

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032525\
 Data File : VY021628.D
 Acq On : 25 Mar 2025 11:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 26 01:35:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	208523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	310165	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	269506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	138648	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	115109	52.228	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.460%	
35) Dibromofluoromethane	7.628	113	114984	56.399	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.800%	
50) Toluene-d8	10.109	98	428835	55.553	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.100%	
62) 4-Bromofluorobenzene	12.408	95	145218	55.304	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.600%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	85208	44.529	ug/l	100
3) Chloromethane	2.068	50	128930	47.790	ug/l	98
4) Vinyl Chloride	2.202	62	152470	51.716	ug/l	98
5) Bromomethane	2.592	94	98126	46.052	ug/l	92
6) Chloroethane	2.733	64	108047	55.457	ug/l	98
7) Trichlorofluoromethane	3.056	101	234257	56.927	ug/l	100
8) Diethyl Ether	3.452	74	54820	48.071	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	119571	50.894	ug/l	99
10) Methyl Iodide	4.001	142	117454	49.181	ug/l	99
11) Tert butyl alcohol	4.854	59	31659	218.054	ug/l	98
12) 1,1-Dichloroethene	3.787	96	104744	48.901	ug/l	99
13) Acrolein	3.653	56	3878	34.594	ug/l	96
14) Allyl chloride	4.379	41	172194	49.745	ug/l	99
15) Acrylonitrile	5.055	53	119124	245.387	ug/l	98
16) Acetone	3.866	43	128382	267.071	ug/l	96
17) Carbon Disulfide	4.104	76	293209	43.679	ug/l	99
18) Methyl Acetate	4.385	43	66871	62.696	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	265837	48.966	ug/l	98
20) Methylene Chloride	4.616	84	117412	46.531	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	117924	49.159	ug/l	96
22) Diisopropyl ether	6.012	45	377367	50.586	ug/l	98
23) Vinyl Acetate	5.958	43	993751	233.415	ug/l	99
24) 1,1-Dichloroethane	5.909	63	222551	50.547	ug/l	99
25) 2-Butanone	6.890	43	162590	244.511	ug/l	99
26) 2,2-Dichloropropane	6.884	77	206349	50.936	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	137581	50.485	ug/l	99
28) Bromochloromethane	7.244	49	92488	50.106	ug/l	98
29) Tetrahydrofuran	7.256	42	96584	235.277	ug/l	99
30) Chloroform	7.421	83	231820	50.705	ug/l	98
31) Cyclohexane	7.701	56	187396	45.400	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	213175	50.923	ug/l	100
36) 1,1-Dichloropropene	7.835	75	163842	51.340	ug/l	100
37) Ethyl Acetate	6.982	43	68663	48.679	ug/l	99
38) Carbon Tetrachloride	7.817	117	196693	53.591	ug/l	98
39) Methylcyclohexane	9.109	83	202283	51.675	ug/l	100
40) Benzene	8.079	78	485497	51.644	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	39289	51.156	ug/l #	93
42) 1,2-Dichloroethane	8.158	62	132253	50.288	ug/l	99
43) Isopropyl Acetate	8.195	43	133055	48.593	ug/l #	88
44) Trichloroethene	8.866	130	126073	53.070	ug/l	96
45) 1,2-Dichloropropane	9.140	63	118445	52.938	ug/l	98
46) Dibromomethane	9.231	93	63897	51.326	ug/l	99
47) Bromodichloromethane	9.420	83	175430	53.063	ug/l	100
48) Methyl methacrylate	9.219	41	65322	51.952	ug/l	98
49) 1,4-Dioxane	9.225	88	13842	1132.801	ug/l	94
51) 4-Methyl-2-Pentanone	10.000	43	357380	252.958	ug/l	100
52) Toluene	10.170	92	313470	52.890	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	153774	52.794	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	180186	52.104	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	85583	52.554	ug/l	96
56) Ethyl methacrylate	10.438	69	108774	52.374	ug/l	99
57) 1,3-Dichloropropane	10.719	76	144667	51.256	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	251677	262.508	ug/l	99
59) 2-Hexanone	10.762	43	247948	265.418	ug/l	100
60) Dibromochloromethane	10.914	129	116734	52.288	ug/l	100
61) 1,2-Dibromoethane	11.018	107	77196	50.227	ug/l	100
64) Tetrachloroethene	10.646	164	130942	59.749	ug/l	100
65) Chlorobenzene	11.444	112	336192	52.825	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	122676	54.521	ug/l	99
67) Ethyl Benzene	11.518	91	605019	54.162	ug/l	99
68) m/p-Xylenes	11.627	106	463807	109.365	ug/l	100
69) o-Xylene	11.956	106	213418	54.602	ug/l	99
70) Styrene	11.969	104	360376	55.578	ug/l	99
71) Bromoform	12.133	173	66974	53.246	ug/l	100
73) Isopropylbenzene	12.255	105	588063	53.844	ug/l	100
74) N-amyl acetate	12.072	43	117870	49.694	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	93136	48.325	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	123698	88.537	ug/l #	100
77) Bromobenzene	12.536	156	130683	51.146	ug/l	98
78) n-propylbenzene	12.597	91	716292	54.002	ug/l	100
79) 2-Chlorotoluene	12.682	91	398901	52.595	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	476635	53.702	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	30476	49.588	ug/l	97
82) 4-Chlorotoluene	12.780	91	414745	52.809	ug/l	99
83) tert-Butylbenzene	12.999	119	432478	54.621	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	474618	53.858	ug/l	100
85) sec-Butylbenzene	13.176	105	643196	54.598	ug/l	99
86) p-Isopropyltoluene	13.292	119	539472	55.584	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	262434	51.598	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	256207	51.508	ug/l	100
89) n-Butylbenzene	13.621	91	499658	55.753	ug/l	99
90) Hexachloroethane	13.883	117	110330	53.287	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	227166	52.112	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	14263	49.404	ug/l	93
93) 1,2,4-Trichlorobenzene	14.925	180	127005	53.341	ug/l	98
94) Hexachlorobutadiene	15.023	225	84565	56.659	ug/l	100
95) Naphthalene	15.145	128	201527	50.069	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	105845	52.855	ug/l	97

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ClientSampleId :
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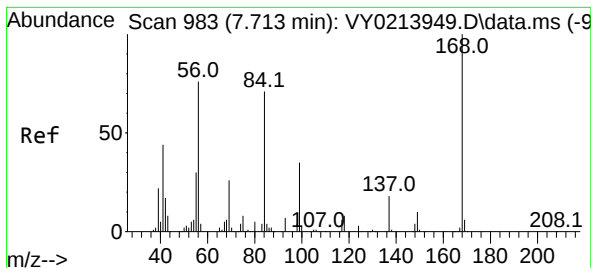
Quant Time: Mar 26 01:35:13 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021628.D

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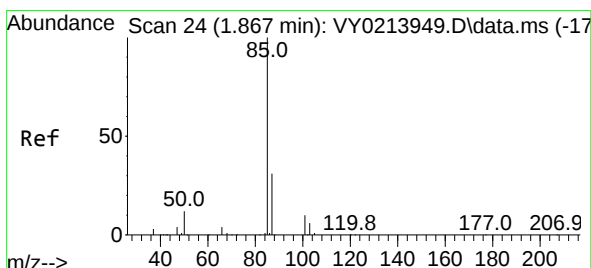
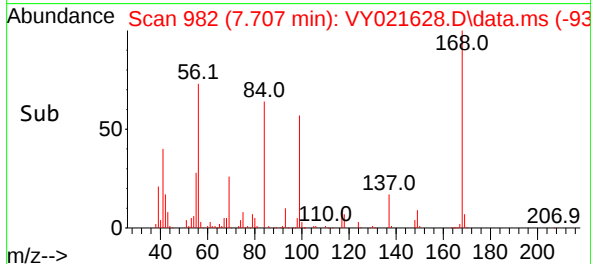
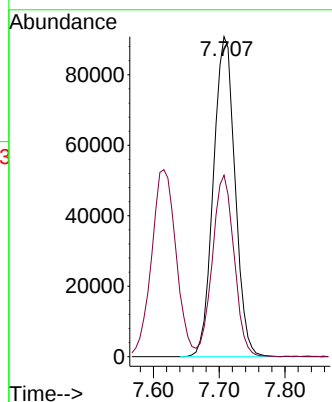
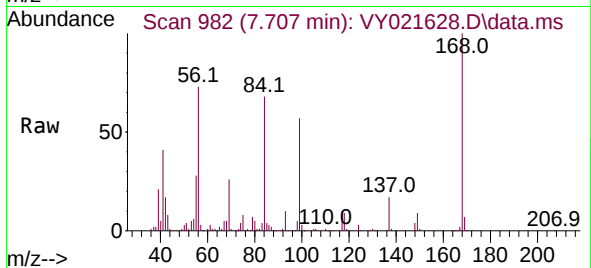
VSTDCCC050

Tgt Ion:168 Resp: 208523

Ion Ratio Lower Upper

168 100

99 56.7 46.0 69.0



#2

Dichlorodifluoromethane

Concen: 44.529 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.000 min

Lab File: VY021628.D

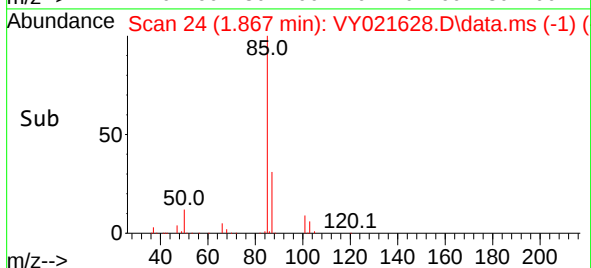
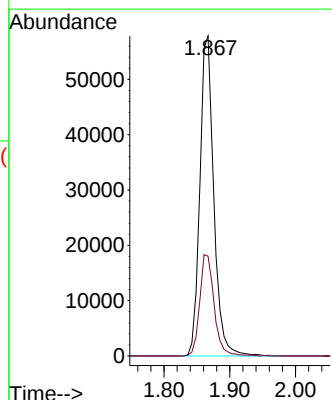
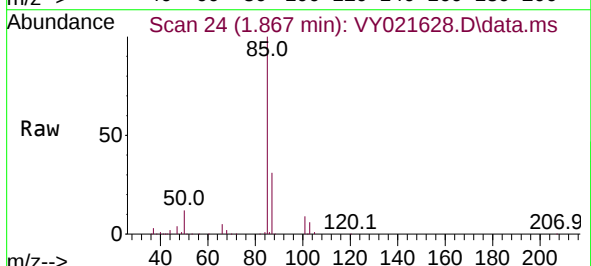
Acq: 25 Mar 2025 11:31

Tgt Ion: 85 Resp: 85208

Ion Ratio Lower Upper

85 100

87 31.2 15.7 47.0

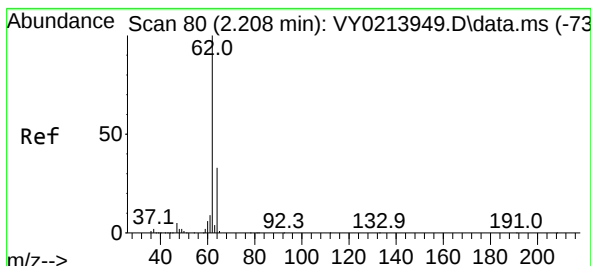
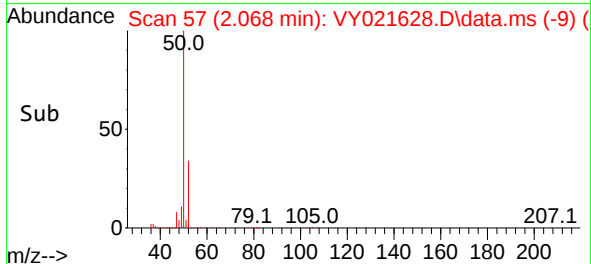
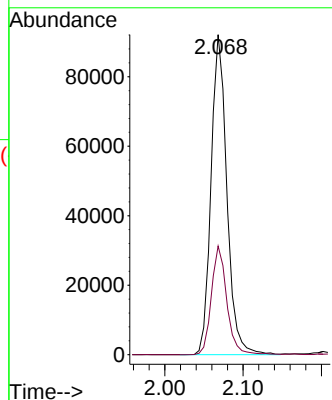
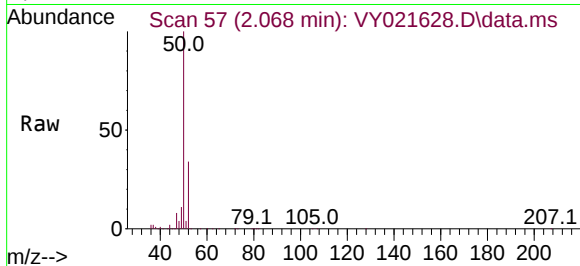




#3
Chloromethane
Concen: 47.790 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021628.D
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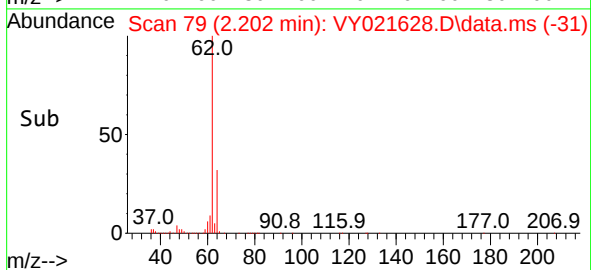
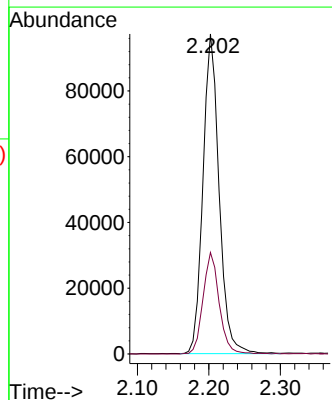
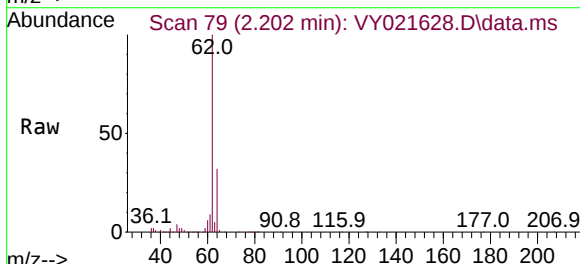
Instrument :
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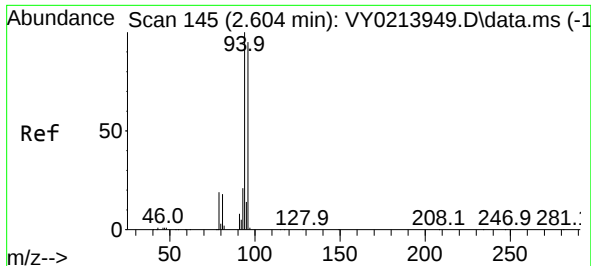
Tgt Ion: 50 Resp: 128930
Ion Ratio Lower Upper
50 100
52 34.0 26.2 39.2



#4
Vinyl Chloride
Concen: 51.716 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

Tgt Ion: 62 Resp: 152470
Ion Ratio Lower Upper
62 100
64 31.7 26.2 39.2

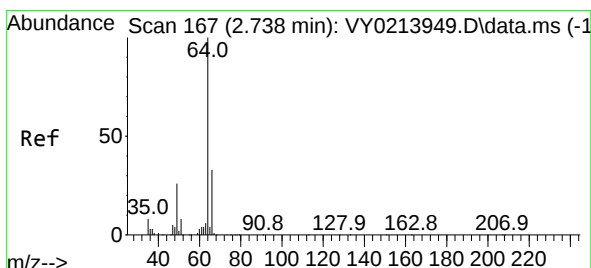
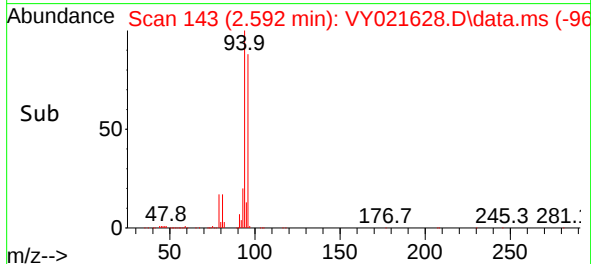
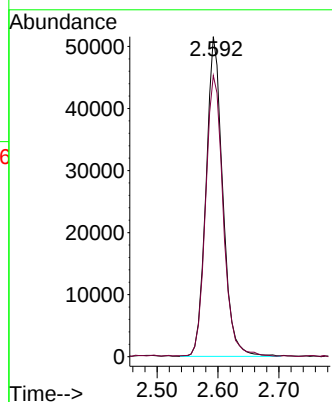
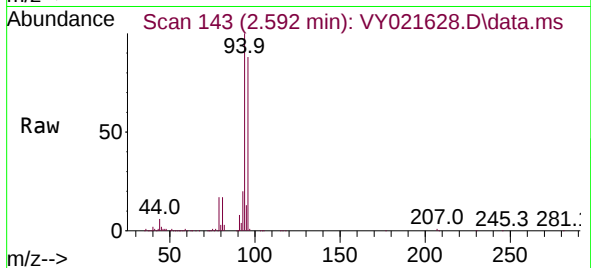




#5
Bromomethane
Concen: 46.052 ug/l
RT: 2.592 min Scan# 145
Delta R.T. -0.012 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

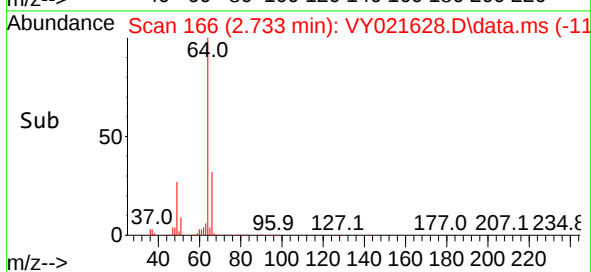
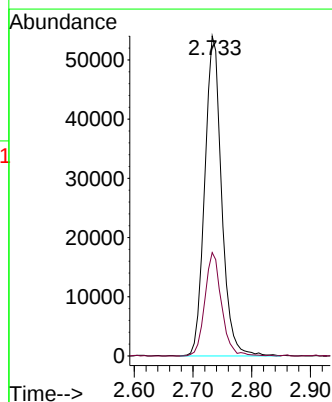
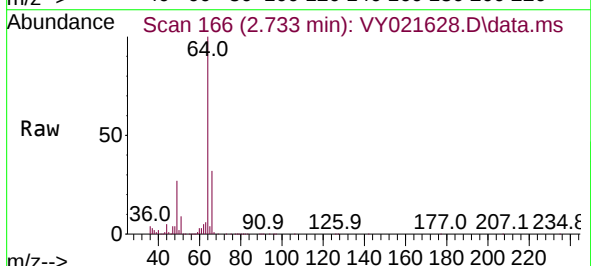
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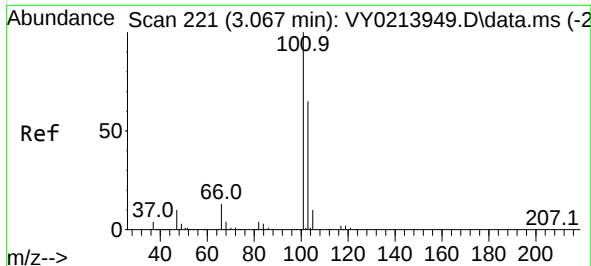
Tgt Ion: 94 Resp: 98126
Ion Ratio Lower Upper
94 100
96 87.7 76.3 114.5



#6
Chloroethane
Concen: 55.457 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

Tgt Ion: 64 Resp: 108047
Ion Ratio Lower Upper
64 100
66 32.3 26.7 40.1

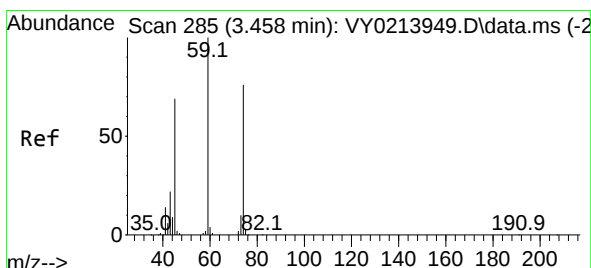
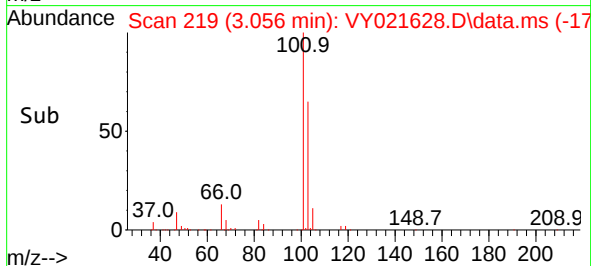
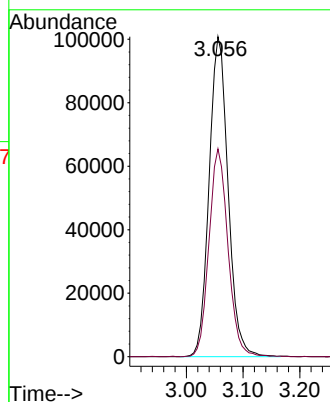
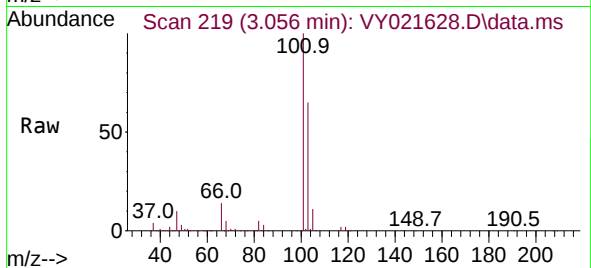




#7
 Trichlorofluoromethane
 Concen: 56.927 ug/l
 RT: 3.056 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VY021628.D
 Acq: 25 Mar 2025 11:31

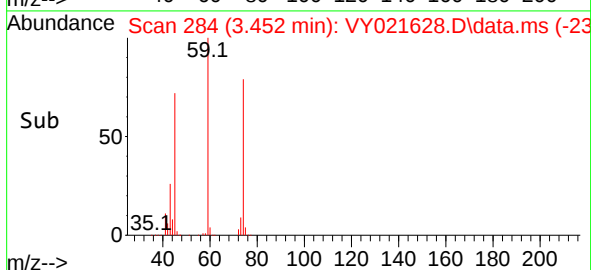
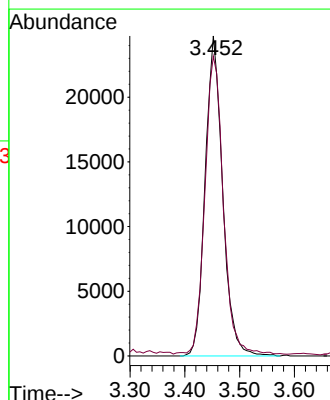
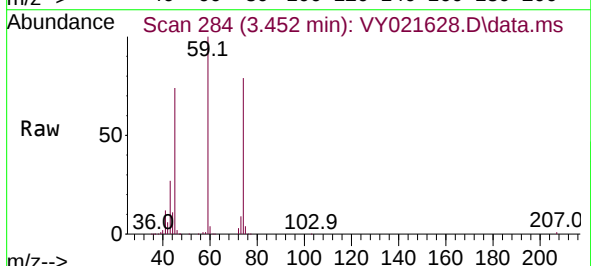
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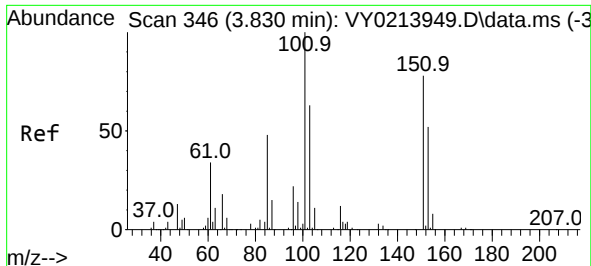
Tgt Ion:101 Resp: 234257
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.7 77.5



#8
 Diethyl Ether
 Concen: 48.071 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY021628.D
 Acq: 25 Mar 2025 11:31

Tgt Ion: 74 Resp: 54820
 Ion Ratio Lower Upper
 74 100
 45 97.7 49.7 149.1

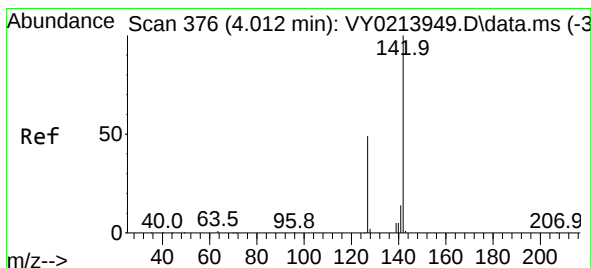
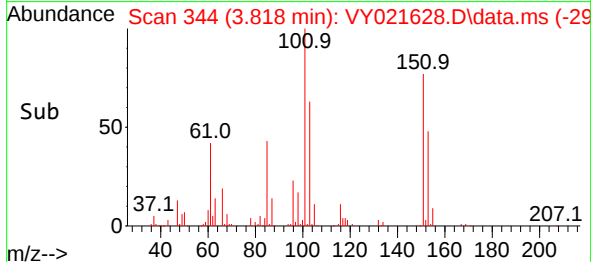
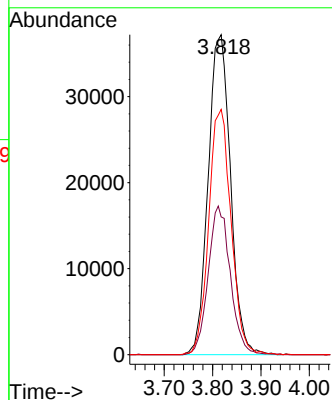
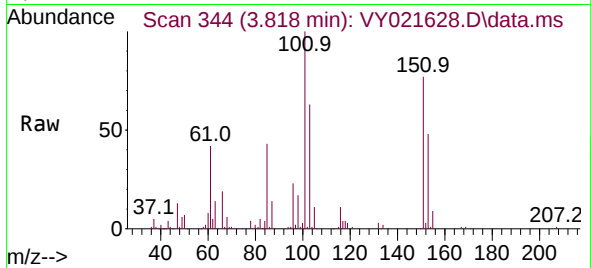




