

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070725\
 Data File : VY022946.D
 Acq On : 07 Jul 2025 09:08
 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: Jul 08 01:41:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	469181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	754142	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	648632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	317038	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	246832	47.137	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.280%
35) Dibromofluoromethane	7.634	113	229041	49.940	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.880%
50) Toluene-d8	10.103	98	912489	50.139	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.280%
62) 4-Bromofluorobenzene	12.402	95	297486	50.848	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.700%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	178416	44.471	ug/l	99
3) Chloromethane	2.068	50	361942	47.245	ug/l	99
4) Vinyl Chloride	2.202	62	427991	44.717	ug/l	99
5) Bromomethane	2.599	94	304314	40.443	ug/l	100
6) Chloroethane	2.733	64	292466	45.459	ug/l	97
7) Trichlorofluoromethane	3.056	101	473145	44.645	ug/l	96
8) Diethyl Ether	3.452	74	123014	46.996	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.812	101	236344	48.799	ug/l	97
10) Methyl Iodide	4.001	142	277897	52.700	ug/l	99
11) Tert butyl alcohol	4.891	59	73803	211.961	ug/l	98
12) 1,1-Dichloroethene	3.787	96	227462	47.897	ug/l	99
13) Acrolein	3.653	56	40903	86.631	ug/l	99
14) Allyl chloride	4.385	41	368422	50.437	ug/l	93
15) Acrylonitrile	5.055	53	268907	246.227	ug/l	99
16) Acetone	3.879	43	294196	297.244	ug/l	97
17) Carbon Disulfide	4.104	76	723334	47.148	ug/l	100
18) Methyl Acetate	4.391	43	145970	44.534	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	611645	47.301	ug/l	97
20) Methylene Chloride	4.616	84	277496	44.396	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	261557	48.190	ug/l	97
22) Diisopropyl ether	6.019	45	819602	50.524	ug/l	98
23) Vinyl Acetate	5.958	43	2279836	254.469	ug/l	99
24) 1,1-Dichloroethane	5.915	63	484456	49.442	ug/l	100
25) 2-Butanone	6.897	43	371518	257.909	ug/l	97
26) 2,2-Dichloropropane	6.884	77	421633	51.333	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	303325	48.094	ug/l	98
28) Bromochloromethane	7.244	49	207851	50.456	ug/l	96
29) Tetrahydrofuran	7.262	42	221589	243.613	ug/l	99
30) Chloroform	7.421	83	486641	48.220	ug/l	97
31) Cyclohexane	7.701	56	430743	47.890	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	429352	49.231	ug/l	99
36) 1,1-Dichloropropene	7.835	75	355507	51.139	ug/l	99
37) Ethyl Acetate	6.982	43	154528	51.513	ug/l	98
38) Carbon Tetrachloride	7.817	117	374577	51.067	ug/l	98
39) Methylcyclohexane	9.110	83	460294	51.165	ug/l	97
40) Benzene	8.079	78	1094013	51.185	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	75664	40.971	ug/l	90
42) 1,2-Dichloroethane	8.158	62	290550	49.608	ug/l	99
43) Isopropyl Acetate	8.195	43	311082	49.895	ug/l #	85
44) Trichloroethene	8.866	130	273722	51.008	ug/l	95
45) 1,2-Dichloropropane	9.140	63	257521	51.480	ug/l	95
46) Dibromomethane	9.231	93	139472	49.115	ug/l	95
47) Bromodichloromethane	9.420	83	370630	50.614	ug/l	98
48) Methyl methacrylate	9.219	41	153125	51.089	ug/l	94
49) 1,4-Dioxane	9.244	88	31367	934.941	ug/l	98
51) 4-Methyl-2-Pentanone	10.000	43	819239	258.572	ug/l	97
52) Toluene	10.170	92	681645	50.552	ug/l	97
53) t-1,3-Dichloropropene	10.390	75	337875	51.283	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	394892	51.693	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	185703	50.503	ug/l	97
56) Ethyl methacrylate	10.439	69	251987	50.936	ug/l	95
57) 1,3-Dichloropropane	10.719	76	323632	50.446	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	661824	254.251	ug/l	100
59) 2-Hexanone	10.762	43	569731	264.491	ug/l	98
60) Dibromochloromethane	10.908	129	240465	50.629	ug/l	99
61) 1,2-Dibromoethane	11.012	107	171163	49.744	ug/l	97
64) Tetrachloroethene	10.646	164	313364	51.140	ug/l	98
65) Chlorobenzene	11.438	112	724240	50.815	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	245337	50.822	ug/l	100
67) Ethyl Benzene	11.518	91	1300418	51.930	ug/l	98
68) m/p-Xylenes	11.627	106	1004963	103.817	ug/l	100
69) o-Xylene	11.950	106	463547	50.821	ug/l	97
70) Styrene	11.969	104	785558	51.416	ug/l	99
71) Bromoform	12.133	173	133601	49.704	ug/l #	99
73) Isopropylbenzene	12.255	105	1225056	52.248	ug/l	99
74) N-amyl acetate	12.066	43	275812	52.406	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	193055	51.088	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	277244	85.657	ug/l #	100
77) Bromobenzene	12.530	156	269916	50.787	ug/l	99
78) n-propylbenzene	12.597	91	1509384	53.318	ug/l	99
79) 2-Chlorotoluene	12.676	91	835369	52.230	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	990349	52.322	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	68875	53.760	ug/l	98
82) 4-Chlorotoluene	12.774	91	861600	51.285	ug/l	100
83) tert-Butylbenzene	12.993	119	890540	53.349	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	990271	52.256	ug/l	100
85) sec-Butylbenzene	13.176	105	1328043	52.876	ug/l	99
86) p-Isopropyltoluene	13.292	119	1115979	53.394	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	548086	51.349	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	536033	50.557	ug/l	100
89) n-Butylbenzene	13.615	91	1055023	53.663	ug/l	98
90) Hexachloroethane	13.877	117	219541	52.738	ug/l	94
91) 1,2-Dichlorobenzene	13.658	146	476847	50.695	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	31963	49.877	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	268251	50.510	ug/l	97
94) Hexachlorobutadiene	15.023	225	152272	50.704	ug/l	99
95) Naphthalene	15.139	128	477686	49.739	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	225650	49.170	ug/l	98

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QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

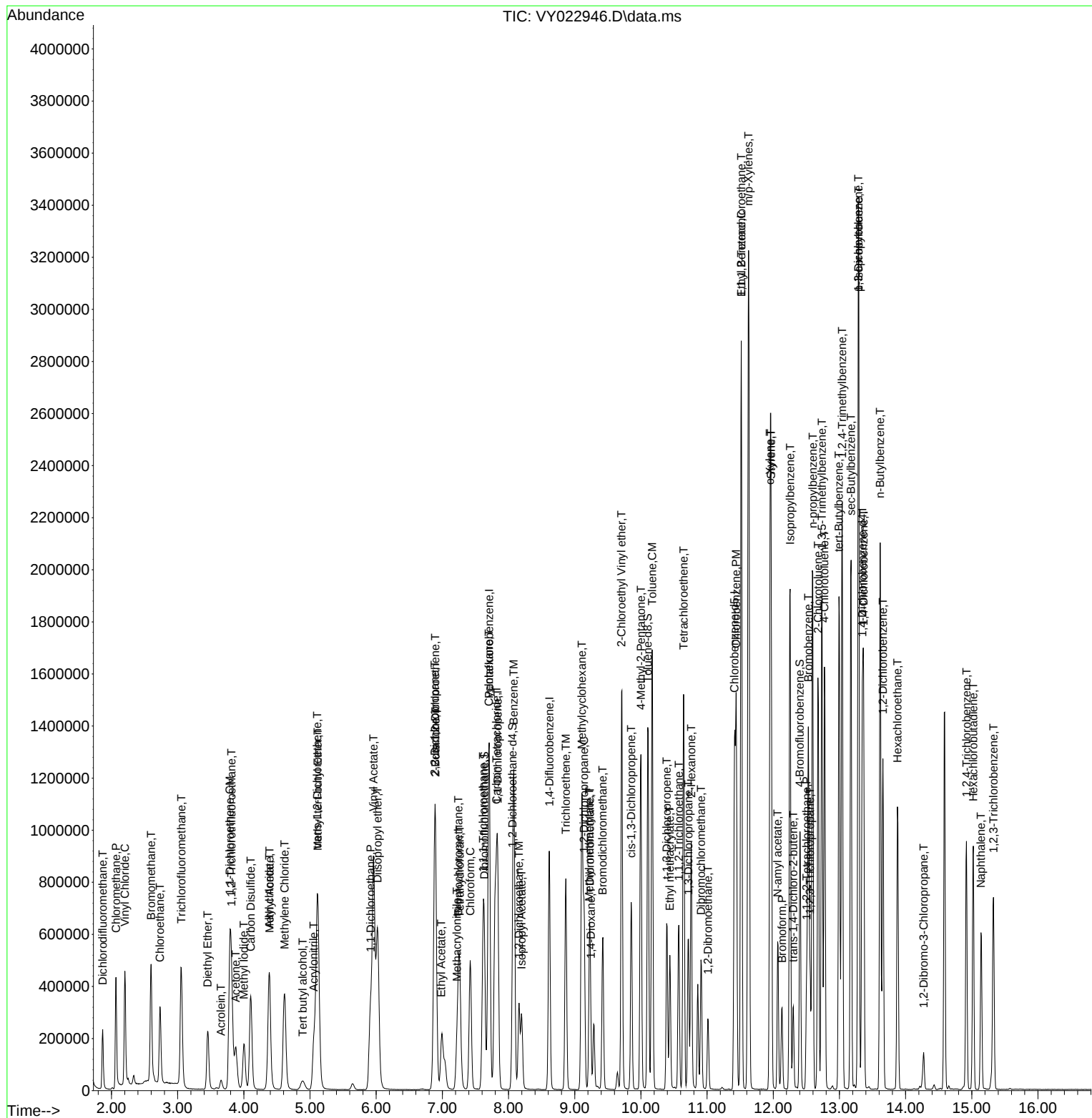
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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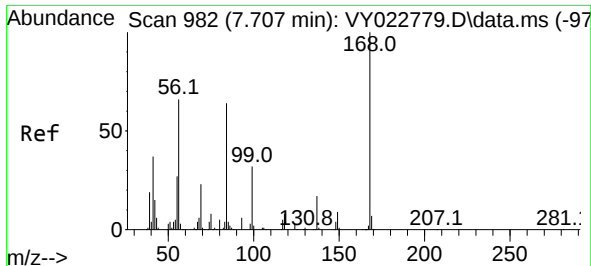
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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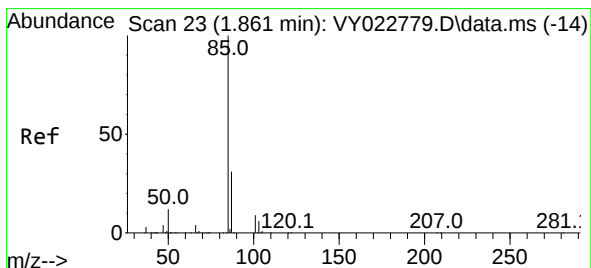
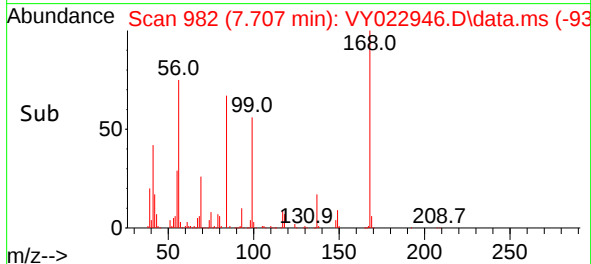
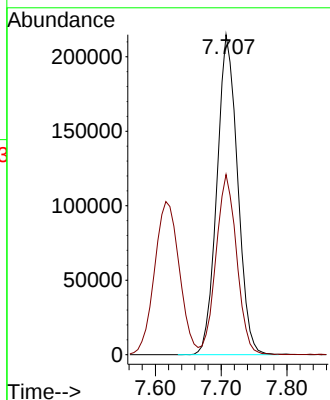
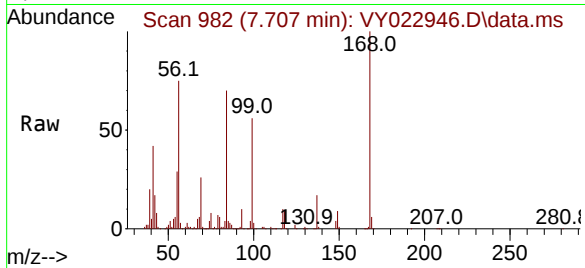




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
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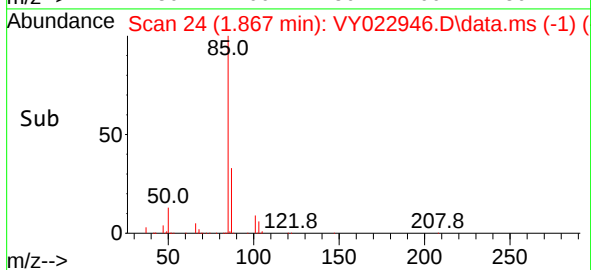
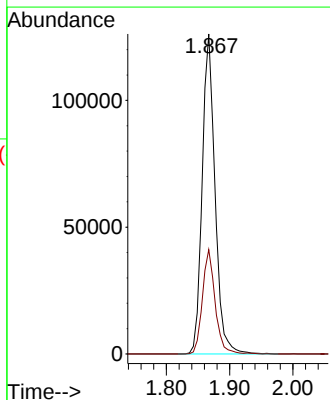
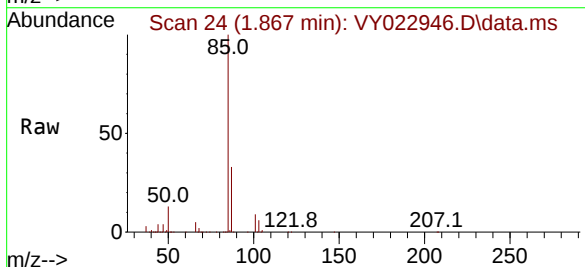
Instrument :
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ClientSampleId :
VSTDCCC050

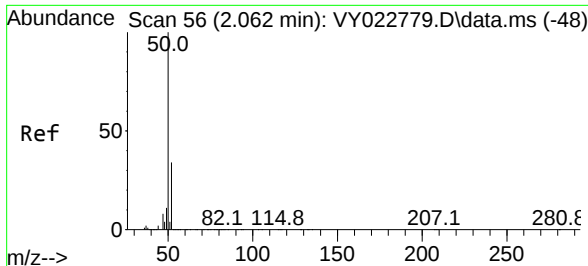
Tgt Ion:168 Resp: 469181
Ion Ratio Lower Upper
168 100
99 56.2 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 44.471 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

Tgt Ion: 85 Resp: 178416
Ion Ratio Lower Upper
85 100
87 32.6 16.7 50.0

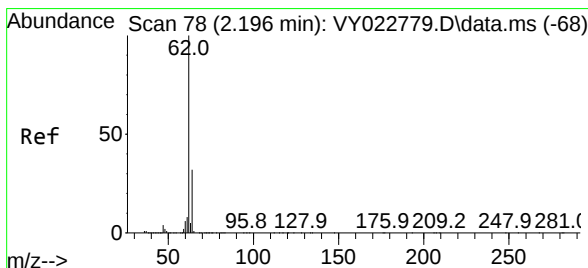
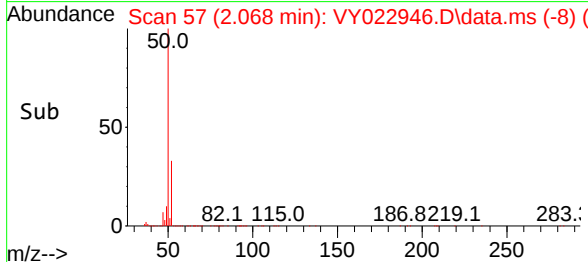
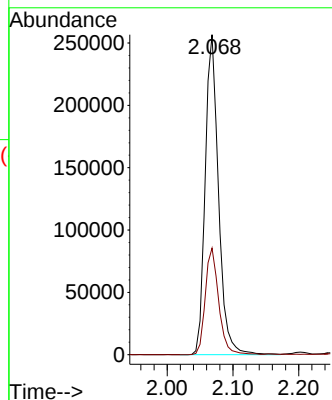
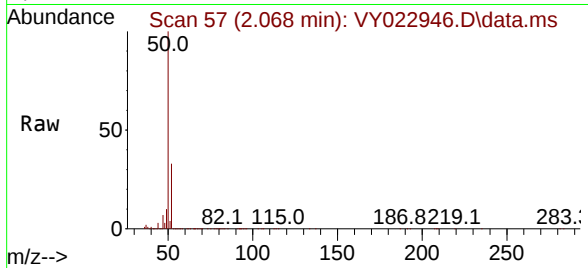




#3
Chloromethane
Concen: 47.245 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

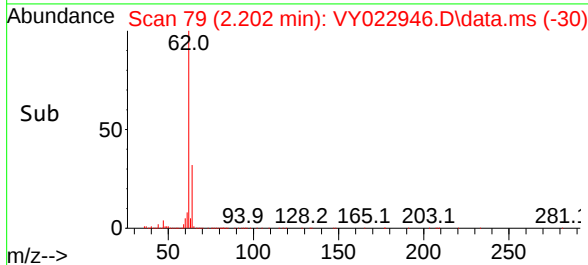
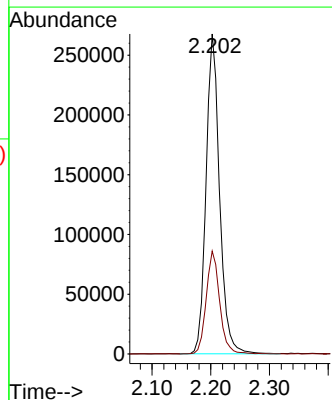
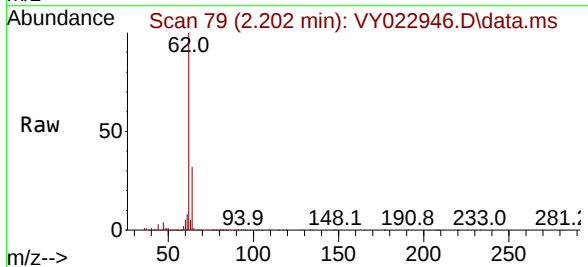
Instrument :
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ClientSampleId :
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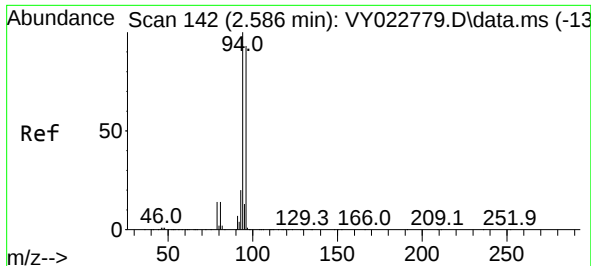
Tgt Ion: 50 Resp: 361942
Ion Ratio Lower Upper
50 100
52 33.3 26.0 39.0



#4
Vinyl Chloride
Concen: 44.717 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

Tgt Ion: 62 Resp: 427991
Ion Ratio Lower Upper
62 100
64 32.1 25.3 37.9

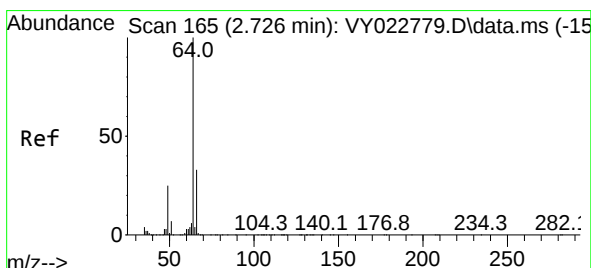
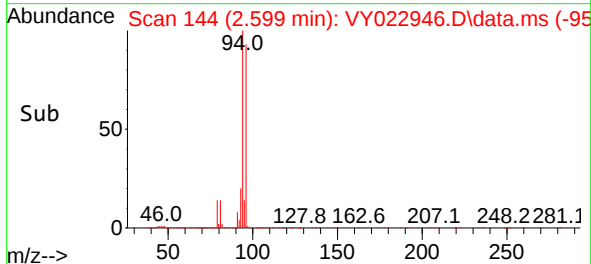
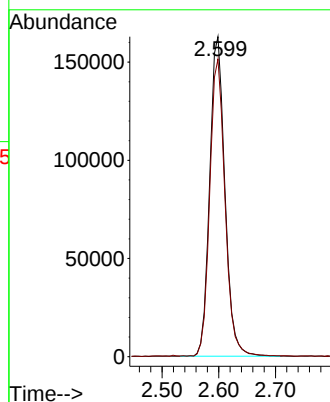
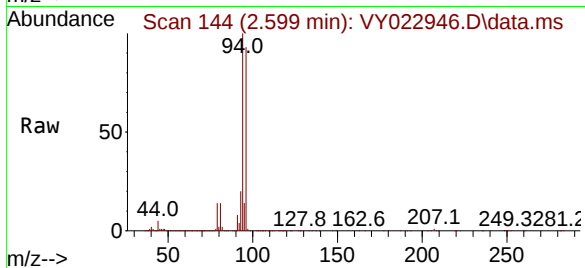




#5
Bromomethane
Concen: 40.443 ug/l
RT: 2.599 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022946.D
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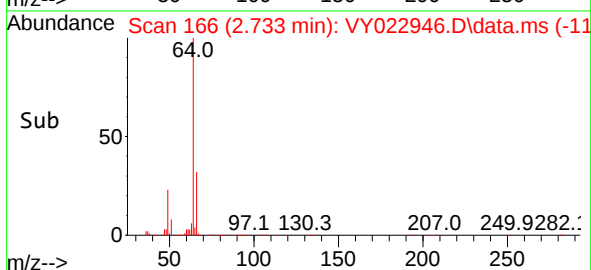
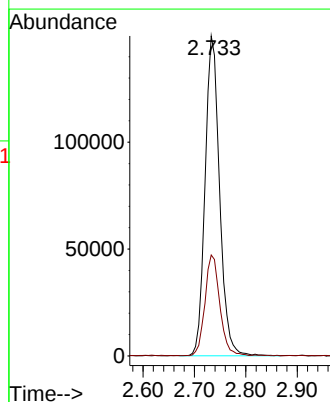
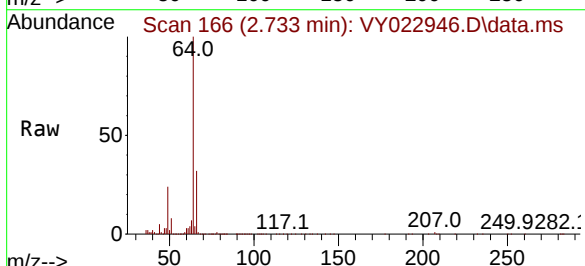
Instrument :
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Tgt Ion: 94 Resp: 304314
Ion Ratio Lower Upper
94 100
96 92.9 74.0 111.0



#6
Chloroethane
Concen: 45.459 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022946.D
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Tgt Ion: 64 Resp: 292466
Ion Ratio Lower Upper
64 100
66 31.5 23.8 35.6

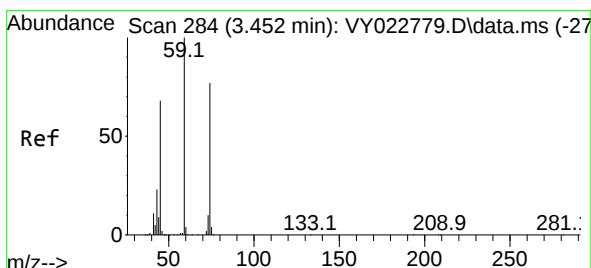
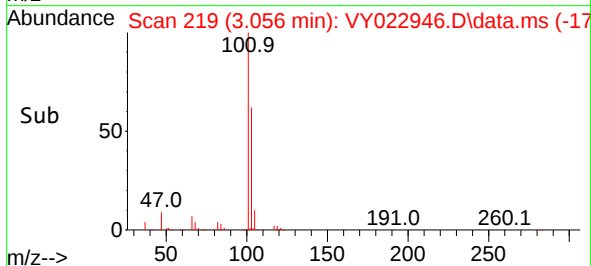
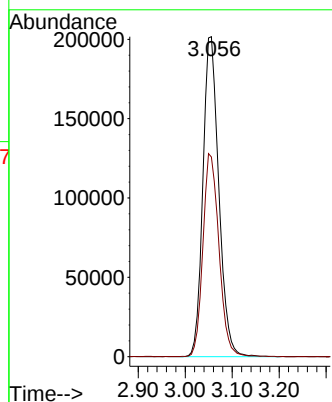
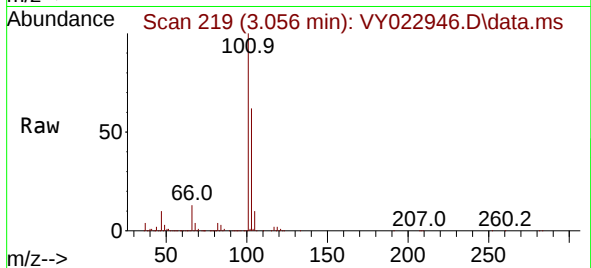




#7
Trichlorofluoromethane
Concen: 44.645 ug/l
RT: 3.056 min Scan# 217
Delta R.T. 0.000 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

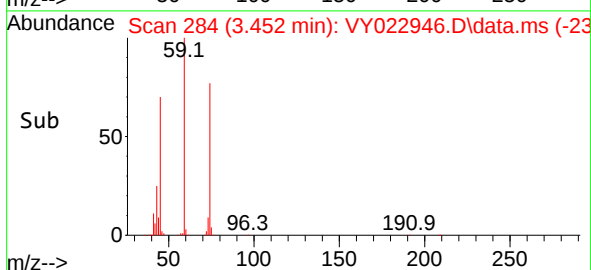
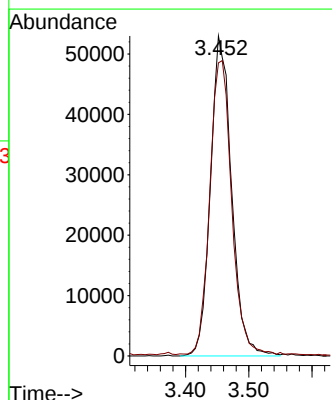
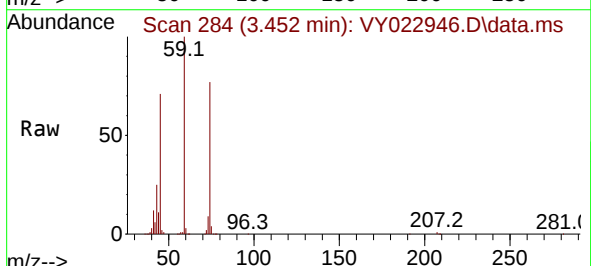
Instrument :
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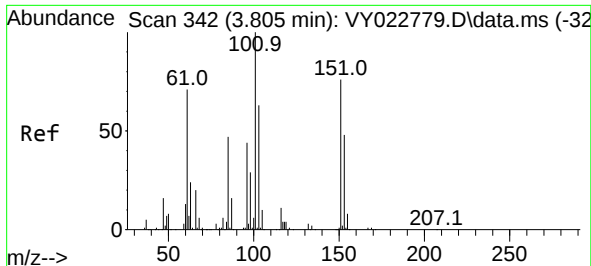
Tgt Ion:101 Resp: 473145
Ion Ratio Lower Upper
101 100
103 62.4 52.2 78.2



#8
Diethyl Ether
Concen: 46.996 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.012 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

