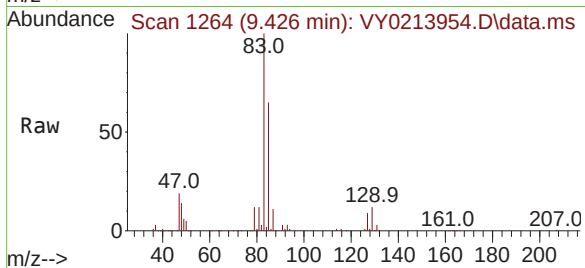
Tgt Ion: 83 Resp: 195906

Ion Ratio Lower Upper

83 100

85 65.4 51.1 76.7

127 8.8 6.7 10.1



#48

Methyl methacrylate

Concen: 47.151 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.006 min

Lab File: VY0213954.D

Acq: 04 Mar 2025 13:35

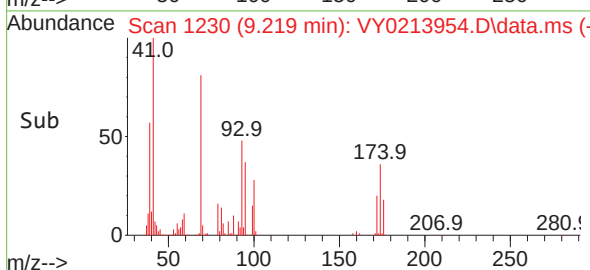
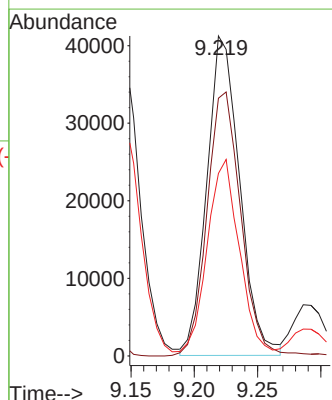
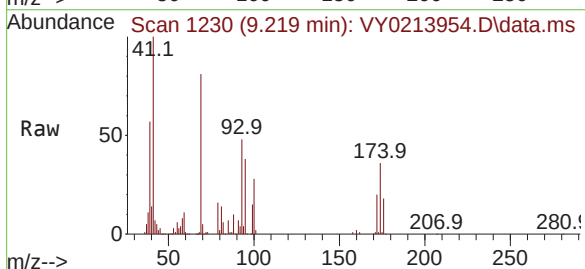
Tgt Ion: 41 Resp: 74512

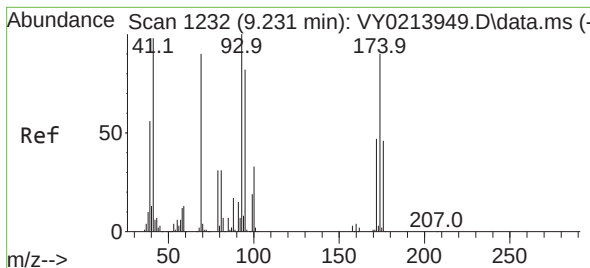
Ion Ratio Lower Upper

41 100

69 85.5 67.8 101.8

39 58.1 46.4 69.6





#49

1,4-Dioxane

Concen: 902.348 ug/l

RT: 9.237 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY0213954.D

Acq: 04 Mar 2025 13:35

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY030425

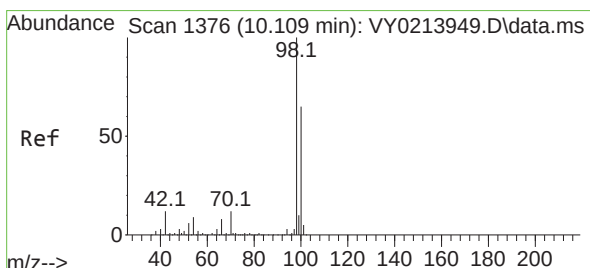
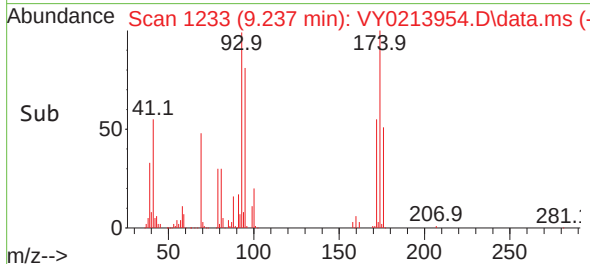
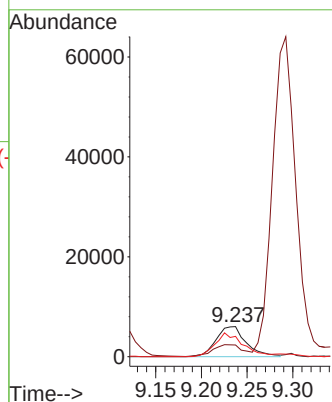
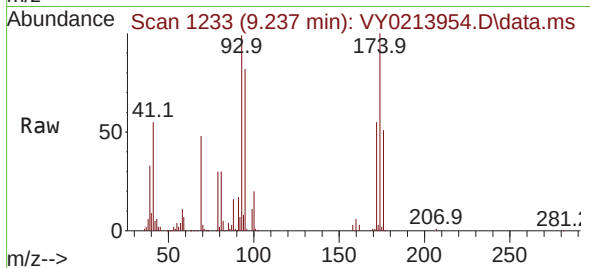
Tgt Ion: 88 Resp: 13858

Ion Ratio Lower Upper

88 100

43 40.8 25.0 37.4#

58 74.7 58.4 87.6



#50

Toluene-d8

Concen: 43.756 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY0213954.D

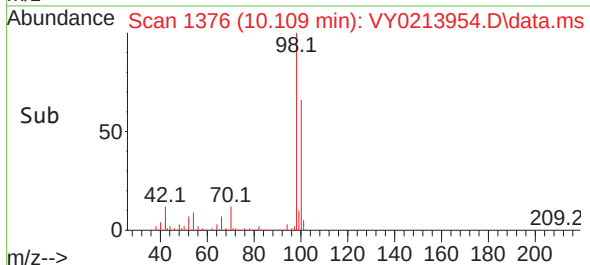
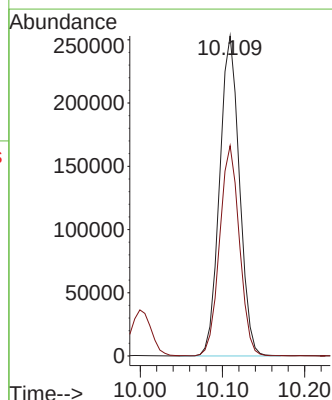
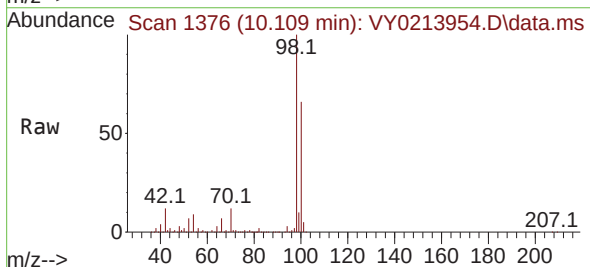
Acq: 04 Mar 2025 13:35

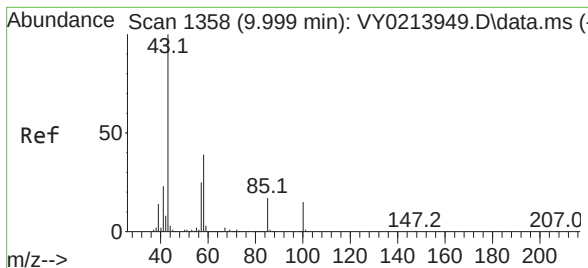
Tgt Ion: 98 Resp: 424526

Ion Ratio Lower Upper

98 100

100 65.5 52.1 78.1

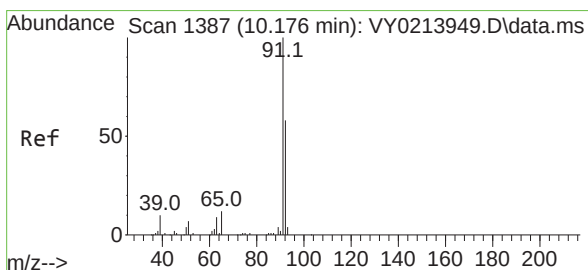
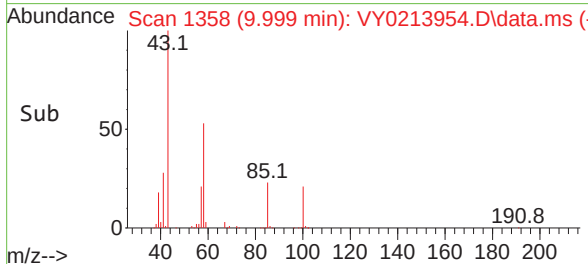
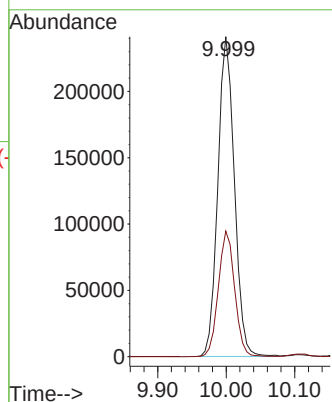
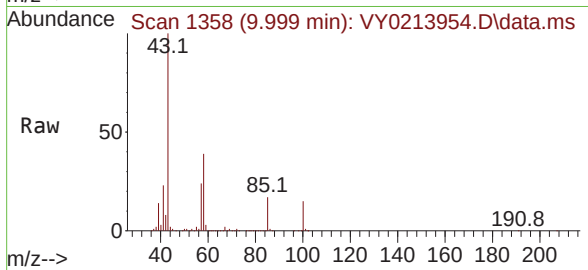




#51
4-Methyl-2-Pentanone
Concen: 227.032 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

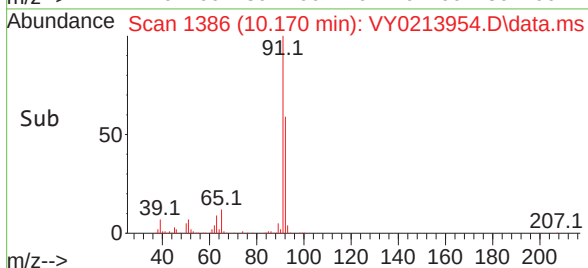
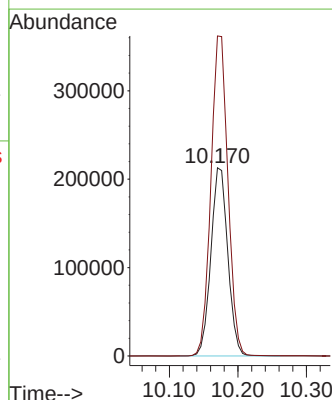
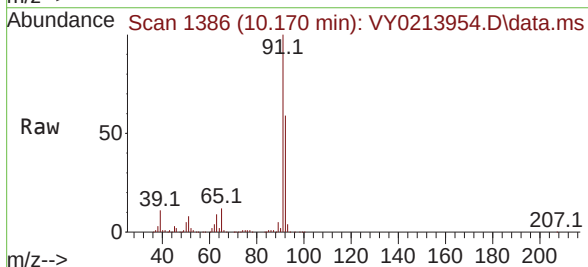
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425

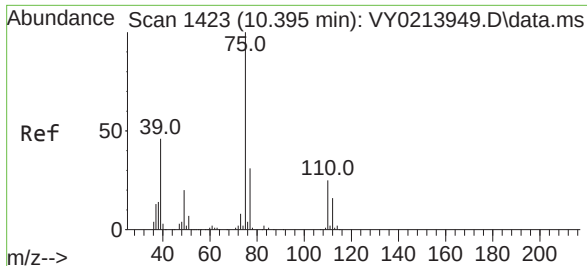
Tgt Ion: 43 Resp: 403135
Ion Ratio Lower Upper
43 100
58 38.8 31.4 47.2



#52
Toluene
Concen: 49.074 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

Tgt Ion: 92 Resp: 365560
Ion Ratio Lower Upper
92 100
91 171.1 138.2 207.2





#53

t-1,3-Dichloropropene

Concen: 48.043 ug/l

RT: 10.396 min Scan# 1423

Delta R.T. 0.000 min

Lab File: VY0213954.D

Acq: 04 Mar 2025 13:35

Instrument :

MSVOA_Y

ClientSampleId :

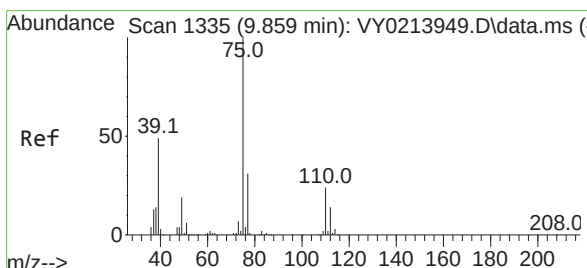
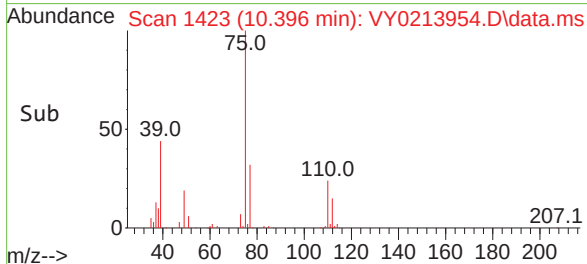
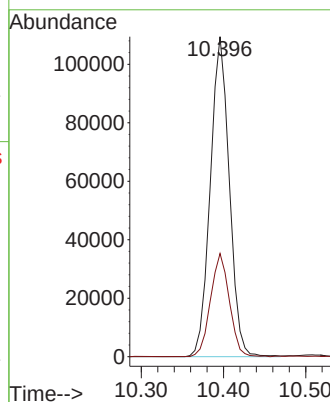
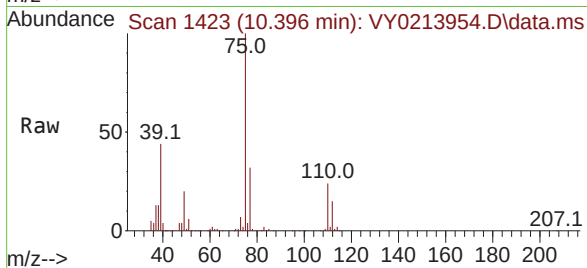
ICVVY030425