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.894 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY021628.D
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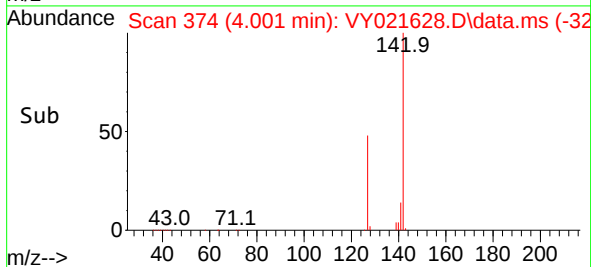
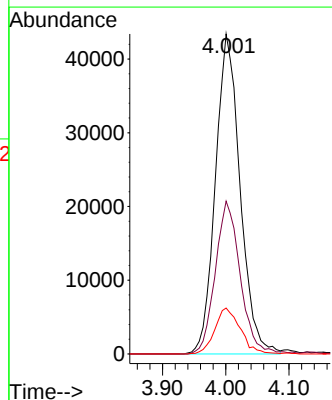
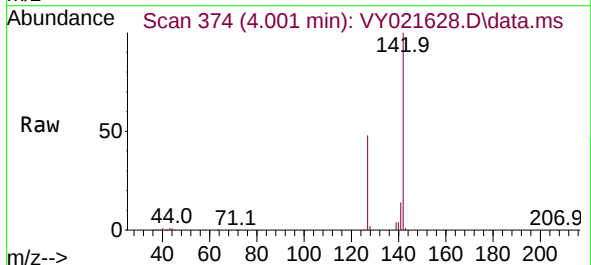
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

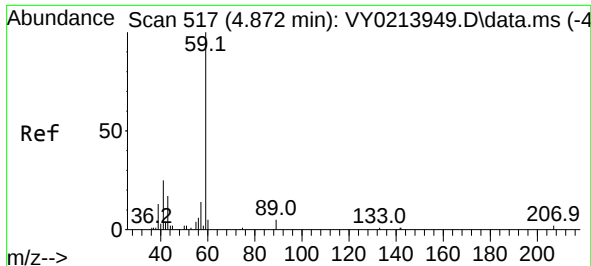
Tgt Ion:101 Resp: 119571
Ion Ratio Lower Upper
101 100
85 45.9 37.1 55.7
151 76.6 62.1 93.1



#10
Methyl Iodide
Concen: 49.181 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.012 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

Tgt Ion:142 Resp: 117454
Ion Ratio Lower Upper
142 100
127 48.3 39.1 58.7
141 14.9 11.8 17.6





#11

Tert butyl alcohol

Concen: 218.054 ug/l

RT: 4.854 min Scan# 51

Delta R.T. -0.018 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

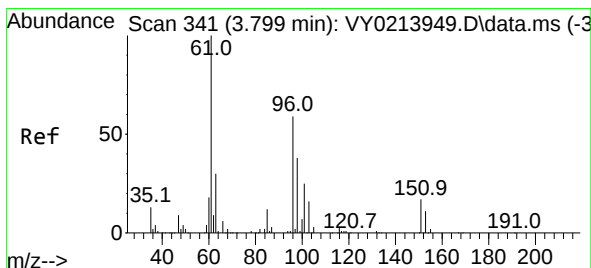
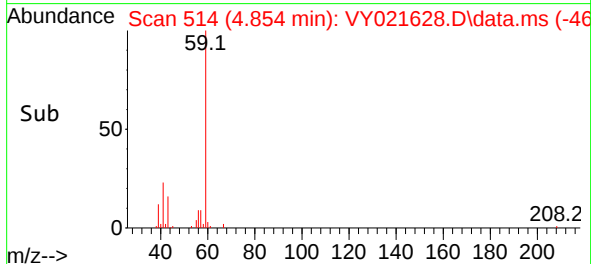
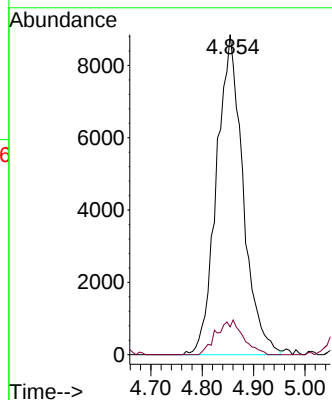
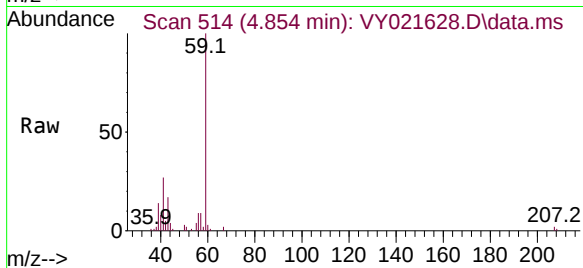
VSTDCCC050

Tgt Ion: 59 Resp: 31659

Ion Ratio Lower Upper

59 100

57 11.0 8.2 12.4



#12

1,1-Dichloroethene

Concen: 48.901 ug/l

RT: 3.787 min Scan# 339

Delta R.T. -0.012 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

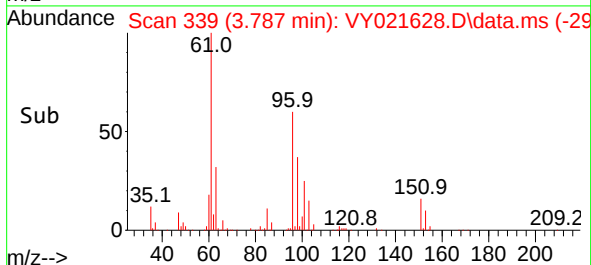
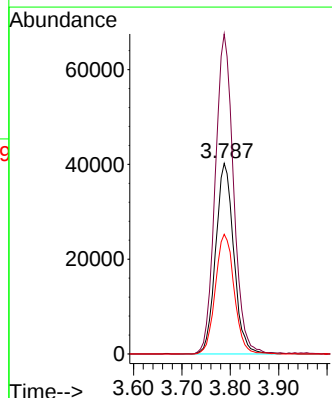
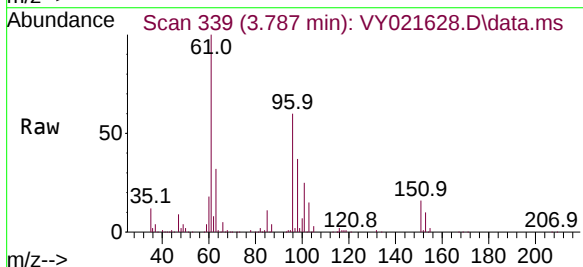
Tgt Ion: 96 Resp: 104744

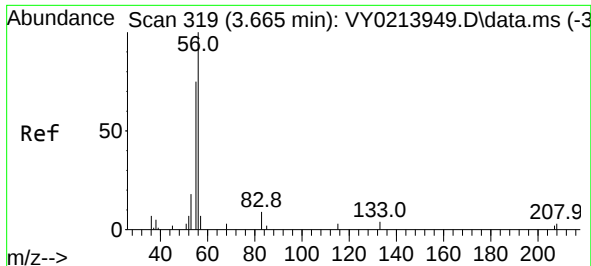
Ion Ratio Lower Upper

96 100

61 167.9 135.2 202.8

98 62.8 51.4 77.2

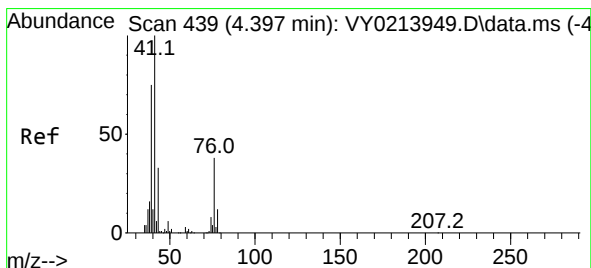
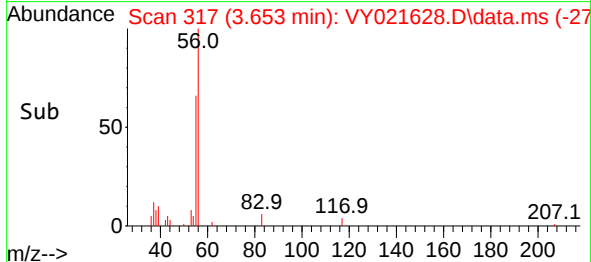
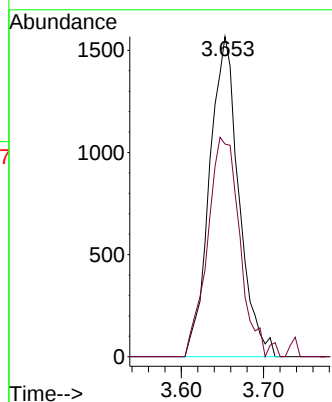
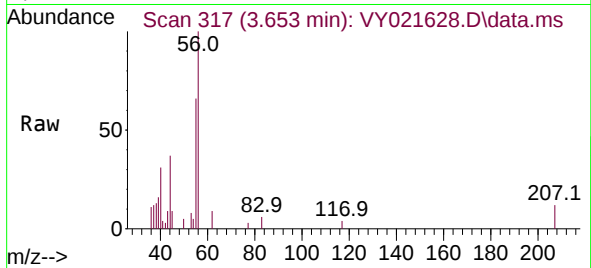




#13
Acrolein
Concen: 34.594 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.012 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

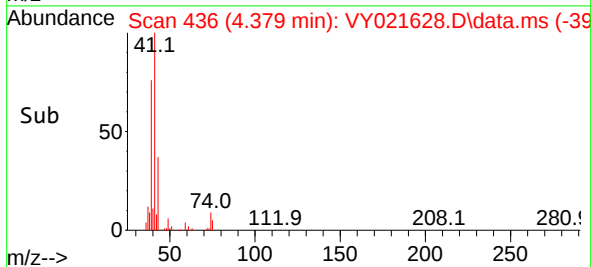
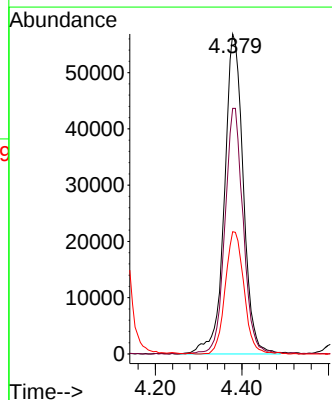
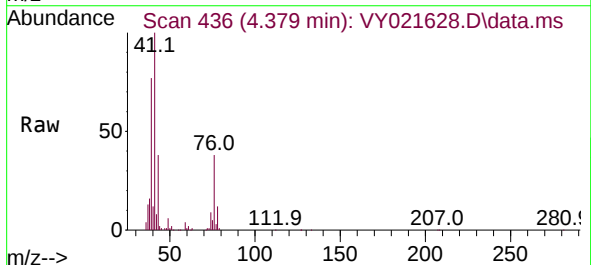
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

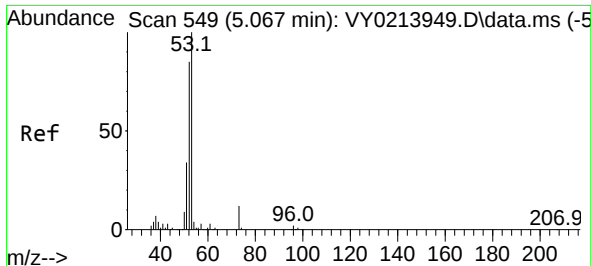
Tgt Ion: 56 Resp: 3878
Ion Ratio Lower Upper
56 100
55 75.9 63.4 95.2



#14
Allyl chloride
Concen: 49.745 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.018 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

Tgt Ion: 41 Resp: 172194
Ion Ratio Lower Upper
41 100
39 74.8 59.3 88.9
76 37.8 29.8 44.8

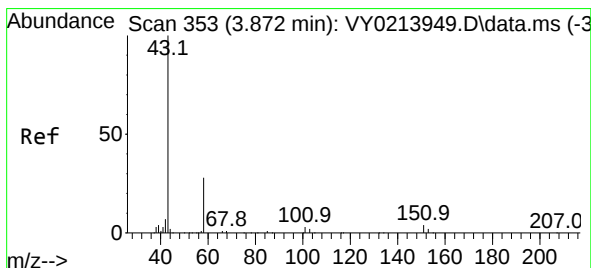
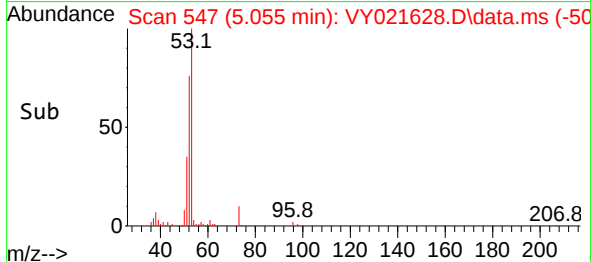
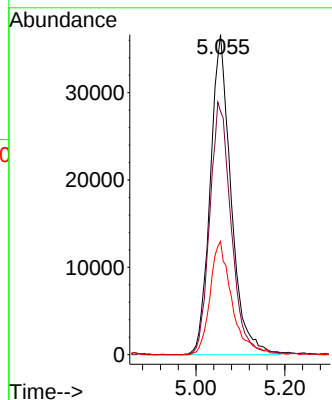
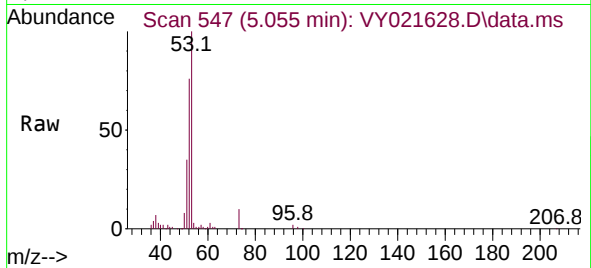




#15
Acrylonitrile
Concen: 245.387 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

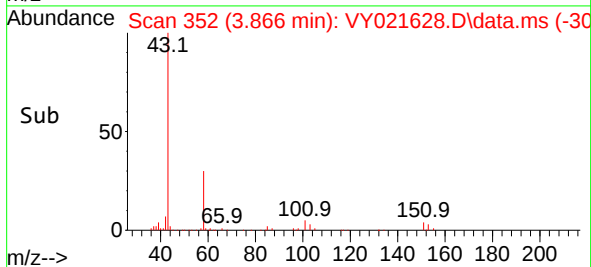
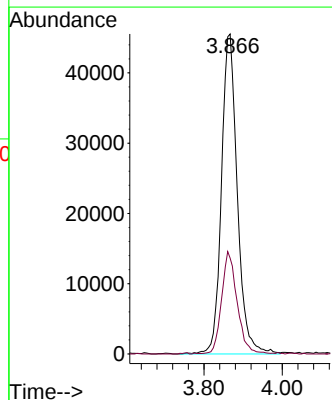
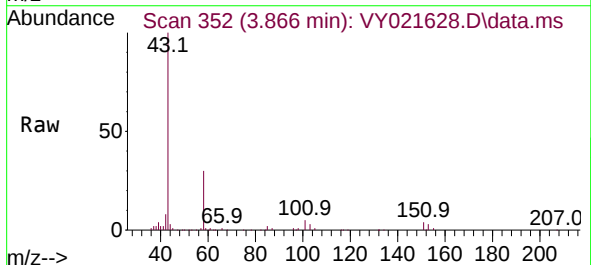
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

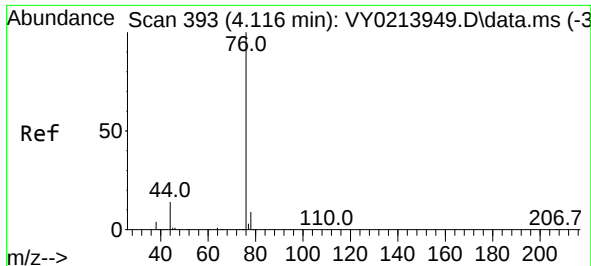
Tgt Ion: 53 Resp: 119124
Ion Ratio Lower Upper
53 100
52 81.4 66.3 99.5
51 37.2 30.3 45.5



#16
Acetone
Concen: 267.071 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

Tgt Ion: 43 Resp: 128382
Ion Ratio Lower Upper
43 100
58 29.8 22.1 33.1

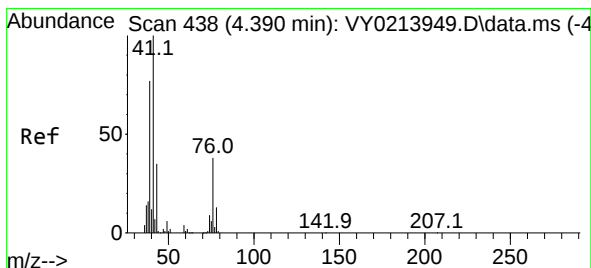
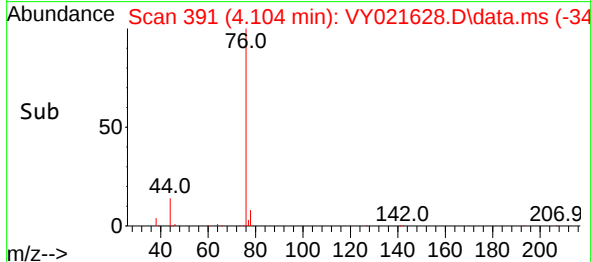
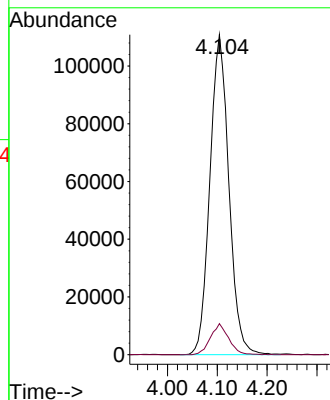
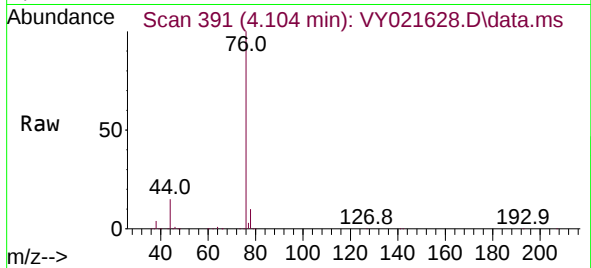




#17
Carbon Disulfide
Concen: 43.679 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

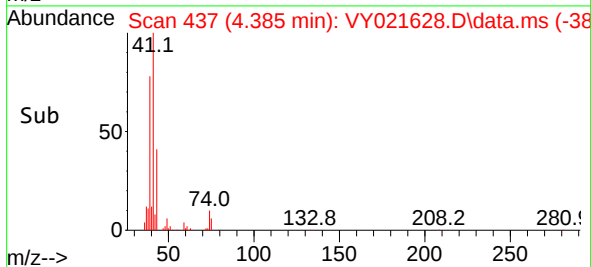
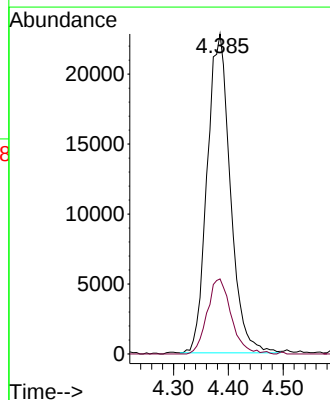
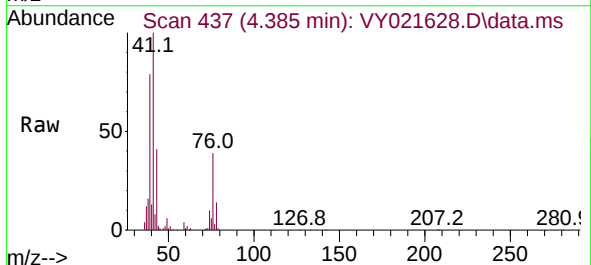
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

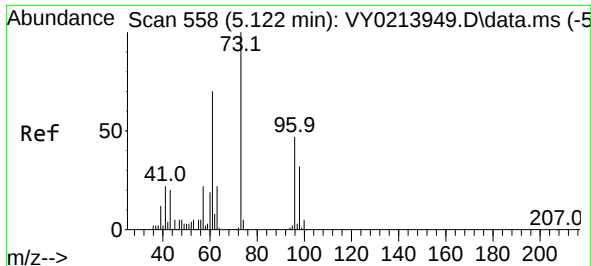
Tgt Ion: 76 Resp: 293209
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0



#18
Methyl Acetate
Concen: 62.696 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

Tgt Ion: 43 Resp: 66871
Ion Ratio Lower Upper
43 100
74 24.4 19.4 29.0

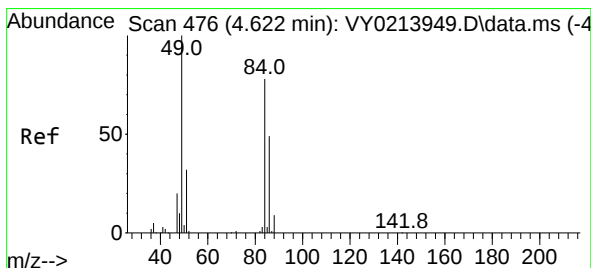
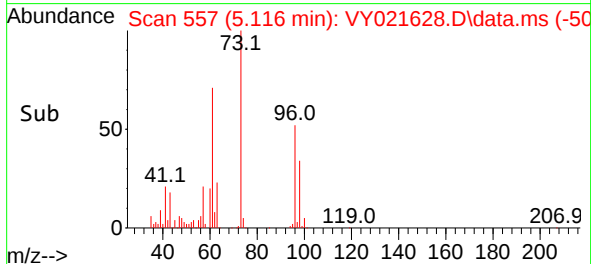
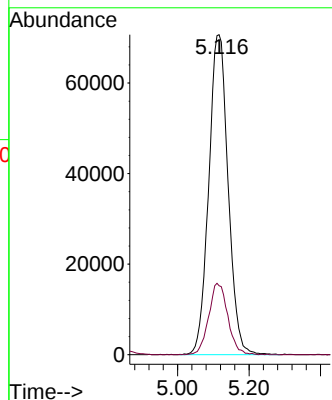
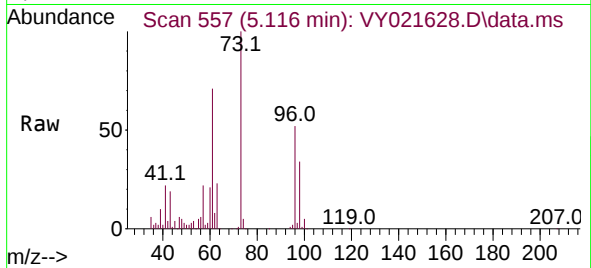




#19
Methyl tert-butyl Ether
Concen: 48.966 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

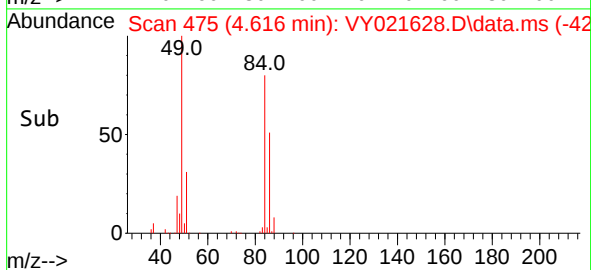
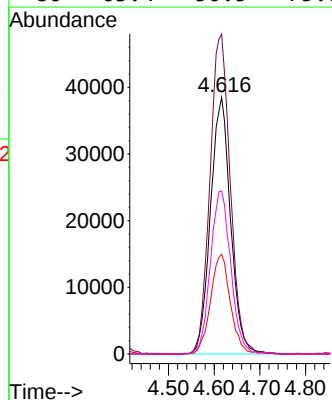
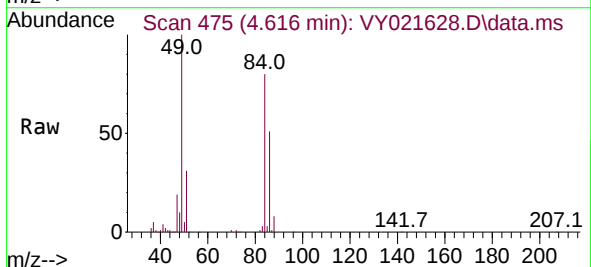
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 265837
Ion Ratio Lower Upper
73 100
57 21.5 17.9 26.9



#20
Methylene Chloride
Concen: 46.531 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

Tgt Ion: 84 Resp: 117412
Ion Ratio Lower Upper
84 100
49 124.7 102.0 153.0
51 38.9 33.0 49.6
86 63.4 50.5 75.7

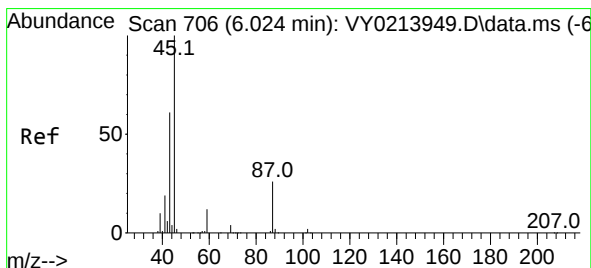
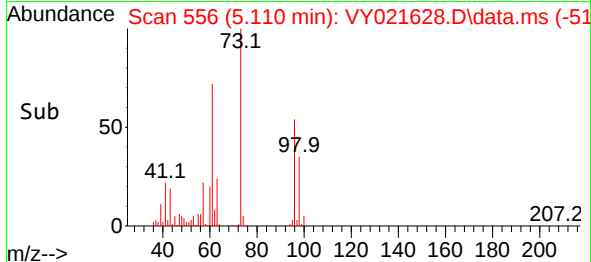
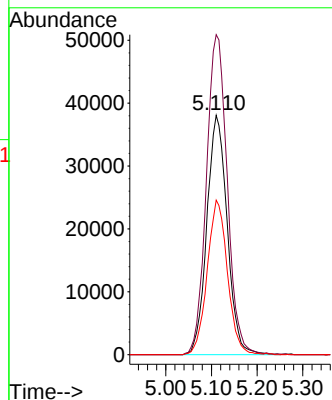
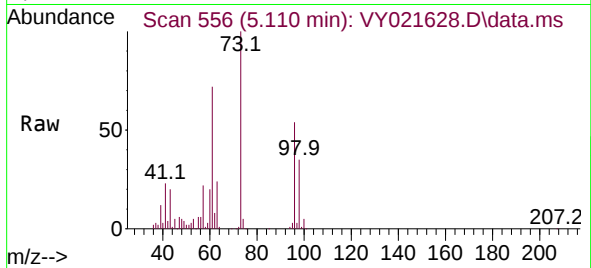




#21
trans-1,2-Dichloroethene
Concen: 49.159 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

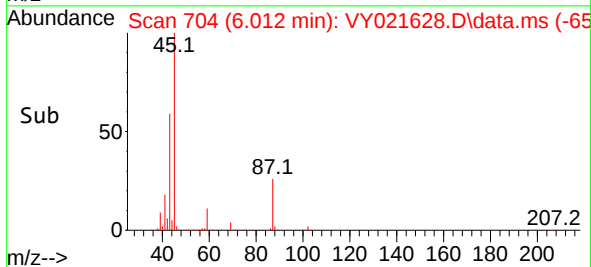
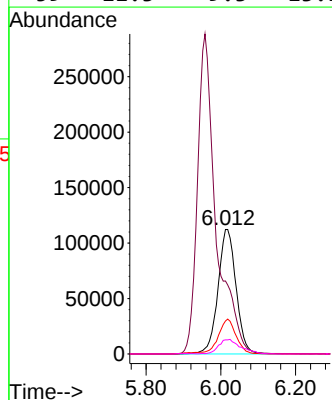
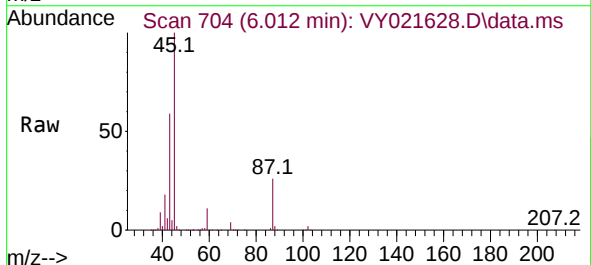
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