Tgt Ion: 74 Resp: 123014
Ion Ratio Lower Upper
74 100
45 95.0 45.9 137.6

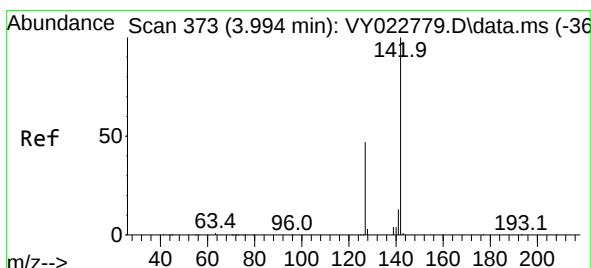
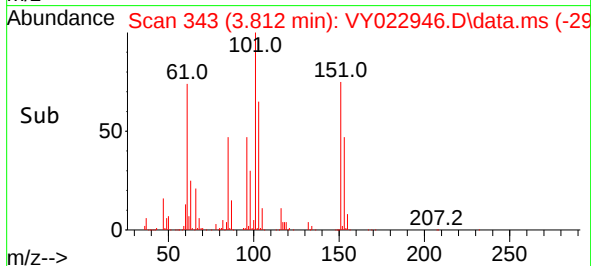
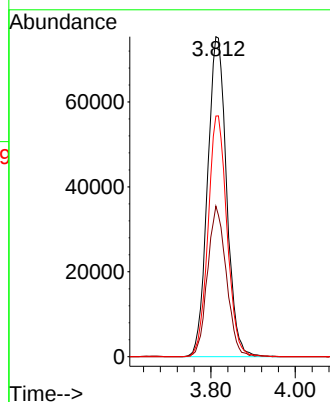
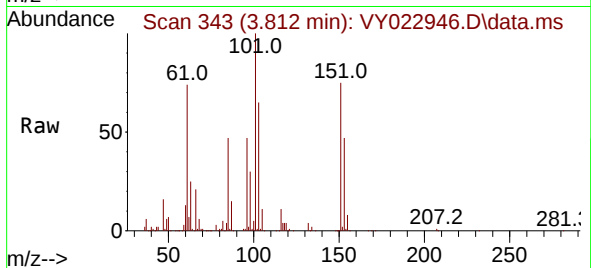




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.799 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

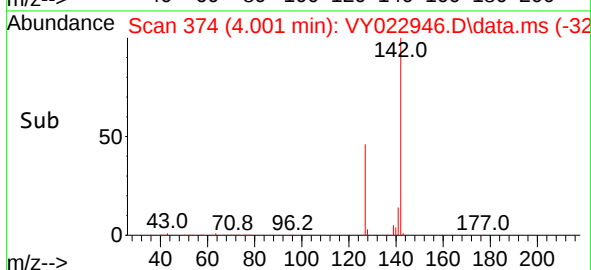
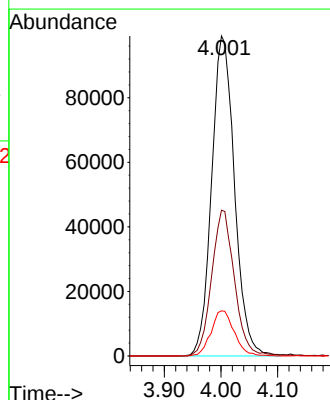
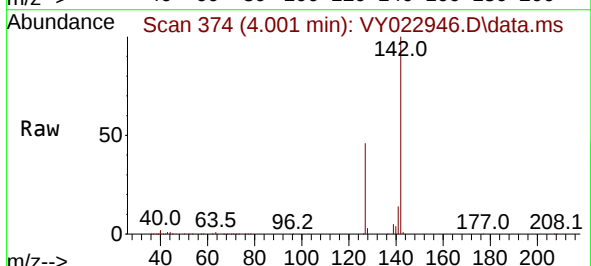
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 236344
Ion Ratio Lower Upper
101 100
85 46.5 39.3 58.9
151 74.8 57.8 86.8



#10
Methyl Iodide
Concen: 52.700 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

Tgt Ion:142 Resp: 277897
Ion Ratio Lower Upper
142 100
127 45.4 37.1 55.7
141 14.3 11.4 17.2

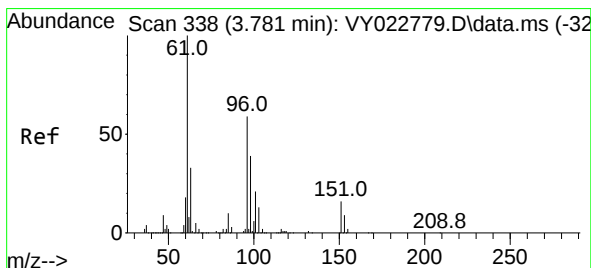
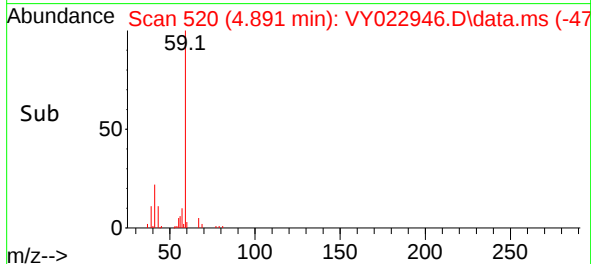
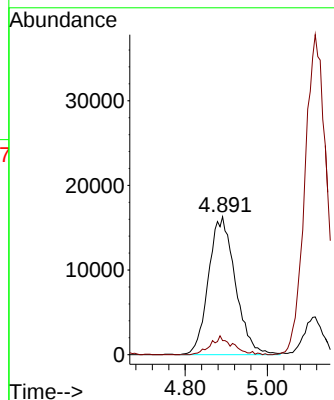
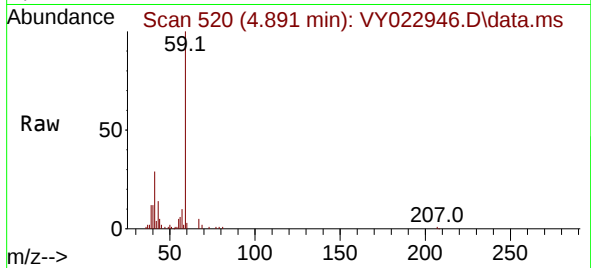




#11
Tert butyl alcohol
Concen: 211.961 ug/l
RT: 4.891 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

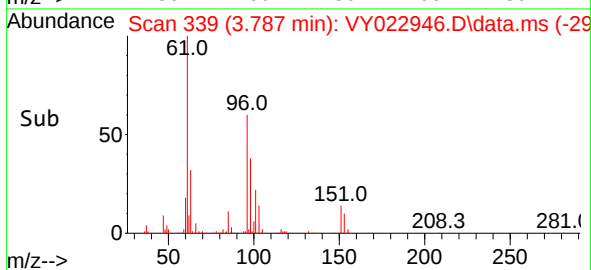
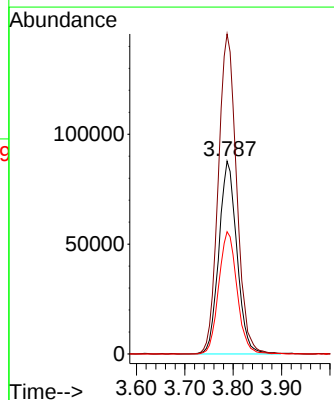
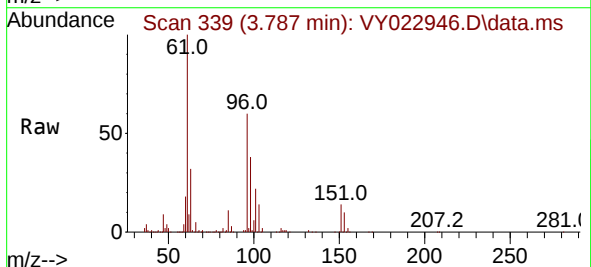
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 73803
Ion Ratio Lower Upper
59 100
57 10.7 8.0 12.0



#12
1,1-Dichloroethene
Concen: 47.897 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

Tgt Ion: 96 Resp: 227462
Ion Ratio Lower Upper
96 100
61 166.0 134.6 201.8
98 63.4 50.2 75.4

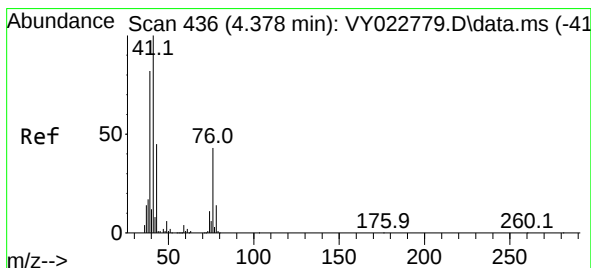
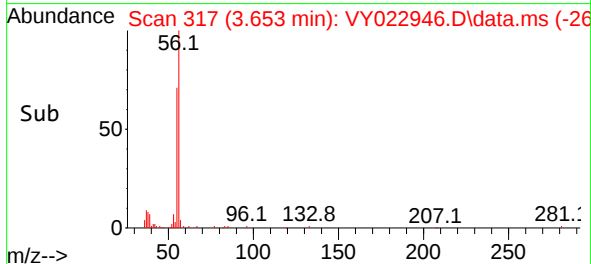
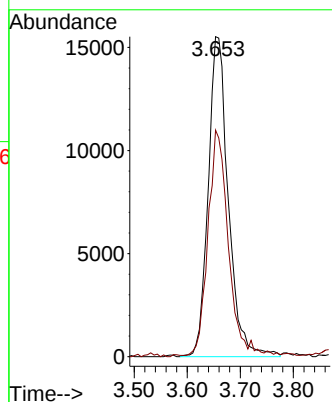
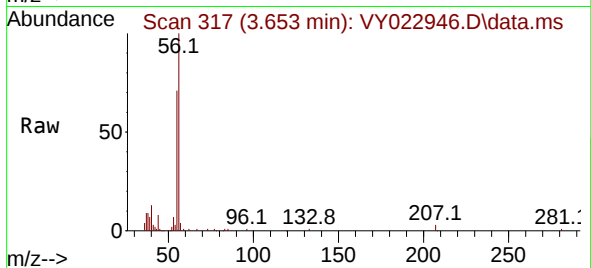




#13
Acrolein
Concen: 86.631 ug/l
RT: 3.653 min Scan# 316
Delta R.T. -0.006 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

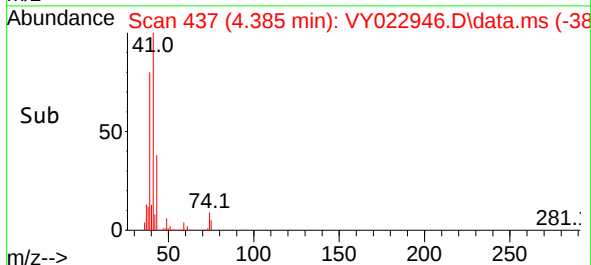
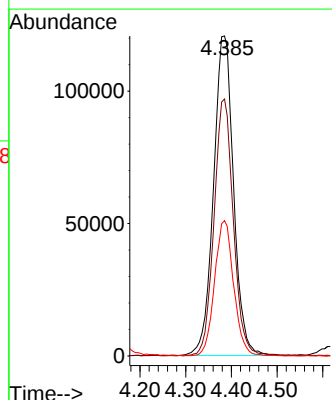
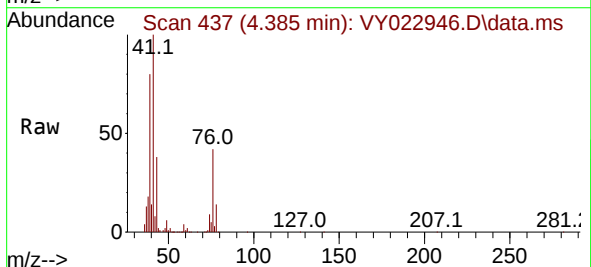
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

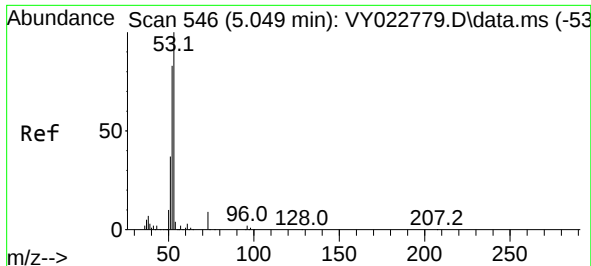
Tgt Ion: 56 Resp: 40903
Ion Ratio Lower Upper
56 100
55 70.2 57.0 85.6



#14
Allyl chloride
Concen: 50.437 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

Tgt Ion: 41 Resp: 368422
Ion Ratio Lower Upper
41 100
39 77.3 69.1 103.7
76 40.4 33.5 50.3

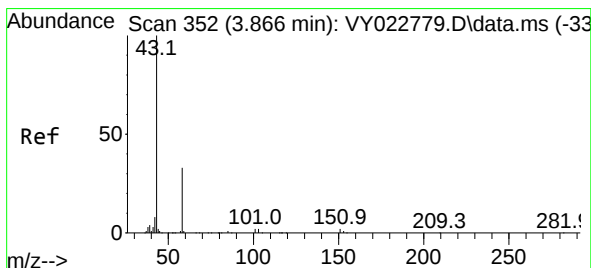
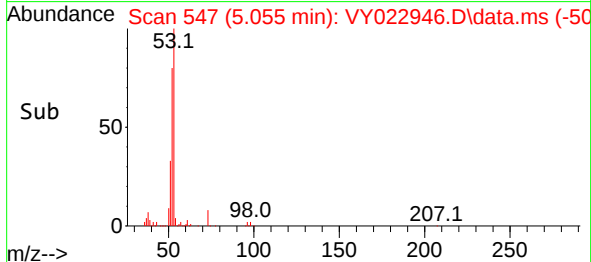
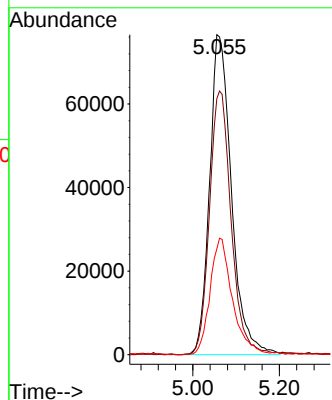
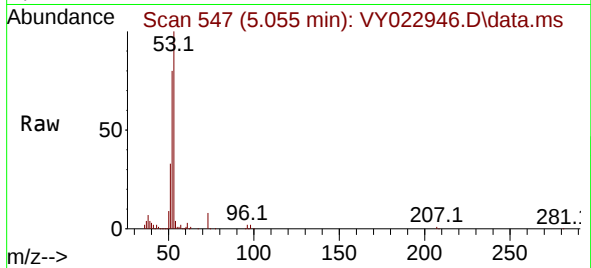




#15
Acrylonitrile
Concen: 246.227 ug/l
RT: 5.055 min Scan# 546
Delta R.T. -0.012 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

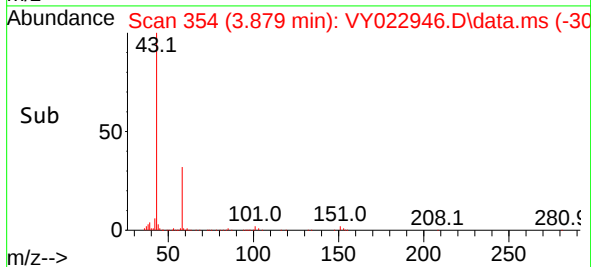
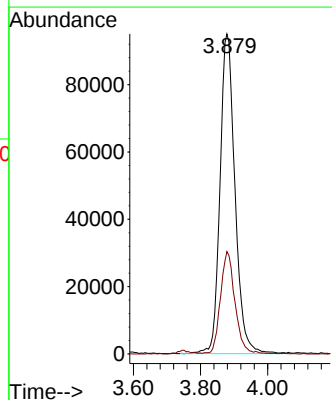
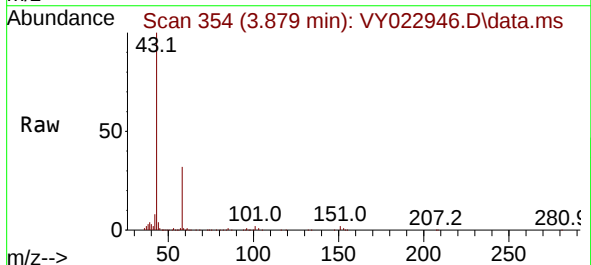
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

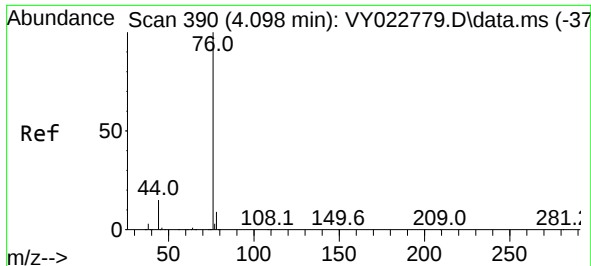
Tgt Ion: 53 Resp: 268907
Ion Ratio Lower Upper
53 100
52 81.6 65.7 98.5
51 37.2 30.1 45.1



#16
Acetone
Concen: 297.244 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.000 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

Tgt Ion: 43 Resp: 294196
Ion Ratio Lower Upper
43 100
58 31.9 24.0 36.0

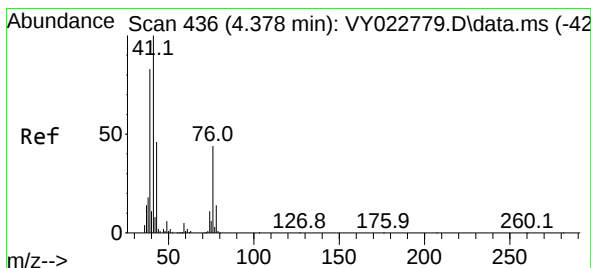
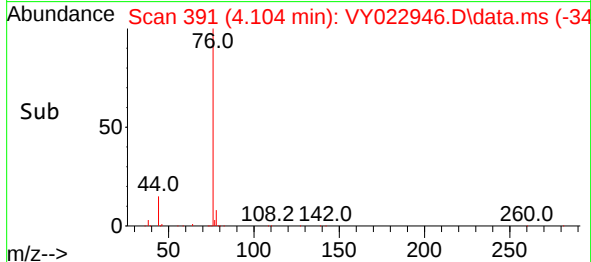
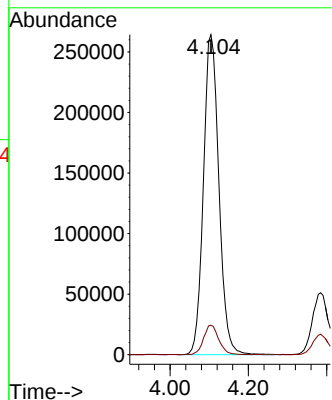
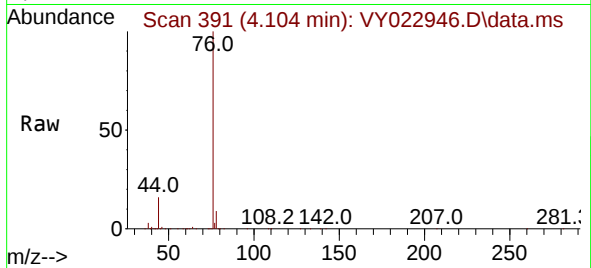




#17
Carbon Disulfide
Concen: 47.148 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

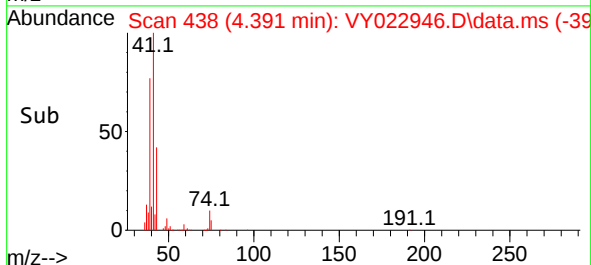
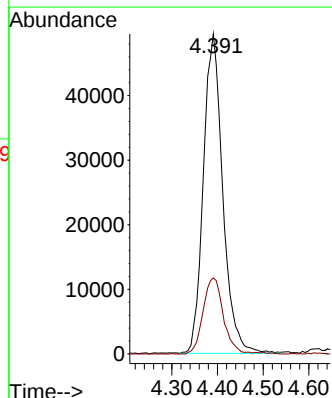
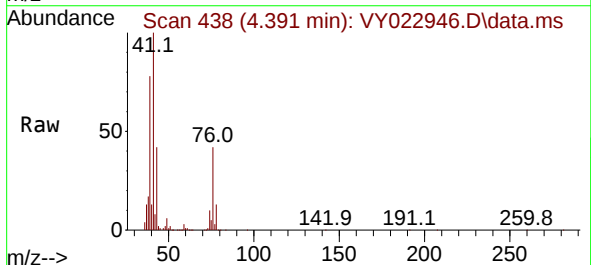
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

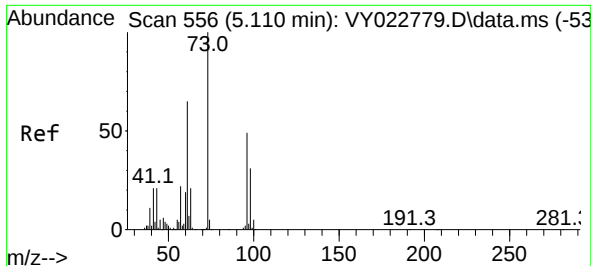
Tgt Ion: 76 Resp: 723334
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 44.534 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

Tgt Ion: 43 Resp: 145970
Ion Ratio Lower Upper
43 100
74 24.7 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 47.301 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY022946.D

Acq: 07 Jul 2025 09:08

Instrument :

MSVOA_Y

ClientSampleId :

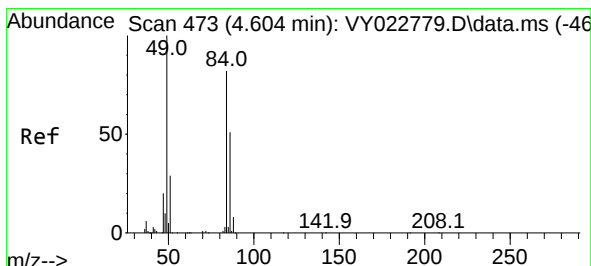
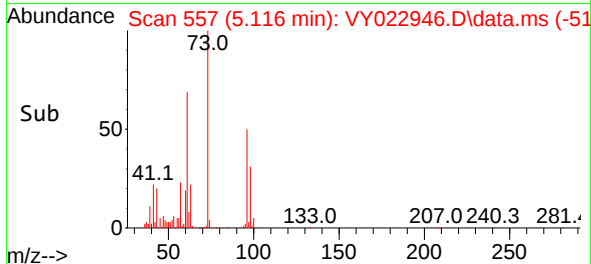
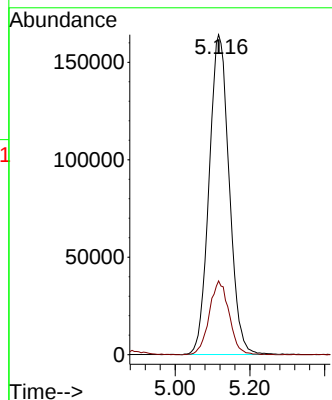
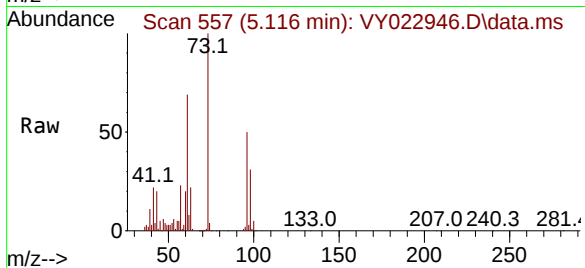
VSTDCCC050

Tgt Ion: 73 Resp: 611645

Ion Ratio Lower Upper

73 100

57 23.0 17.4 26.0



#20

Methylene Chloride

Concen: 44.396 ug/l

RT: 4.616 min Scan# 475

Delta R.T. -0.006 min

Lab File: VY022946.D

Acq: 07 Jul 2025 09:08

Tgt Ion: 84 Resp: 277496

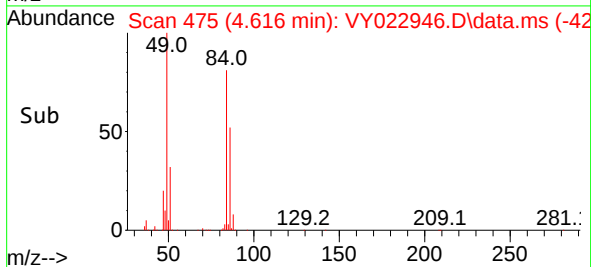
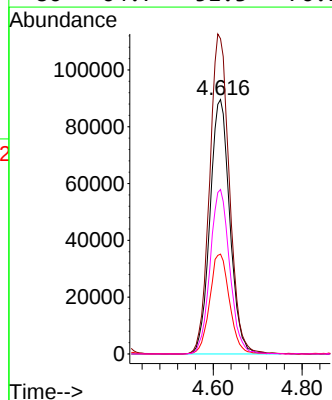
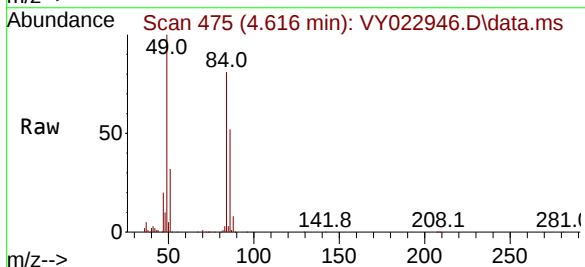
Ion Ratio Lower Upper

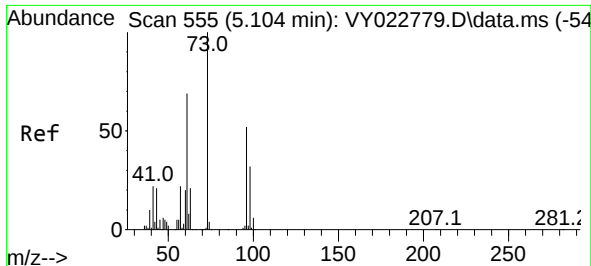
84 100

49 123.9 101.9 152.9

51 39.3 29.8 44.8

86 64.7 51.3 76.9

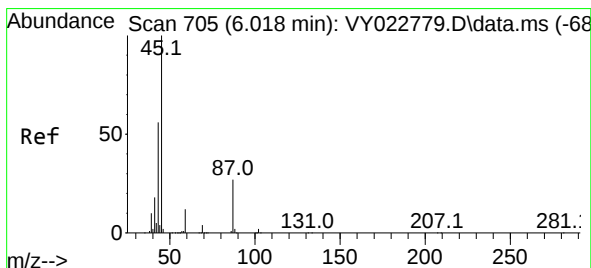
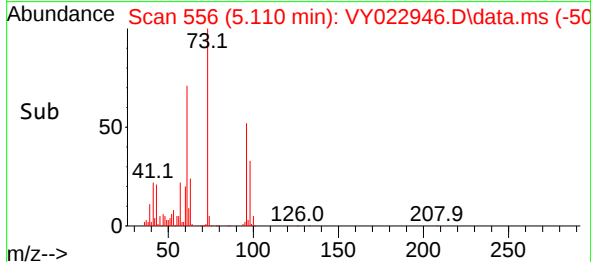
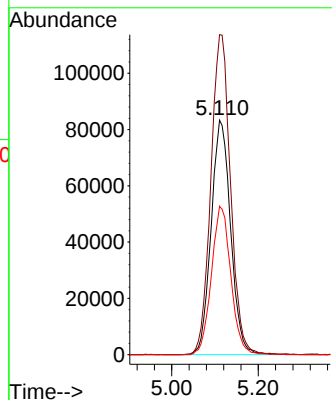
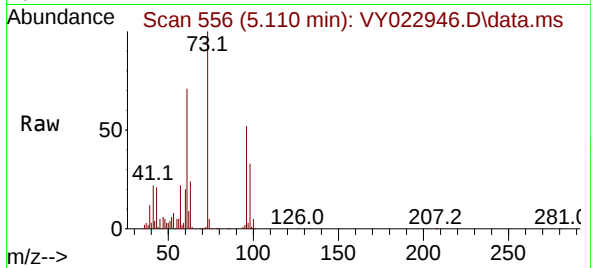




