

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120325\
 Data File : VY023871.D
 Acq On : 03 Dec 2025 15:12
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Dec 04 03:39:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 03:37:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	545043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	833577	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	727751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	378627	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	601016	110.230	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 220.460%#	
35) Dibromofluoromethane	7.634	113	588775	110.127	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 220.260%#	
50) Toluene-d8	10.109	98	2293388	110.234	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 220.460%#	
62) 4-Bromofluorobenzene	12.408	95	783133	110.362	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 220.720%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	380523	92.302	ug/l	100
3) Chloromethane	2.074	50	551009	93.697	ug/l	96
4) Vinyl Chloride	2.208	62	648959	96.743	ug/l	99
5) Bromomethane	2.599	94	427799	88.325	ug/l	99
6) Chloroethane	2.739	64	421590	92.699	ug/l	96
7) Trichlorofluoromethane	3.062	101	881234	93.954	ug/l	96
8) Diethyl Ether	3.458	74	274719	97.767	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.824	101	514526	91.558	ug/l	98
10) Methyl Iodide	4.007	142	604306	94.685	ug/l	99
11) Tert butyl alcohol	4.866	59	192446	503.529	ug/l	100
12) 1,1-Dichloroethene	3.793	96	506366	96.438	ug/l	99
13) Acrolein	3.659	56	159515	468.621	ug/l	98
14) Allyl chloride	4.391	41	828629	98.706	ug/l	98
15) Acrylonitrile	5.061	53	634191	518.561	ug/l	99
16) Acetone	3.873	43	765434	468.492	ug/l	99
17) Carbon Disulfide	4.110	76	1616569	104.202	ug/l	100
18) Methyl Acetate	4.391	43	299030	107.903	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	1349423	102.310	ug/l	98
20) Methylene Chloride	4.623	84	540120	93.401	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	562250	97.054	ug/l	99
22) Diisopropyl ether	6.025	45	1831952	99.110	ug/l	98
23) Vinyl Acetate	5.964	43	5380036	525.084	ug/l	98
24) 1,1-Dichloroethane	5.921	63	1014818	95.021	ug/l	100
25) 2-Butanone	6.897	43	969483	492.227	ug/l	97
26) 2,2-Dichloropropane	6.890	77	892635	91.193	ug/l	99
27) cis-1,2-Dichloroethene	6.897	96	650057	96.635	ug/l	100
28) Bromochloromethane	7.250	49	380378	93.214	ug/l	99
29) Tetrahydrofuran	7.262	42	550246	540.195	ug/l	99
30) Chloroform	7.427	83	1004227	93.053	ug/l	99
31) Cyclohexane	7.707	56	983287	96.294	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	911074	93.521	ug/l	100
36) 1,1-Dichloropropene	7.841	75	771073	97.810	ug/l	100
37) Ethyl Acetate	6.988	43	378867	104.075	ug/l	100
38) Carbon Tetrachloride	7.823	117	828616	95.236	ug/l	99
39) Methylcyclohexane	9.110	83	1061933	103.486	ug/l	98
40) Benzene	8.085	78	2294551	96.295	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	180184	96.001	ug/l #	98
42) 1,2-Dichloroethane	8.159	62	604794	97.265	ug/l	100
43) Isopropyl Acetate	8.201	43	723696	106.254	ug/l	99
44) Trichloroethene	8.866	130	589778	96.193	ug/l	97
45) 1,2-Dichloropropane	9.140	63	547865	97.105	ug/l	97
46) Dibromomethane	9.231	93	298833	97.833	ug/l	100
47) Bromodichloromethane	9.427	83	770127	95.566	ug/l	99
48) Methyl methacrylate	9.219	41	357957	112.496	ug/l	99
49) 1,4-Dioxane	9.225	88	71242	2097.609	ug/l	93
51) 4-Methyl-2-Pentanone	10.000	43	1945943	543.335	ug/l	99
52) Toluene	10.170	92	1478487	99.082	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	749005	102.981	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	863024	100.764	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	406702	98.637	ug/l	99
56) Ethyl methacrylate	10.439	69	597305	95.141	ug/l	99
57) 1,3-Dichloropropane	10.719	76	705243	99.305	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	1280440	475.100	ug/l	100
59) 2-Hexanone	10.762	43	1451826	537.484	ug/l	98
60) Dibromochloromethane	10.914	129	542962	98.205	ug/l	99
61) 1,2-Dibromoethane	11.018	107	379799	101.072	ug/l	99
64) Tetrachloroethene	10.646	164	662205	92.984	ug/l	99
65) Chlorobenzene	11.438	112	1581124	95.188	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	538308	94.984	ug/l	100
67) Ethyl Benzene	11.518	91	2851156	99.287	ug/l	99
68) m/p-Xylenes	11.627	106	2181866	198.786	ug/l	100
69) o-Xylene	11.957	106	1034728	100.791	ug/l	99
70) Styrene	11.969	104	1724169	101.883	ug/l	100
71) Bromoform	12.133	173	328202	102.492	ug/l #	99
73) Isopropylbenzene	12.255	105	2749383	98.558	ug/l	100
74) N-amyl acetate	12.066	43	676612	111.915	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	454452	100.971	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	634085	168.927	ug/l #	100
77) Bromobenzene	12.530	156	625934	96.614	ug/l	99
78) n-propylbenzene	12.597	91	3297870	97.971	ug/l	100
79) 2-Chlorotoluene	12.676	91	1842283	96.366	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	2211407	97.562	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	164040	104.670	ug/l	99
82) 4-Chlorotoluene	12.774	91	1883217	95.016	ug/l	100
83) tert-Butylbenzene	12.993	119	2017278	98.718	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	2194058	97.708	ug/l	99
85) sec-Butylbenzene	13.176	105	2957891	97.308	ug/l	100
86) p-Isopropyltoluene	13.292	119	2474066	98.300	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	1224484	93.811	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	1190344	92.992	ug/l	100
89) n-Butylbenzene	13.615	91	2318828	99.543	ug/l	99
90) Hexachloroethane	13.877	117	498413	94.397	ug/l	98
91) 1,2-Dichlorobenzene	13.658	146	1072015	94.427	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	74722	105.587	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	668373	99.299	ug/l	100
94) Hexachlorobutadiene	15.023	225	394559	93.431	ug/l	99
95) Naphthalene	15.145	128	1256519	113.275	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	580051	100.986	ug/l	99

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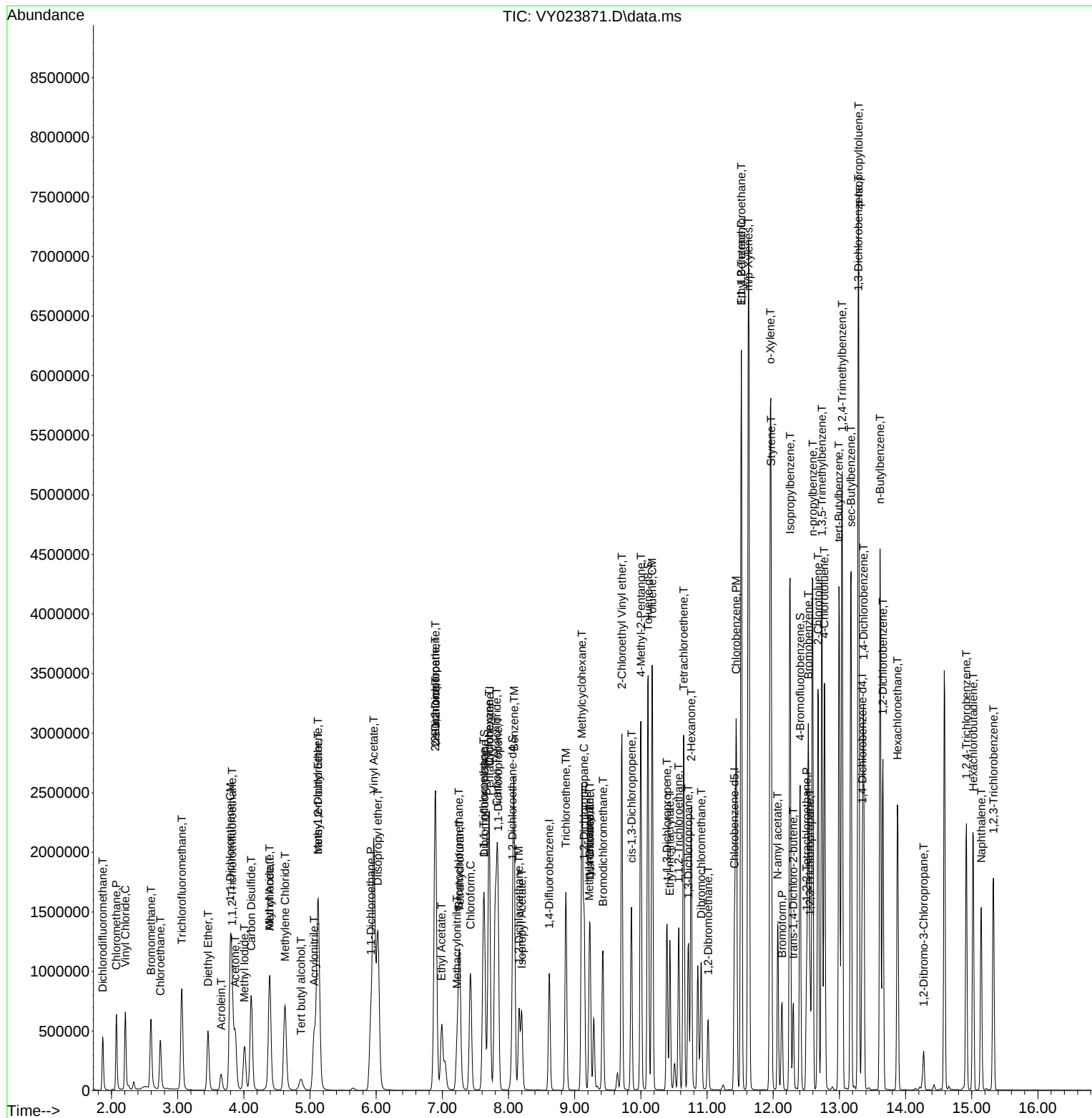
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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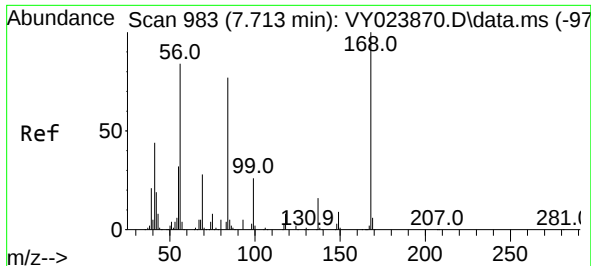
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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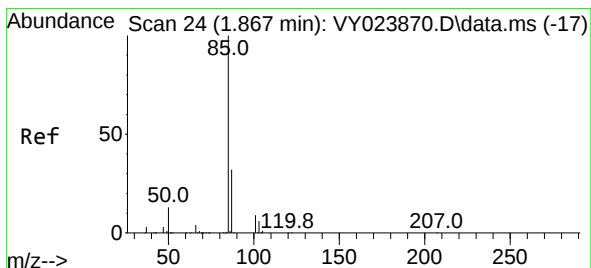
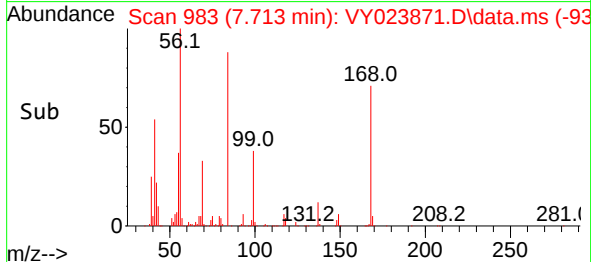
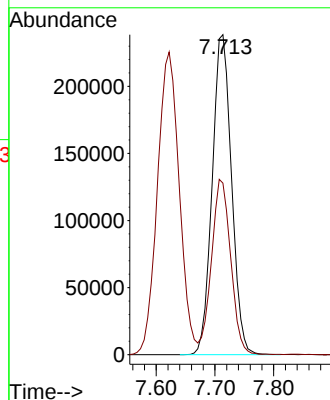
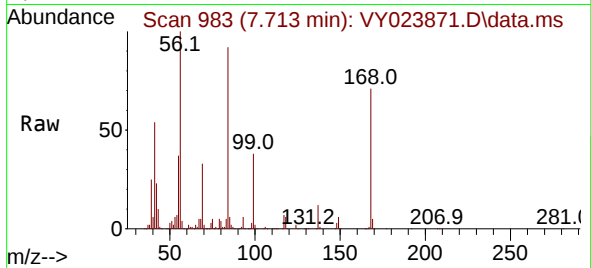