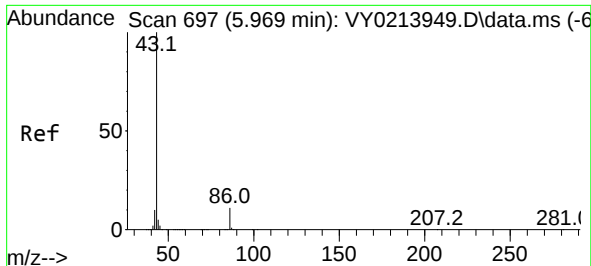
Tgt Ion: 96 Resp: 117924
Ion Ratio Lower Upper
96 100
61 133.7 111.5 167.3
98 64.6 53.8 80.8



#22
Diisopropyl ether
Concen: 50.586 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

Tgt Ion: 45 Resp: 377367
Ion Ratio Lower Upper
45 100
43 58.3 48.7 73.1
87 26.4 21.5 32.3
59 11.3 9.3 13.9

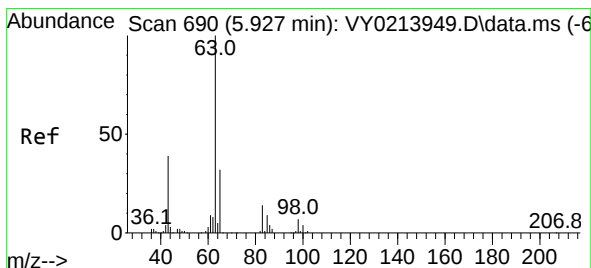
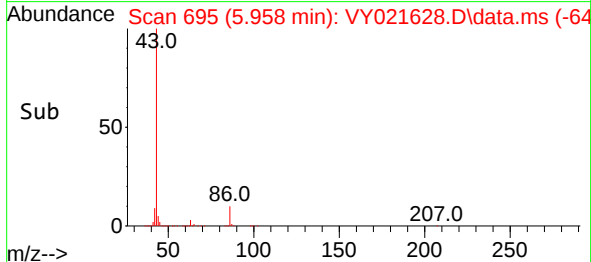
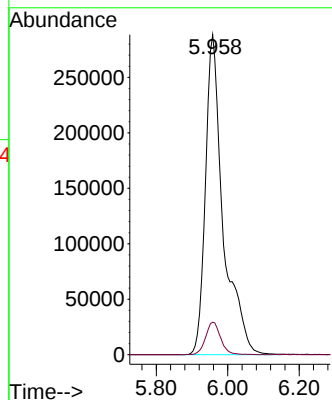
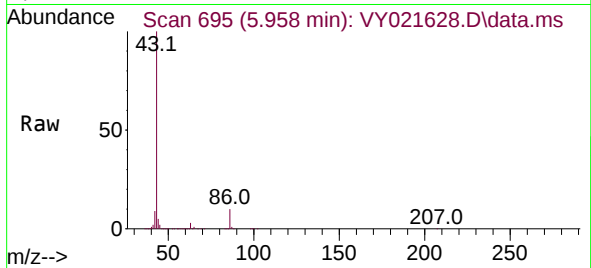




#23
 Vinyl Acetate
 Concen: 233.415 ug/l
 RT: 5.958 min Scan# 61
 Delta R.T. -0.012 min
 Lab File: VY021628.D
 Acq: 25 Mar 2025 11:31

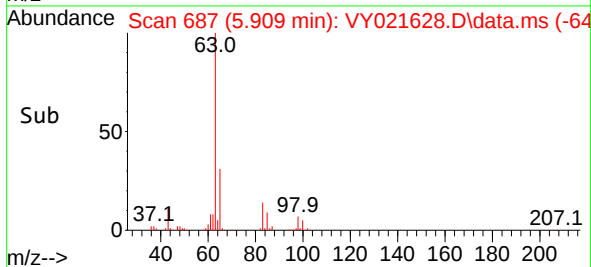
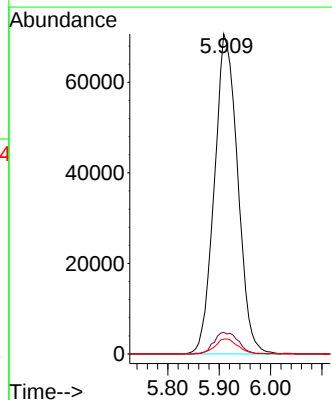
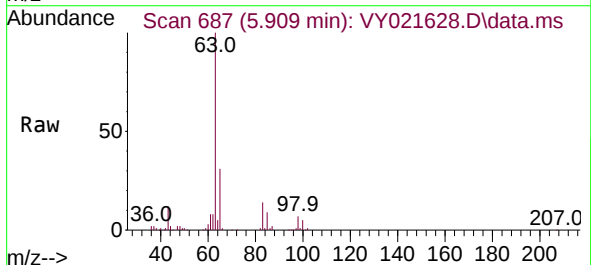
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

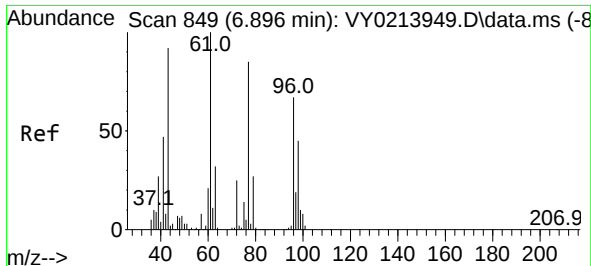
Tgt Ion: 43 Resp: 993751
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 50.547 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.018 min
 Lab File: VY021628.D
 Acq: 25 Mar 2025 11:31

Tgt Ion: 63 Resp: 222551
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.9
 100 4.6 2.1 6.5

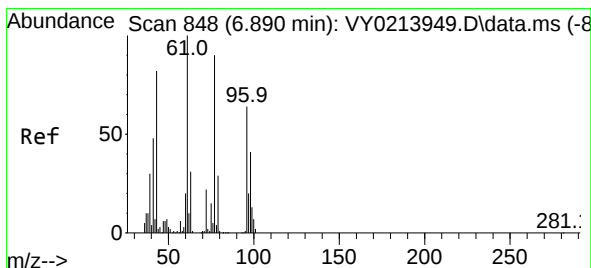
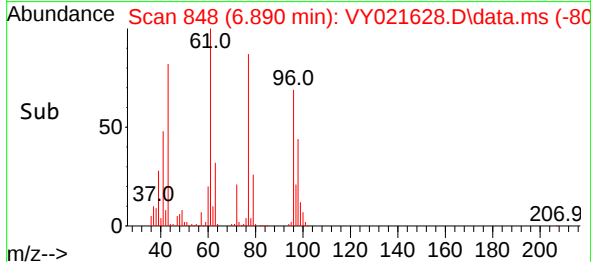
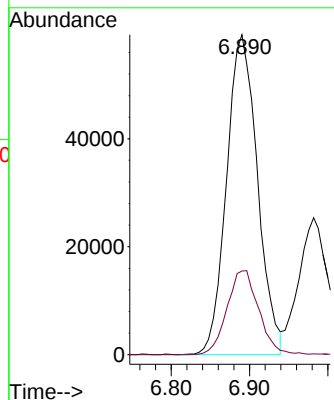
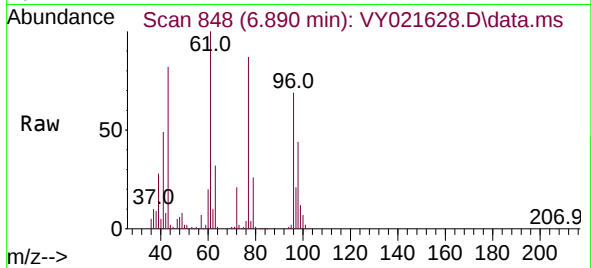




#25
2-Butanone
Concen: 244.511 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

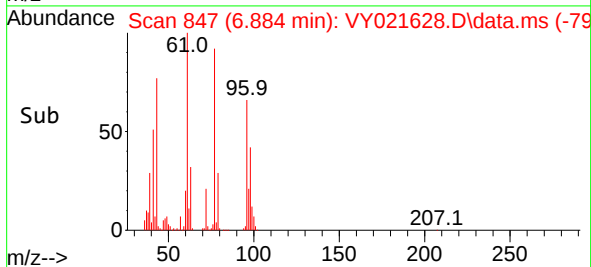
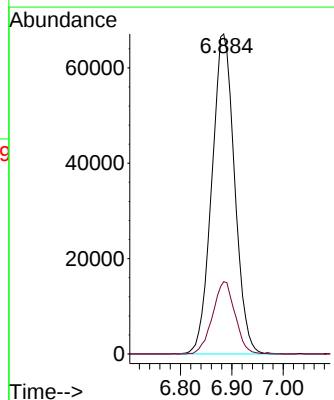
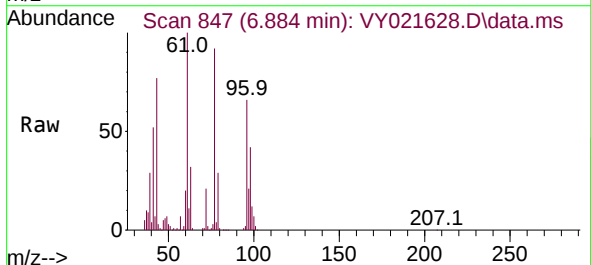
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 162590
Ion Ratio Lower Upper
43 100
72 26.1 21.4 32.0



#26
2,2-Dichloropropane
Concen: 50.936 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

Tgt Ion: 77 Resp: 206349
Ion Ratio Lower Upper
77 100
97 22.3 11.3 33.8

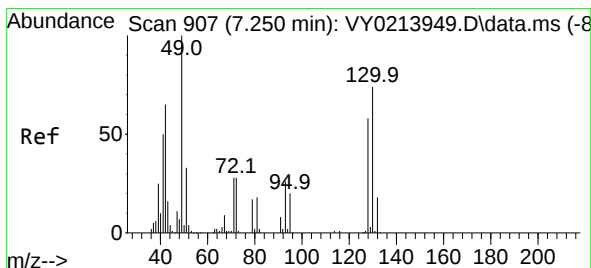
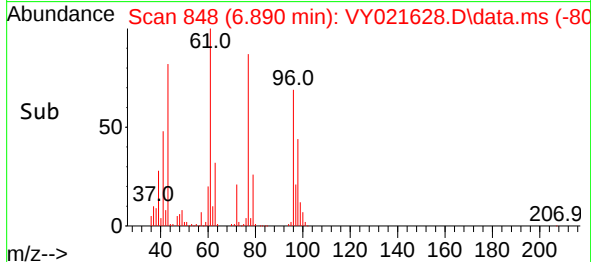
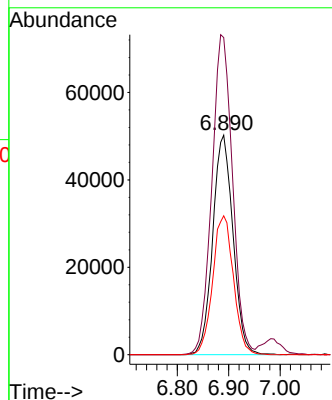
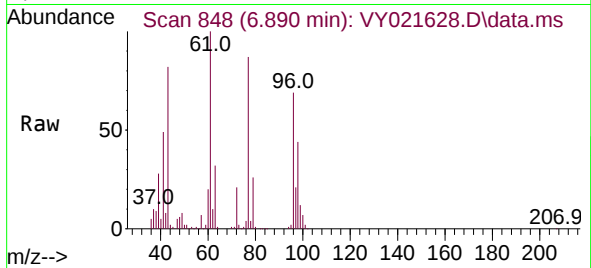




#27
 cis-1,2-Dichloroethene
 Concen: 50.485 ug/l
 RT: 6.890 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: VY021628.D
 Acq: 25 Mar 2025 11:31

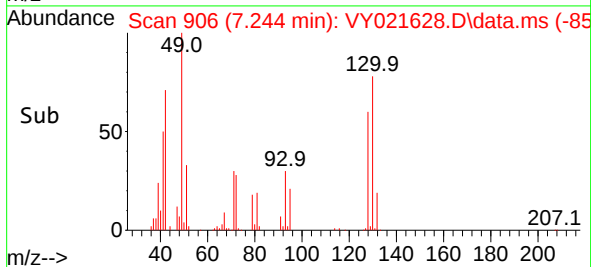
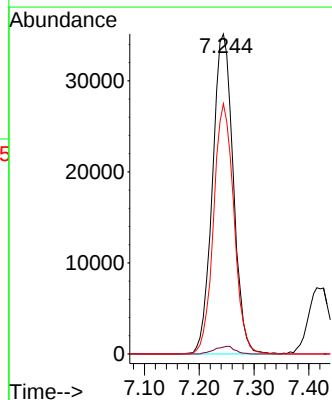
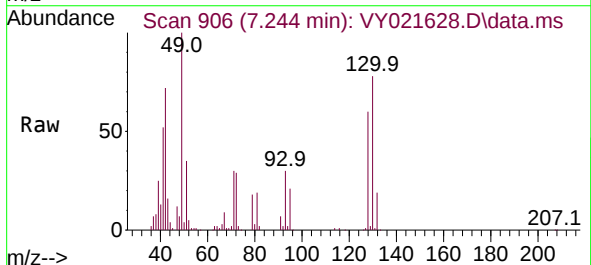
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

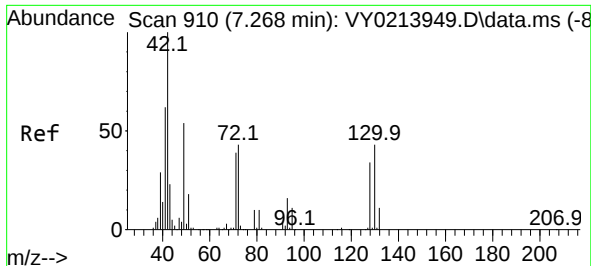
Tgt Ion: 96 Resp: 137581
 Ion Ratio Lower Upper
 96 100
 61 148.5 0.0 300.8
 98 64.9 0.0 130.0



#28
 Bromochloromethane
 Concen: 50.106 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY021628.D
 Acq: 25 Mar 2025 11:31

Tgt Ion: 49 Resp: 92488
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.2
 130 76.4 59.6 89.4





#29

Tetrahydrofuran

Concen: 235.277 ug/l

RT: 7.256 min Scan# 90

Delta R.T. -0.012 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

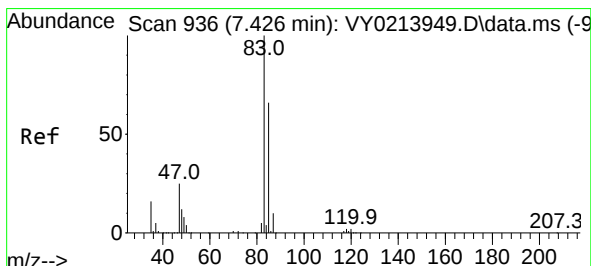
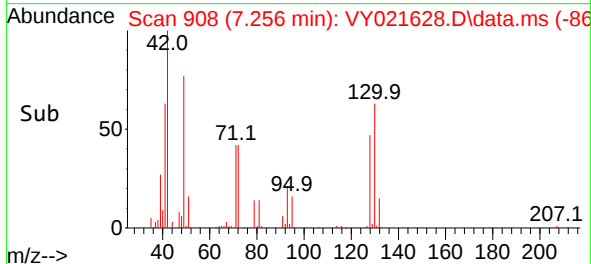
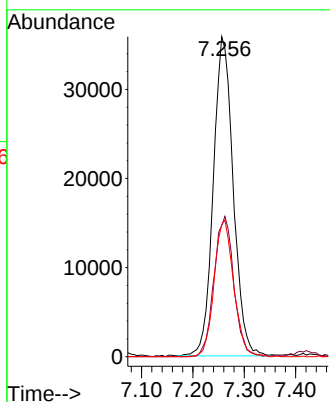
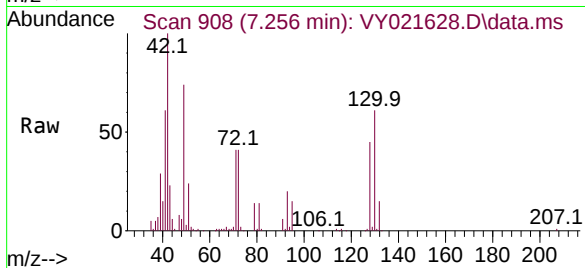
Tgt Ion: 42 Resp: 96584

Ion Ratio Lower Upper

42 100

72 43.7 34.8 52.2

71 42.0 32.6 48.8



#30

Chloroform

Concen: 50.705 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY021628.D

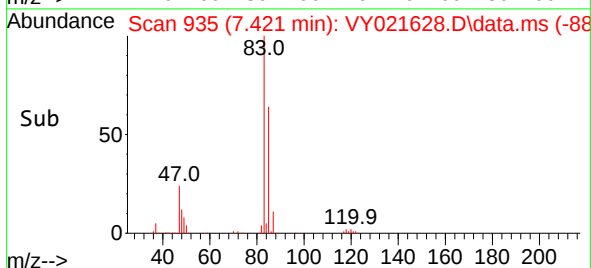
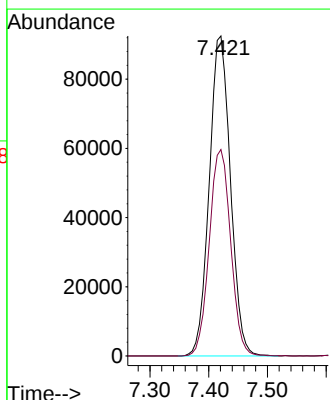
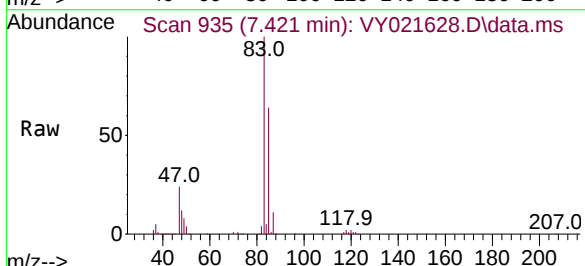
Acq: 25 Mar 2025 11:31

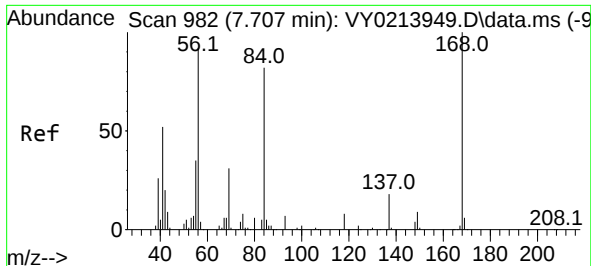
Tgt Ion: 83 Resp: 231820

Ion Ratio Lower Upper

83 100

85 64.5 53.1 79.7





#31

Cyclohexane

Concen: 45.400 ug/l

RT: 7.701 min Scan# 982

Delta R.T. -0.006 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

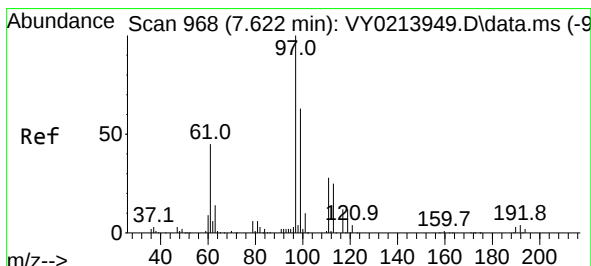
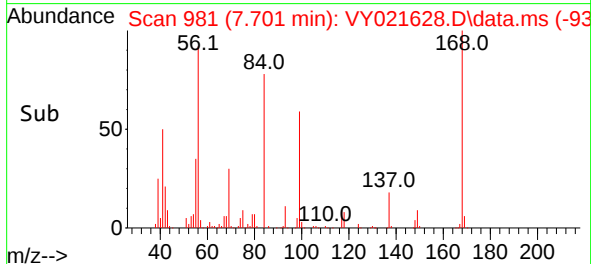
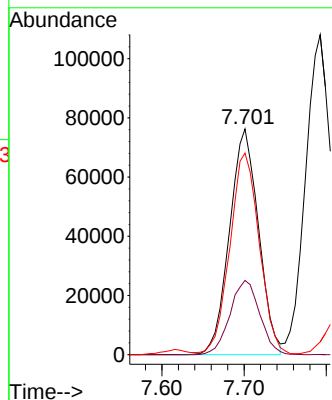
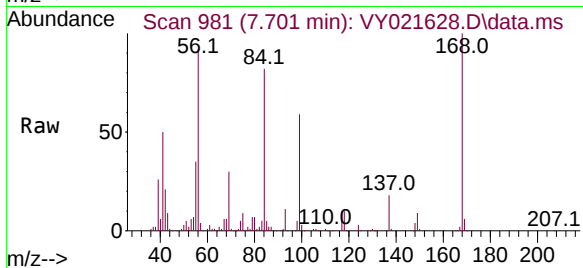
Tgt Ion: 56 Resp: 187396

Ion Ratio Lower Upper

56 100

69 32.9 27.0 40.4

84 87.4 71.1 106.7



#32

1,1,1-Trichloroethane

Concen: 50.923 ug/l

RT: 7.616 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

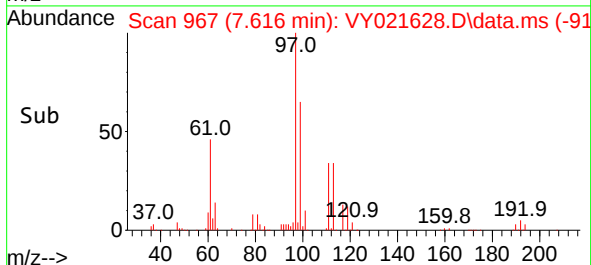
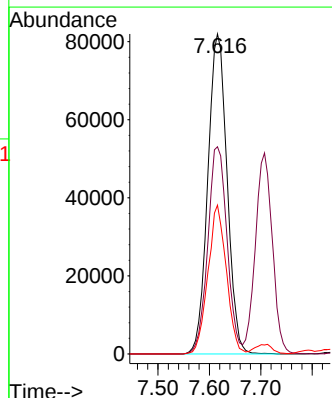
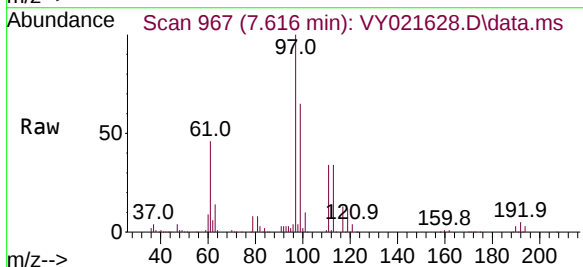
Tgt Ion: 97 Resp: 213175

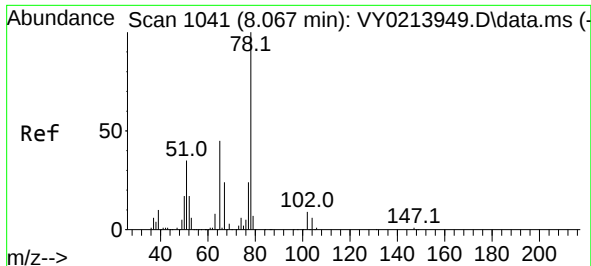
Ion Ratio Lower Upper

97 100

99 64.9 51.7 77.5

61 44.6 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 52.228 ug/l

RT: 8.061 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

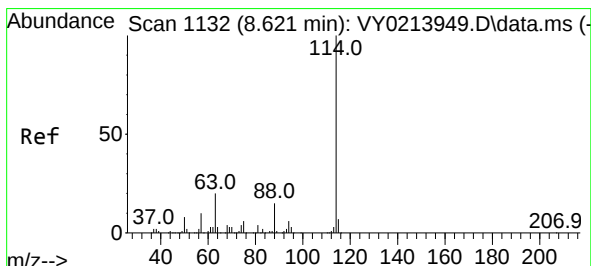
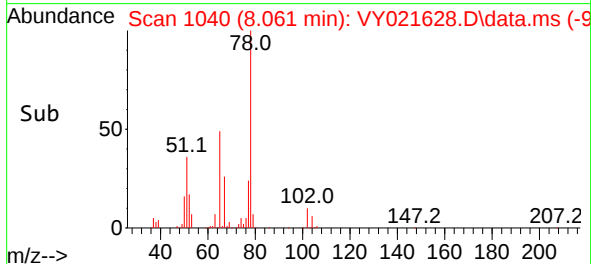
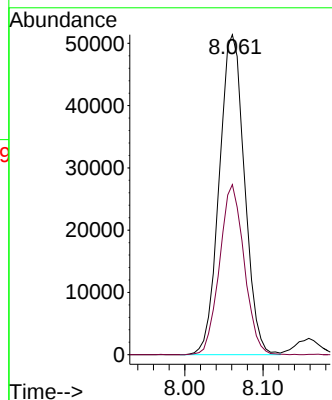
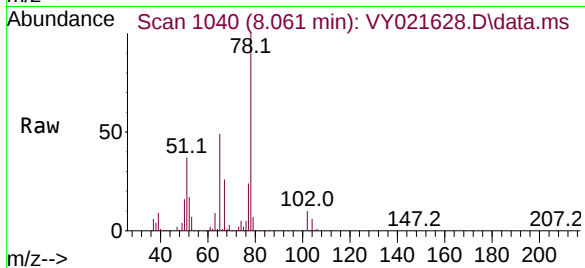
VSTDCCC050

Tgt Ion: 65 Resp: 115109

Ion Ratio Lower Upper

65 100

67 51.7 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: VY021628.D

Acq: 25 Mar 2025 11:31

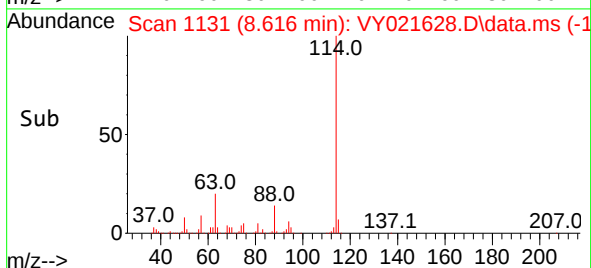
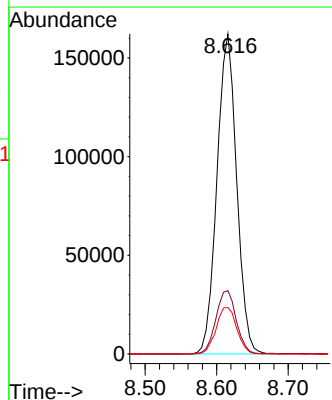
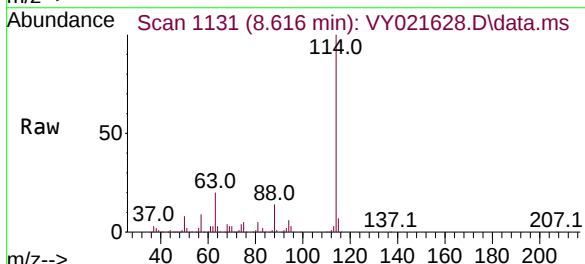
Tgt Ion:114 Resp: 310165