#21
trans-1,2-Dichloroethene
Concen: 48.190 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

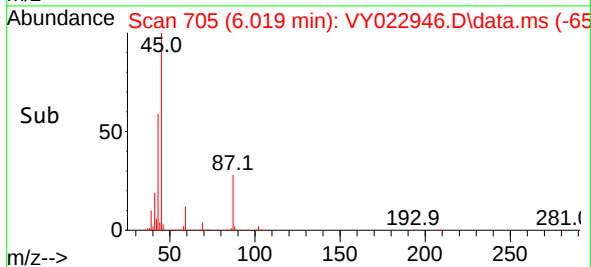
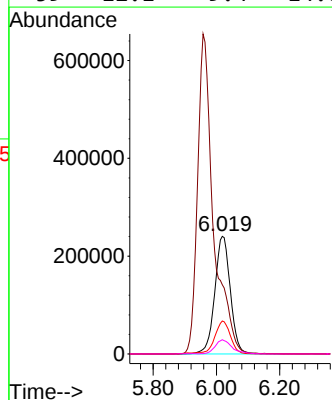
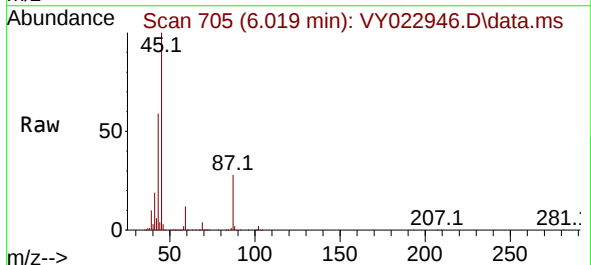
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

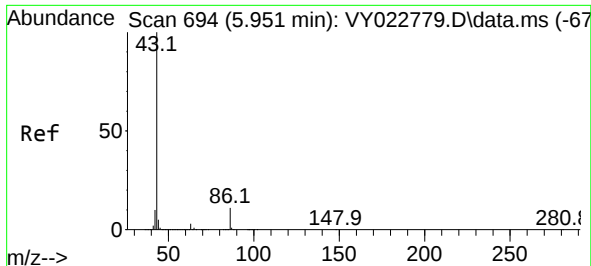
Tgt Ion: 96 Resp: 261557
Ion Ratio Lower Upper
96 100
61 136.5 112.6 169.0
98 63.3 50.6 75.8



#22
Diisopropyl ether
Concen: 50.524 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

Tgt Ion: 45 Resp: 819602
Ion Ratio Lower Upper
45 100
43 58.8 48.3 72.5
87 28.0 23.0 34.6
59 12.1 9.4 14.0

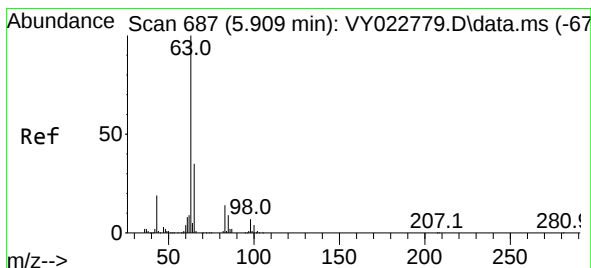
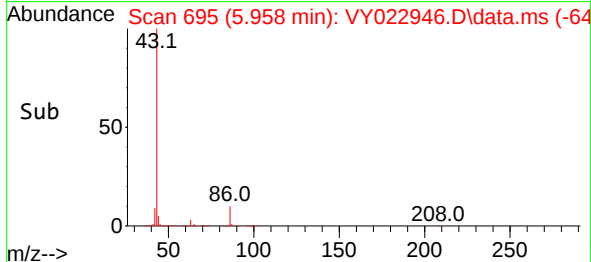
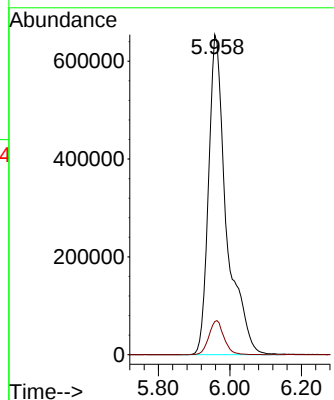
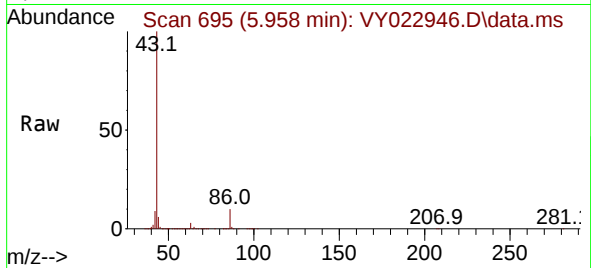




#23
 Vinyl Acetate
 Concen: 254.469 ug/l
 RT: 5.958 min Scan# 694
 Delta R.T. -0.012 min
 Lab File: VY022946.D
 Acq: 07 Jul 2025 09:08

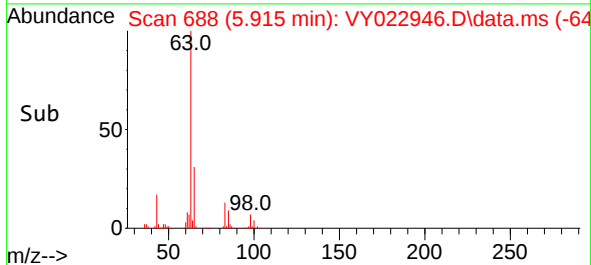
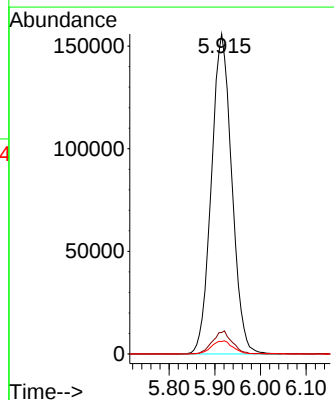
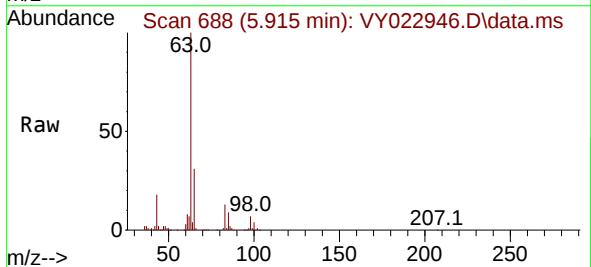
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

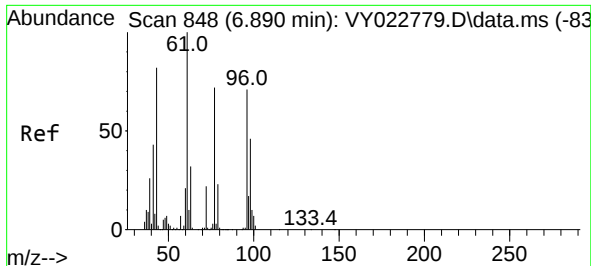
Tgt Ion: 43 Resp: 2279836
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 49.442 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY022946.D
 Acq: 07 Jul 2025 09:08

Tgt Ion: 63 Resp: 484456
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.1
 100 3.9 2.1 6.3

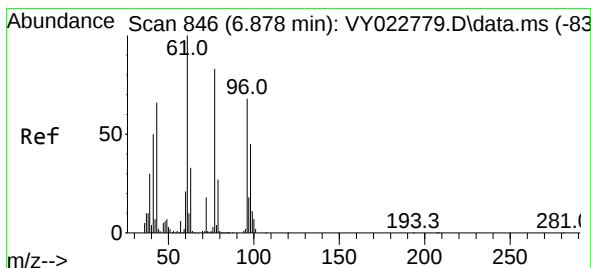
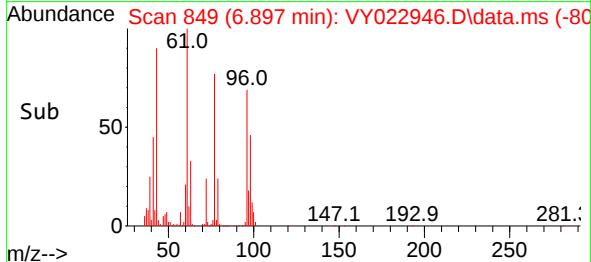
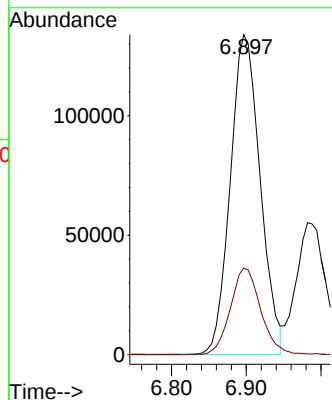
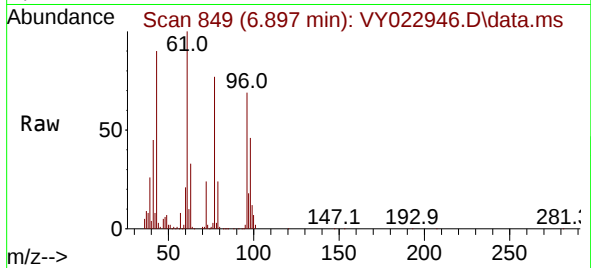




#25
2-Butanone
Concen: 257.909 ug/l
RT: 6.897 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

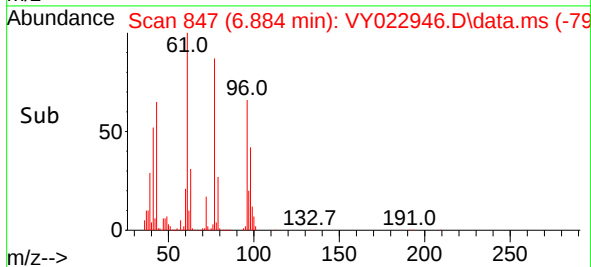
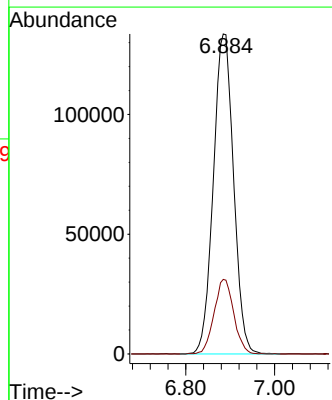
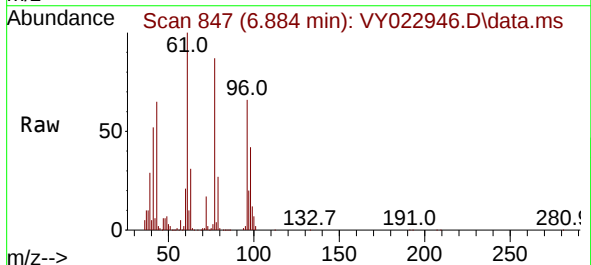
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 371518
Ion Ratio Lower Upper
43 100
72 27.0 22.9 34.3



#26
2,2-Dichloropropane
Concen: 51.333 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

Tgt Ion: 77 Resp: 421633
Ion Ratio Lower Upper
77 100
97 22.6 11.4 34.2

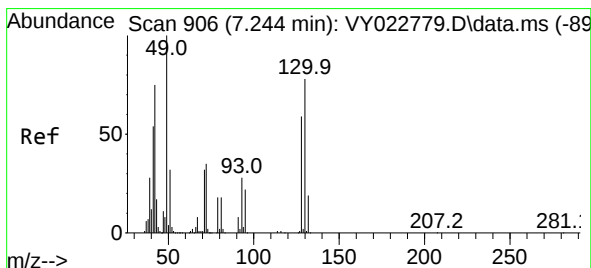
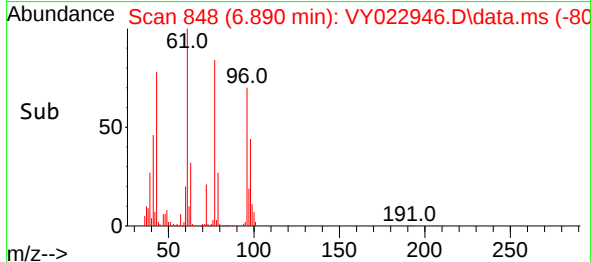
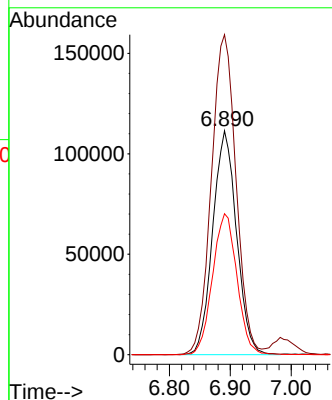
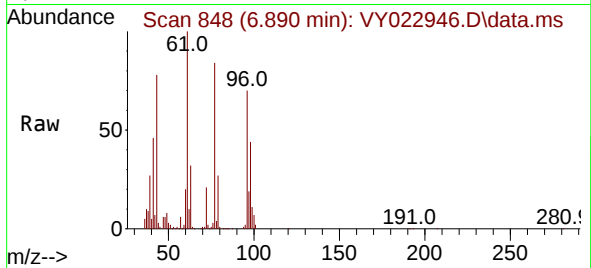




#27
 cis-1,2-Dichloroethene
 Concen: 48.094 ug/l
 RT: 6.890 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY022946.D
 Acq: 07 Jul 2025 09:08

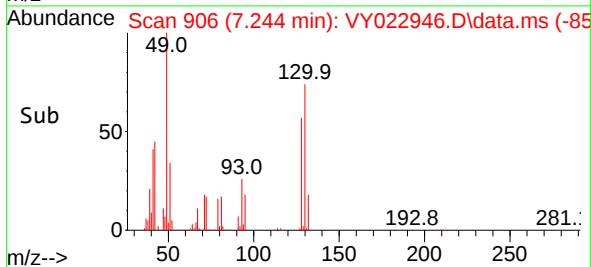
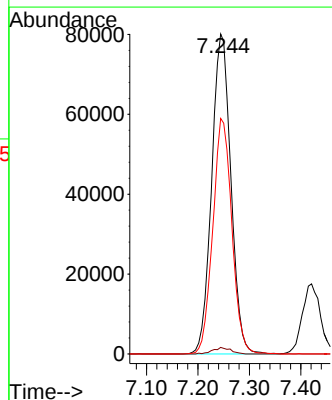
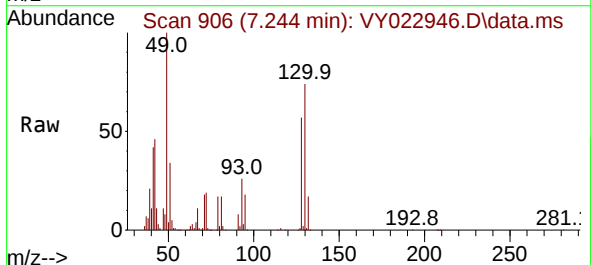
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

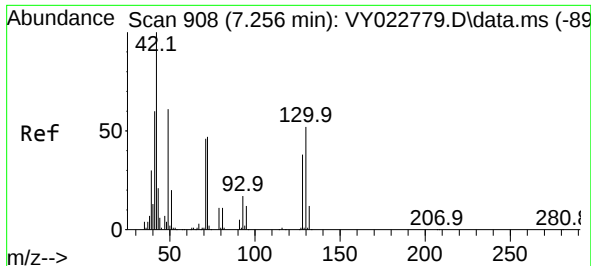
Tgt Ion: 96 Resp: 303325
 Ion Ratio Lower Upper
 96 100
 61 147.8 0.0 290.0
 98 64.6 0.0 128.4



#28
 Bromochloromethane
 Concen: 50.456 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY022946.D
 Acq: 07 Jul 2025 09:08

Tgt Ion: 49 Resp: 207851
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.6
 130 73.0 55.7 83.5

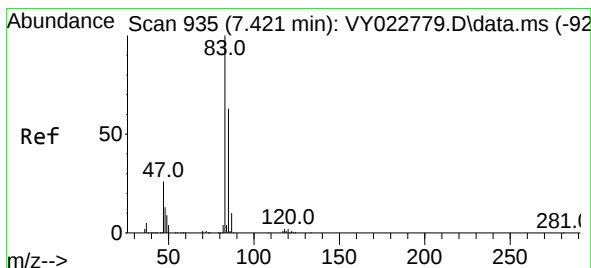
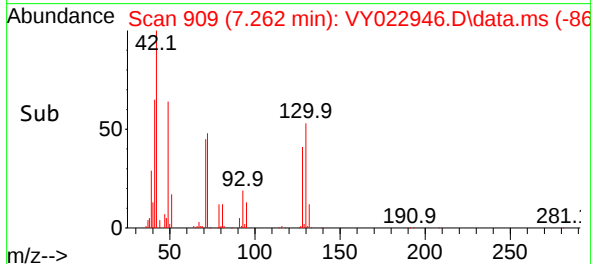
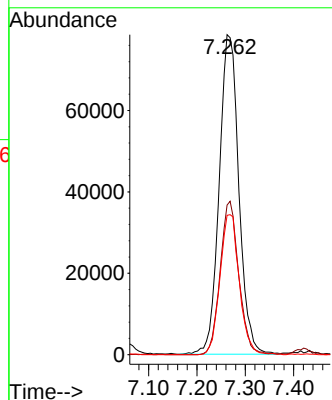
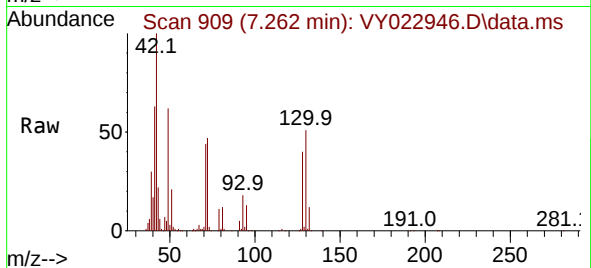




#29
Tetrahydrofuran
Concen: 243.613 ug/l
RT: 7.262 min Scan# 908
Delta R.T. -0.006 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

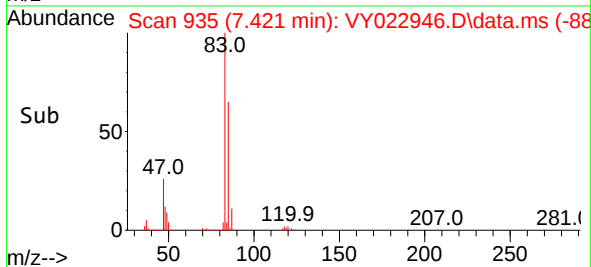
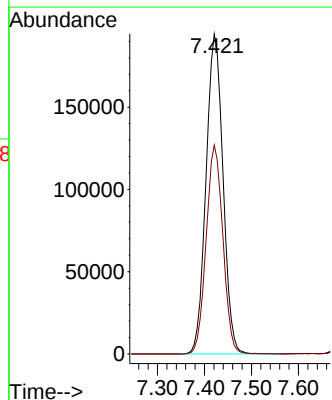
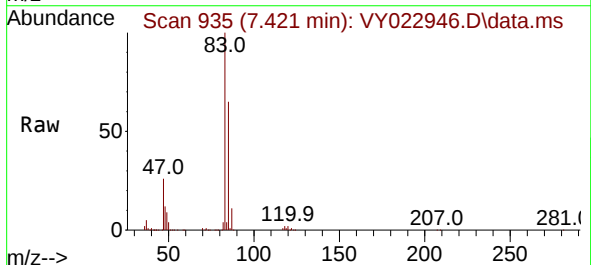
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

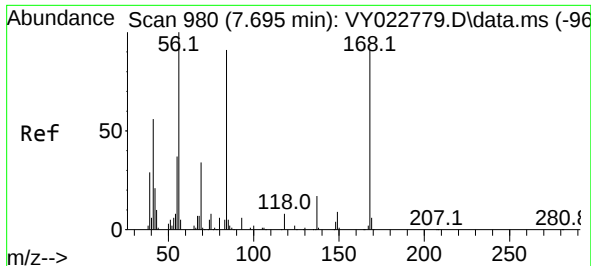
Tgt Ion: 42 Resp: 221589
Ion Ratio Lower Upper
42 100
72 45.4 37.4 56.2
71 43.1 34.2 51.2



#30
Chloroform
Concen: 48.220 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.006 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

Tgt Ion: 83 Resp: 486641
Ion Ratio Lower Upper
83 100
85 65.2 54.2 81.4

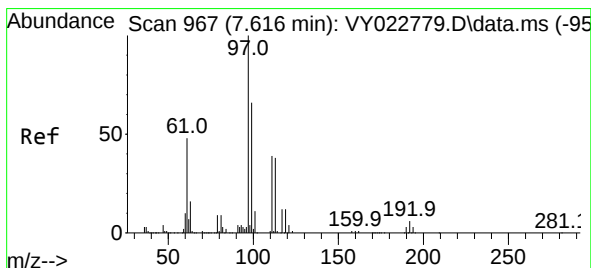
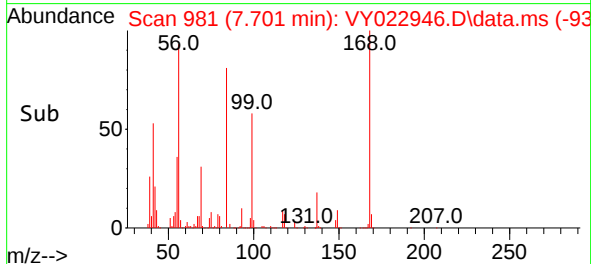
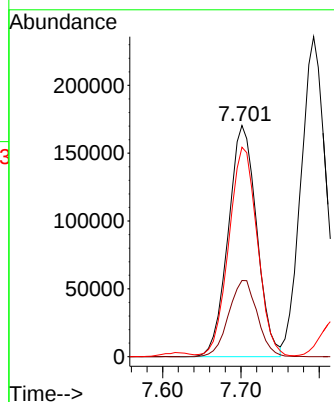
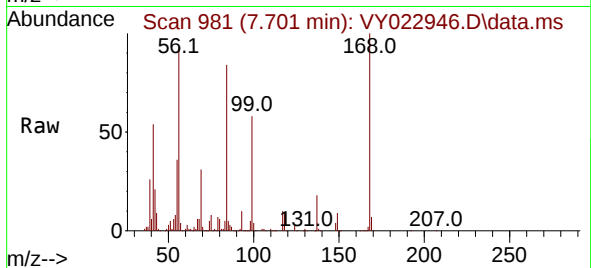




#31
Cyclohexane
Concen: 47.890 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

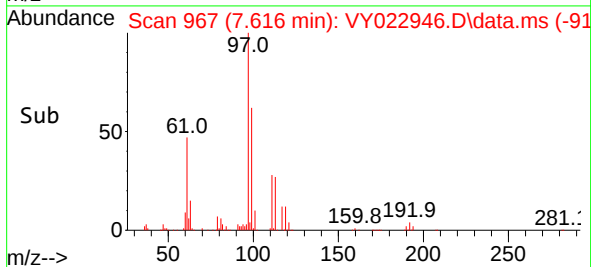
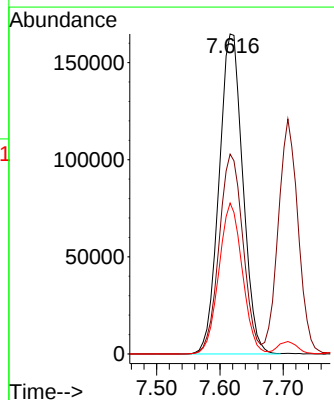
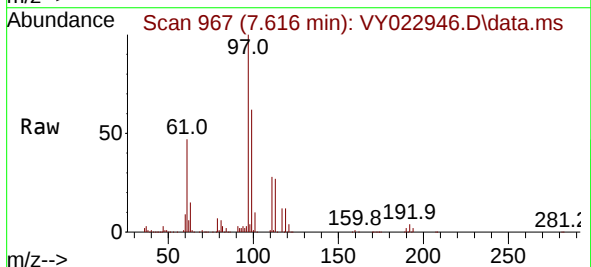
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

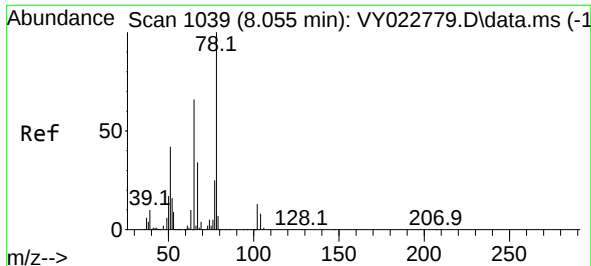
Tgt Ion: 56 Resp: 430743
Ion Ratio Lower Upper
56 100
69 33.0 27.0 40.6
84 88.9 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 49.231 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

Tgt Ion: 97 Resp: 429352
Ion Ratio Lower Upper
97 100
99 63.0 50.9 76.3
61 46.6 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 47.137 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY022946.D

Acq: 07 Jul 2025 09:08

Instrument :

MSVOA_Y

ClientSampleId :

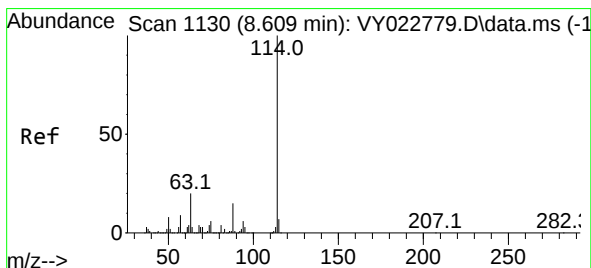
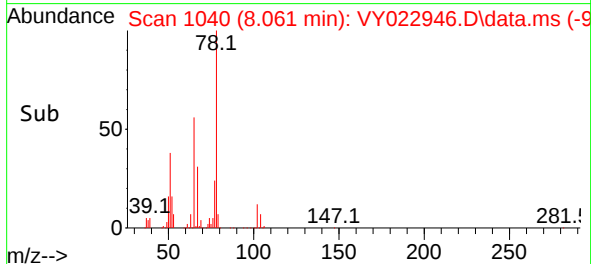
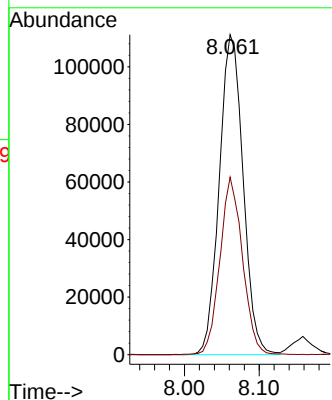
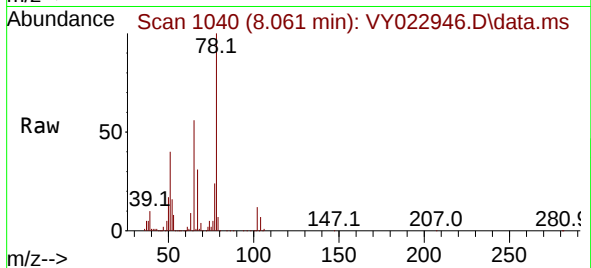
VSTDCCC050