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023871.D
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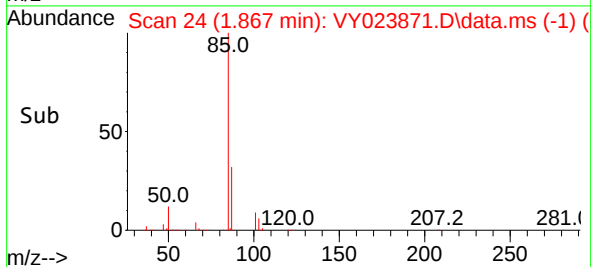
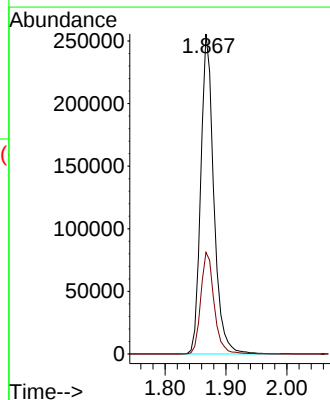
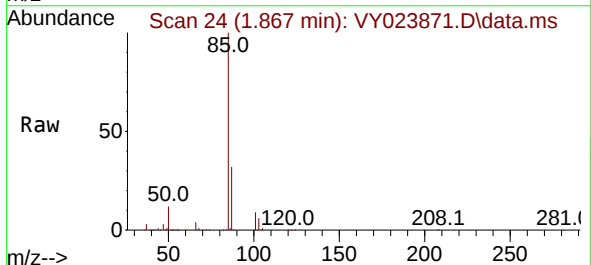
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

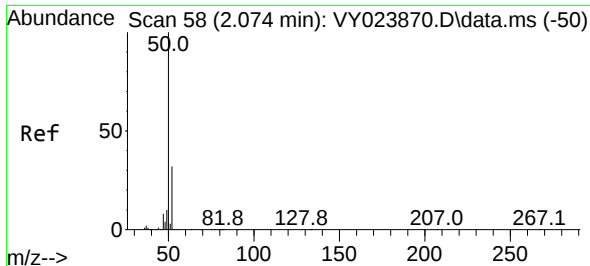
Tgt Ion:168 Resp: 545043
Ion Ratio Lower Upper
168 100
99 53.5 42.5 63.7



#2
Dichlorodifluoromethane
Concen: 92.302 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

Tgt Ion: 85 Resp: 380523
Ion Ratio Lower Upper
85 100
87 31.8 15.9 47.6

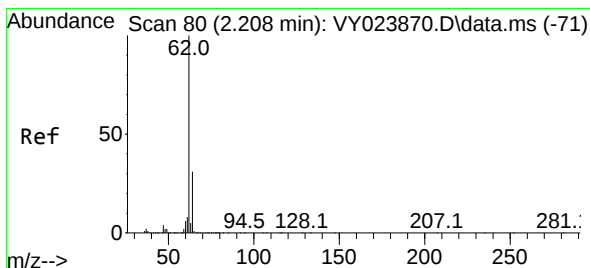
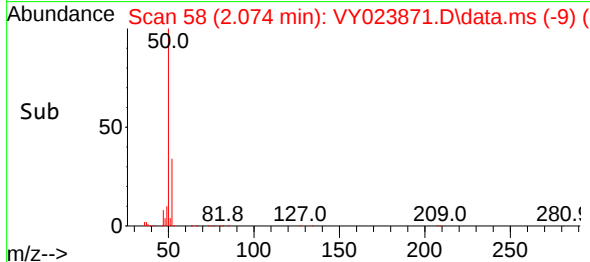
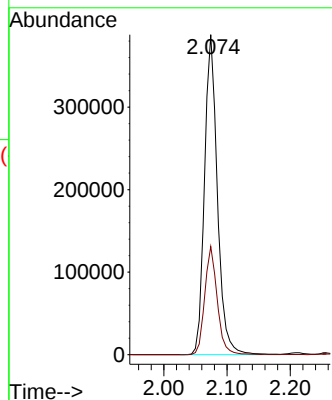
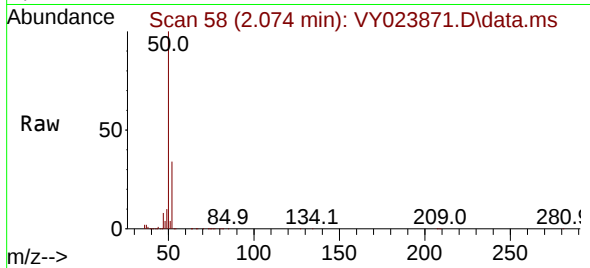




#3
Chloromethane
Concen: 93.697 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

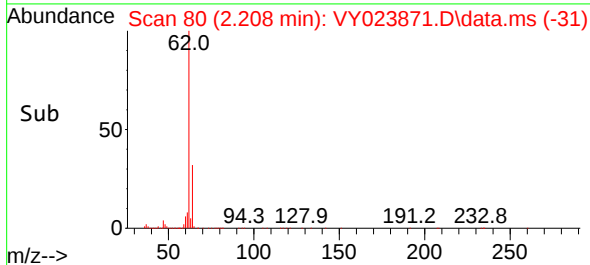
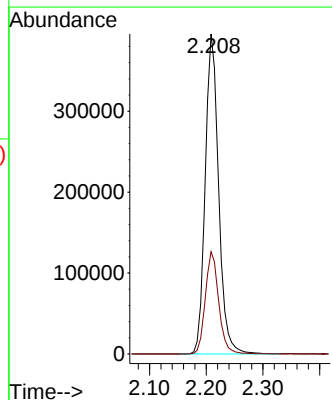
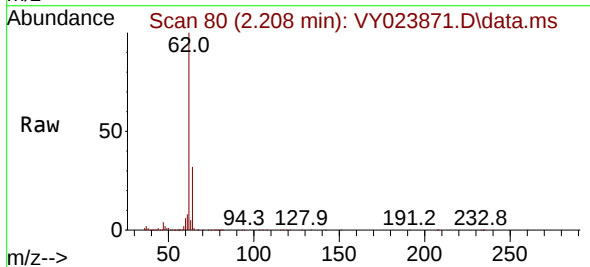
Instrument :
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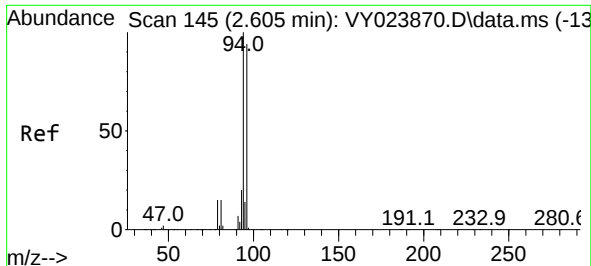
Tgt Ion: 50 Resp: 551009
Ion Ratio Lower Upper
50 100
52 33.8 25.2 37.8



#4
Vinyl Chloride
Concen: 96.743 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

Tgt Ion: 62 Resp: 648959
Ion Ratio Lower Upper
62 100
64 31.9 25.1 37.7

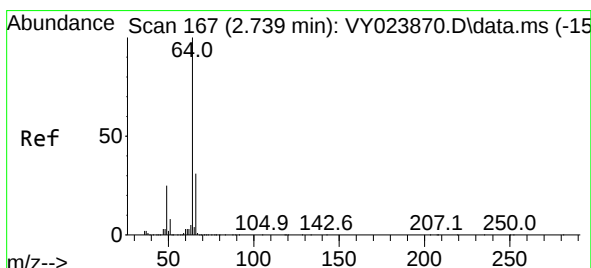
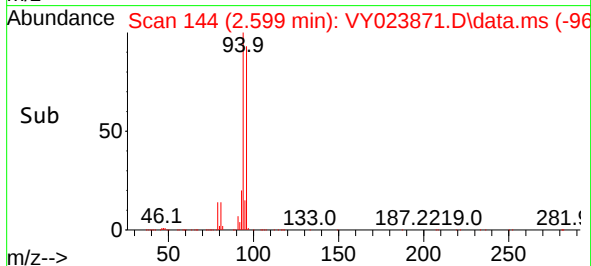
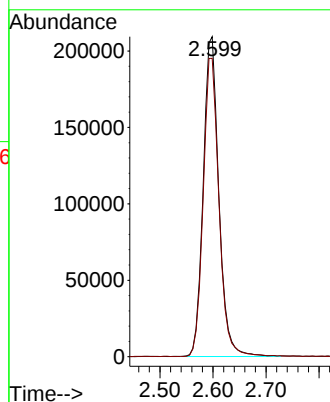
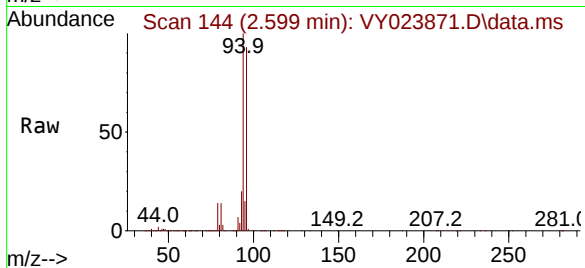




#5
Bromomethane
Concen: 88.325 ug/l
RT: 2.599 min Scan# 145
Delta R.T. -0.006 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

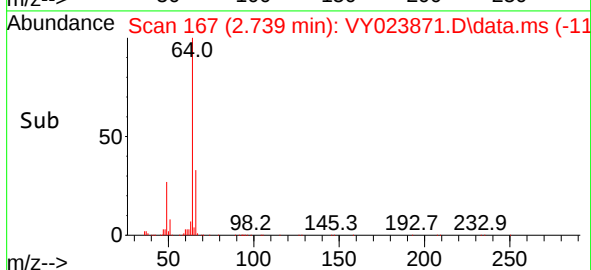
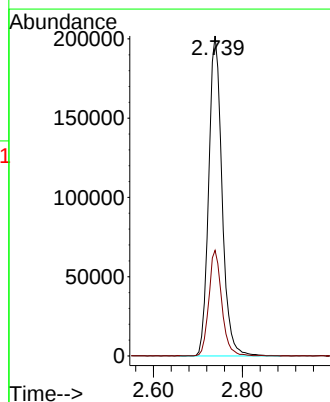
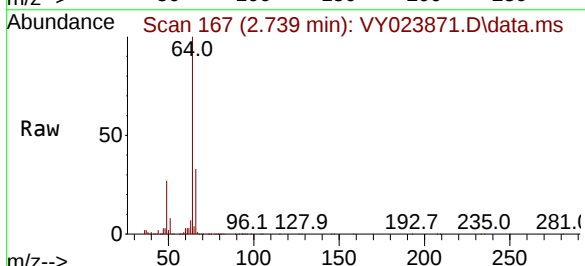
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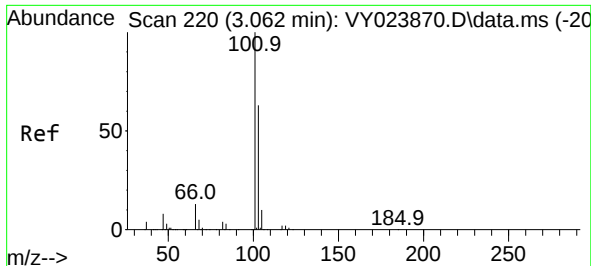
Tgt Ion: 94 Resp: 427799
Ion Ratio Lower Upper
94 100
96 93.2 75.2 112.8



#6
Chloroethane
Concen: 92.699 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY023871.D
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Tgt Ion: 64 Resp: 421590
Ion Ratio Lower Upper
64 100
66 32.9 24.8 37.2

