

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031225\
 Data File : VY021501.D
 Acq On : 12 Mar 2025 11:19
 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 13 01:35:46 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	235821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	365053	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.414	117	321594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	164279	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	119395	47.902	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.800%
35) Dibromofluoromethane	7.634	113	116095	48.382	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.760%
50) Toluene-d8	10.103	98	442252	48.677	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.360%
62) 4-Bromofluorobenzene	12.402	95	149487	48.370	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.740%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.861	85	99001	45.748	ug/l	93
3) Chloromethane	2.068	50	150838	49.439	ug/l	99
4) Vinyl Chloride	2.202	62	175665	52.687	ug/l	99
5) Bromomethane	2.592	94	116821	48.479	ug/l	97
6) Chloroethane	2.733	64	122747	55.709	ug/l	100
7) Trichlorofluoromethane	3.050	101	249277	53.565	ug/l	100
8) Diethyl Ether	3.452	74	62882	48.758	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.806	101	125157	47.105	ug/l	100
10) Methyl Iodide	4.001	142	146086	54.089	ug/l	100
11) Tert butyl alcohol	4.848	59	38330	235.189	ug/l	96
12) 1,1-Dichloroethene	3.787	96	115839	47.820	ug/l	99
13) Acrolein	3.647	56	3823	30.155	ug/l	87
14) Allyl chloride	4.379	41	194037	49.566	ug/l	99
15) Acrylonitrile	5.049	53	137125	249.771	ug/l	99
16) Acetone	3.860	43	150281	276.438	ug/l	94
17) Carbon Disulfide	4.098	76	355367	46.810	ug/l	98
18) Methyl Acetate	4.379	43	68349	56.664	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	302718	49.305	ug/l	98
20) Methylene Chloride	4.610	84	131432	46.058	ug/l	99
21) trans-1,2-Dichloroethene	5.110	96	133215	49.105	ug/l	98
22) Diisopropyl ether	6.013	45	422601	50.092	ug/l	97
23) Vinyl Acetate	5.952	43	1196504	248.506	ug/l	99
24) 1,1-Dichloroethane	5.909	63	245755	49.356	ug/l	98
25) 2-Butanone	6.890	43	191542	254.707	ug/l	98
26) 2,2-Dichloropropane	6.878	77	225033	49.118	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	154210	50.037	ug/l	99
28) Bromochloromethane	7.238	49	98467	47.170	ug/l	98
29) Tetrahydrofuran	7.256	42	114758	247.188	ug/l	100
30) Chloroform	7.415	83	255395	49.395	ug/l	96
31) Cyclohexane	7.695	56	209721	44.927	ug/l	98
32) 1,1,1-Trichloroethane	7.610	97	230084	48.600	ug/l	100
36) 1,1-Dichloropropene	7.829	75	181671	48.368	ug/l	100
37) Ethyl Acetate	6.976	43	81213	48.920	ug/l	100
38) Carbon Tetrachloride	7.817	117	207668	48.074	ug/l	98
39) Methylcyclohexane	9.103	83	219585	47.661	ug/l	97
40) Benzene	8.073	78	541042	48.899	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.214	41	41882	46.333	ug/l #	88
42) 1,2-Dichloroethane	8.152	62	152860	49.384	ug/l	99
43) Isopropyl Acetate	8.195	43	154254	47.865	ug/l #	87
44) Trichloroethene	8.860	130	136668	48.880	ug/l	98
45) 1,2-Dichloropropane	9.140	63	129435	49.152	ug/l	98
46) Dibromomethane	9.231	93	73812	50.376	ug/l	100
47) Bromodichloromethane	9.420	83	193602	49.754	ug/l	100
48) Methyl methacrylate	9.219	41	75994	51.352	ug/l	99
49) 1,4-Dioxane	9.225	88	15921	1107.037	ug/l #	92
51) 4-Methyl-2-Pentanone	9.993	43	419825	252.478	ug/l	99
52) Toluene	10.170	92	346486	49.670	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	175233	51.115	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	203832	50.080	ug/l	98
55) 1,1,2-Trichloroethane	10.567	97	96555	50.377	ug/l	98
56) Ethyl methacrylate	10.439	69	127553	52.181	ug/l	99
57) 1,3-Dichloropropane	10.713	76	164941	49.652	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	315245	279.373	ug/l	99
59) 2-Hexanone	10.756	43	293635	267.063	ug/l	99
60) Dibromochloromethane	10.908	129	131252	49.951	ug/l	99
61) 1,2-Dibromoethane	11.012	107	88947	49.171	ug/l	99
64) Tetrachloroethene	10.646	164	140062	53.559	ug/l	98
65) Chlorobenzene	11.438	112	374951	49.373	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	133663	49.782	ug/l	100
67) Ethyl Benzene	11.518	91	675645	50.688	ug/l	99
68) m/p-Xylenes	11.627	106	512971	101.366	ug/l	99
69) o-Xylene	11.957	106	240838	51.638	ug/l	100
70) Styrene	11.969	104	404231	52.244	ug/l	100
71) Bromoform	12.133	173	75016	49.980	ug/l	98
73) Isopropylbenzene	12.255	105	640564	49.500	ug/l	100
74) N-amyl acetate	12.072	43	142166	50.586	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	106428	46.606	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	142850	86.293	ug/l #	100
77) Bromobenzene	12.530	156	148727	49.126	ug/l	98
78) n-propylbenzene	12.597	91	784952	49.946	ug/l	100
79) 2-Chlorotoluene	12.682	91	442598	49.252	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	528870	50.290	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	34028	46.729	ug/l	98
82) 4-Chlorotoluene	12.780	91	457696	49.185	ug/l	100
83) tert-Butylbenzene	12.999	119	473400	50.461	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	530408	50.798	ug/l	99
85) sec-Butylbenzene	13.176	105	691185	49.517	ug/l	99
86) p-Isopropyltoluene	13.292	119	579887	50.426	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	292602	48.554	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	287278	48.744	ug/l	99
89) n-Butylbenzene	13.615	91	545901	51.409	ug/l	99
90) Hexachloroethane	13.877	117	118065	48.126	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	255194	49.408	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	15994	46.756	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	146696	51.998	ug/l	99
94) Hexachlorobutadiene	15.023	225	88667	50.138	ug/l	99
95) Naphthalene	15.145	128	241398	50.555	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	121874	51.364	ug/l	99

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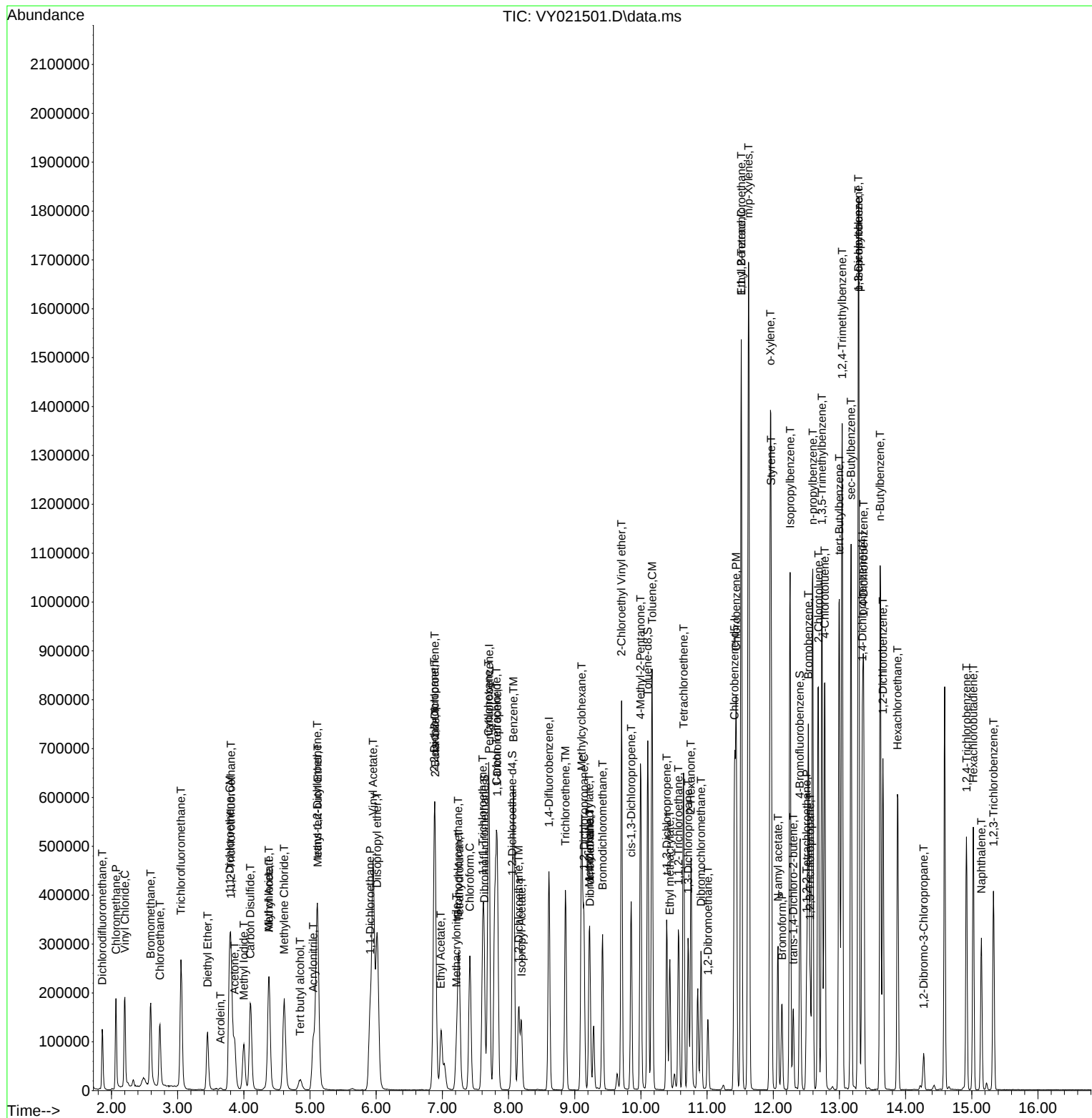
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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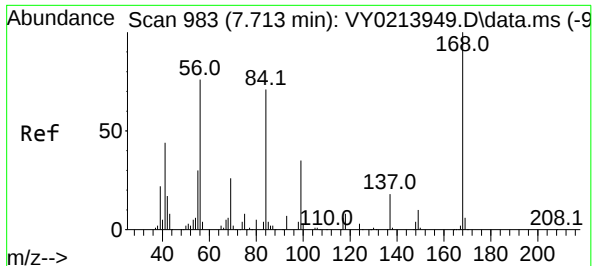
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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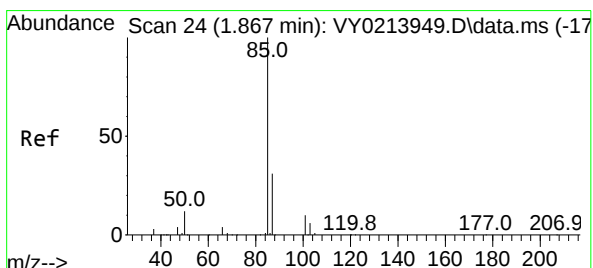
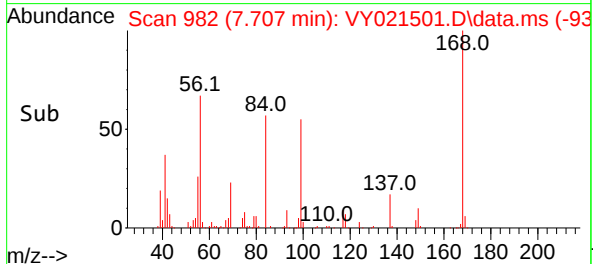
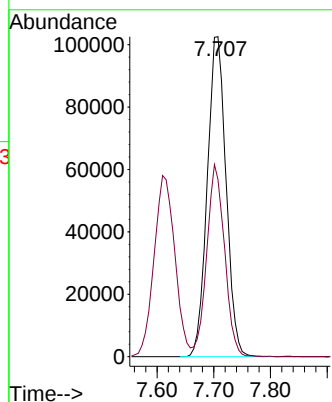
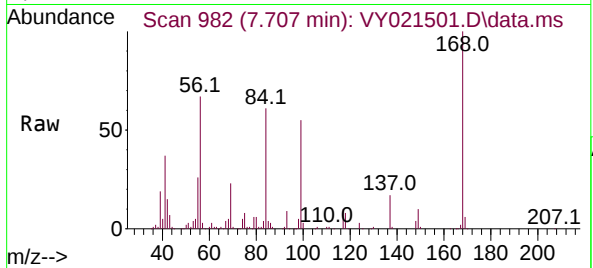




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021501.D
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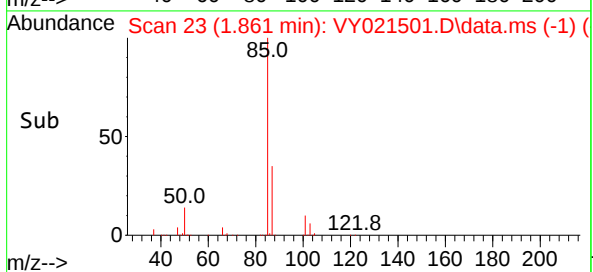
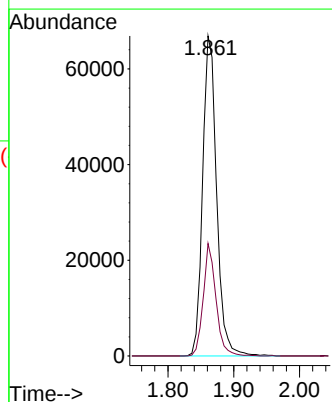
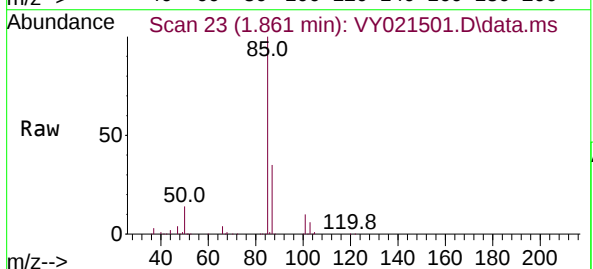
Instrument :
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ClientSampleId :
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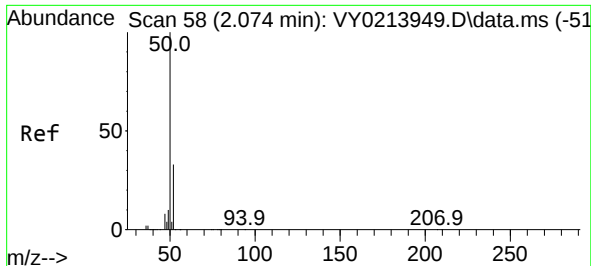
Tgt Ion:168 Resp: 235821
Ion Ratio Lower Upper
168 100
99 55.3 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 45.748 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

Tgt Ion: 85 Resp: 99001
Ion Ratio Lower Upper
85 100
87 35.1 15.7 47.0

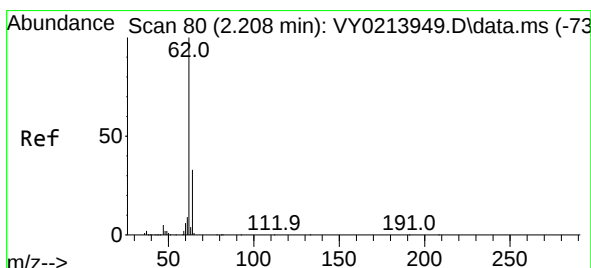
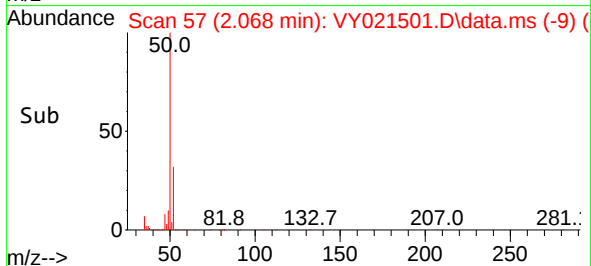
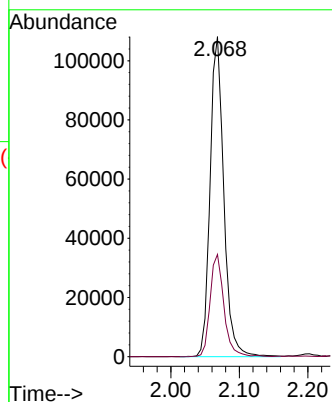
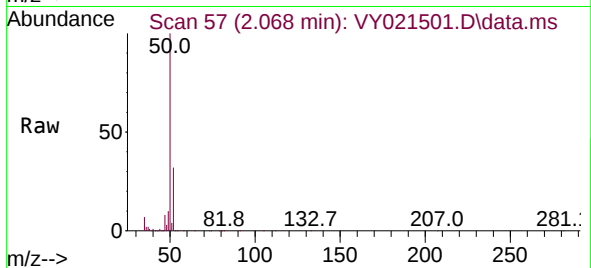




#3
Chloromethane
Concen: 49.439 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

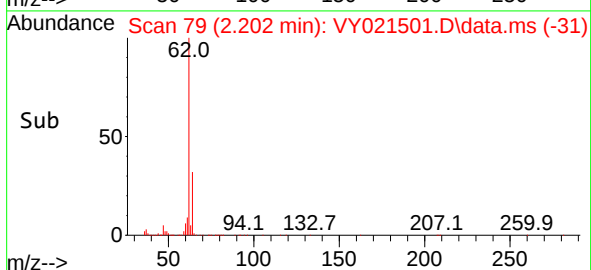
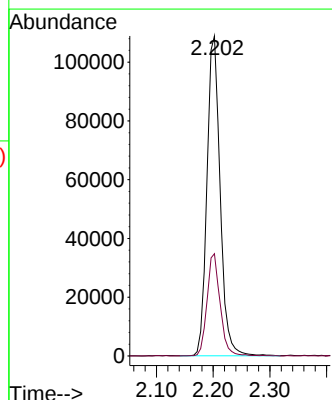
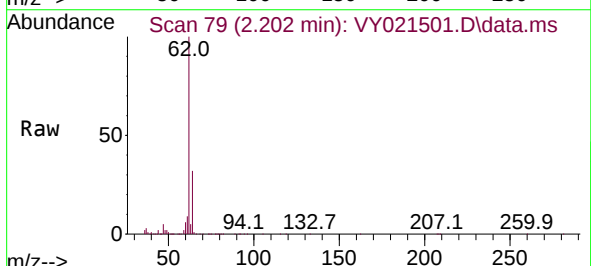
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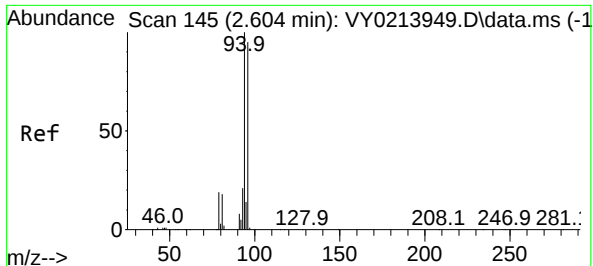
Tgt Ion: 50 Resp: 150838
Ion Ratio Lower Upper
50 100
52 32.0 26.2 39.2



#4
Vinyl Chloride
Concen: 52.687 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021501.D
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Tgt Ion: 62 Resp: 175665
Ion Ratio Lower Upper
62 100
64 32.0 26.2 39.2

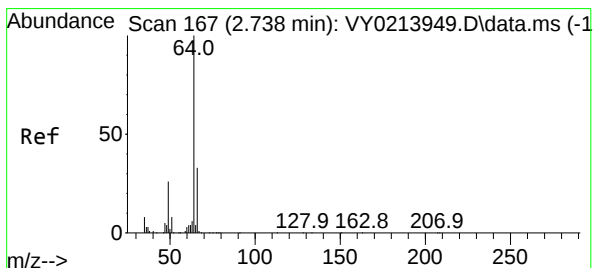
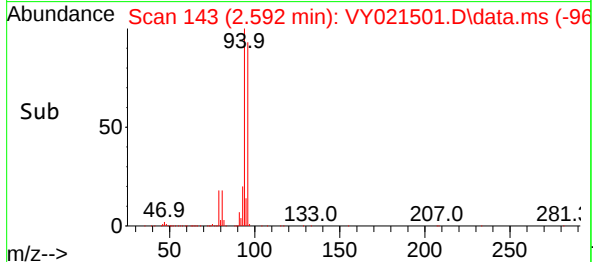
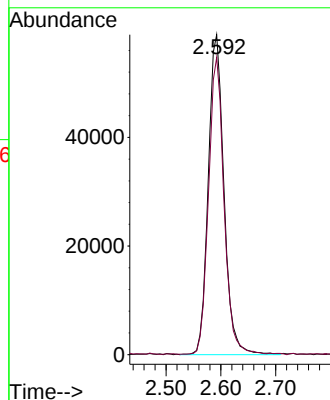
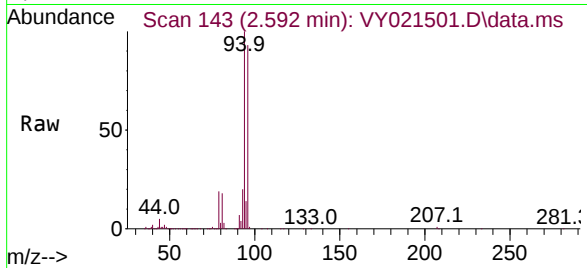




#5
Bromomethane
Concen: 48.479 ug/l
RT: 2.592 min Scan# 14
Delta R.T. -0.012 min
Lab File: VY021501.D
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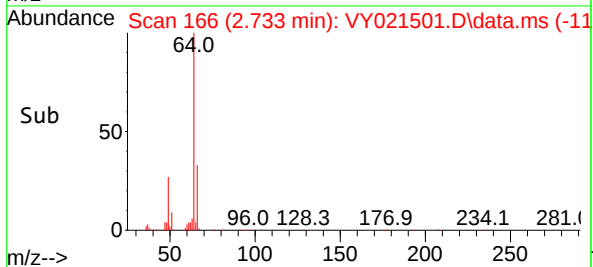
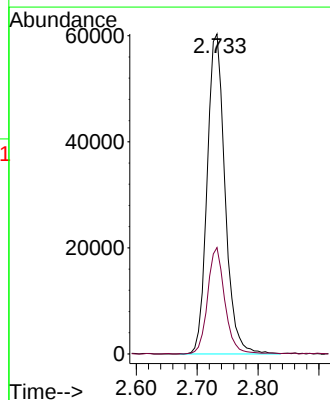
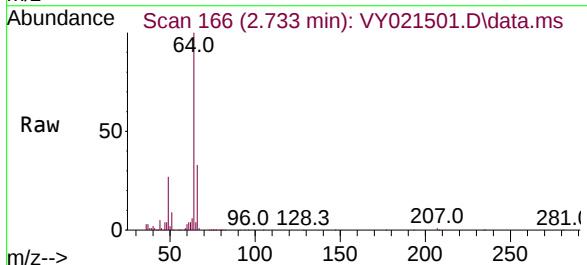
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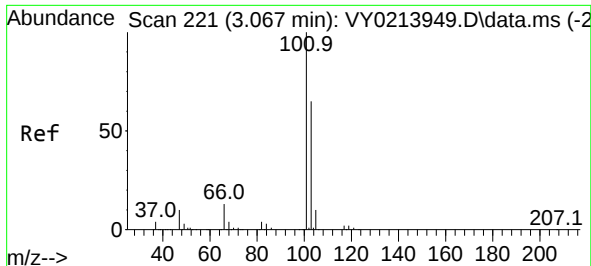
Tgt Ion: 94 Resp: 116821
Ion Ratio Lower Upper
94 100
96 92.8 76.3 114.5



#6
Chloroethane
Concen: 55.709 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
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Tgt Ion: 64 Resp: 122747
Ion Ratio Lower Upper
64 100
66 33.1 26.7 40.1

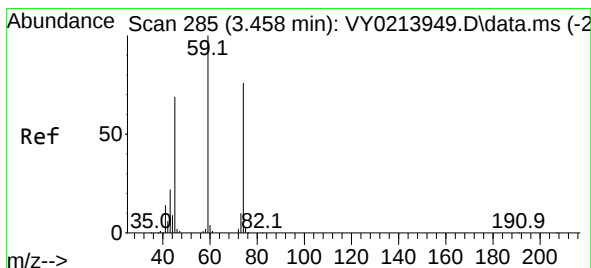
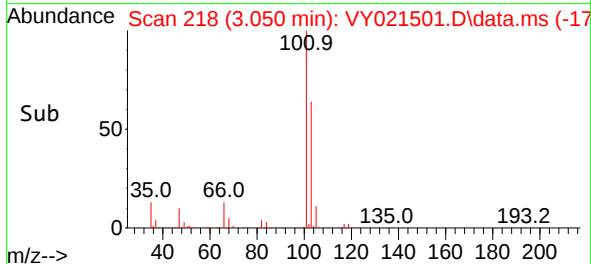
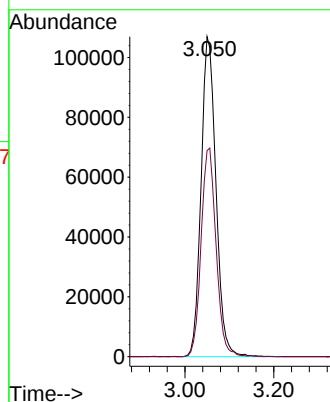
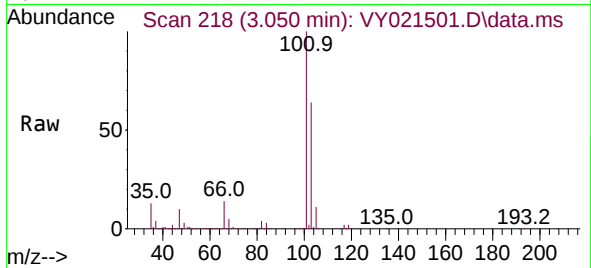




#7
Trichlorofluoromethane
Concen: 53.565 ug/l
RT: 3.050 min Scan# 21
Delta R.T. -0.018 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

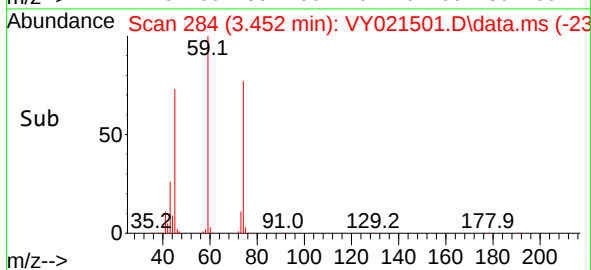
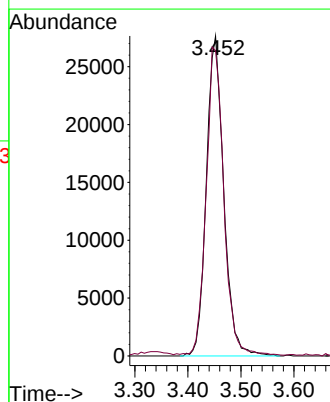
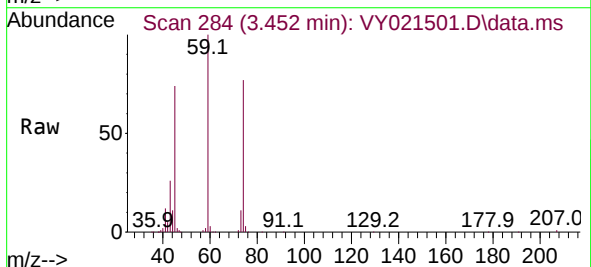
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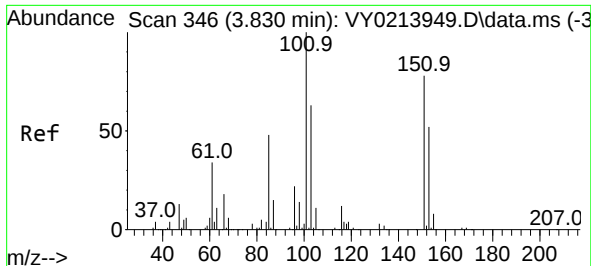
Tgt Ion:101 Resp: 249277
Ion Ratio Lower Upper
101 100
103 64.4 51.7 77.5