Tgt Ion: 75 Resp: 175877

Ion Ratio Lower Upper

75 100

77 32.2 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 47.986 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. 0.000 min

Lab File: VY0213954.D

Acq: 04 Mar 2025 13:35

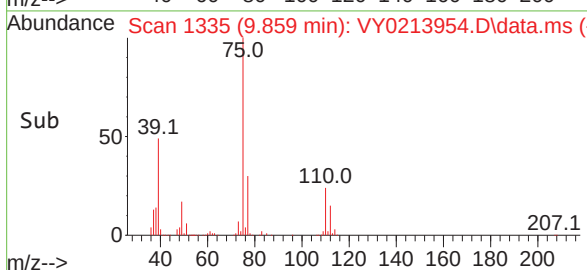
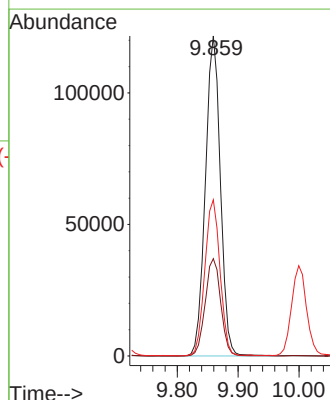
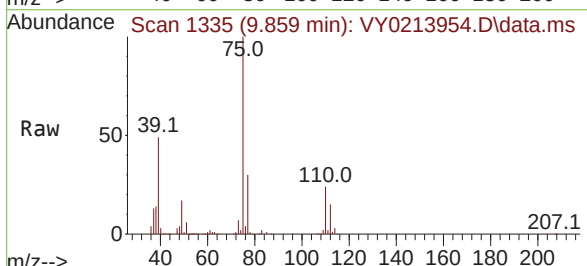
Tgt Ion: 75 Resp: 208566

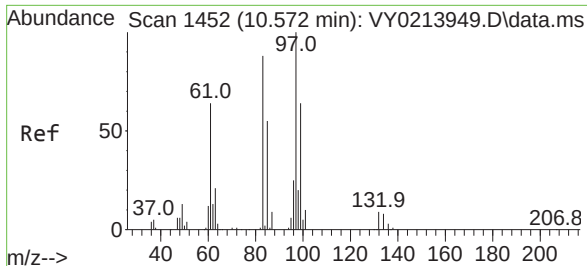
Ion Ratio Lower Upper

75 100

77 30.4 24.6 37.0

39 48.7 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 45.928 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY0213954.D

Acq: 04 Mar 2025 13:35

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY030425

Tgt Ion: 97 Resp: 94002

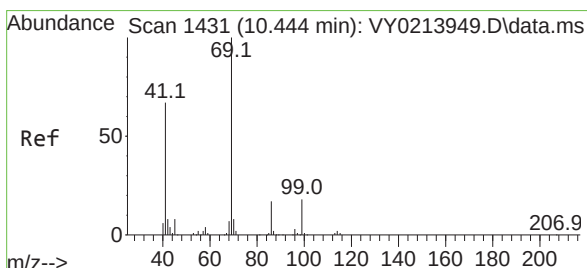
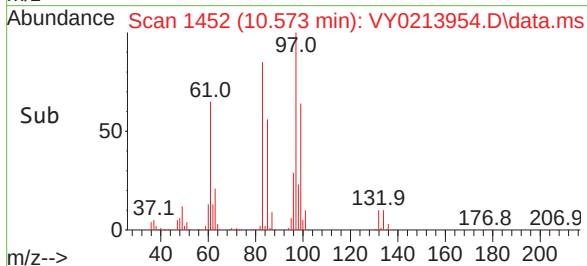
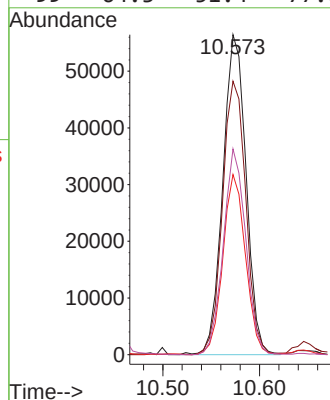
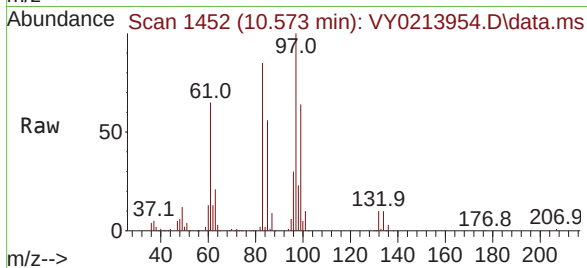
Ion Ratio Lower Upper

97 100

83 85.3 70.0 105.0

85 56.1 44.3 66.5

99 64.3 51.4 77.0



#56

Ethyl methacrylate

Concen: 48.463 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY0213954.D

Acq: 04 Mar 2025 13:35

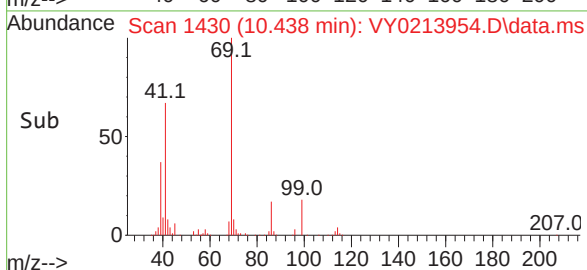
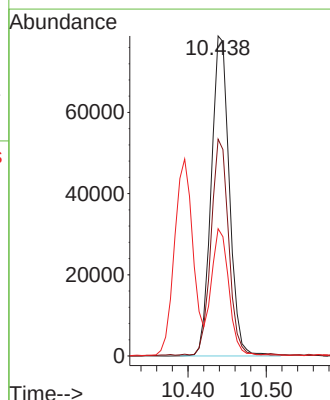
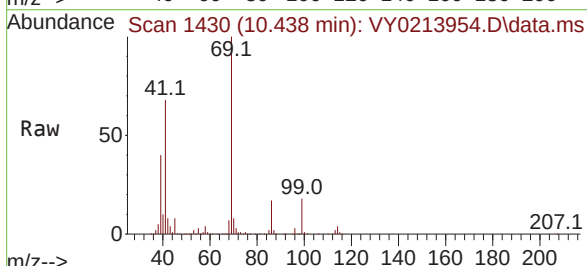
Tgt Ion: 69 Resp: 126505

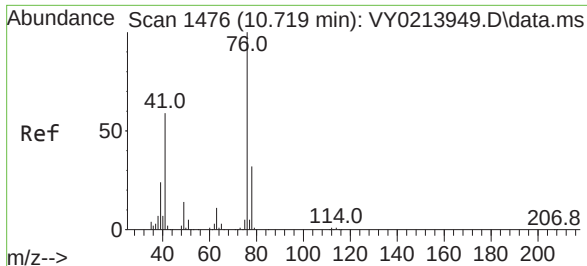
Ion Ratio Lower Upper

69 100

41 65.4 53.3 79.9

39 37.5 31.0 46.6





#57

1,3-Dichloropropane

Concen: 46.639 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY0213954.D

Acq: 04 Mar 2025 13:35

Instrument :

MSVOA_Y

ClientSampleId :

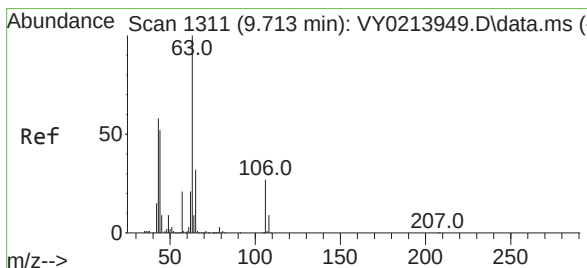
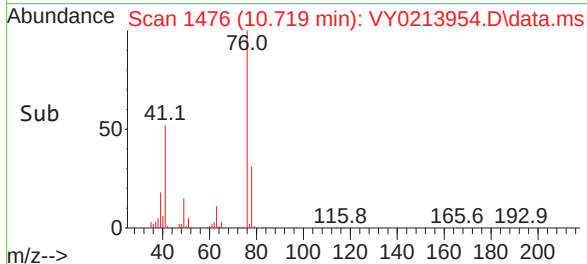
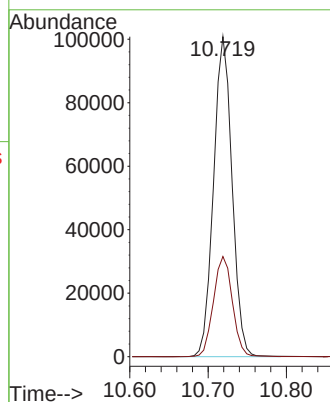
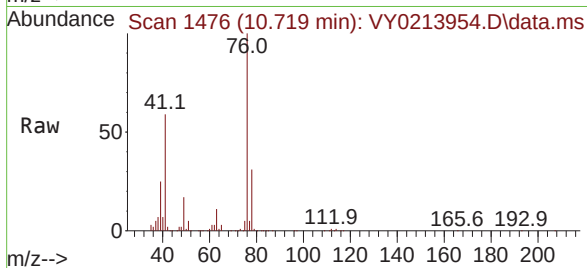
ICVVY030425

Tgt Ion: 76 Resp: 165444

Ion Ratio Lower Upper

76 100

78 32.1 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 255.644 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY0213954.D

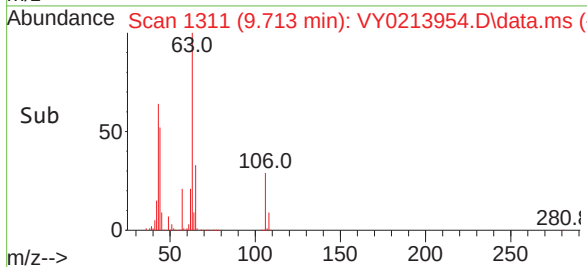
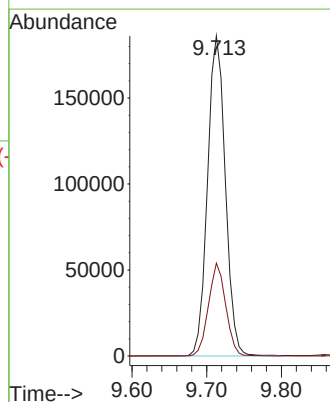
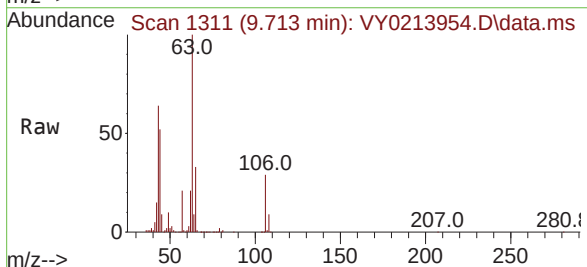
Acq: 04 Mar 2025 13:35

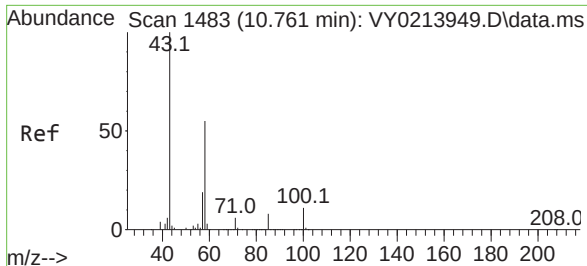
Tgt Ion: 63 Resp: 308048

Ion Ratio Lower Upper

63 100

106 28.1 22.1 33.1

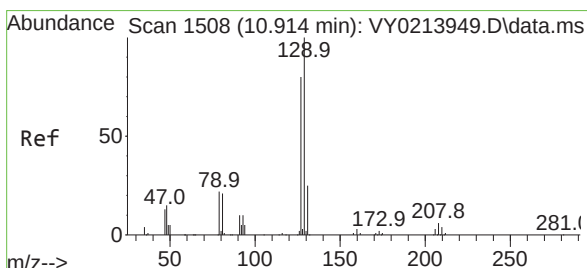
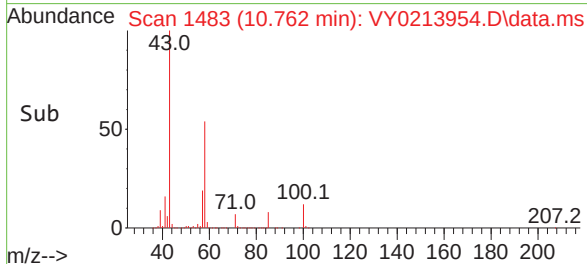
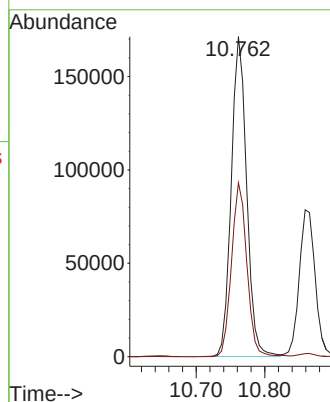
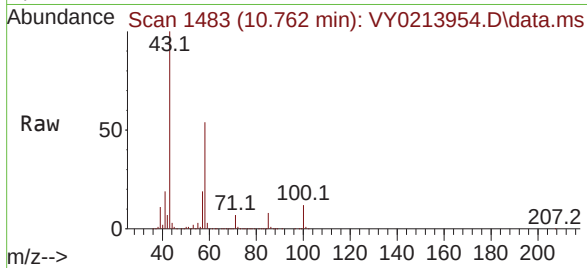