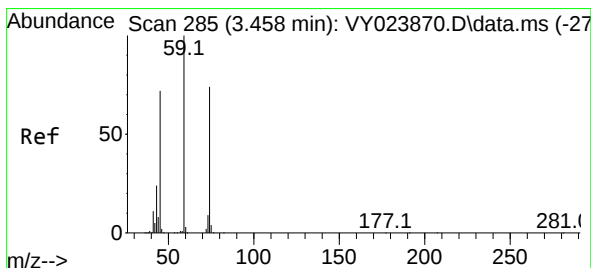
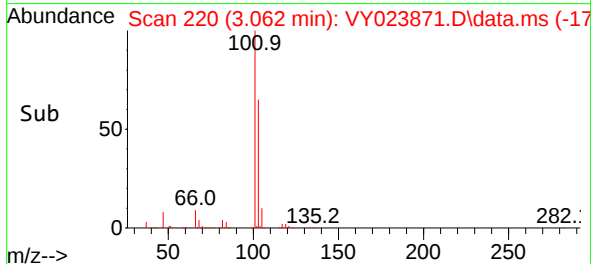
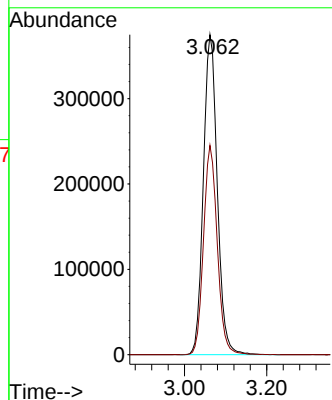
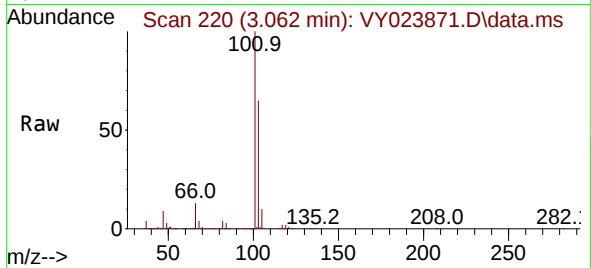




#7
 Trichlorofluoromethane
 Concen: 93.954 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY023871.D
 Acq: 03 Dec 2025 15:12

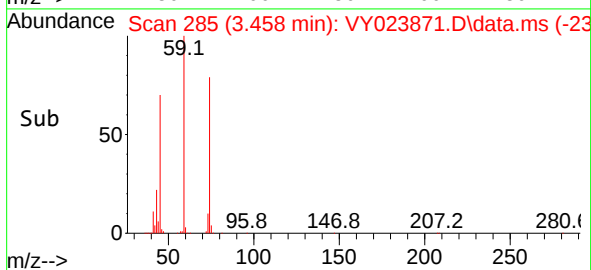
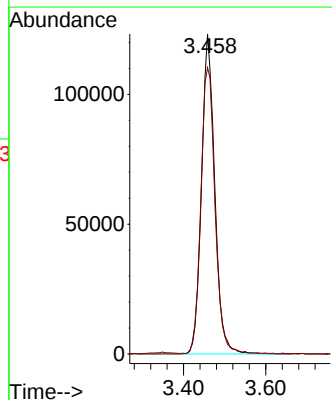
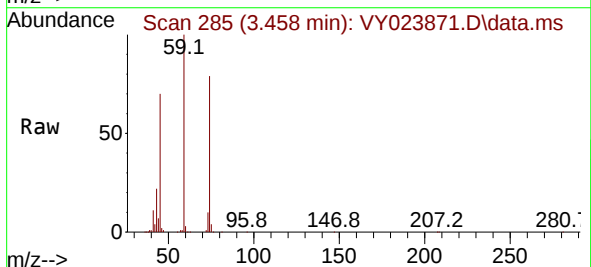
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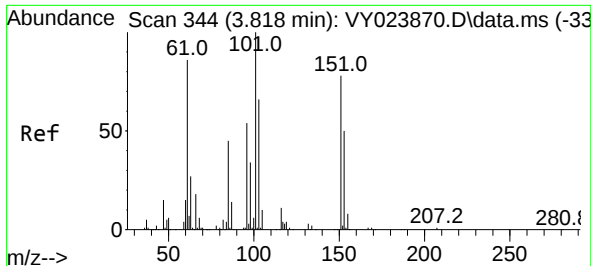
Tgt Ion:101 Resp: 881234
 Ion Ratio Lower Upper
 101 100
 103 65.4 50.2 75.2



#8
 Diethyl Ether
 Concen: 97.767 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY023871.D
 Acq: 03 Dec 2025 15:12

Tgt Ion: 74 Resp: 274719
 Ion Ratio Lower Upper
 74 100
 45 95.7 48.4 145.3

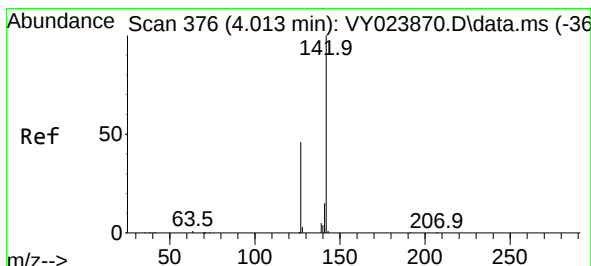
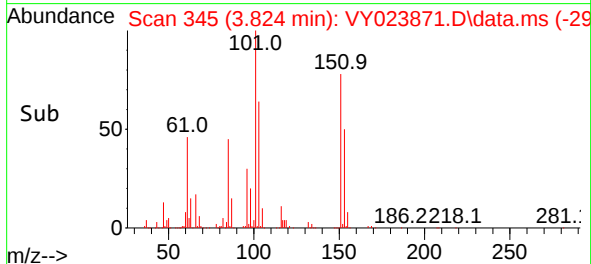
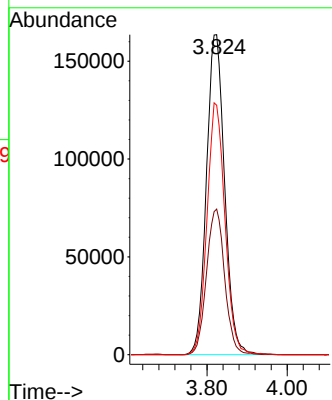
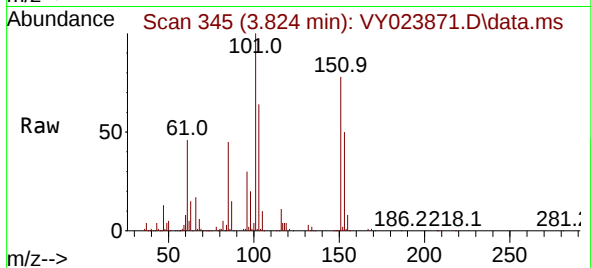




#9
1,1,2-Trichlorotrifluoroethane
Concen: 91.558 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

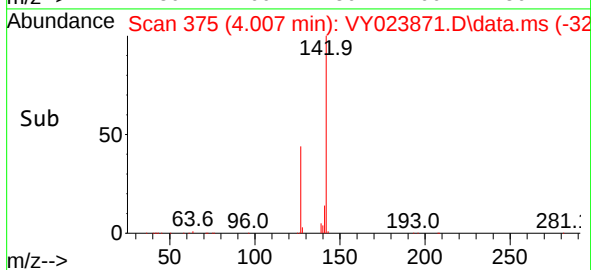
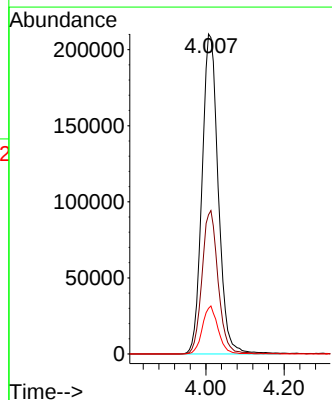
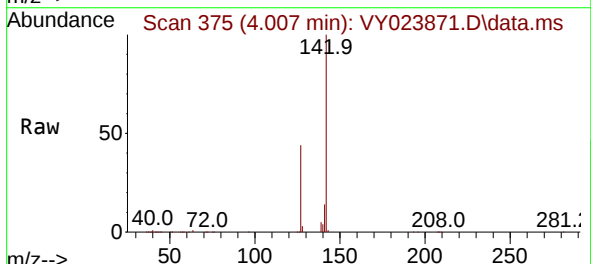
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

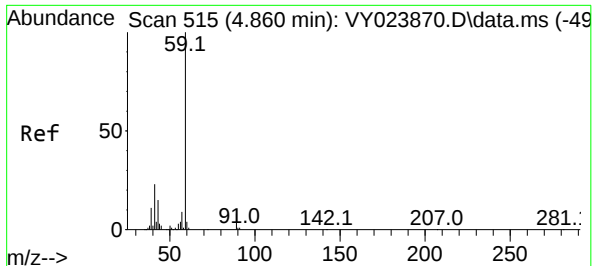
Tgt Ion:101 Resp: 514526
Ion Ratio Lower Upper
101 100
85 45.6 35.8 53.8
151 77.7 63.4 95.0



#10
Methyl Iodide
Concen: 94.685 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.006 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

Tgt Ion:142 Resp: 604306
Ion Ratio Lower Upper
142 100
127 44.5 36.1 54.1
141 14.5 11.8 17.8





#11

Tert butyl alcohol

Concen: 503.529 ug/l

RT: 4.866 min Scan# 515

Delta R.T. 0.006 min

Lab File: VY023871.D

Acq: 03 Dec 2025 15:12

Instrument :

MSVOA_Y

ClientSampleId :

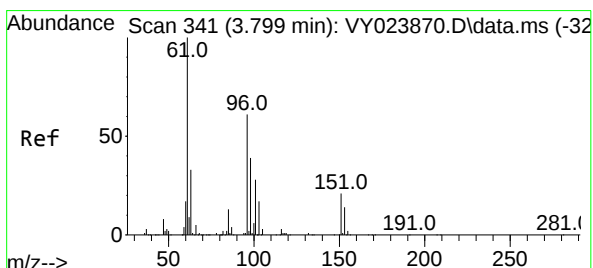
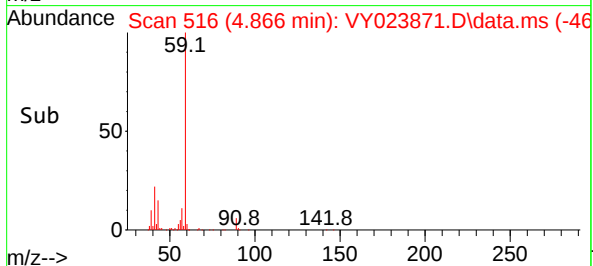
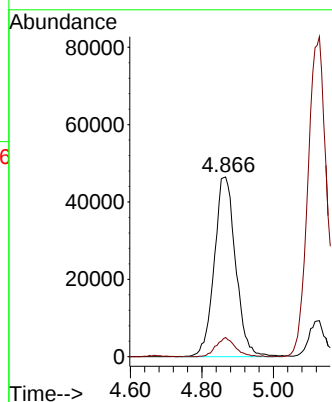
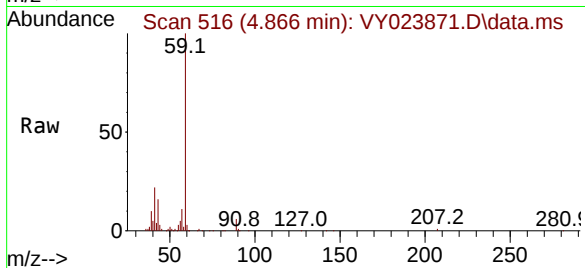
VSTDIC100

Tgt Ion: 59 Resp: 192446

Ion Ratio Lower Upper

59 100

57 9.7 7.7 11.5



#12

1,1-Dichloroethene

Concen: 96.438 ug/l

RT: 3.793 min Scan# 340

Delta R.T. -0.006 min

Lab File: VY023871.D

Acq: 03 Dec 2025 15:12

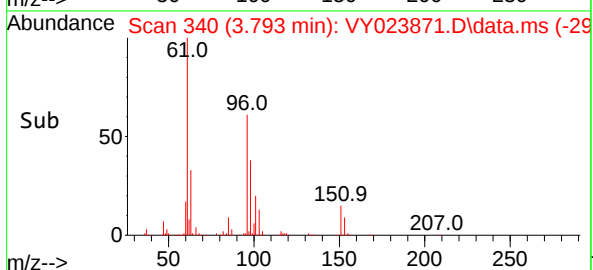
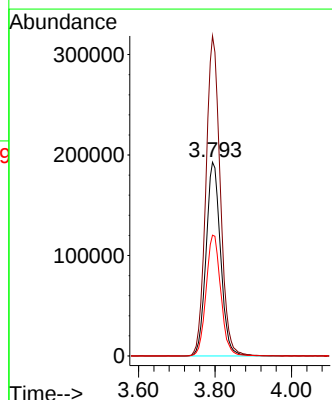
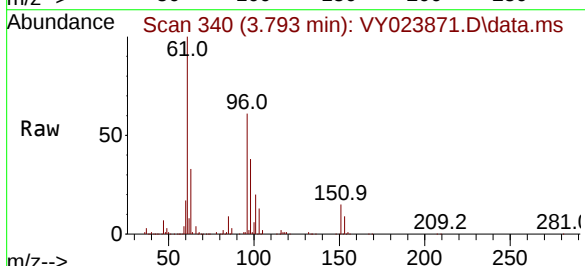
Tgt Ion: 96 Resp: 506366