#8
Diethyl Ether
Concen: 48.758 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.006 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

Tgt Ion: 74 Resp: 62882
Ion Ratio Lower Upper
74 100
45 97.7 49.7 149.1

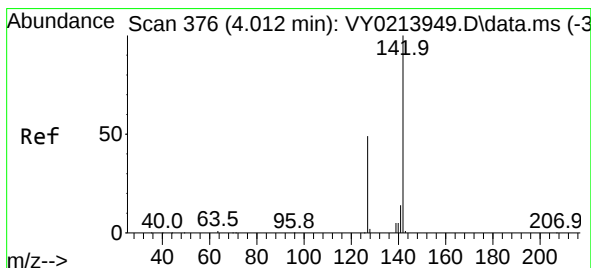
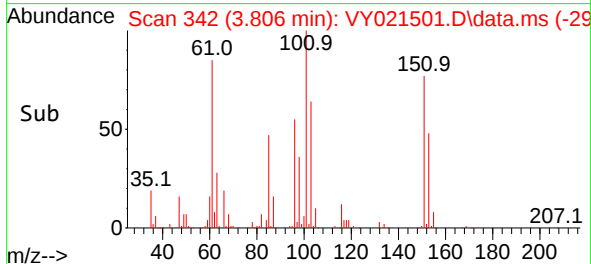
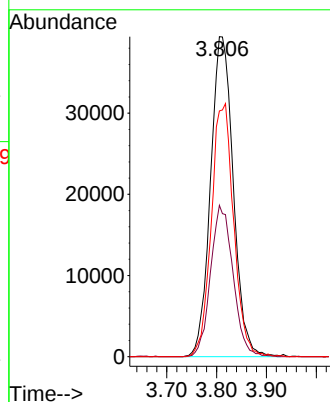
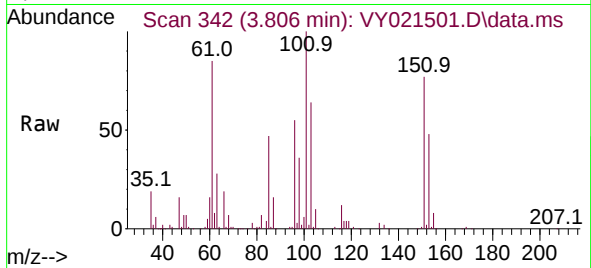




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.105 ug/l
RT: 3.806 min Scan# 34
Delta R.T. -0.024 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

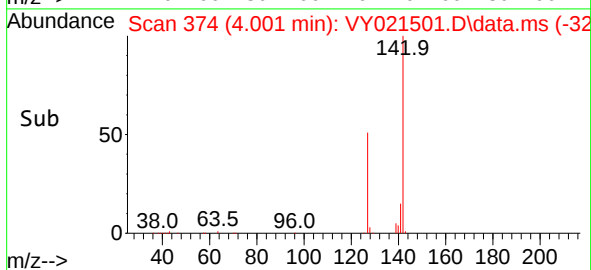
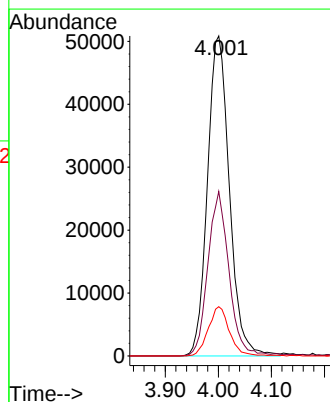
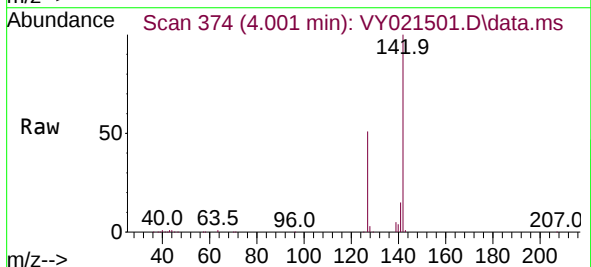
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

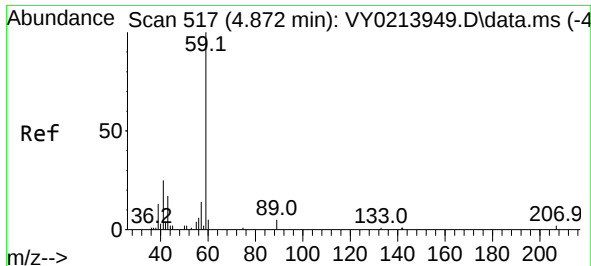
Tgt Ion:101 Resp: 125157
Ion Ratio Lower Upper
101 100
85 46.6 37.1 55.7
151 77.5 62.1 93.1



#10
Methyl Iodide
Concen: 54.089 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.012 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

Tgt Ion:142 Resp: 146086
Ion Ratio Lower Upper
142 100
127 49.2 39.1 58.7
141 14.9 11.8 17.6

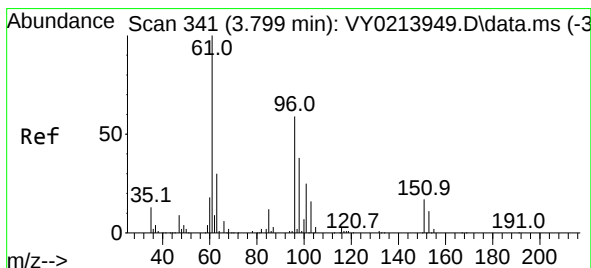
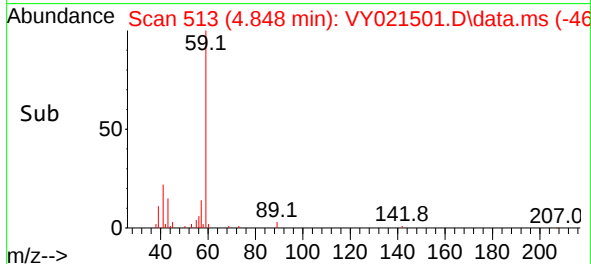
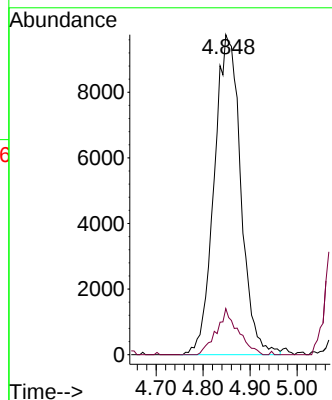
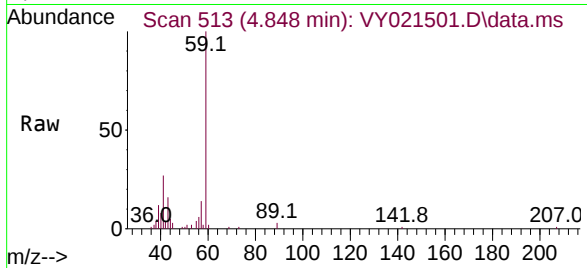




#11
Tert butyl alcohol
Concen: 235.189 ug/l
RT: 4.848 min Scan# 517
Delta R.T. -0.024 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

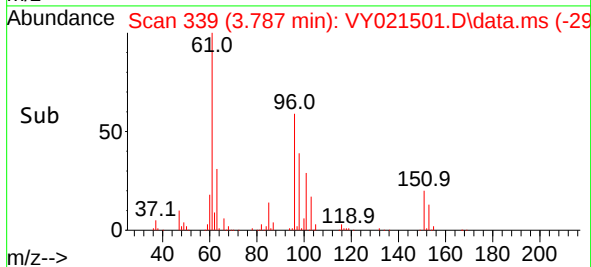
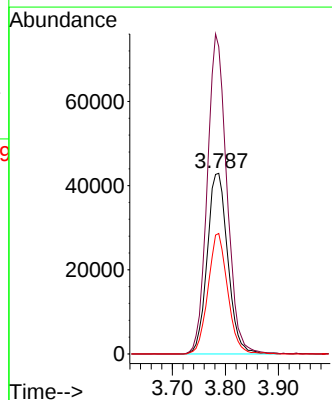
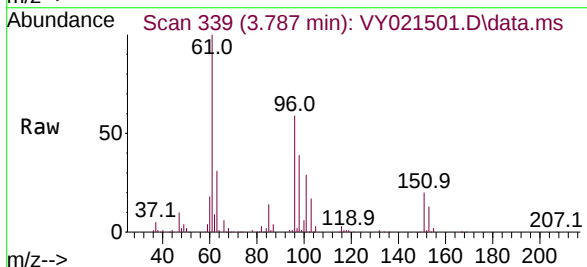
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

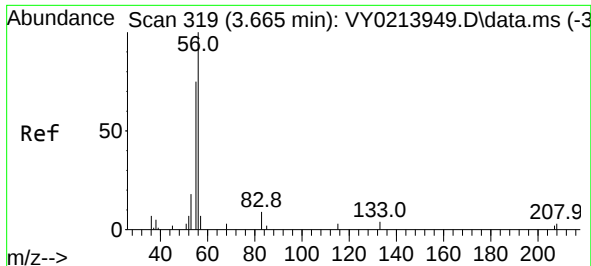
Tgt Ion: 59 Resp: 38330
Ion Ratio Lower Upper
59 100
57 11.7 8.2 12.4



#12
1,1-Dichloroethene
Concen: 47.820 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

Tgt Ion: 96 Resp: 115839
Ion Ratio Lower Upper
96 100
61 170.0 135.2 202.8
98 66.7 51.4 77.2

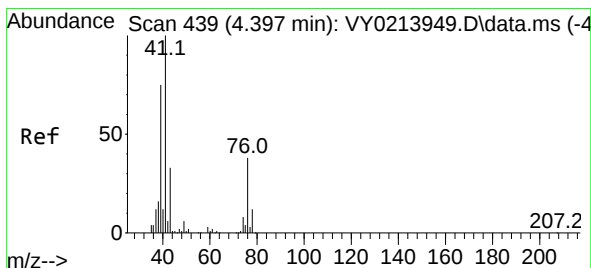
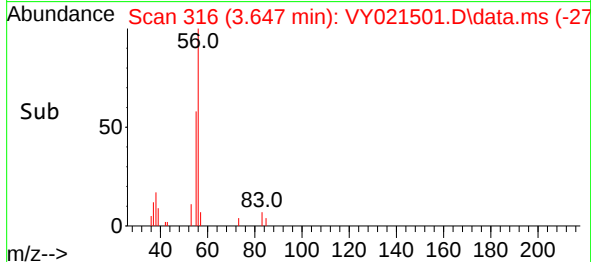
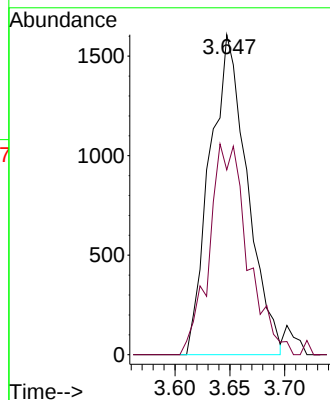
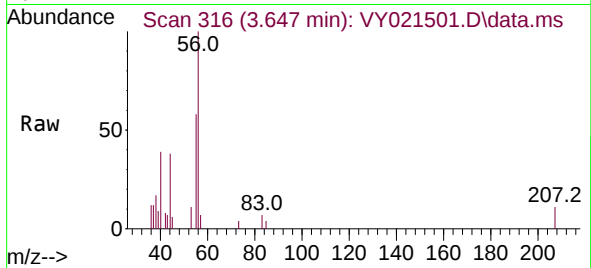




#13
Acrolein
Concen: 30.155 ug/l
RT: 3.647 min Scan# 31
Delta R.T. -0.018 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

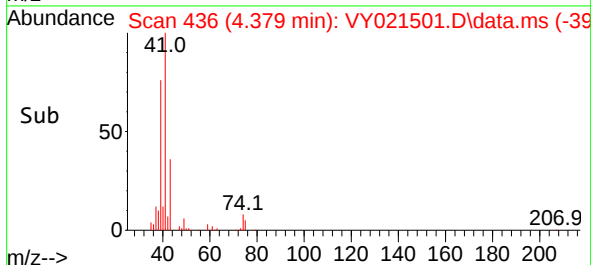
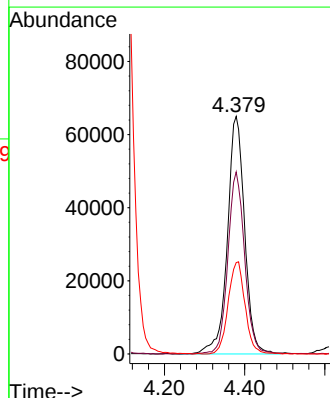
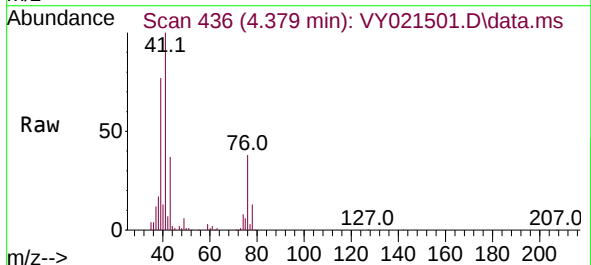
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

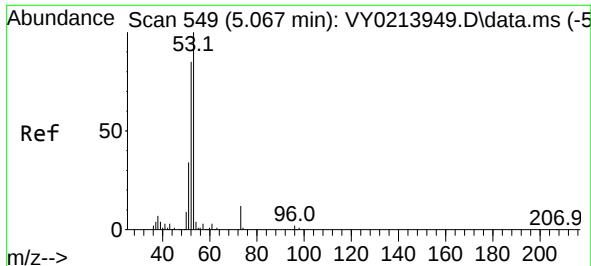
Tgt Ion: 56 Resp: 3823
Ion Ratio Lower Upper
56 100
55 67.6 63.4 95.2



#14
Allyl chloride
Concen: 49.566 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.018 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

Tgt Ion: 41 Resp: 194037
Ion Ratio Lower Upper
41 100
39 74.7 59.3 88.9
76 37.9 29.8 44.8

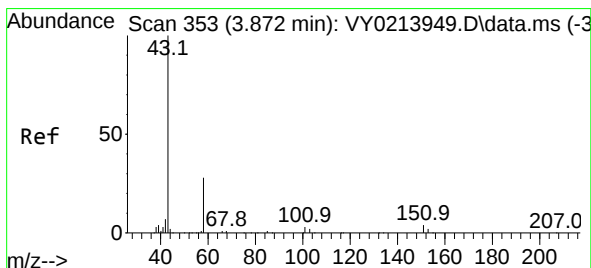
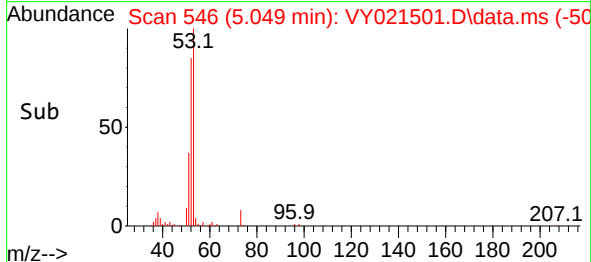
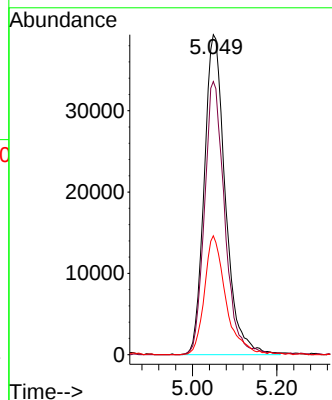
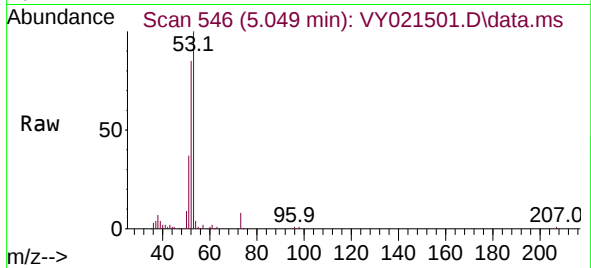




#15
Acrylonitrile
Concen: 249.771 ug/l
RT: 5.049 min Scan# 54
Delta R.T. -0.018 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

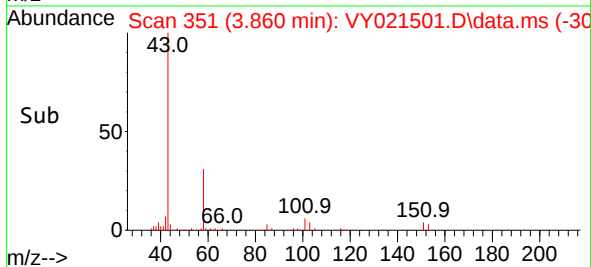
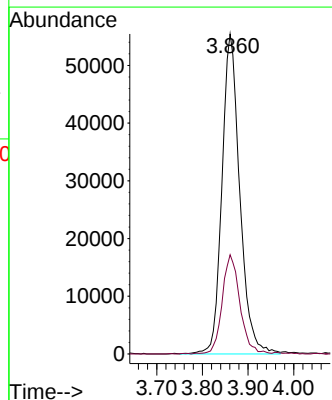
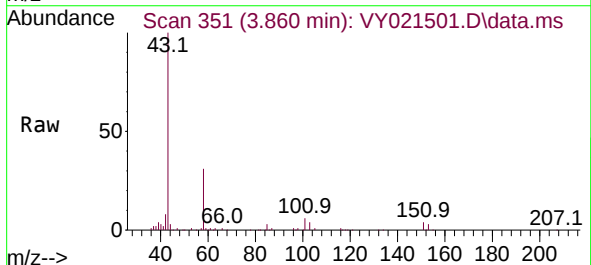
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

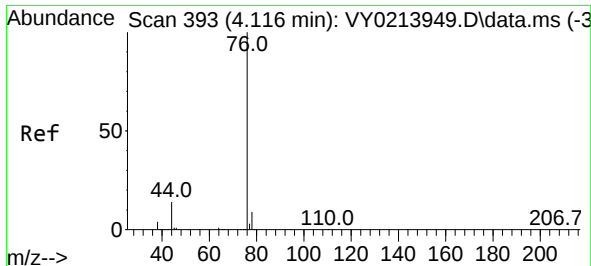
Tgt Ion: 53 Resp: 137125
Ion Ratio Lower Upper
53 100
52 82.0 66.3 99.5
51 37.5 30.3 45.5



#16
Acetone
Concen: 276.438 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

Tgt Ion: 43 Resp: 150281
Ion Ratio Lower Upper
43 100
58 30.9 22.1 33.1

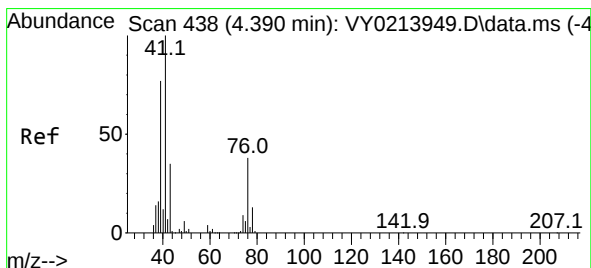
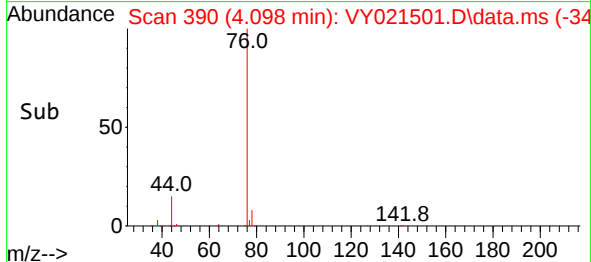
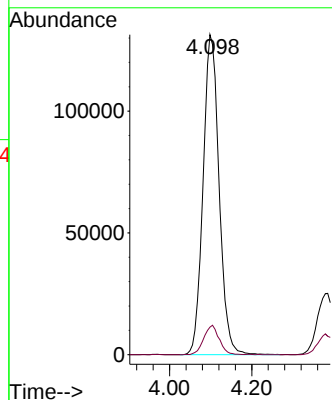
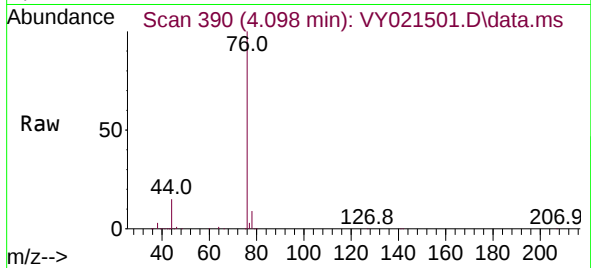




#17
Carbon Disulfide
Concen: 46.810 ug/l
RT: 4.098 min Scan# 393
Delta R.T. -0.018 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

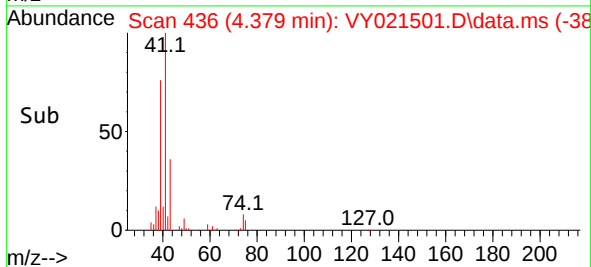
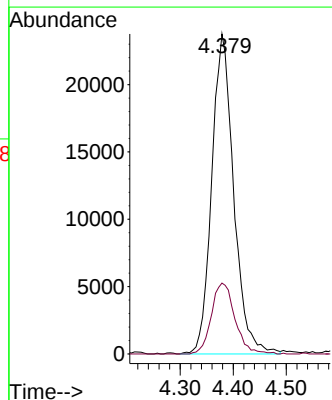
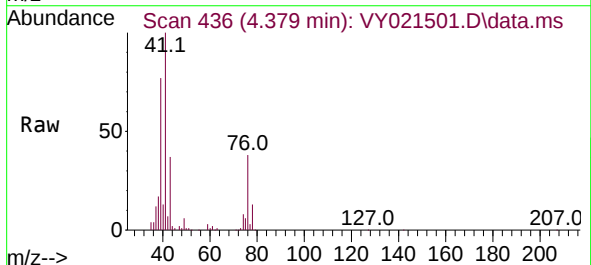
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

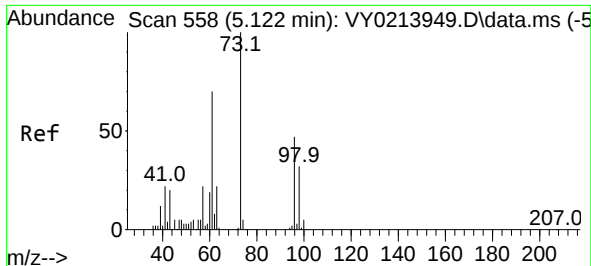
Tgt Ion: 76 Resp: 355367
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0



#18
Methyl Acetate
Concen: 56.664 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

Tgt Ion: 43 Resp: 68349
Ion Ratio Lower Upper
43 100
74 23.7 19.4 29.0

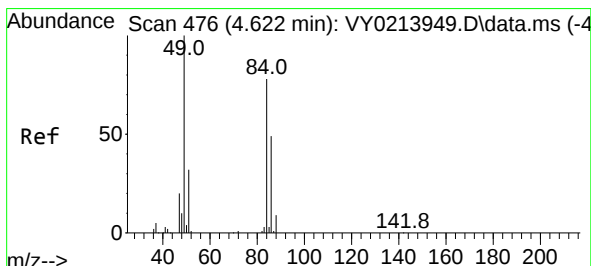
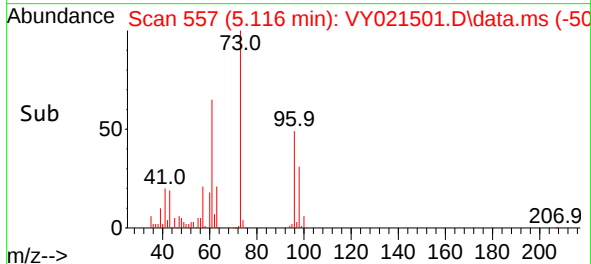
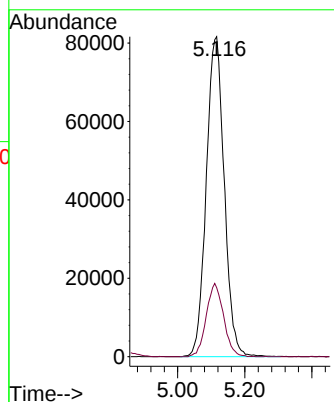
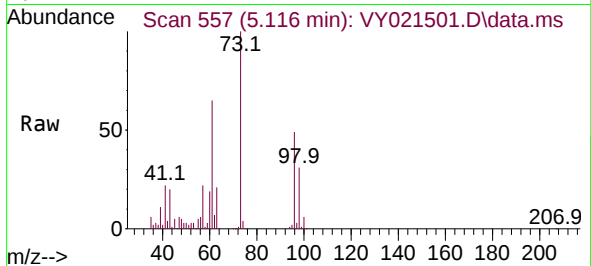




#19
Methyl tert-butyl Ether
Concen: 49.305 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

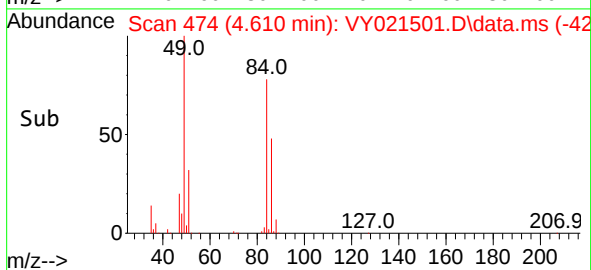
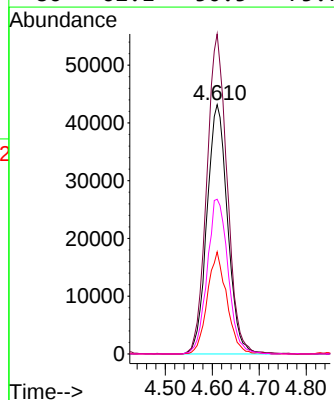
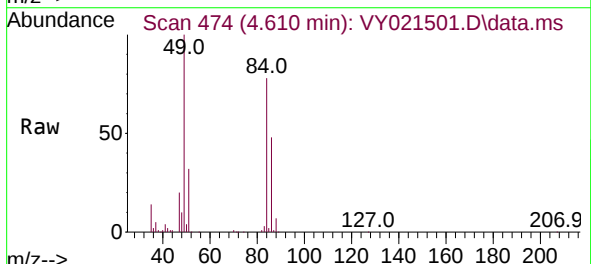
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 302718
Ion Ratio Lower Upper
73 100
57 21.6 17.9 26.9



#20
Methylene Chloride
Concen: 46.058 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

Tgt Ion: 84 Resp: 131432
Ion Ratio Lower Upper
84 100
49 128.4 102.0 153.0
51 41.0 33.0 49.6
86 62.1 50.5 75.7