#59
2-Hexanone
Concen: 227.512 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

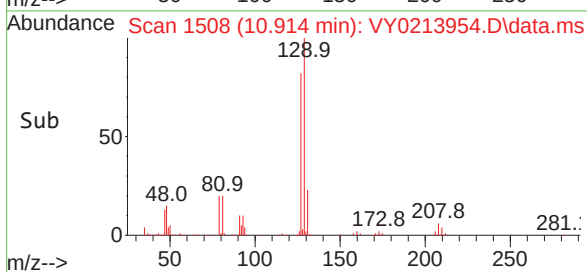
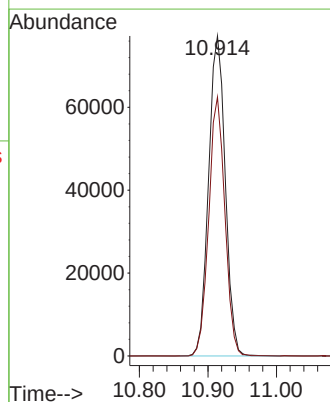
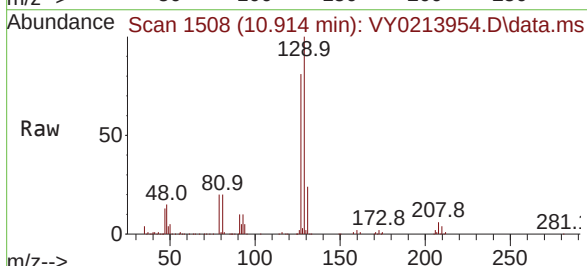
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425

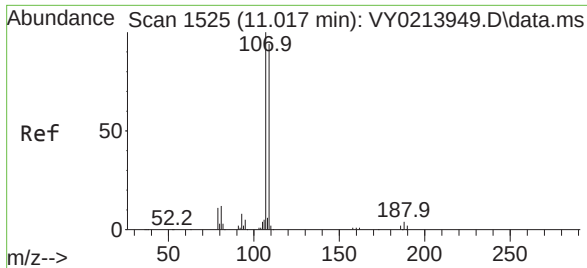
Tgt Ion: 43 Resp: 267126
Ion Ratio Lower Upper
43 100
58 54.3 27.3 81.8



#60
Dibromochloromethane
Concen: 46.650 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

Tgt Ion: 129 Resp: 130898
Ion Ratio Lower Upper
129 100
127 78.4 39.1 117.3

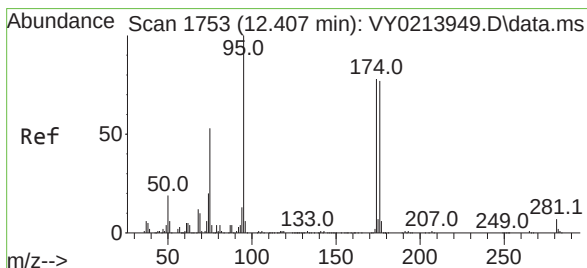
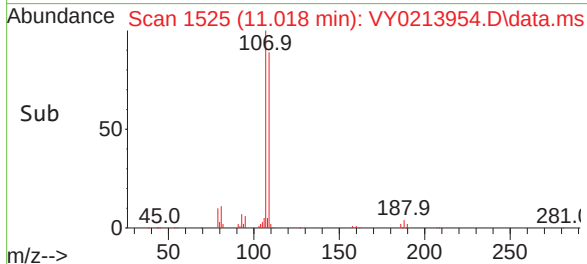
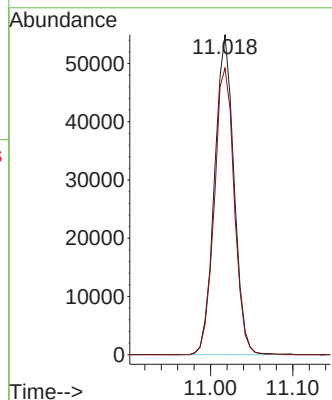
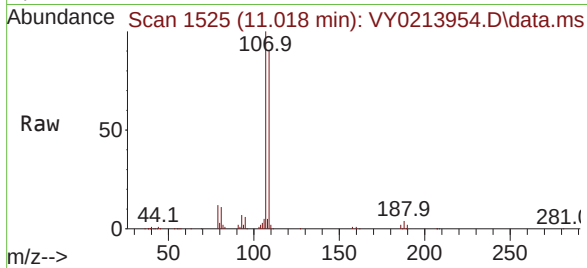




#61
1,2-Dibromoethane
Concen: 46.650 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

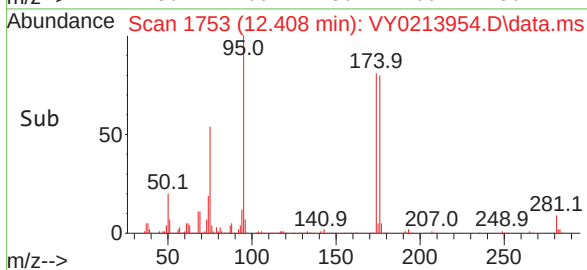
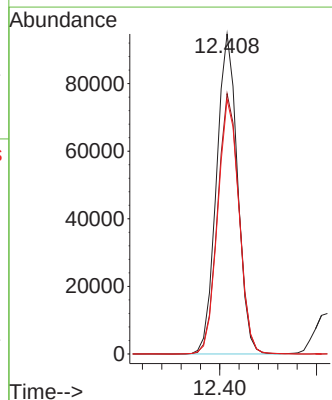
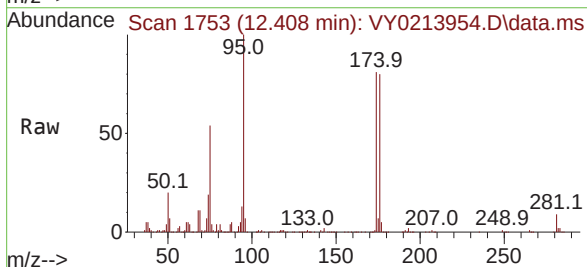
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425

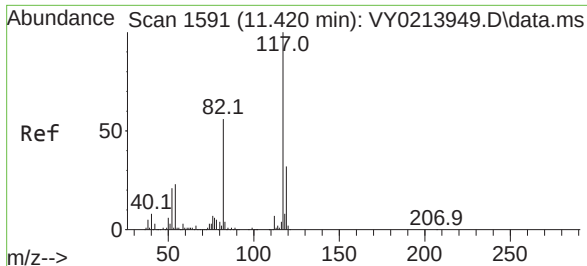
Tgt Ion:107 Resp: 90113
Ion Ratio Lower Upper
107 100
109 92.0 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 43.221 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

Tgt Ion: 95 Resp: 142640
Ion Ratio Lower Upper
95 100
174 82.7 0.0 165.0
176 80.6 0.0 160.0

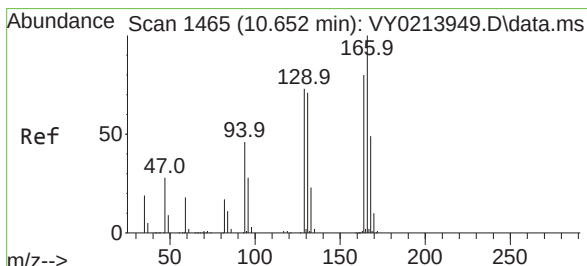
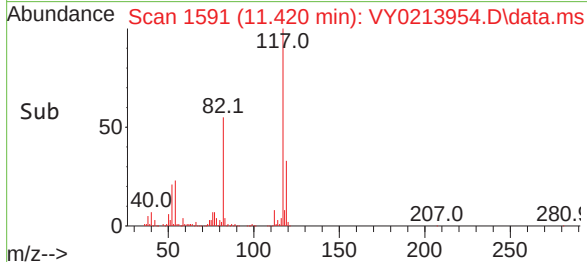
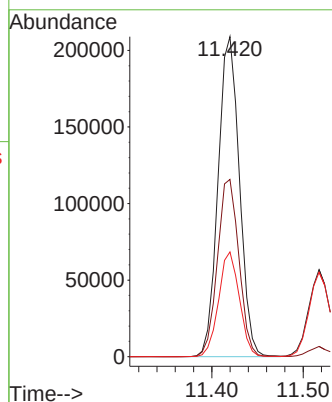
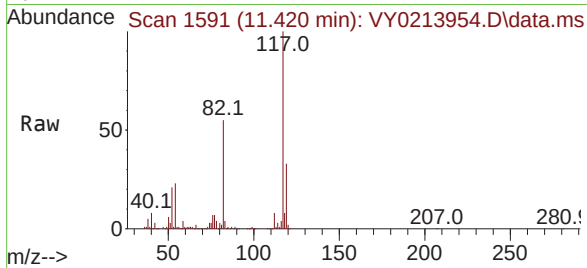




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

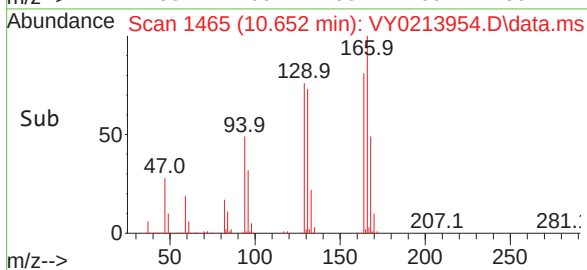
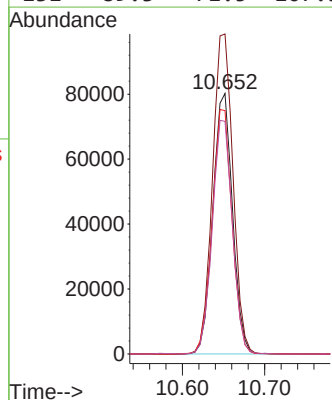
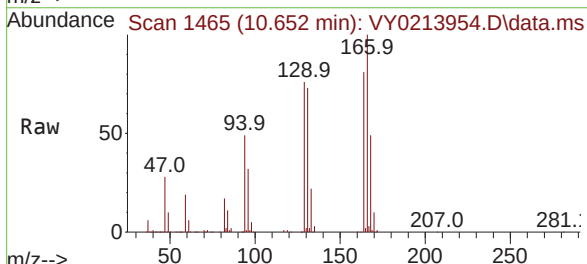
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425

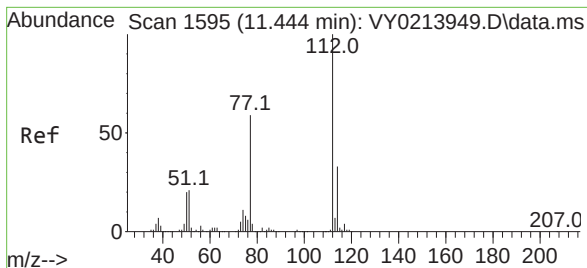
Tgt Ion:117 Resp: 339219
Ion Ratio Lower Upper
117 100
82 55.4 44.6 67.0
119 32.8 25.4 38.0



#64
Tetrachloroethene
Concen: 48.560 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

Tgt Ion:164 Resp: 133949
Ion Ratio Lower Upper
164 100
166 122.9 100.4 150.6
129 93.4 73.8 110.8
131 89.3 71.5 107.3

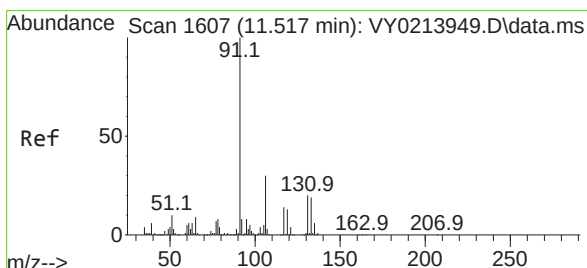
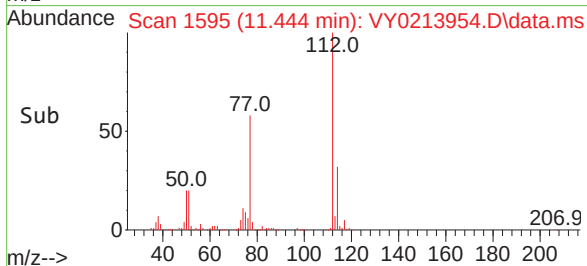
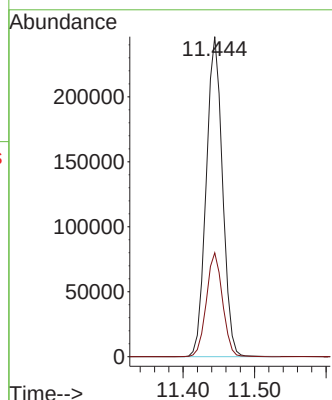
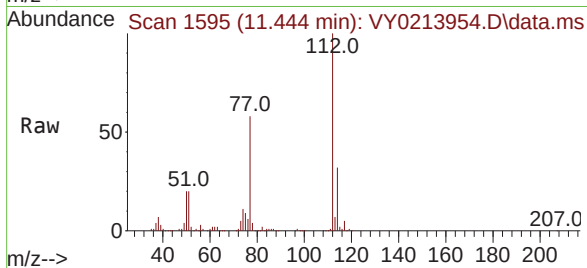