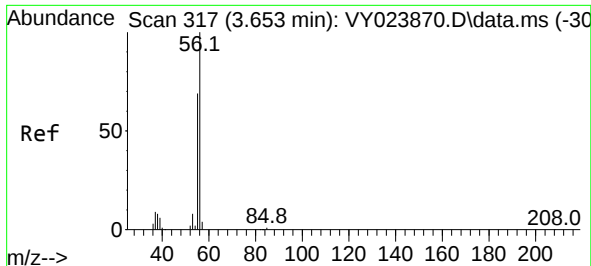
Ion Ratio Lower Upper

96 100

61 165.1 131.2 196.8

98 62.3 51.3 76.9

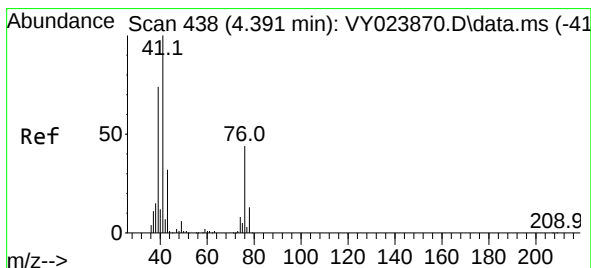
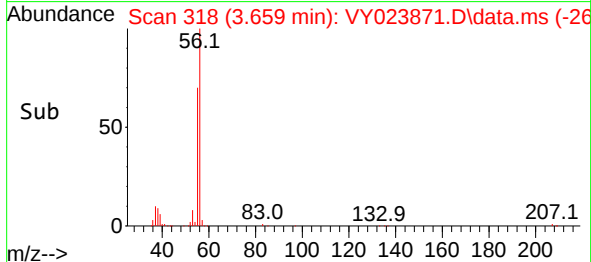
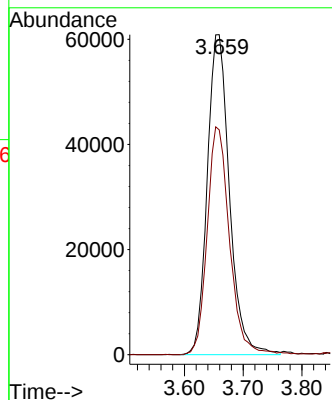
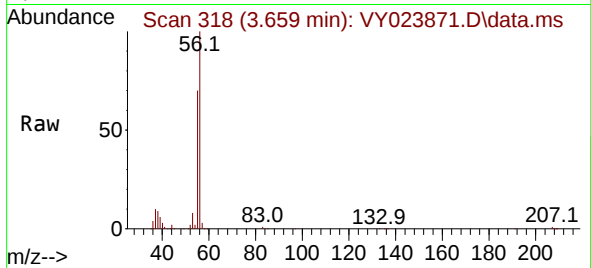




#13
Acrolein
Concen: 468.621 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

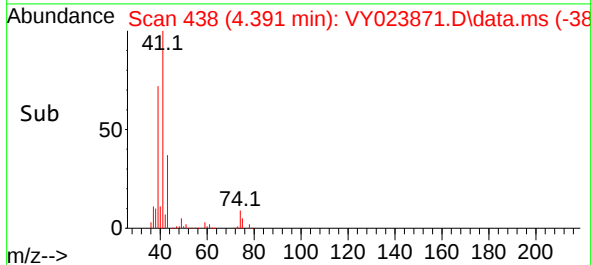
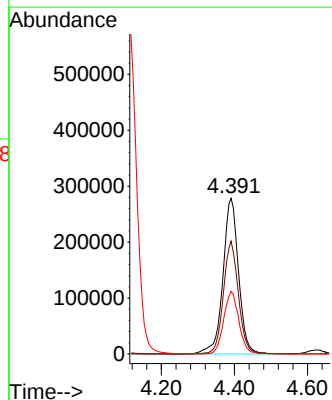
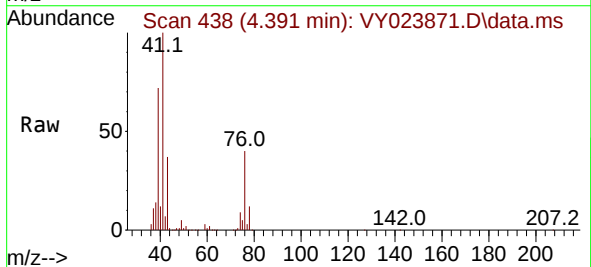
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

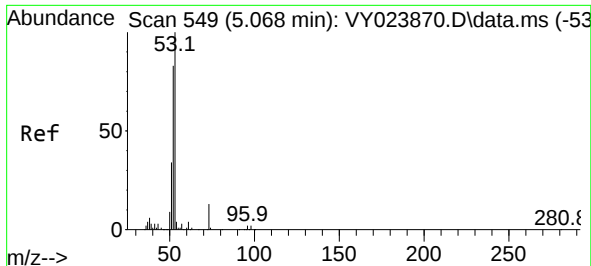
Tgt Ion: 56 Resp: 159515
Ion Ratio Lower Upper
56 100
55 71.9 59.0 88.6



#14
Allyl chloride
Concen: 98.706 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

Tgt Ion: 41 Resp: 828629
Ion Ratio Lower Upper
41 100
39 69.6 57.4 86.0
76 38.7 30.8 46.2

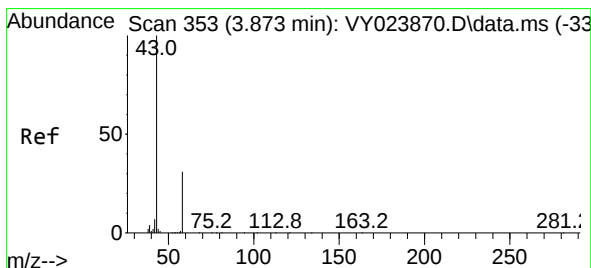
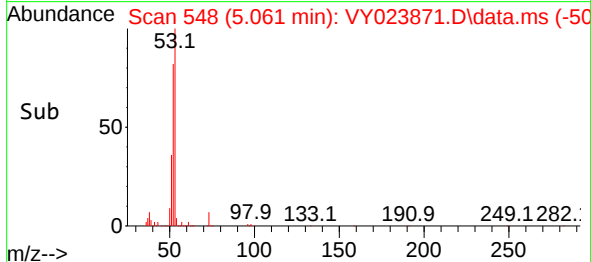
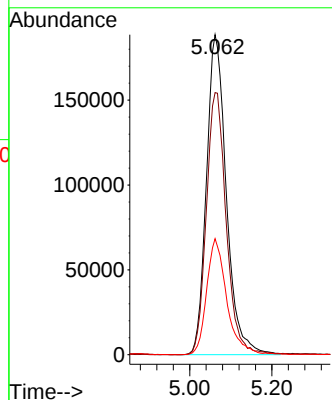
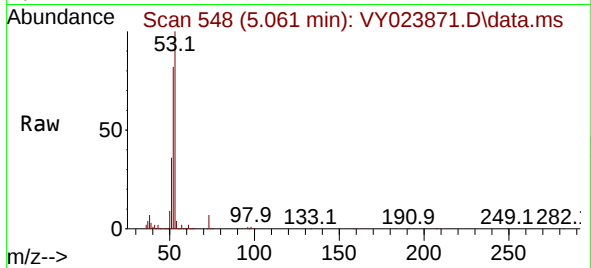




#15
Acrylonitrile
Concen: 518.561 ug/l
RT: 5.061 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

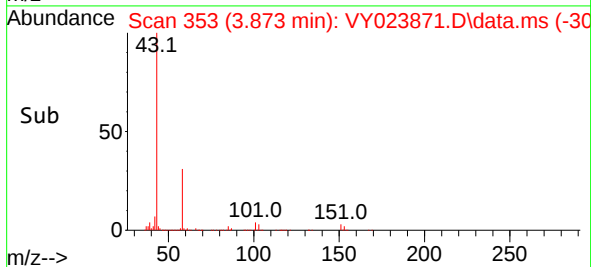
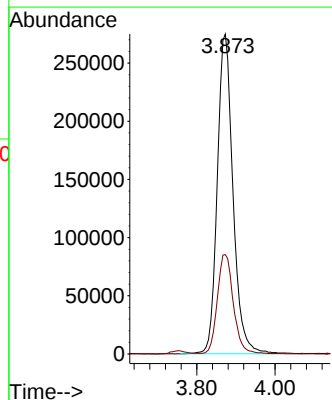
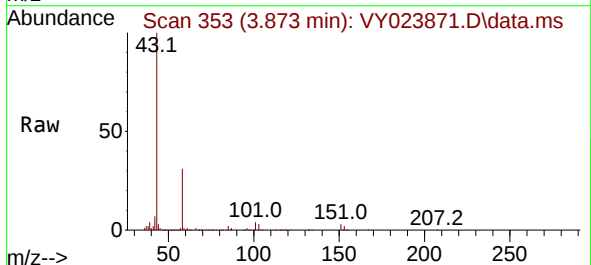
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

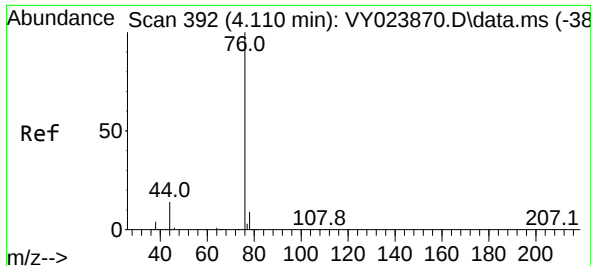
Tgt Ion: 53 Resp: 634191
Ion Ratio Lower Upper
53 100
52 81.9 65.1 97.7
51 36.6 29.5 44.3



#16
Acetone
Concen: 468.492 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

Tgt Ion: 43 Resp: 765434
Ion Ratio Lower Upper
43 100
58 31.0 25.1 37.7

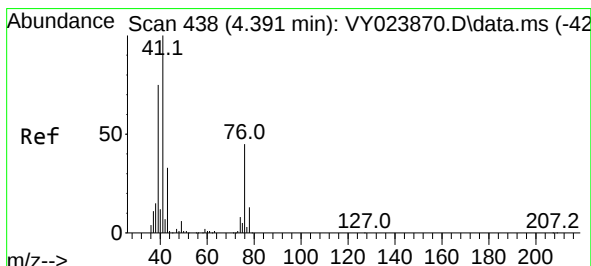
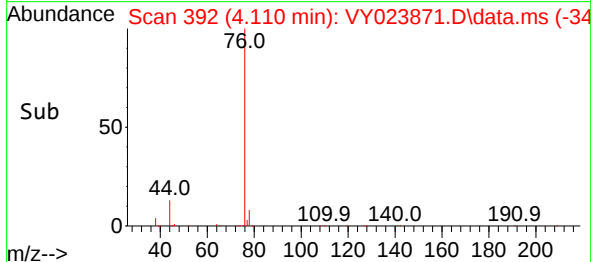
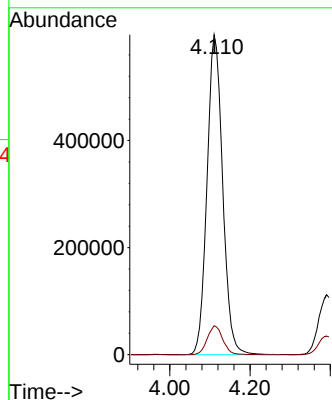
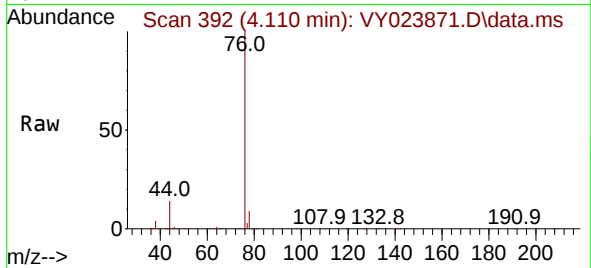