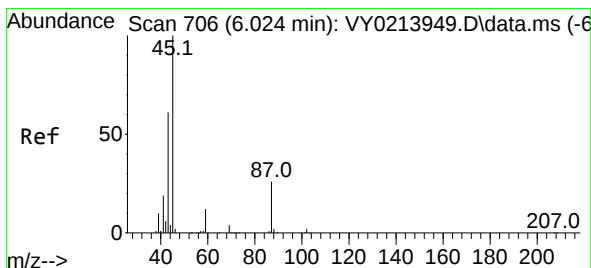
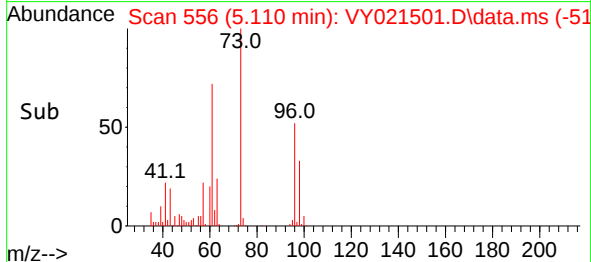
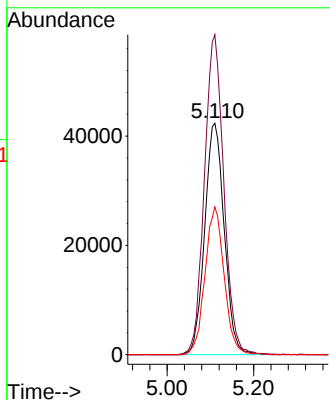
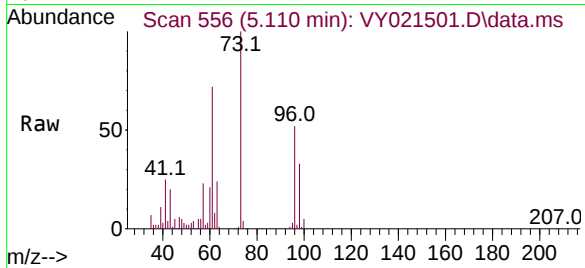




#21
trans-1,2-Dichloroethene
Concen: 49.105 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

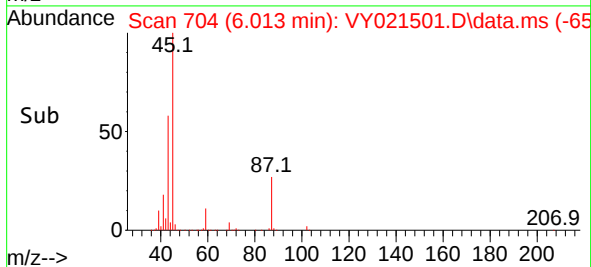
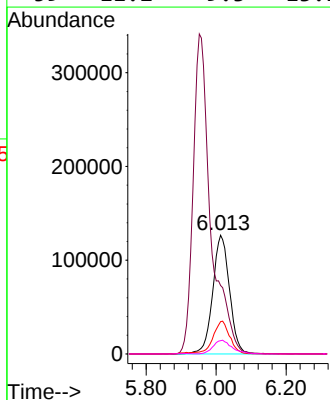
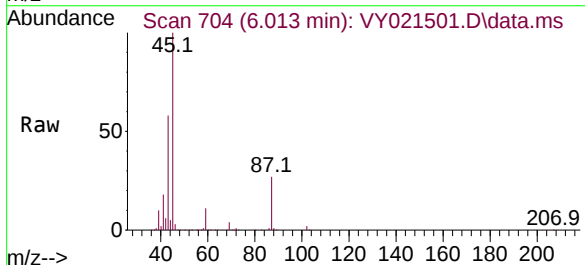
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

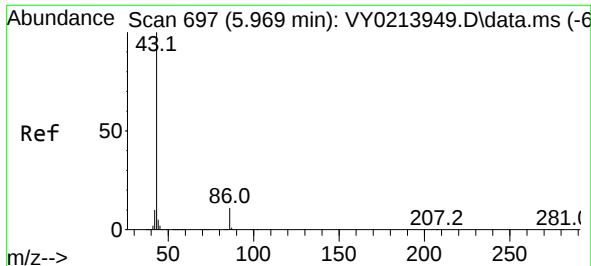
Tgt Ion: 96 Resp: 133215
Ion Ratio Lower Upper
96 100
61 138.2 111.5 167.3
98 63.8 53.8 80.8



#22
Diisopropyl ether
Concen: 50.092 ug/l
RT: 6.013 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

Tgt Ion: 45 Resp: 422601
Ion Ratio Lower Upper
45 100
43 57.5 48.7 73.1
87 27.2 21.5 32.3
59 11.2 9.3 13.9

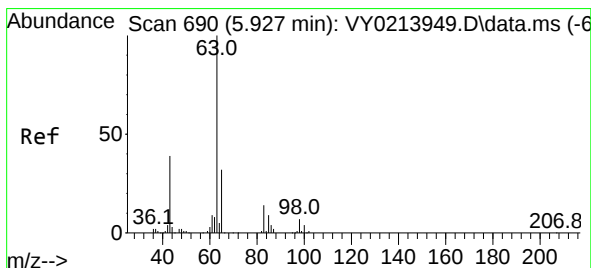
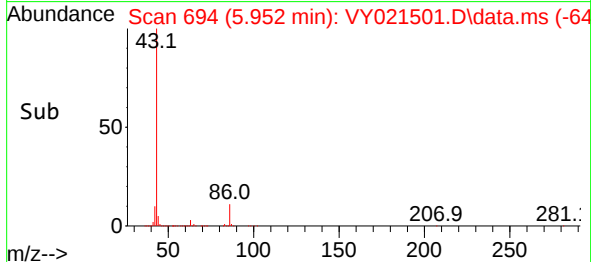
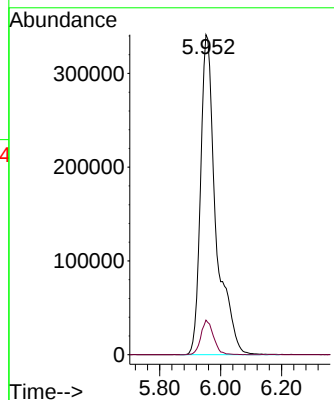
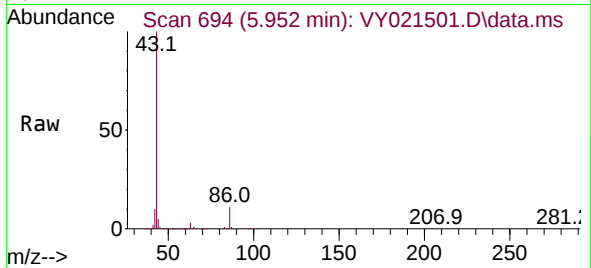




#23
 Vinyl Acetate
 Concen: 248.506 ug/l
 RT: 5.952 min Scan# 64
 Delta R.T. -0.018 min
 Lab File: VY021501.D
 Acq: 12 Mar 2025 11:19

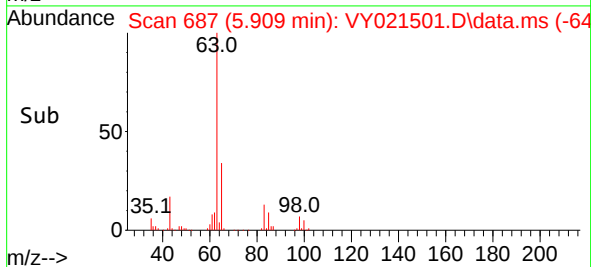
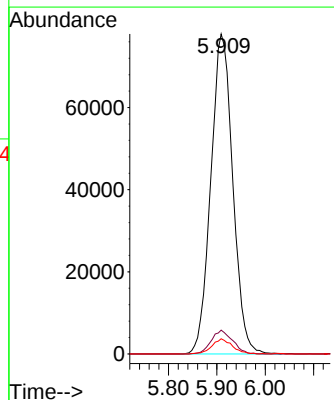
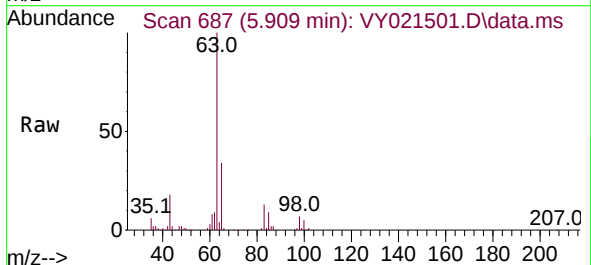
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

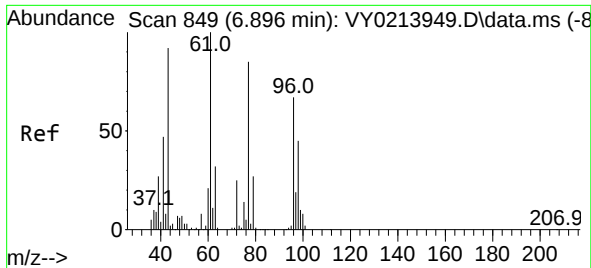
Tgt Ion: 43 Resp: 1196504
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 49.356 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.018 min
 Lab File: VY021501.D
 Acq: 12 Mar 2025 11:19

Tgt Ion: 63 Resp: 245755
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.3 9.9
 100 4.7 2.1 6.5

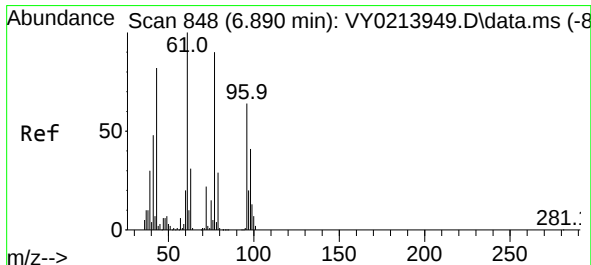
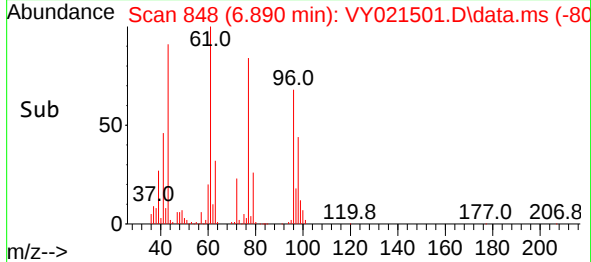
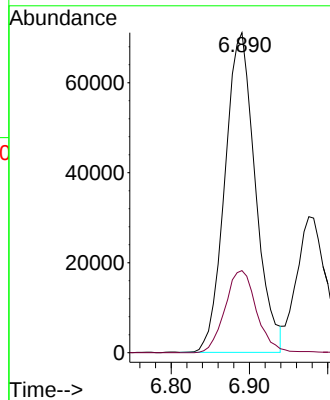
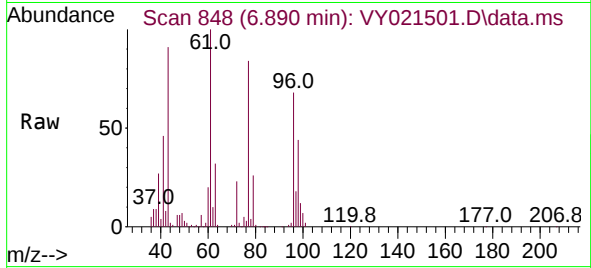




#25
2-Butanone
Concen: 254.707 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

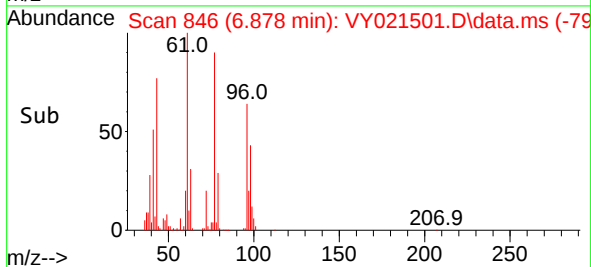
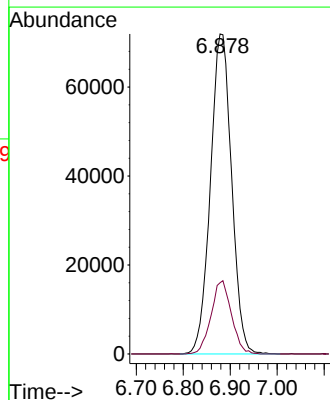
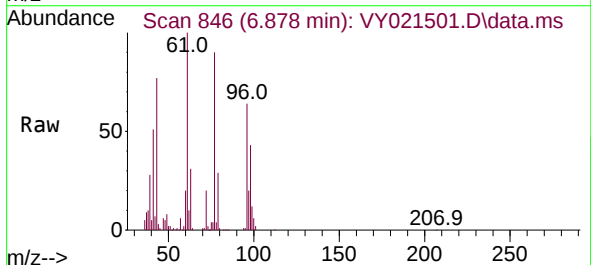
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

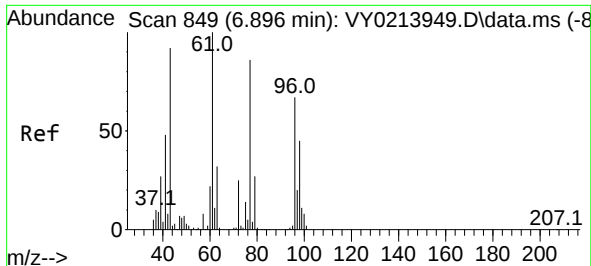
Tgt Ion: 43 Resp: 191542
Ion Ratio Lower Upper
43 100
72 25.7 21.4 32.0



#26
2,2-Dichloropropane
Concen: 49.118 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

Tgt Ion: 77 Resp: 225033
Ion Ratio Lower Upper
77 100
97 22.0 11.3 33.8

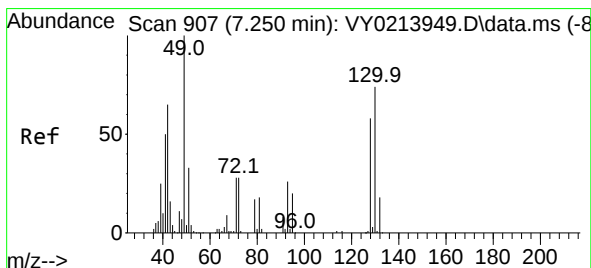
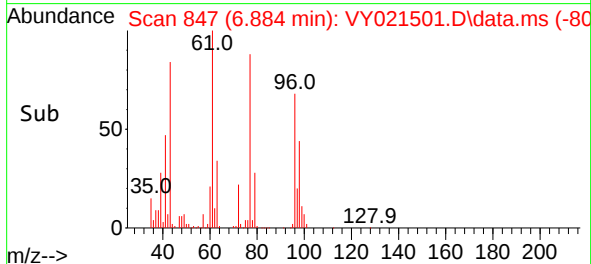
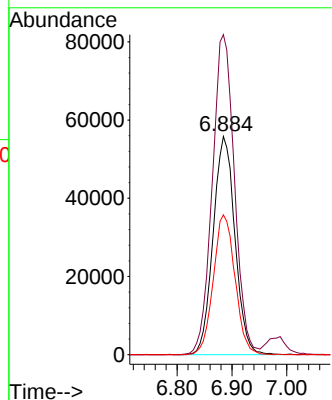
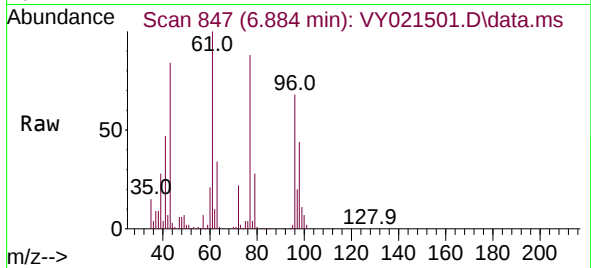




#27
 cis-1,2-Dichloroethene
 Concen: 50.037 ug/l
 RT: 6.884 min Scan# 849
 Delta R.T. -0.012 min
 Lab File: VY021501.D
 Acq: 12 Mar 2025 11:19

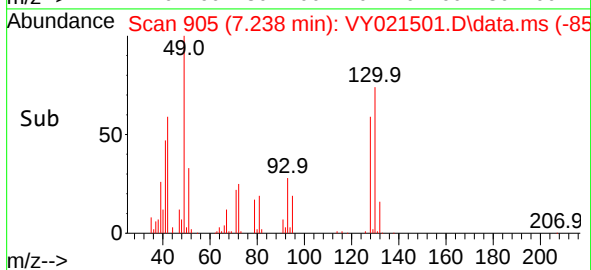
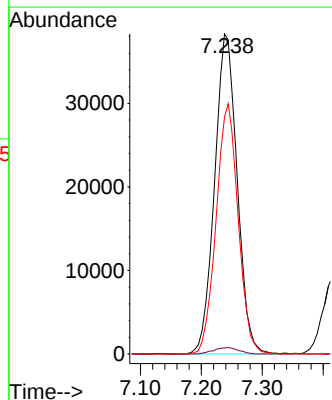
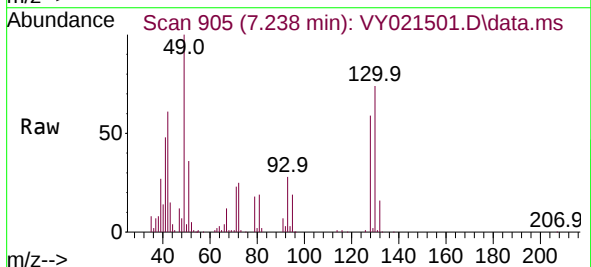
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

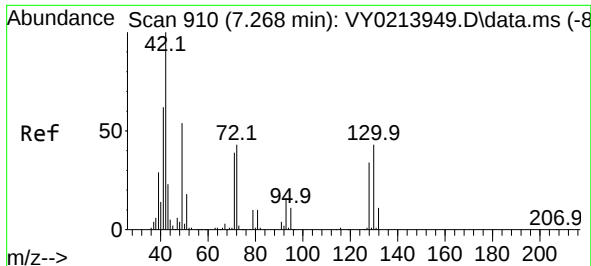
Tgt Ion: 96 Resp: 154210
 Ion Ratio Lower Upper
 96 100
 61 149.1 0.0 300.8
 98 63.8 0.0 130.0



#28
 Bromochloromethane
 Concen: 47.170 ug/l
 RT: 7.238 min Scan# 905
 Delta R.T. -0.012 min
 Lab File: VY021501.D
 Acq: 12 Mar 2025 11:19

Tgt Ion: 49 Resp: 98467
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 76.2 59.6 89.4

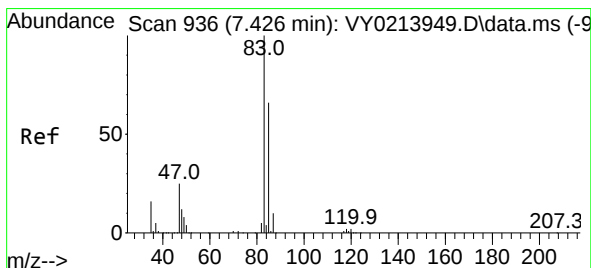
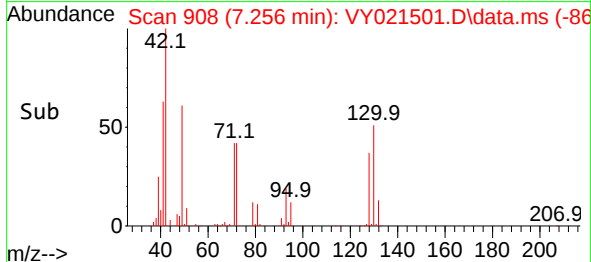
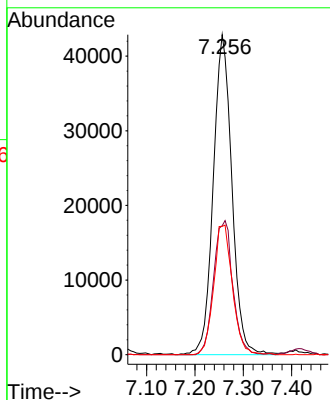
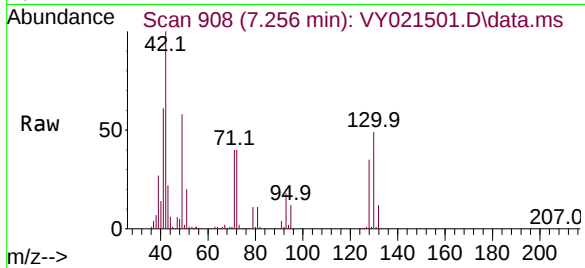




#29
Tetrahydrofuran
Concen: 247.188 ug/l
RT: 7.256 min Scan# 908
Delta R.T. -0.012 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

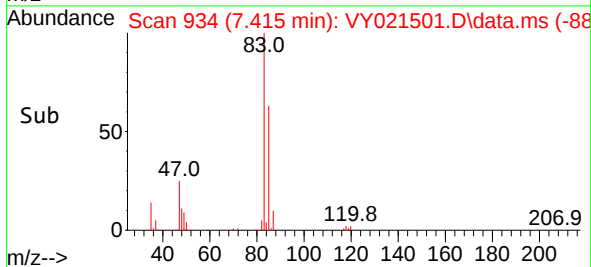
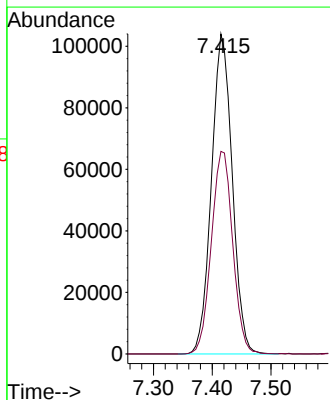
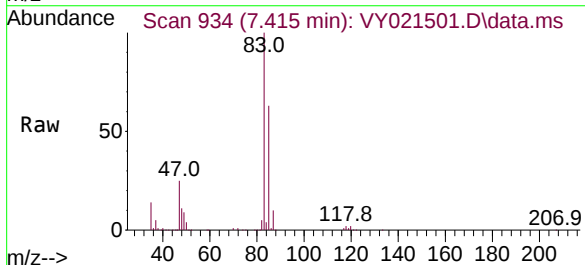
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

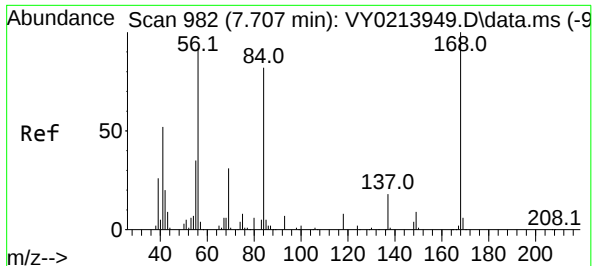
Tgt Ion: 42 Resp: 114758
Ion Ratio Lower Upper
42 100
72 43.2 34.8 52.2
71 40.8 32.6 48.8



#30
Chloroform
Concen: 49.395 ug/l
RT: 7.415 min Scan# 934
Delta R.T. -0.012 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

Tgt Ion: 83 Resp: 255395
Ion Ratio Lower Upper
83 100
85 63.3 53.1 79.7





#31

Cyclohexane

Concen: 44.927 ug/l

RT: 7.695 min Scan# 91

Delta R.T. -0.012 min

Lab File: VY021501.D

Acq: 12 Mar 2025 11:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

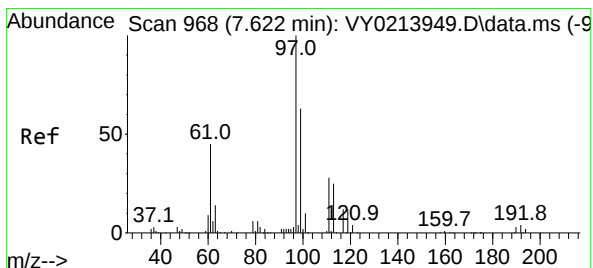
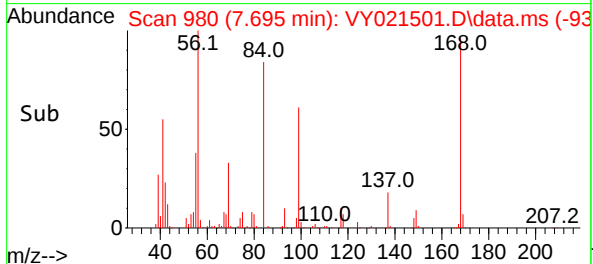
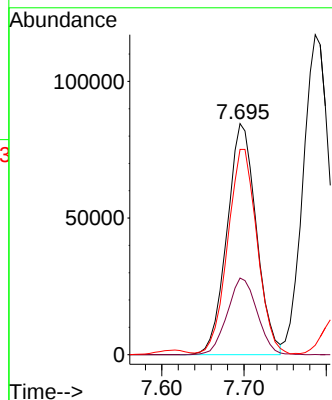
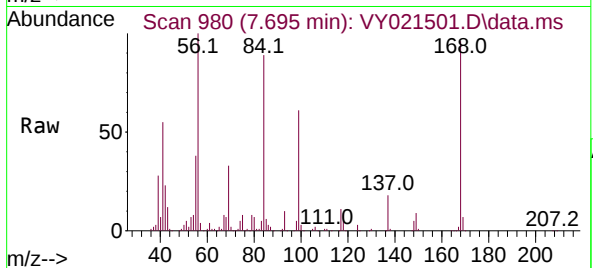
Tgt Ion: 56 Resp: 209721

Ion Ratio Lower Upper

56 100

69 33.2 27.0 40.4

84 87.0 71.1 106.7



#32

1,1,1-Trichloroethane

Concen: 48.600 ug/l

RT: 7.610 min Scan# 966

Delta R.T. -0.012 min

Lab File: VY021501.D

Acq: 12 Mar 2025 11:19

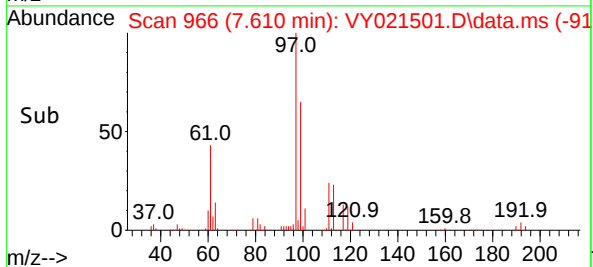
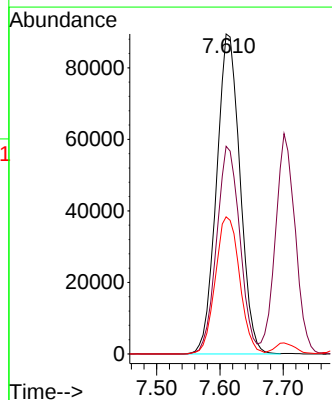
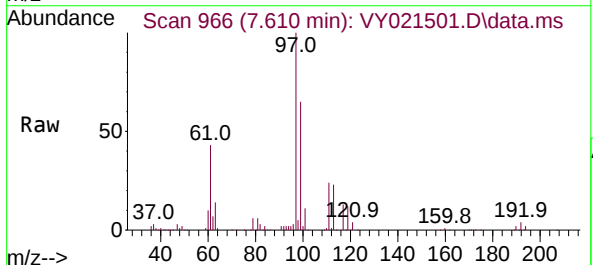
Tgt Ion: 97 Resp: 230084

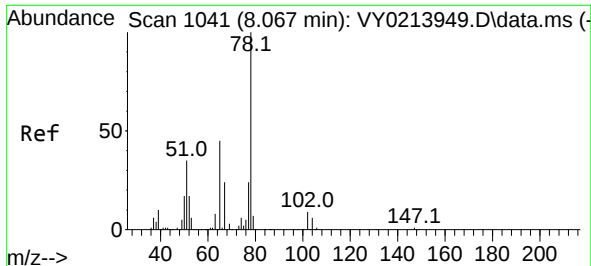
Ion Ratio Lower Upper

97 100

99 64.4 51.7 77.5

61 44.5 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 47.902 ug/l

RT: 8.055 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY021501.D

Acq: 12 Mar 2025 11:19

Instrument :