#65
Chlorobenzene
Concen: 48.588 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

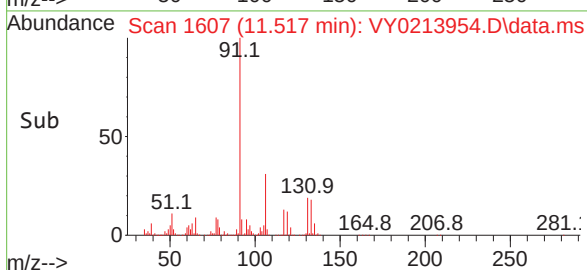
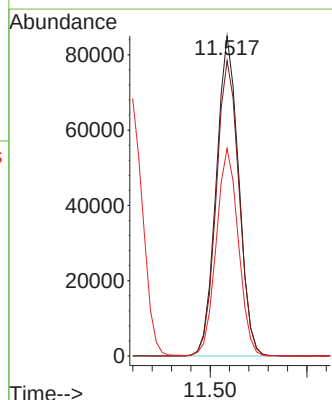
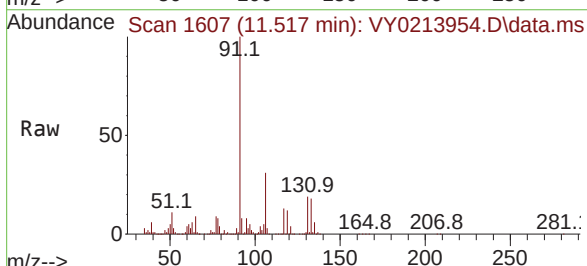
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425

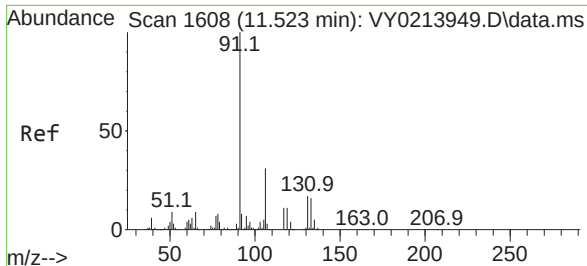
Tgt Ion:112 Resp: 389215
Ion Ratio Lower Upper
112 100
114 32.4 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 48.170 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

Tgt Ion:131 Resp: 136423
Ion Ratio Lower Upper
131 100
133 94.2 47.6 142.9
119 64.1 32.3 96.9





#67

Ethyl Benzene

Concen: 50.606 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY0213954.D

Acq: 04 Mar 2025 13:35

Instrument :

MSVOA_Y

ClientSampleId :

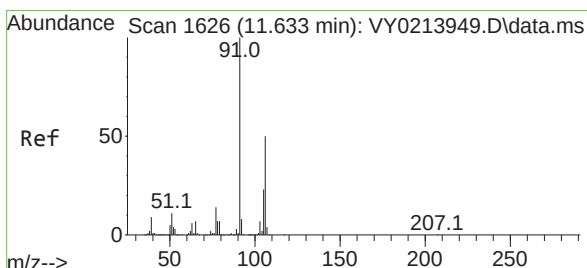
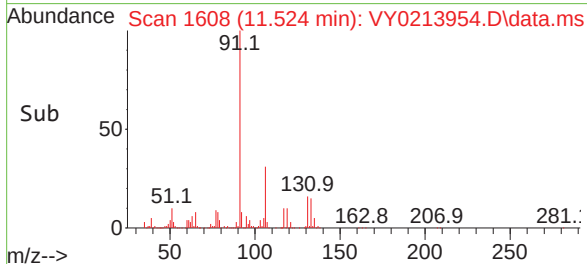
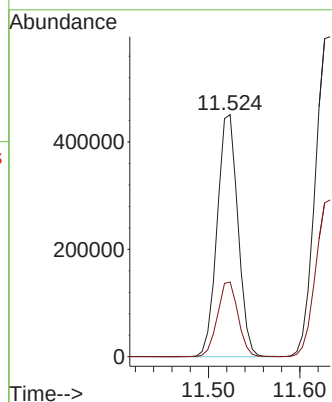
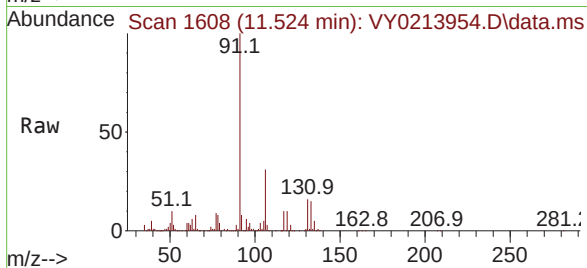
ICVVY030425

Tgt Ion: 91 Resp: 711522

Ion Ratio Lower Upper

91 100

106 30.9 24.6 36.8



#68

m/p-Xylenes

Concen: 100.346 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY0213954.D

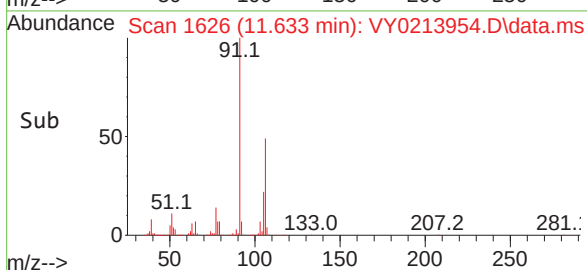
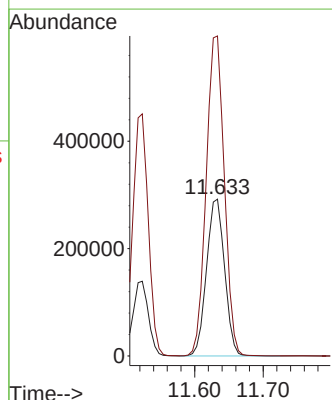
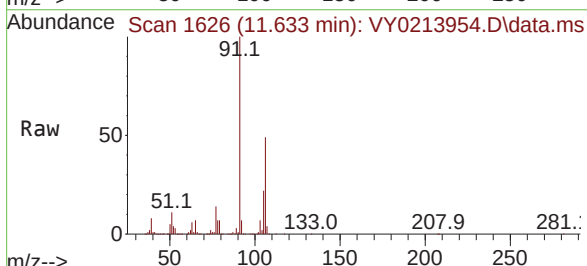
Acq: 04 Mar 2025 13:35

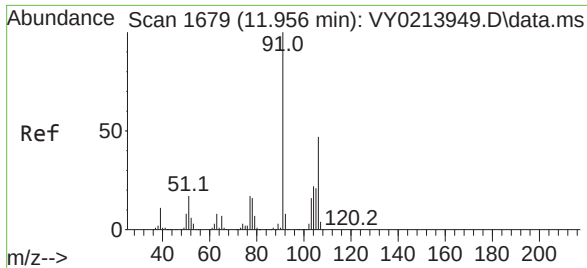
Tgt Ion:106 Resp: 535637

Ion Ratio Lower Upper

106 100

91 204.7 161.7 242.5

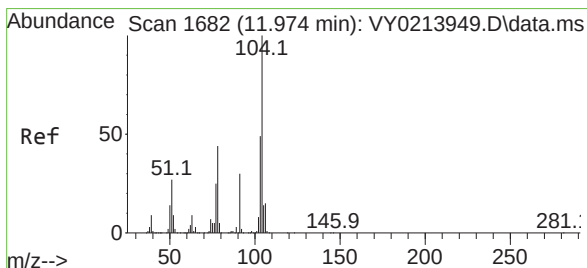
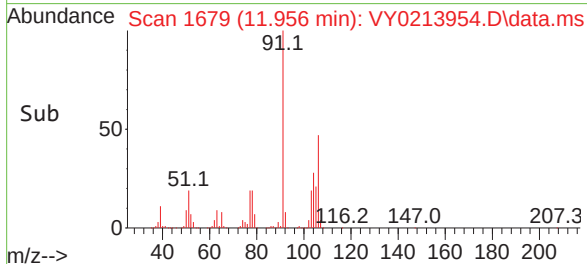
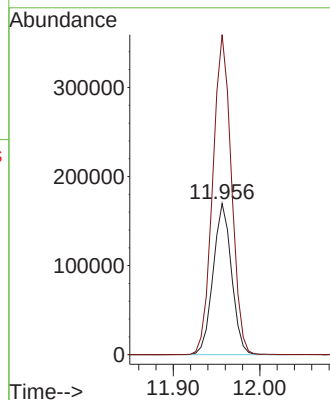
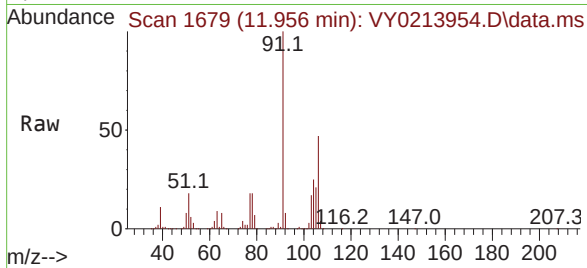




#69
o-Xylene
Concen: 51.052 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

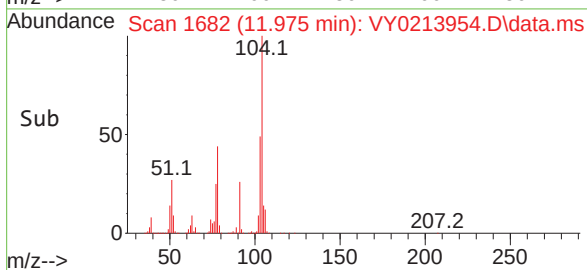
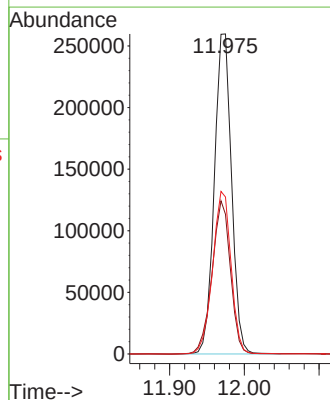
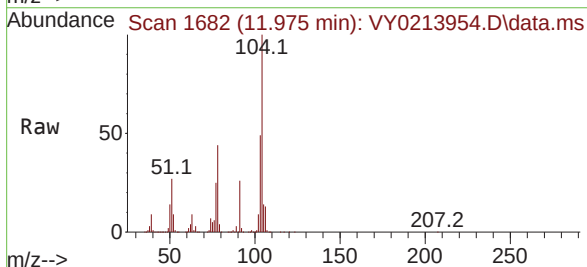
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425

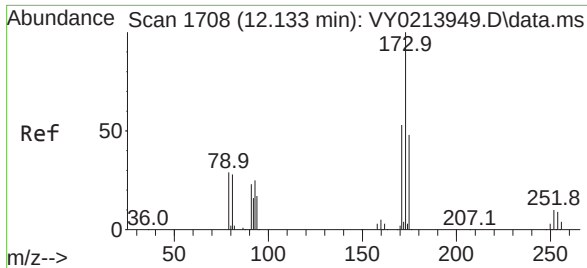
Tgt Ion:106 Resp: 251155
Ion Ratio Lower Upper
106 100
91 214.7 107.6 322.8



#70
Styrene
Concen: 50.832 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

Tgt Ion:104 Resp: 414862
Ion Ratio Lower Upper
104 100
78 51.3 40.7 61.1
103 54.5 44.1 66.1

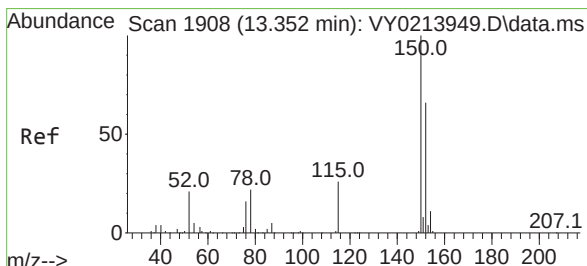
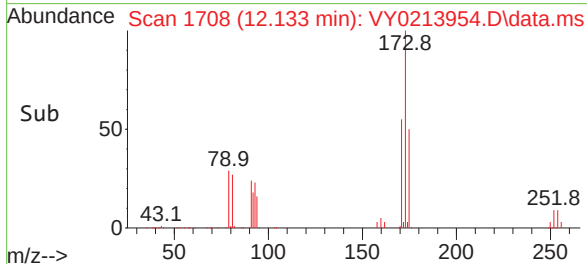
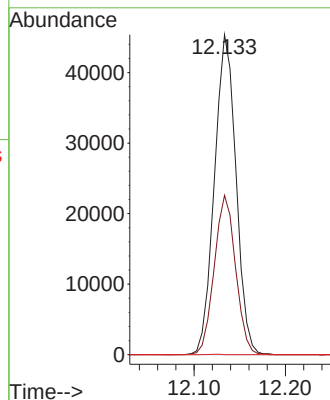
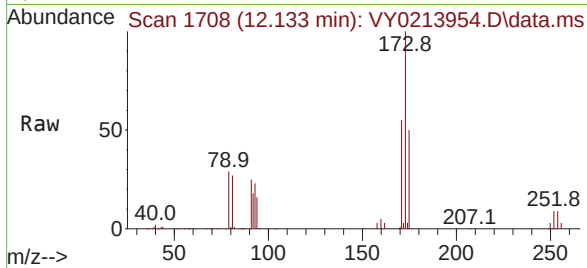