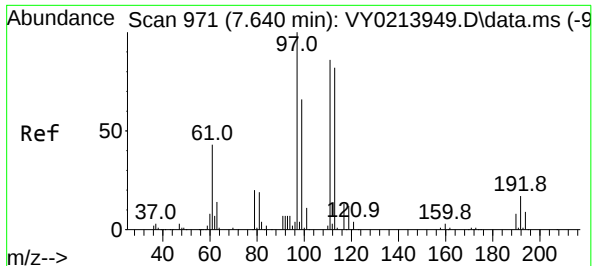
Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.8

88 14.5 0.0 30.8





#35

Dibromofluoromethane

Concen: 56.399 ug/l

RT: 7.628 min Scan# 9

Delta R.T. -0.012 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

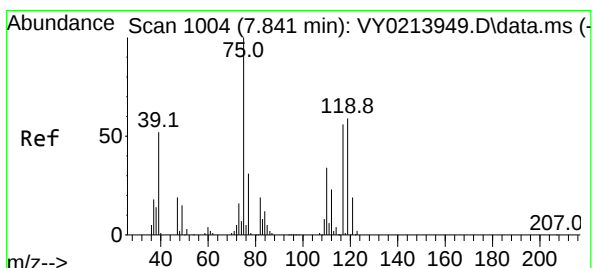
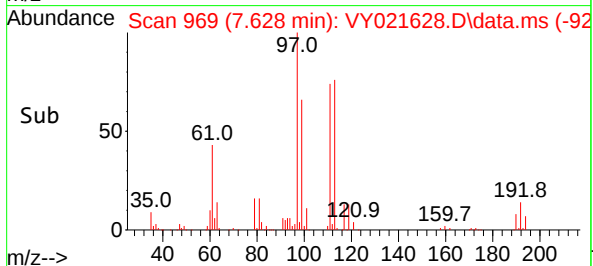
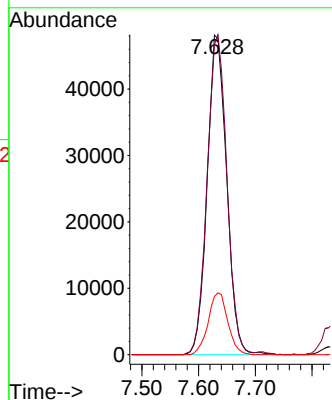
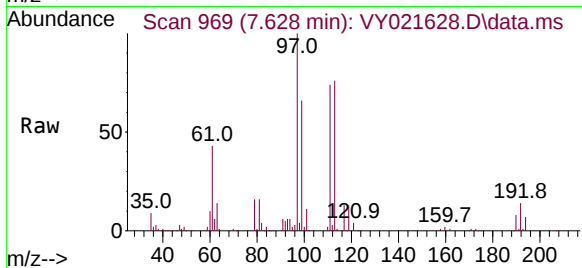
Tgt Ion:113 Resp: 114984

Ion Ratio Lower Upper

113 100

111 101.5 82.0 123.0

192 19.5 15.9 23.9



#36

1,1-Dichloropropene

Concen: 51.340 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

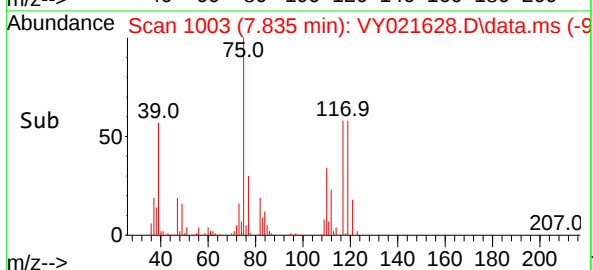
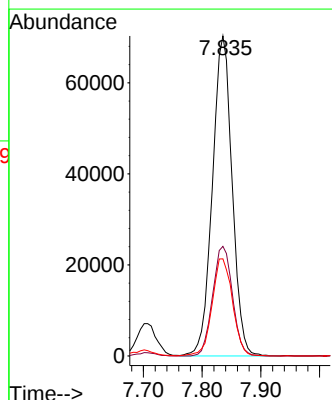
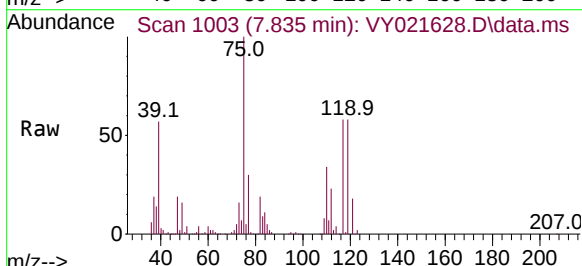
Tgt Ion: 75 Resp: 163842

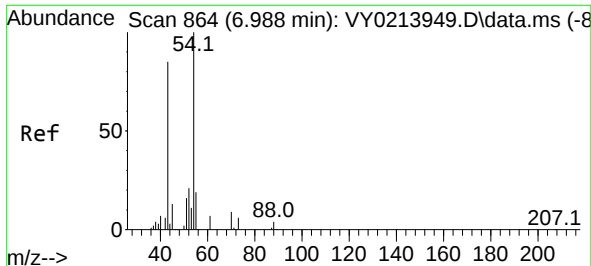
Ion Ratio Lower Upper

75 100

110 34.4 17.3 51.7

77 31.4 25.4 38.2





#37

Ethyl Acetate

Concen: 48.679 ug/l

RT: 6.982 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

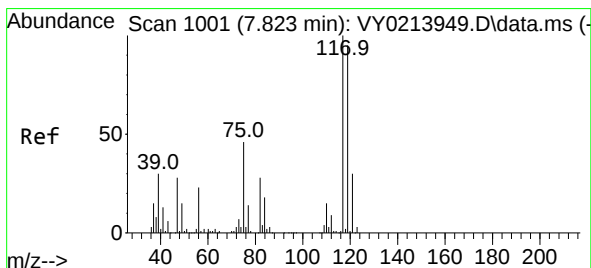
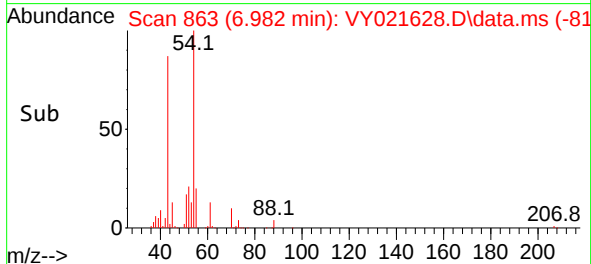
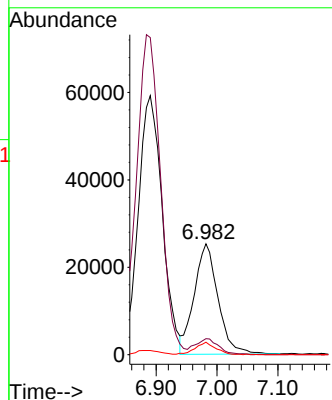
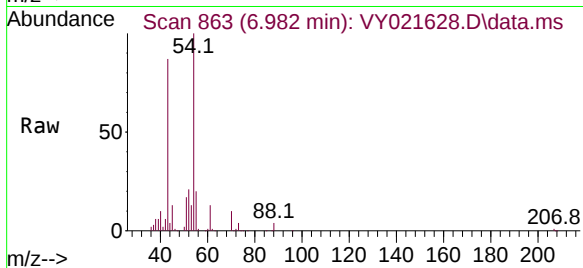
Tgt Ion: 43 Resp: 68663

Ion Ratio Lower Upper

43 100

61 14.2 11.4 17.0

70 9.8 8.2 12.2



#38

Carbon Tetrachloride

Concen: 53.591 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

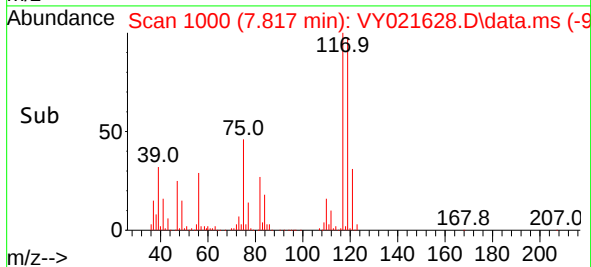
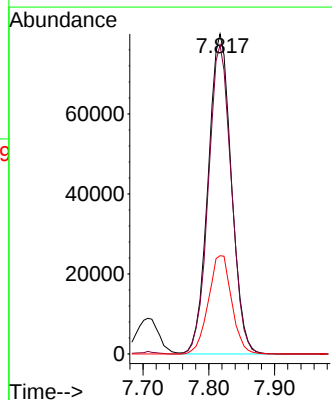
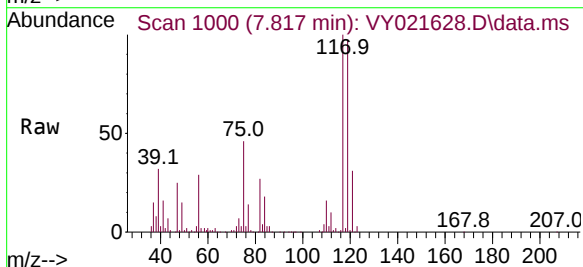
Tgt Ion: 117 Resp: 196693

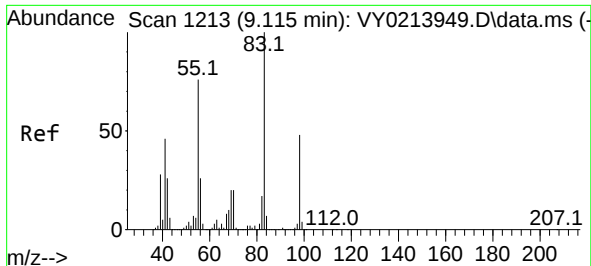
Ion Ratio Lower Upper

117 100

119 96.5 75.8 113.8

121 30.7 23.9 35.9

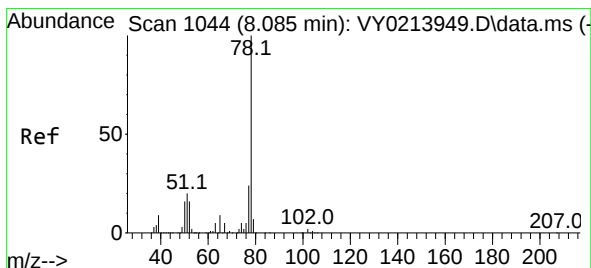
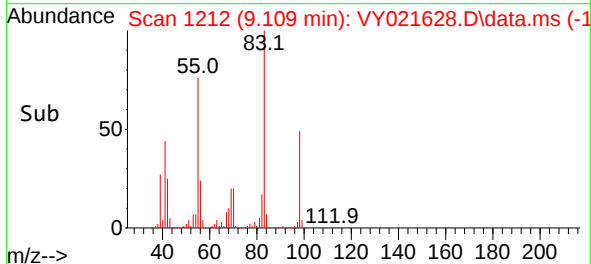
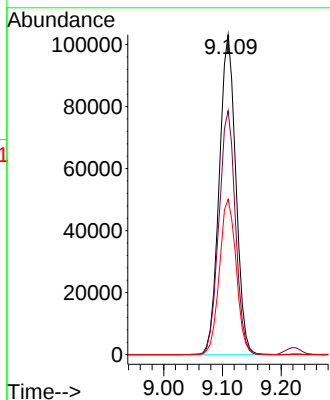
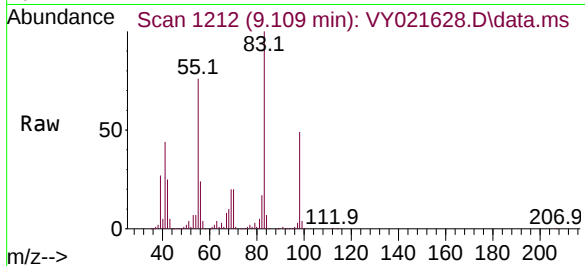




#39
Methylcyclohexane
Concen: 51.675 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

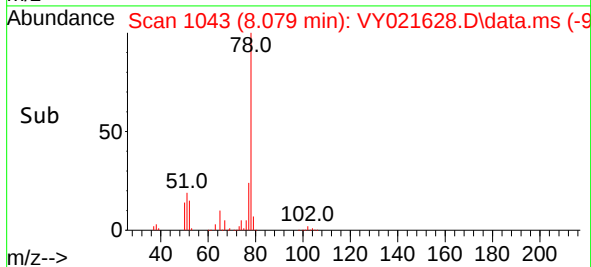
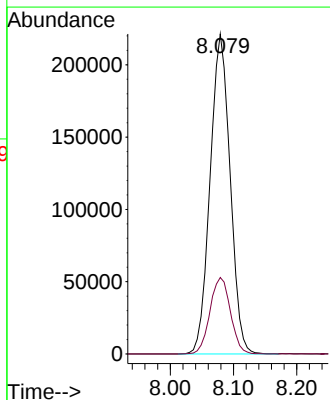
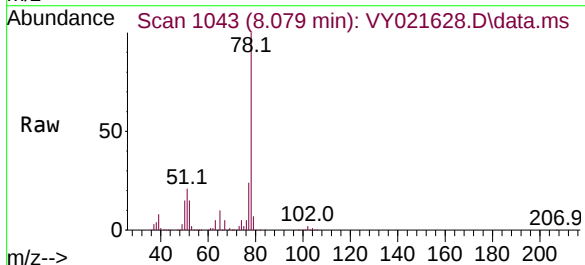
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

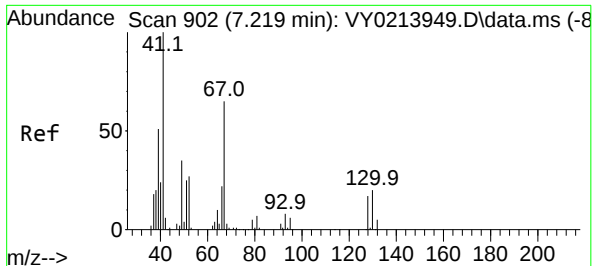
Tgt Ion: 83 Resp: 202283
Ion Ratio Lower Upper
83 100
55 76.3 60.7 91.1
98 48.6 38.6 57.8



#40
Benzene
Concen: 51.644 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

Tgt Ion: 78 Resp: 485497
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4

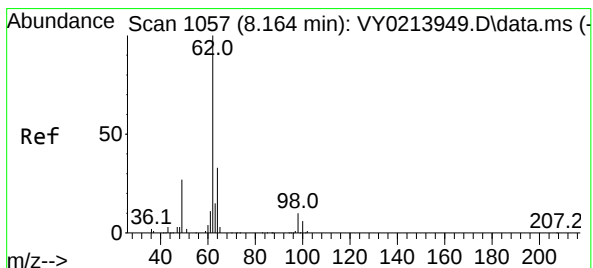
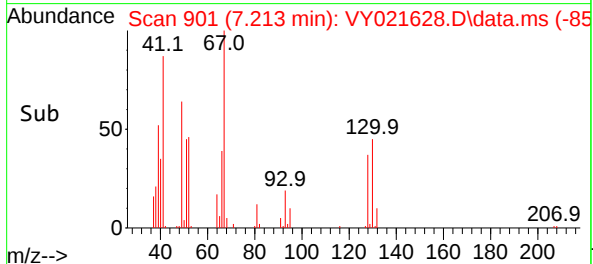
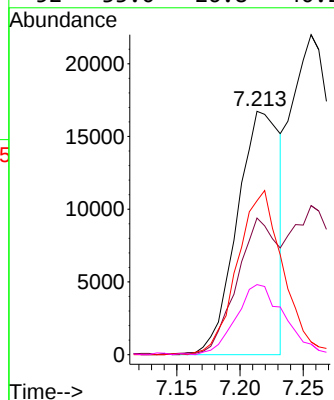
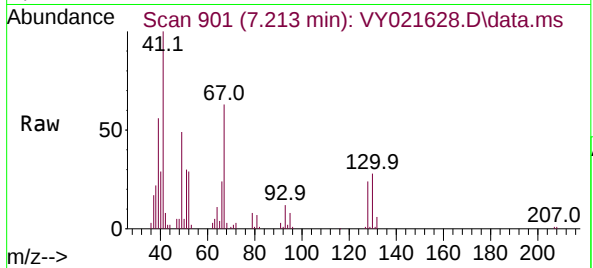




#41
Methacrylonitrile
Concen: 51.156 ug/l
RT: 7.213 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

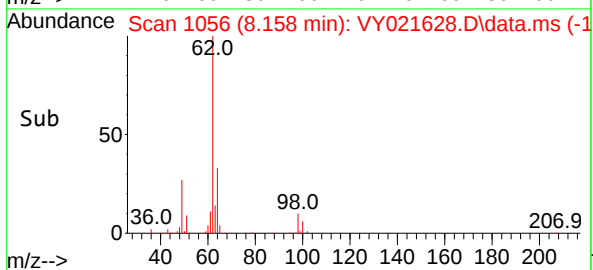
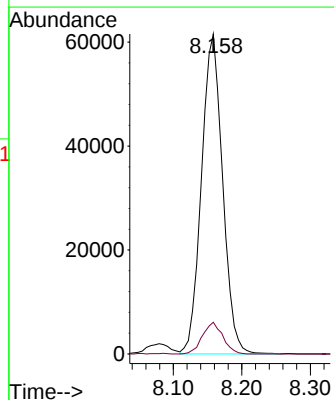
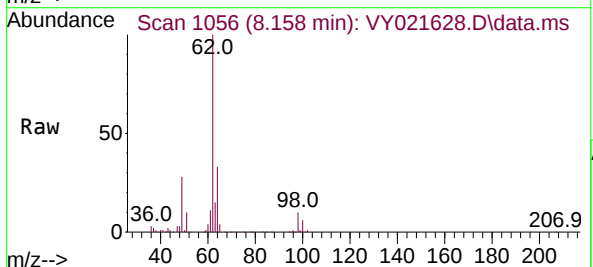
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

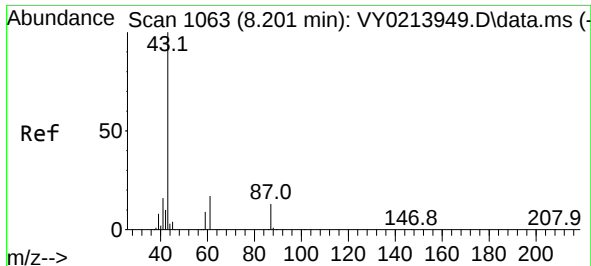
Tgt Ion: 41 Resp: 39289
Ion Ratio Lower Upper
41 100
39 53.8 35.0 52.6#
67 72.7 61.2 91.8
52 33.0 26.8 40.2



#42
1,2-Dichloroethane
Concen: 50.288 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

Tgt Ion: 62 Resp: 132253
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.2

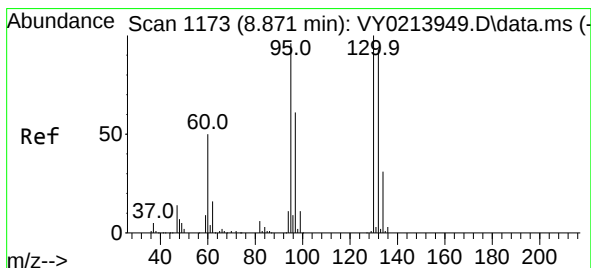
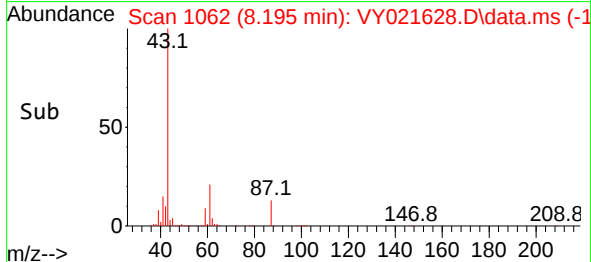
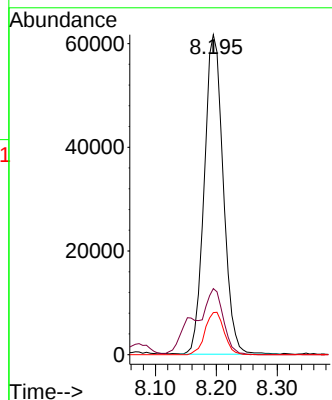
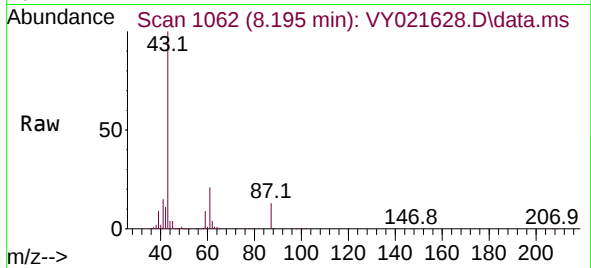




#43
Isopropyl Acetate
Concen: 48.593 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

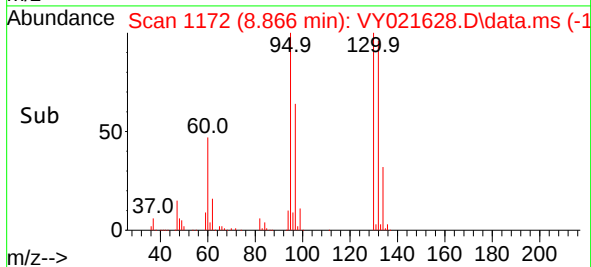
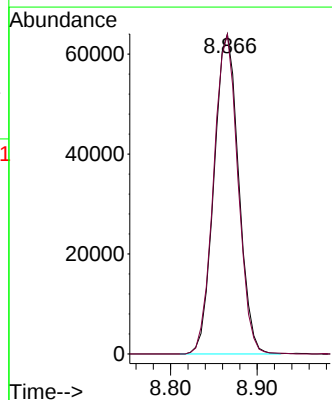
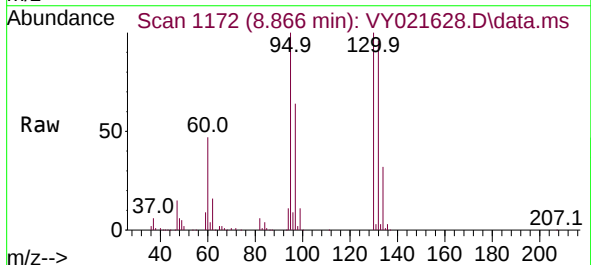
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

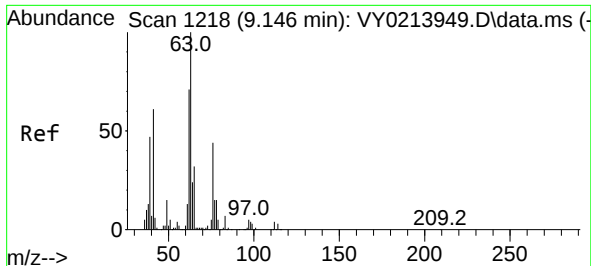
Tgt Ion: 43 Resp: 133055
Ion Ratio Lower Upper
43 100
61 20.3 23.4 35.0#
87 13.3 10.5 15.7



#44
Trichloroethene
Concen: 53.070 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

Tgt Ion:130 Resp: 126073
Ion Ratio Lower Upper
130 100
95 99.9 0.0 191.6





#45

1,2-Dichloropropane

Concen: 52.938 ug/l

RT: 9.140 min Scan# 118445

Delta R.T. -0.006 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

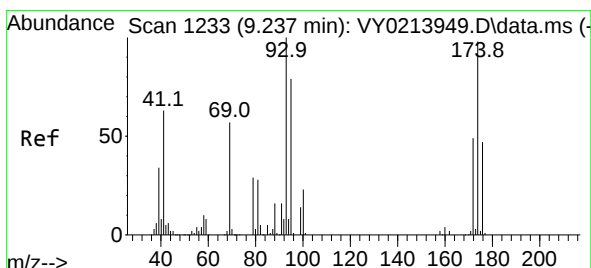
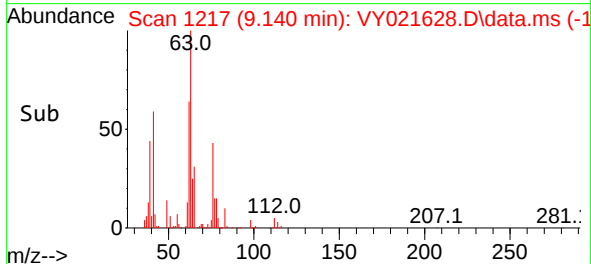
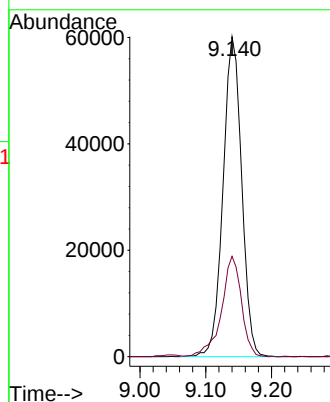
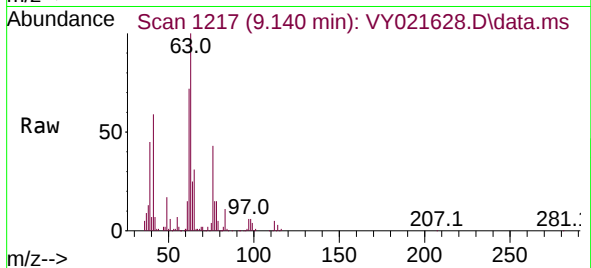
VSTDCCC050

Tgt Ion: 63 Resp: 118445

Ion Ratio Lower Upper

63 100

65 31.3 26.0 39.0



#46

Dibromomethane

Concen: 51.326 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

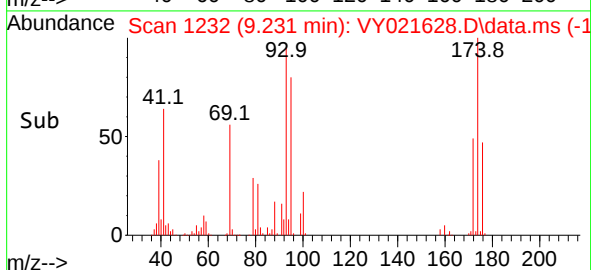
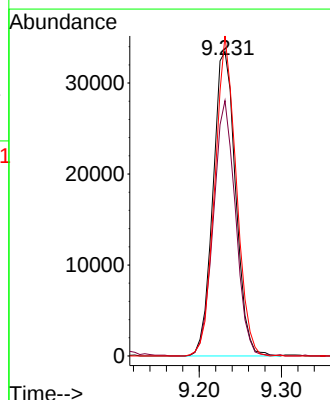
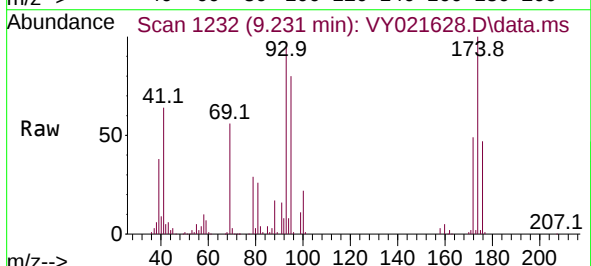
Tgt Ion: 93 Resp: 63897