#17
Carbon Disulfide
Concen: 104.202 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

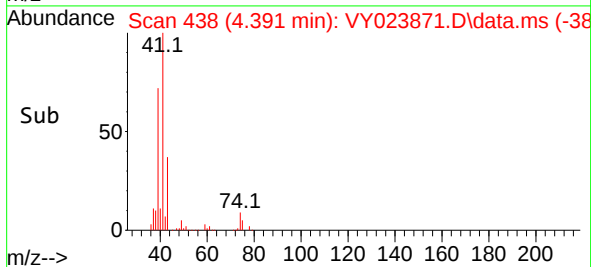
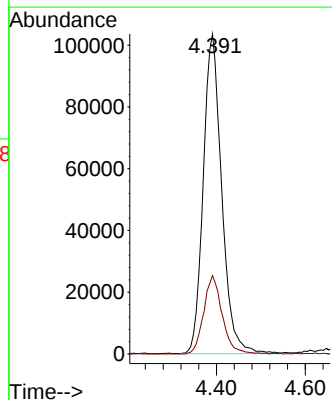
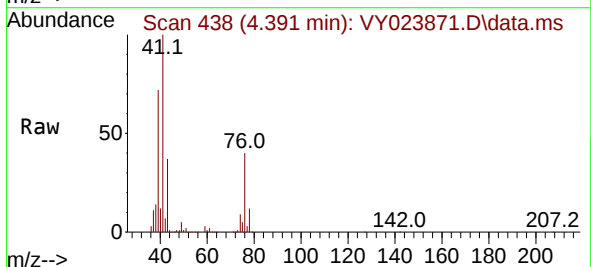
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

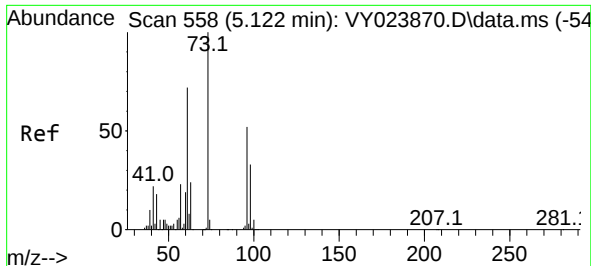
Tgt Ion: 76 Resp: 1616569
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 107.903 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

Tgt Ion: 43 Resp: 299030
Ion Ratio Lower Upper
43 100
74 24.5 19.6 29.4





#19

Methyl tert-butyl Ether

Concen: 102.310 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY023871.D

Acq: 03 Dec 2025 15:12

Instrument :

MSVOA_Y

ClientSampleId :

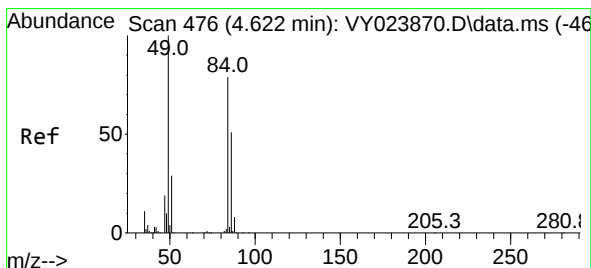
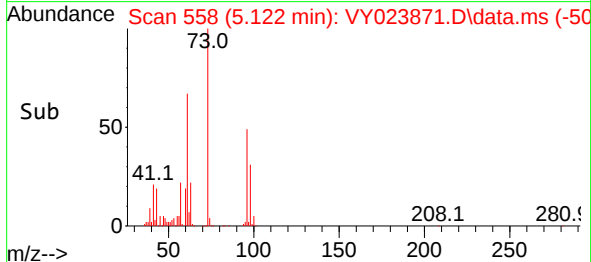
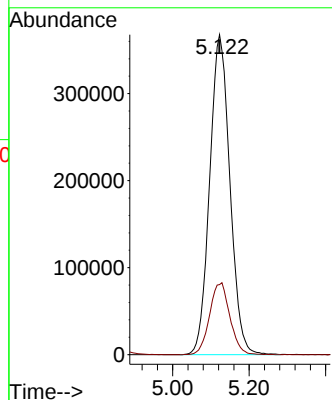
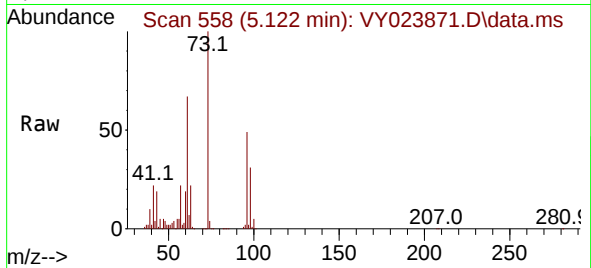
VSTDICC100

Tgt Ion: 73 Resp: 1349423

Ion Ratio Lower Upper

73 100

57 21.9 18.2 27.2



#20

Methylene Chloride

Concen: 93.401 ug/l

RT: 4.623 min Scan# 476

Delta R.T. 0.000 min

Lab File: VY023871.D

Acq: 03 Dec 2025 15:12

Tgt Ion: 84 Resp: 540120

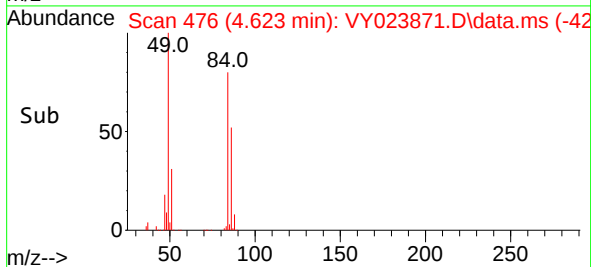
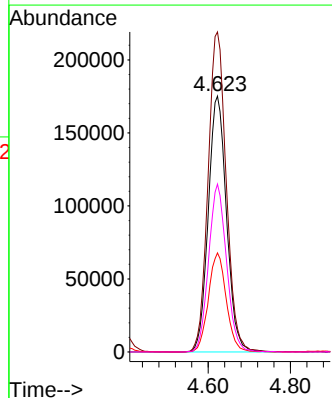
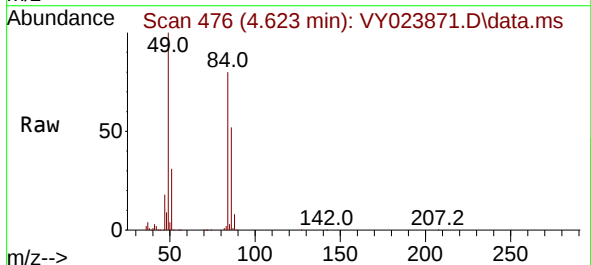
Ion Ratio Lower Upper

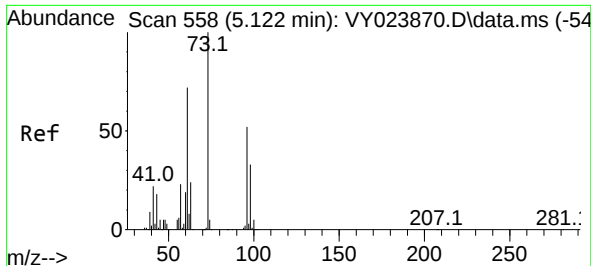
84 100

49 125.1 100.6 151.0

51 38.7 29.0 43.6

86 65.6 51.3 76.9

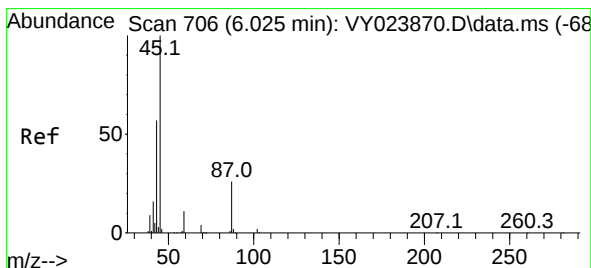
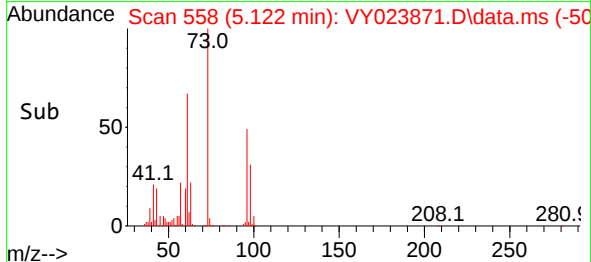
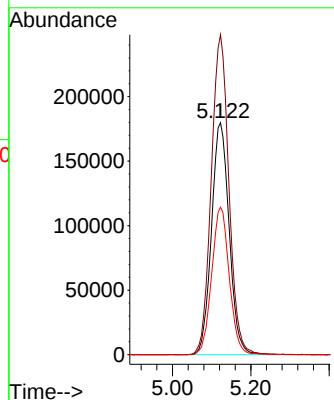
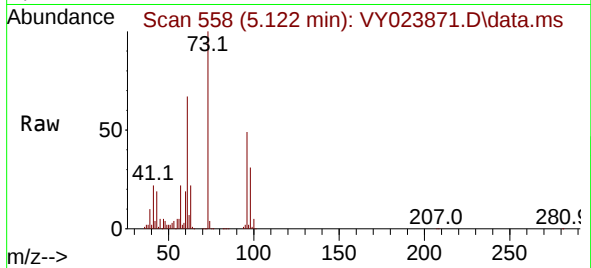




#21
trans-1,2-Dichloroethene
Concen: 97.054 ug/l
RT: 5.122 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

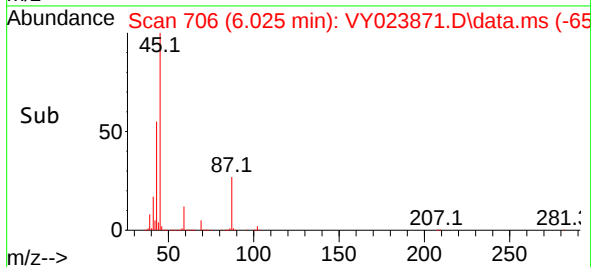
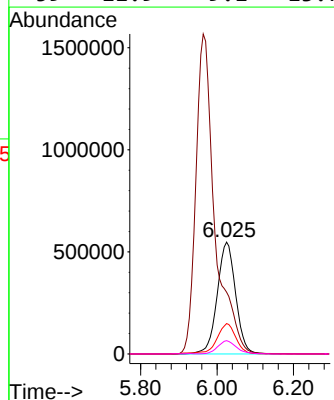
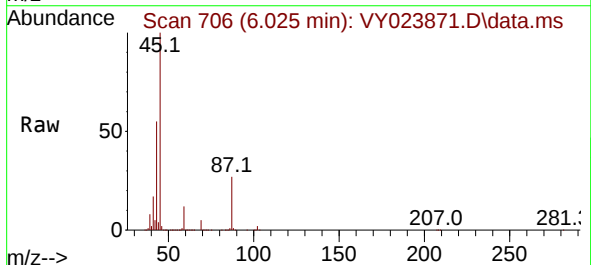
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

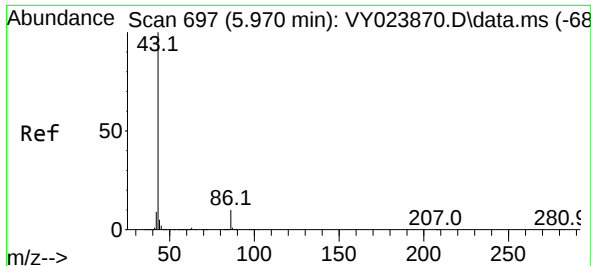
Tgt Ion: 96 Resp: 562250
Ion Ratio Lower Upper
96 100
61 137.9 111.7 167.5
98 63.6 51.5 77.3



#22
Diisopropyl ether
Concen: 99.110 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

Tgt Ion: 45 Resp: 1831952
Ion Ratio Lower Upper
45 100
43 54.9 45.5 68.3
87 27.2 20.7 31.1
59 11.9 9.1 13.7