#71
Bromoform
Concen: 47.074 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

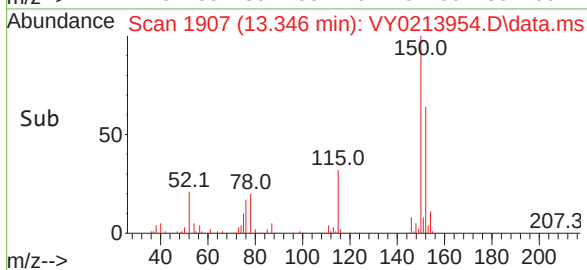
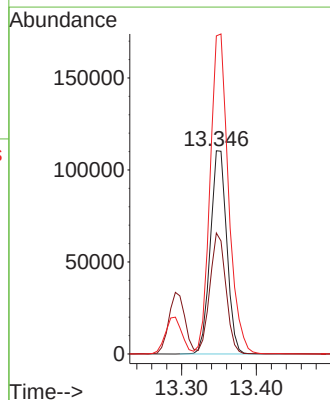
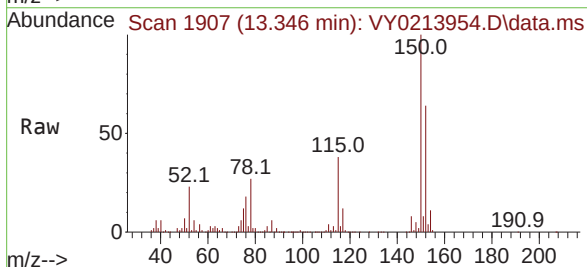
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425

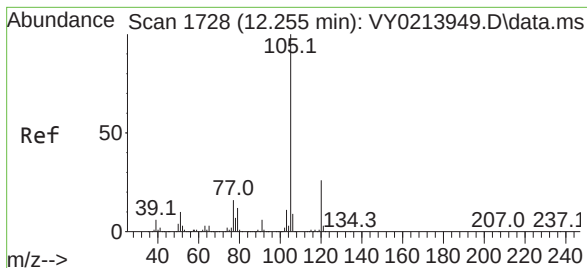
Tgt Ion:173 Resp: 74526
Ion Ratio Lower Upper
173 100
175 49.2 23.9 71.7
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

Tgt Ion:152 Resp: 168875
Ion Ratio Lower Upper
152 100
115 57.7 29.0 87.0
150 175.3 0.0 347.2

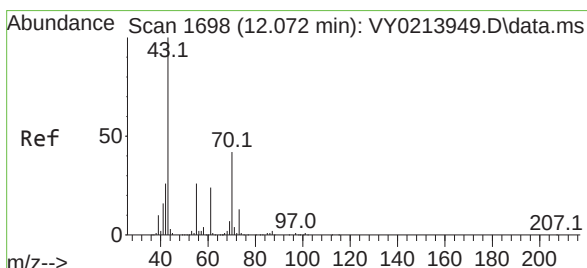
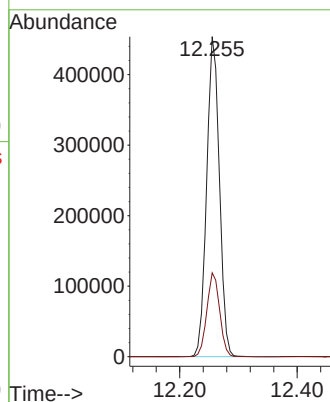
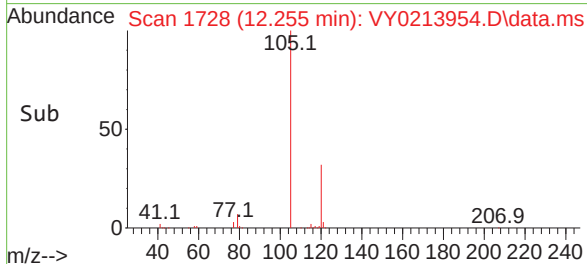
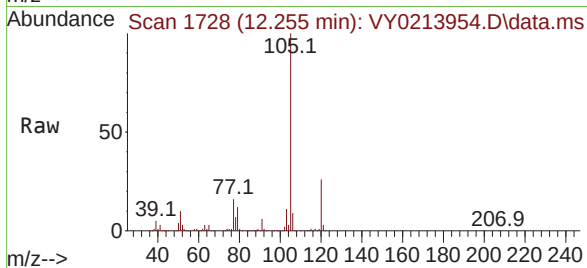




#73
Isopropylbenzene
Concen: 51.291 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

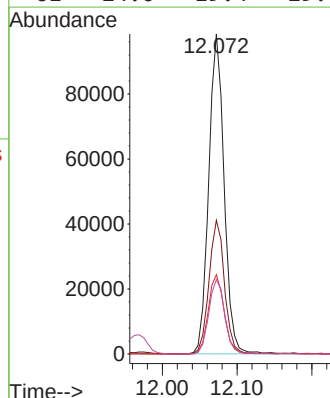
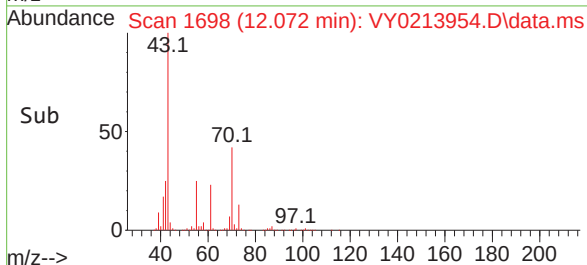
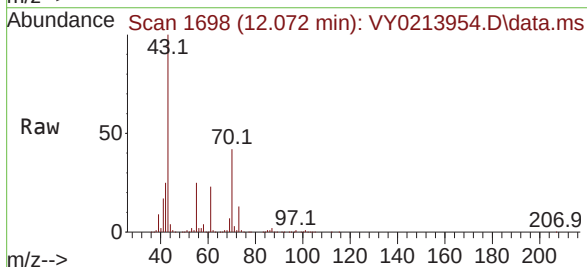
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425

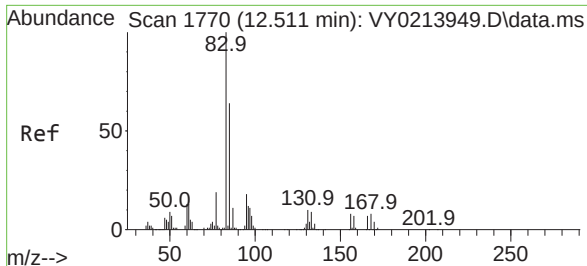
Tgt Ion:105 Resp: 682314
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.3



#74
N-ethyl acetate
Concen: 48.563 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

Tgt Ion: 43 Resp: 140299
Ion Ratio Lower Upper
43 100
70 42.3 34.6 51.8
55 25.9 21.1 31.7
61 24.0 19.4 29.0

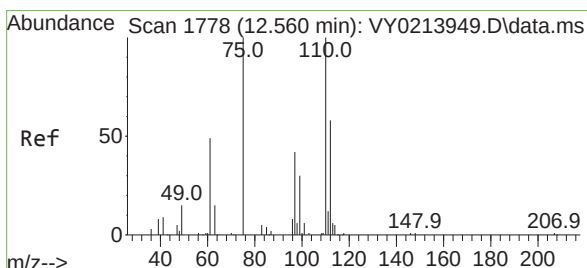
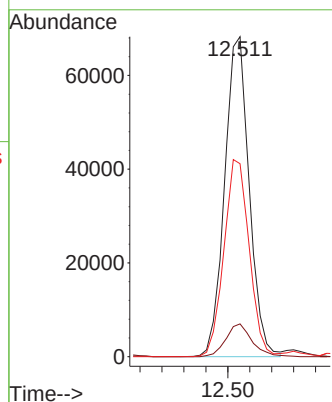
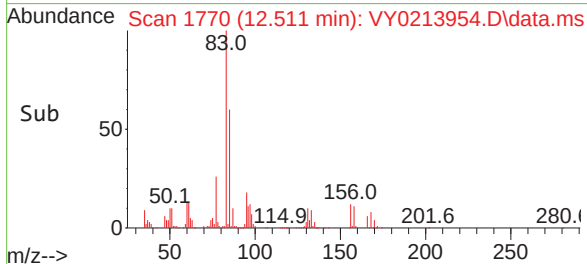
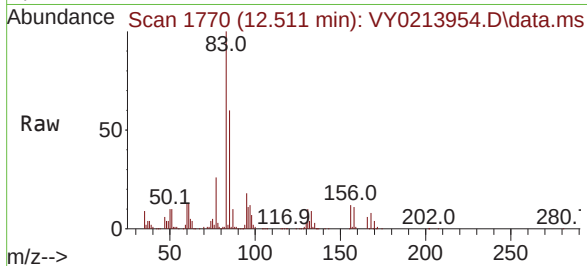




#75
 1,1,2,2-Tetrachloroethane
 Concen: 45.257 ug/l
 RT: 12.511 min Scan# 1770
 Delta R.T. 0.000 min
 Lab File: VY0213954.D
 Acq: 04 Mar 2025 13:35

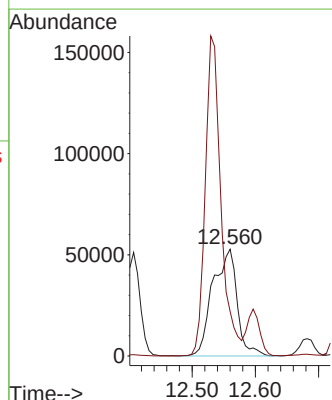
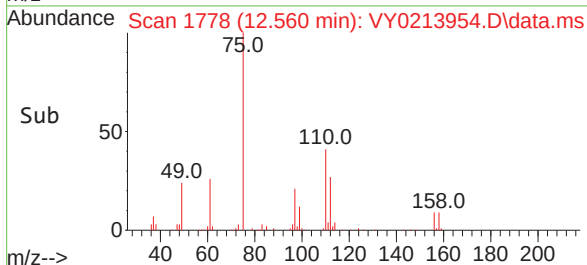
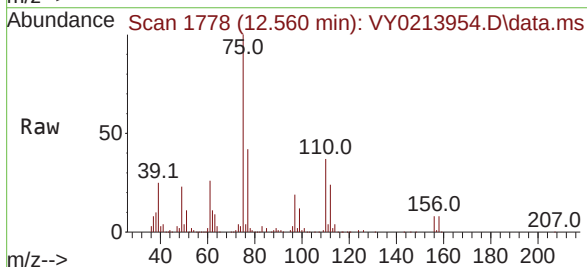
Instrument : MSVOA_Y
 ClientSampleId : ICVVY030425

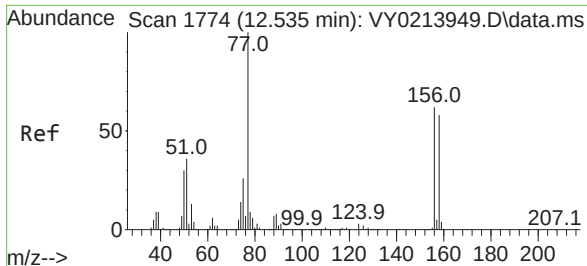
Tgt Ion: 83 Resp: 106240
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.3 16.1
 85 63.5 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 83.160 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.000 min
 Lab File: VY0213954.D
 Acq: 04 Mar 2025 13:35

Tgt Ion: 75 Resp: 141516
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

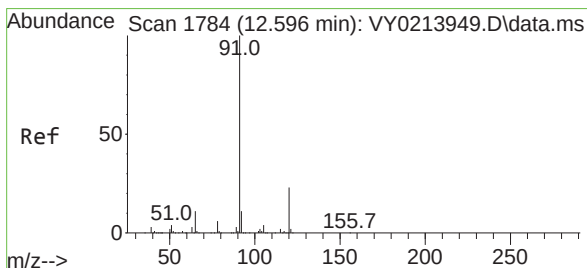
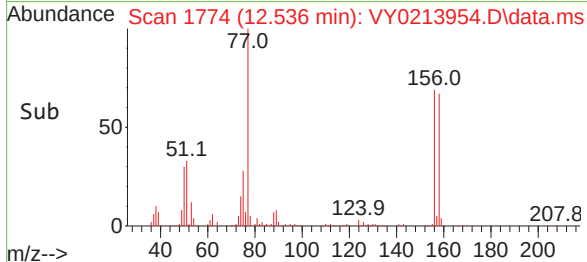
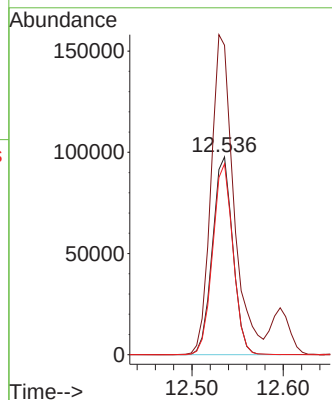
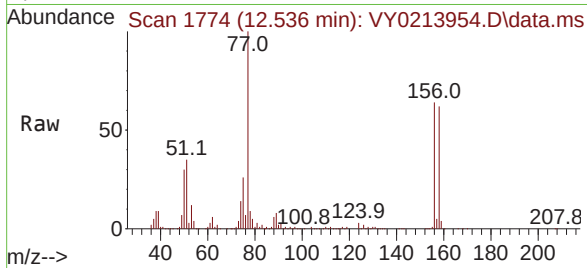




#77
Bromobenzene
Concen: 48.776 ug/l
RT: 12.536 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