Tgt Ion: 65 Resp: 246832

Ion Ratio Lower Upper

65 100

67 52.7 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022946.D

Acq: 07 Jul 2025 09:08

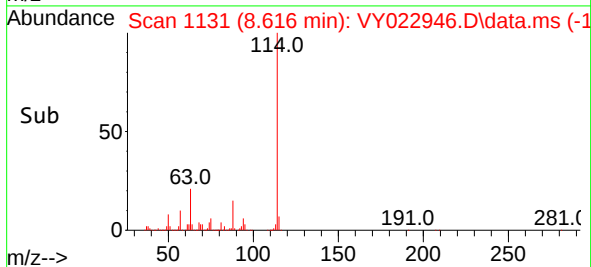
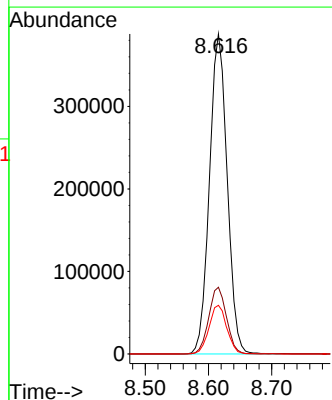
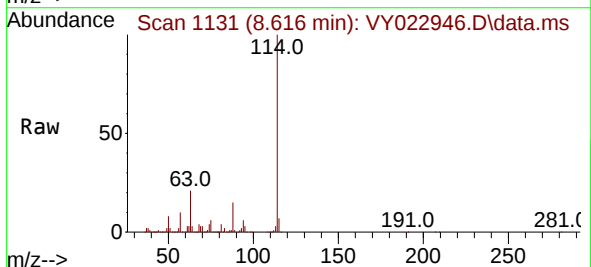
Tgt Ion: 114 Resp: 754142

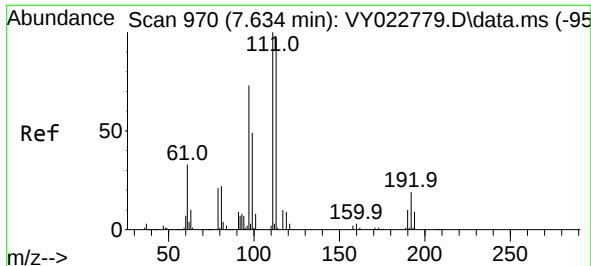
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.8

88 15.2 0.0 27.8

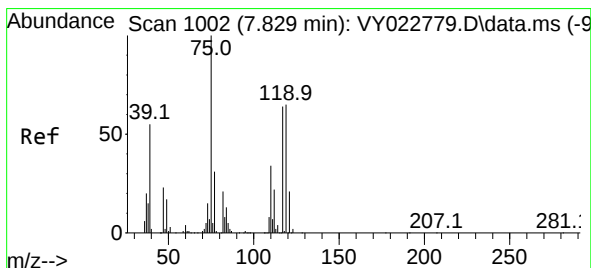
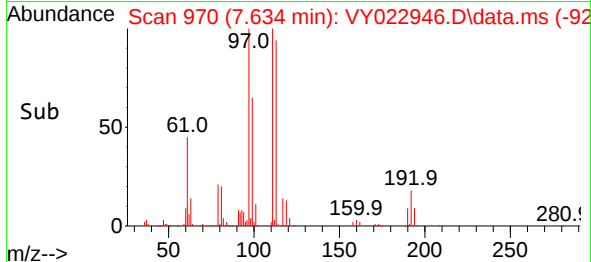
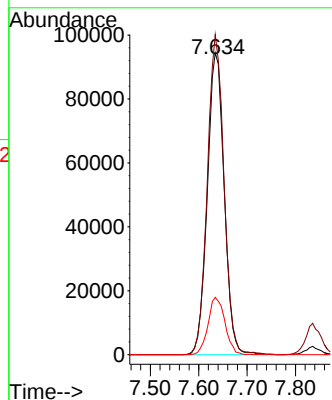
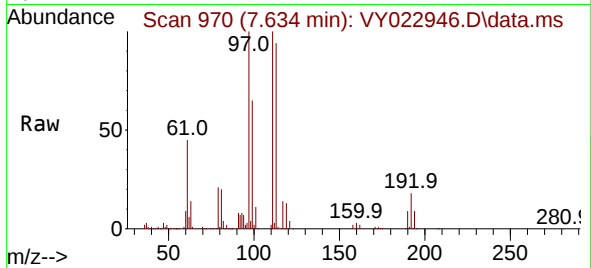




#35
Dibromofluoromethane
Concen: 49.940 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

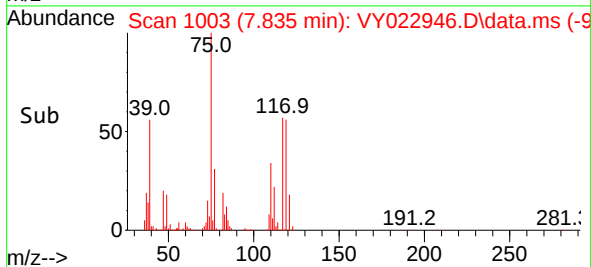
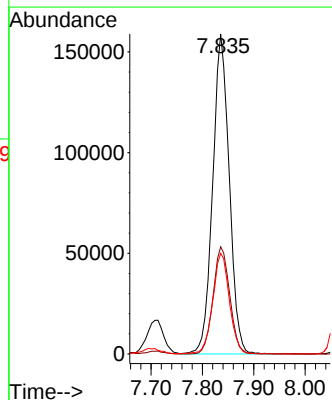
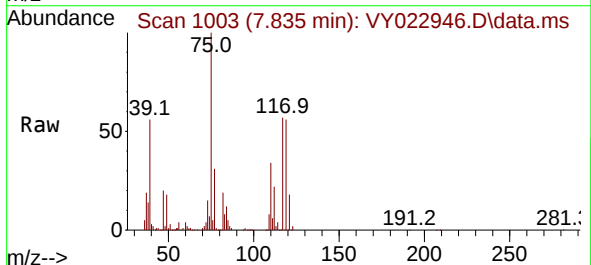
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

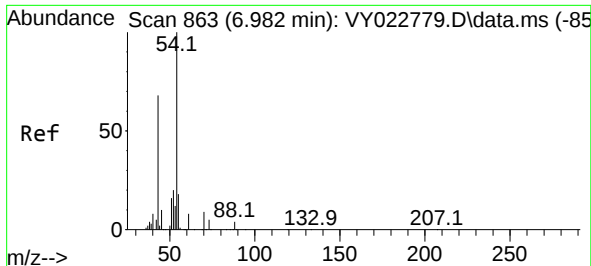
Tgt Ion:113 Resp: 229041
Ion Ratio Lower Upper
113 100
111 104.6 81.1 121.7
192 19.1 14.2 21.2



#36
1,1-Dichloropropene
Concen: 51.139 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

Tgt Ion: 75 Resp: 355507
Ion Ratio Lower Upper
75 100
110 33.6 16.9 50.7
77 31.5 24.8 37.2





#37

Ethyl Acetate

Concen: 51.513 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.012 min

Lab File: VY022946.D

Acq: 07 Jul 2025 09:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

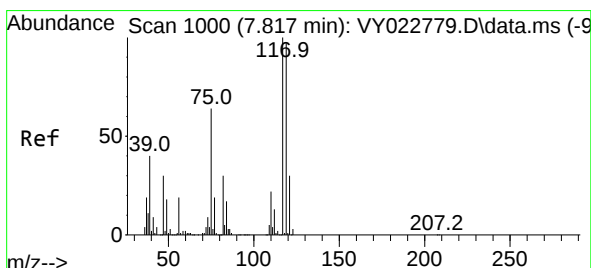
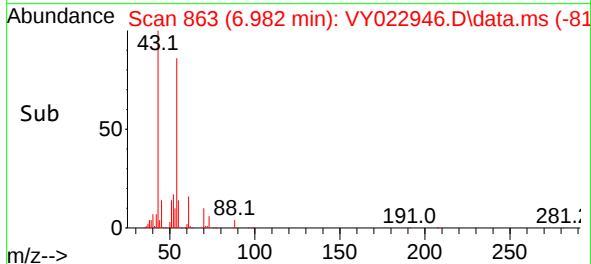
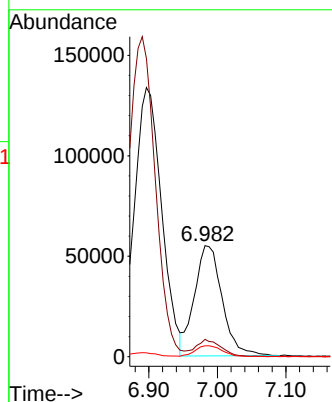
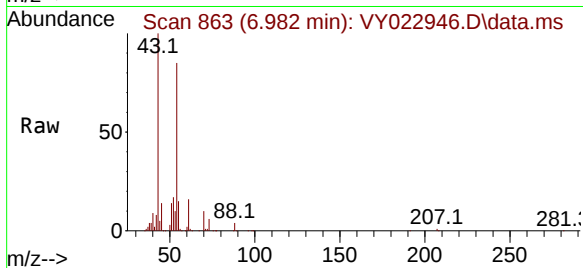
Tgt Ion: 43 Resp: 154528

Ion Ratio Lower Upper

43 100

61 13.9 11.5 17.3

70 9.9 7.2 10.8



#38

Carbon Tetrachloride

Concen: 51.067 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY022946.D

Acq: 07 Jul 2025 09:08

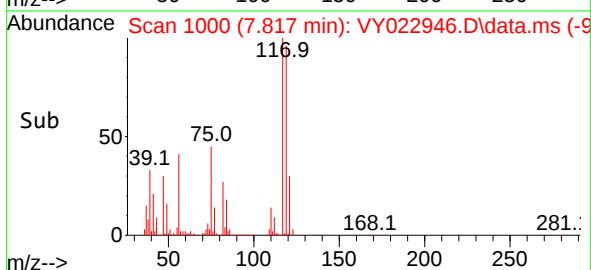
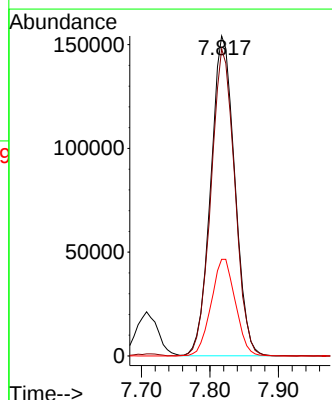
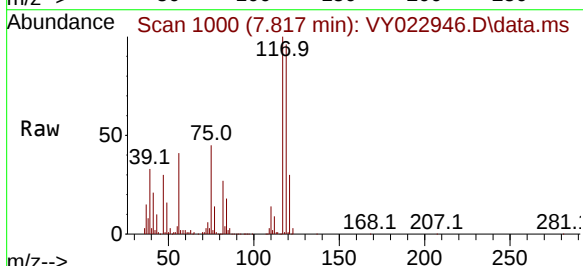
Tgt Ion: 117 Resp: 374577

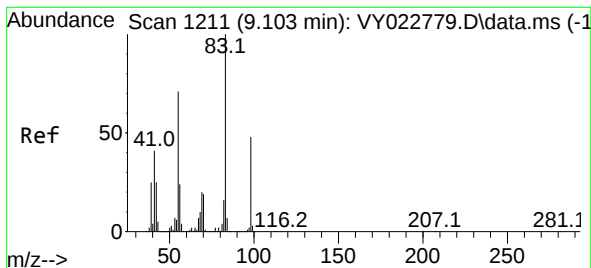
Ion Ratio Lower Upper

117 100

119 95.9 75.0 112.6

121 30.2 25.0 37.4





#39

Methylcyclohexane

Concen: 51.165 ug/l

RT: 9.110 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022946.D

Acq: 07 Jul 2025 09:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

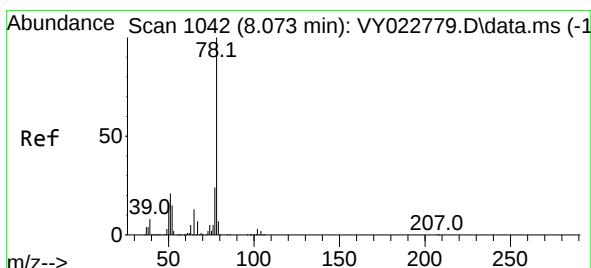
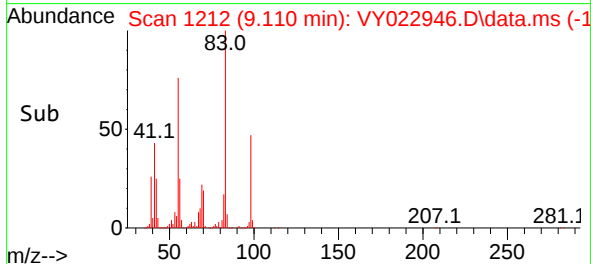
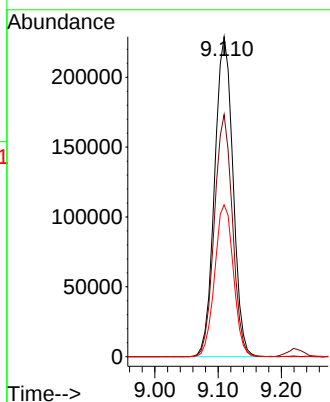
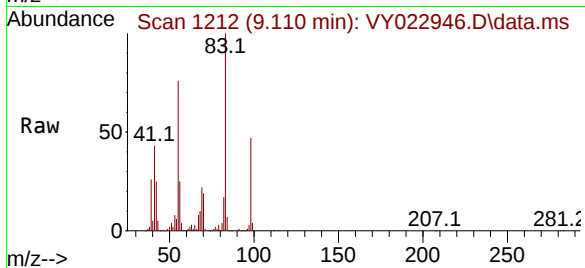
Tgt Ion: 83 Resp: 460294

Ion Ratio Lower Upper

83 100

55 75.6 58.1 87.1

98 47.5 39.0 58.6



#40

Benzene

Concen: 51.185 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022946.D

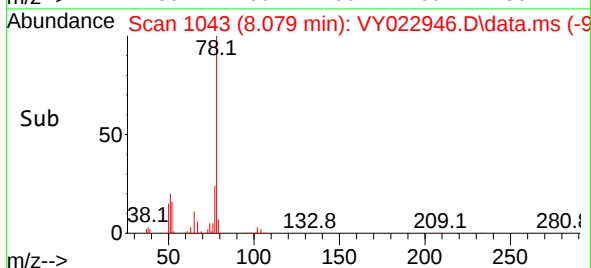
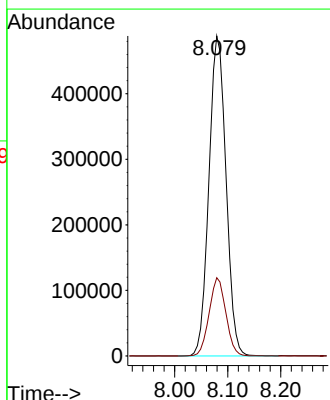
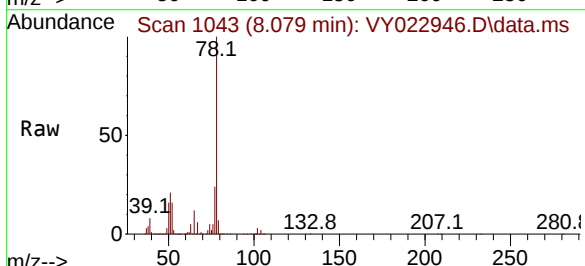
Acq: 07 Jul 2025 09:08

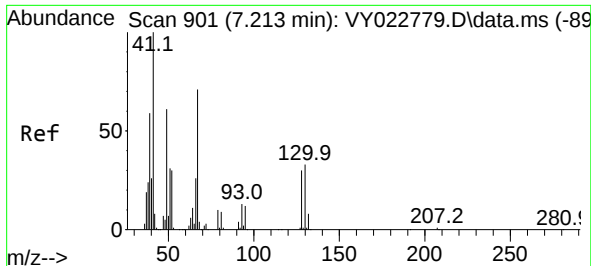
Tgt Ion: 78 Resp: 1094013

Ion Ratio Lower Upper

78 100

77 24.5 19.3 28.9



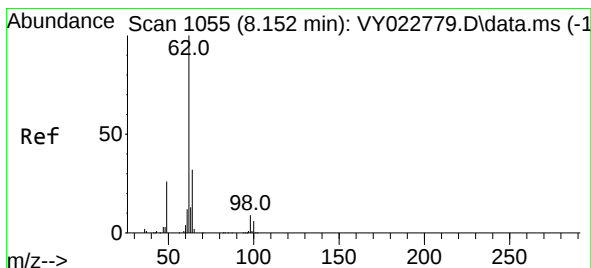
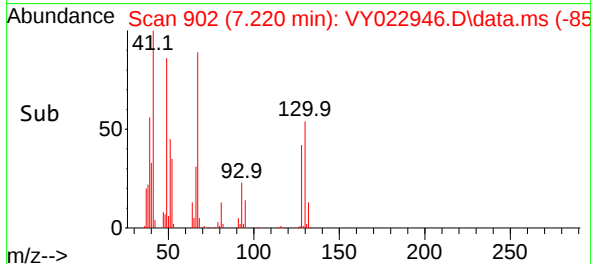
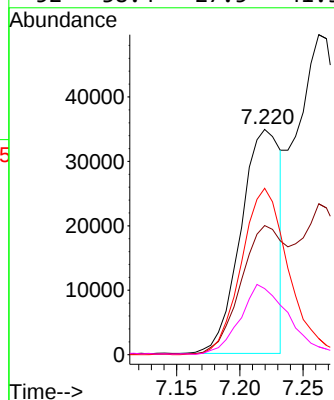
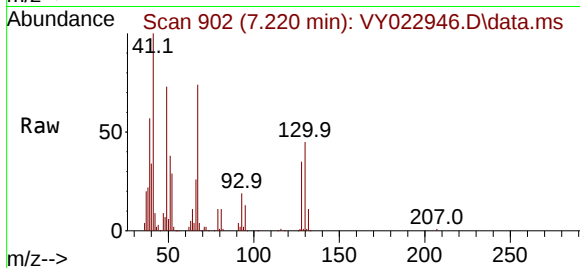


#41
Methacrylonitrile
Concen: 40.971 ug/l
RT: 7.220 min Scan# 901
Delta R.T. -0.012 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 75664

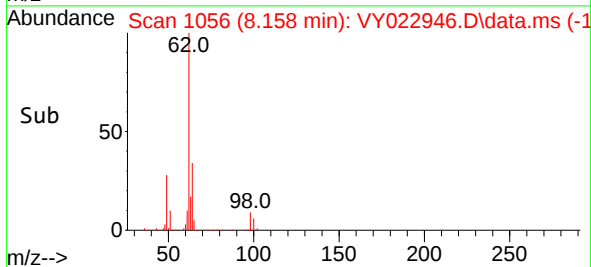
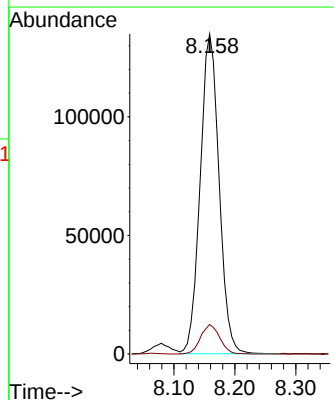
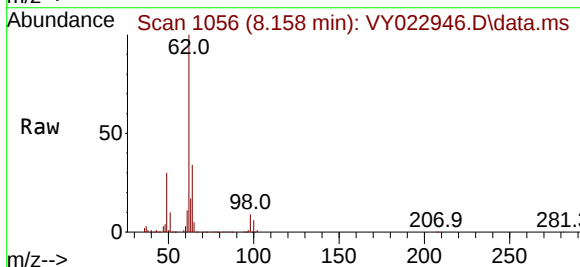
Ion	Ratio	Lower	Upper
41	100		
39	65.1	46.6	69.8
67	89.6	63.3	94.9
52	38.4	27.5	41.3

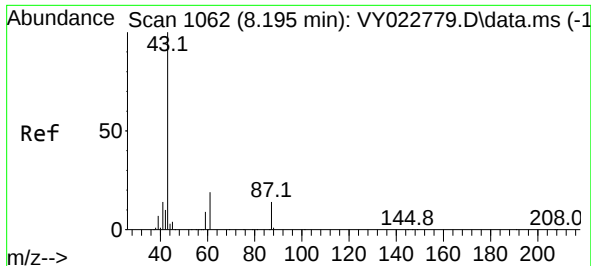


#42
1,2-Dichloroethane
Concen: 49.608 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

Tgt Ion: 62 Resp: 290550

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.2

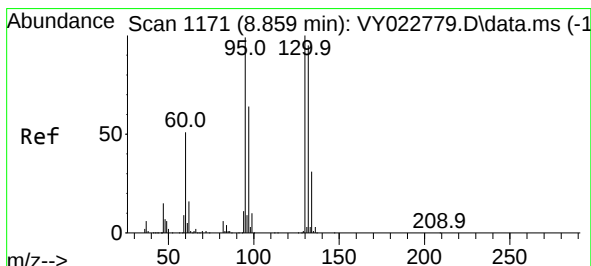
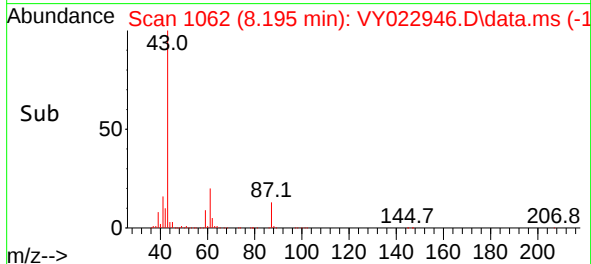
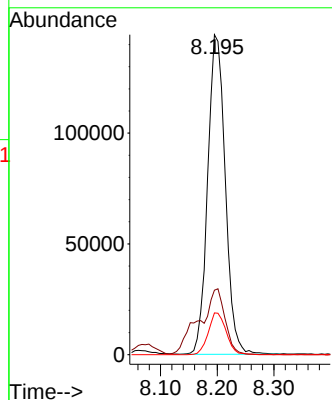
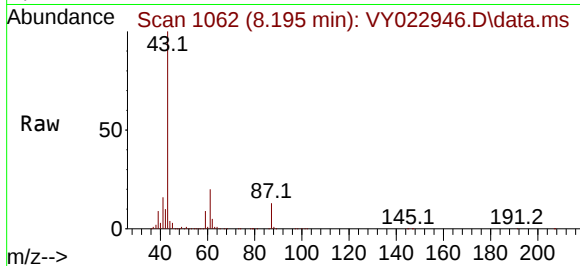




#43
Isopropyl Acetate
Concen: 49.895 ug/l
RT: 8.195 min Scan# 11082
Delta R.T. -0.006 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

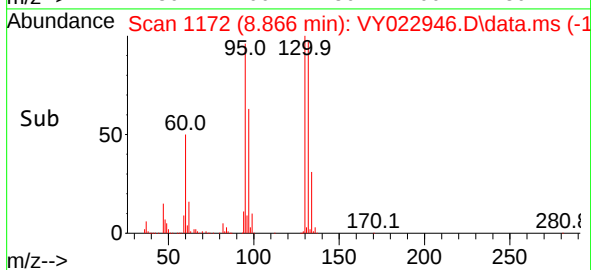
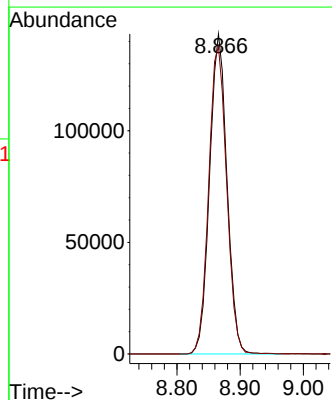
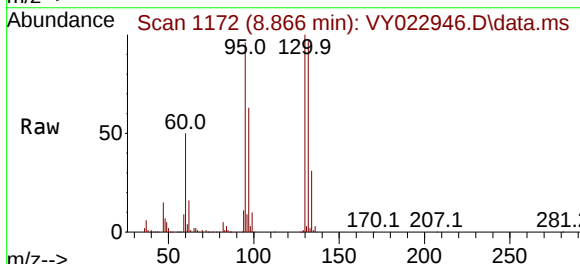
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

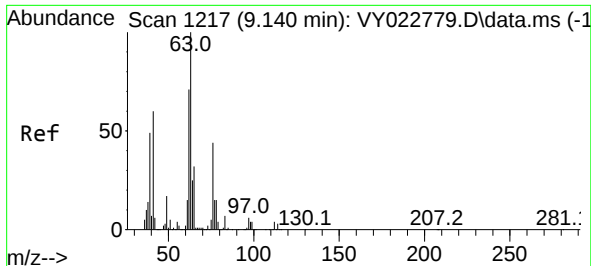
Tgt Ion: 43 Resp: 311082
Ion Ratio Lower Upper
43 100
61 30.1 15.6 23.4#
87 13.3 10.2 15.4



#44
Trichloroethene
Concen: 51.008 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

Tgt Ion:130 Resp: 273722
Ion Ratio Lower Upper
130 100
95 96.2 0.0 203.0





#45

1,2-Dichloropropane

Concen: 51.480 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY022946.D

Acq: 07 Jul 2025 09:08

Instrument :

MSVOA_Y

ClientSampleId :

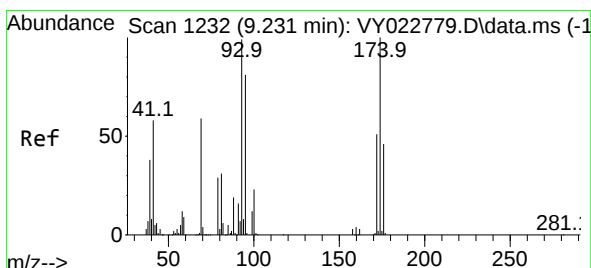
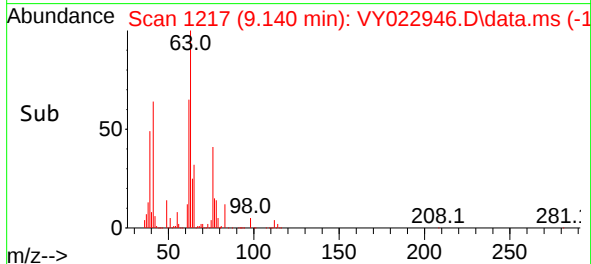
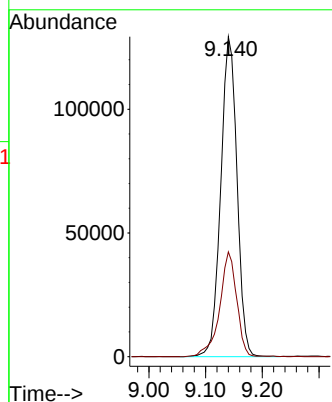
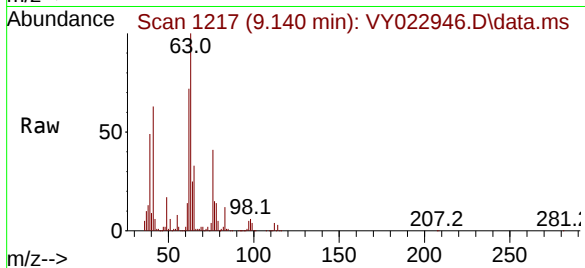
VSTDCCC050

Tgt Ion: 63 Resp: 257521

Ion Ratio Lower Upper

63 100

65 32.7 24.0 36.0



#46

Dibromomethane

Concen: 49.115 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022946.D

Acq: 07 Jul 2025 09:08

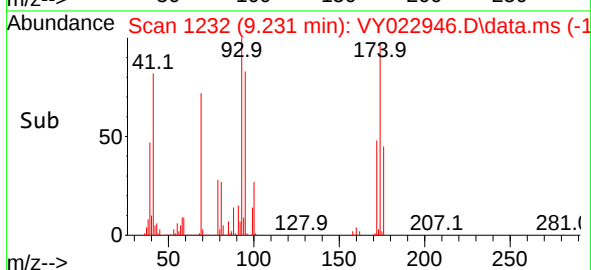
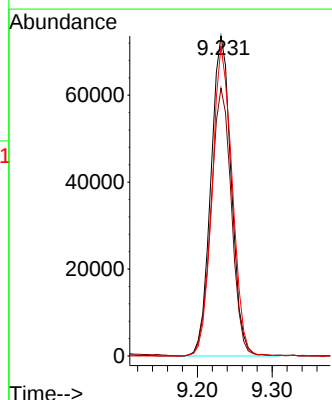
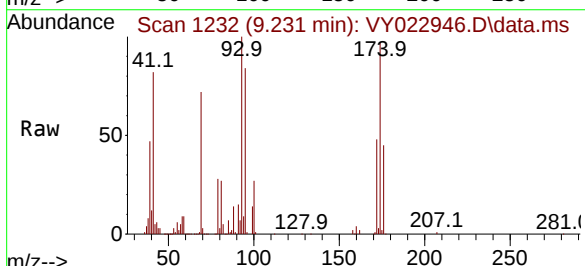
Tgt Ion: 93 Resp: 139472