MSVOA_Y

ClientSampleId :

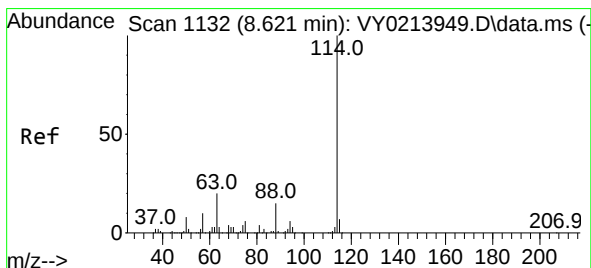
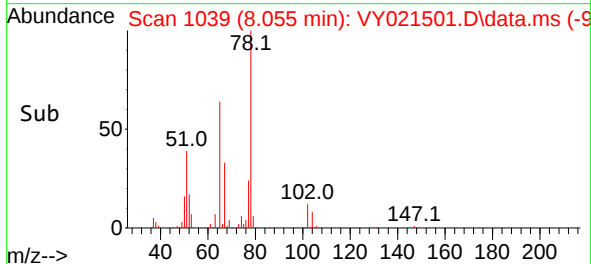
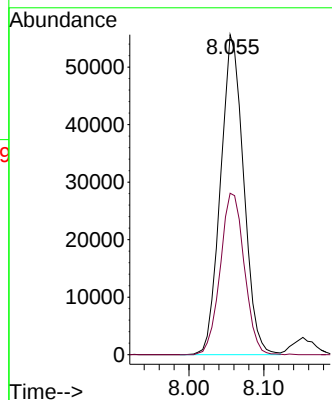
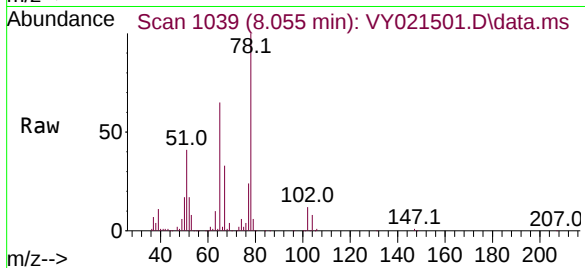
VSTDCCC050

Tgt Ion: 65 Resp: 119395

Ion Ratio Lower Upper

65 100

67 52.4 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.012 min

Lab File: VY021501.D

Acq: 12 Mar 2025 11:19

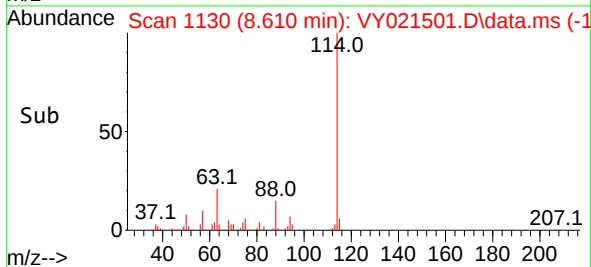
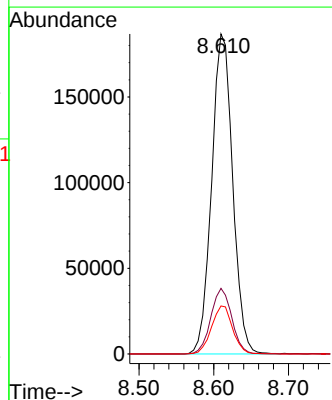
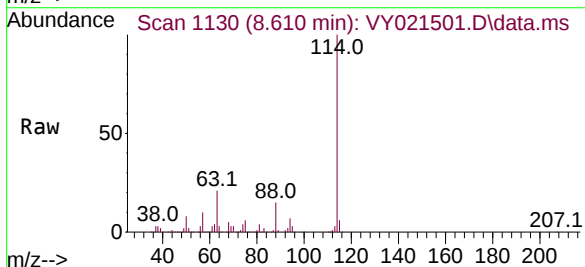
Tgt Ion: 114 Resp: 365053

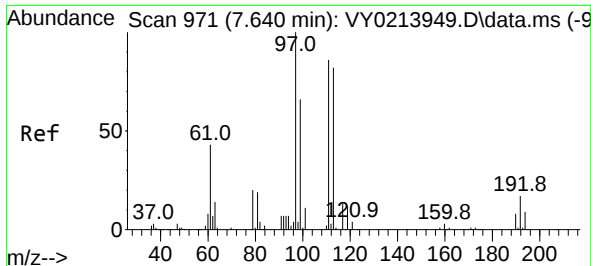
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

88 15.0 0.0 30.8





#35

Dibromofluoromethane

Concen: 48.382 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021501.D

Acq: 12 Mar 2025 11:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

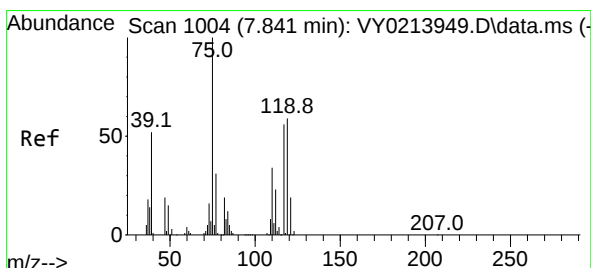
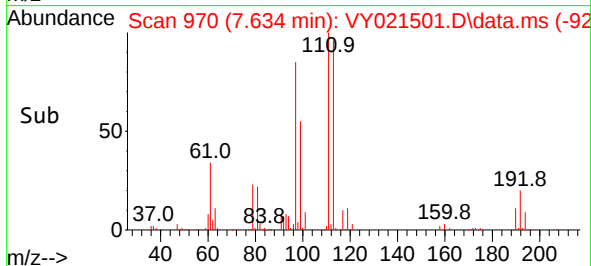
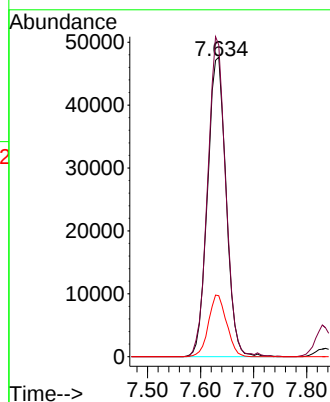
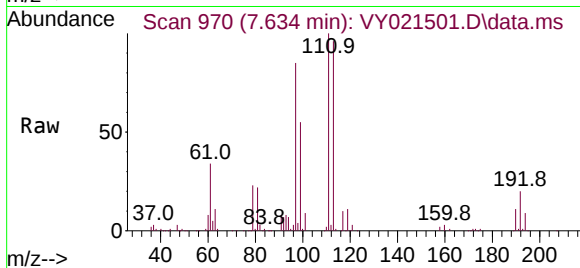
Tgt Ion:113 Resp: 116095

Ion Ratio Lower Upper

113 100

111 103.7 82.0 123.0

192 20.0 15.9 23.9



#36

1,1-Dichloropropene

Concen: 48.368 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. -0.012 min

Lab File: VY021501.D

Acq: 12 Mar 2025 11:19

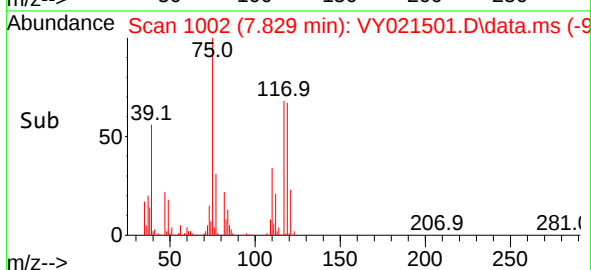
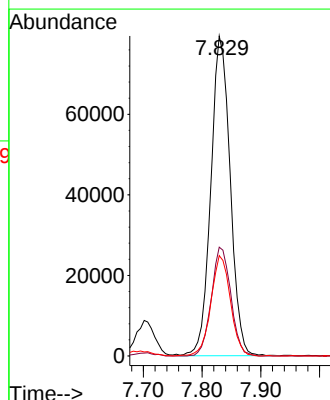
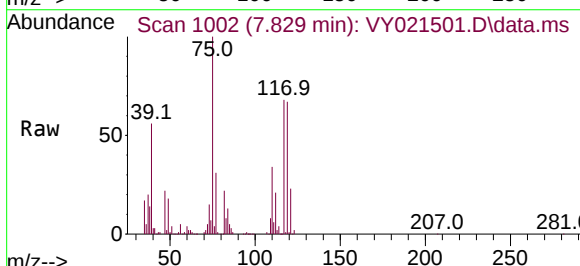
Tgt Ion: 75 Resp: 181671

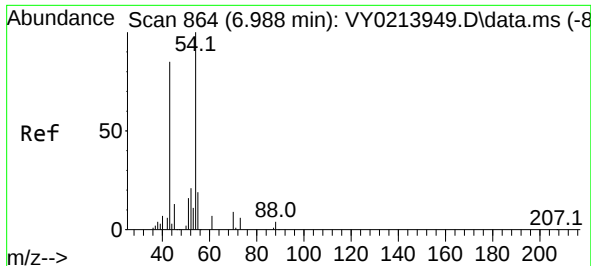
Ion Ratio Lower Upper

75 100

110 34.2 17.3 51.7

77 31.7 25.4 38.2





#37

Ethyl Acetate

Concen: 48.920 ug/l

RT: 6.976 min Scan# 81

Delta R.T. -0.012 min

Lab File: VY021501.D

Acq: 12 Mar 2025 11:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

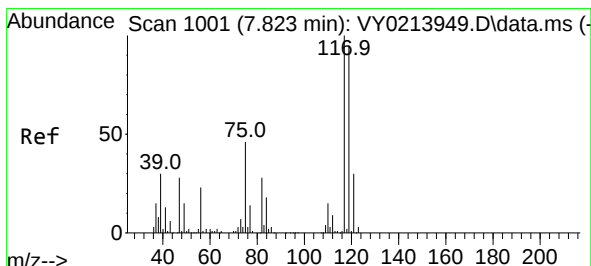
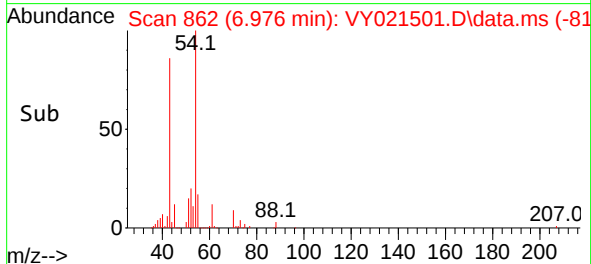
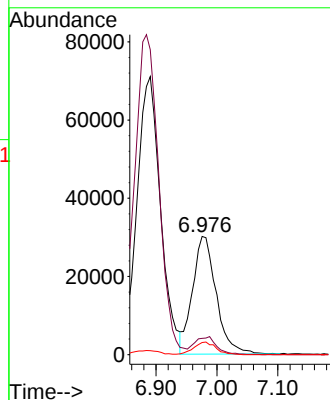
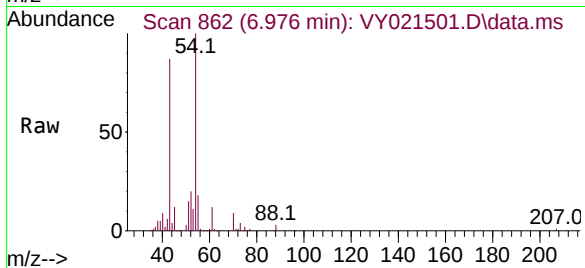
Tgt Ion: 43 Resp: 81213

Ion Ratio Lower Upper

43 100

61 14.3 11.4 17.0

70 10.1 8.2 12.2



#38

Carbon Tetrachloride

Concen: 48.074 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021501.D

Acq: 12 Mar 2025 11:19

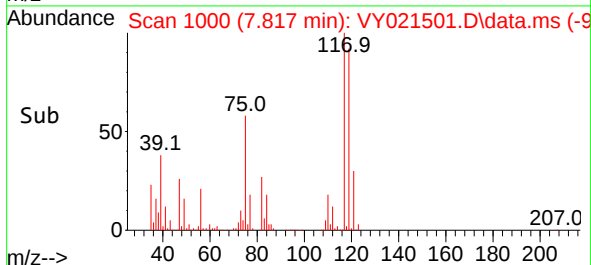
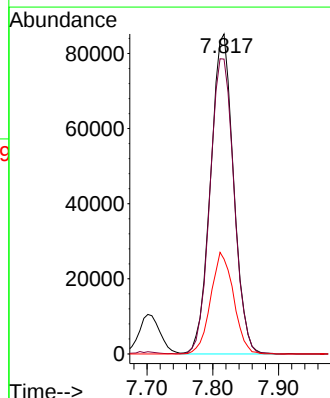
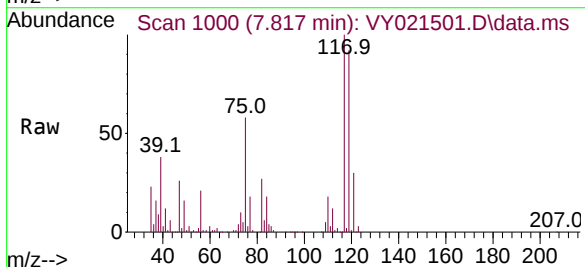
Tgt Ion: 117 Resp: 207668

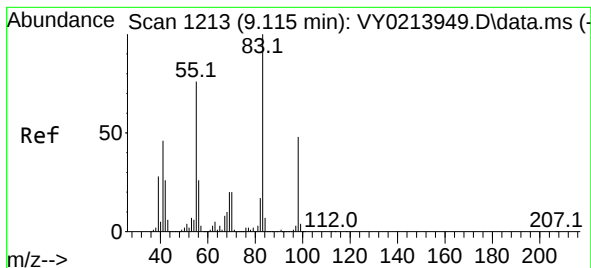
Ion Ratio Lower Upper

117 100

119 92.1 75.8 113.8

121 29.6 23.9 35.9

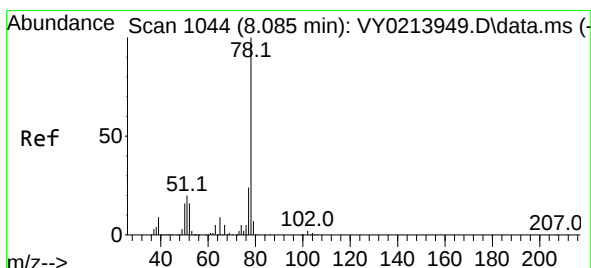
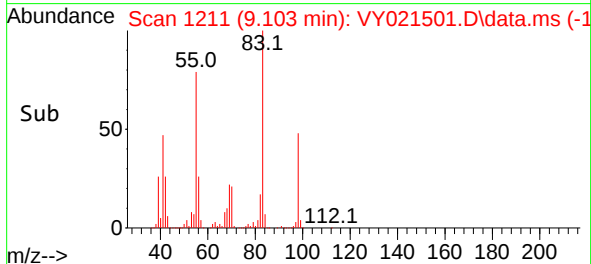
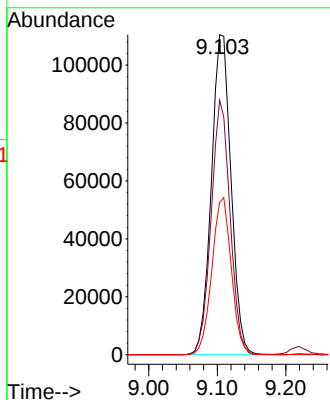
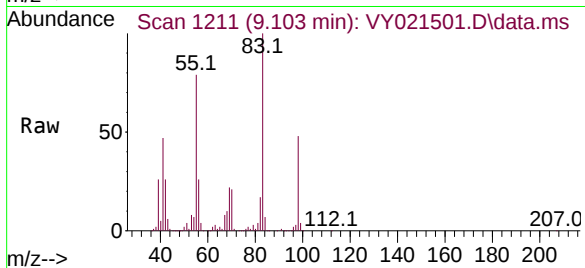




#39
Methylcyclohexane
Concen: 47.661 ug/l
RT: 9.103 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

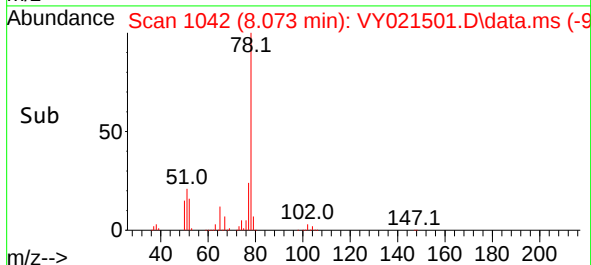
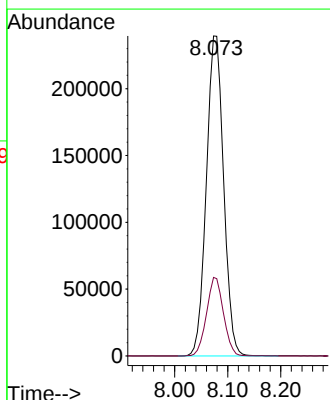
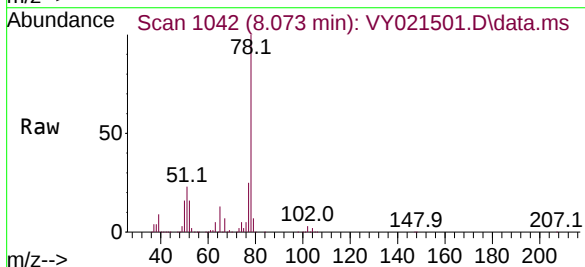
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

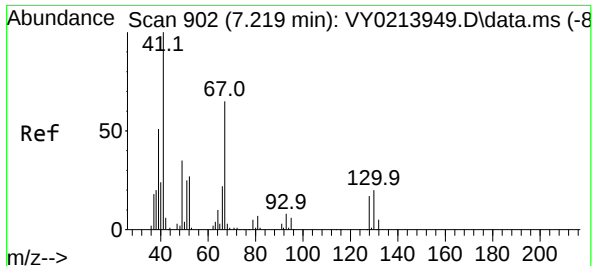
Tgt Ion: 83 Resp: 219585
Ion Ratio Lower Upper
83 100
55 79.5 60.7 91.1
98 47.6 38.6 57.8



#40
Benzene
Concen: 48.899 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. -0.012 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

Tgt Ion: 78 Resp: 541042
Ion Ratio Lower Upper
78 100
77 24.5 19.0 28.4

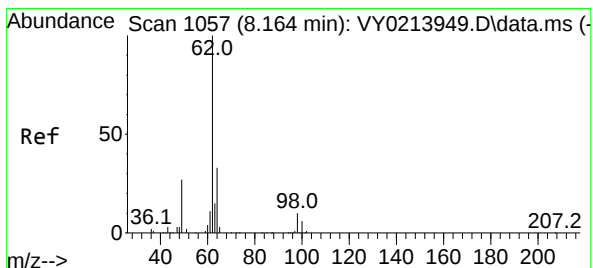
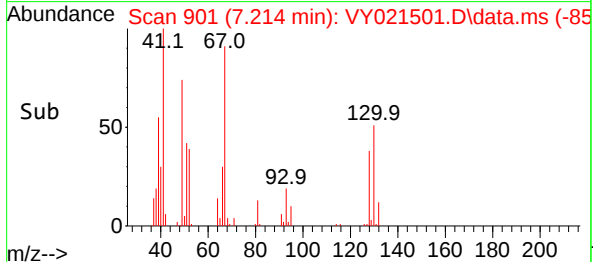
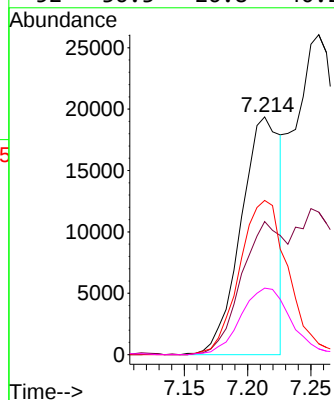
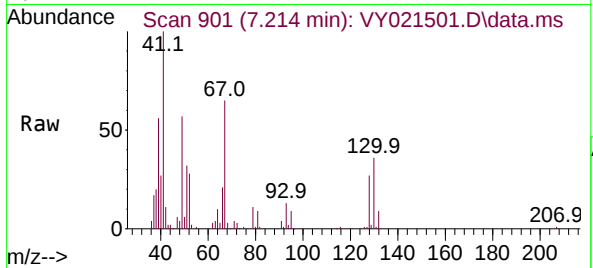




#41
Methacrylonitrile
Concen: 46.333 ug/l
RT: 7.214 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

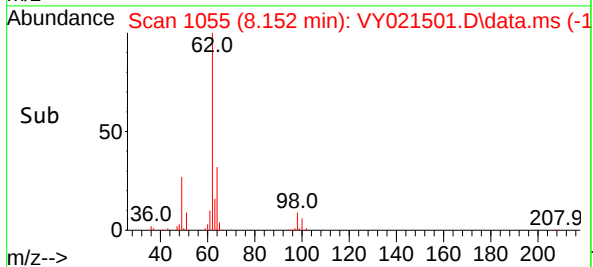
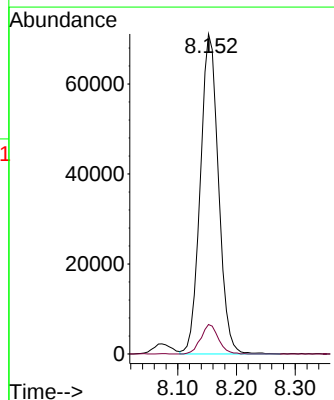
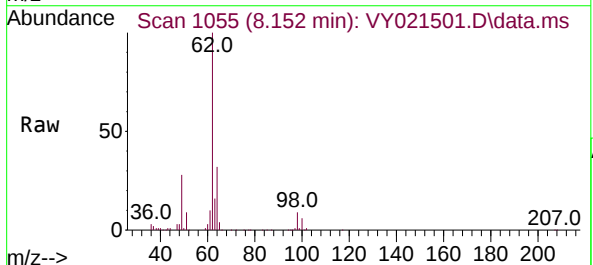
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

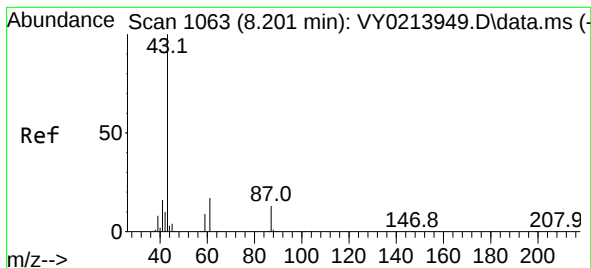
Tgt Ion: 41 Resp: 41882
Ion Ratio Lower Upper
41 100
39 63.0 35.0 52.6#
67 80.9 61.2 91.8
52 36.3 26.8 40.2



#42
1,2-Dichloroethane
Concen: 49.384 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

Tgt Ion: 62 Resp: 152860
Ion Ratio Lower Upper
62 100
98 8.9 0.0 18.2





#43

Isopropyl Acetate

Concen: 47.865 ug/l

RT: 8.195 min Scan# 1107

Delta R.T. -0.006 min

Lab File: VY021501.D

Acq: 12 Mar 2025 11:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

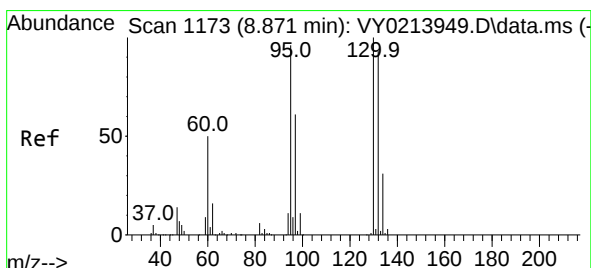
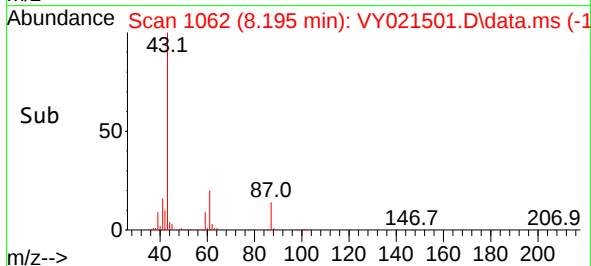
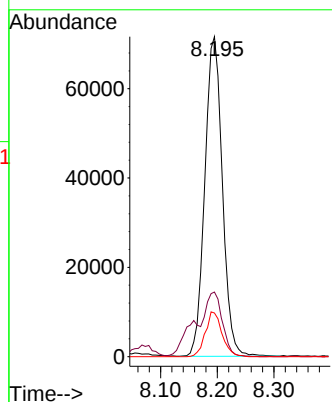
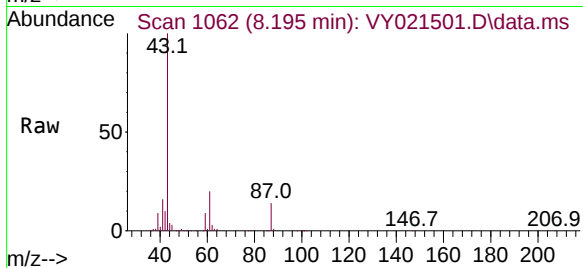
Tgt Ion: 43 Resp: 154254

Ion Ratio Lower Upper

43 100

61 19.6 23.4 35.0#

87 13.3 10.5 15.7



#44

Trichloroethene

Concen: 48.880 ug/l

RT: 8.860 min Scan# 1171

Delta R.T. -0.012 min

Lab File: VY021501.D

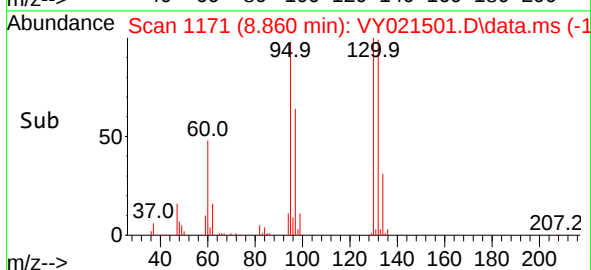
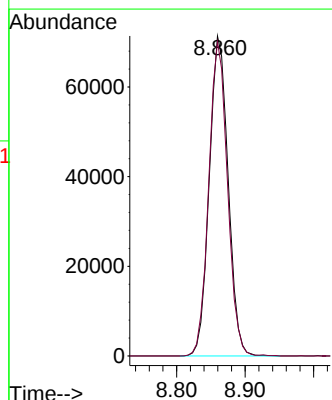
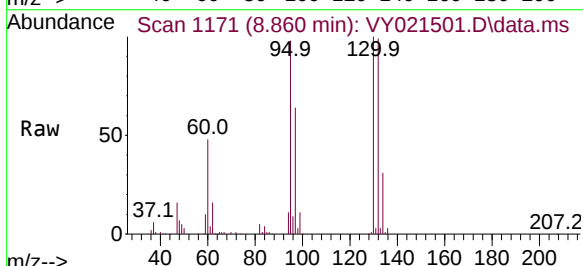
Acq: 12 Mar 2025 11:19