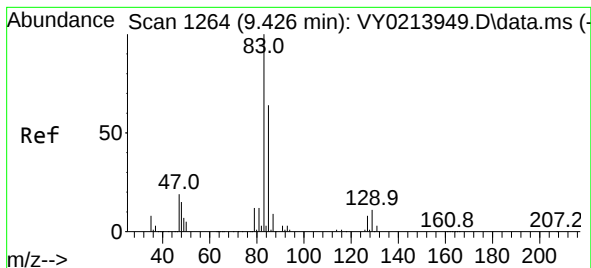
Ion Ratio Lower Upper

93 100

95 81.8 65.8 98.8

174 99.7 77.9 116.9





#47

Bromodichloromethane

Concen: 53.063 ug/l

RT: 9.420 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

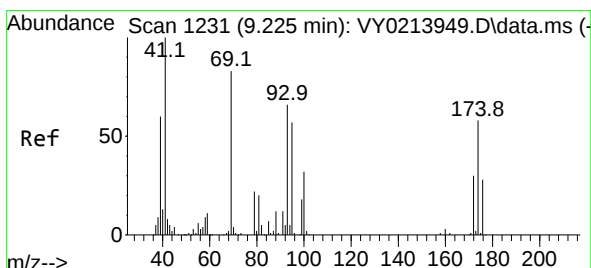
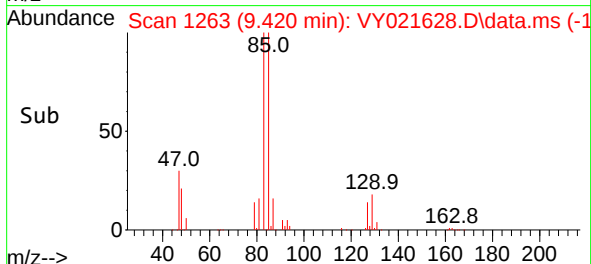
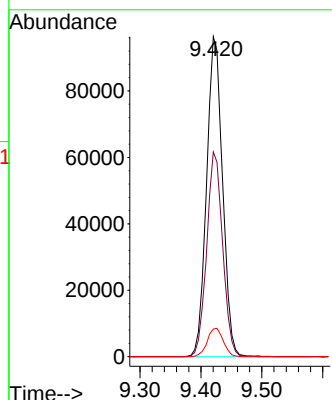
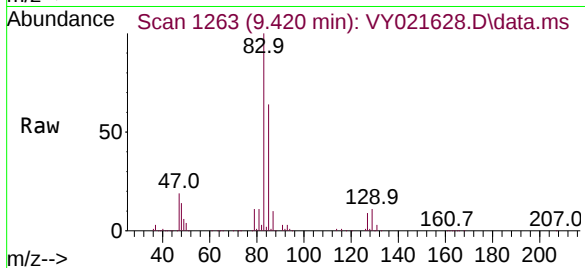
Tgt Ion: 83 Resp: 175430

Ion Ratio Lower Upper

83 100

85 64.0 51.1 76.7

127 8.7 6.7 10.1



#48

Methyl methacrylate

Concen: 51.952 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.006 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

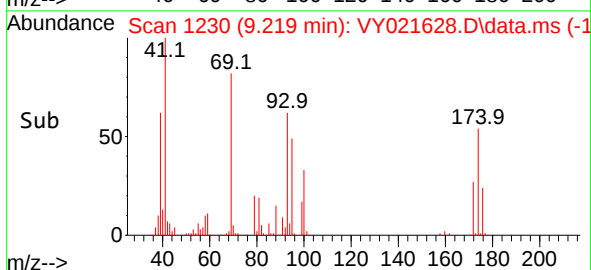
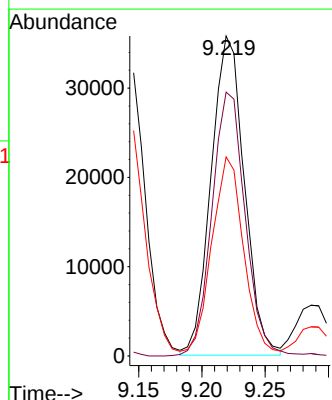
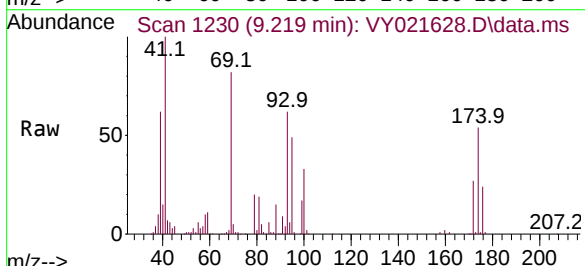
Tgt Ion: 41 Resp: 65322

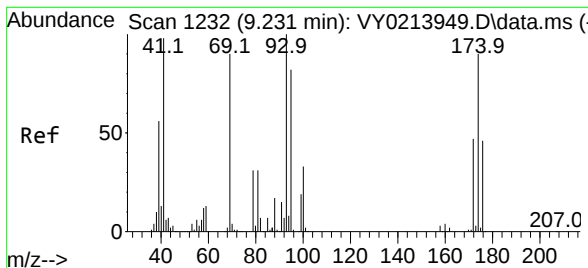
Ion Ratio Lower Upper

41 100

69 83.0 67.8 101.8

39 57.3 46.4 69.6





#49

1,4-Dioxane

Concen: 1132.801 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

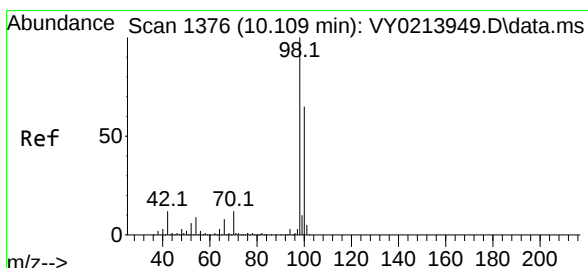
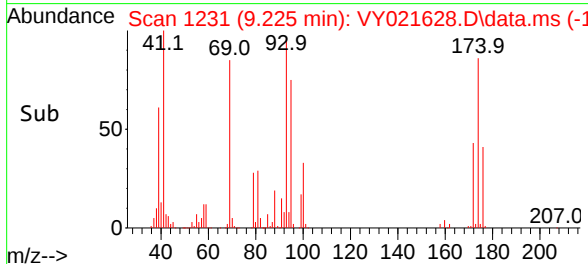
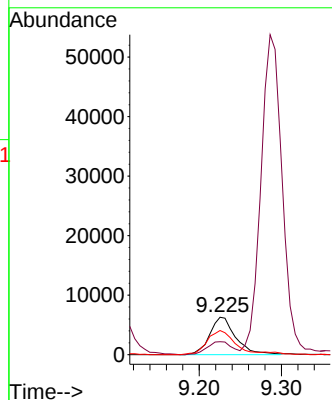
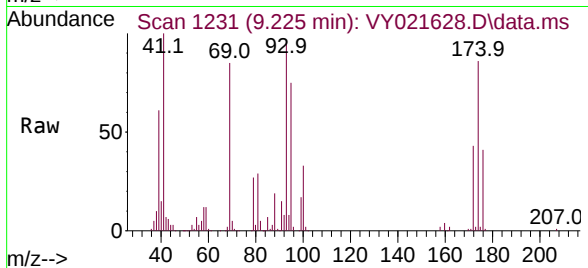
Tgt Ion: 88 Resp: 13842

Ion Ratio Lower Upper

88 100

43 33.6 25.0 37.4

58 67.7 58.4 87.6



#50

Toluene-d8

Concen: 55.553 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021628.D

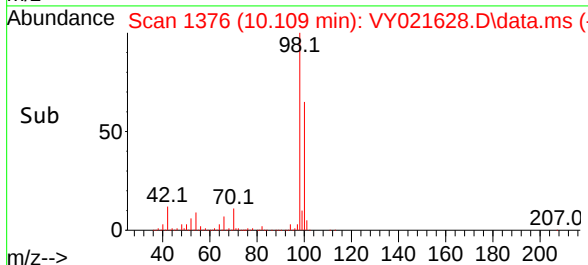
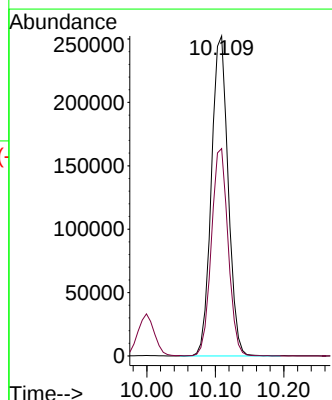
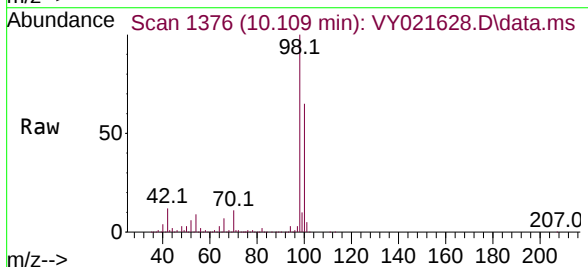
Acq: 25 Mar 2025 11:31

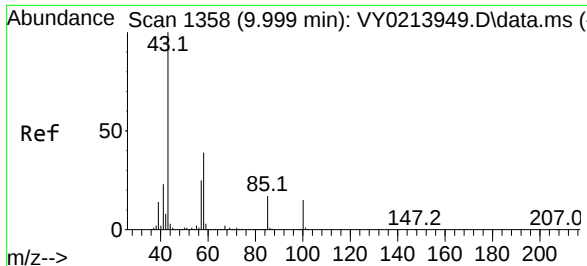
Tgt Ion: 98 Resp: 428835

Ion Ratio Lower Upper

98 100

100 64.8 52.1 78.1

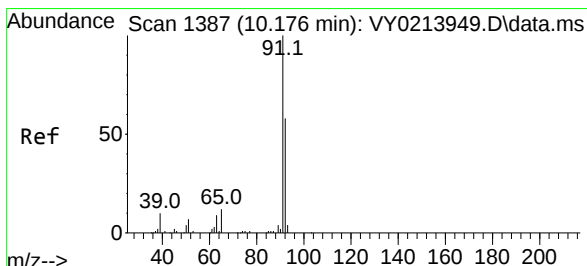
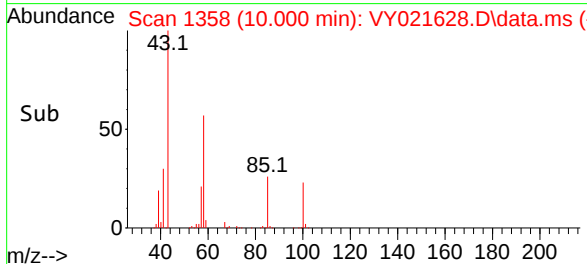
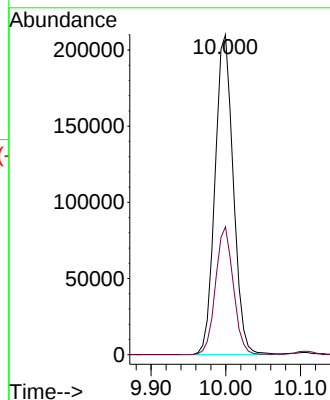
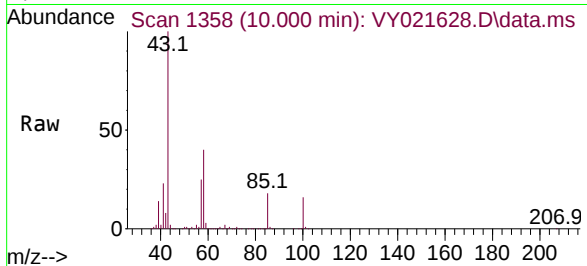




#51
4-Methyl-2-Pentanone
Concen: 252.958 ug/l
RT: 10.000 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

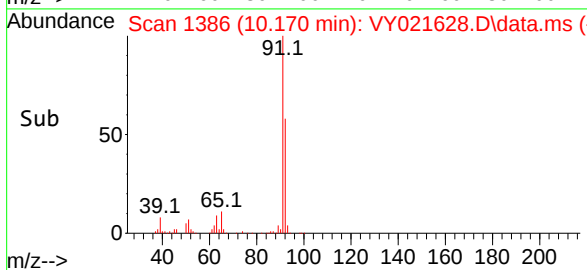
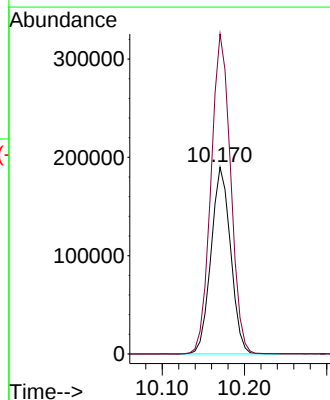
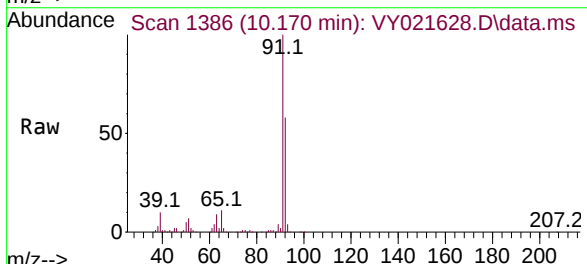
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

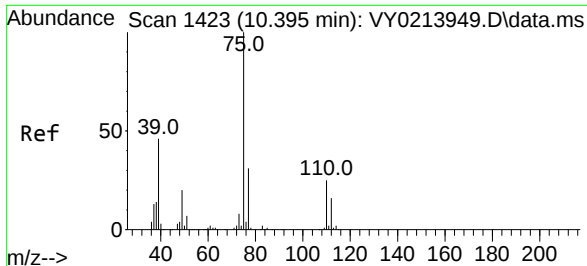
Tgt Ion: 43 Resp: 357380
Ion Ratio Lower Upper
43 100
58 39.0 31.4 47.2



#52
Toluene
Concen: 52.890 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

Tgt Ion: 92 Resp: 313470
Ion Ratio Lower Upper
92 100
91 172.7 138.2 207.2





#53

t-1,3-Dichloropropene

Concen: 52.794 ug/l

RT: 10.396 min Scan# 1423

Delta R.T. 0.000 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

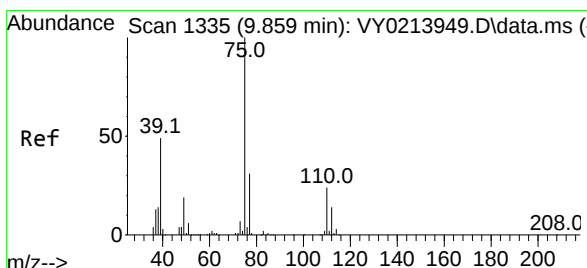
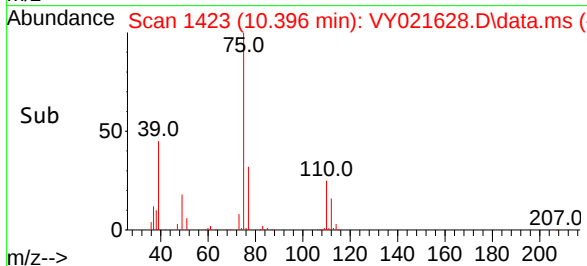
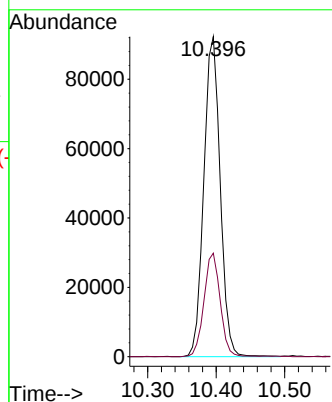
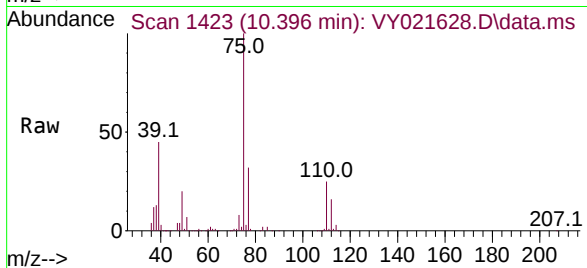
VSTDCCC050

Tgt Ion: 75 Resp: 153774

Ion Ratio Lower Upper

75 100

77 32.4 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 52.104 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. 0.000 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

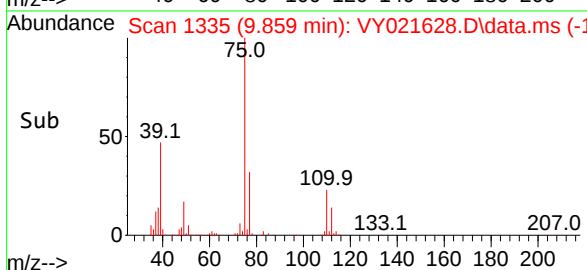
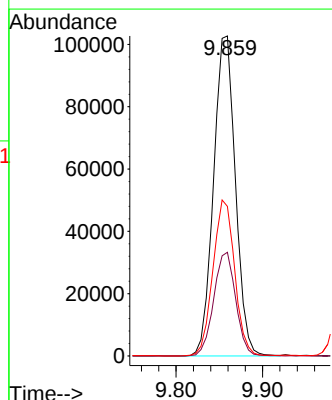
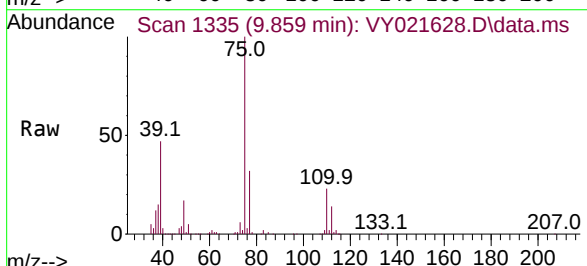
Tgt Ion: 75 Resp: 180186

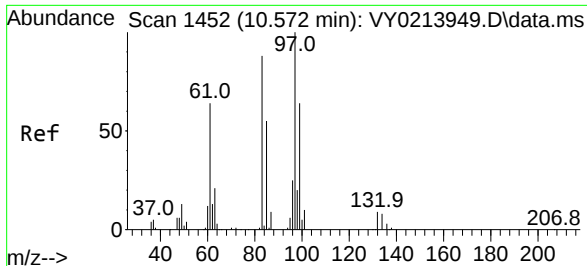
Ion Ratio Lower Upper

75 100

77 32.4 24.6 37.0

39 46.8 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 52.554 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 85583

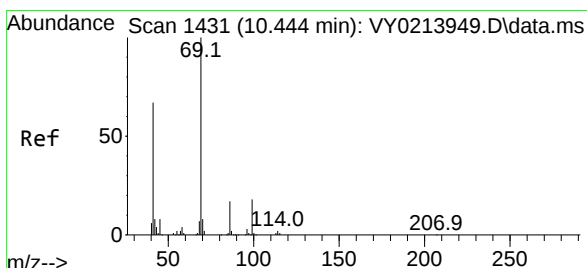
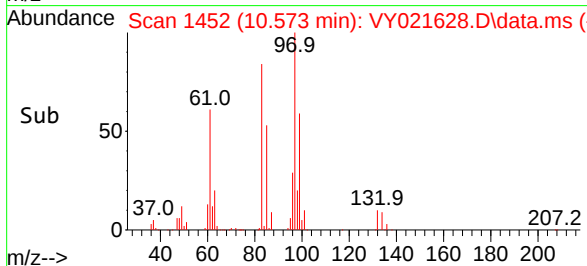
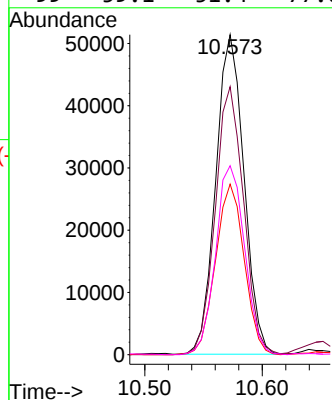
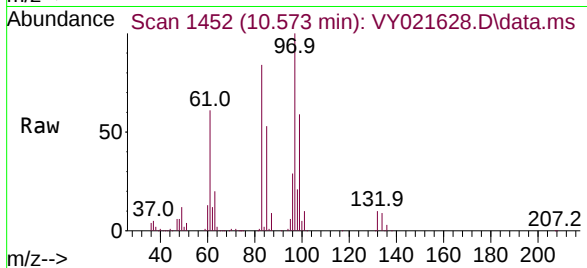
Ion Ratio Lower Upper

97 100

83 83.7 70.0 105.0

85 53.4 44.3 66.5

99 59.1 51.4 77.0



#56

Ethyl methacrylate

Concen: 52.374 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

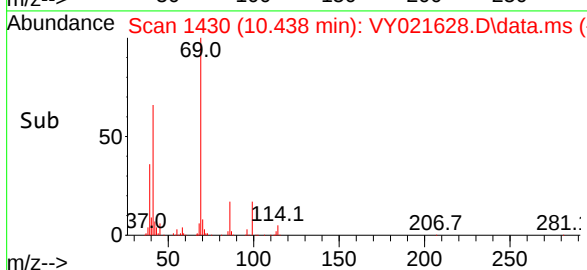
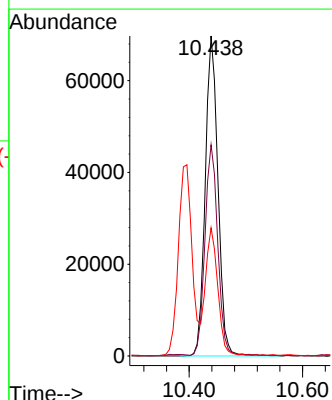
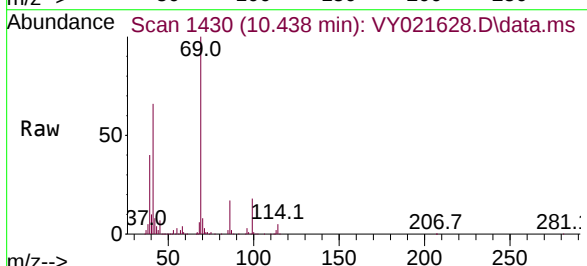
Tgt Ion: 69 Resp: 108774

Ion Ratio Lower Upper

69 100

41 66.1 53.3 79.9

39 37.6 31.0 46.6





#57

1,3-Dichloropropane

Concen: 51.256 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

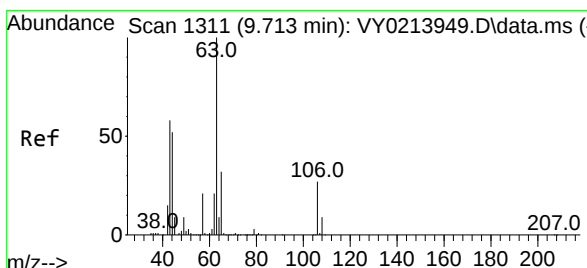
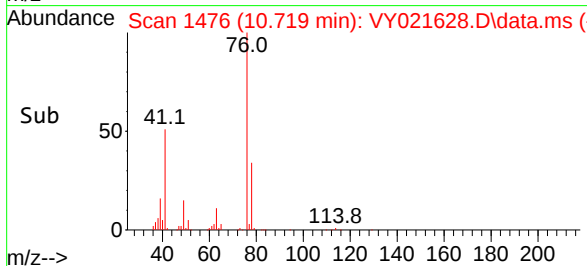
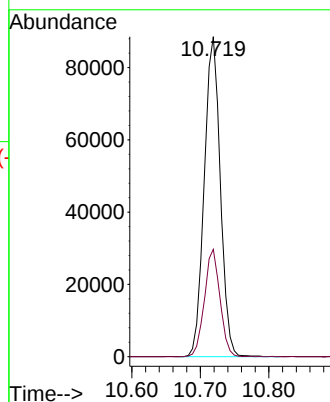
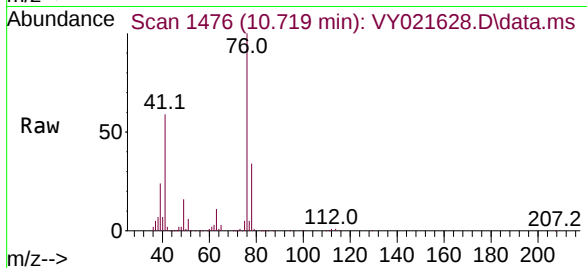
VSTDCCC050

Tgt Ion: 76 Resp: 144667

Ion Ratio Lower Upper

76 100

78 32.5 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 262.508 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021628.D

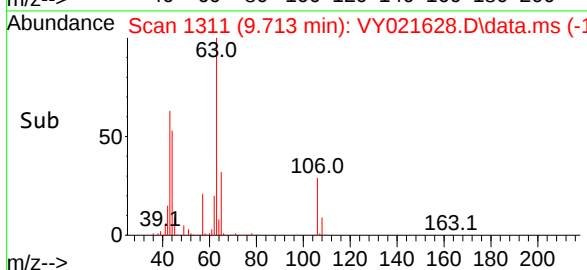
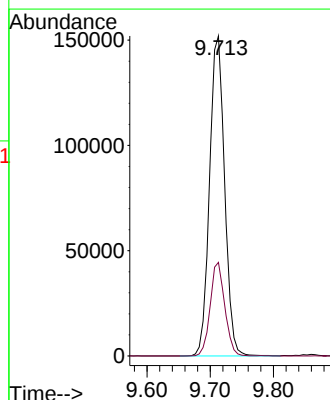
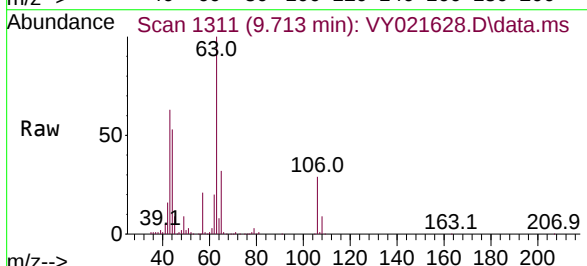
Acq: 25 Mar 2025 11:31