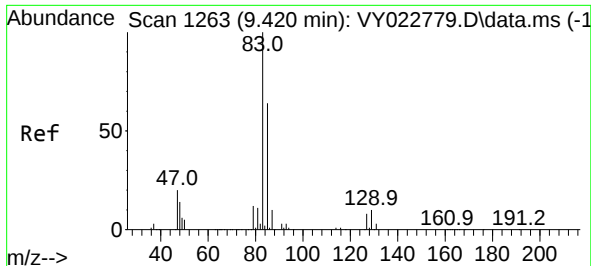
Ion Ratio Lower Upper

93 100

95 84.1 65.6 98.4

174 95.4 70.4 105.6

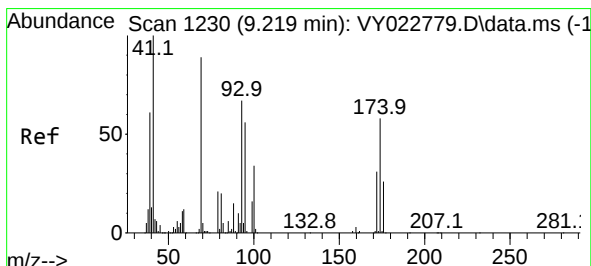
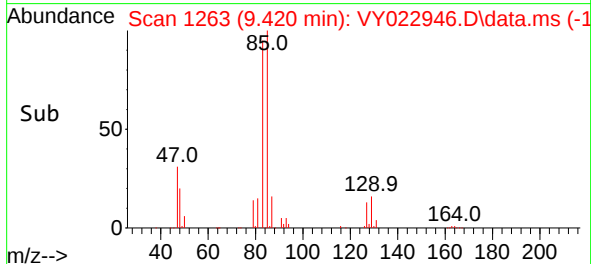
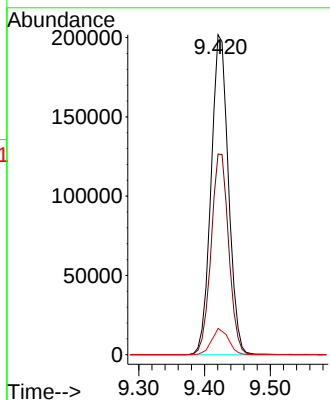
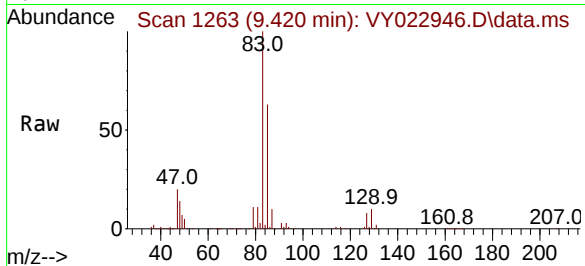




#47
Bromodichloromethane
Concen: 50.614 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

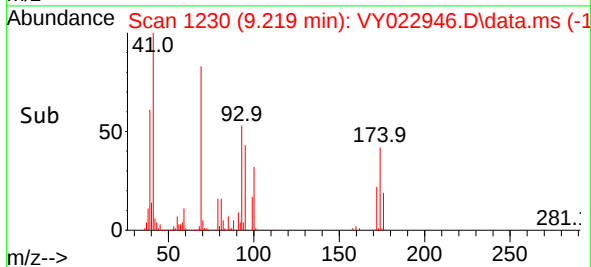
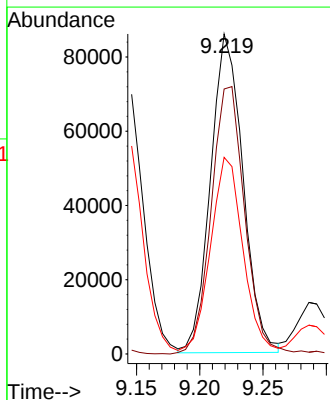
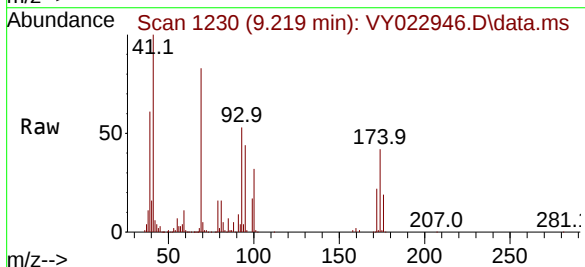
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

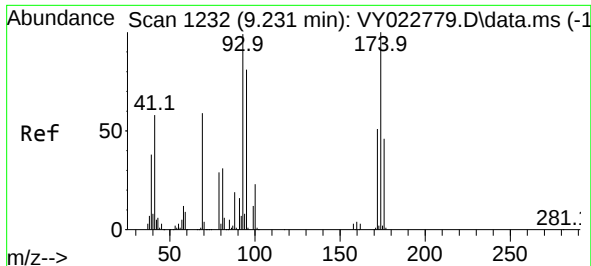
Tgt Ion: 83 Resp: 370630
Ion Ratio Lower Upper
83 100
85 62.7 49.1 73.7
127 8.2 6.2 9.4



#48
Methyl methacrylate
Concen: 51.089 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

Tgt Ion: 41 Resp: 153125
Ion Ratio Lower Upper
41 100
69 86.9 67.8 101.8
39 59.9 55.0 82.4





#49

1,4-Dioxane

Concen: 934.941 ug/l

RT: 9.244 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022946.D

Acq: 07 Jul 2025 09:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

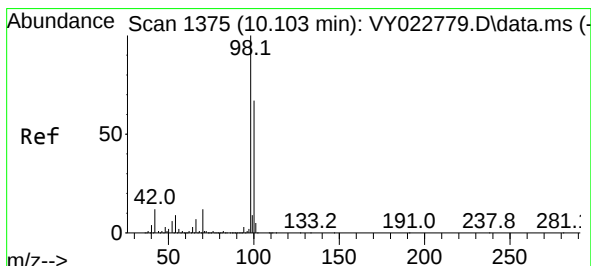
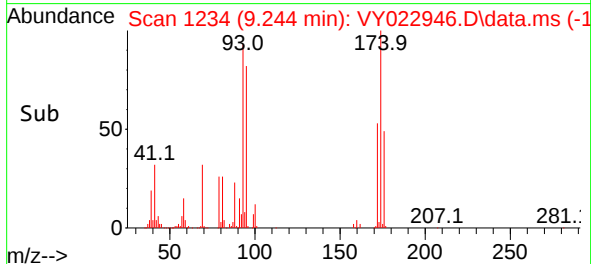
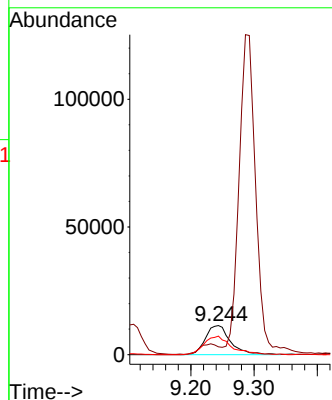
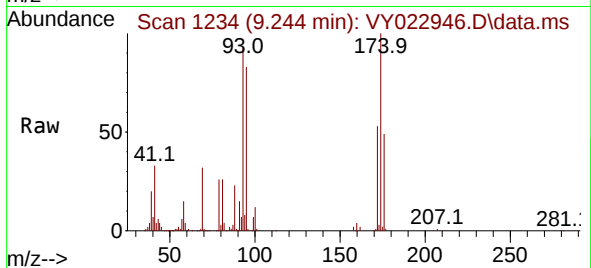
Tgt Ion: 88 Resp: 31367

Ion Ratio Lower Upper

88 100

43 29.4 25.4 38.2

58 69.5 54.9 82.3



#50

Toluene-d8

Concen: 50.139 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022946.D

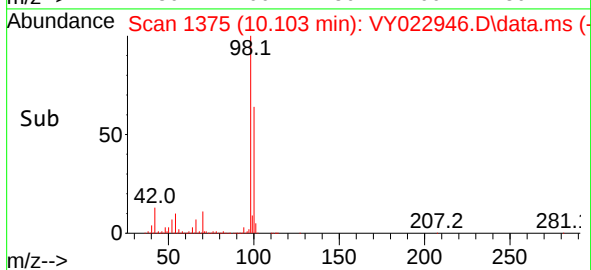
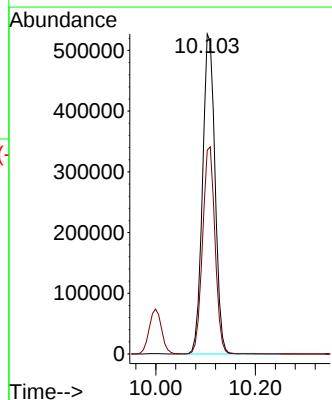
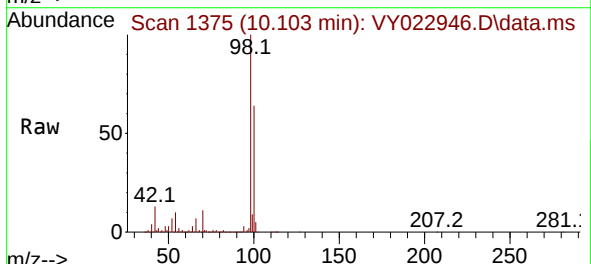
Acq: 07 Jul 2025 09:08

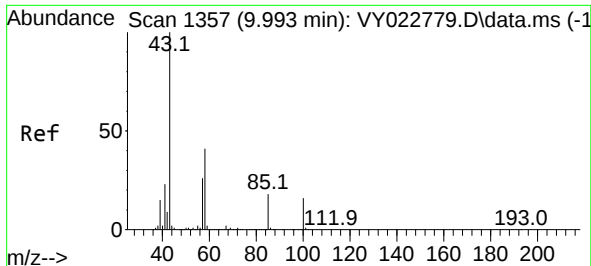
Tgt Ion: 98 Resp: 912489

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.0

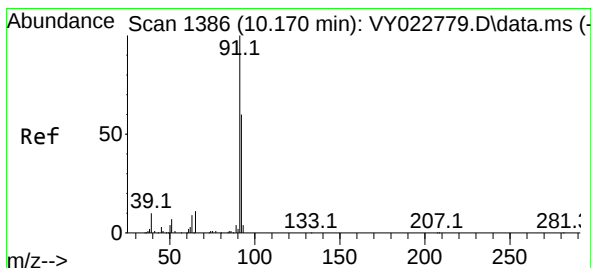
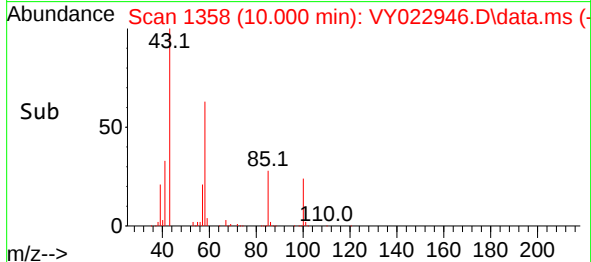
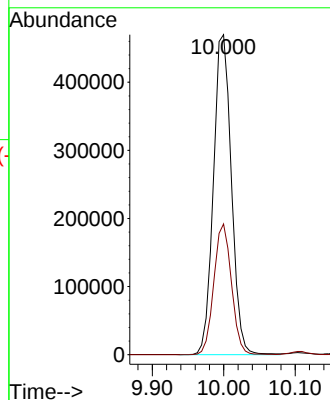
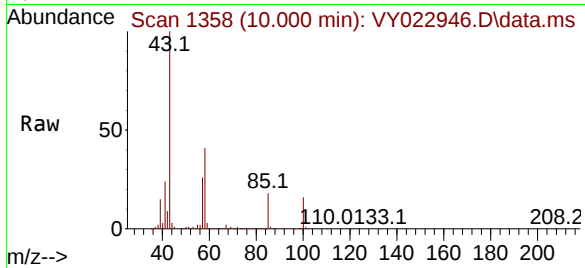




#51
4-Methyl-2-Pentanone
Concen: 258.572 ug/l
RT: 10.000 min Scan# 1357
Delta R.T. 0.000 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

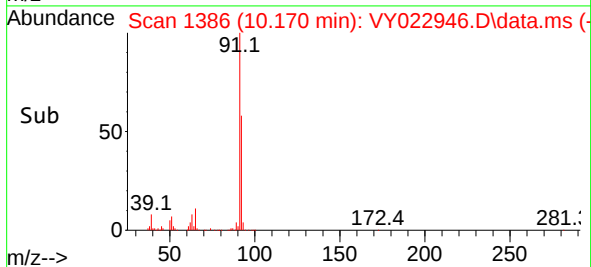
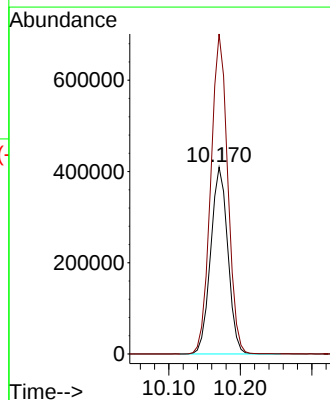
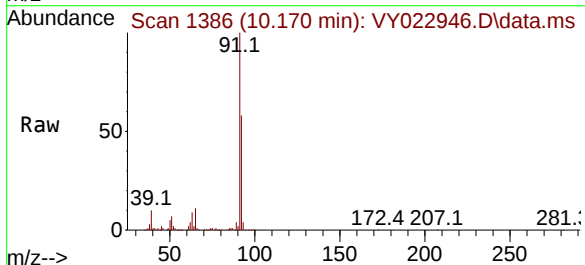
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

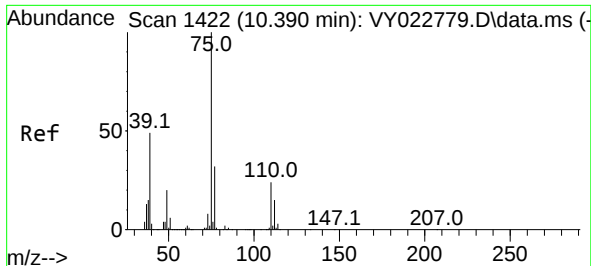
Tgt Ion: 43 Resp: 819239
Ion Ratio Lower Upper
43 100
58 40.0 30.4 45.6



#52
Toluene
Concen: 50.552 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

Tgt Ion: 92 Resp: 681645
Ion Ratio Lower Upper
92 100
91 170.0 139.0 208.4

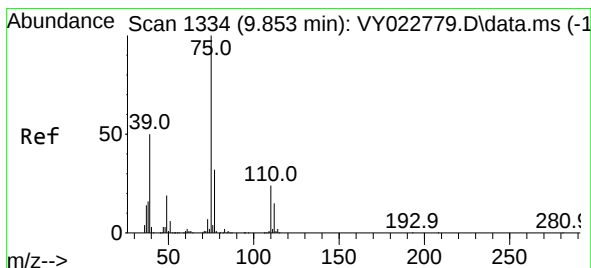
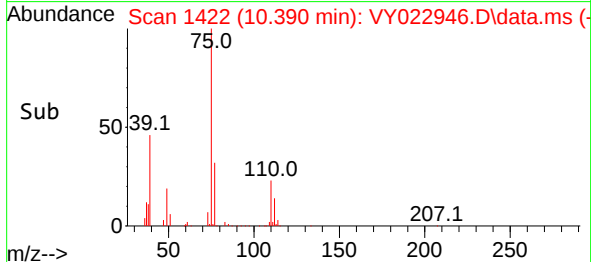
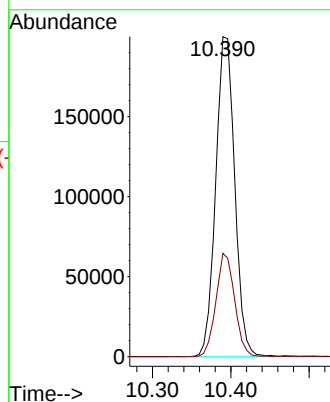
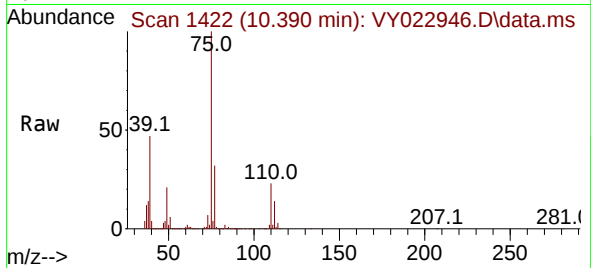




#53
t-1,3-Dichloropropene
Concen: 51.283 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. -0.006 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

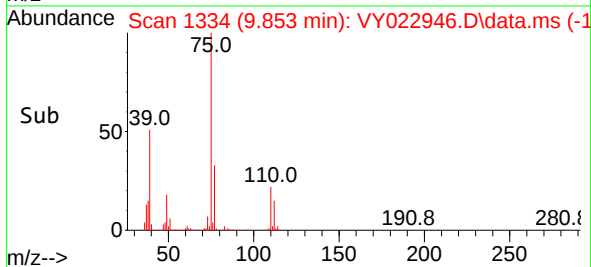
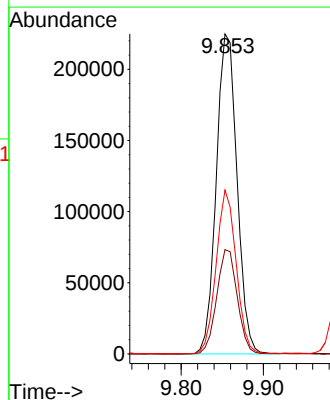
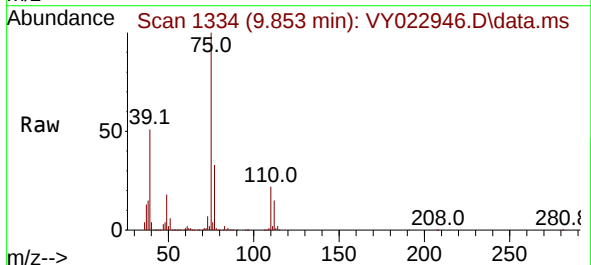
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

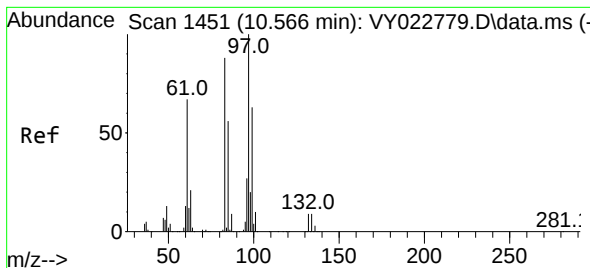
Tgt Ion: 75 Resp: 337875
Ion Ratio Lower Upper
75 100
77 32.3 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 51.693 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

Tgt Ion: 75 Resp: 394892
Ion Ratio Lower Upper
75 100
77 32.6 25.3 37.9
39 51.1 42.7 64.1





#55

1,1,2-Trichloroethane

Concen: 50.503 ug/l

RT: 10.573 min Scan# 1451

Delta R.T. 0.000 min

Lab File: VY022946.D

Acq: 07 Jul 2025 09:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 185703

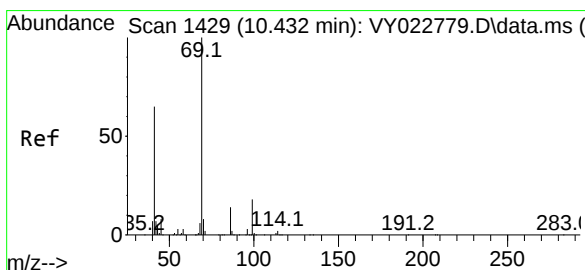
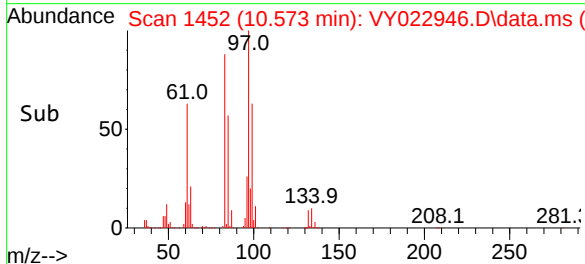
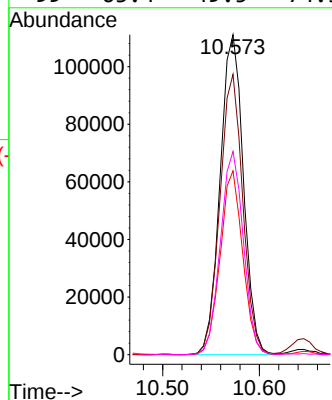
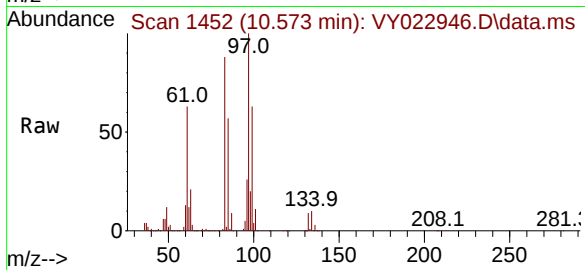
Ion Ratio Lower Upper

97 100

83 87.6 68.1 102.1

85 57.4 48.2 72.2

99 63.4 49.5 74.3



#56

Ethyl methacrylate

Concen: 50.936 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY022946.D

Acq: 07 Jul 2025 09:08

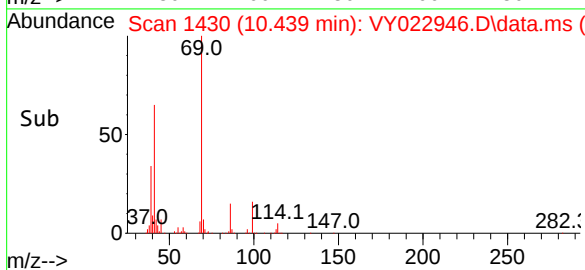
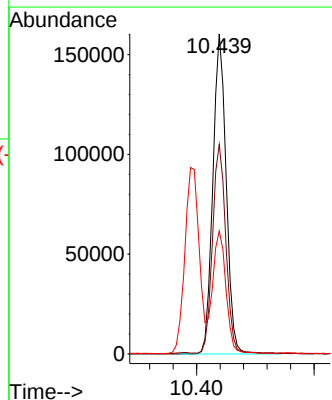
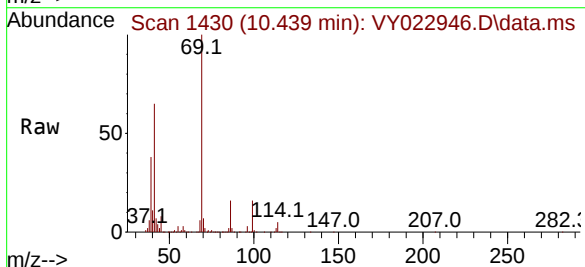
Tgt Ion: 69 Resp: 251987

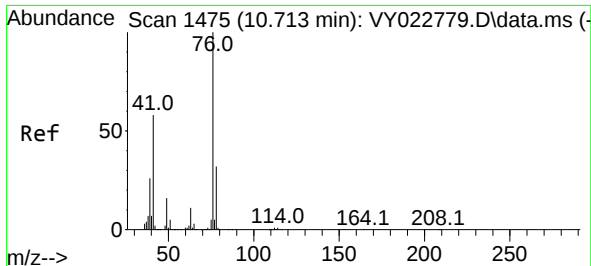
Ion Ratio Lower Upper

69 100

41 64.9 52.2 78.2

39 39.0 36.7 55.1





#57

1,3-Dichloropropane

Concen: 50.446 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY022946.D

Acq: 07 Jul 2025 09:08

Instrument :

MSVOA_Y

ClientSampleId :

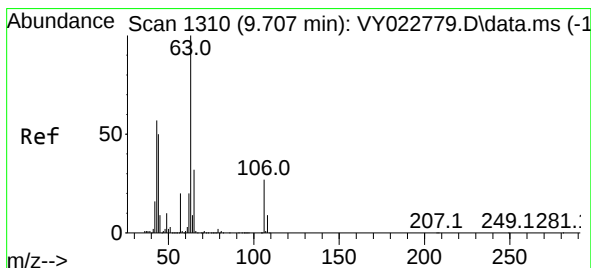
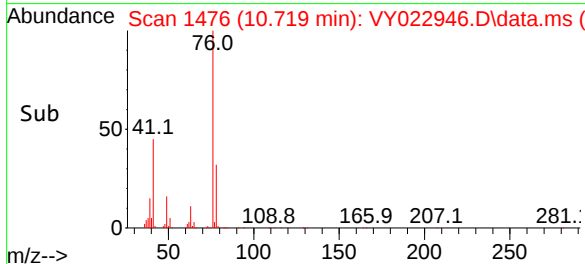
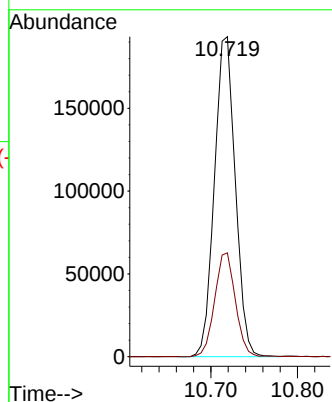
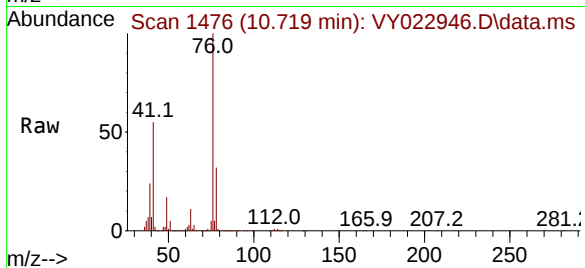
VSTDCCC050

Tgt Ion: 76 Resp: 323632

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 254.251 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY022946.D

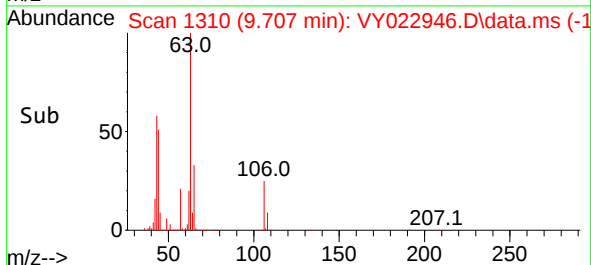
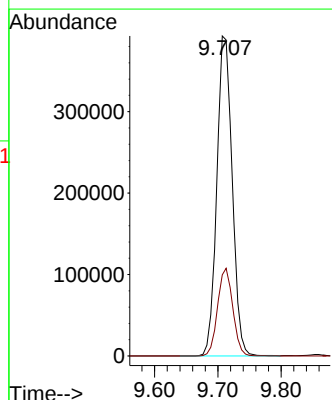
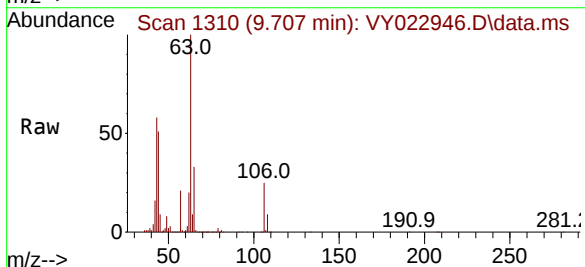
Acq: 07 Jul 2025 09:08