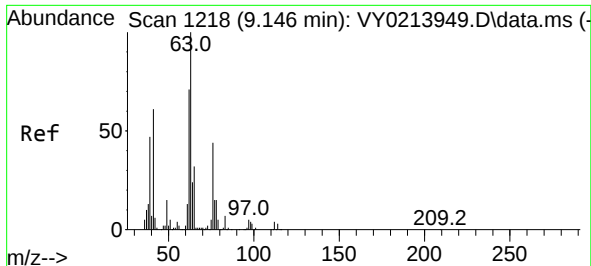
Tgt Ion:130 Resp: 136668

Ion Ratio Lower Upper

130 100

95 98.2 0.0 191.6

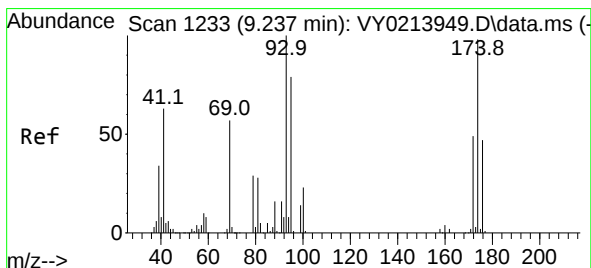
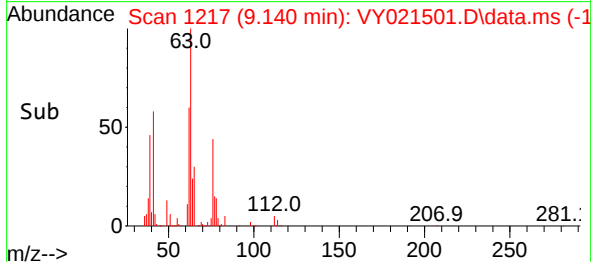
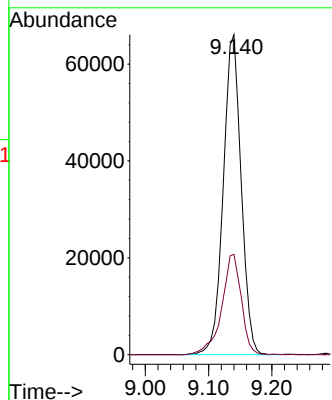
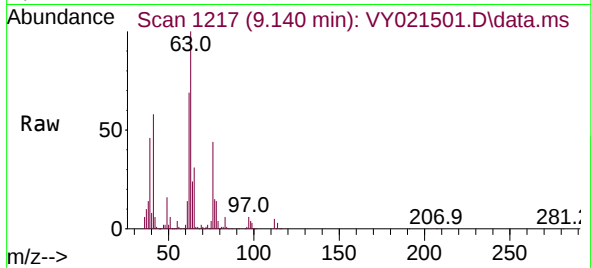




#45
1,2-Dichloropropane
Concen: 49.152 ug/l
RT: 9.140 min Scan# 1217
Delta R.T. -0.006 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

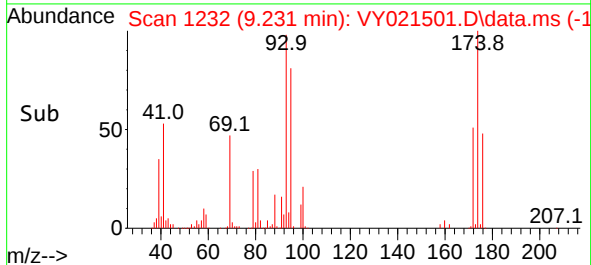
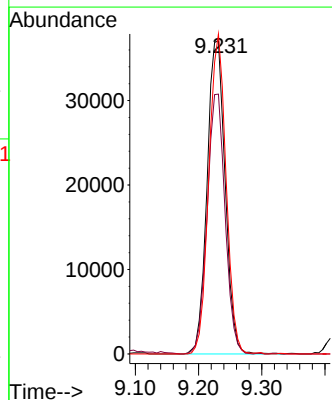
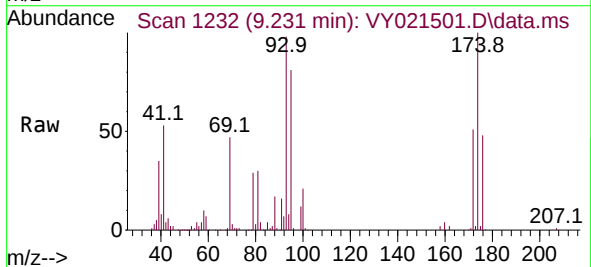
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

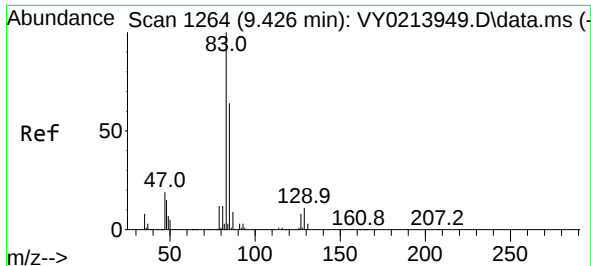
Tgt Ion: 63 Resp: 129435
Ion Ratio Lower Upper
63 100
65 31.3 26.0 39.0



#46
Dibromomethane
Concen: 50.376 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.006 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

Tgt Ion: 93 Resp: 73812
Ion Ratio Lower Upper
93 100
95 82.2 65.8 98.8
174 96.9 77.9 116.9

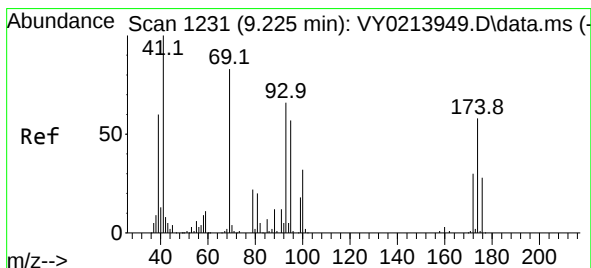
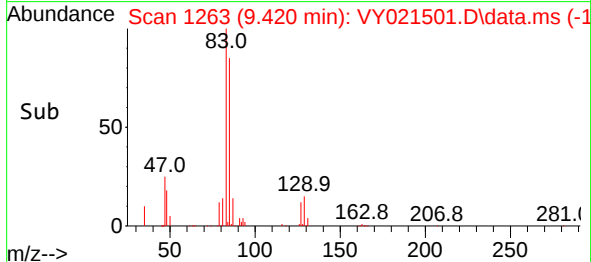
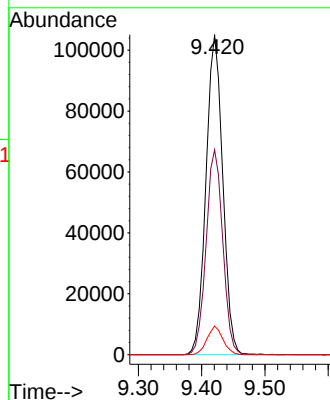
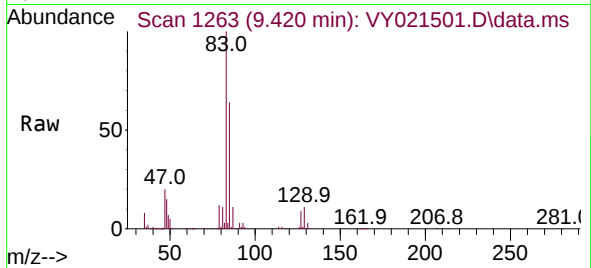




#47
Bromodichloromethane
Concen: 49.754 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

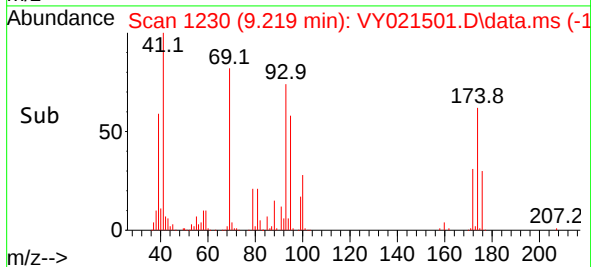
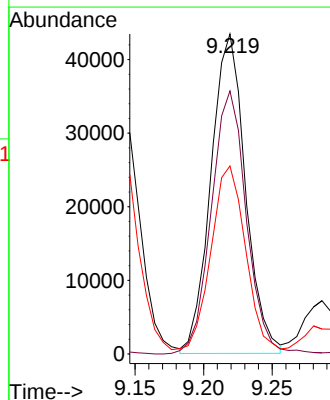
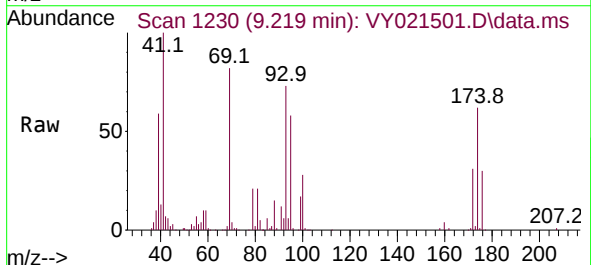
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

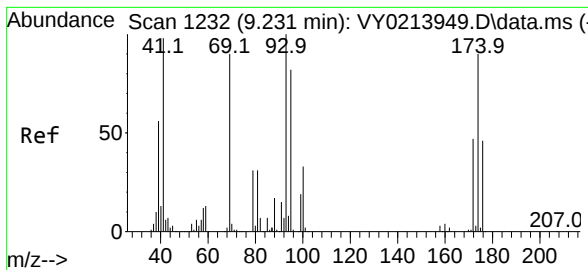
Tgt Ion: 83 Resp: 193602
Ion Ratio Lower Upper
83 100
85 64.0 51.1 76.7
127 9.0 6.7 10.1



#48
Methyl methacrylate
Concen: 51.352 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

Tgt Ion: 41 Resp: 75994
Ion Ratio Lower Upper
41 100
69 83.9 67.8 101.8
39 57.2 46.4 69.6

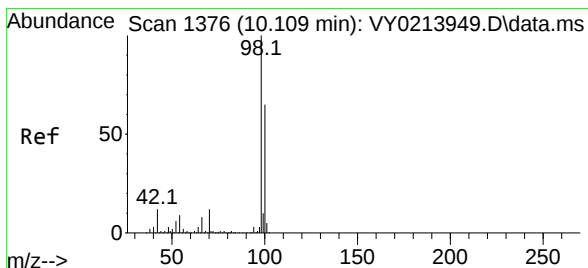
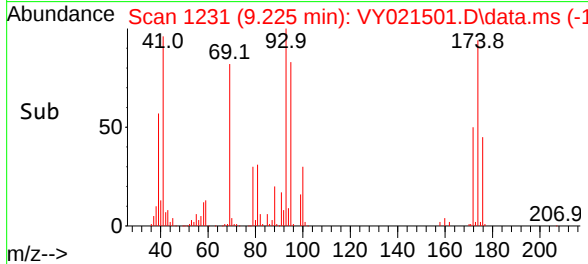
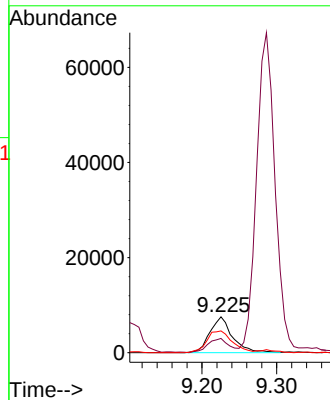
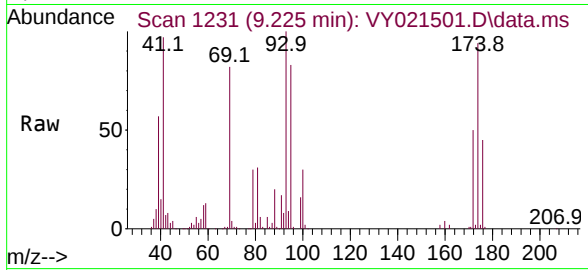




#49
1,4-Dioxane
Concen: 1107.037 ug/l
RT: 9.225 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

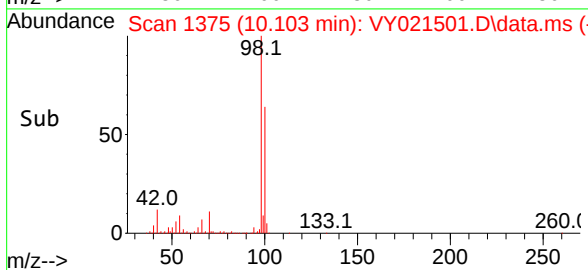
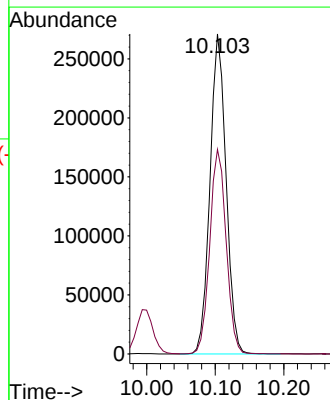
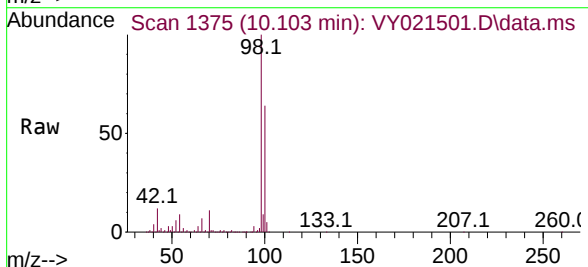
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

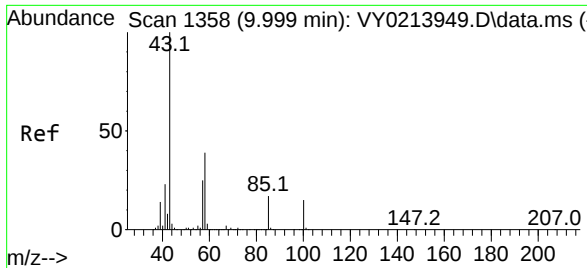
Tgt Ion: 88 Resp: 15921
Ion Ratio Lower Upper
88 100
43 37.8 25.0 37.4#
58 68.0 58.4 87.6



#50
Toluene-d8
Concen: 48.677 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

Tgt Ion: 98 Resp: 442252
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1

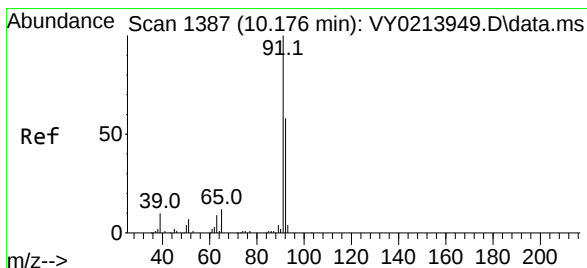
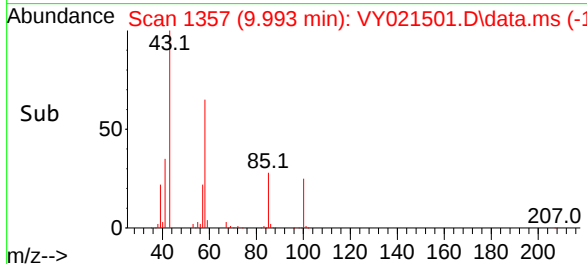
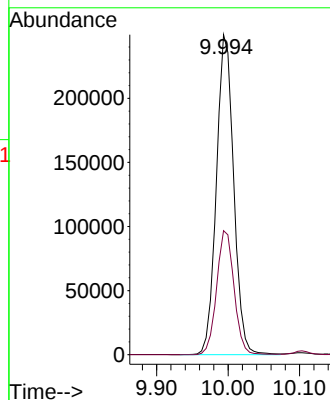
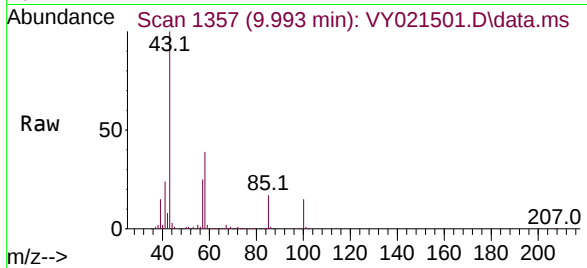




#51
4-Methyl-2-Pentanone
Concen: 252.478 ug/l
RT: 9.993 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

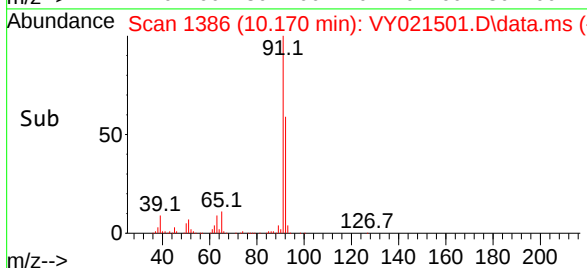
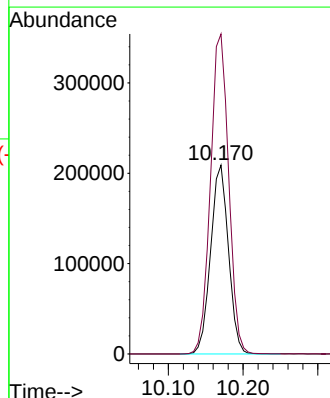
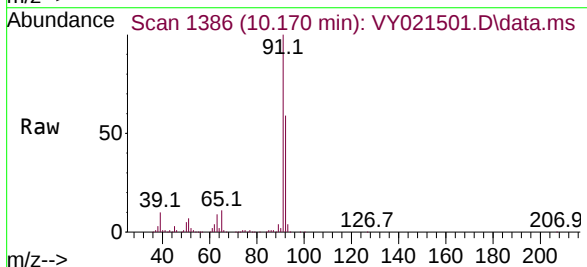
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

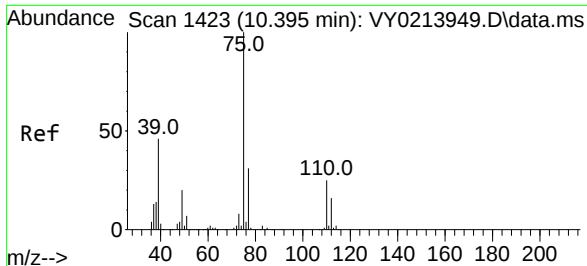
Tgt Ion: 43 Resp: 419825
Ion Ratio Lower Upper
43 100
58 39.0 31.4 47.2



#52
Toluene
Concen: 49.670 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

Tgt Ion: 92 Resp: 346486
Ion Ratio Lower Upper
92 100
91 173.1 138.2 207.2





#53

t-1,3-Dichloropropene

Concen: 51.115 ug/l

RT: 10.390 min Scan# 1423

Delta R.T. -0.006 min

Lab File: VY021501.D

Acq: 12 Mar 2025 11:19

Instrument :

MSVOA_Y

ClientSampleId :

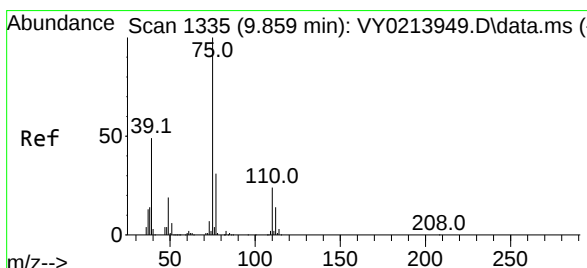
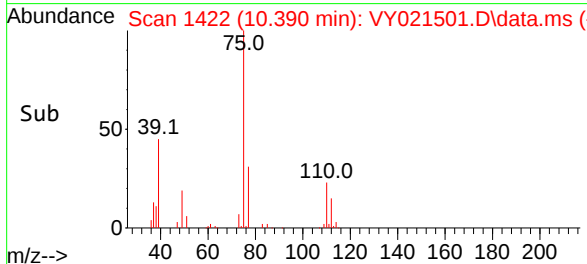
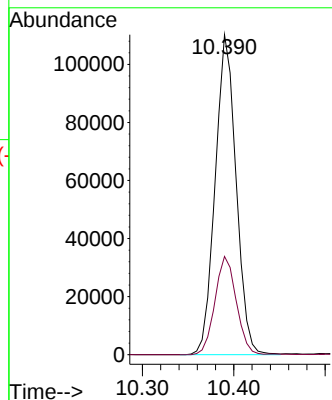
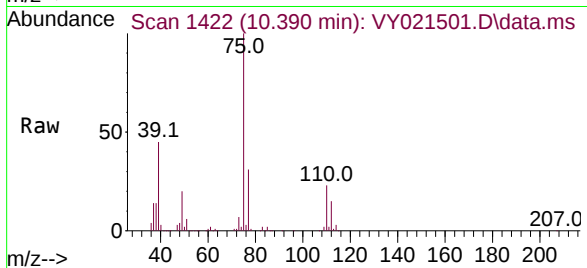
VSTDCCC050

Tgt Ion: 75 Resp: 175233

Ion Ratio Lower Upper

75 100

77 30.7 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 50.080 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. -0.006 min

Lab File: VY021501.D

Acq: 12 Mar 2025 11:19

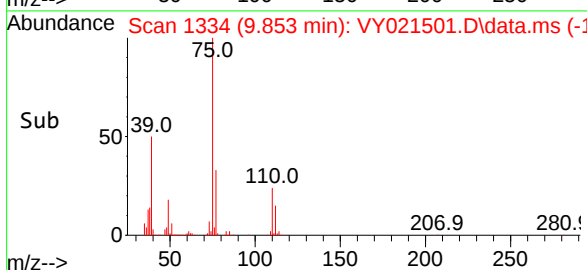
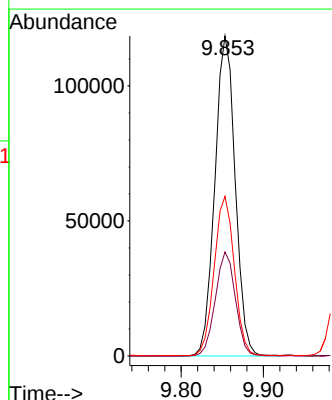
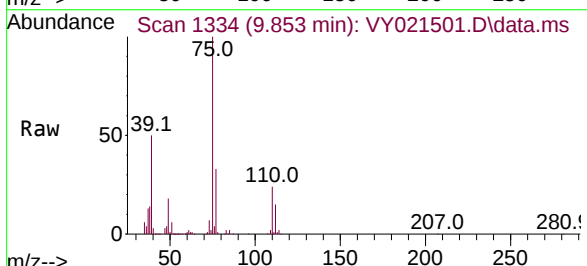
Tgt Ion: 75 Resp: 203832

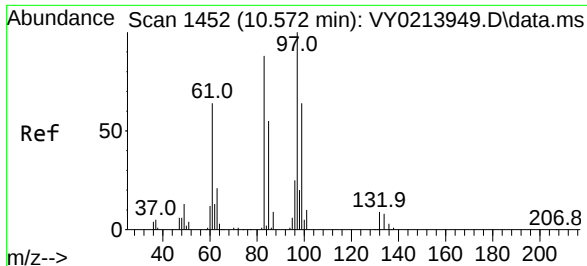
Ion Ratio Lower Upper

75 100

77 32.5 24.6 37.0

39 49.8 39.4 59.2

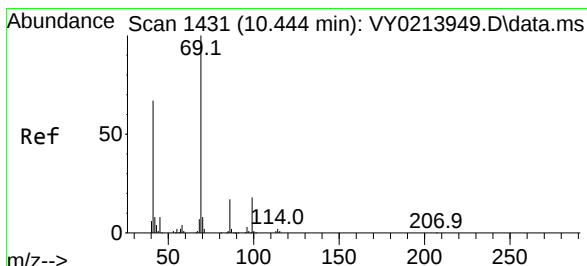
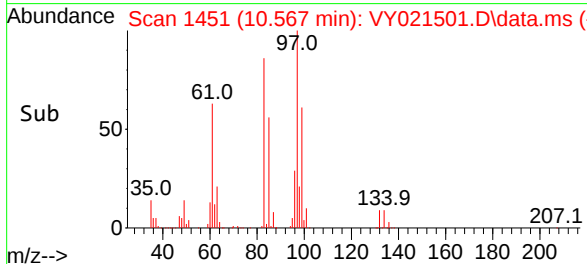
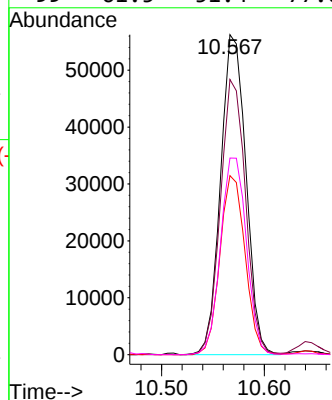
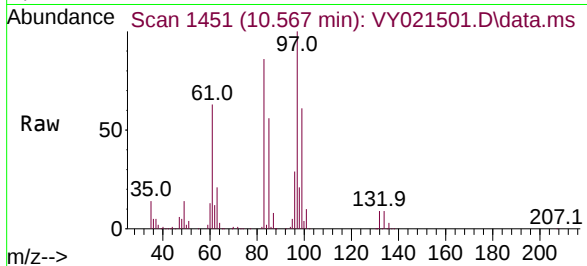




#55
1,1,2-Trichloroethane
Concen: 50.377 ug/l
RT: 10.567 min Scan# 1451
Delta R.T. -0.006 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

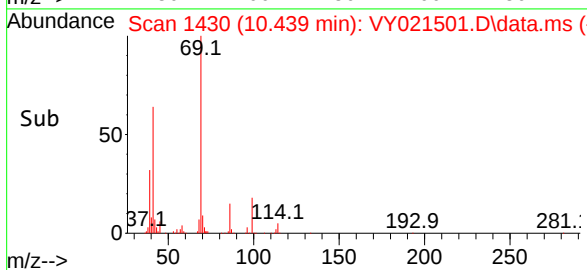
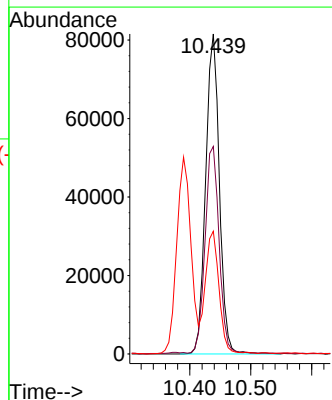
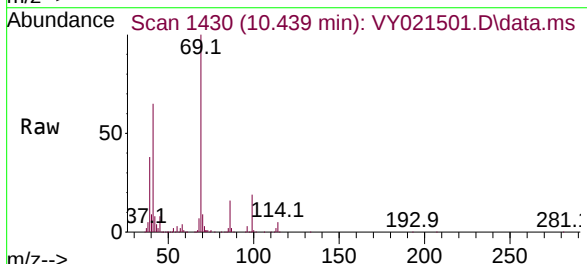
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:	97	Resp:	96555
Ion	Ratio	Lower	Upper
97	100		
83	86.0	70.0	105.0
85	56.0	44.3	66.5
99	61.5	51.4	77.0



#56
Ethyl methacrylate
Concen: 52.181 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

Tgt Ion:	69	Resp:	127553
Ion	Ratio	Lower	Upper
69	100		
41	66.6	53.3	79.9
39	37.6	31.0	46.6

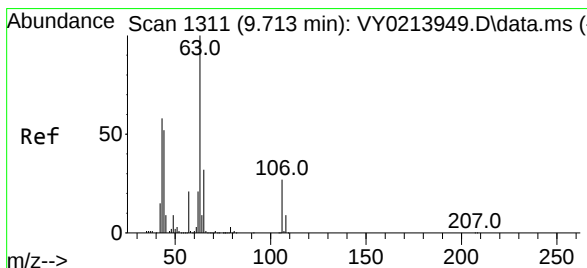
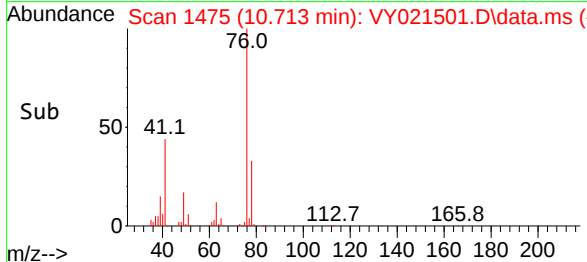
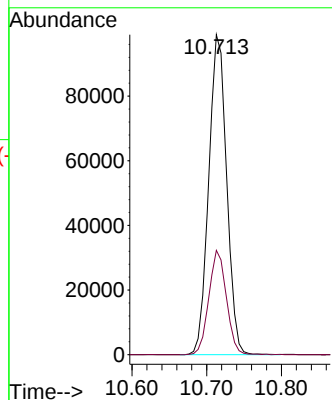
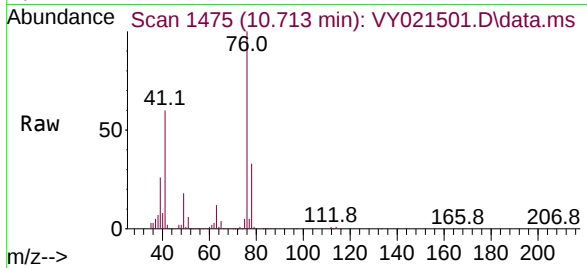