Tgt Ion: 63 Resp: 251677

Ion Ratio Lower Upper

63 100

106 28.3 22.1 33.1





#59

2-Hexanone

Concen: 265.418 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

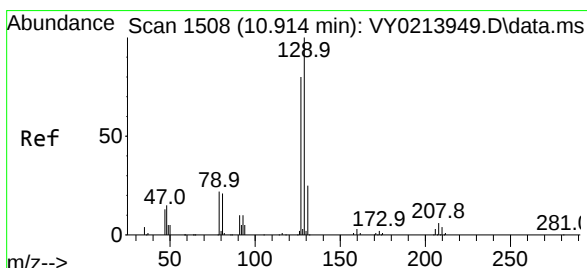
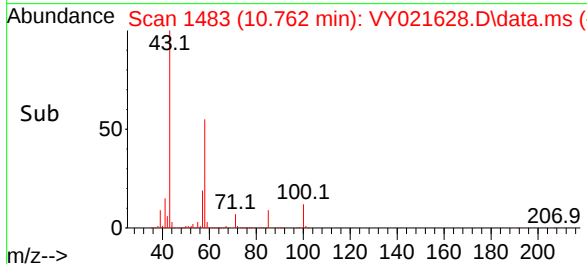
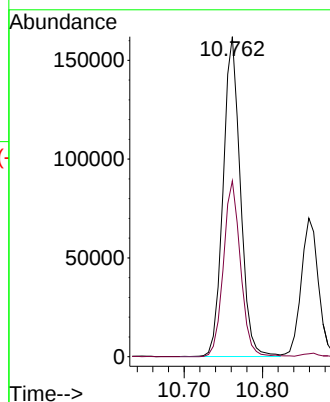
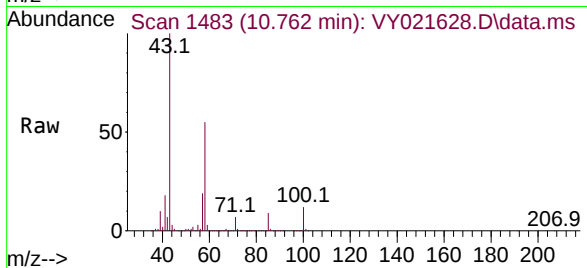
VSTDCCC050

Tgt Ion: 43 Resp: 247948

Ion Ratio Lower Upper

43 100

58 54.6 27.3 81.8



#60

Dibromochloromethane

Concen: 52.288 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.000 min

Lab File: VY021628.D

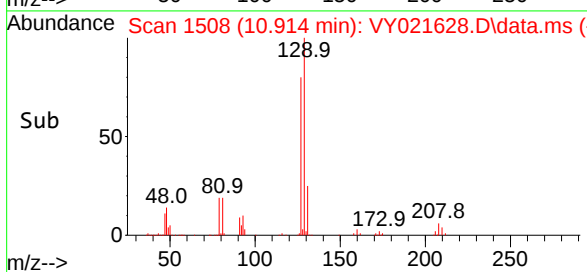
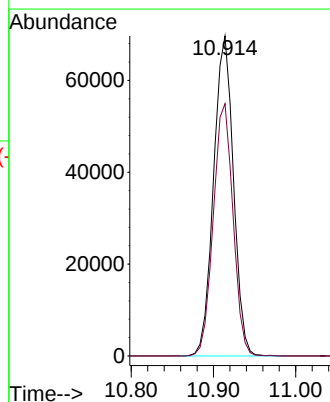
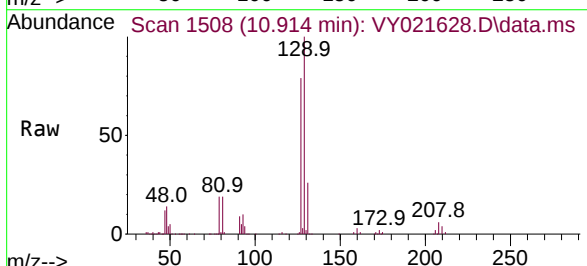
Acq: 25 Mar 2025 11:31

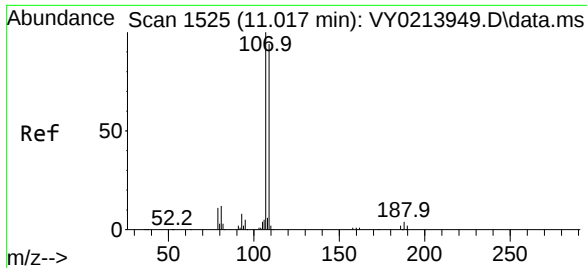
Tgt Ion: 129 Resp: 116734

Ion Ratio Lower Upper

129 100

127 78.5 39.1 117.3

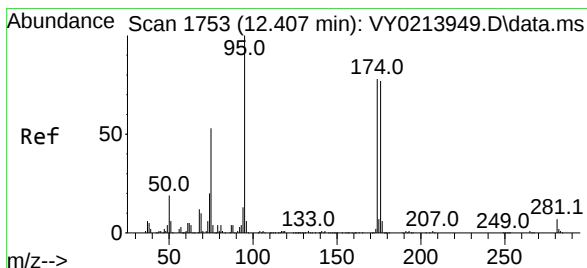
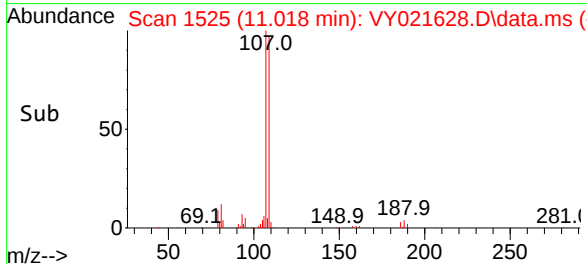
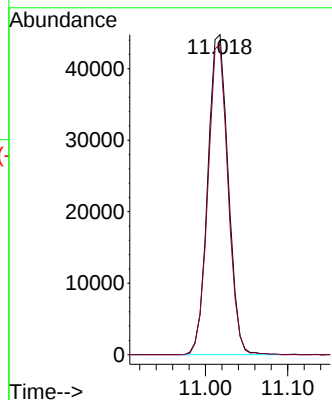
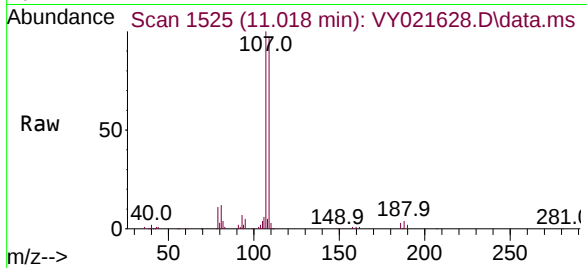




#61
1,2-Dibromoethane
Concen: 50.227 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

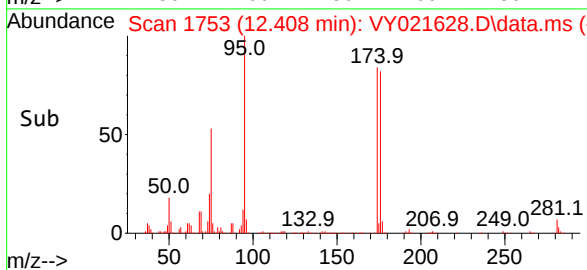
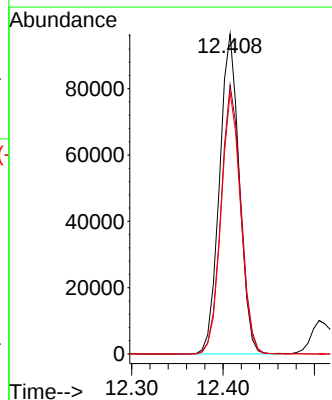
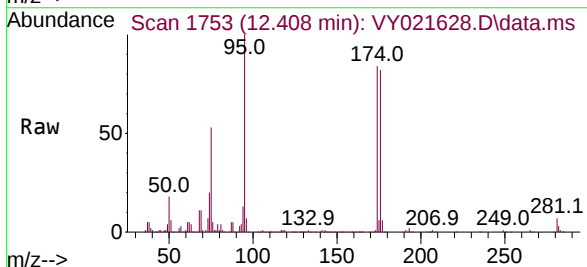
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

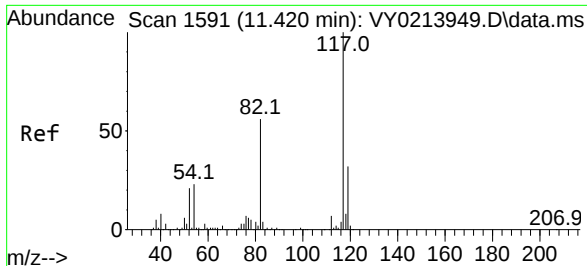
Tgt Ion:107 Resp: 77196
Ion Ratio Lower Upper
107 100
109 95.3 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 55.304 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

Tgt Ion: 95 Resp: 145218
Ion Ratio Lower Upper
95 100
174 84.8 0.0 165.0
176 80.8 0.0 160.0

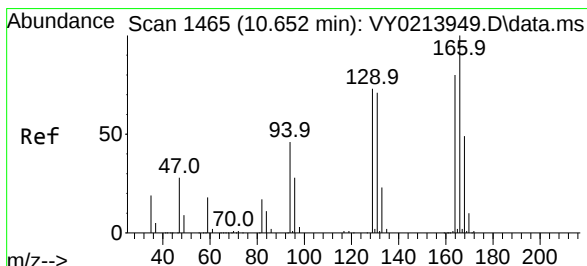
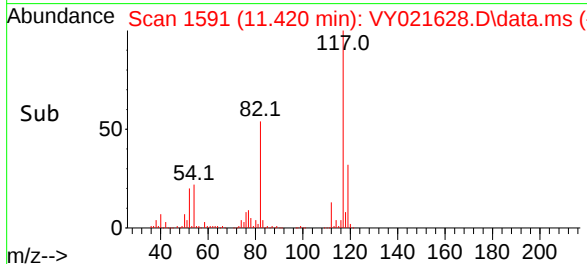
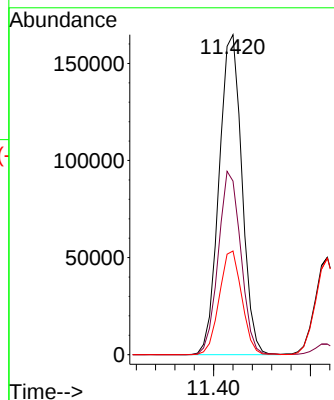
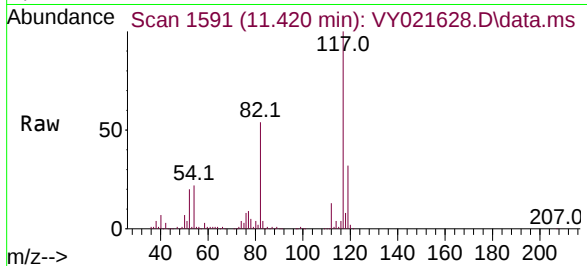




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

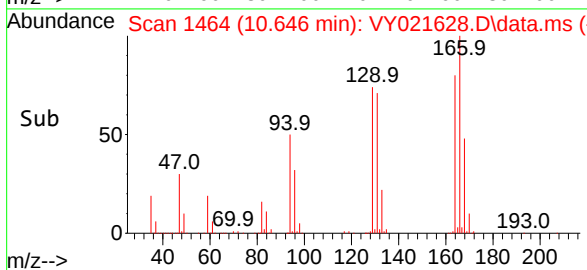
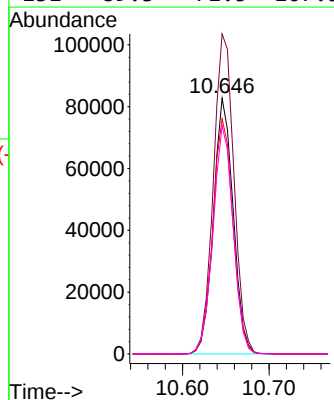
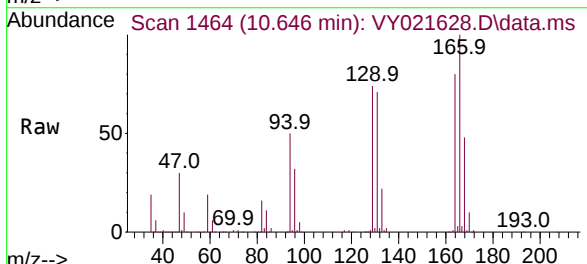
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

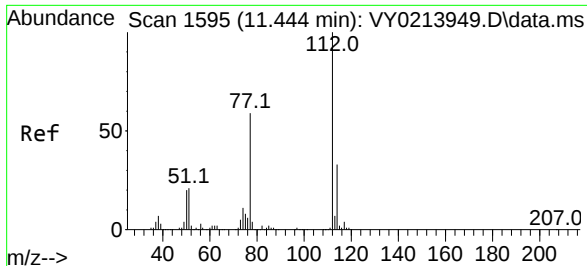
Tgt Ion:117 Resp: 269506
Ion Ratio Lower Upper
117 100
82 54.2 44.6 67.0
119 32.4 25.4 38.0



#64
Tetrachloroethene
Concen: 59.749 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

Tgt Ion:164 Resp: 130942
Ion Ratio Lower Upper
164 100
166 125.2 100.4 150.6
129 92.0 73.8 110.8
131 89.3 71.5 107.3

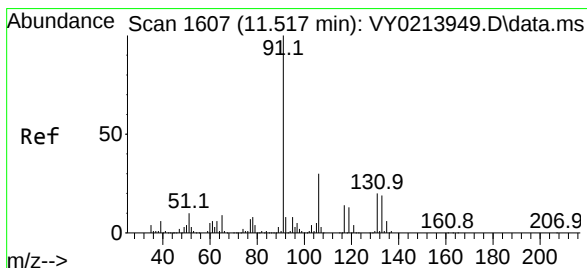
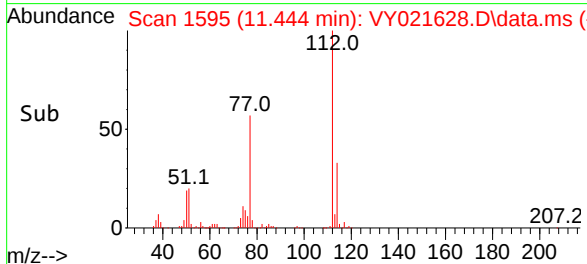
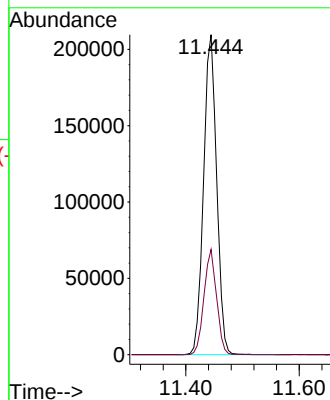
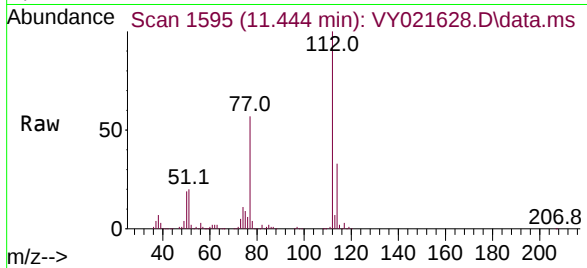




#65
Chlorobenzene
Concen: 52.825 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

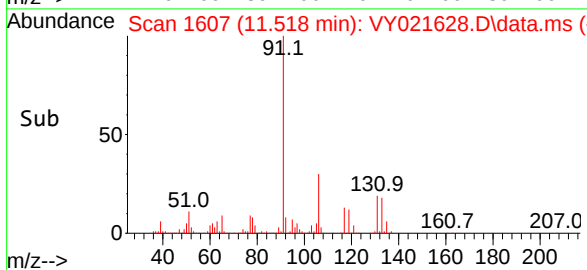
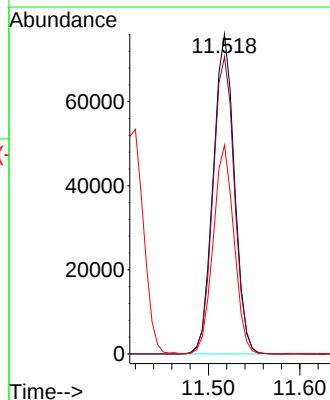
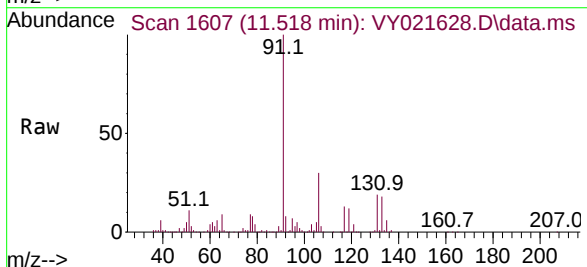
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

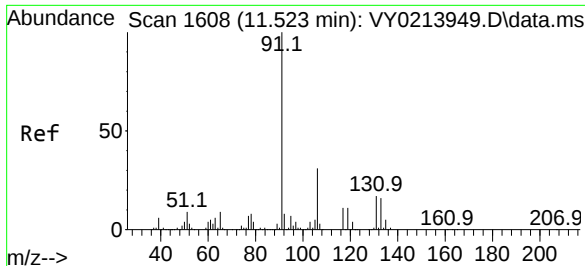
Tgt Ion:112 Resp: 336192
Ion Ratio Lower Upper
112 100
114 32.9 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 54.521 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

Tgt Ion:131 Resp: 122676
Ion Ratio Lower Upper
131 100
133 94.5 47.6 142.9
119 64.1 32.3 96.9





#67

Ethyl Benzene

Concen: 54.162 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

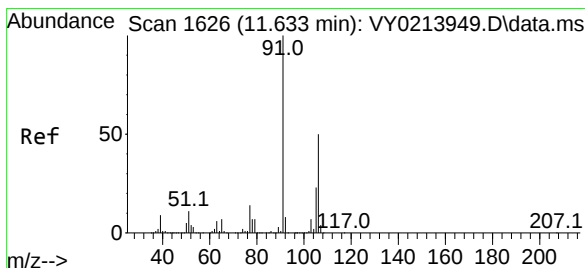
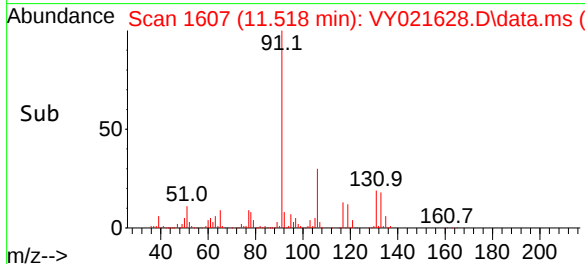
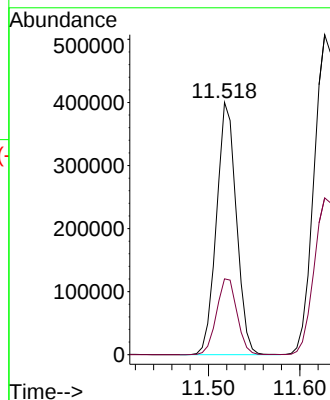
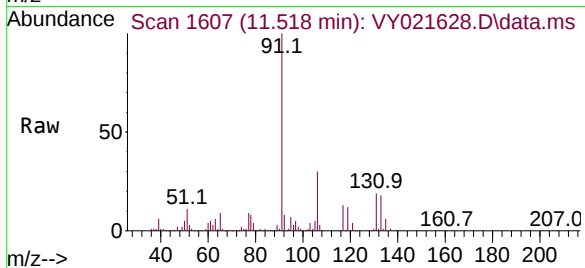
VSTDCCC050

Tgt Ion: 91 Resp: 605019

Ion Ratio Lower Upper

91 100

106 30.1 24.6 36.8



#68

m/p-Xylenes

Concen: 109.365 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021628.D

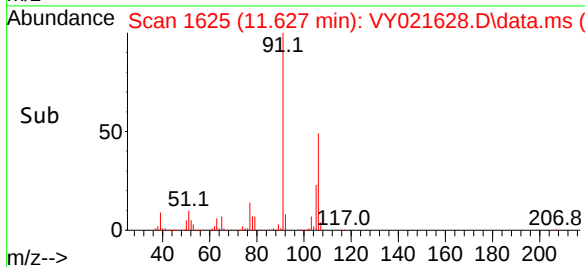
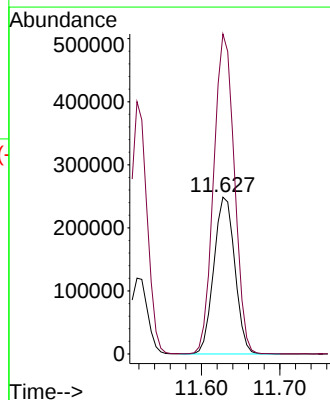
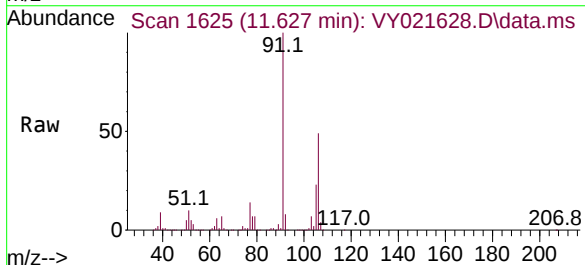
Acq: 25 Mar 2025 11:31

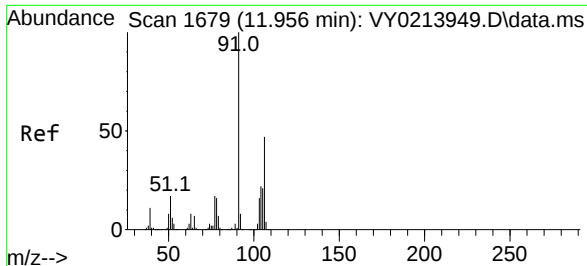
Tgt Ion:106 Resp: 463807

Ion Ratio Lower Upper

106 100

91 201.4 161.7 242.5

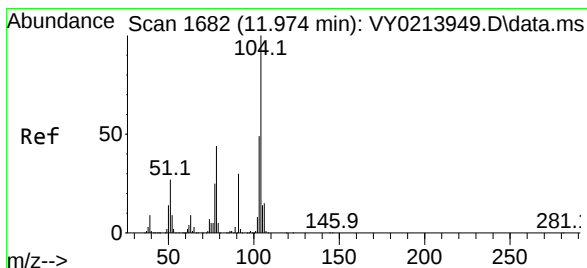
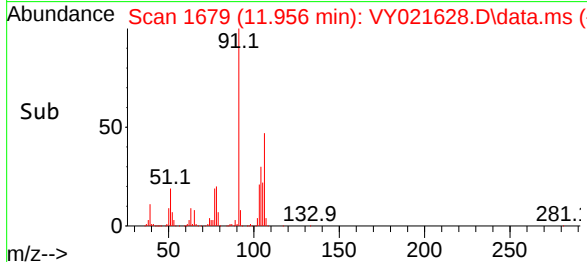
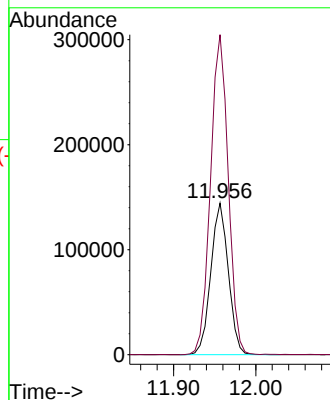
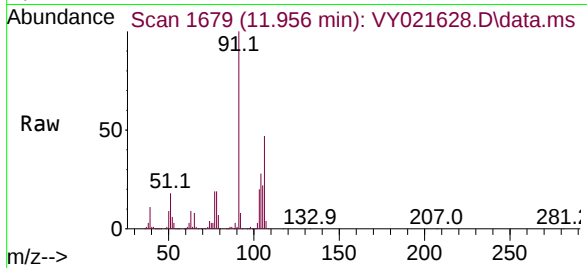




#69
o-Xylene
Concen: 54.602 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

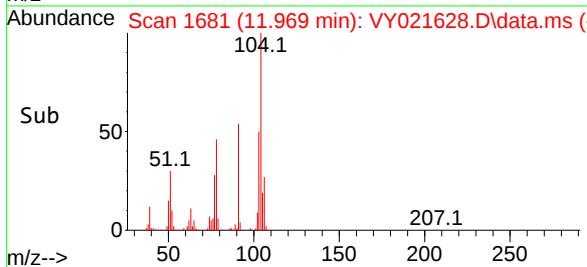
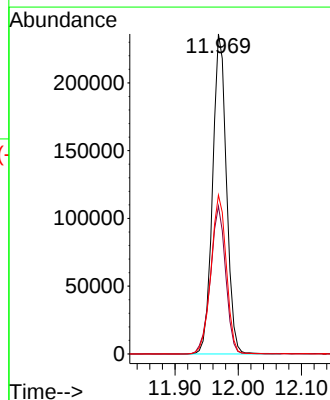
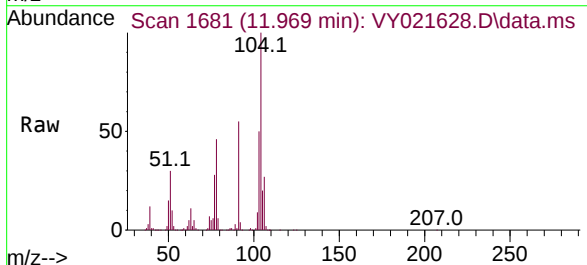
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

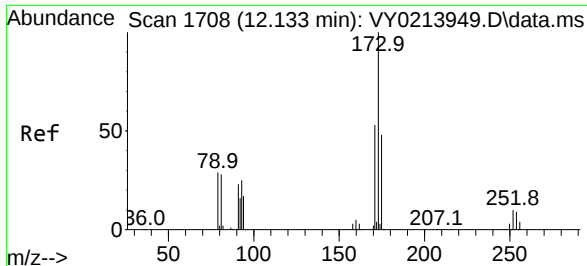
Tgt Ion:106 Resp: 213418
Ion Ratio Lower Upper
106 100
91 214.1 107.6 322.8



#70
Styrene
Concen: 55.578 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

Tgt Ion:104 Resp: 360376
Ion Ratio Lower Upper
104 100
78 50.4 40.7 61.1
103 54.9 44.1 66.1

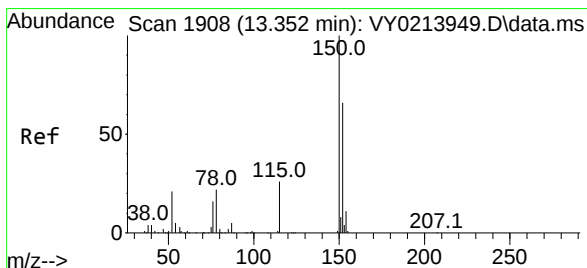
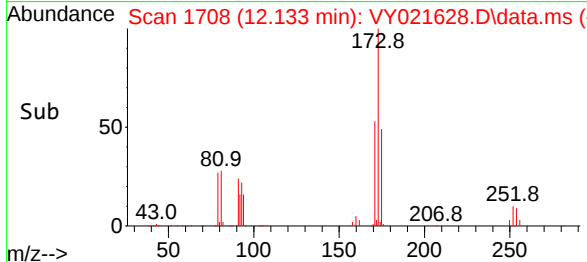
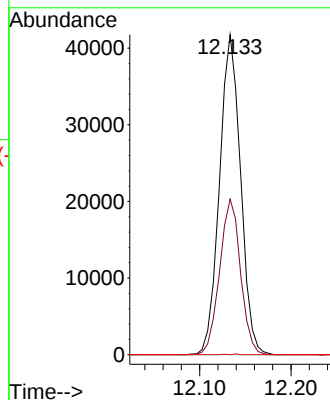
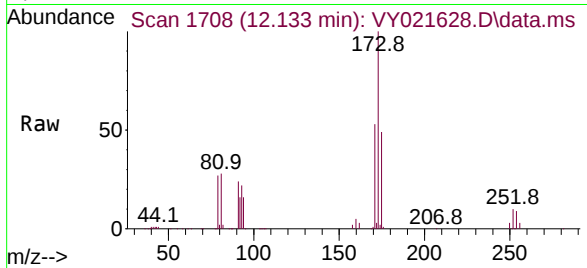