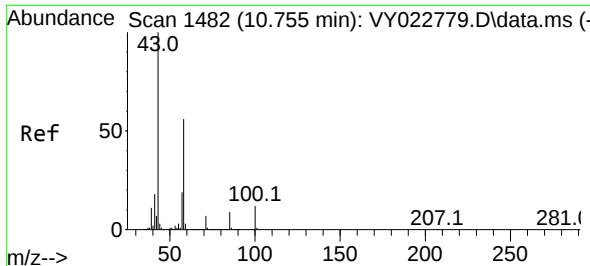
Tgt Ion: 63 Resp: 661824

Ion Ratio Lower Upper

63 100

106 27.0 21.6 32.4

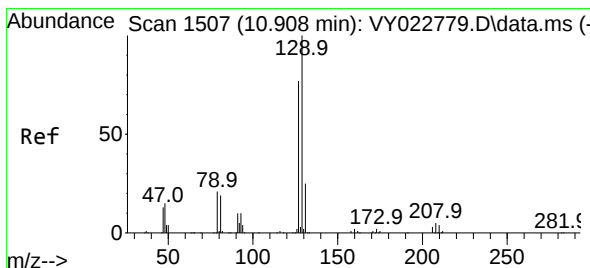
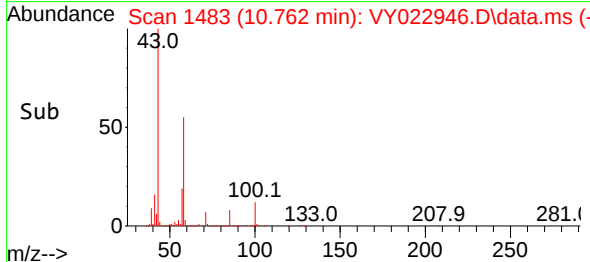
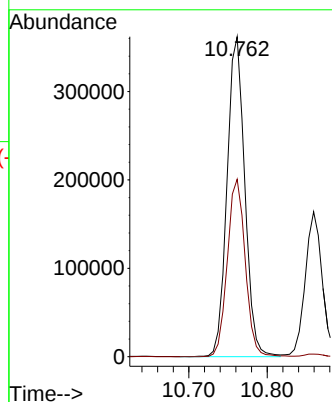
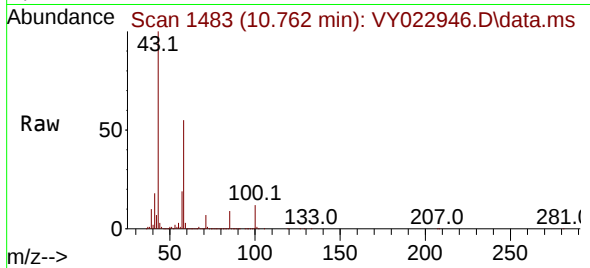




#59
2-Hexanone
Concen: 264.491 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

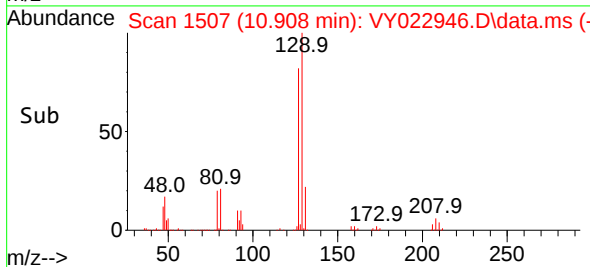
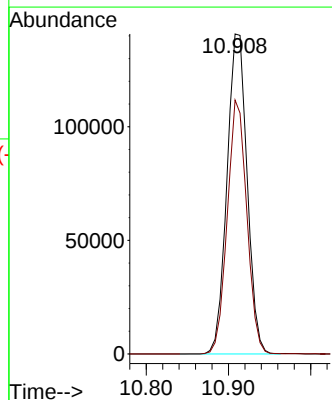
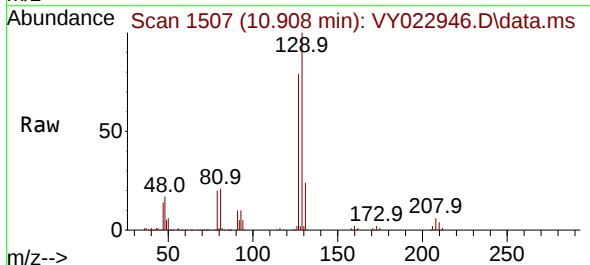
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

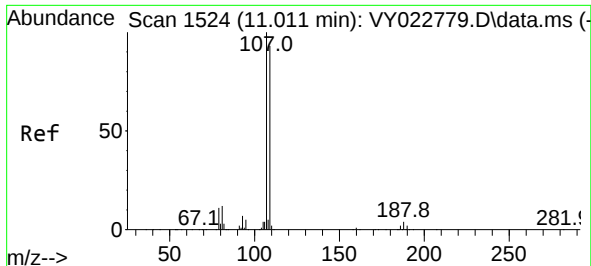
Tgt Ion: 43 Resp: 569731
Ion Ratio Lower Upper
43 100
58 56.0 27.3 81.8



#60
Dibromochloromethane
Concen: 50.629 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

Tgt Ion: 129 Resp: 240465
Ion Ratio Lower Upper
129 100
127 76.9 39.1 117.2

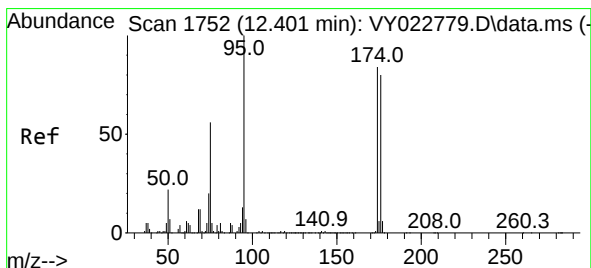
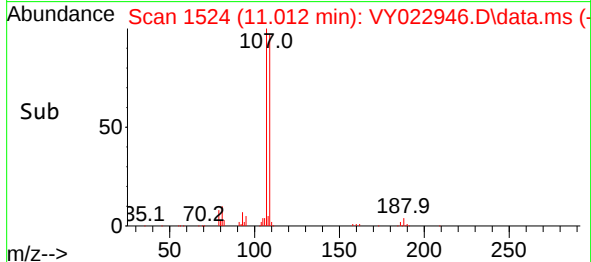
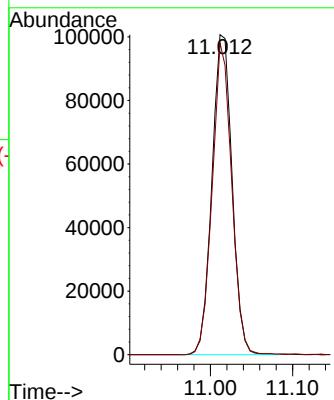
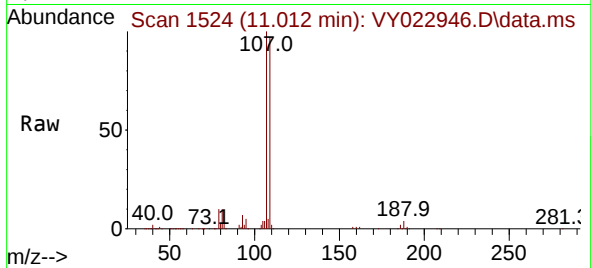




#61
1,2-Dibromoethane
Concen: 49.744 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

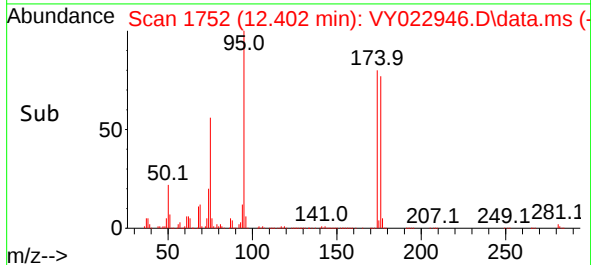
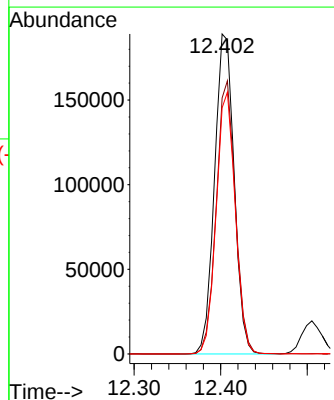
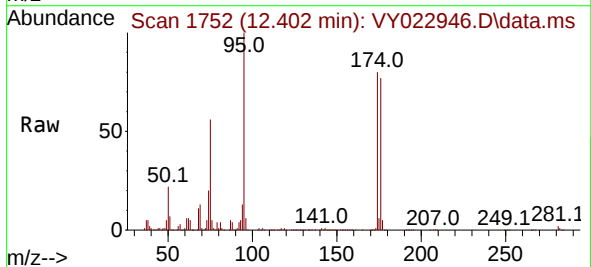
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

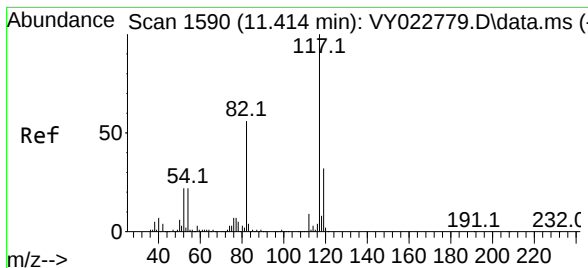
Tgt Ion:107 Resp: 171163
Ion Ratio Lower Upper
107 100
109 94.1 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 50.848 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

Tgt Ion: 95 Resp: 297486
Ion Ratio Lower Upper
95 100
174 83.1 0.0 170.0
176 79.5 0.0 166.2

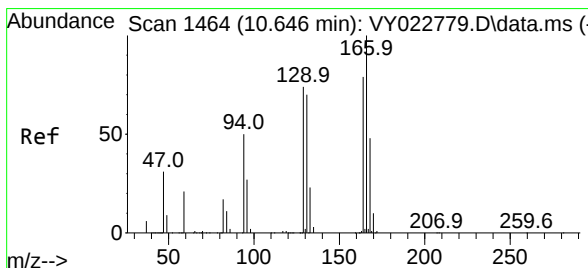
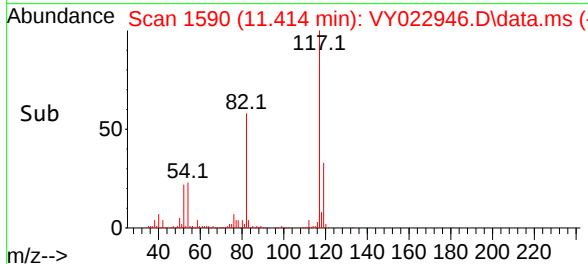
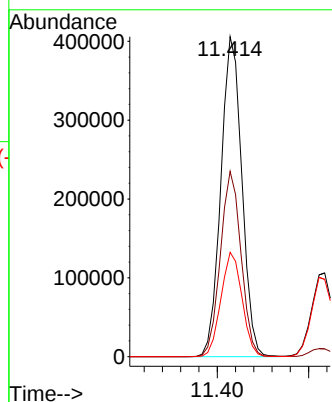
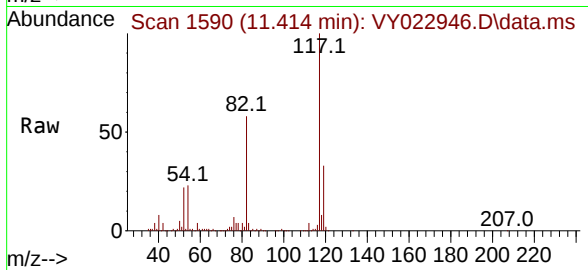




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

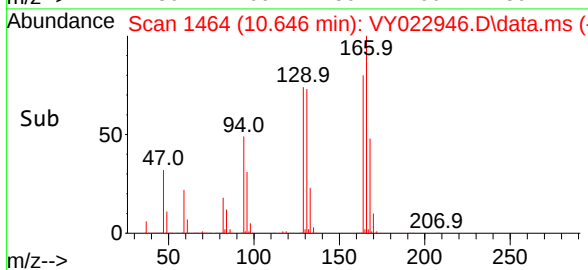
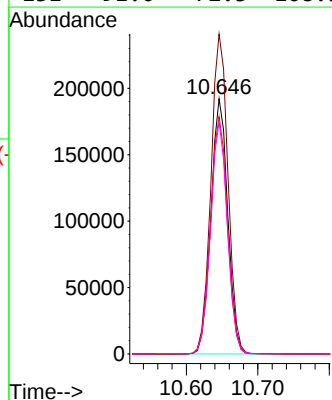
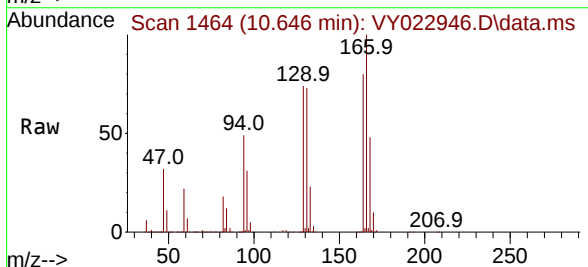
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

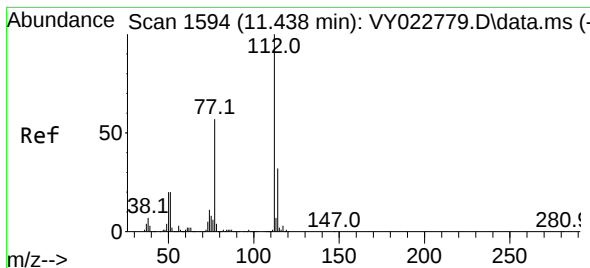
Tgt Ion:117 Resp: 648632
Ion Ratio Lower Upper
117 100
82 57.9 44.6 66.8
119 32.6 25.4 38.0



#64
Tetrachloroethene
Concen: 51.140 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

Tgt Ion:164 Resp: 313364
Ion Ratio Lower Upper
164 100
166 125.4 104.0 156.0
129 93.0 74.5 111.7
131 91.0 72.3 108.5

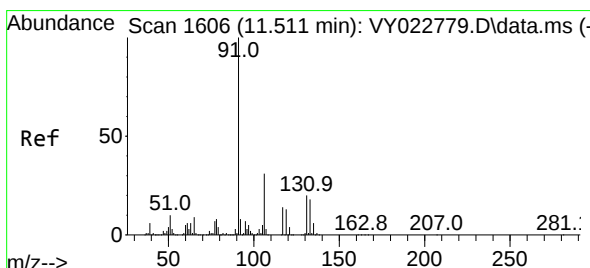
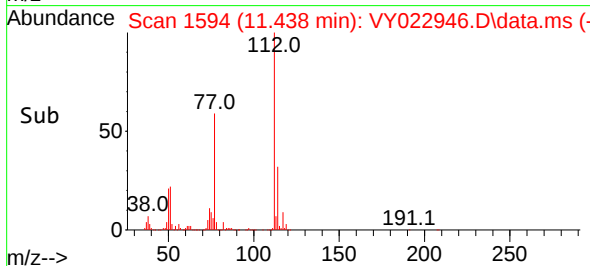
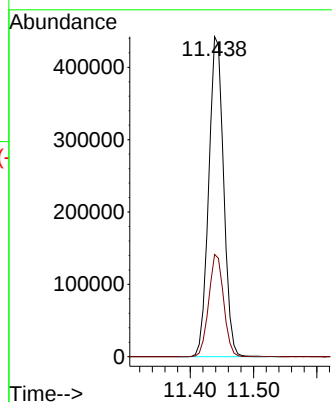
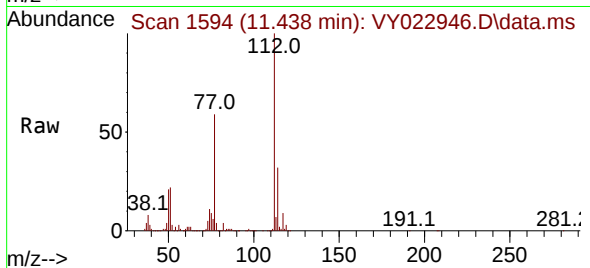




#65
Chlorobenzene
Concen: 50.815 ug/l
RT: 11.438 min Scan# 111
Delta R.T. -0.006 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

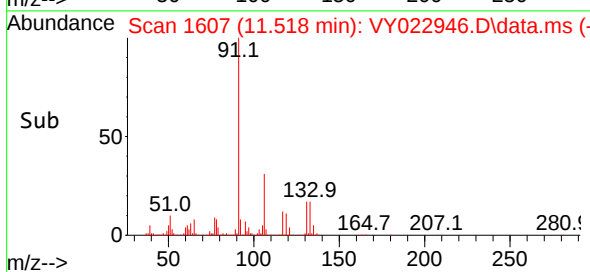
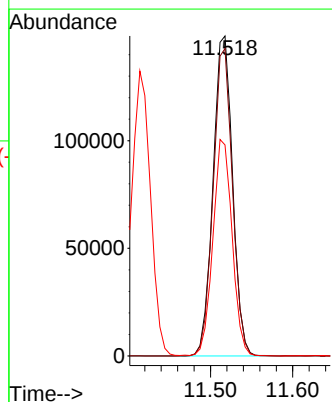
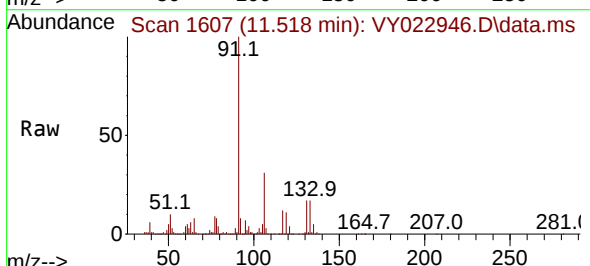
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

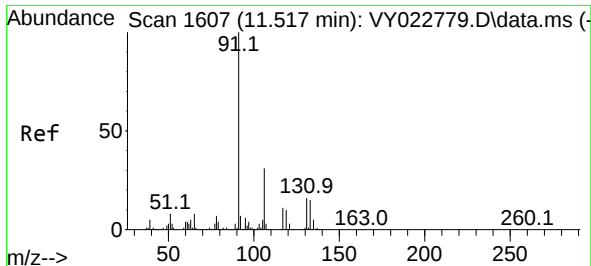
Tgt Ion:112 Resp: 724240
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.822 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

Tgt Ion:131 Resp: 245337
Ion Ratio Lower Upper
131 100
133 94.8 47.3 141.8
119 66.6 33.1 99.3

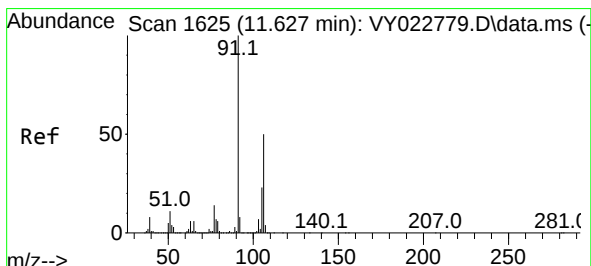
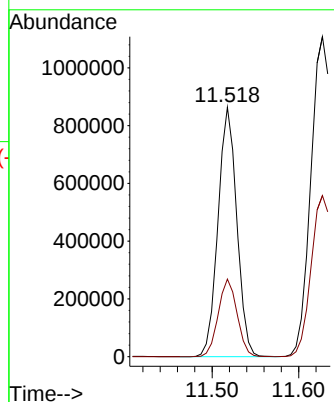
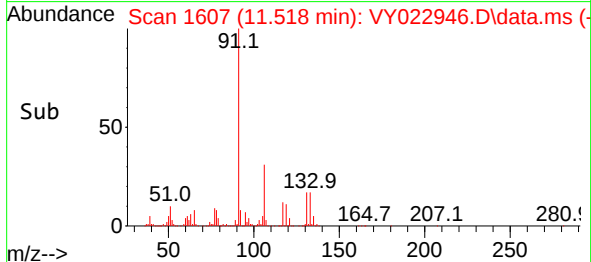
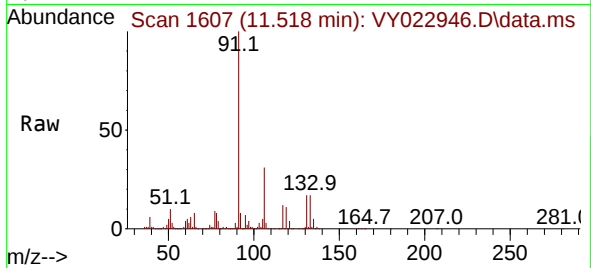




#67
Ethyl Benzene
Concen: 51.930 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

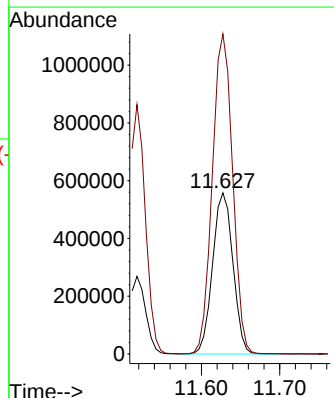
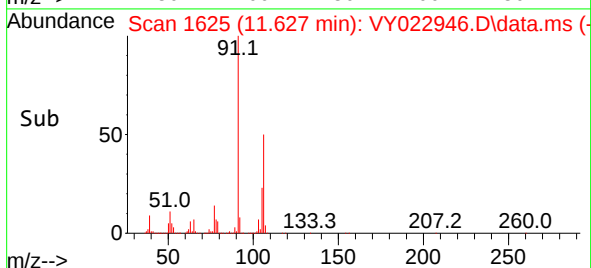
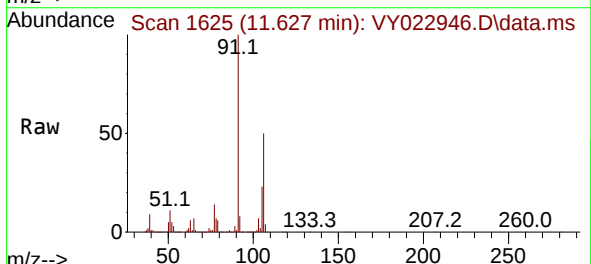
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

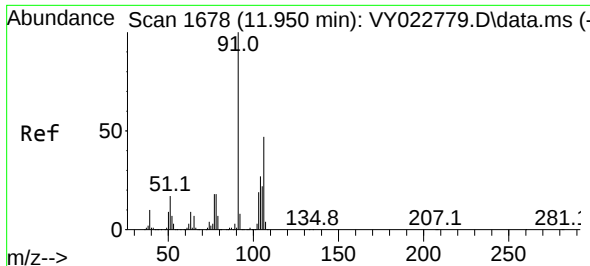
Tgt Ion: 91 Resp: 1300418
Ion Ratio Lower Upper
91 100
106 31.1 24.2 36.4



#68
m/p-Xylenes
Concen: 103.817 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

Tgt Ion: 106 Resp: 1004963
Ion Ratio Lower Upper
106 100
91 198.5 159.4 239.0

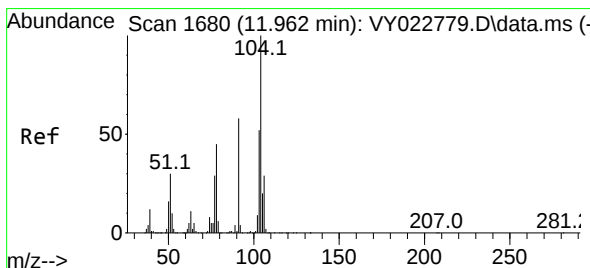
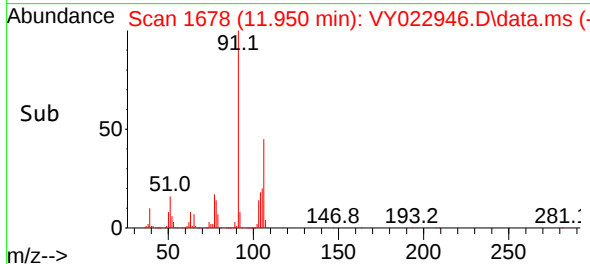
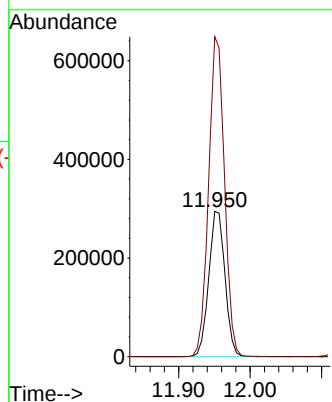
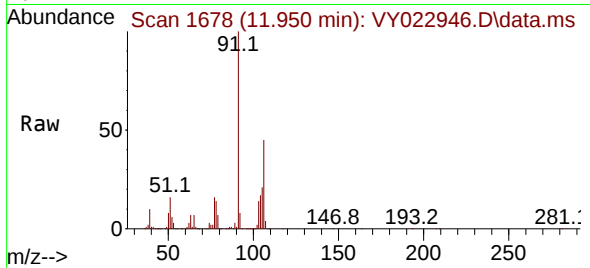




#69
o-Xylene
Concen: 50.821 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

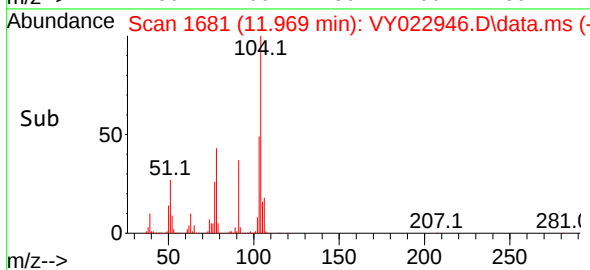
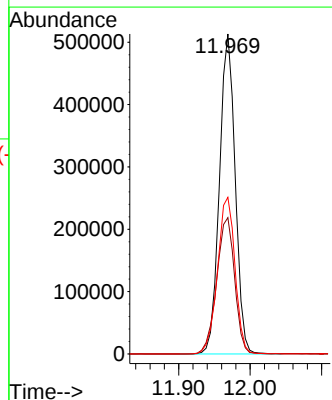
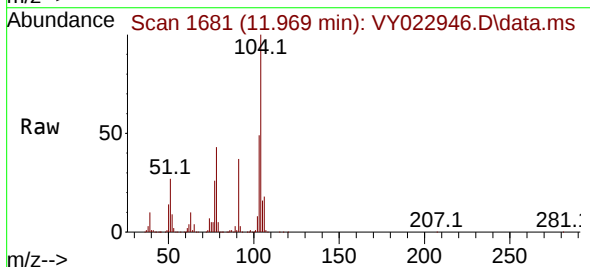
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

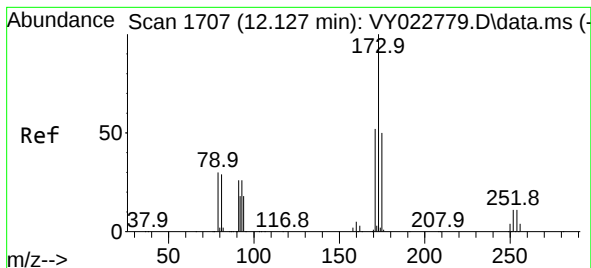
Tgt Ion:106 Resp: 463547
Ion Ratio Lower Upper
106 100
91 215.8 105.8 317.3



#70
Styrene
Concen: 51.416 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

Tgt Ion:104 Resp: 785558
Ion Ratio Lower Upper
104 100
78 48.6 39.5 59.3
103 54.6 44.1 66.1