#57
1,3-Dichloropropane
Concen: 49.652 ug/l
RT: 10.713 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

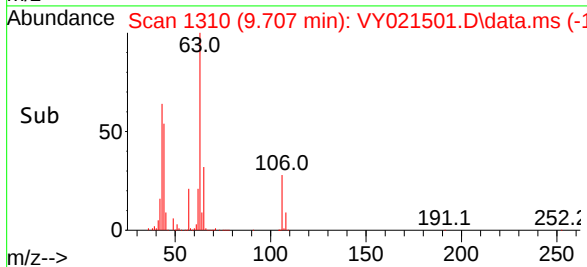
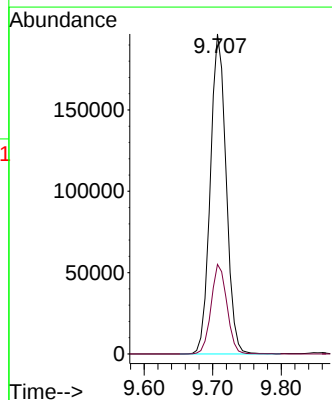
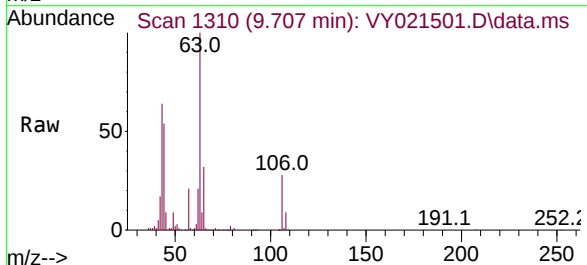
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

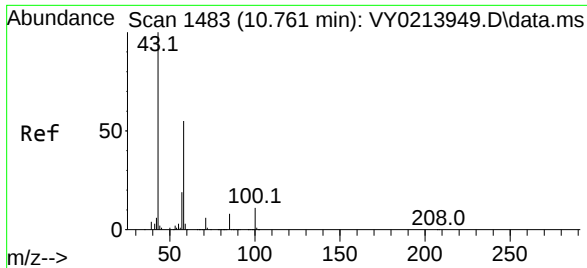
Tgt Ion: 76 Resp: 164941
Ion Ratio Lower Upper
76 100
78 32.0 26.3 39.5



#58
2-Chloroethyl Vinyl ether
Concen: 279.373 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

Tgt Ion: 63 Resp: 315245
Ion Ratio Lower Upper
63 100
106 27.9 22.1 33.1

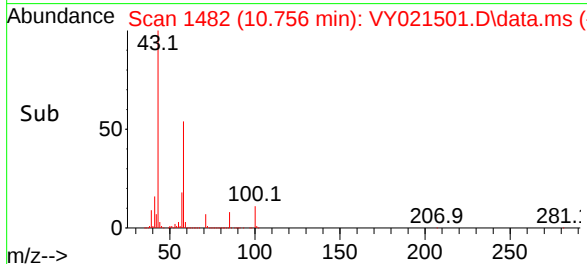
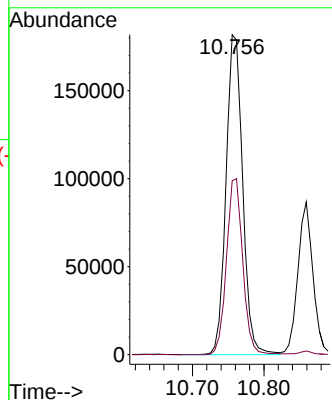
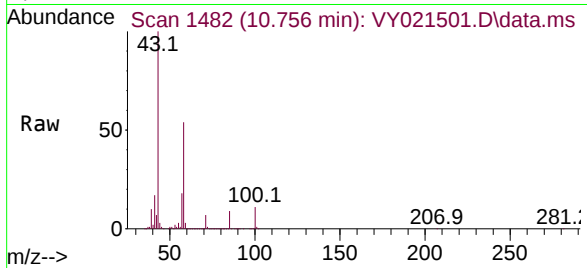




#59
2-Hexanone
Concen: 267.063 ug/l
RT: 10.756 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

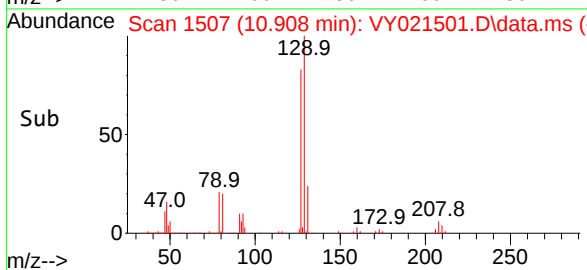
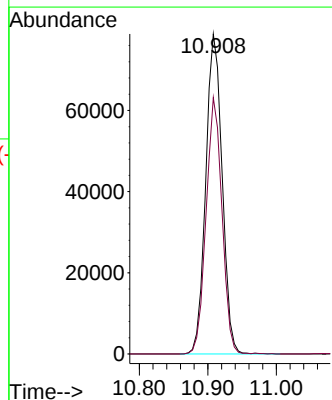
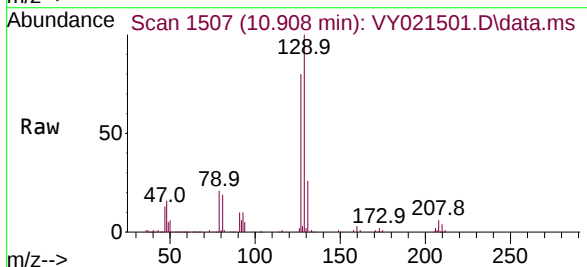
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

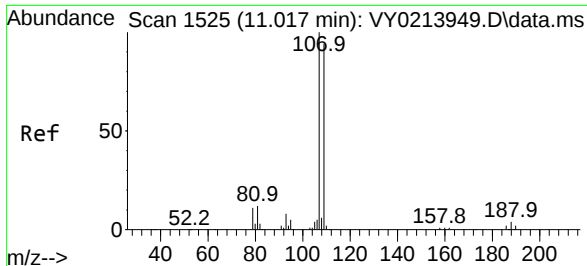
Tgt Ion: 43 Resp: 293635
Ion Ratio Lower Upper
43 100
58 54.0 27.3 81.8



#60
Dibromochloromethane
Concen: 49.951 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

Tgt Ion: 129 Resp: 131252
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.3

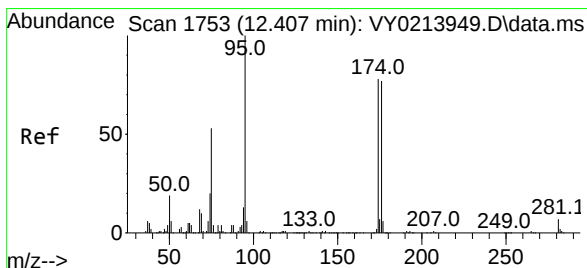
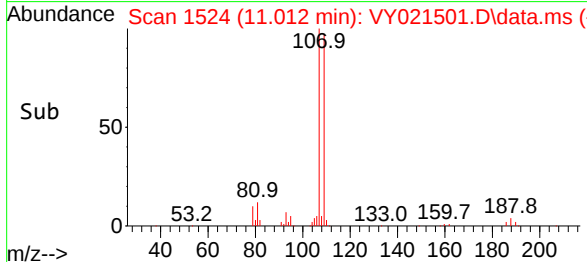
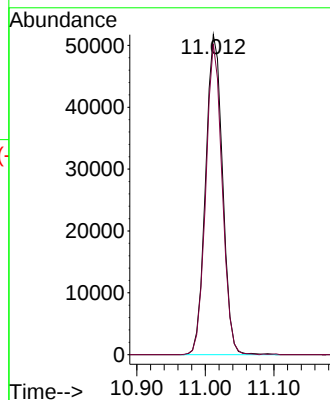
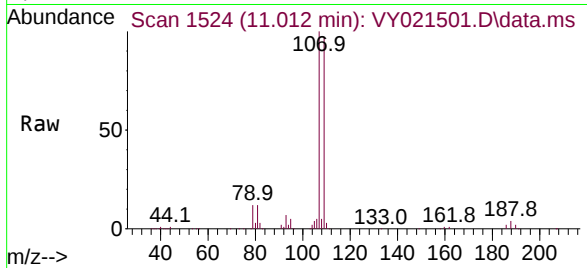




#61
1,2-Dibromoethane
Concen: 49.171 ug/l
RT: 11.012 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

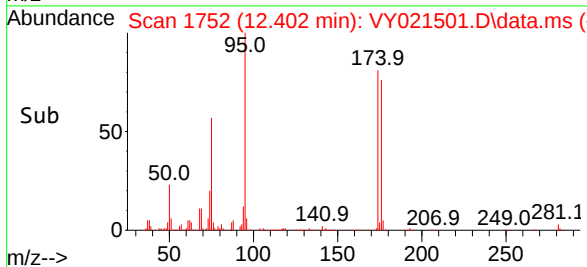
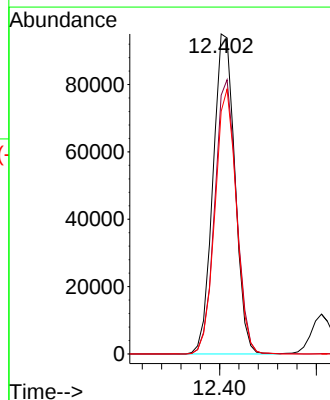
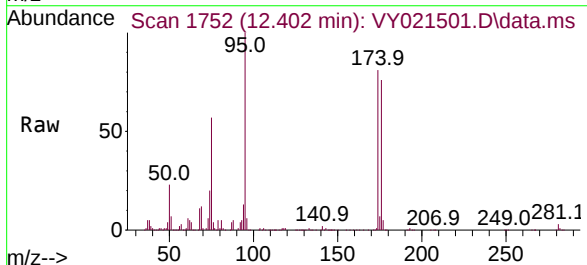
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

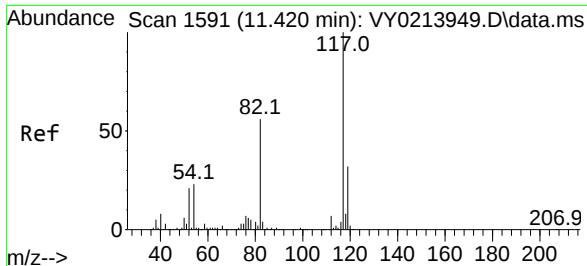
Tgt Ion:107 Resp: 88947
Ion Ratio Lower Upper
107 100
109 93.9 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 48.370 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

Tgt Ion: 95 Resp: 149487
Ion Ratio Lower Upper
95 100
174 84.7 0.0 165.0
176 80.7 0.0 160.0

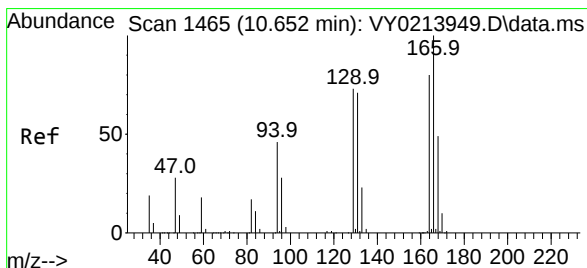
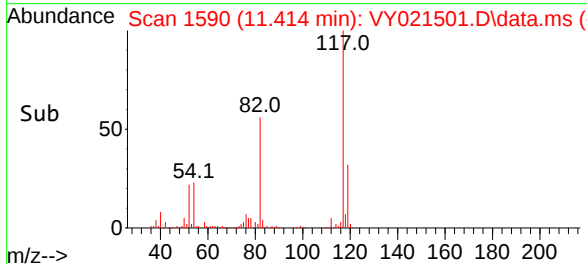
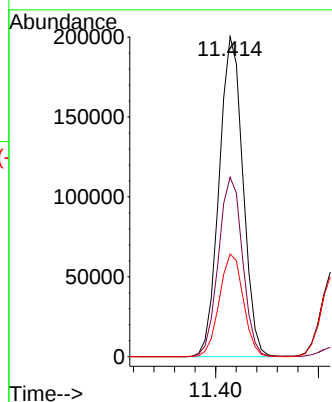
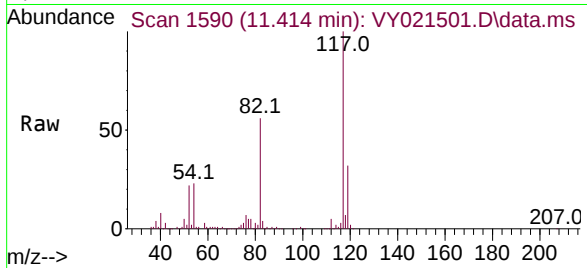




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

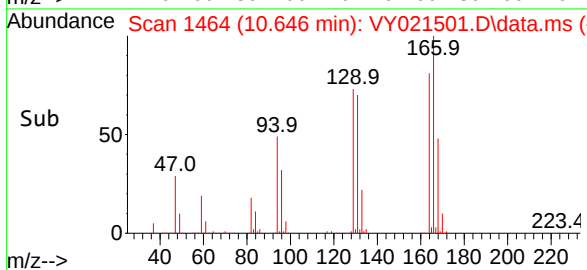
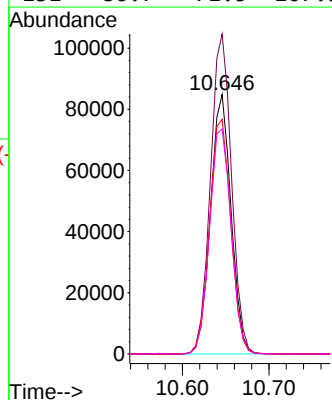
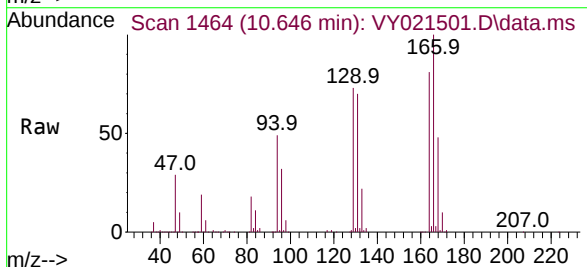
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

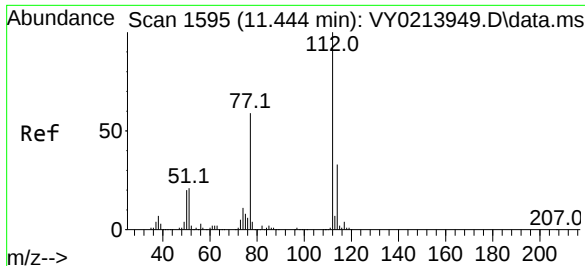
Tgt Ion:117 Resp: 321594
Ion Ratio Lower Upper
117 100
82 56.1 44.6 67.0
119 32.1 25.4 38.0



#64
Tetrachloroethene
Concen: 53.559 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

Tgt Ion:164 Resp: 140062
Ion Ratio Lower Upper
164 100
166 123.3 100.4 150.6
129 90.5 73.8 110.8
131 86.7 71.5 107.3

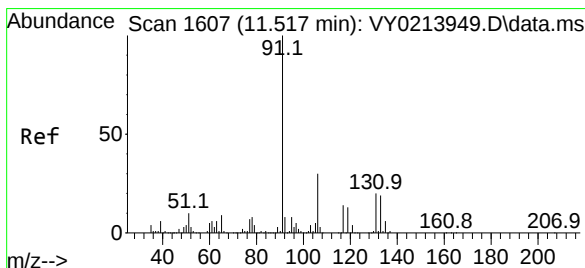
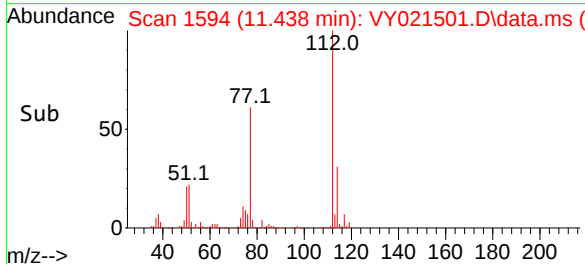
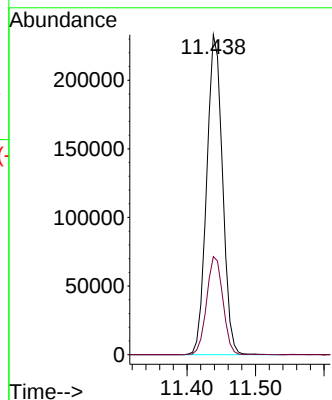
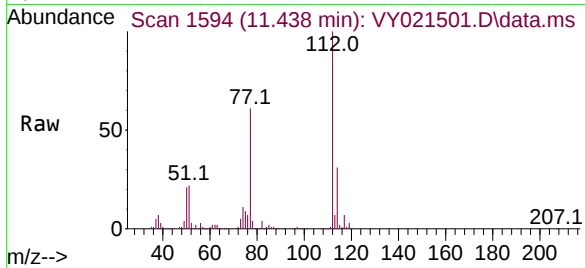




#65
Chlorobenzene
Concen: 49.373 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. -0.006 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

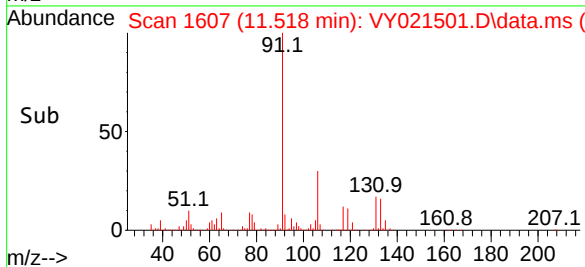
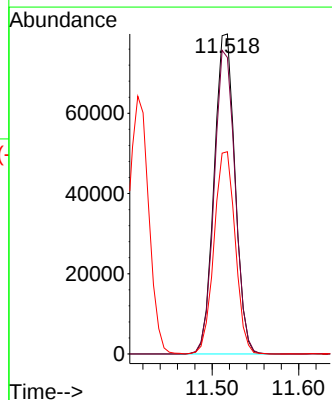
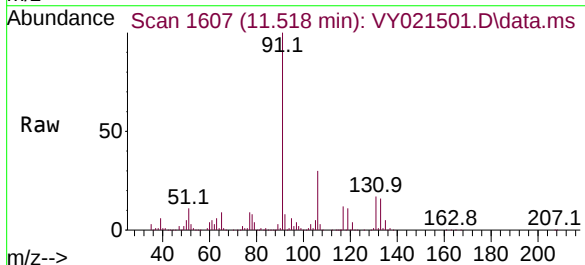
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

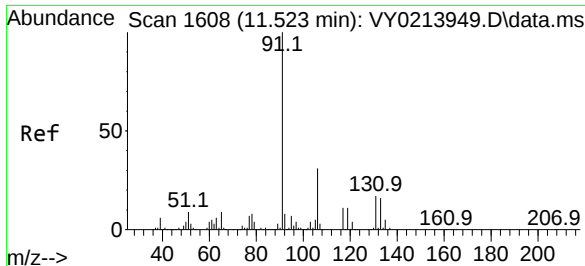
Tgt Ion:112 Resp: 374951
Ion Ratio Lower Upper
112 100
114 30.7 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 49.782 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

Tgt Ion:131 Resp: 133663
Ion Ratio Lower Upper
131 100
133 95.1 47.6 142.9
119 64.1 32.3 96.9





#67

Ethyl Benzene

Concen: 50.688 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY021501.D

Acq: 12 Mar 2025 11:19

Instrument :

MSVOA_Y

ClientSampleId :

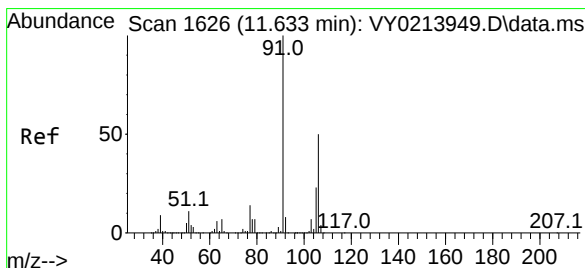
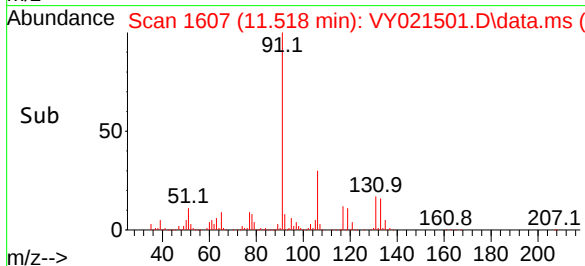
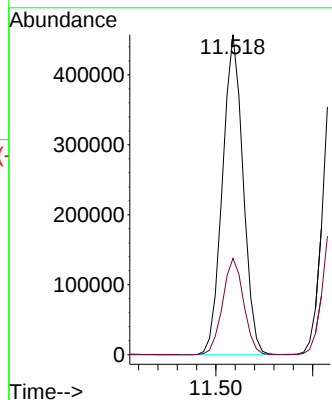
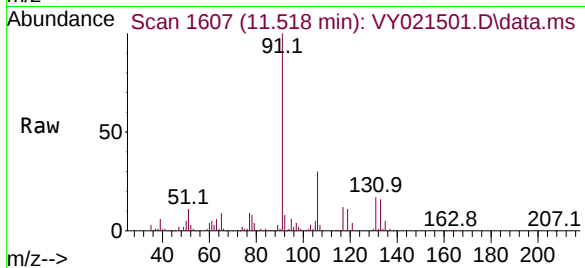
VSTDCCC050

Tgt Ion: 91 Resp: 675645

Ion Ratio Lower Upper

91 100

106 30.1 24.6 36.8



#68

m/p-Xylenes

Concen: 101.366 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021501.D

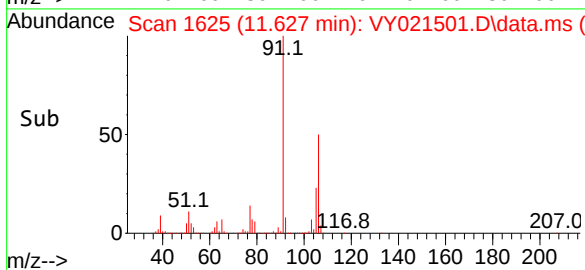
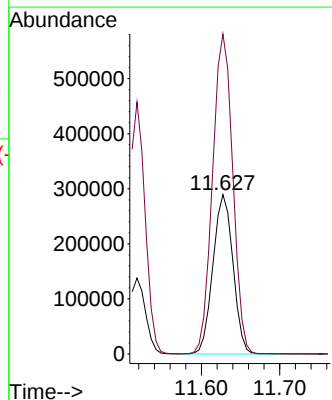
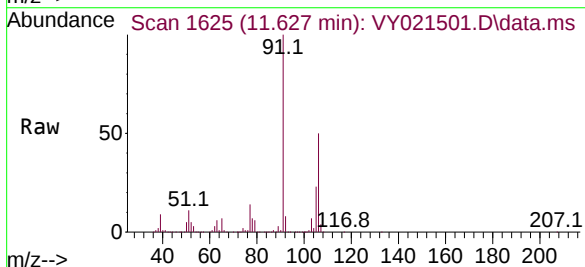
Acq: 12 Mar 2025 11:19

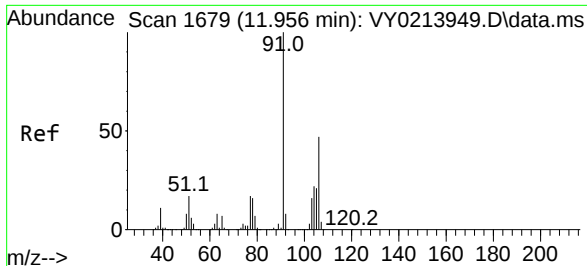
Tgt Ion: 106 Resp: 512971

Ion Ratio Lower Upper

106 100

91 203.3 161.7 242.5





#69

o-Xylene

Concen: 51.638 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021501.D

Acq: 12 Mar 2025 11:19

Instrument :

MSVOA_Y

ClientSampleId :

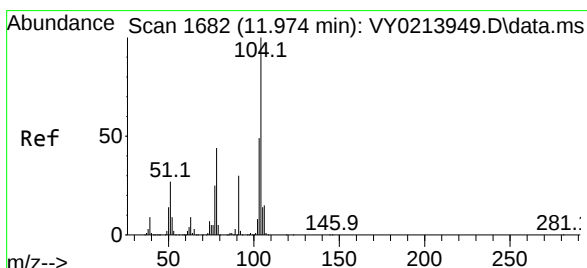
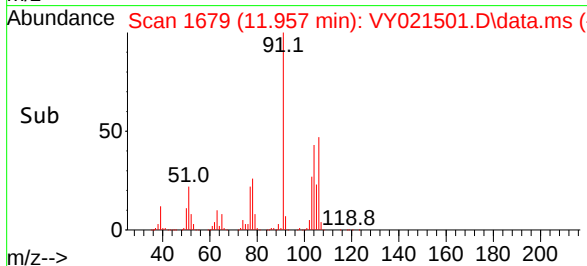
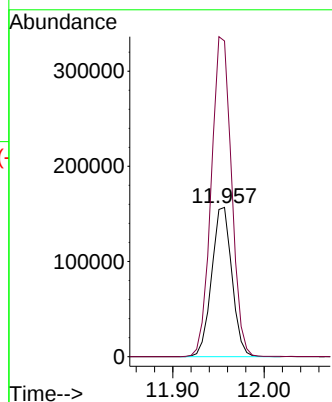
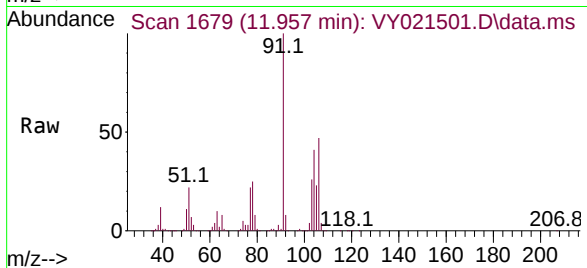
VSTDCCC050

Tgt Ion:106 Resp: 240838

Ion Ratio Lower Upper

106 100

91 215.3 107.6 322.8



#70

Styrene

Concen: 52.244 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VY021501.D

Acq: 12 Mar 2025 11:19

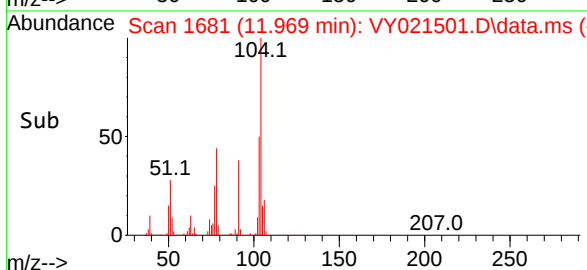
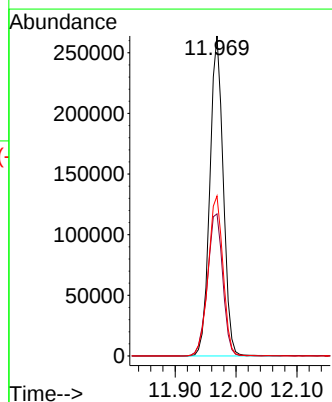
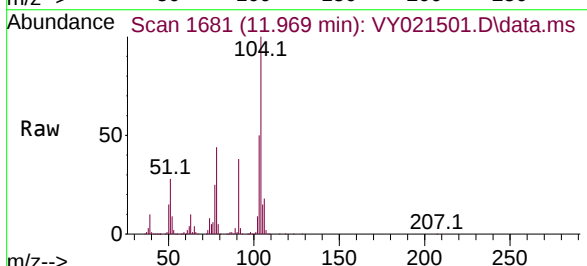
Tgt Ion:104 Resp: 404231