#71
Bromoform
Concen: 53.246 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

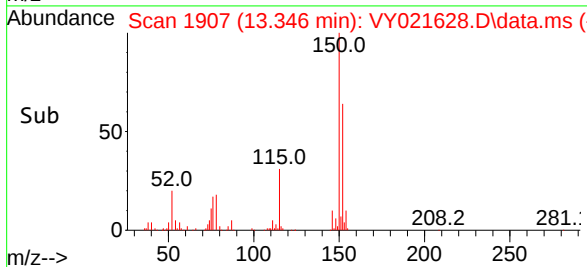
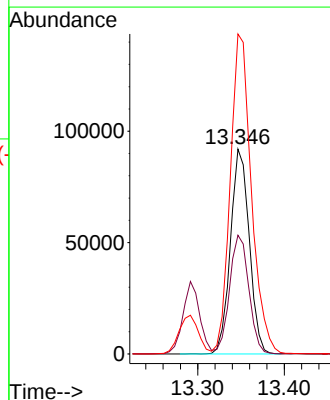
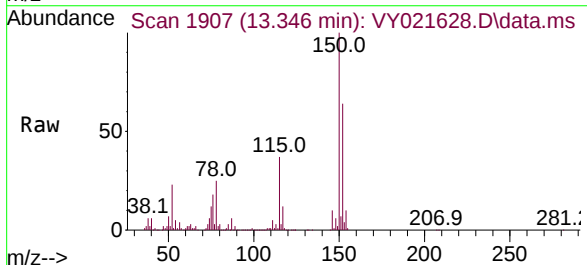
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

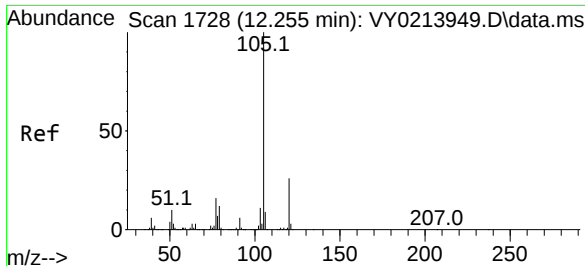
Tgt Ion:173 Resp: 66974
Ion Ratio Lower Upper
173 100
175 48.1 23.9 71.7
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

Tgt Ion:152 Resp: 138648
Ion Ratio Lower Upper
152 100
115 59.3 29.0 87.0
150 175.2 0.0 347.2

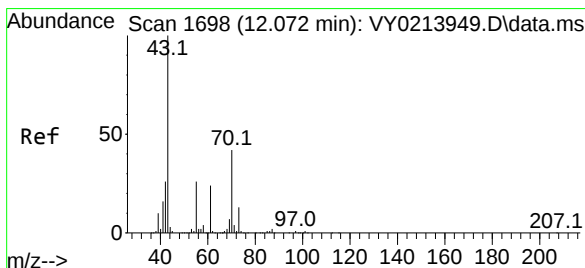
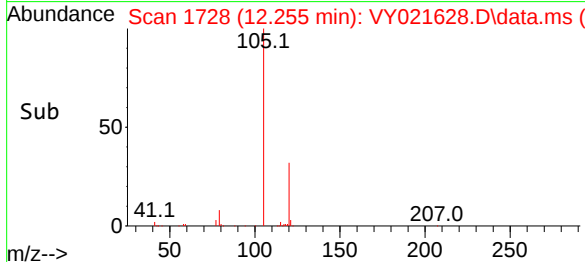
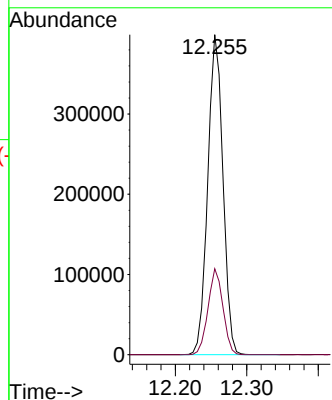
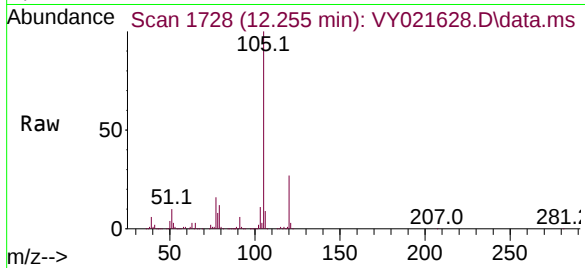




#73
Isopropylbenzene
Concen: 53.844 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

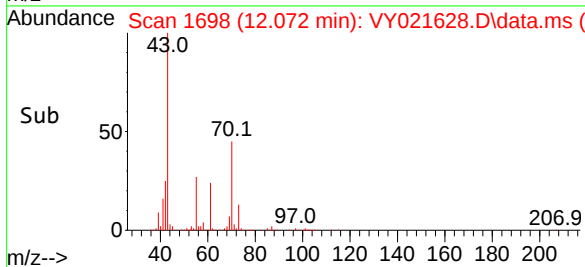
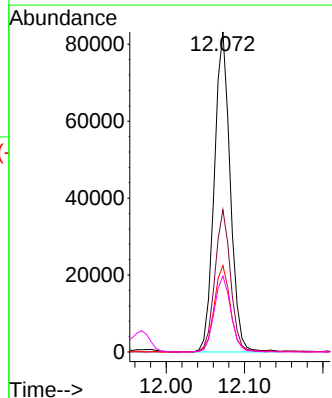
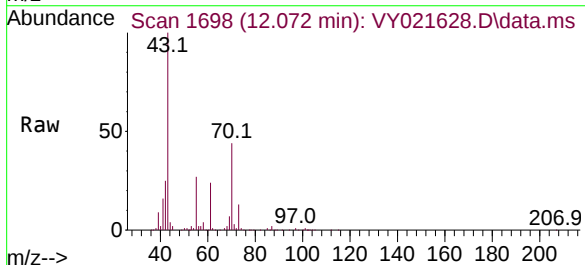
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

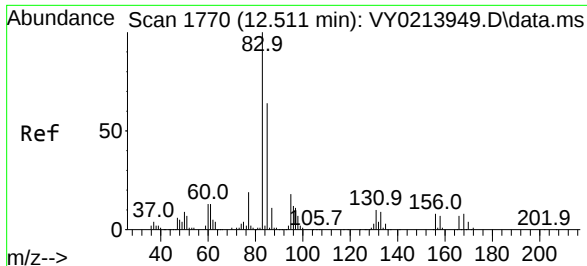
Tgt Ion:105 Resp: 588063
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.3



#74
N-ethyl acetate
Concen: 49.694 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

Tgt Ion: 43 Resp: 117870
Ion Ratio Lower Upper
43 100
70 43.6 34.6 51.8
55 27.5 21.1 31.7
61 24.6 19.4 29.0

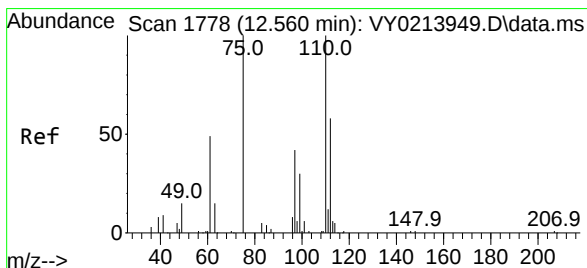
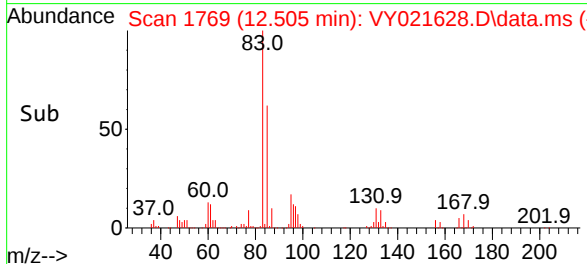
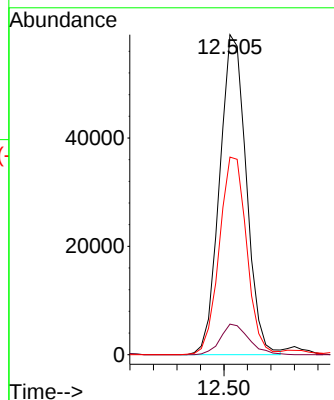
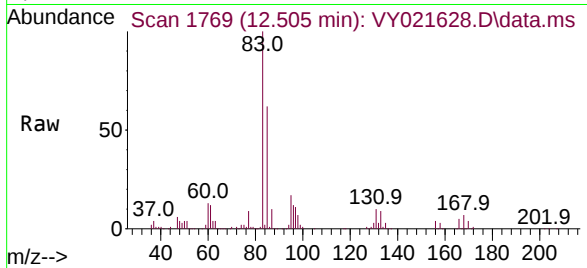




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.325 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY021628.D
 Acq: 25 Mar 2025 11:31

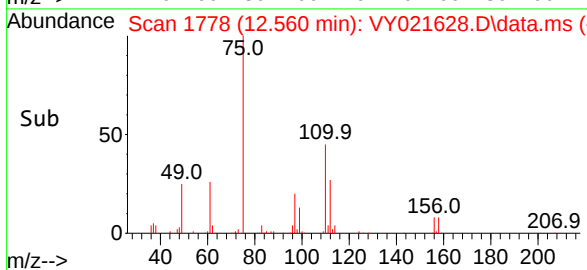
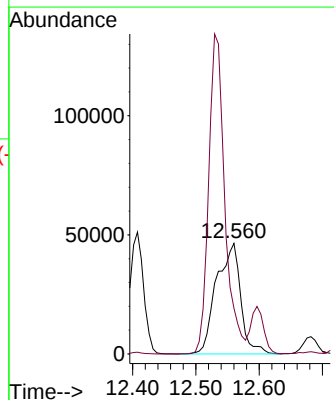
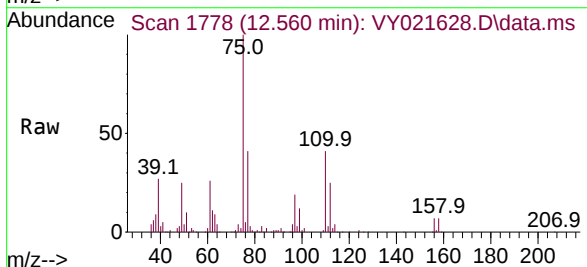
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

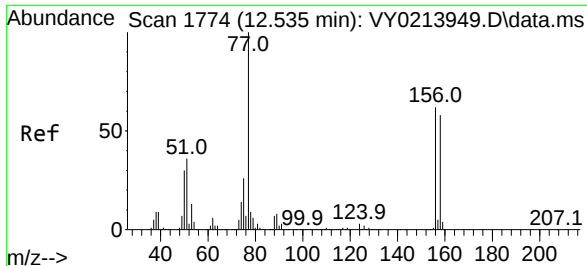
Tgt Ion: 83 Resp: 93136
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.3 16.1
 85 63.4 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 88.537 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.000 min
 Lab File: VY021628.D
 Acq: 25 Mar 2025 11:31

Tgt Ion: 75 Resp: 123698
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

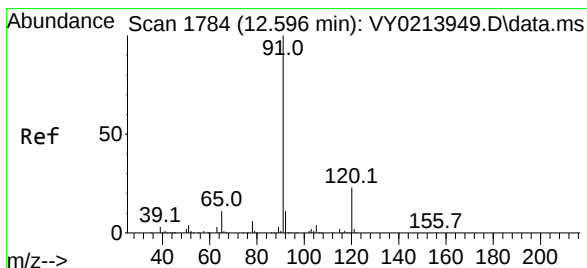
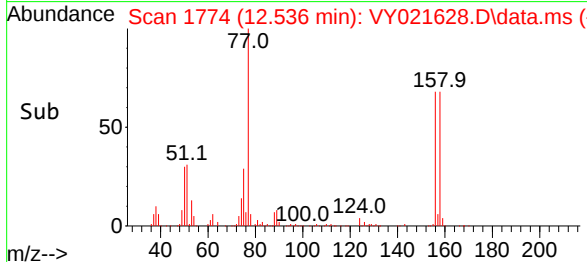
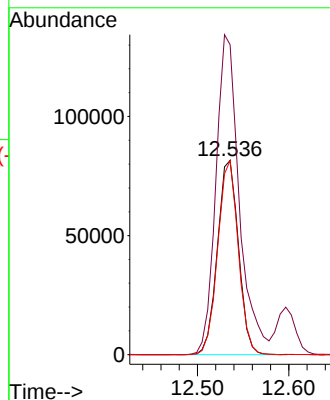
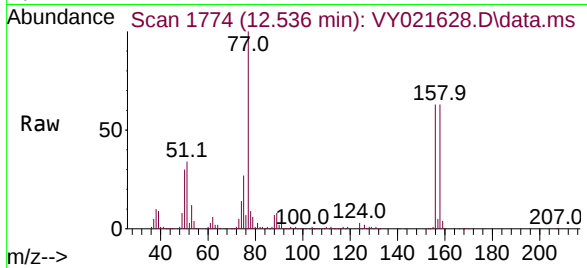




#77
Bromobenzene
Concen: 51.146 ug/l
RT: 12.536 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

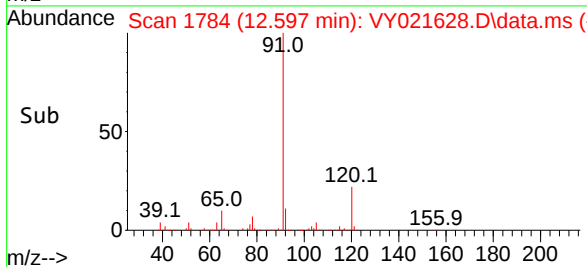
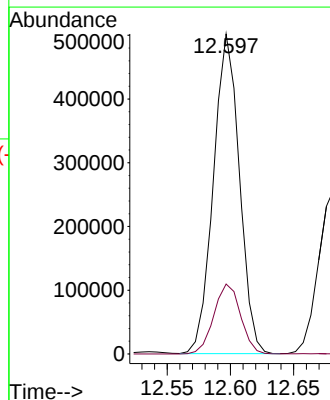
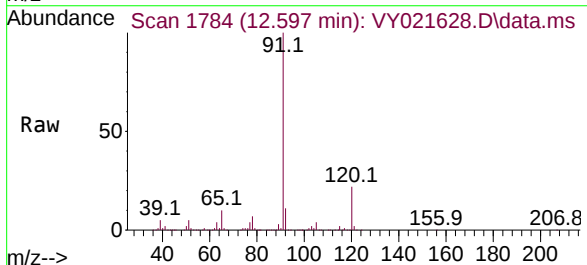
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

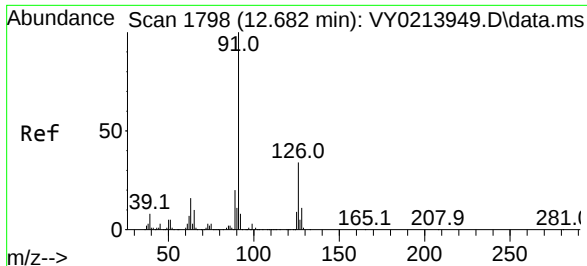
Tgt Ion:156 Resp: 130683
Ion Ratio Lower Upper
156 100
77 183.3 93.6 280.8
158 97.2 48.3 144.8



#78
n-propylbenzene
Concen: 54.002 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

Tgt Ion: 91 Resp: 716292
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.8





#79

2-Chlorotoluene

Concen: 52.595 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

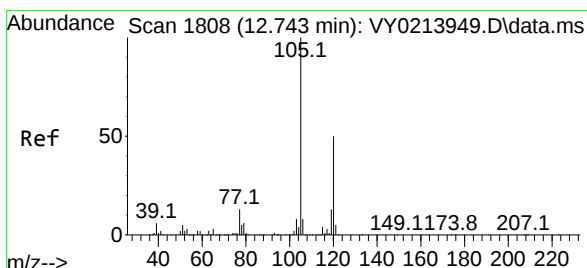
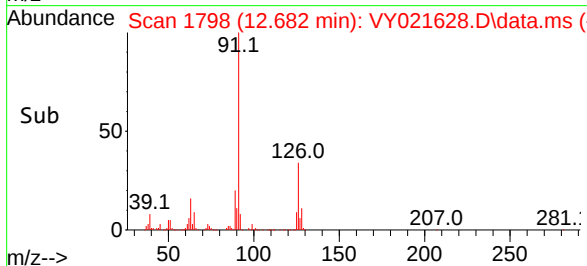
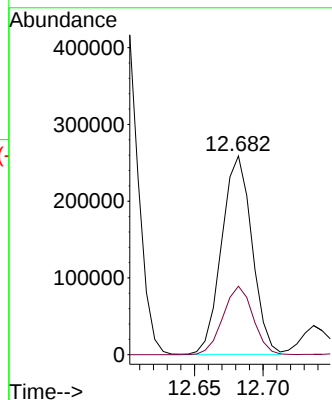
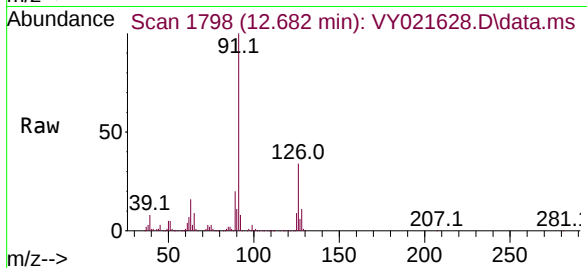
VSTDCCC050

Tgt Ion: 91 Resp: 398901

Ion Ratio Lower Upper

91 100

126 34.2 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 53.702 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY021628.D

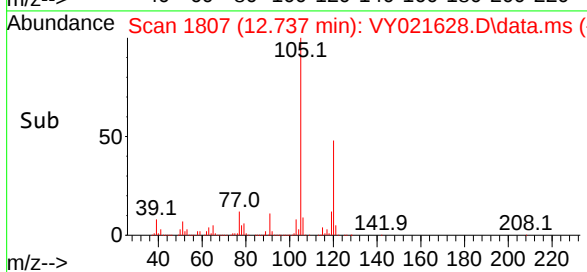
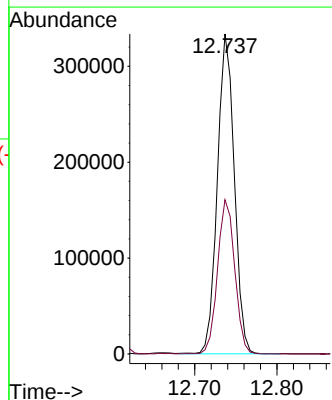
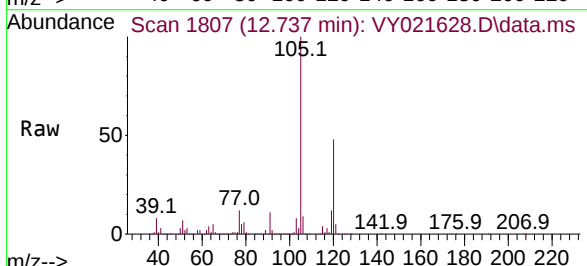
Acq: 25 Mar 2025 11:31

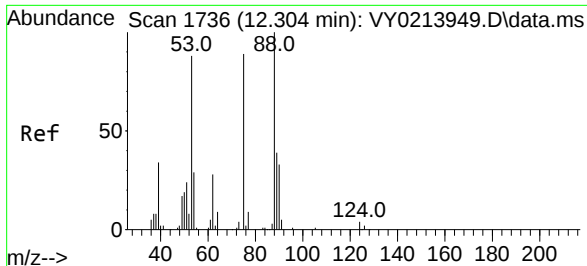
Tgt Ion: 105 Resp: 476635

Ion Ratio Lower Upper

105 100

120 48.9 24.6 73.6

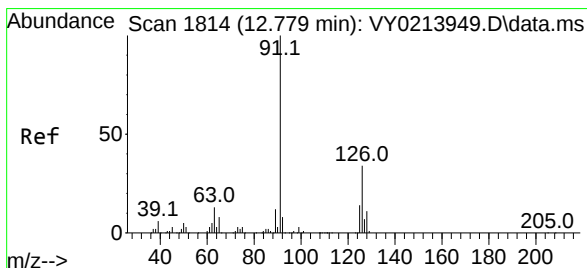
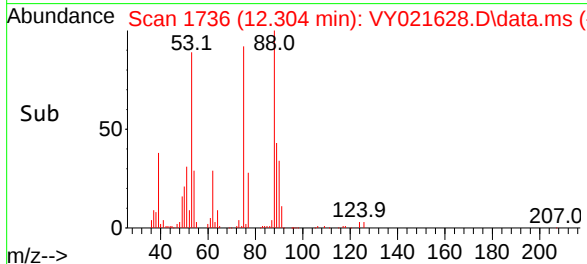
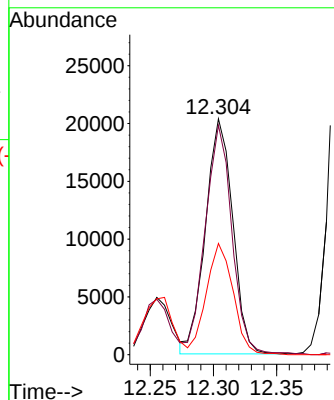
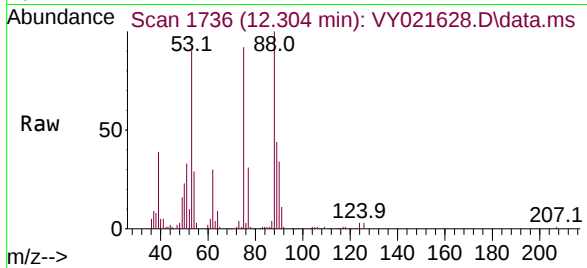




#81
trans-1,4-Dichloro-2-butene
Concen: 49.588 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

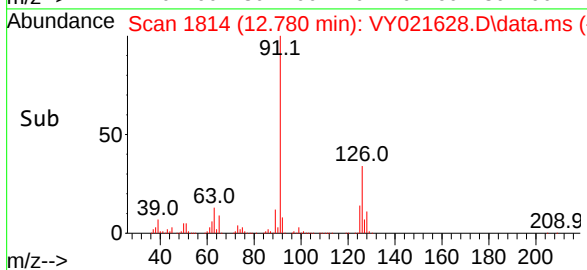
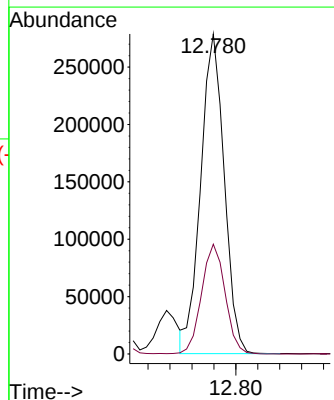
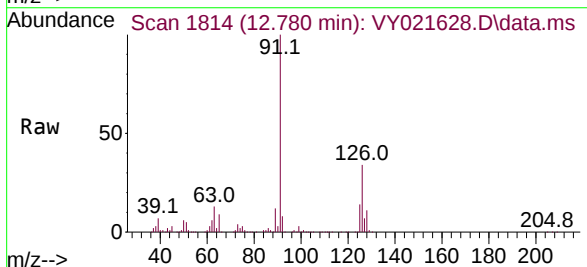
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

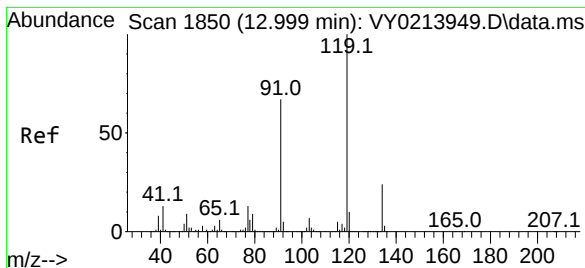
Tgt Ion: 75 Resp: 30476
Ion Ratio Lower Upper
75 100
53 96.5 81.0 121.4
89 46.6 36.9 55.3



#82
4-Chlorotoluene
Concen: 52.809 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

Tgt Ion: 91 Resp: 414745
Ion Ratio Lower Upper
91 100
126 34.4 17.0 51.0

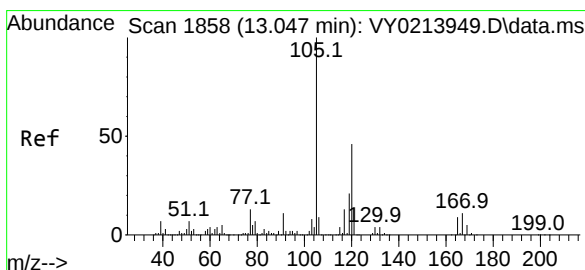
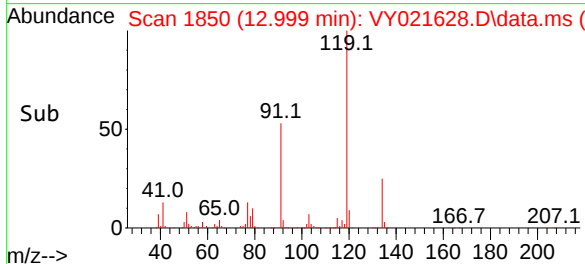
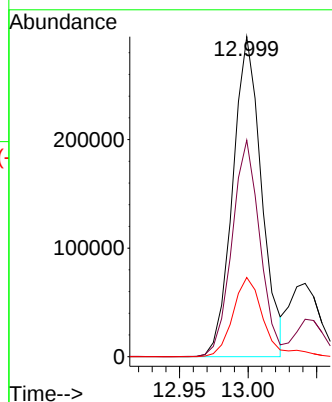
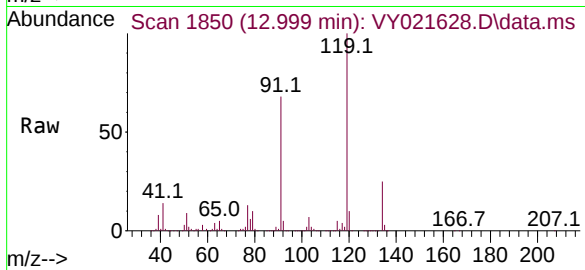




#83
 tert-Butylbenzene
 Concen: 54.621 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021628.D
 Acq: 25 Mar 2025 11:31