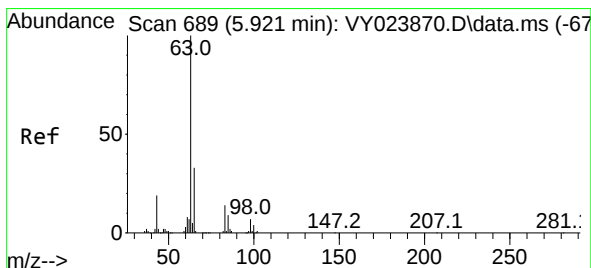
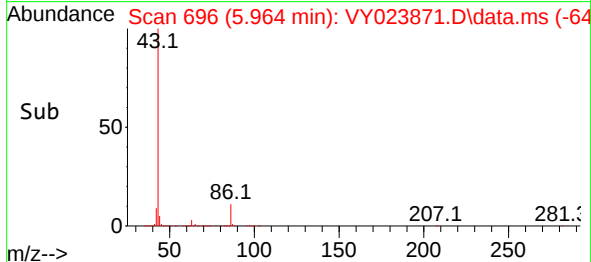
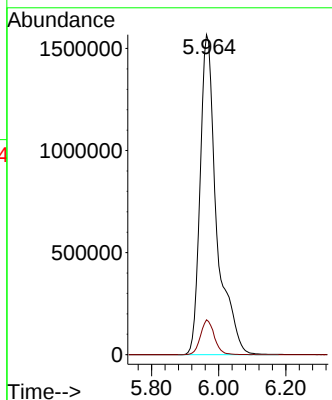
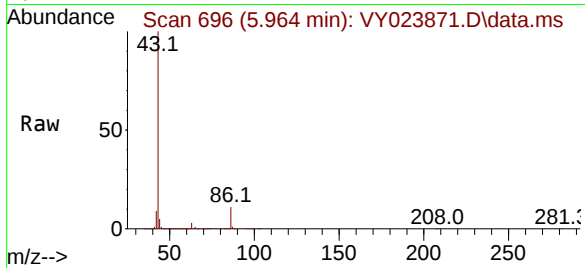




#23
 Vinyl Acetate
 Concen: 525.084 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY023871.D
 Acq: 03 Dec 2025 15:12

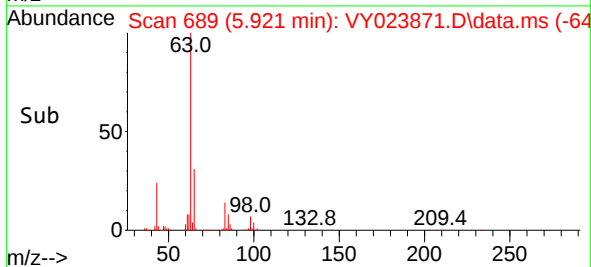
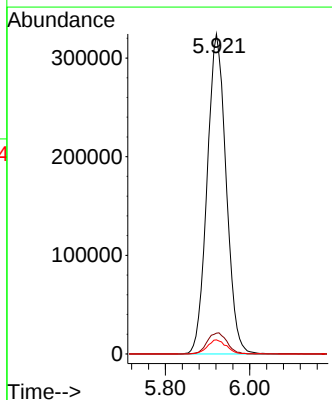
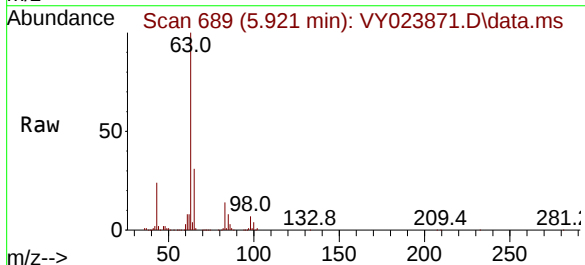
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

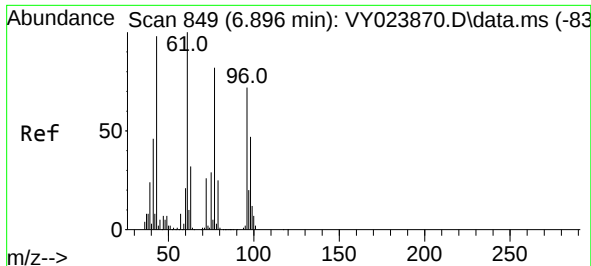
Tgt Ion: 43 Resp: 5380036
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 95.021 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY023871.D
 Acq: 03 Dec 2025 15:12

Tgt Ion: 63 Resp: 1014818
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.4 10.1
 100 4.4 2.2 6.6

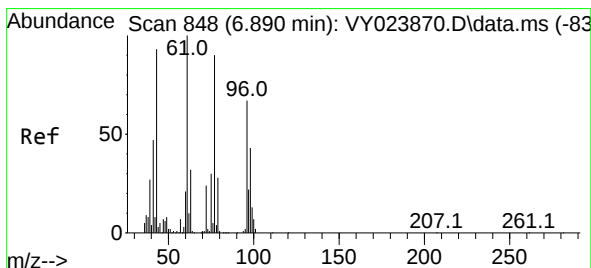
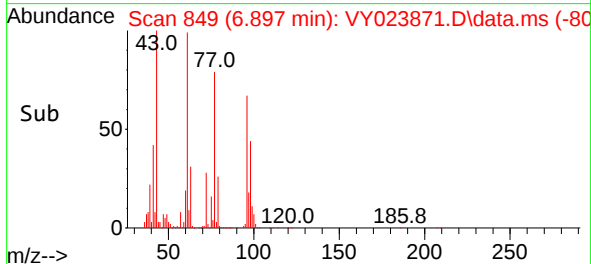
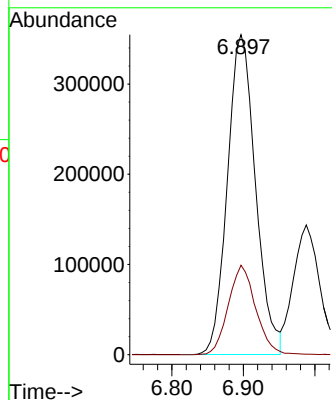
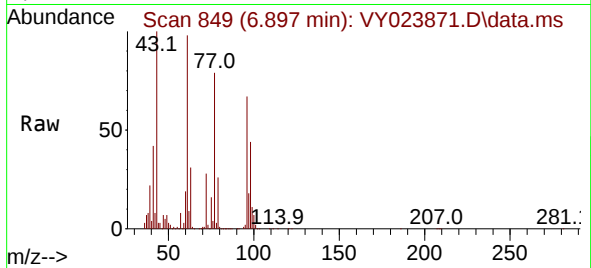




#25
2-Butanone
Concen: 492.227 ug/l
RT: 6.897 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

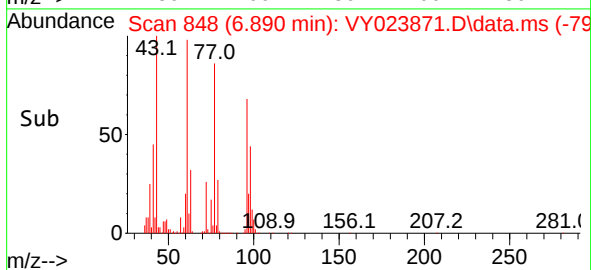
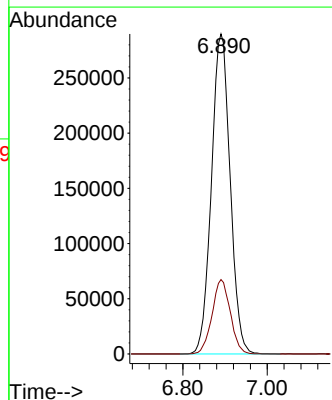
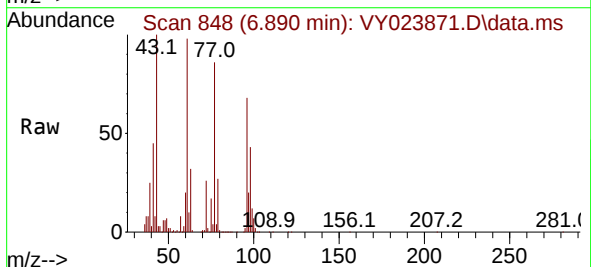
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

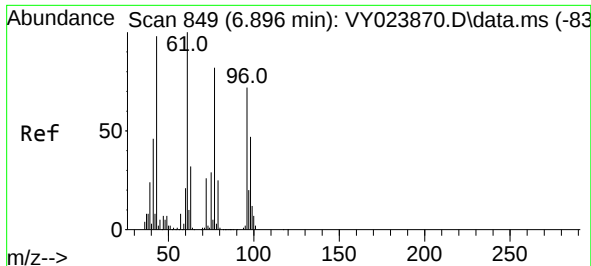
Tgt Ion: 43 Resp: 969483
Ion Ratio Lower Upper
43 100
72 28.0 21.0 31.6



#26
2,2-Dichloropropane
Concen: 91.193 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

Tgt Ion: 77 Resp: 892635
Ion Ratio Lower Upper
77 100
97 22.6 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 96.635 ug/l

RT: 6.897 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY023871.D

Acq: 03 Dec 2025 15:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

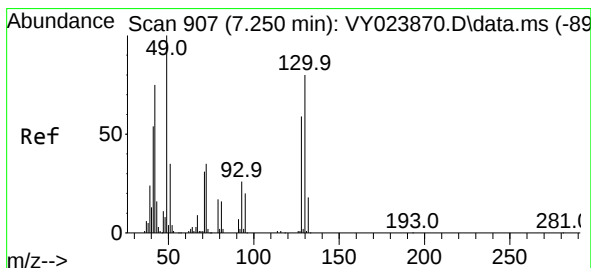
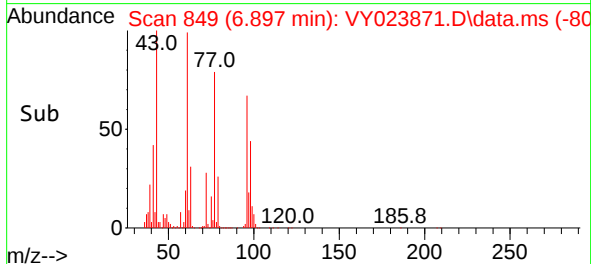
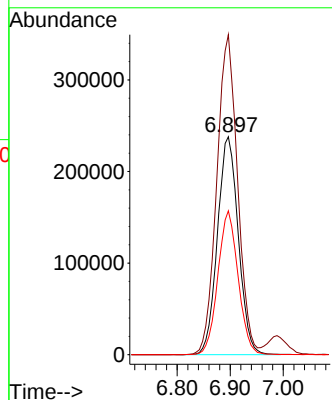
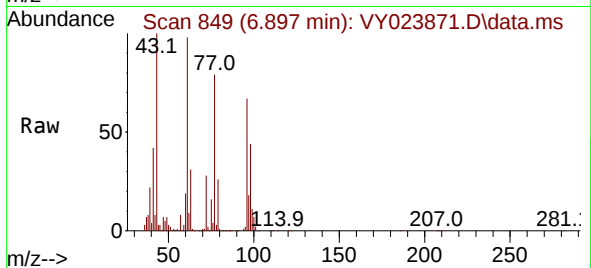
Tgt Ion: 96 Resp: 650057

Ion Ratio Lower Upper

96 100

61 146.3 0.0 292.8

98 64.1 0.0 128.4



#28

Bromochloromethane

Concen: 93.214 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY023871.D

Acq: 03 Dec 2025 15:12

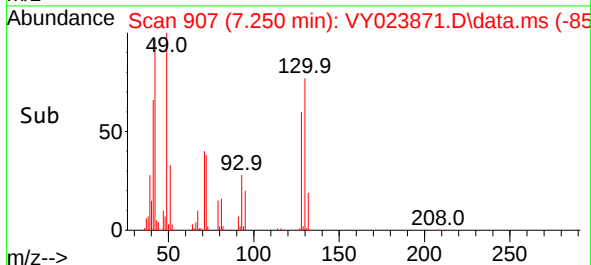
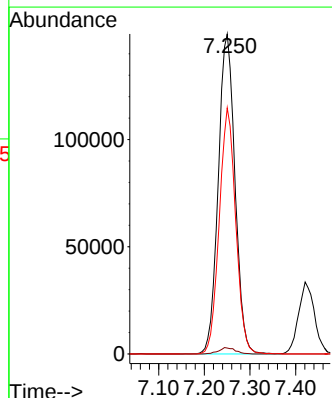
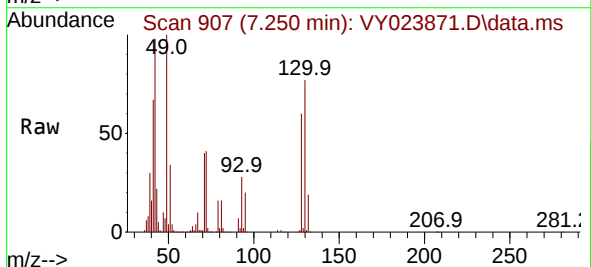
Tgt Ion: 49 Resp: 380378