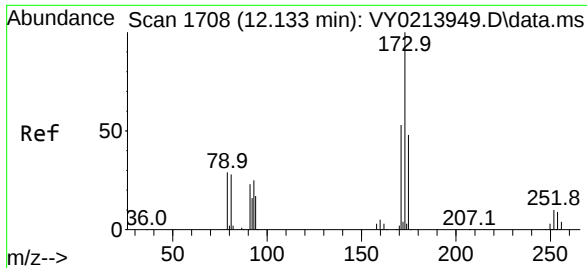
Ion Ratio Lower Upper

104 100

78 50.6 40.7 61.1

103 55.1 44.1 66.1

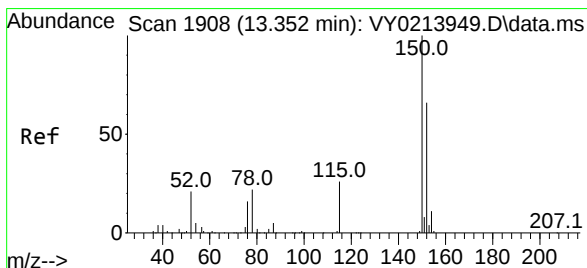
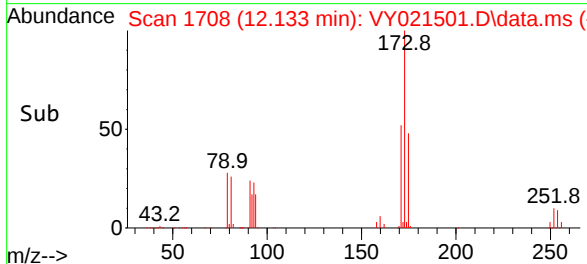
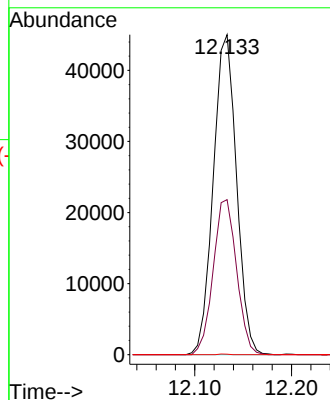
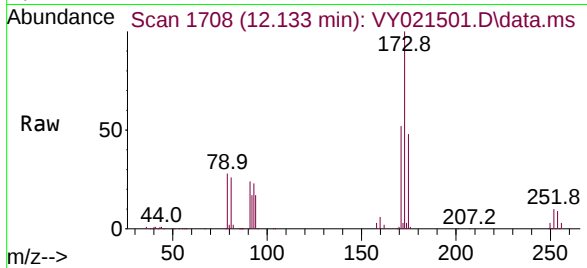




#71
Bromoform
Concen: 49.980 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

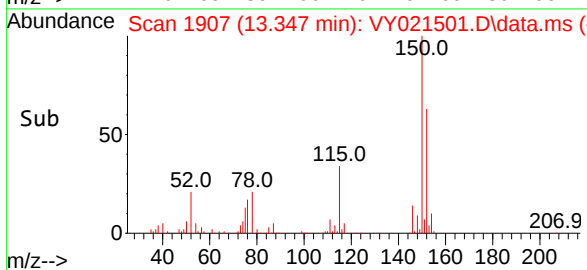
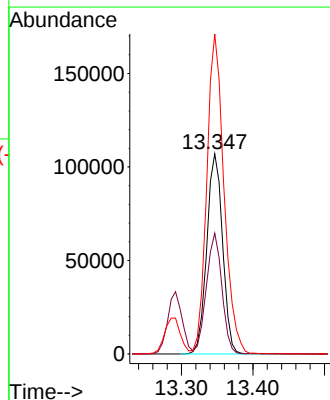
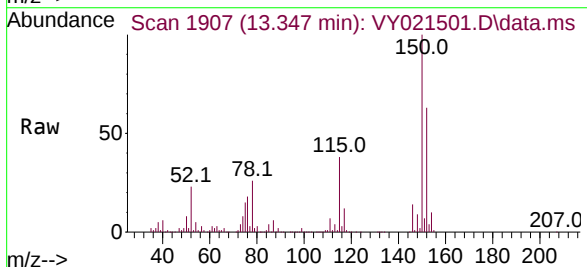
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 75016
Ion Ratio Lower Upper
173 100
175 48.9 23.9 71.7
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

Tgt Ion:152 Resp: 164279
Ion Ratio Lower Upper
152 100
115 58.9 29.0 87.0
150 174.1 0.0 347.2

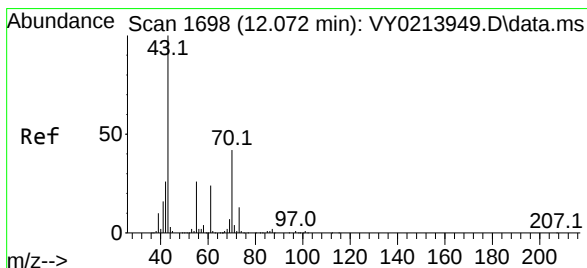
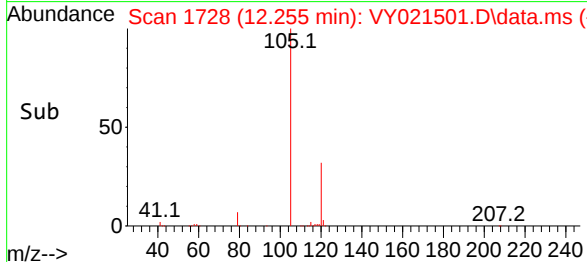
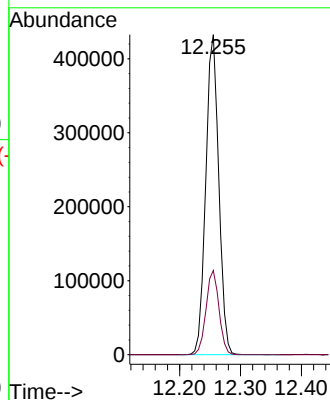
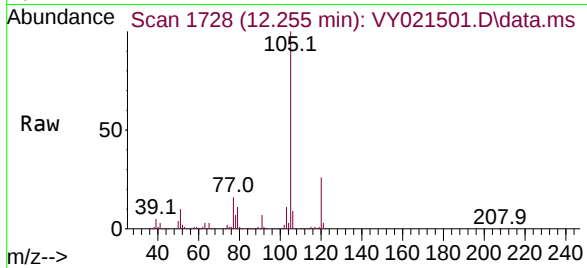




#73
Isopropylbenzene
Concen: 49.500 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

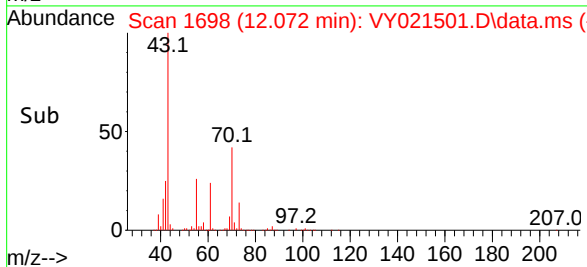
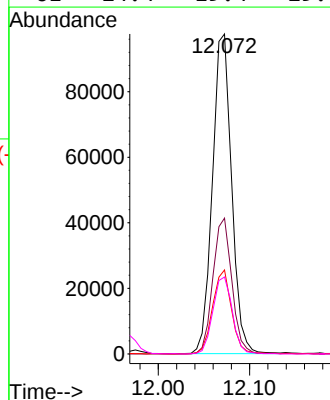
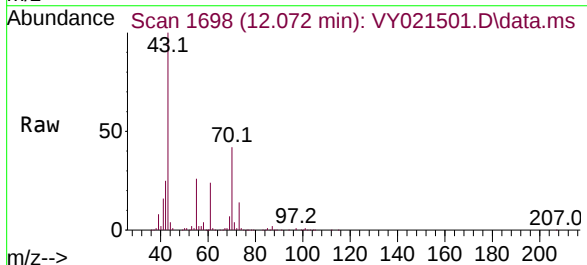
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

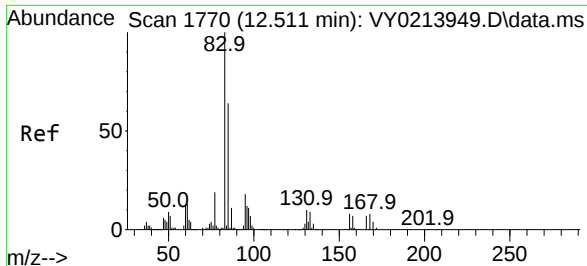
Tgt Ion:105 Resp: 640564
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3



#74
N-ethyl acetate
Concen: 50.586 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

Tgt Ion: 43 Resp: 142166
Ion Ratio Lower Upper
43 100
70 42.2 34.6 51.8
55 26.1 21.1 31.7
61 24.4 19.4 29.0

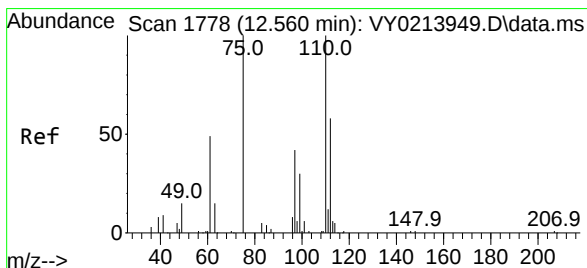
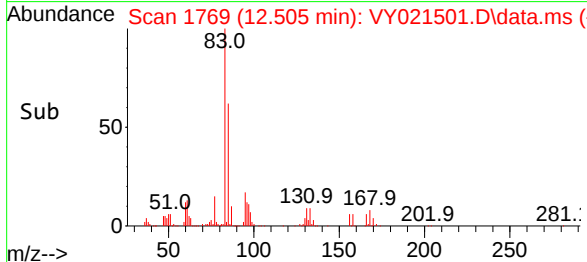
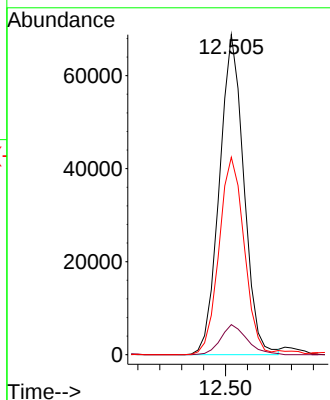
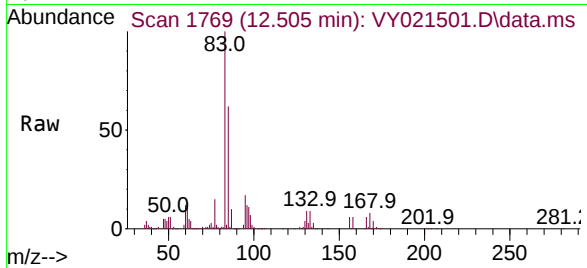




#75
 1,1,2,2-Tetrachloroethane
 Concen: 46.606 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY021501.D
 Acq: 12 Mar 2025 11:19

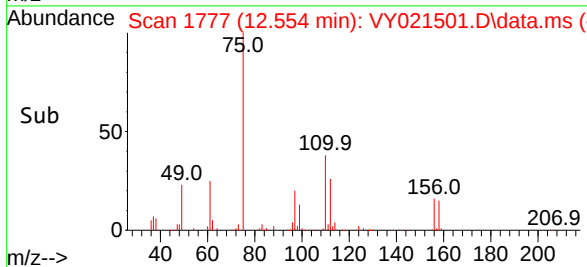
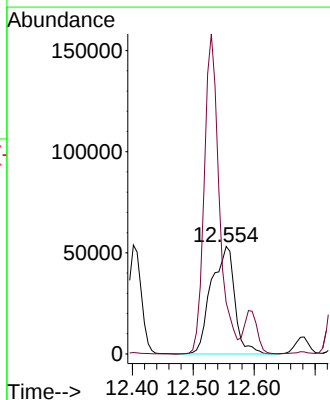
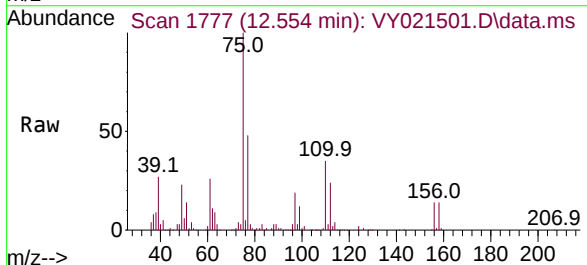
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

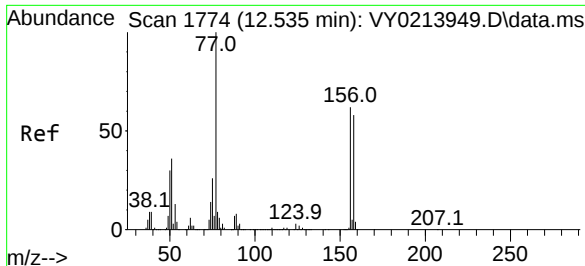
Tgt Ion: 83 Resp: 106428
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.3 16.1
 85 63.6 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 86.293 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.006 min
 Lab File: VY021501.D
 Acq: 12 Mar 2025 11:19

Tgt Ion: 75 Resp: 142850
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

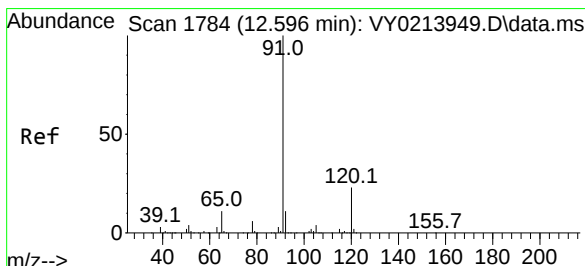
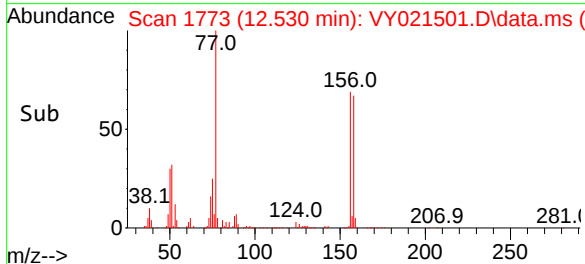
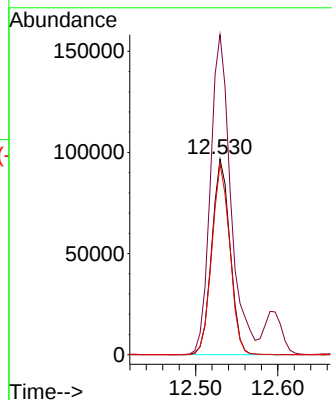
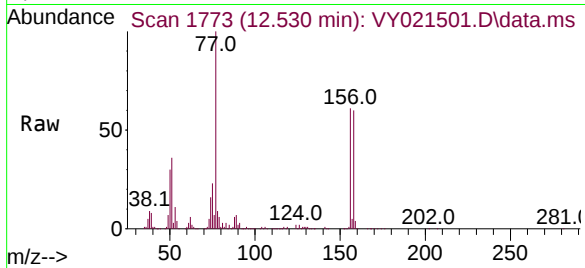




#77
Bromobenzene
Concen: 49.126 ug/l
RT: 12.530 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

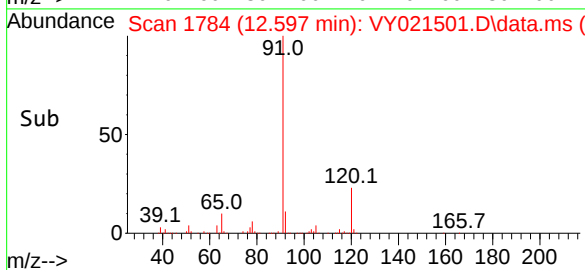
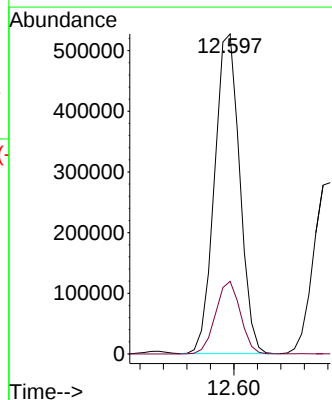
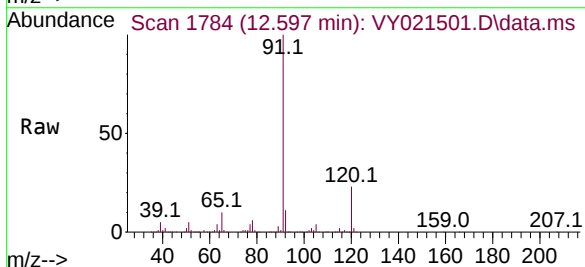
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

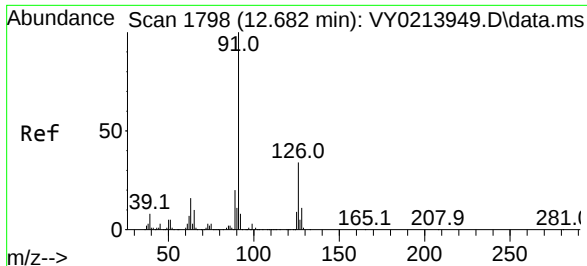
Tgt Ion:156 Resp: 148727
Ion Ratio Lower Upper
156 100
77 182.9 93.6 280.8
158 96.3 48.3 144.8



#78
n-propylbenzene
Concen: 49.946 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

Tgt Ion: 91 Resp: 784952
Ion Ratio Lower Upper
91 100
120 22.3 11.3 33.8





#79

2-Chlorotoluene

Concen: 49.252 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY021501.D

Acq: 12 Mar 2025 11:19

Instrument :

MSVOA_Y

ClientSampleId :

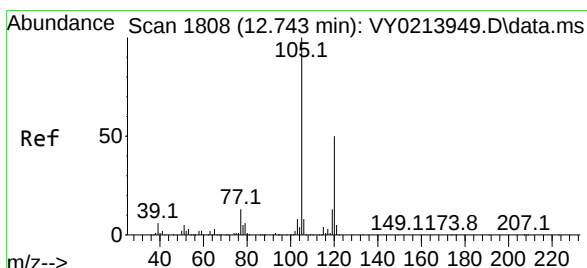
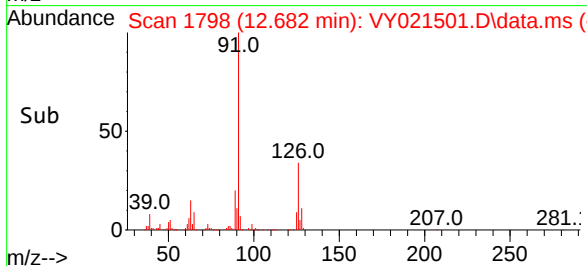
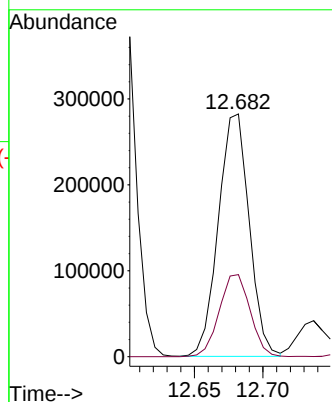
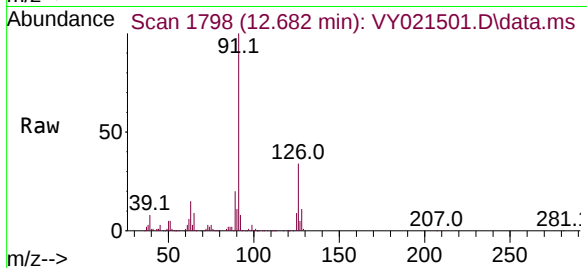
VSTDCCC050

Tgt Ion: 91 Resp: 442598

Ion Ratio Lower Upper

91 100

126 33.9 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 50.290 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY021501.D

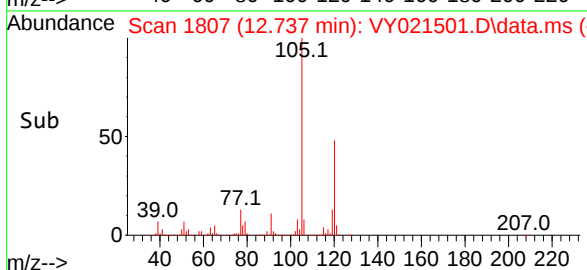
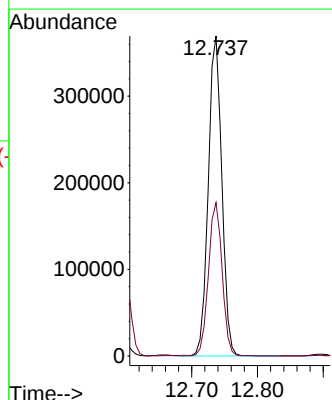
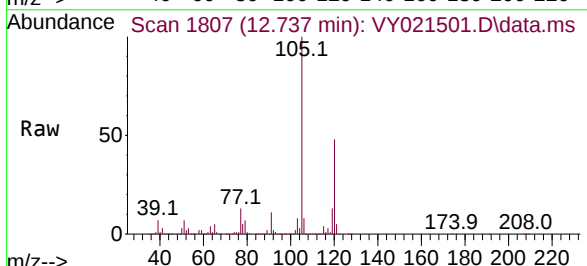
Acq: 12 Mar 2025 11:19

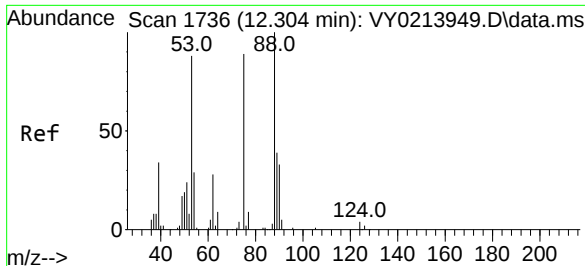
Tgt Ion: 105 Resp: 528870

Ion Ratio Lower Upper

105 100

120 48.4 24.6 73.6

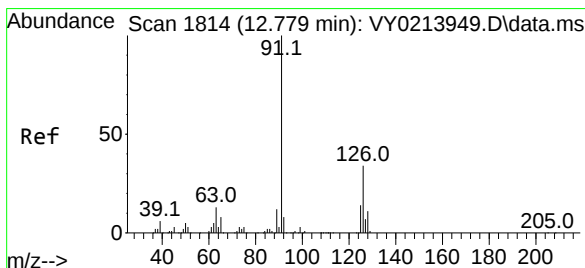
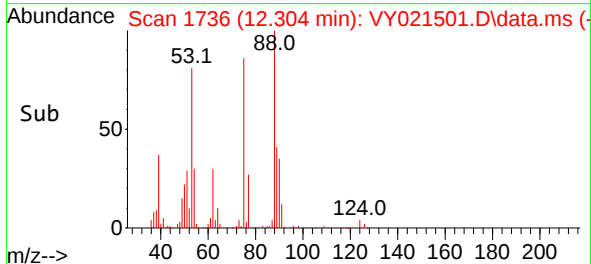
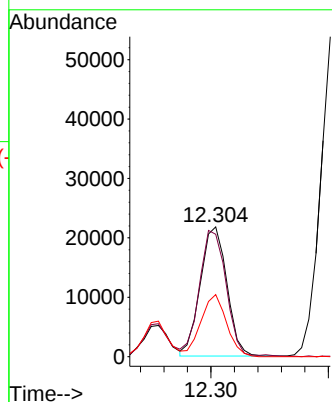
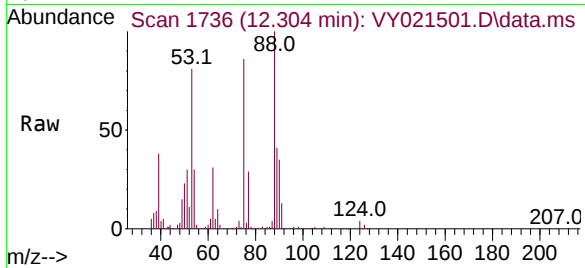




#81
trans-1,4-Dichloro-2-butene
Concen: 46.729 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

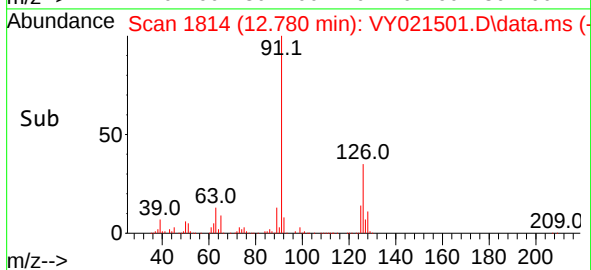
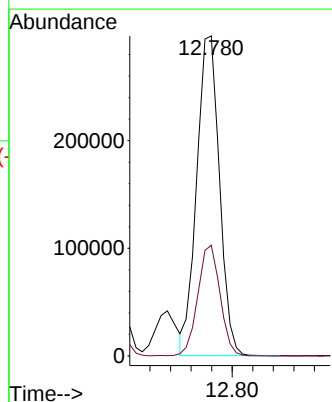
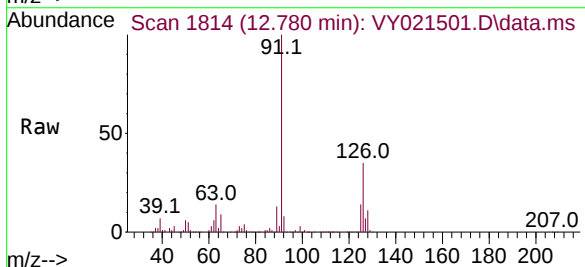
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

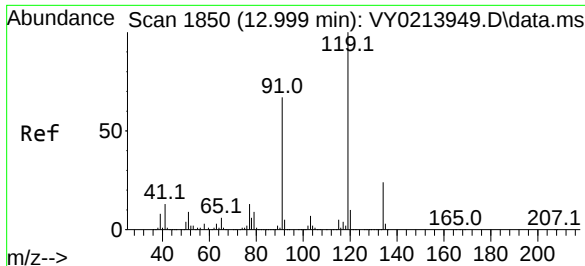
Tgt Ion: 75 Resp: 34028
Ion Ratio Lower Upper
75 100
53 99.4 81.0 121.4
89 47.0 36.9 55.3



#82
4-Chlorotoluene
Concen: 49.185 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

Tgt Ion: 91 Resp: 457696
Ion Ratio Lower Upper
91 100
126 34.0 17.0 51.0

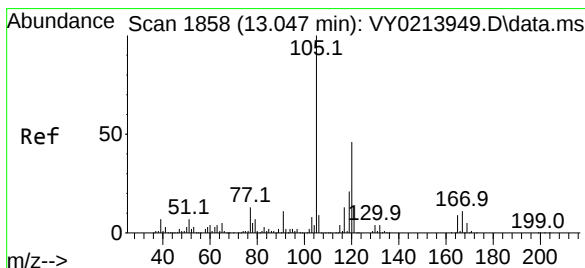
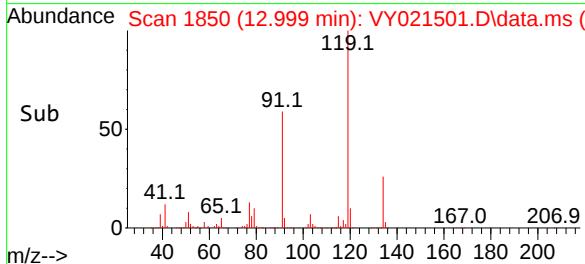
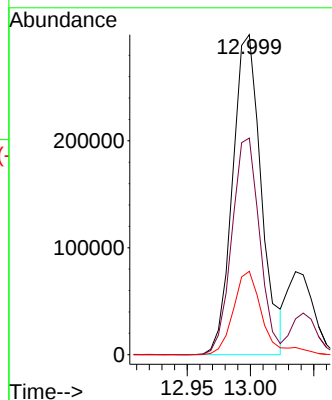
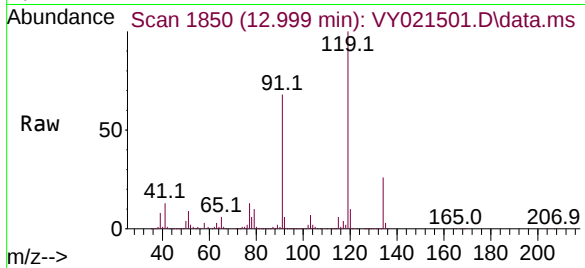