#71

Bromoform

Concen: 49.704 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022946.D

Acq: 07 Jul 2025 09:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

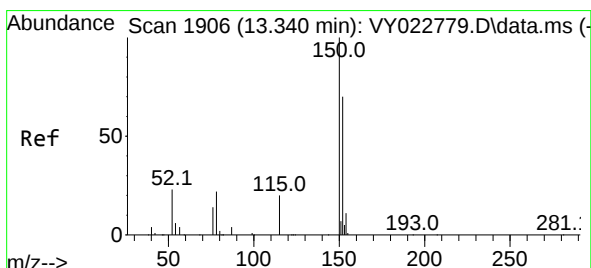
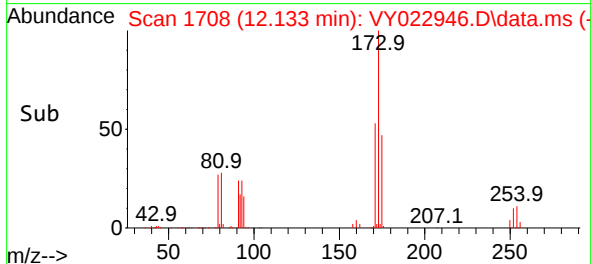
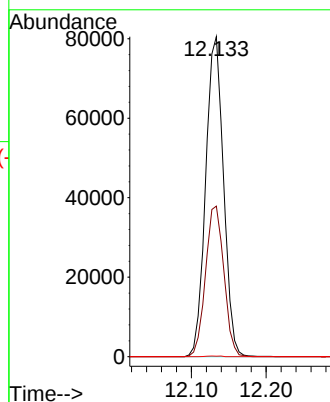
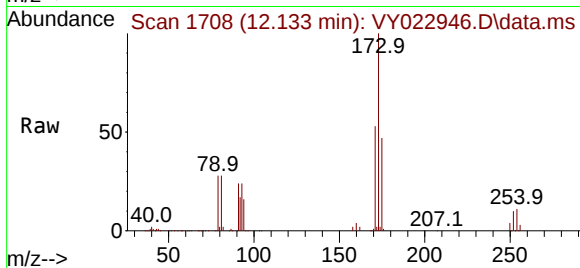
Tgt Ion:173 Resp: 133601

Ion Ratio Lower Upper

173 100

175 48.3 23.8 71.5

254 0.2 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022946.D

Acq: 07 Jul 2025 09:08

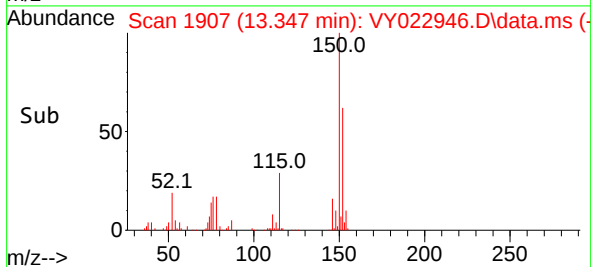
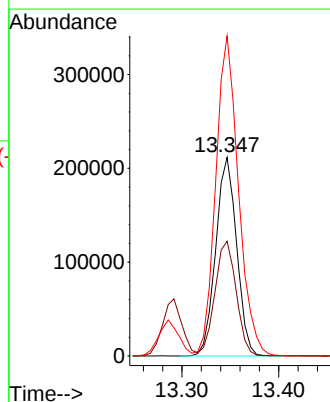
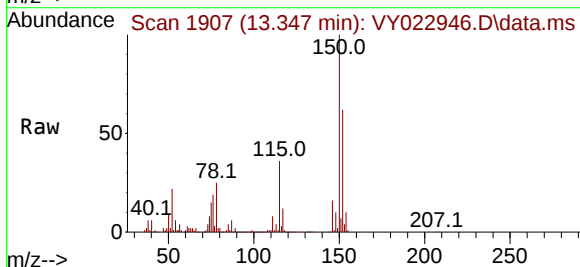
Tgt Ion:152 Resp: 317038

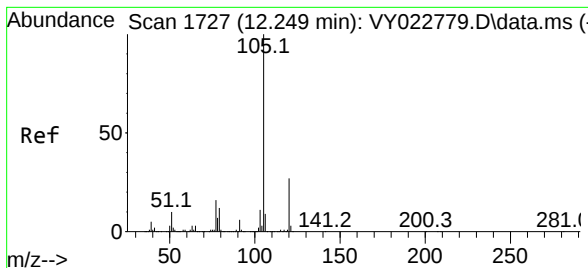
Ion Ratio Lower Upper

152 100

115 58.7 28.9 86.7

150 175.4 0.0 349.6





#73

Isopropylbenzene

Concen: 52.248 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022946.D

Acq: 07 Jul 2025 09:08

Instrument :

MSVOA_Y

ClientSampleId :

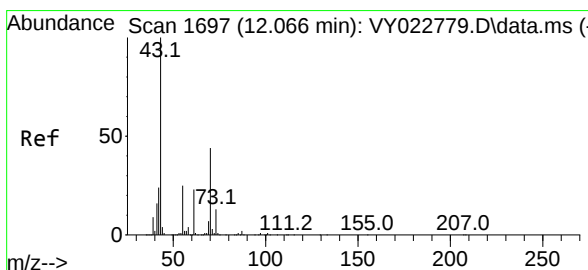
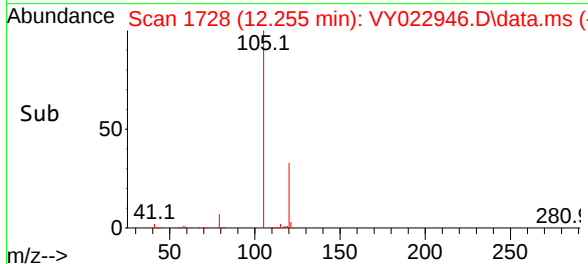
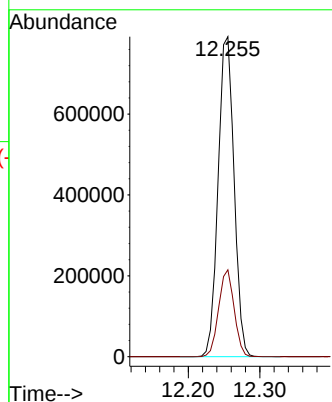
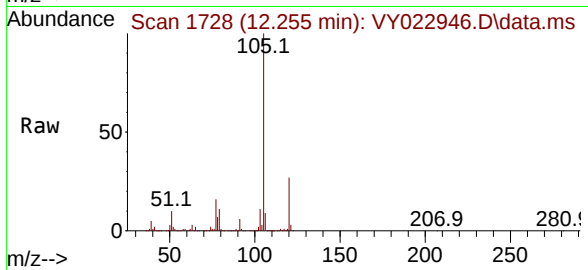
VSTDCCC050

Tgt Ion:105 Resp: 1225056

Ion Ratio Lower Upper

105 100

120 26.4 13.0 38.9



#74

N-ethyl acetate

Concen: 52.406 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VY022946.D

Acq: 07 Jul 2025 09:08

Tgt Ion: 43 Resp: 275812

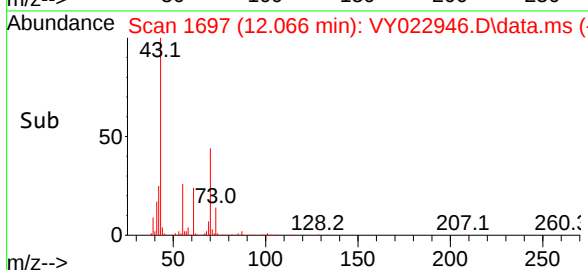
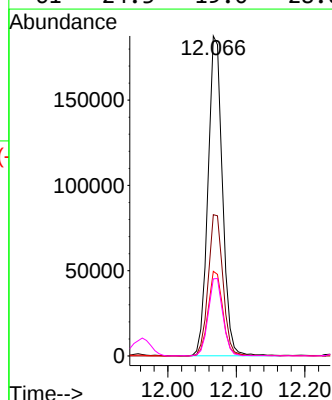
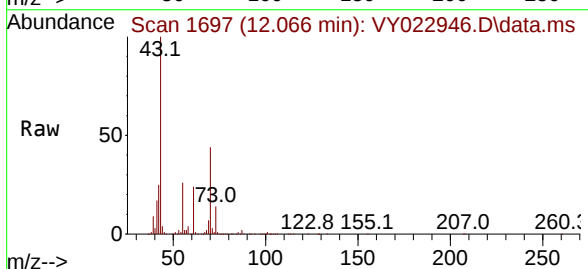
Ion Ratio Lower Upper

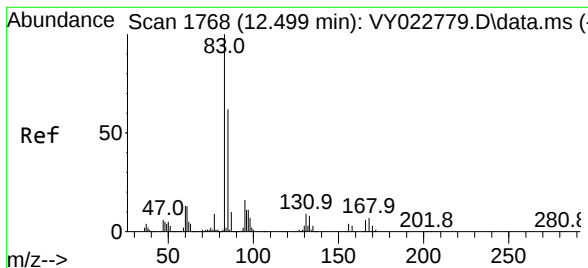
43 100

70 45.0 34.2 51.2

55 27.0 18.2 27.4

61 24.3 19.0 28.6

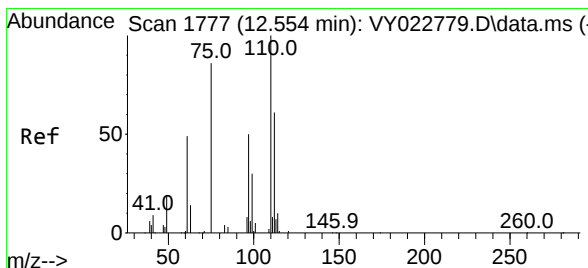
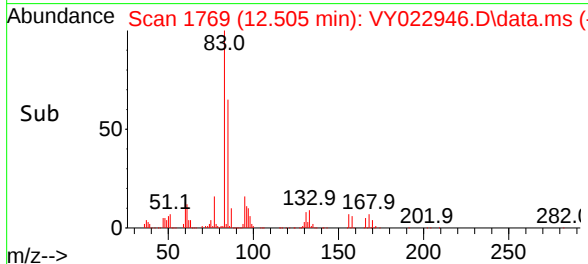
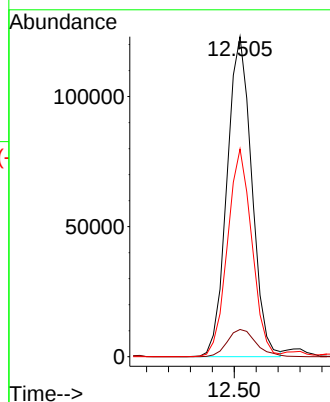
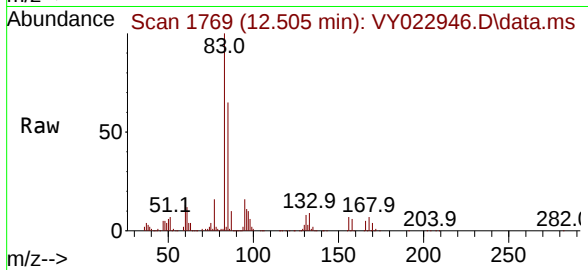




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.088 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY022946.D
 Acq: 07 Jul 2025 09:08

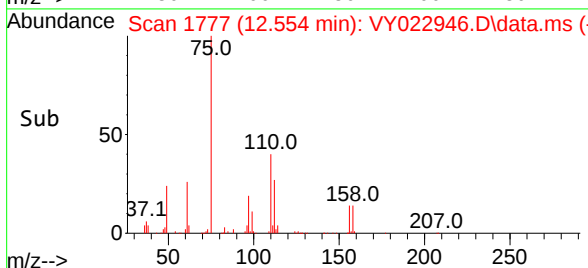
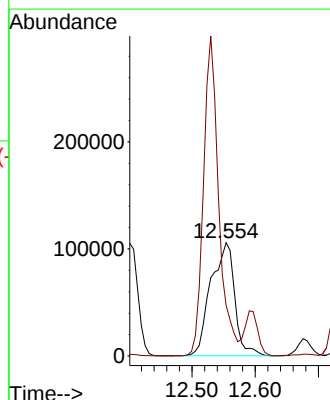
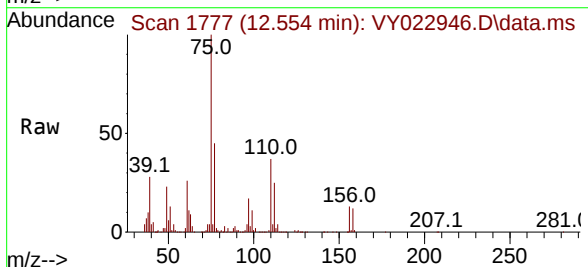
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

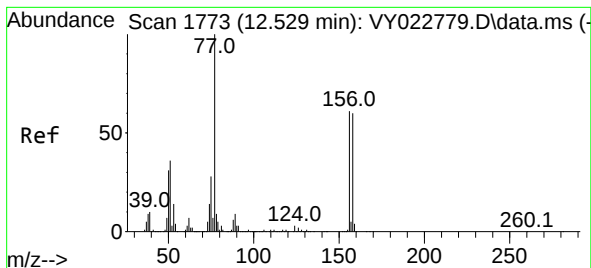
Tgt Ion: 83 Resp: 193055
 Ion Ratio Lower Upper
 83 100
 131 9.8 4.9 14.7
 85 64.1 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 85.657 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY022946.D
 Acq: 07 Jul 2025 09:08

Tgt Ion: 75 Resp: 277244
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.787 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY022946.D

Acq: 07 Jul 2025 09:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

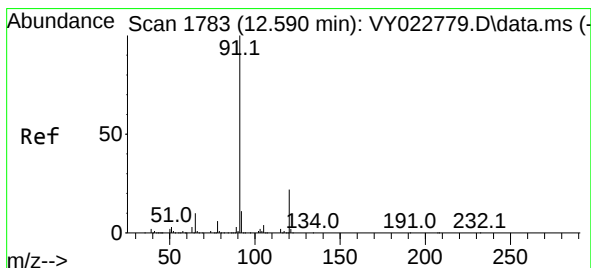
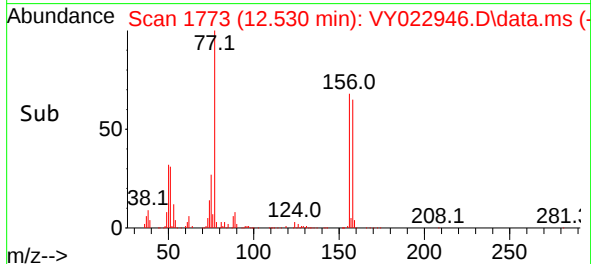
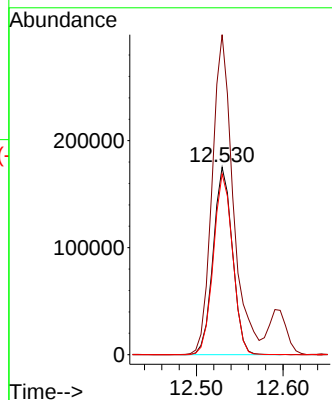
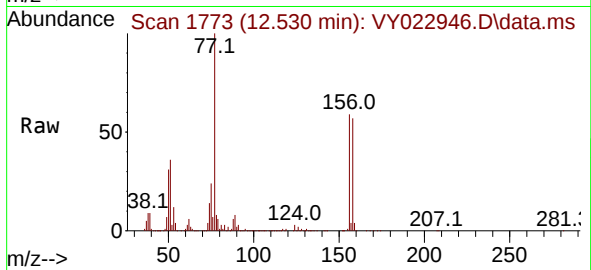
Tgt Ion:156 Resp: 269916

Ion Ratio Lower Upper

156 100

77 186.4 94.0 282.1

158 96.5 48.2 144.6



#78

n-propylbenzene

Concen: 53.318 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY022946.D

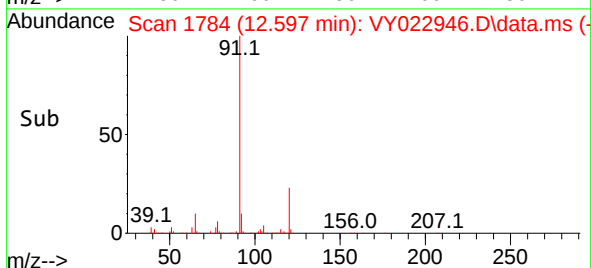
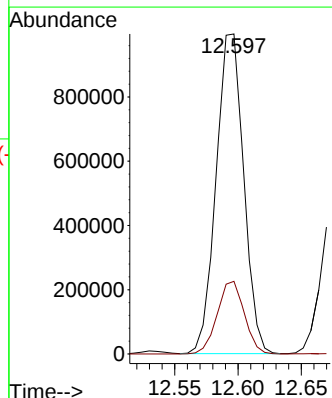
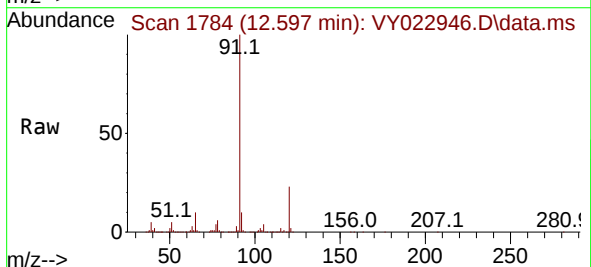
Acq: 07 Jul 2025 09:08

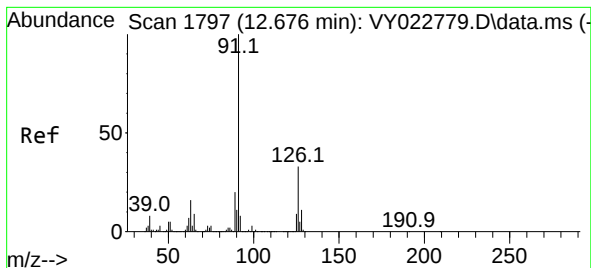
Tgt Ion: 91 Resp: 1509384

Ion Ratio Lower Upper

91 100

120 22.2 10.8 32.4

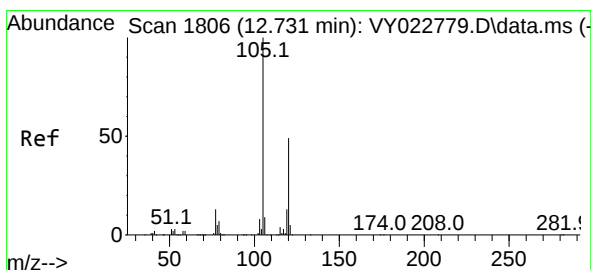
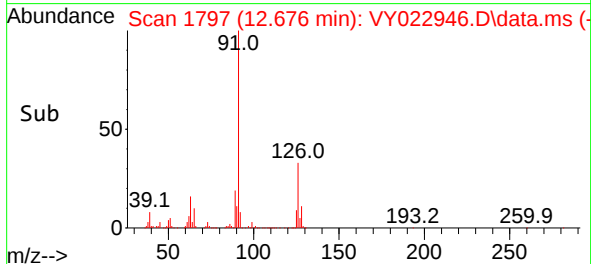
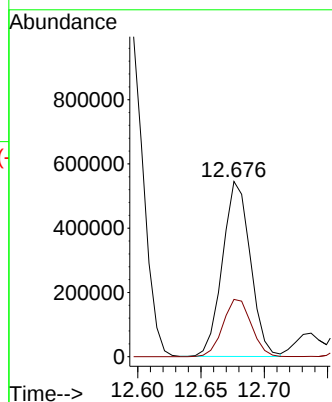
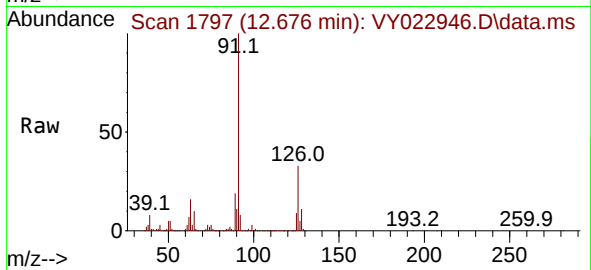




#79
2-Chlorotoluene
Concen: 52.230 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.006 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

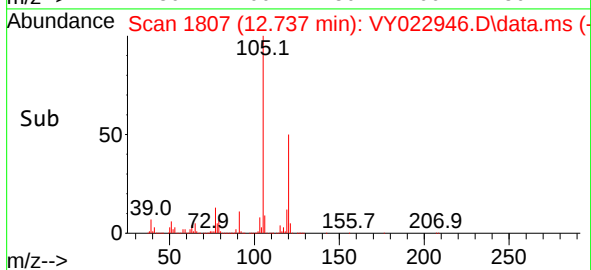
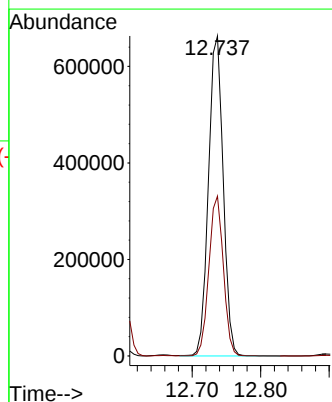
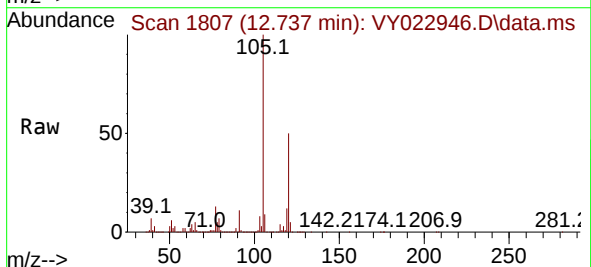
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

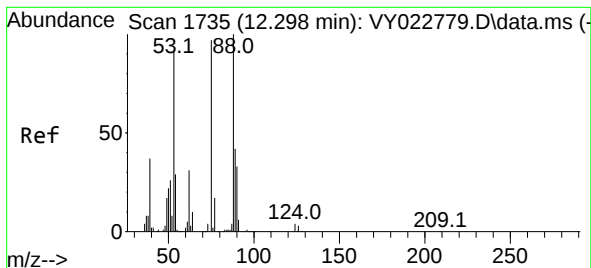
Tgt Ion: 91 Resp: 835369
Ion Ratio Lower Upper
91 100
126 33.4 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 52.322 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

Tgt Ion: 105 Resp: 990349
Ion Ratio Lower Upper
105 100
120 49.4 24.1 72.4

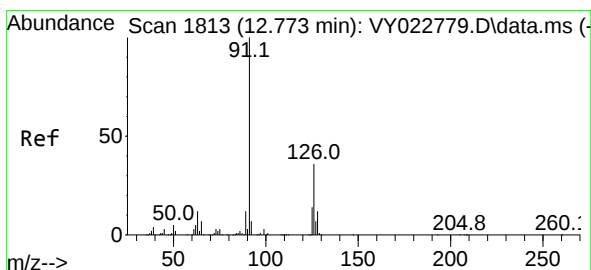
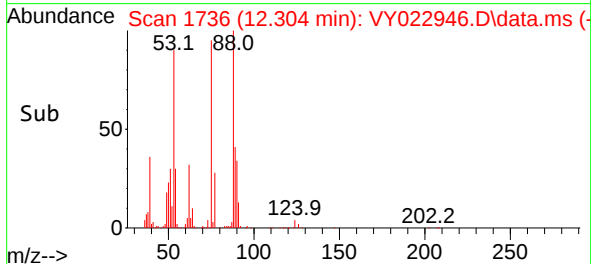
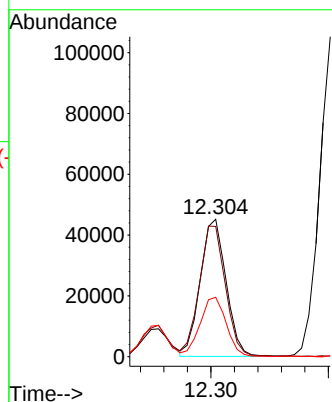
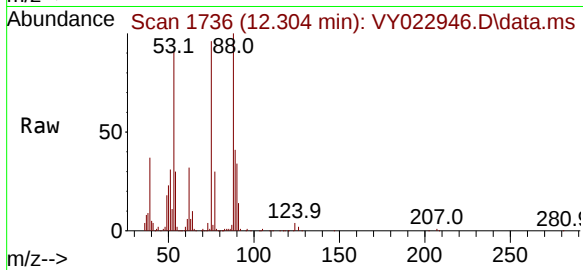




#81
trans-1,4-Dichloro-2-butene
Concen: 53.760 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

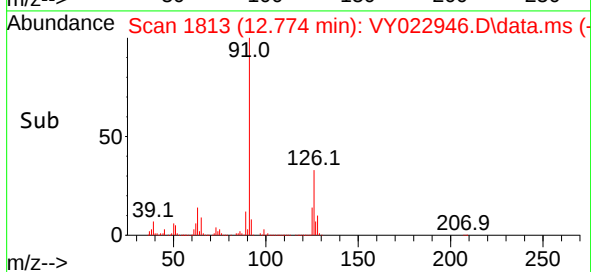
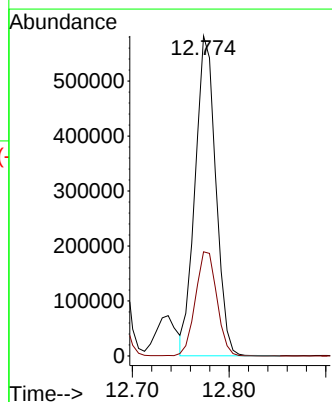
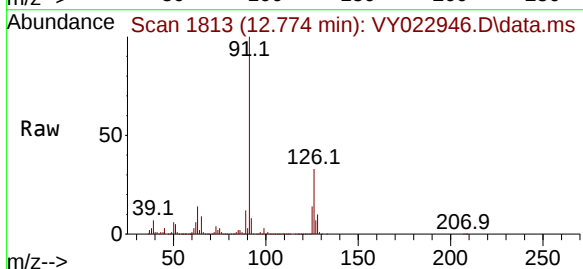
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

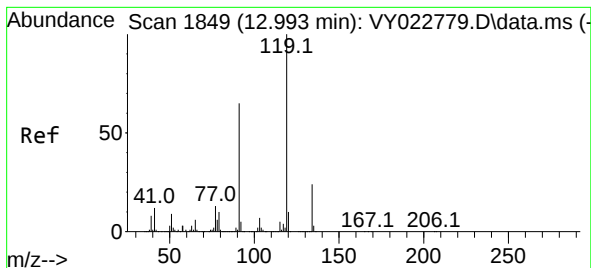
Tgt Ion: 75 Resp: 68875
Ion Ratio Lower Upper
75 100
53 96.1 78.5 117.7
89 43.8 35.7 53.5



#82
4-Chlorotoluene
Concen: 51.285 ug/l
RT: 12.774 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

Tgt Ion: 91 Resp: 861600
Ion Ratio Lower Upper
91 100
126 34.0 17.0 50.9





#83

tert-Butylbenzene

Concen: 53.349 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY022946.D

Acq: 07 Jul 2025 09:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

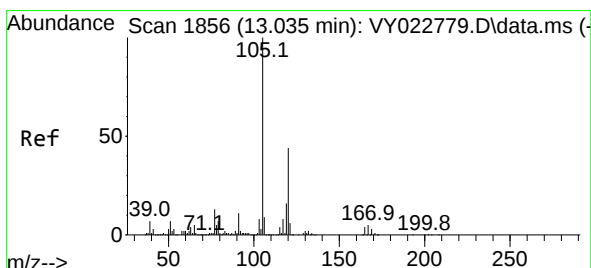
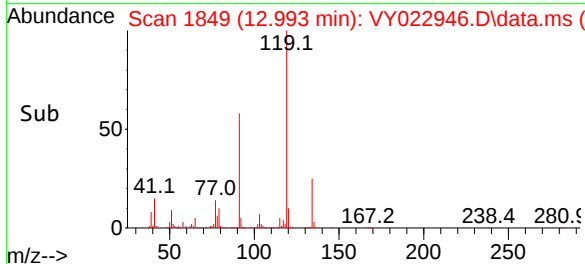
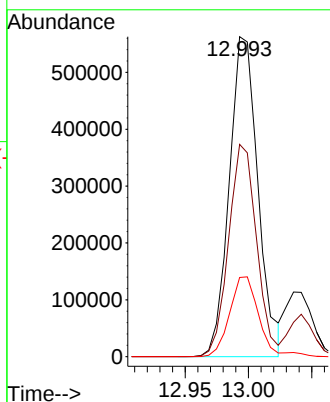
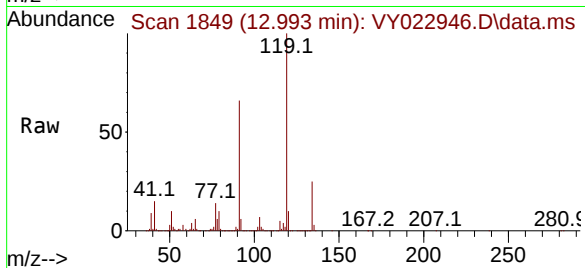
Tgt Ion:119 Resp: 890540