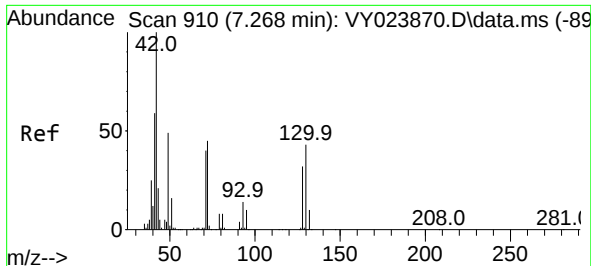
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.2

130 75.5 61.0 91.6





#29

Tetrahydrofuran

Concen: 540.195 ug/l

RT: 7.262 min Scan# 910

Delta R.T. -0.006 min

Lab File: VY023871.D

Acq: 03 Dec 2025 15:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

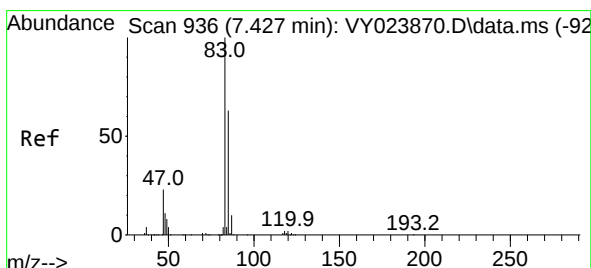
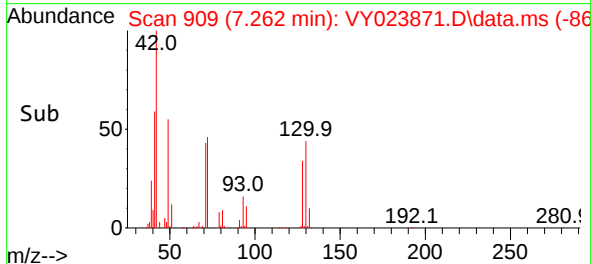
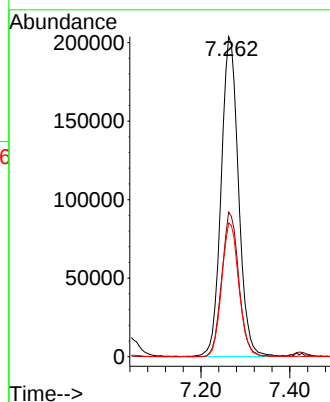
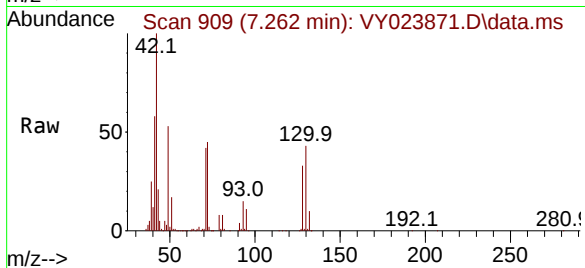
Tgt Ion: 42 Resp: 550246

Ion Ratio Lower Upper

42 100

72 44.5 35.6 53.4

71 41.4 32.5 48.7



#30

Chloroform

Concen: 93.053 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.000 min

Lab File: VY023871.D

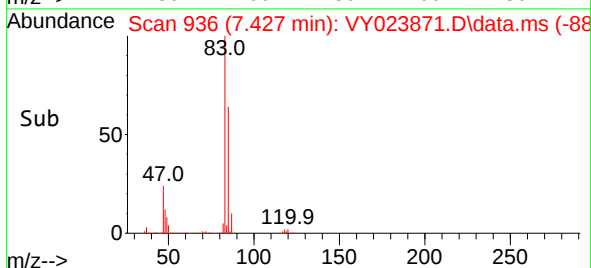
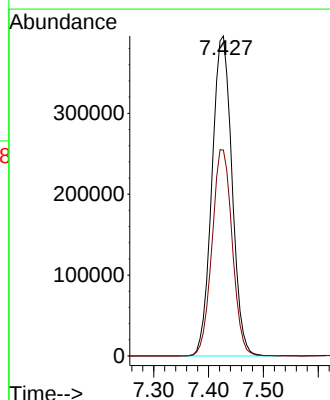
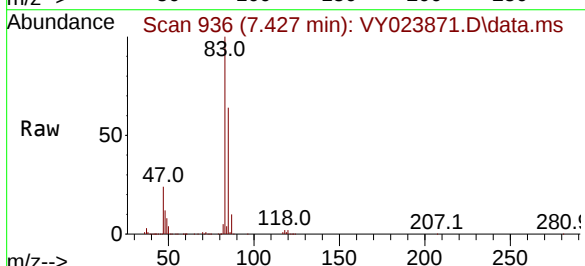
Acq: 03 Dec 2025 15:12

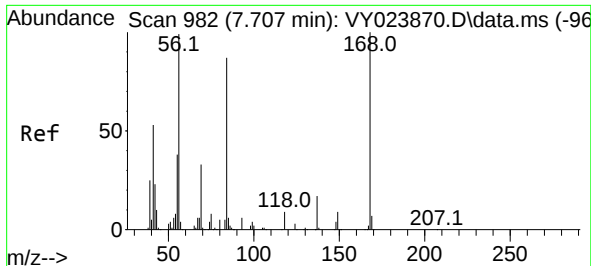
Tgt Ion: 83 Resp: 1004227

Ion Ratio Lower Upper

83 100

85 64.3 50.6 76.0

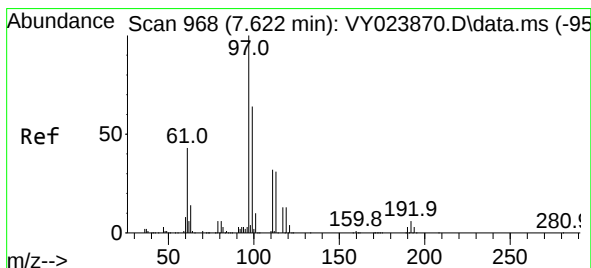
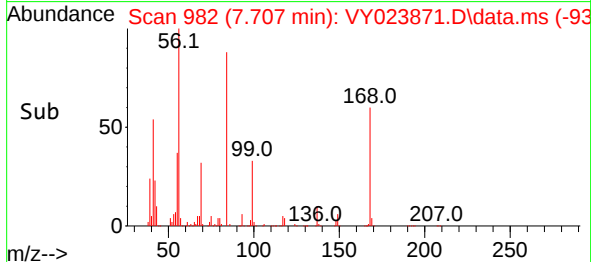
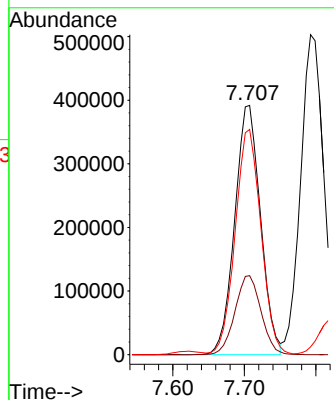
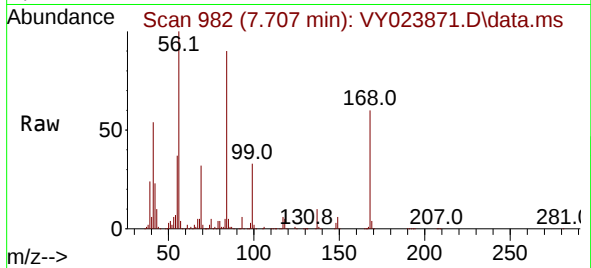




#31
Cyclohexane
Concen: 96.294 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

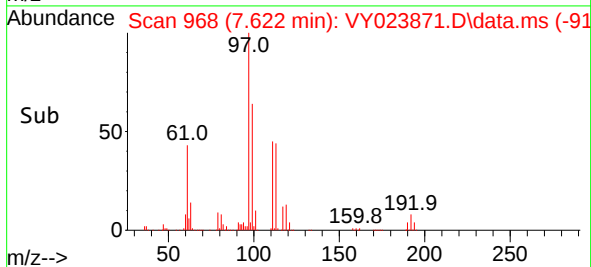
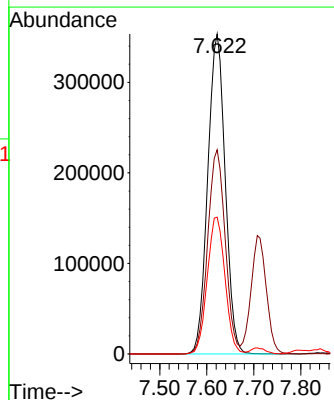
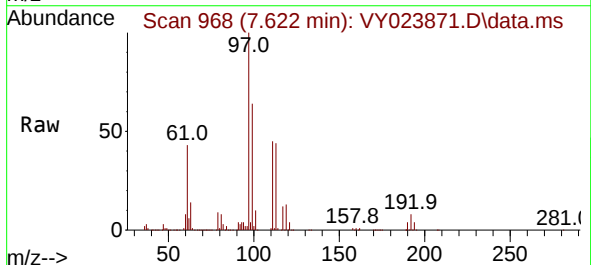
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

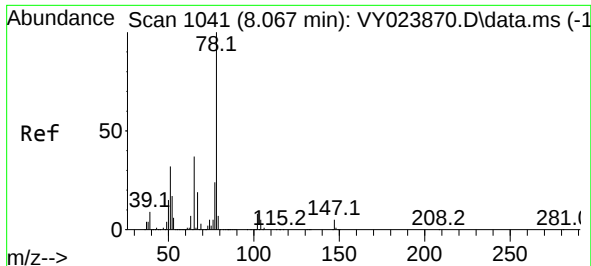
Tgt Ion: 56 Resp: 983287
Ion Ratio Lower Upper
56 100
69 31.7 26.8 40.2
84 89.1 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 93.521 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

Tgt Ion: 97 Resp: 911074
Ion Ratio Lower Upper
97 100
99 64.2 51.2 76.8
61 43.5 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 110.230 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VY023871.D

Acq: 03 Dec 2025 15:12

Instrument :

MSVOA_Y

ClientSampleId :

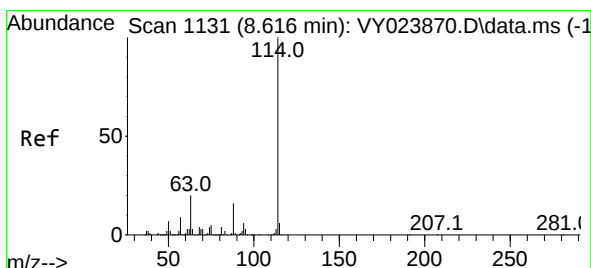
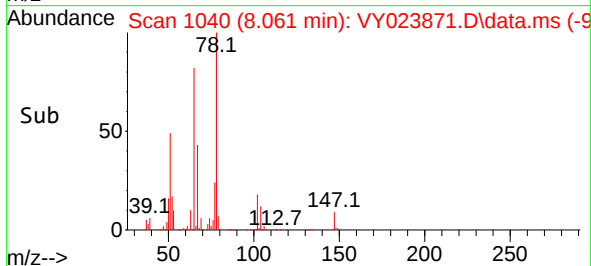
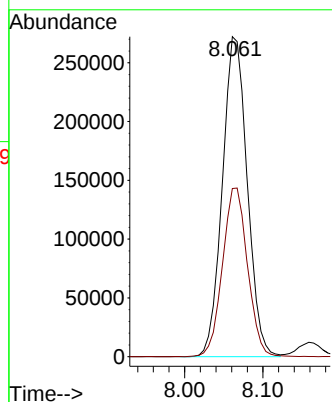
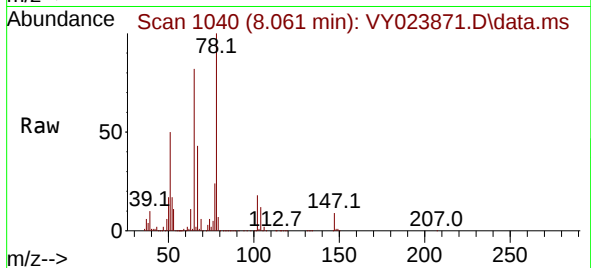
VSTDIC100