#83
 tert-Butylbenzene
 Concen: 50.461 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021501.D
 Acq: 12 Mar 2025 11:19

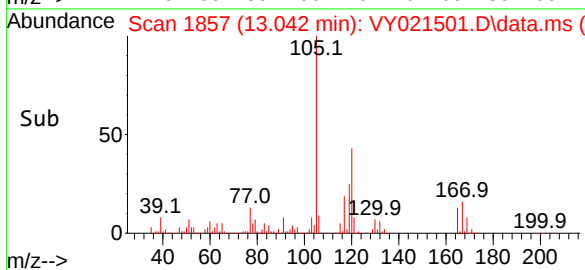
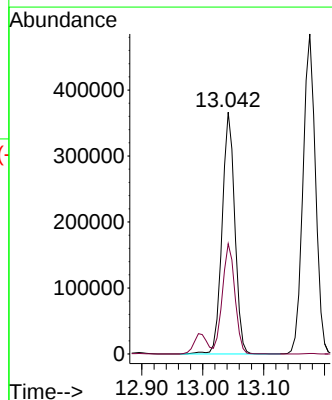
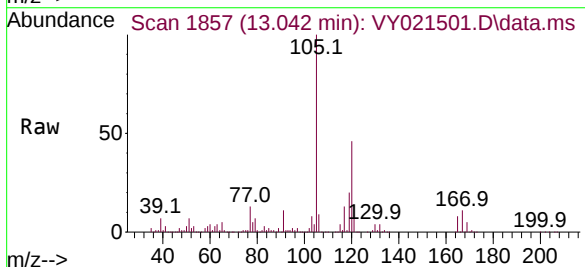
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

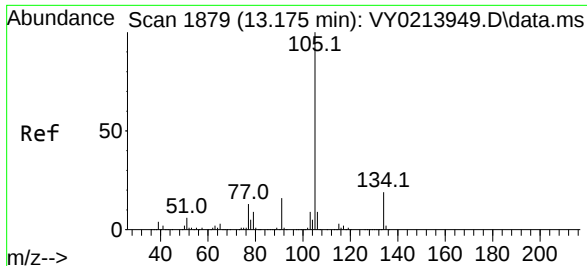
Tgt Ion:119 Resp: 473400
 Ion Ratio Lower Upper
 119 100
 91 65.5 33.2 99.6
 134 26.5 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 50.798 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.006 min
 Lab File: VY021501.D
 Acq: 12 Mar 2025 11:19

Tgt Ion:105 Resp: 530408
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.7 68.1

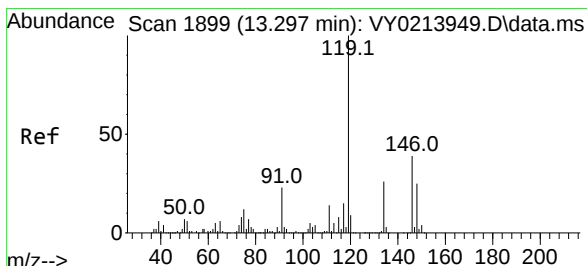
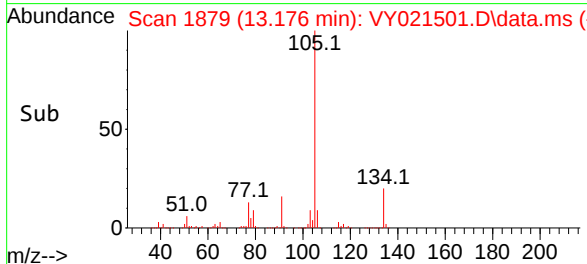
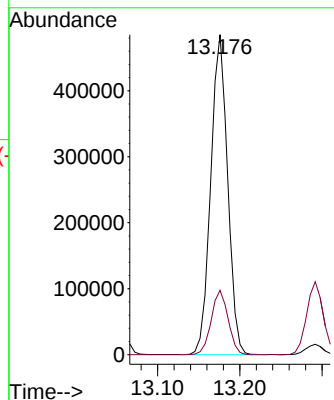
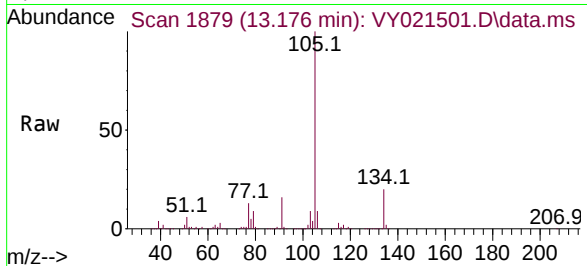




#85
 sec-Butylbenzene
 Concen: 49.517 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021501.D
 Acq: 12 Mar 2025 11:19

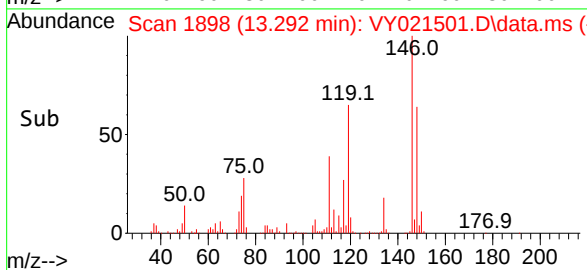
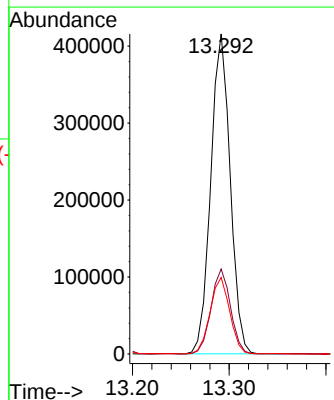
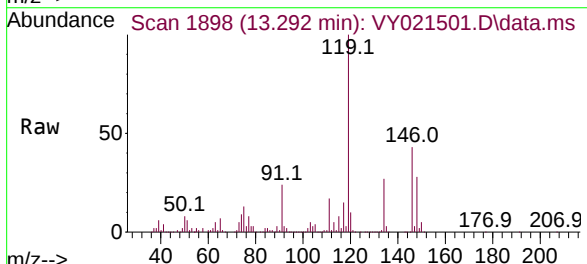
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

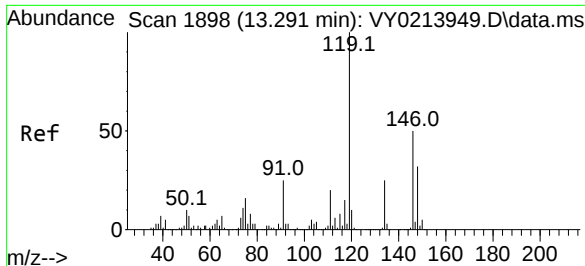
Tgt Ion:105 Resp: 691185
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 50.426 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY021501.D
 Acq: 12 Mar 2025 11:19

Tgt Ion:119 Resp: 579887
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.1 39.1
 91 24.1 12.2 36.6

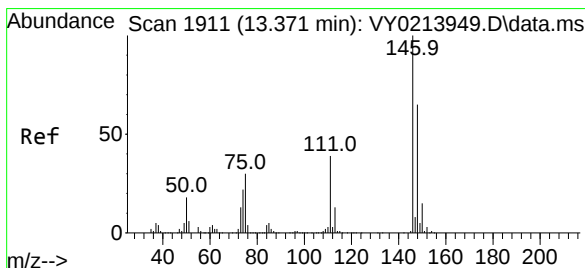
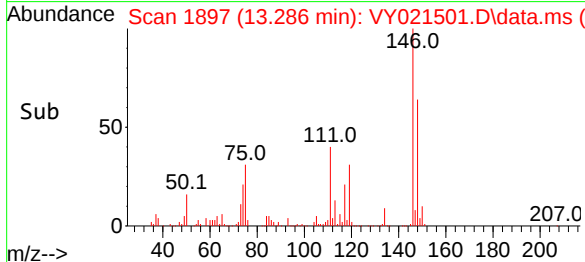
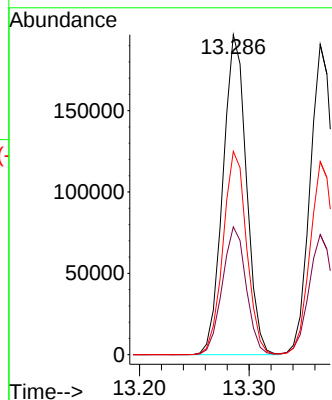
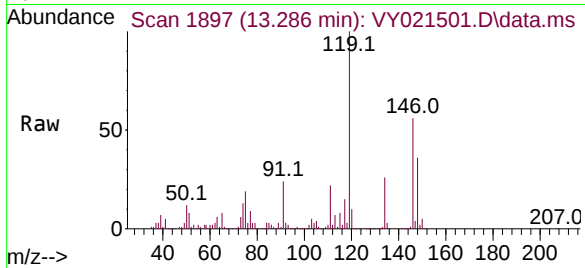




#87
 1,3-Dichlorobenzene
 Concen: 48.554 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. -0.006 min
 Lab File: VY021501.D
 Acq: 12 Mar 2025 11:19

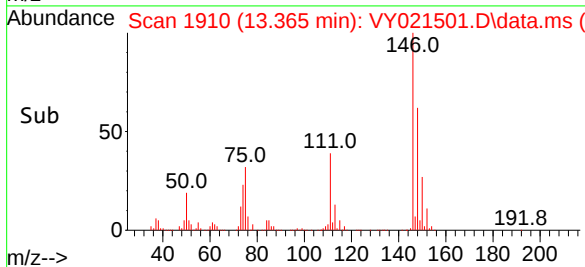
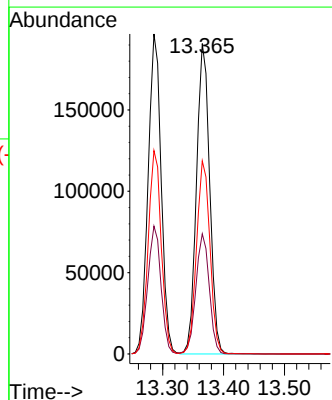
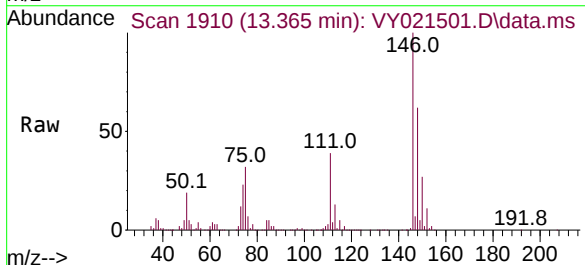
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

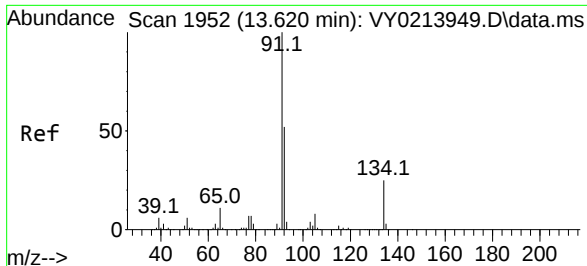
Tgt Ion:146 Resp: 292602
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.0 60.0
 148 63.7 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 48.744 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: VY021501.D
 Acq: 12 Mar 2025 11:19

Tgt Ion:146 Resp: 287278
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.6 58.8
 148 63.1 32.3 96.8





#89

n-Butylbenzene

Concen: 51.409 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY021501.D

Acq: 12 Mar 2025 11:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

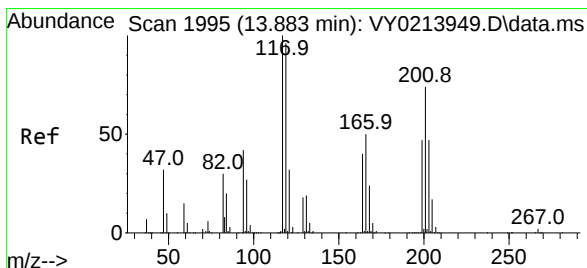
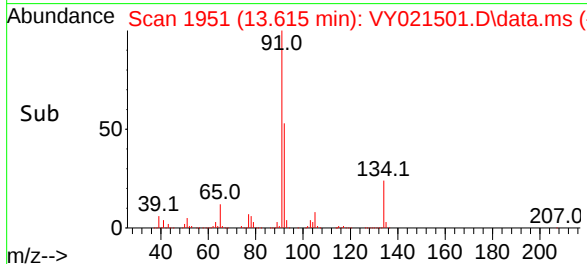
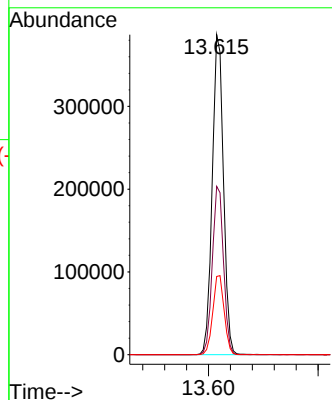
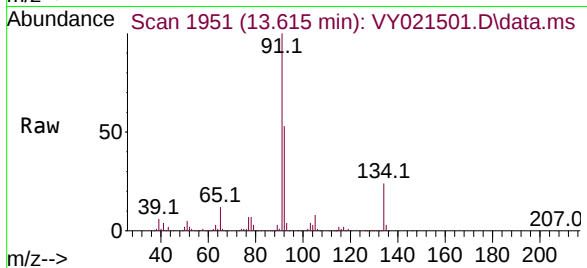
Tgt Ion: 91 Resp: 545901

Ion Ratio Lower Upper

91 100

92 52.7 26.1 78.3

134 25.1 12.6 37.8



#90

Hexachloroethane

Concen: 48.126 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY021501.D

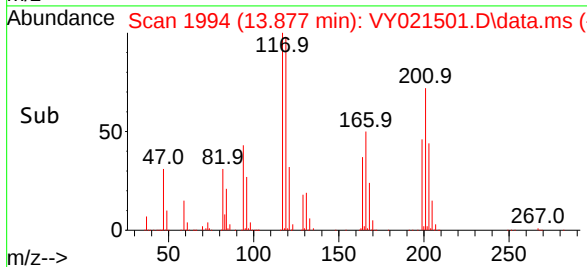
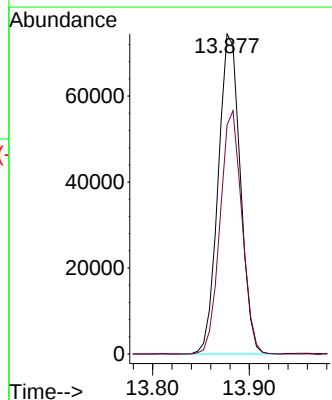
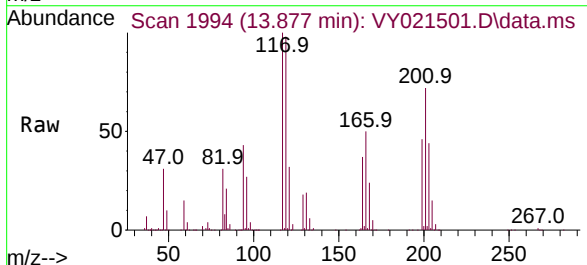
Acq: 12 Mar 2025 11:19

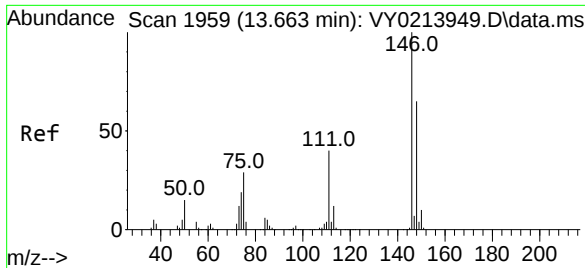
Tgt Ion: 117 Resp: 118065

Ion Ratio Lower Upper

117 100

201 75.2 37.4 112.2

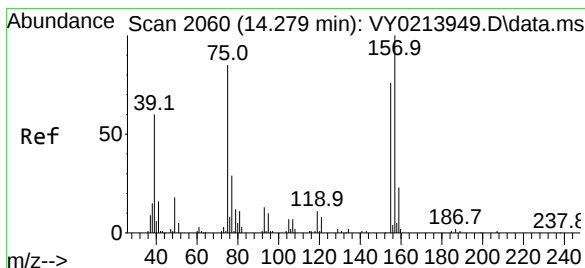
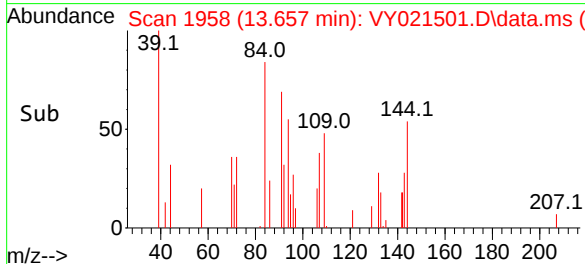
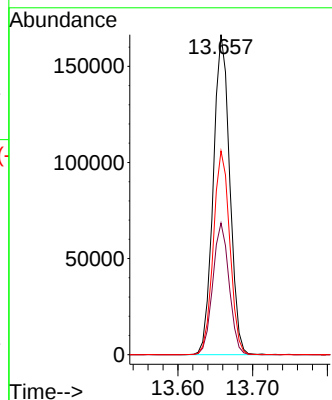
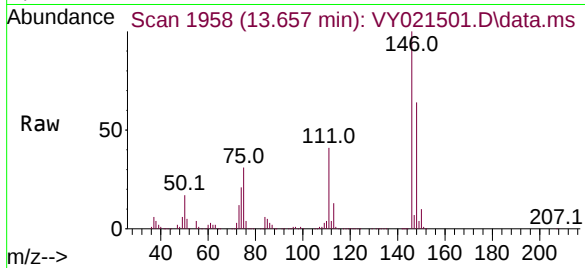




#91
1,2-Dichlorobenzene
Concen: 49.408 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.006 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

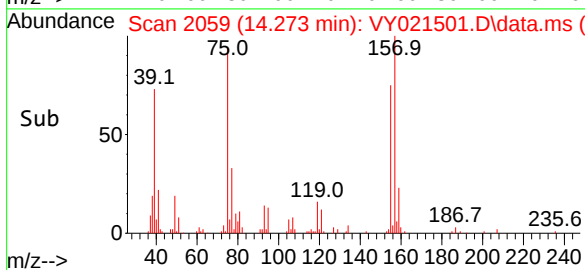
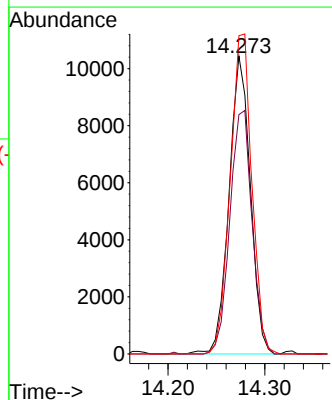
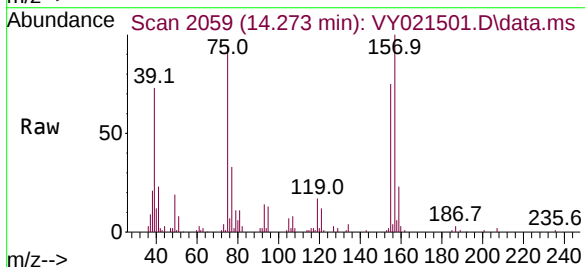
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

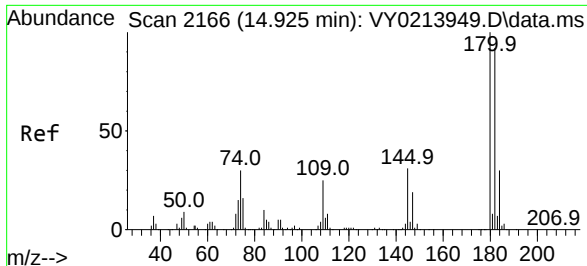
Tgt Ion:146 Resp: 255194
Ion Ratio Lower Upper
146 100
111 40.8 20.7 62.1
148 63.5 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.756 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

Tgt Ion: 75 Resp: 15994
Ion Ratio Lower Upper
75 100
155 85.2 43.5 130.5
157 109.0 54.4 163.2





#93

1,2,4-Trichlorobenzene

Concen: 51.998 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY021501.D

Acq: 12 Mar 2025 11:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

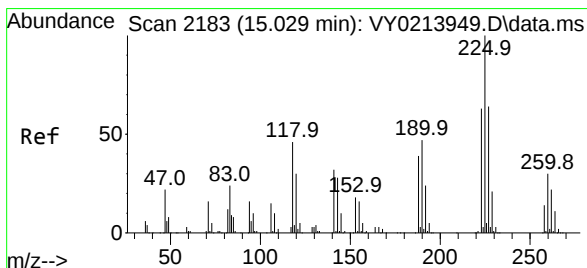
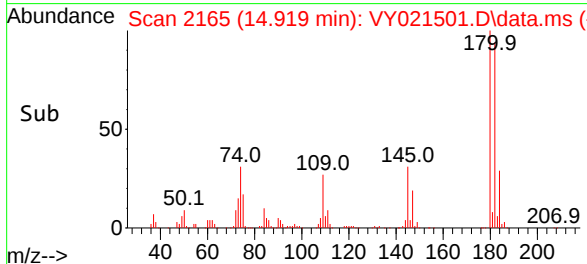
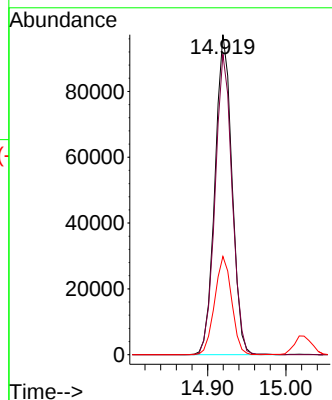
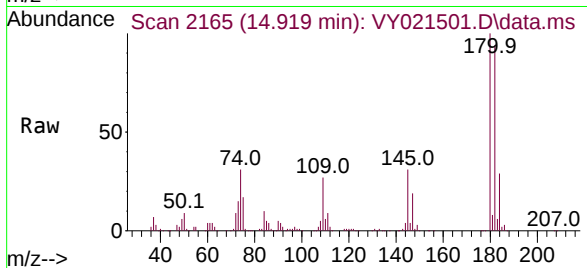
Tgt Ion:180 Resp: 146696

Ion Ratio Lower Upper

180 100

182 93.9 46.7 140.0

145 30.7 15.6 46.8



#94

Hexachlorobutadiene

Concen: 50.138 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY021501.D

Acq: 12 Mar 2025 11:19

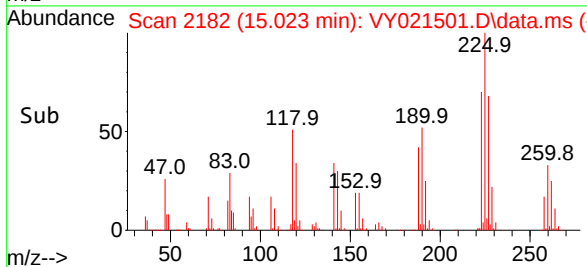
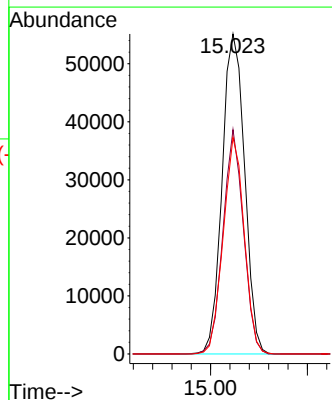
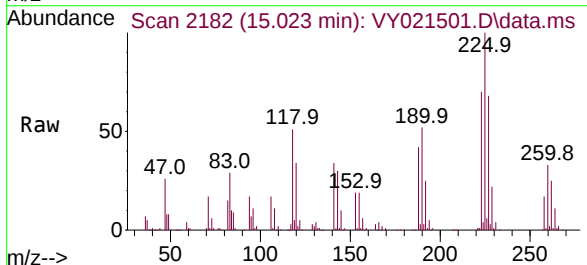
Tgt Ion:225 Resp: 88667

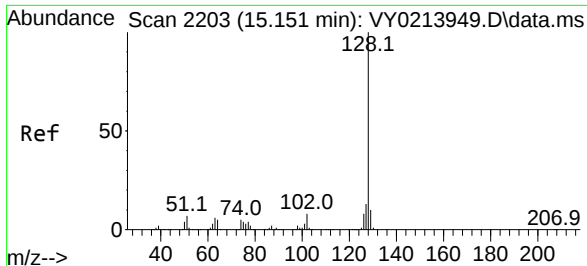
Ion Ratio Lower Upper

225 100

223 63.8 31.4 94.2

227 63.3 31.8 95.4

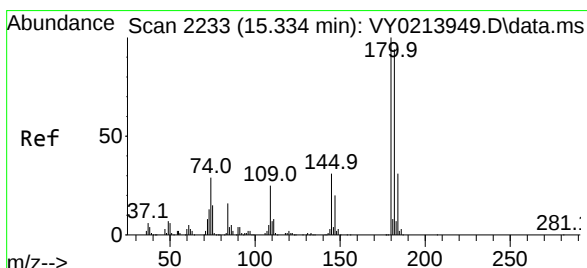
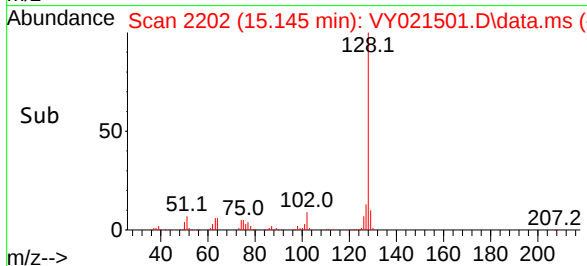
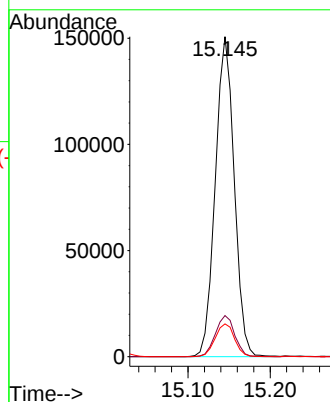
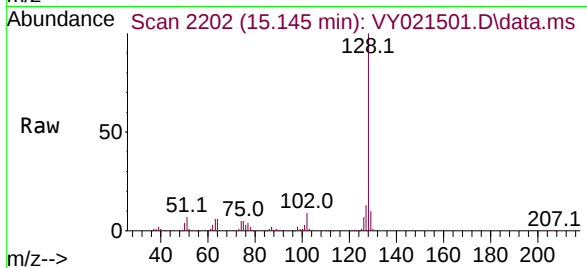




#95
Naphthalene
Concen: 50.555 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:	128	Resp:	241398
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	15.8
129	10.5	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.364 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY021501.D
Acq: 12 Mar 2025 11:19

Tgt Ion:	180	Resp:	121874
Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.2	141.6
145	32.5	16.4	49.1