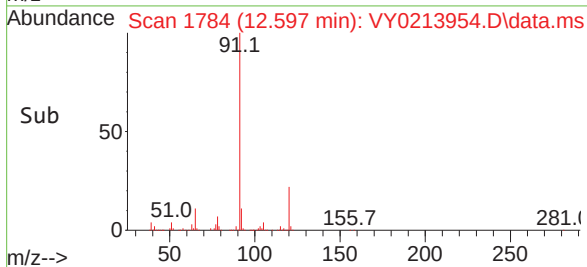
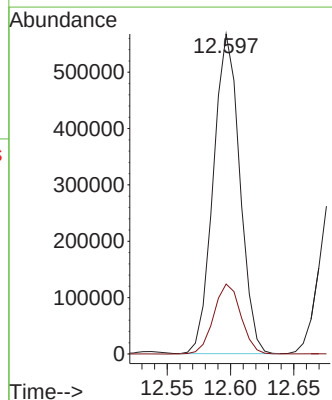
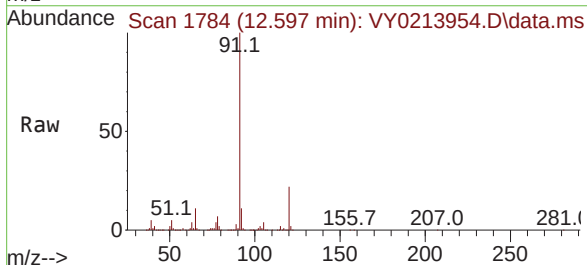
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425

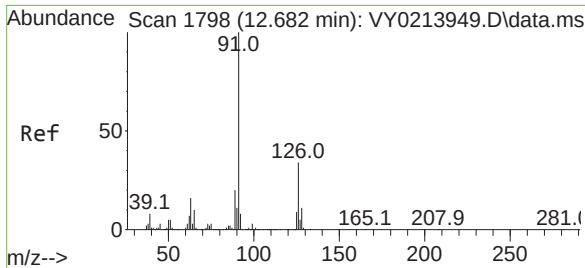
Tgt Ion:156 Resp: 151799
Ion Ratio Lower Upper
156 100
77 180.5 93.6 280.8
158 96.1 48.3 144.8



#78
n-propylbenzene
Concen: 51.175 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

Tgt Ion: 91 Resp: 826767
Ion Ratio Lower Upper
91 100
120 22.4 11.3 33.8

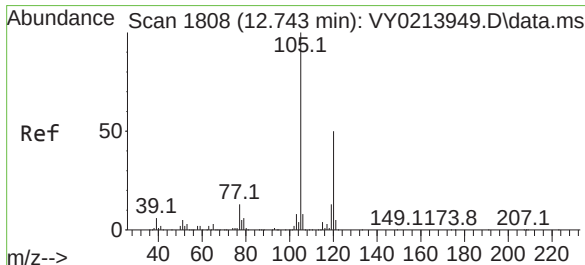
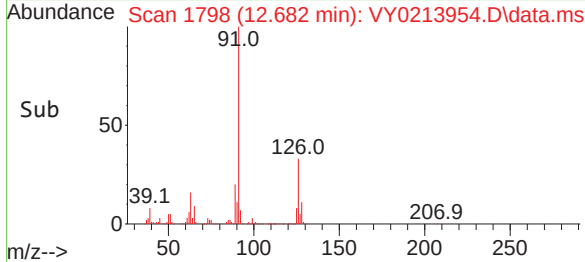
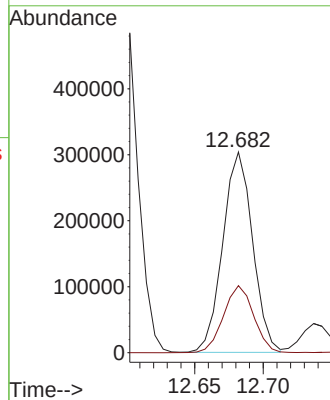
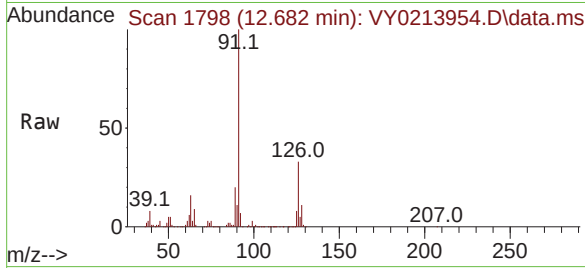




#79
2-Chlorotoluene
Concen: 49.879 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

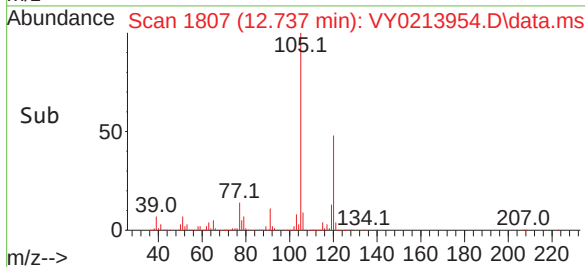
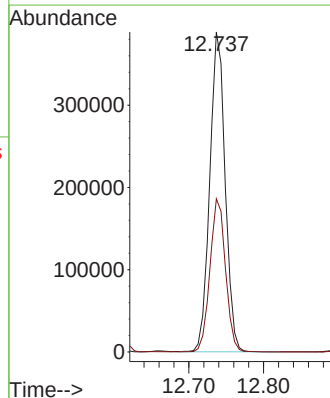
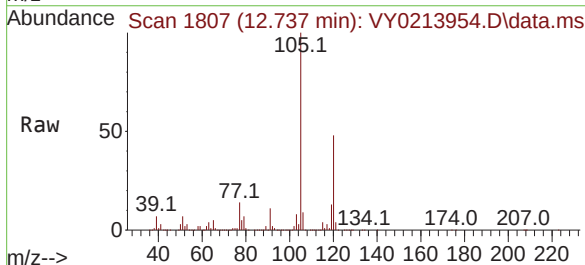
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425

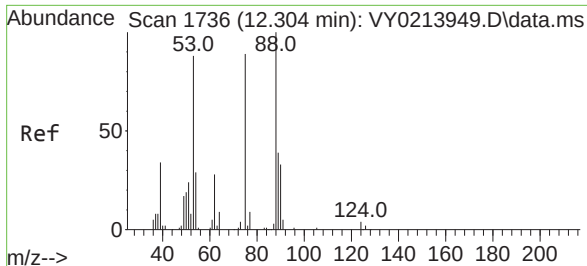
Tgt Ion: 91 Resp: 460771
Ion Ratio Lower Upper
91 100
126 33.7 17.2 51.6



#80
1,3,5-Trimethylbenzene
Concen: 51.299 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

Tgt Ion: 105 Resp: 554575
Ion Ratio Lower Upper
105 100
120 48.4 24.6 73.6

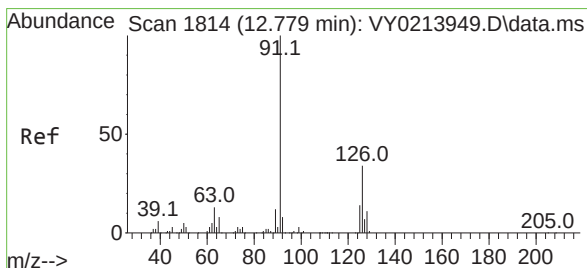
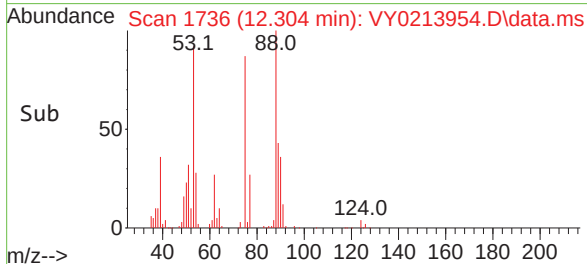
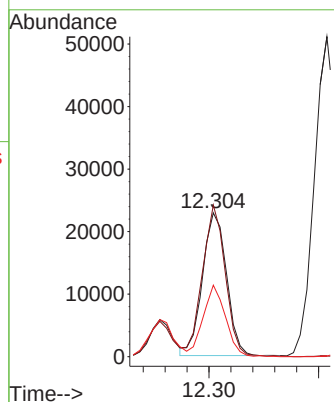
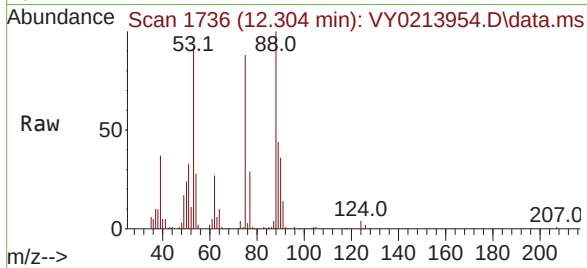




#81
trans-1,4-Dichloro-2-butene
Concen: 46.505 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

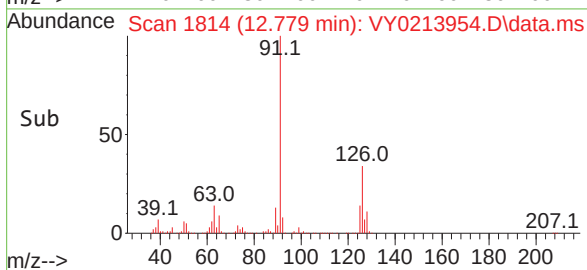
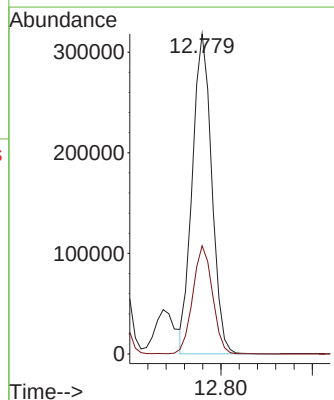
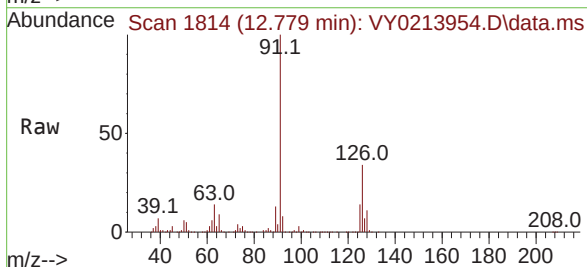
Instrument :
MSVOA_Y
ClientSampleId :
ICVY030425

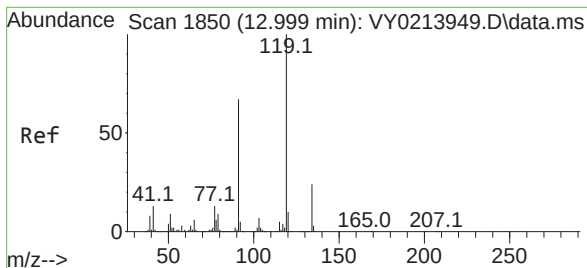
Tgt Ion: 75 Resp: 34812
Ion Ratio Lower Upper
75 100
53 102.2 81.0 121.4
89 46.9 36.9 55.3



#82
4-Chlorotoluene
Concen: 48.877 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

Tgt Ion: 91 Resp: 467554
Ion Ratio Lower Upper
91 100
126 34.6 17.0 51.0

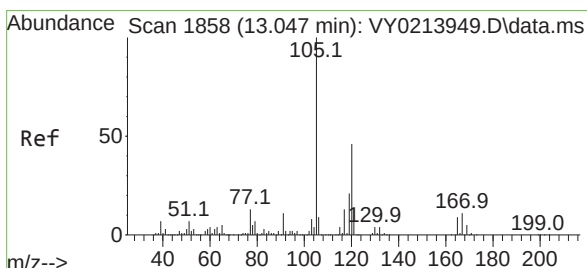
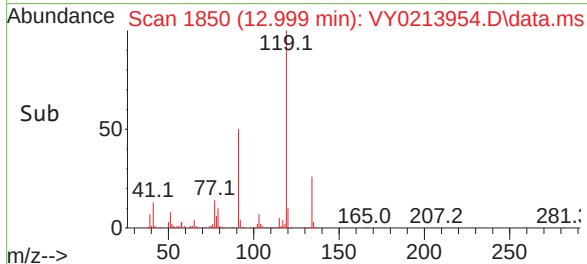
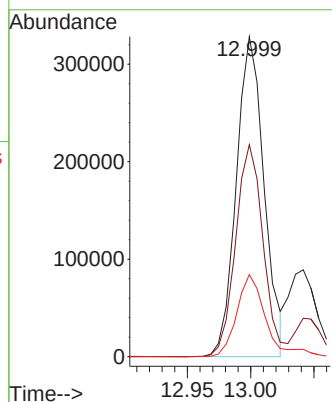
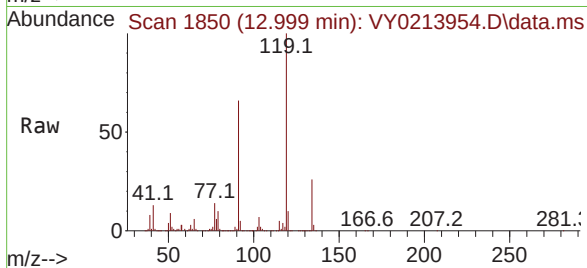




#83
 tert-Butylbenzene
 Concen: 52.081 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY0213954.D
 Acq: 04 Mar 2025 13:35