Ion Ratio Lower Upper

119 100

91 64.6 32.1 96.3

134 25.5 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 52.256 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY022946.D

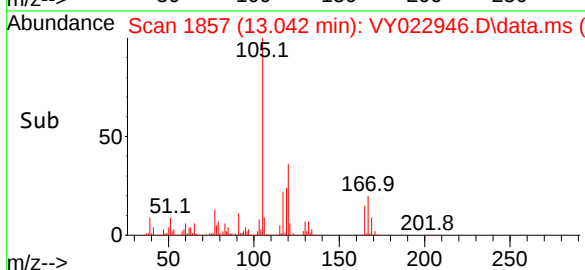
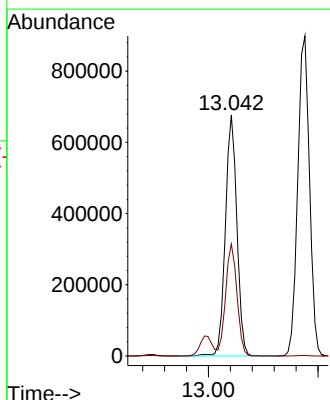
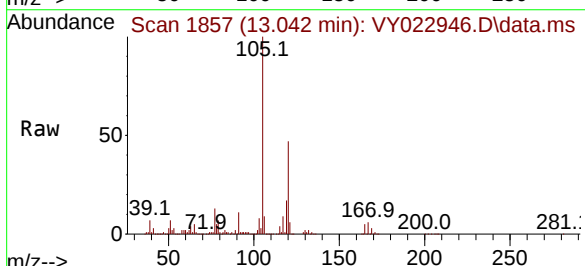
Acq: 07 Jul 2025 09:08

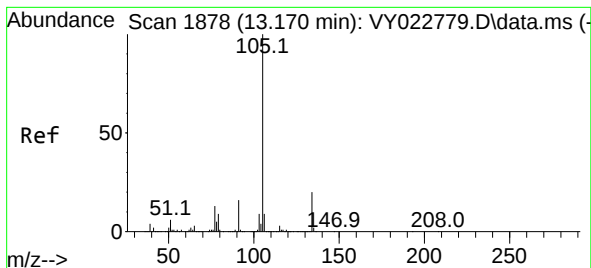
Tgt Ion:105 Resp: 990271

Ion Ratio Lower Upper

105 100

120 45.5 22.7 68.1





#85

sec-Butylbenzene

Concen: 52.876 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY022946.D

Acq: 07 Jul 2025 09:08

Instrument :

MSVOA_Y

ClientSampleId :

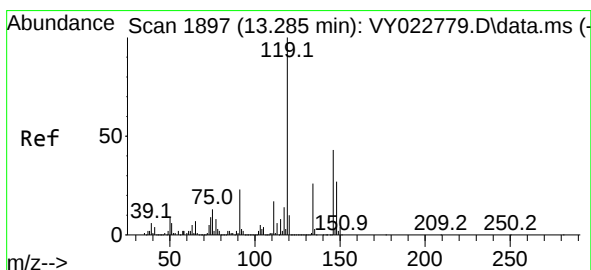
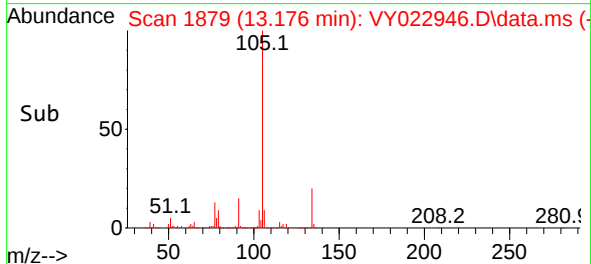
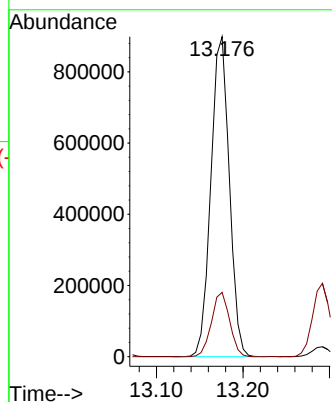
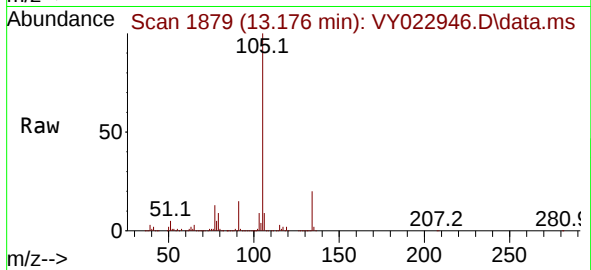
VSTDCCC050

Tgt Ion:105 Resp: 1328043

Ion Ratio Lower Upper

105 100

134 19.9 9.7 28.9



#86

p-Isopropyltoluene

Concen: 53.394 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY022946.D

Acq: 07 Jul 2025 09:08

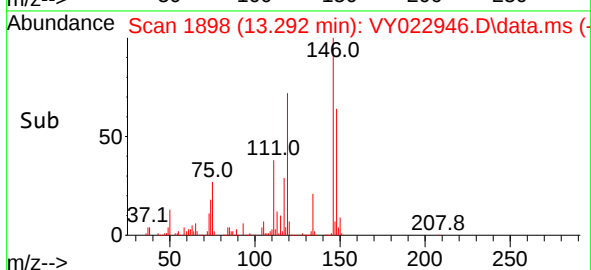
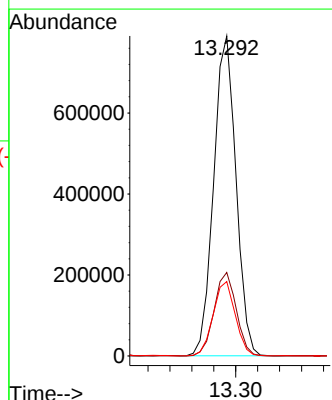
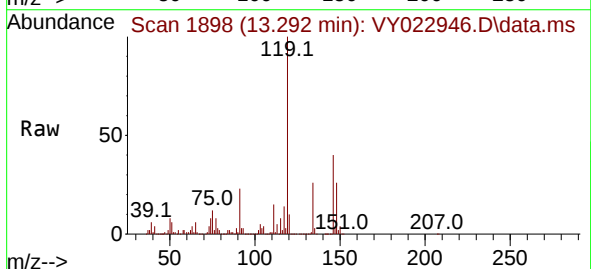
Tgt Ion:119 Resp: 1115979

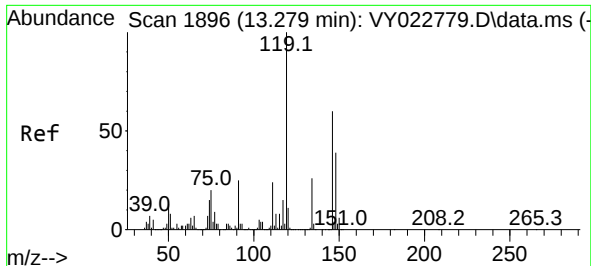
Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.1

91 23.1 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 51.349 ug/l

RT: 13.286 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022946.D

Acq: 07 Jul 2025 09:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

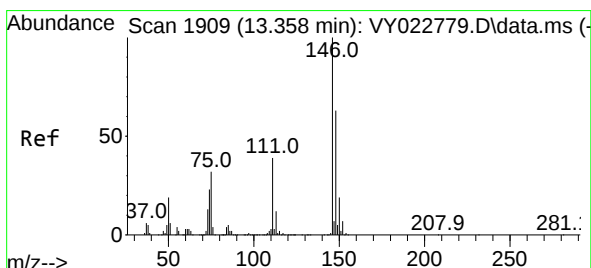
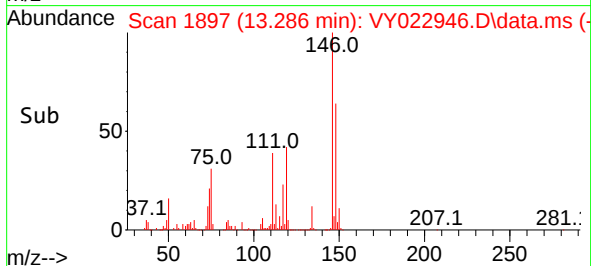
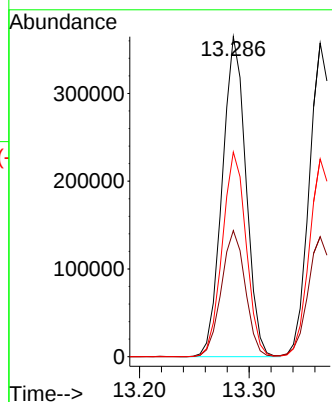
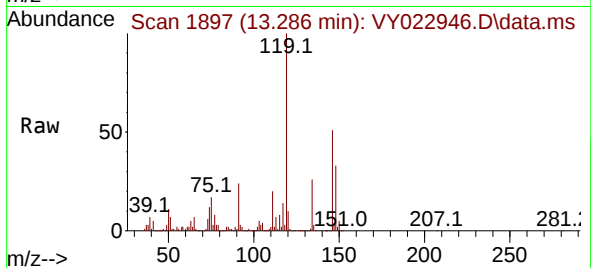
Tgt Ion:146 Resp: 548086

Ion Ratio Lower Upper

146 100

111 39.7 20.1 60.2

148 64.2 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 50.557 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022946.D

Acq: 07 Jul 2025 09:08

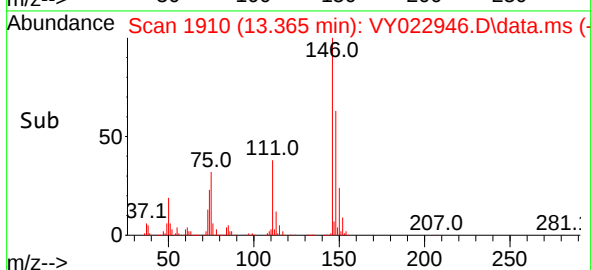
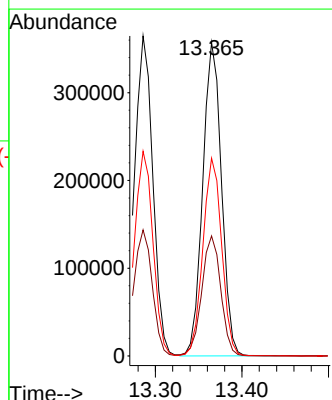
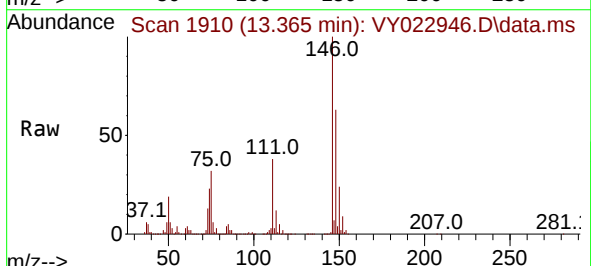
Tgt Ion:146 Resp: 536033

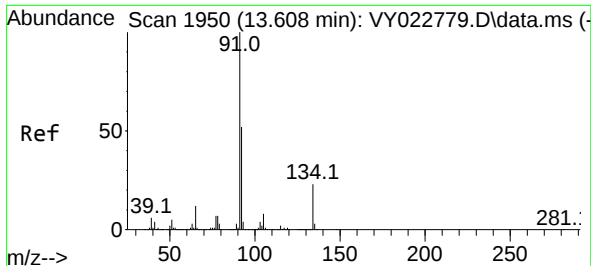
Ion Ratio Lower Upper

146 100

111 38.9 19.4 58.2

148 63.5 31.6 94.8

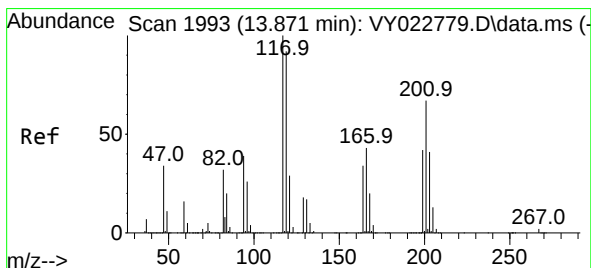
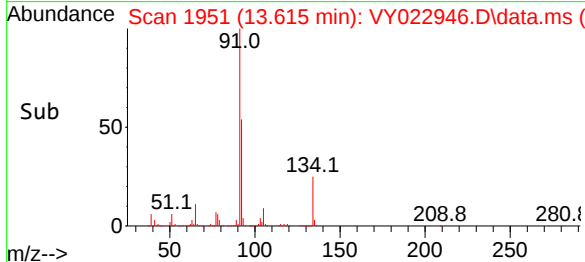
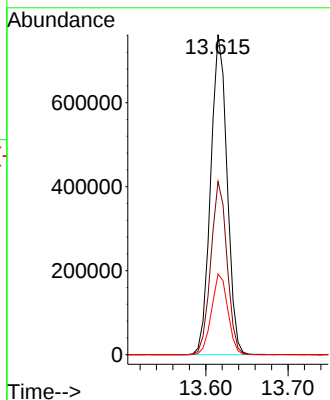
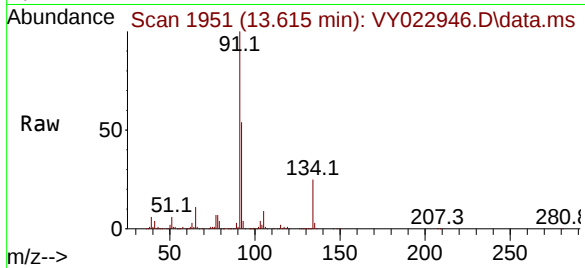




#89
n-Butylbenzene
Concen: 53.663 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

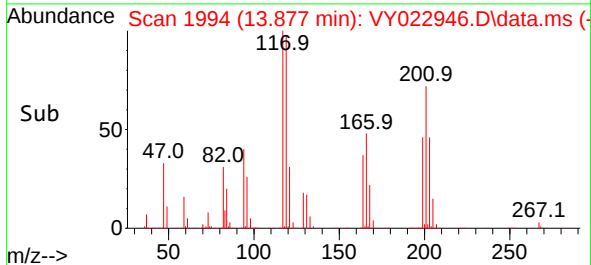
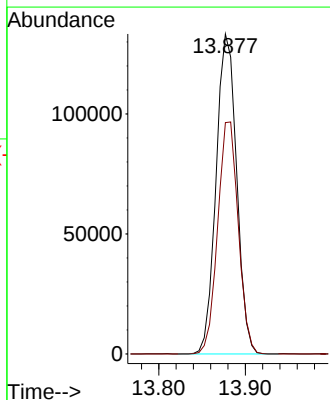
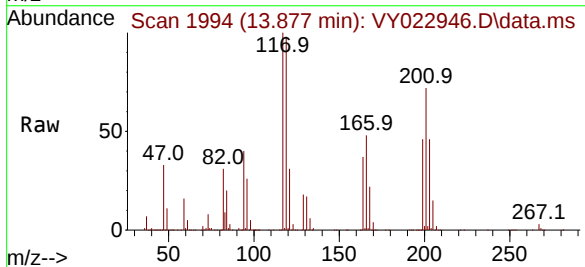
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

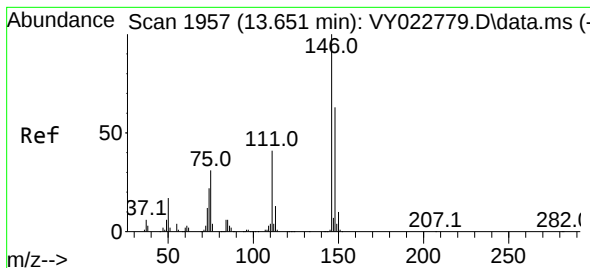
Tgt Ion: 91 Resp: 1055023
Ion Ratio Lower Upper
91 100
92 53.3 25.9 77.8
134 25.1 12.0 36.1



#90
Hexachloroethane
Concen: 52.738 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY022946.D
Acq: 07 Jul 2025 09:08

Tgt Ion: 117 Resp: 219541
Ion Ratio Lower Upper
117 100
201 72.8 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 50.695 ug/l

RT: 13.658 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VY022946.D

Acq: 07 Jul 2025 09:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

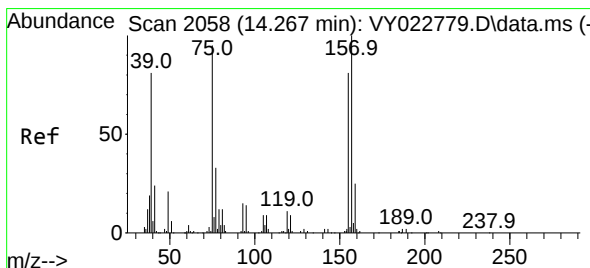
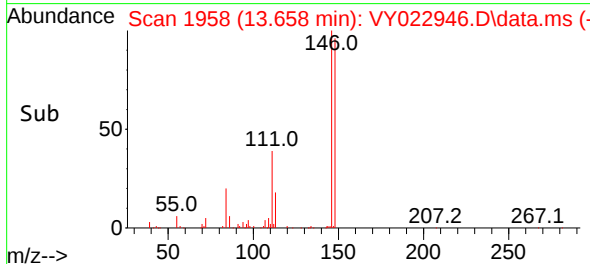
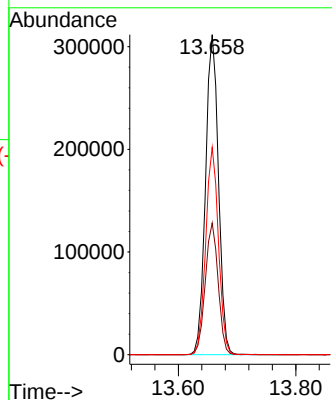
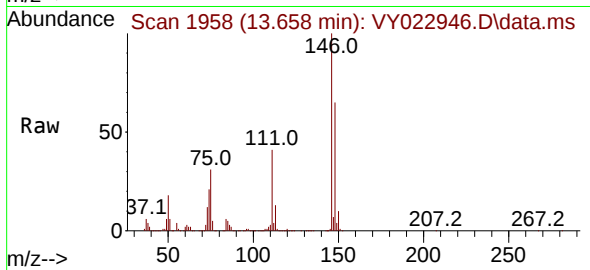
Tgt Ion:146 Resp: 476847

Ion Ratio Lower Upper

146 100

111 41.0 20.2 60.6

148 63.9 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.877 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY022946.D

Acq: 07 Jul 2025 09:08

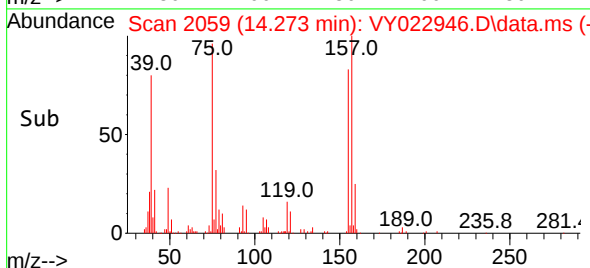
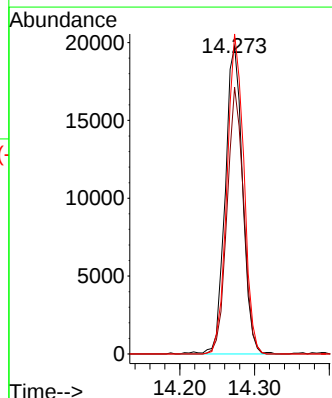
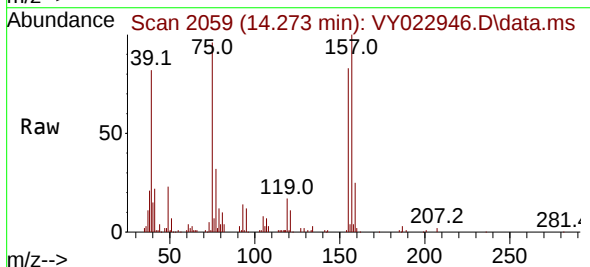
Tgt Ion: 75 Resp: 31963

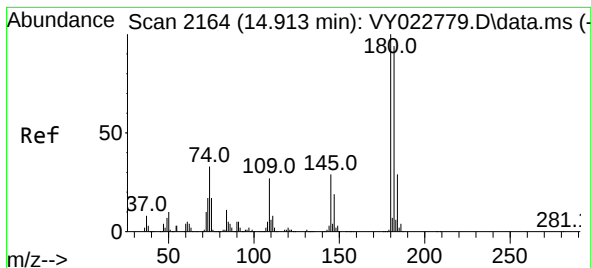
Ion Ratio Lower Upper

75 100

155 82.5 39.9 119.6

157 100.7 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 50.510 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022946.D

Acq: 07 Jul 2025 09:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

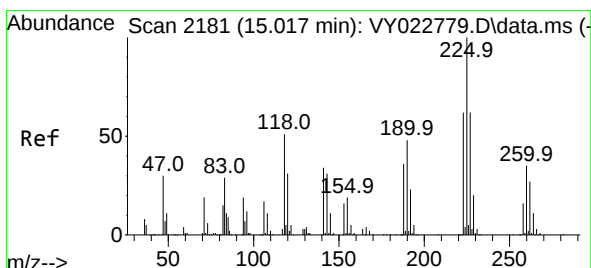
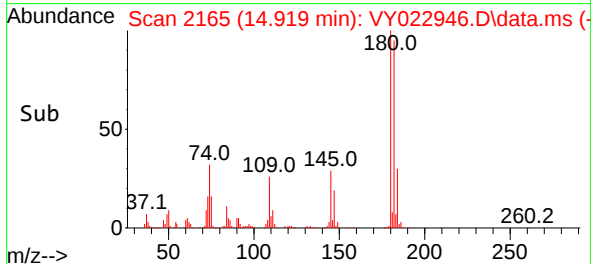
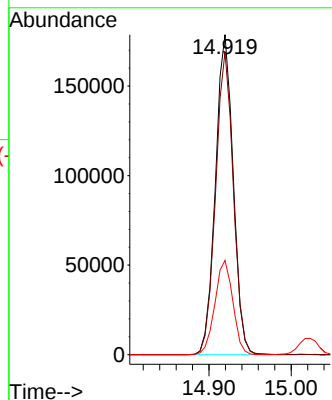
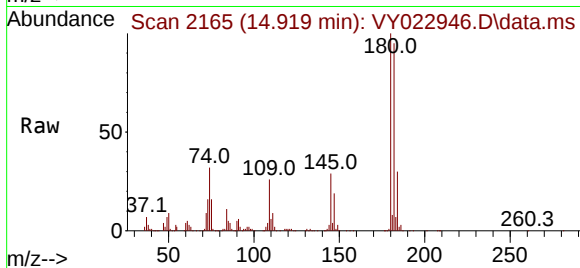
Tgt Ion:180 Resp: 268251

Ion Ratio Lower Upper

180 100

182 94.2 48.4 145.3

145 29.8 15.5 46.5



#94

Hexachlorobutadiene

Concen: 50.704 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY022946.D

Acq: 07 Jul 2025 09:08

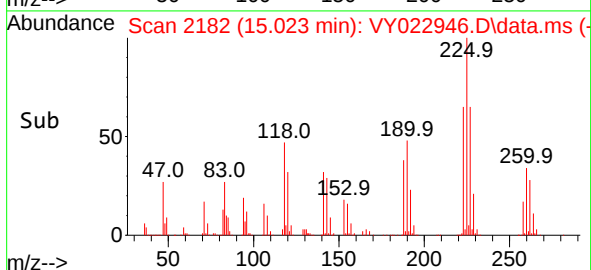
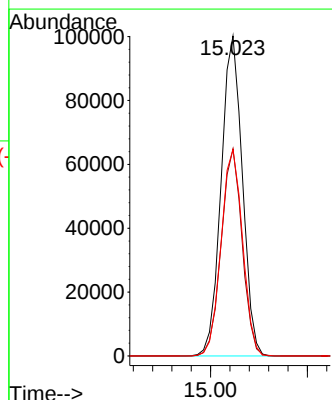
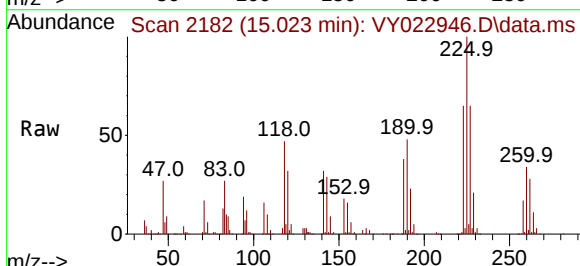
Tgt Ion:225 Resp: 152272

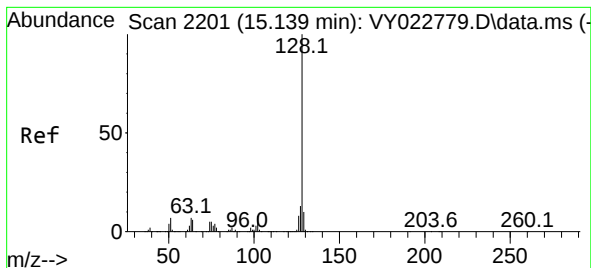
Ion Ratio Lower Upper

225 100

223 63.6 32.5 97.4

227 65.4 32.3 96.9





#95

Naphthalene

Concen: 49.739 ug/l

RT: 15.139 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY022946.D

Acq: 07 Jul 2025 09:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

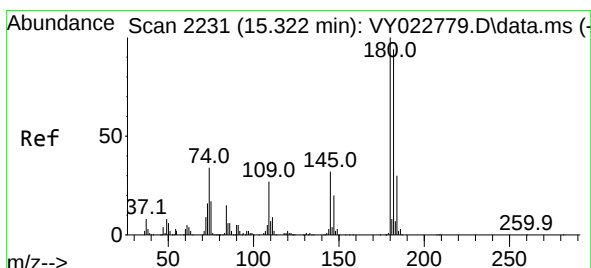
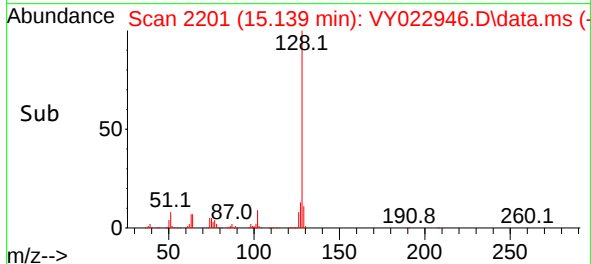
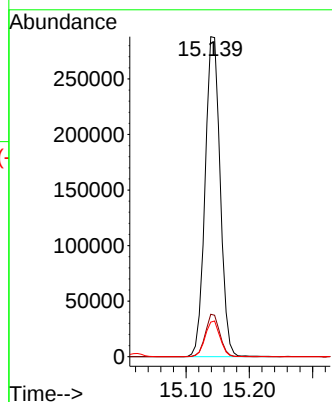
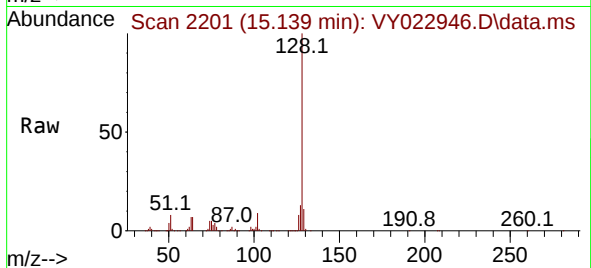
Tgt Ion:128 Resp: 477686

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 11.0 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 49.170 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022946.D

Acq: 07 Jul 2025 09:08

Tgt Ion:180 Resp: 225650

Ion Ratio Lower Upper

180 100

182 95.5 47.1 141.3

145 31.9 15.2 45.6