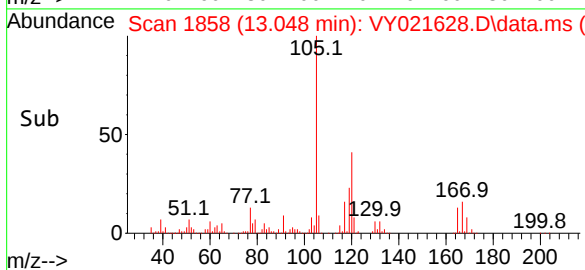
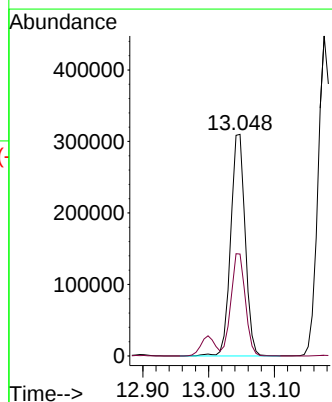
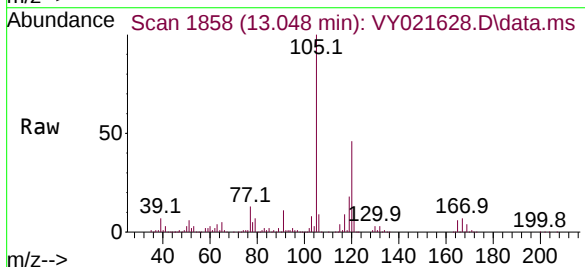
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

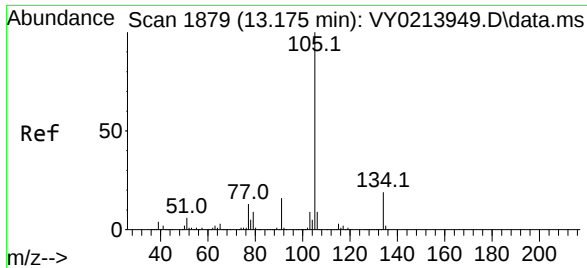
Tgt Ion:119 Resp: 432478
 Ion Ratio Lower Upper
 119 100
 91 65.3 33.2 99.6
 134 26.4 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 53.858 ug/l
 RT: 13.048 min Scan# 1858
 Delta R.T. 0.000 min
 Lab File: VY021628.D
 Acq: 25 Mar 2025 11:31

Tgt Ion:105 Resp: 474618
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.7 68.1

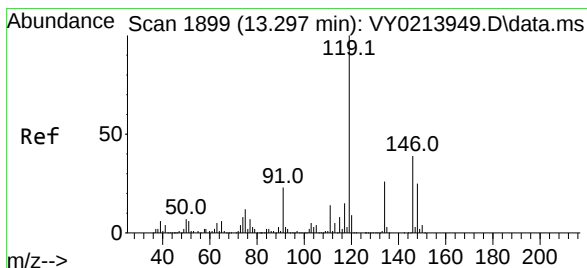
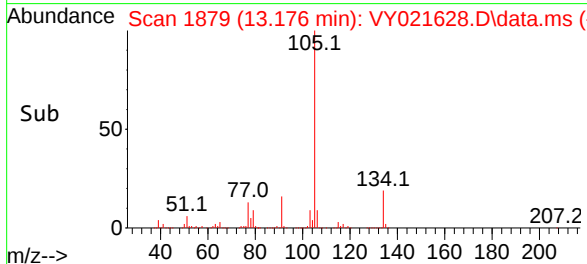
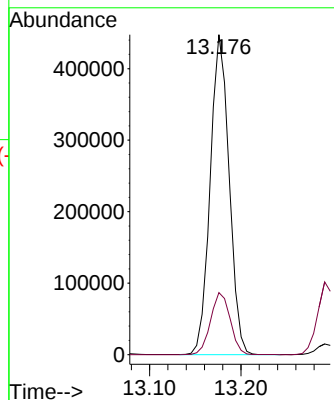
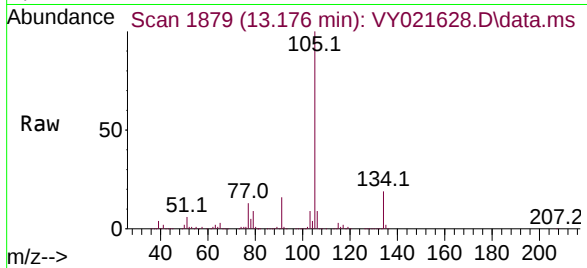




#85
 sec-Butylbenzene
 Concen: 54.598 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021628.D
 Acq: 25 Mar 2025 11:31

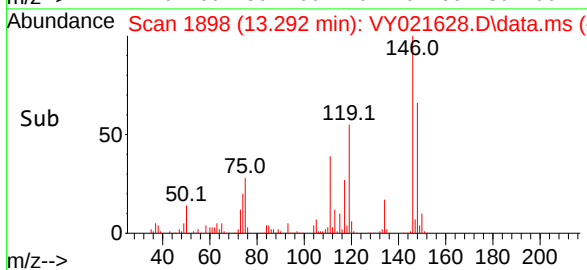
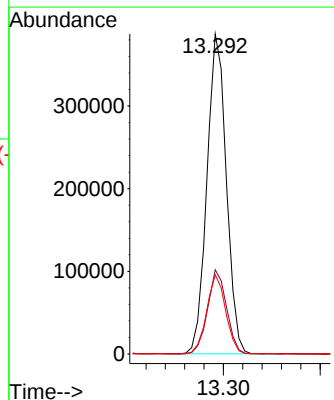
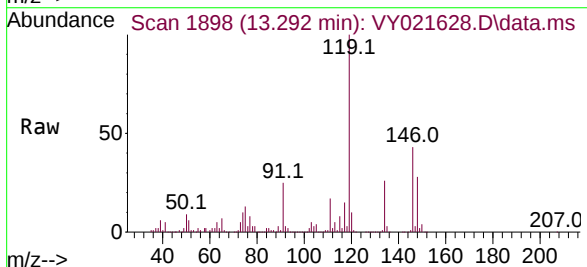
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

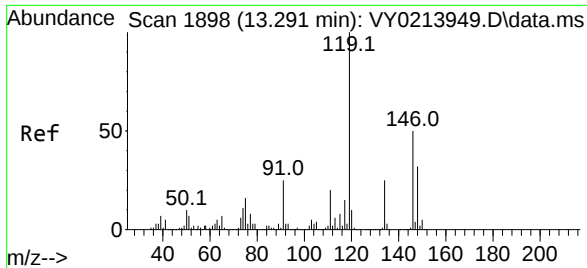
Tgt Ion:105 Resp: 643196
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 55.584 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY021628.D
 Acq: 25 Mar 2025 11:31

Tgt Ion:119 Resp: 539472
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.1 39.1
 91 24.1 12.2 36.6

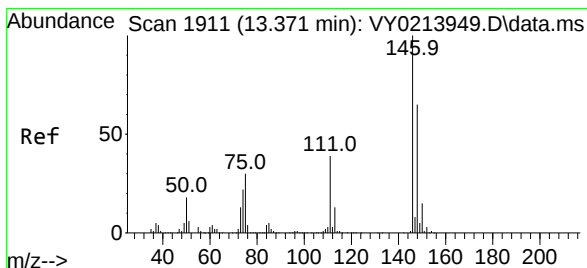
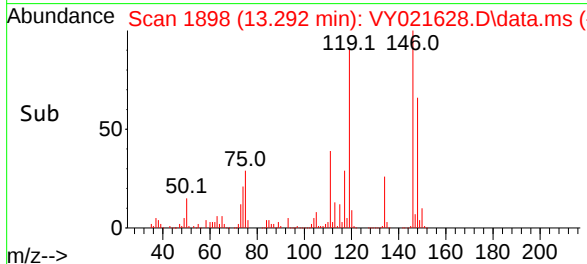
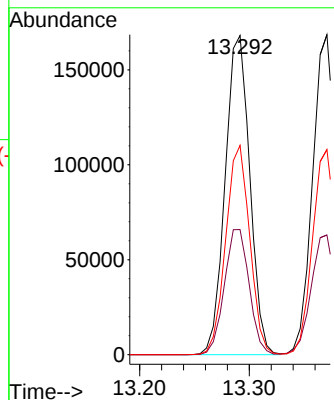
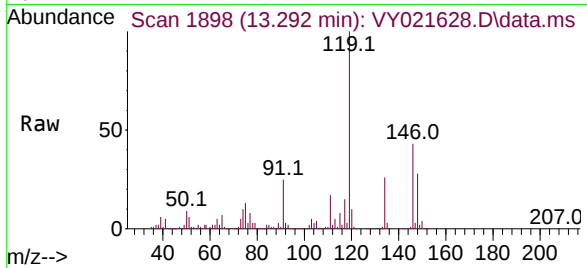




#87
 1,3-Dichlorobenzene
 Concen: 51.598 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY021628.D
 Acq: 25 Mar 2025 11:31

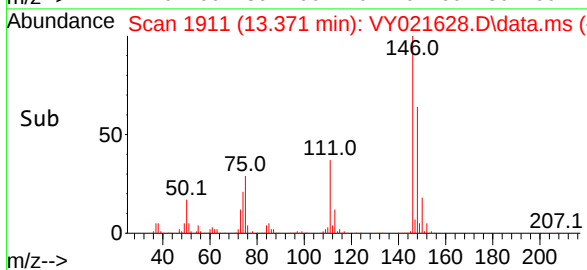
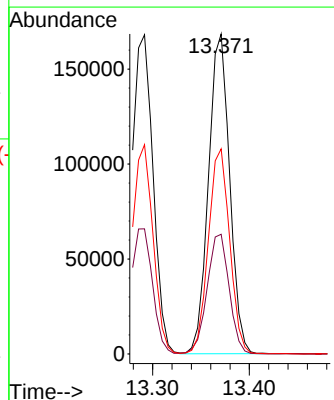
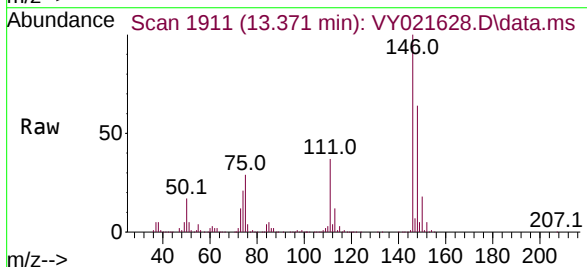
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

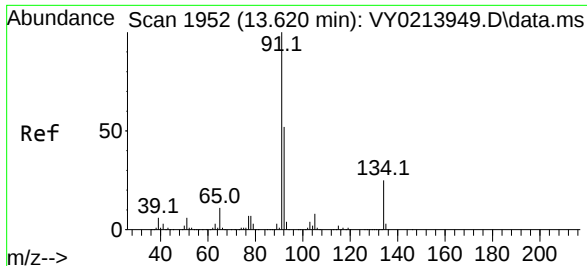
Tgt Ion:146 Resp: 262434
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.0 60.0
 148 64.1 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 51.508 ug/l
 RT: 13.371 min Scan# 1911
 Delta R.T. 0.000 min
 Lab File: VY021628.D
 Acq: 25 Mar 2025 11:31

Tgt Ion:146 Resp: 256207
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.6 58.8
 148 64.4 32.3 96.8





#89

n-Butylbenzene

Concen: 55.753 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

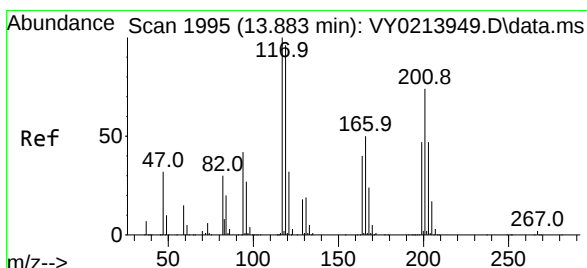
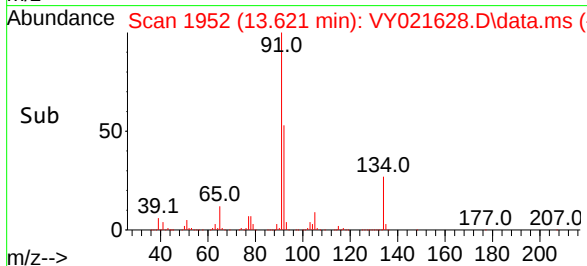
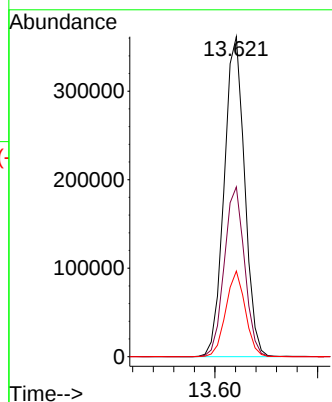
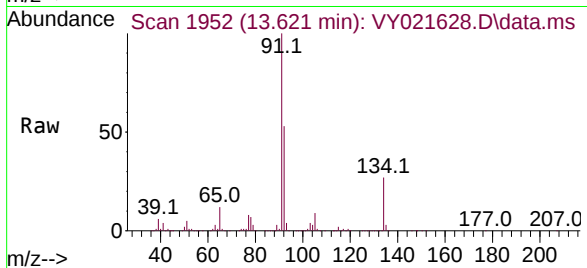
Tgt Ion: 91 Resp: 499658

Ion Ratio Lower Upper

91 100

92 52.8 26.1 78.3

134 25.5 12.6 37.8



#90

Hexachloroethane

Concen: 53.287 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY021628.D

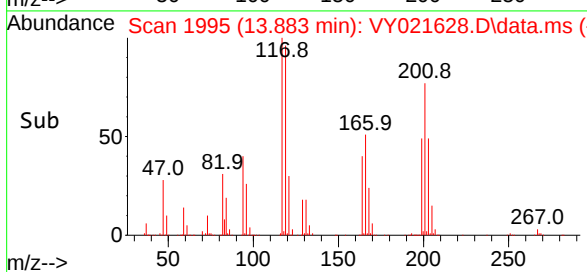
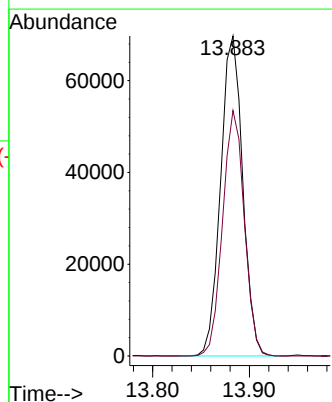
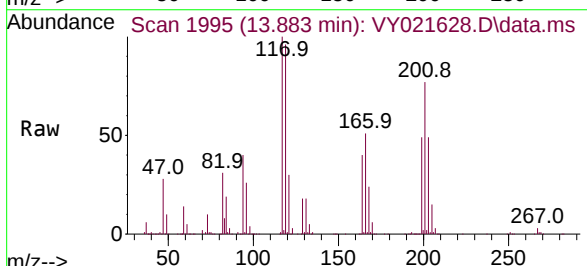
Acq: 25 Mar 2025 11:31

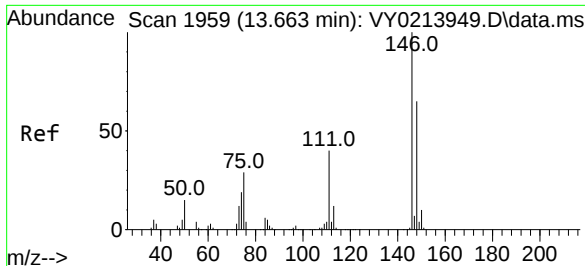
Tgt Ion: 117 Resp: 110330

Ion Ratio Lower Upper

117 100

201 75.3 37.4 112.2

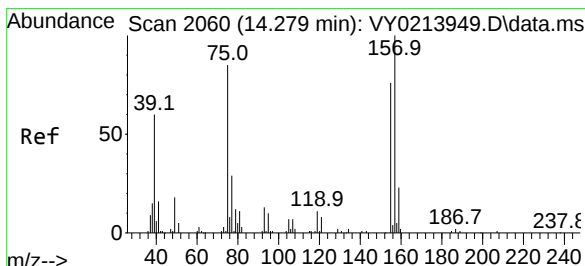
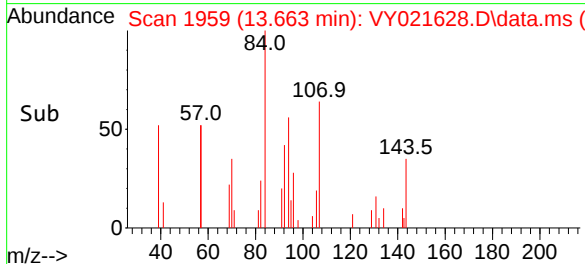
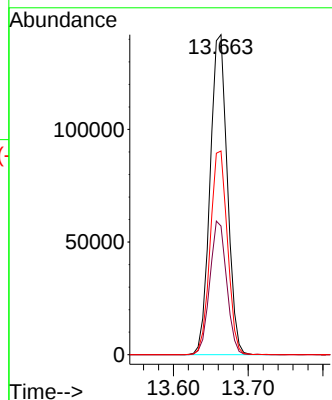
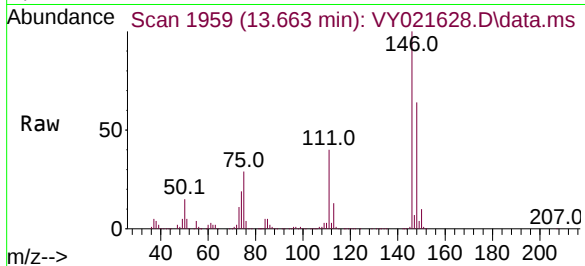




#91
 1,2-Dichlorobenzene
 Concen: 52.112 ug/l
 RT: 13.663 min Scan# 1959
 Delta R.T. 0.000 min
 Lab File: VY021628.D
 Acq: 25 Mar 2025 11:31

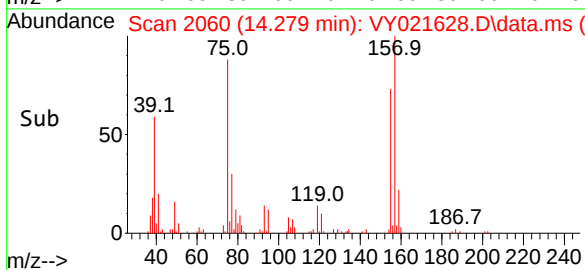
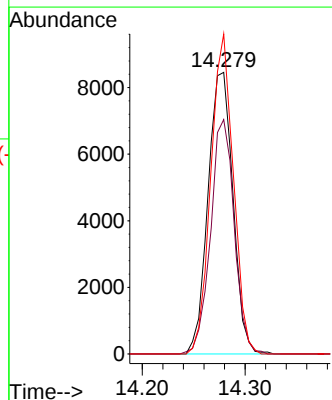
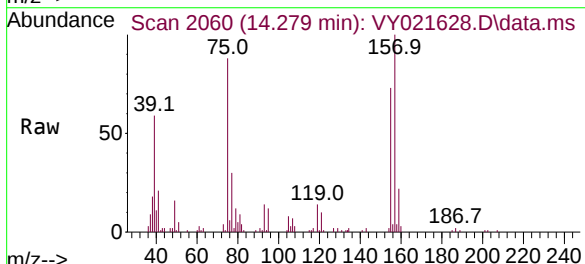
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

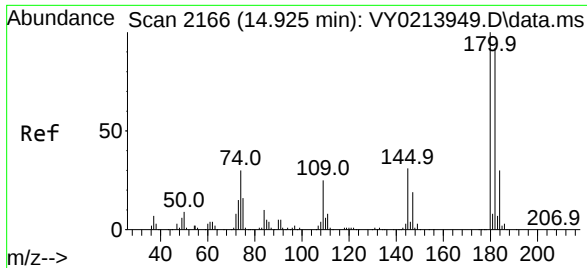
Tgt Ion:146 Resp: 227166
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.7 62.1
 148 63.7 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.404 ug/l
 RT: 14.279 min Scan# 2060
 Delta R.T. 0.000 min
 Lab File: VY021628.D
 Acq: 25 Mar 2025 11:31

Tgt Ion: 75 Resp: 14263
 Ion Ratio Lower Upper
 75 100
 155 78.7 43.5 130.5
 157 102.6 54.4 163.2

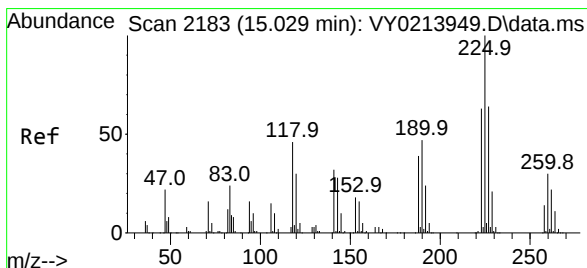
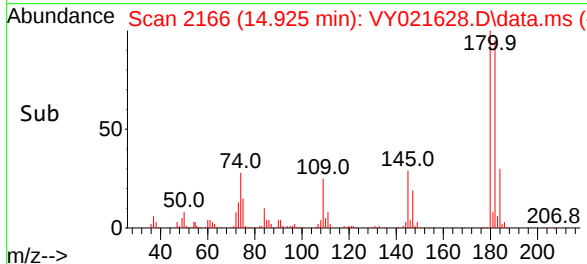
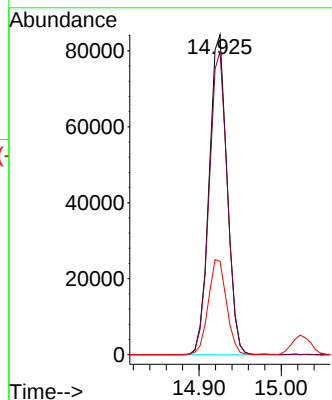
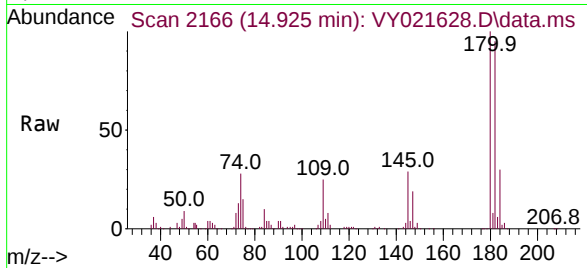




#93
 1,2,4-Trichlorobenzene
 Concen: 53.341 ug/l
 RT: 14.925 min Scan# 2166
 Delta R.T. 0.000 min
 Lab File: VY021628.D
 Acq: 25 Mar 2025 11:31

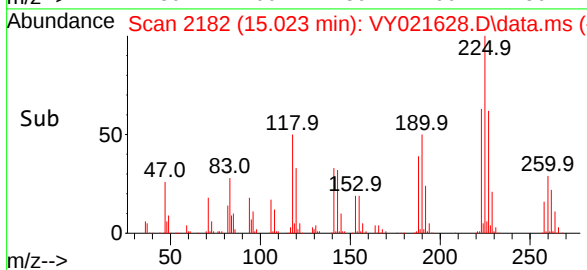
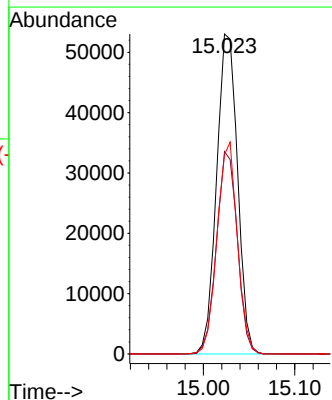
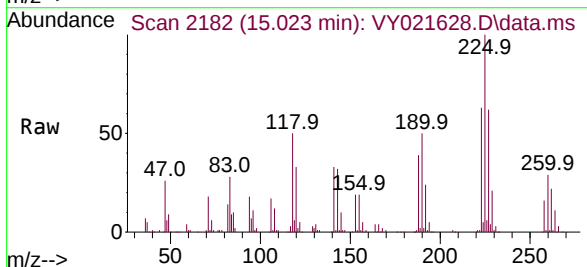
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

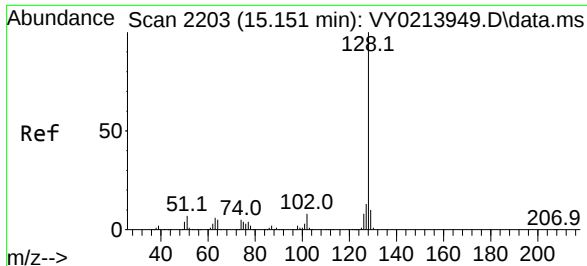
Tgt Ion:180 Resp: 127005
 Ion Ratio Lower Upper
 180 100
 182 95.9 46.7 140.0
 145 30.3 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 56.659 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. -0.006 min
 Lab File: VY021628.D
 Acq: 25 Mar 2025 11:31

Tgt Ion:225 Resp: 84565
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.4 94.2
 227 64.1 31.8 95.4

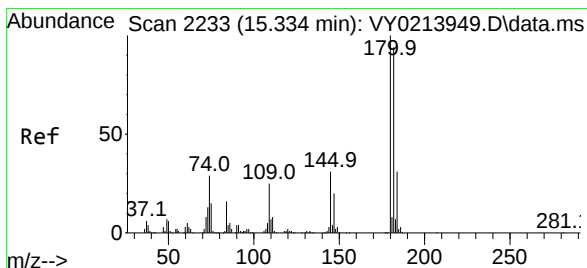
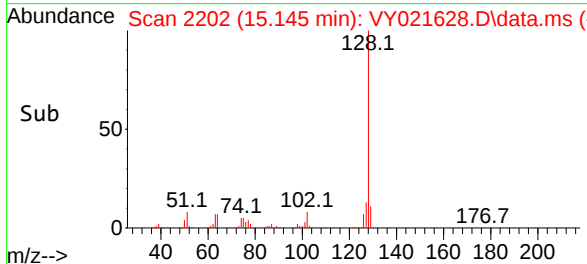
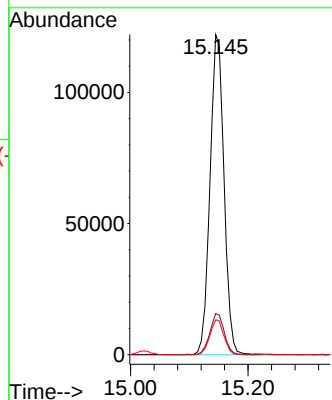
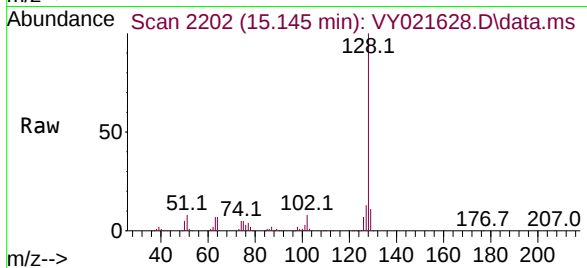




#95
Naphthalene
Concen: 50.069 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 201527
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 52.855 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

Tgt Ion:180 Resp: 105845
Ion Ratio Lower Upper
180 100
182 97.7 47.2 141.6
145 33.2 16.4 49.1