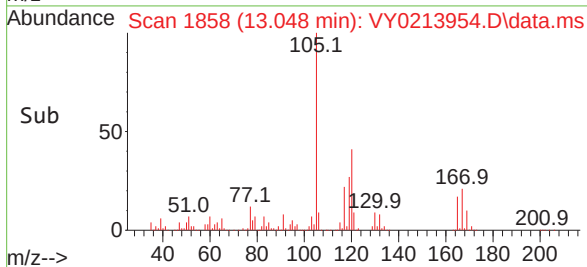
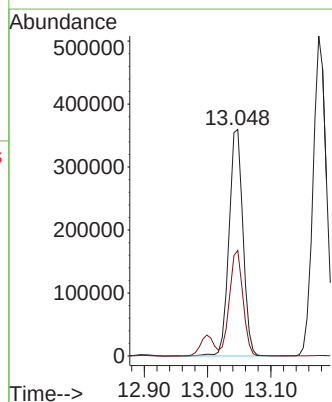
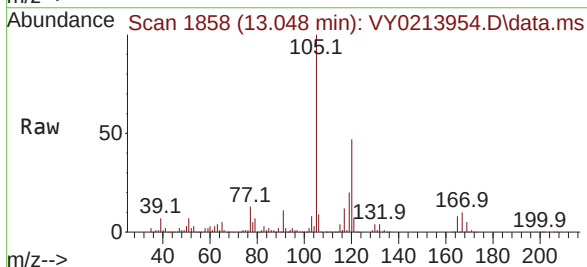
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY030425

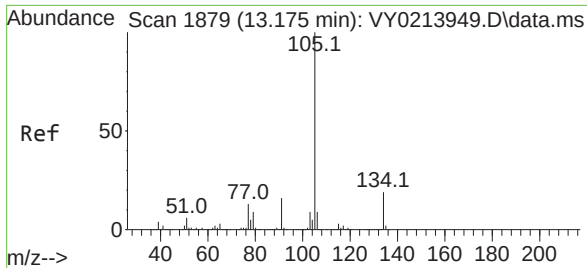
Tgt Ion:119 Resp: 502268
 Ion Ratio Lower Upper
 119 100
 91 65.7 33.2 99.6
 134 26.7 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 51.173 ug/l
 RT: 13.048 min Scan# 1858
 Delta R.T. 0.000 min
 Lab File: VY0213954.D
 Acq: 04 Mar 2025 13:35

Tgt Ion:105 Resp: 549272
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.7 68.1

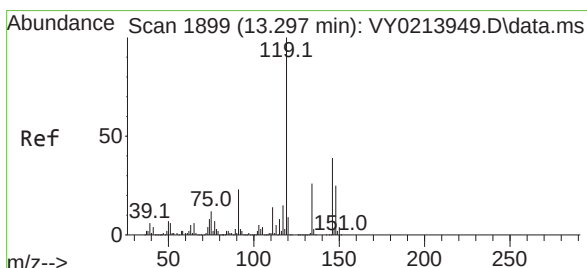
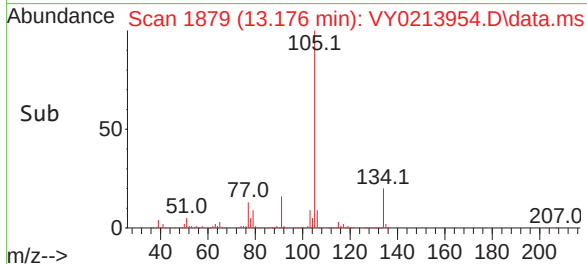
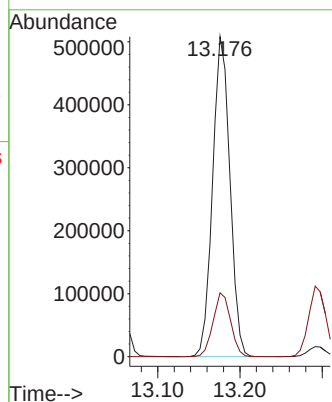
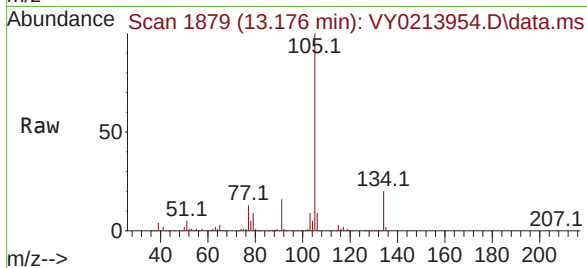




#85
 sec-Butylbenzene
 Concen: 51.795 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY0213954.D
 Acq: 04 Mar 2025 13:35

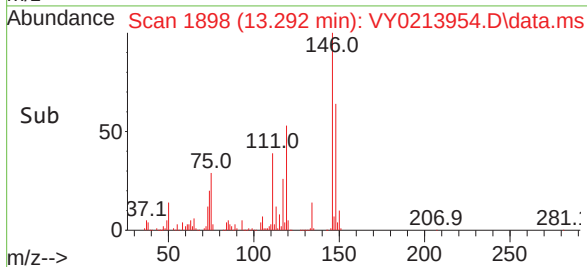
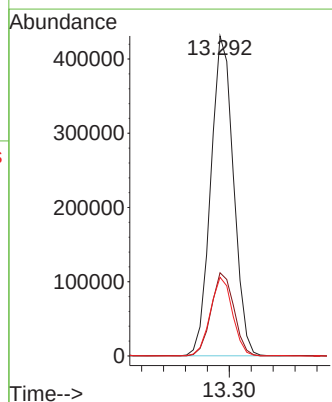
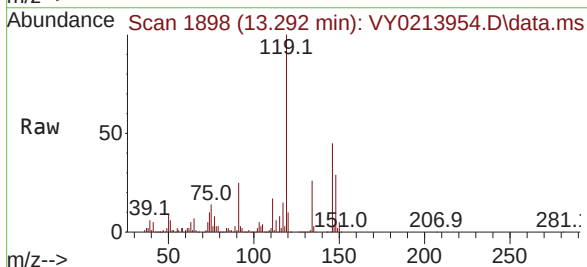
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY030425

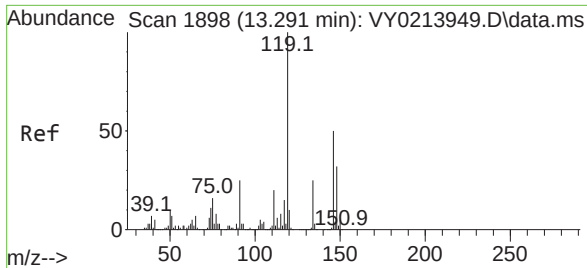
Tgt Ion:105 Resp: 743209
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 52.349 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY0213954.D
 Acq: 04 Mar 2025 13:35

Tgt Ion:119 Resp: 618832
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.1
 91 24.1 12.2 36.6

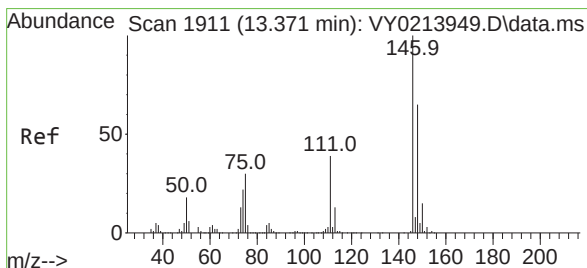
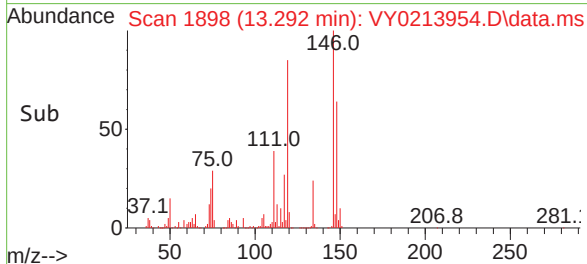
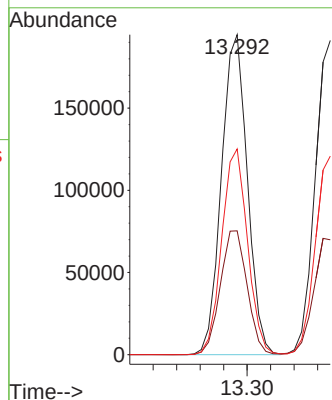
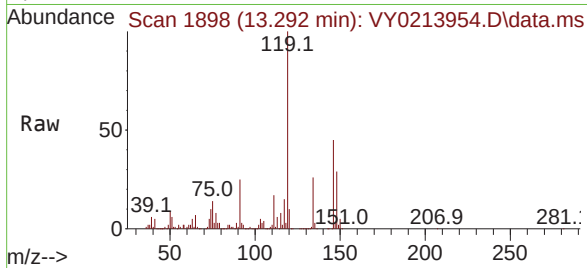




#87
 1,3-Dichlorobenzene
 Concen: 48.147 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY0213954.D
 Acq: 04 Mar 2025 13:35

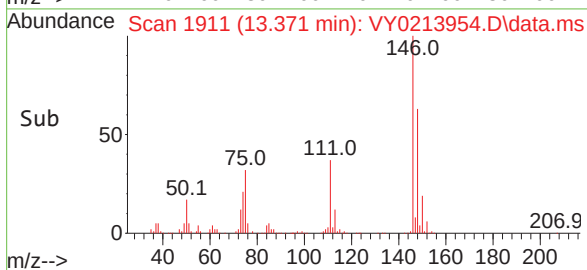
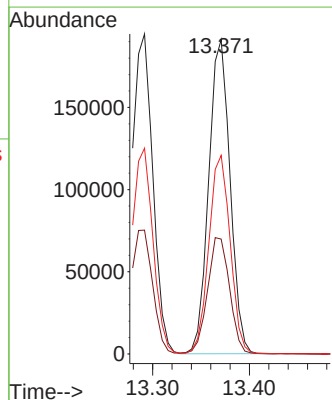
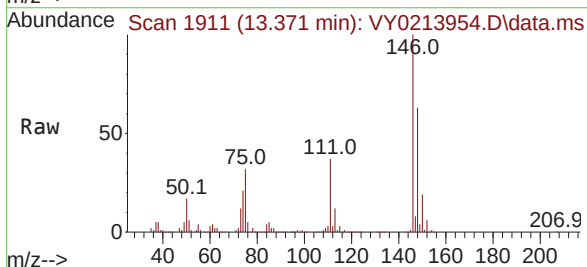
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY030425

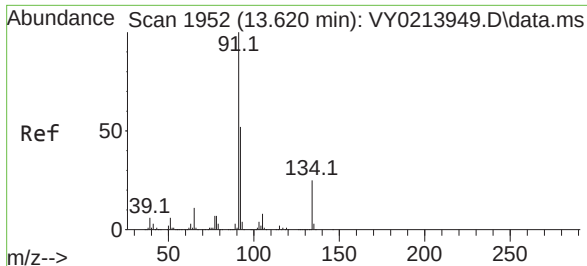
Tgt Ion:146 Resp: 298265
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.0 60.0
 148 64.0 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 48.479 ug/l
 RT: 13.371 min Scan# 1911
 Delta R.T. 0.000 min
 Lab File: VY0213954.D
 Acq: 04 Mar 2025 13:35

Tgt Ion:146 Resp: 293712
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.6 58.8
 148 63.5 32.3 96.8





#89

n-Butylbenzene

Concen: 53.673 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY0213954.D

Acq: 04 Mar 2025 13:35

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY030425

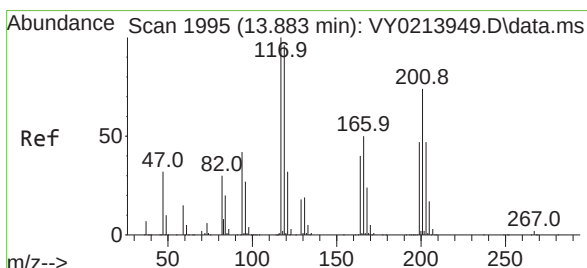
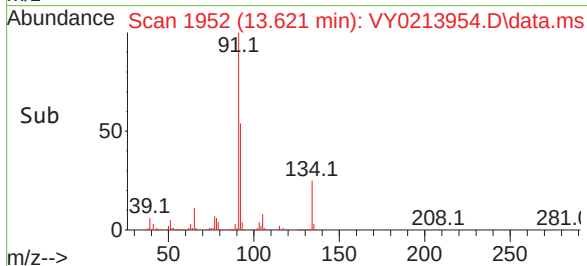
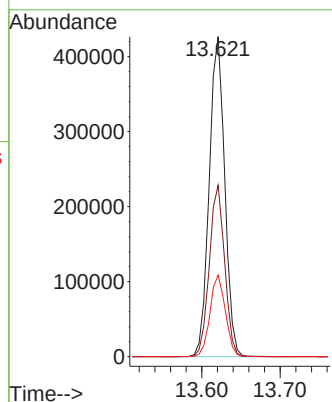
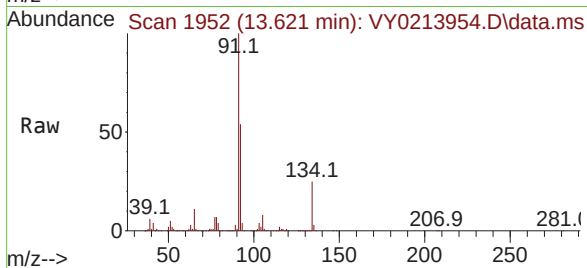
Tgt Ion: 91 Resp: 585888

Ion Ratio Lower Upper

91 100

92 52.8 26.1 78.3

134 25.2 12.6 37.8



#90

Hexachloroethane

Concen: 49.639 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY0213954.D

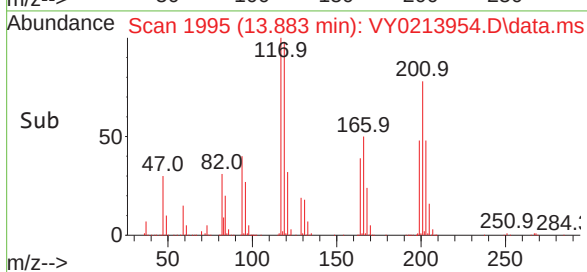
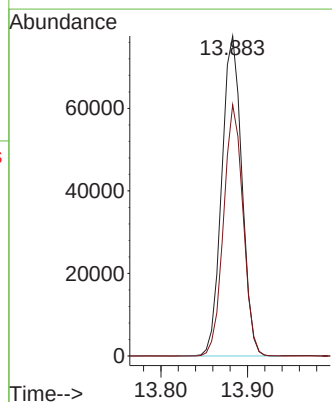
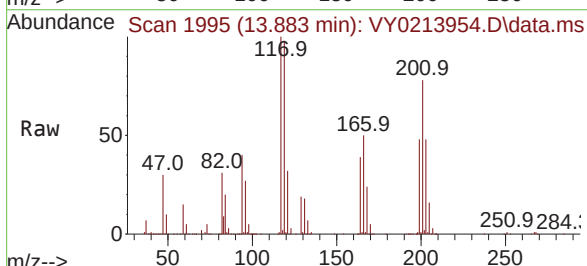
Acq: 04 Mar 2025 13:35

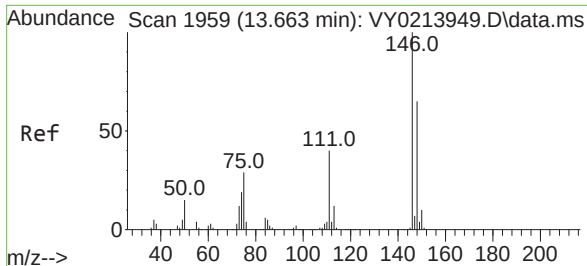
Tgt Ion: 117 Resp: 125183

Ion Ratio Lower Upper

117 100

201 75.9 37.4 112.2

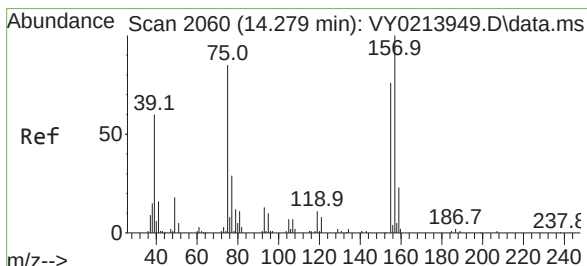
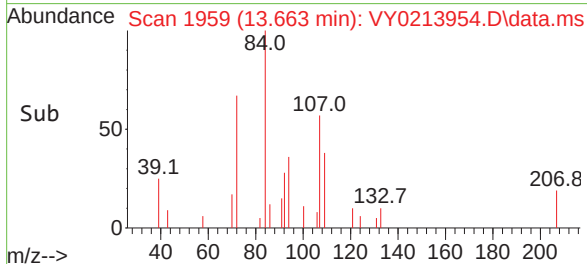
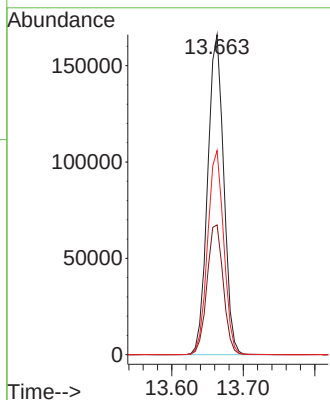
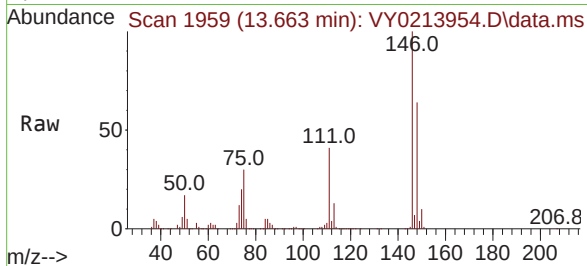




#91
1,2-Dichlorobenzene
Concen: 48.821 ug/l
RT: 13.663 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

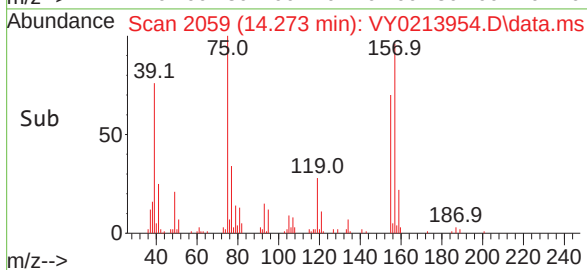
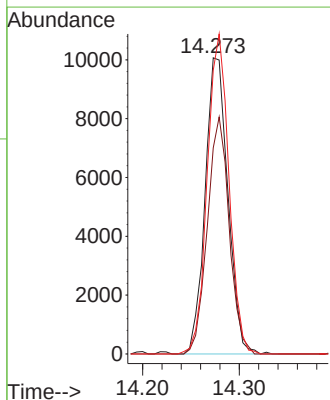
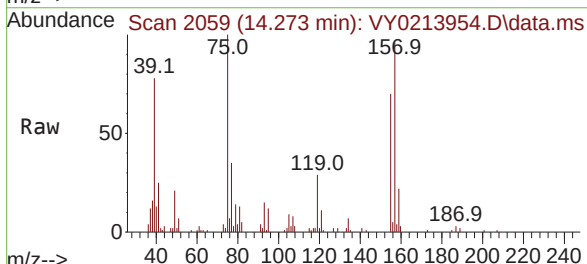
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425

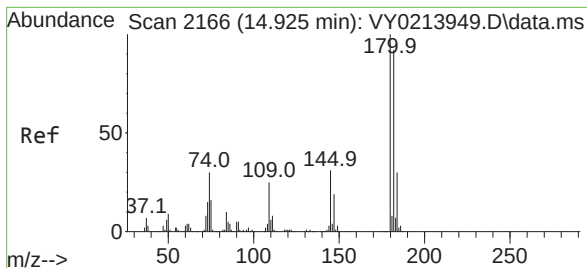
Tgt Ion:146 Resp: 259217
Ion Ratio Lower Upper
146 100
111 41.2 20.7 62.1
148 64.0 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.837 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

Tgt Ion: 75 Resp: 16470
Ion Ratio Lower Upper
75 100
155 76.6 43.5 130.5
157 102.6 54.4 163.2





#93

1,2,4-Trichlorobenzene

Concen: 53.357 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY0213954.D

Acq: 04 Mar 2025 13:35

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY030425

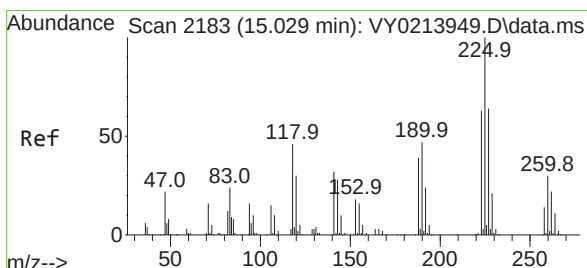
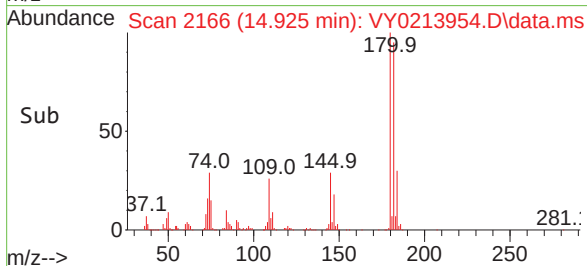
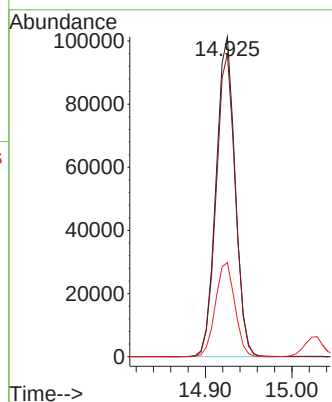
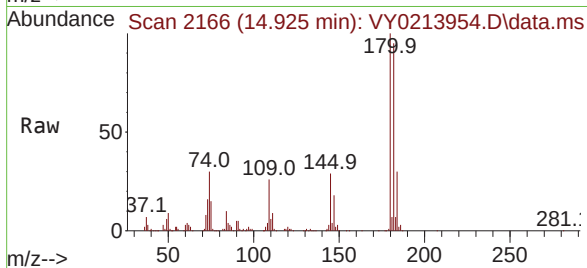
Tgt Ion:180 Resp: 154740

Ion Ratio Lower Upper

180 100

182 94.9 46.7 140.0

145 30.1 15.6 46.8



#94

Hexachlorobutadiene

Concen: 54.157 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.000 min

Lab File: VY0213954.D

Acq: 04 Mar 2025 13:35

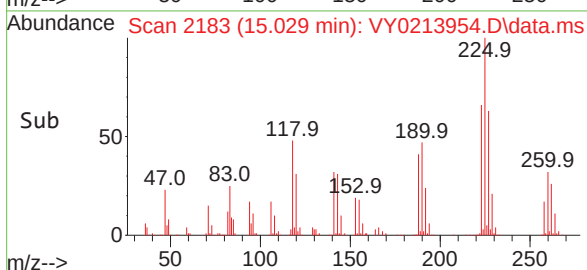
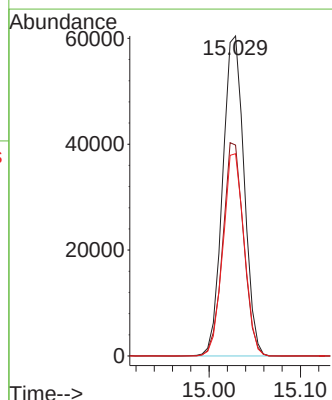
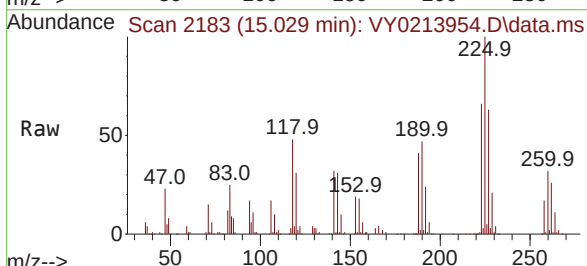
Tgt Ion:225 Resp: 98454

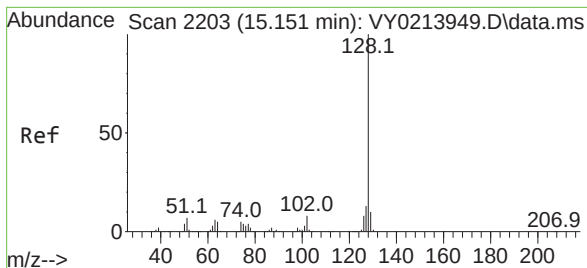
Ion Ratio Lower Upper

225 100

223 64.7 31.4 94.2

227 62.6 31.8 95.4

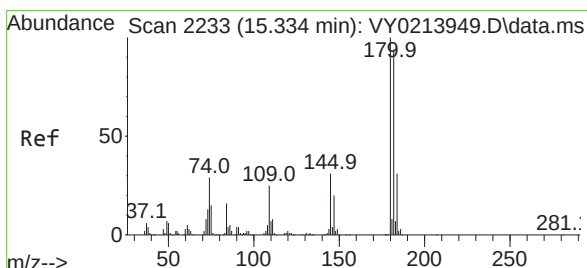
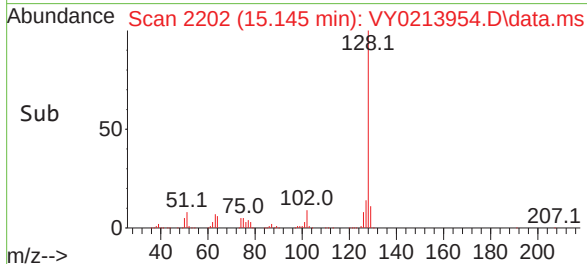
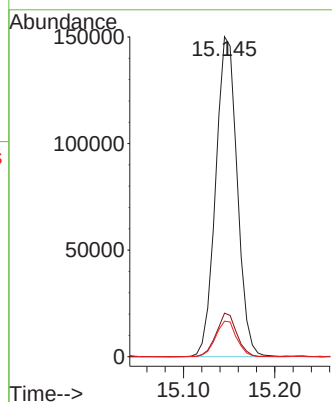
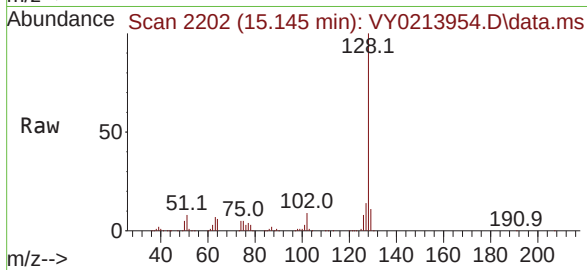




#95
Naphthalene
Concen: 50.146 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425

Tgt Ion:128 Resp: 245890
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 52.990 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY0213954.D
Acq: 04 Mar 2025 13:35

Tgt Ion:180 Resp: 129250
Ion Ratio Lower Upper
180 100
182 94.3 47.2 141.6
145 31.9 16.4 49.1