Tgt Ion: 65 Resp: 601016

Ion Ratio Lower Upper

65 100

67 53.1 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY023871.D

Acq: 03 Dec 2025 15:12

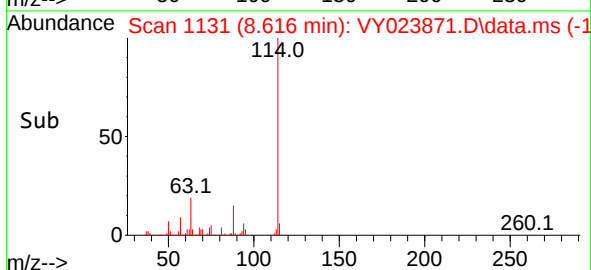
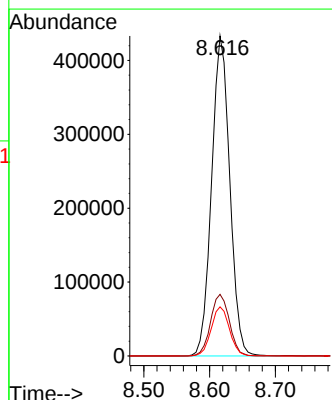
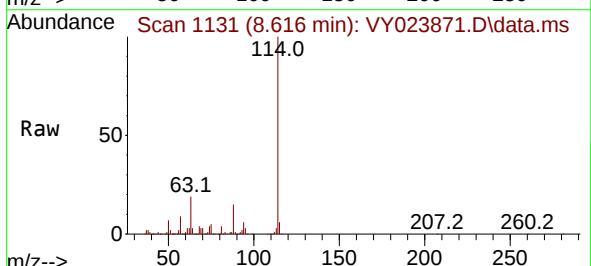
Tgt Ion:114 Resp: 833577

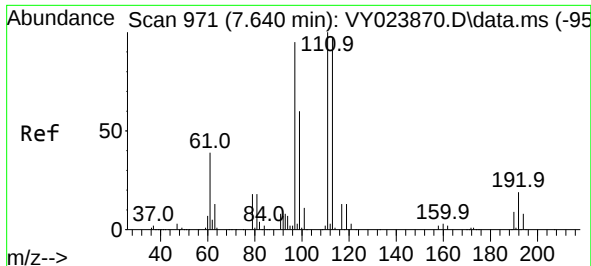
Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.2

88 15.4 0.0 31.4

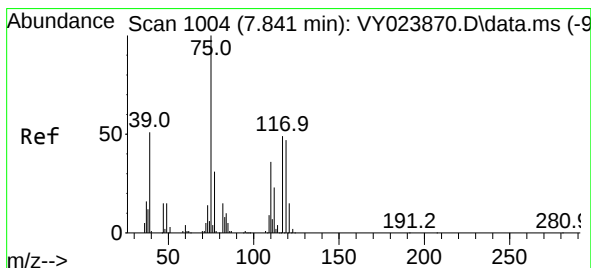
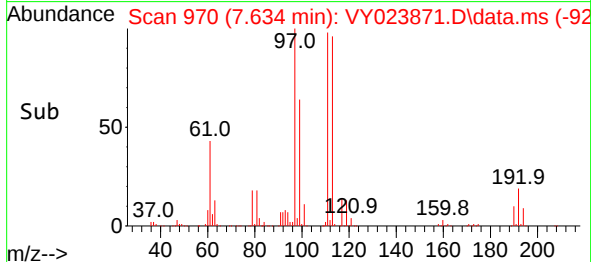
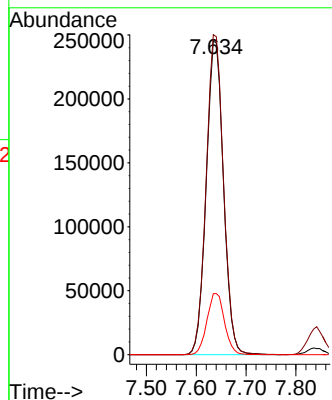
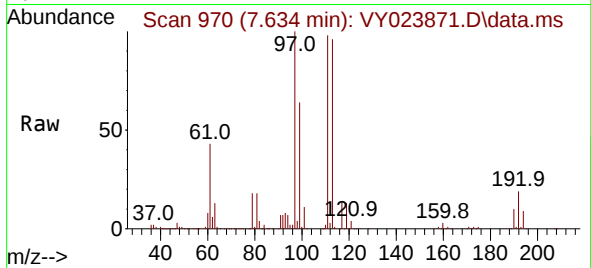




#35
Dibromofluoromethane
Concen: 110.127 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

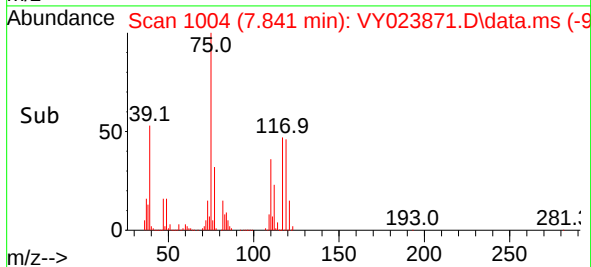
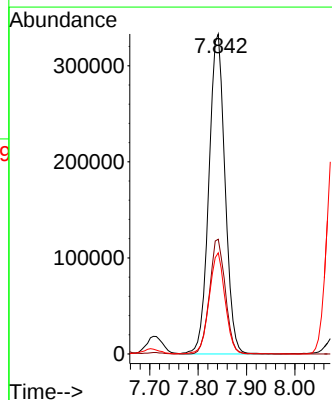
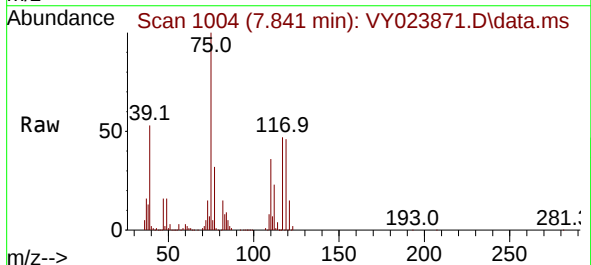
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

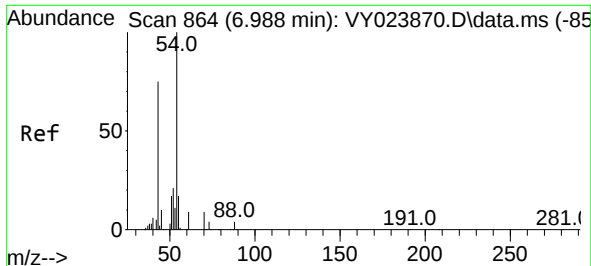
Tgt Ion:113 Resp: 588775
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 19.9 15.8 23.8



#36
1,1-Dichloropropene
Concen: 97.810 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

Tgt Ion: 75 Resp: 771073
Ion Ratio Lower Upper
75 100
110 35.2 17.6 52.9
77 31.1 24.6 37.0





#37

Ethyl Acetate

Concen: 104.075 ug/l

RT: 6.988 min Scan# 864

Delta R.T. 0.000 min

Lab File: VY023871.D

Acq: 03 Dec 2025 15:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

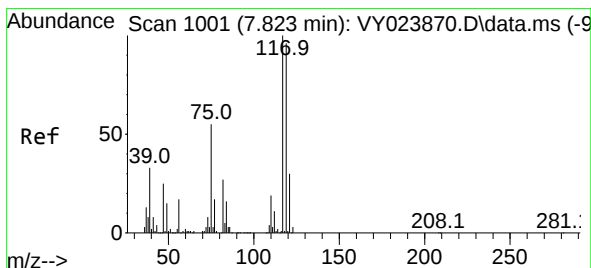
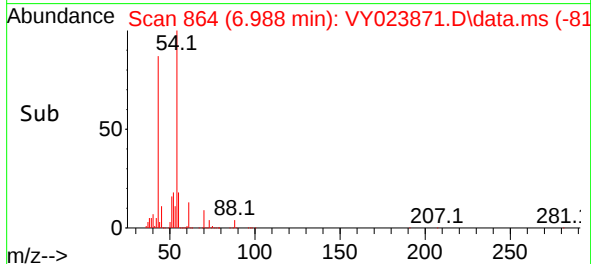
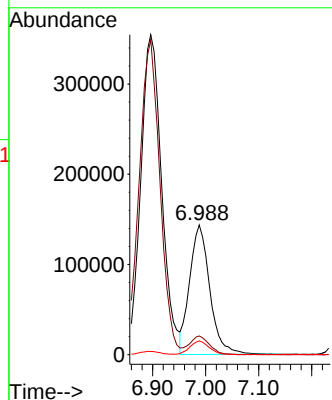
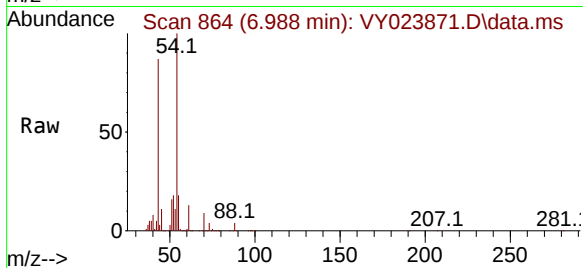
Tgt Ion: 43 Resp: 378867

Ion Ratio Lower Upper

43 100

61 13.7 11.0 16.4

70 10.0 8.1 12.1



#38

Carbon Tetrachloride

Concen: 95.236 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VY023871.D

Acq: 03 Dec 2025 15:12

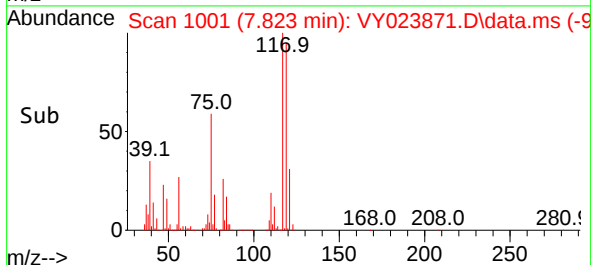
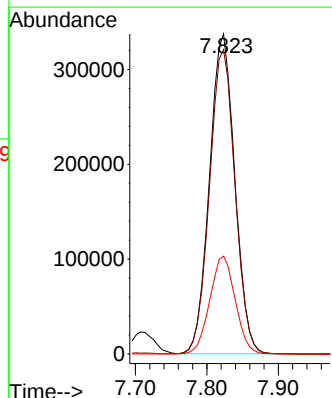
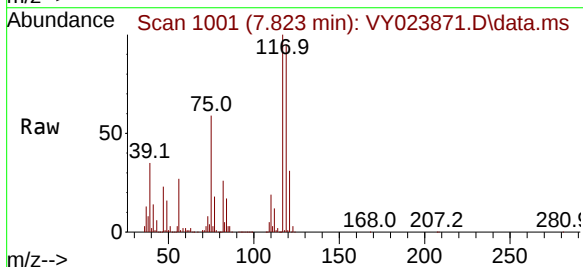
Tgt Ion: 117 Resp: 828616

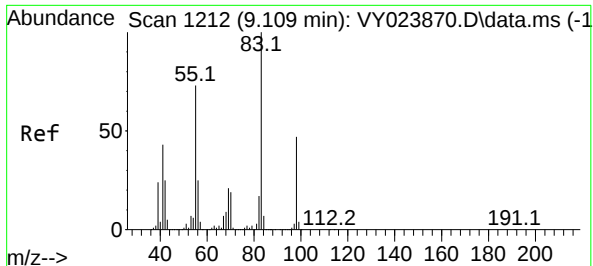
Ion Ratio Lower Upper

117 100

119 95.1 77.0 115.6

121 30.5 23.9 35.9





#39

Methylcyclohexane

Concen: 103.486 ug/l

RT: 9.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023871.D

Acq: 03 Dec 2025 15:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

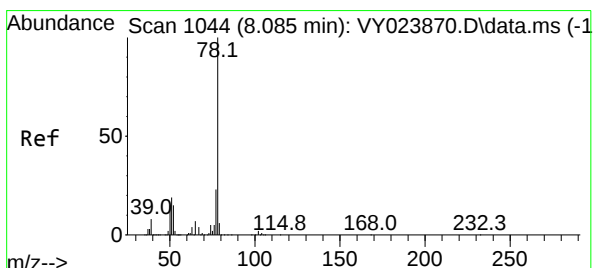
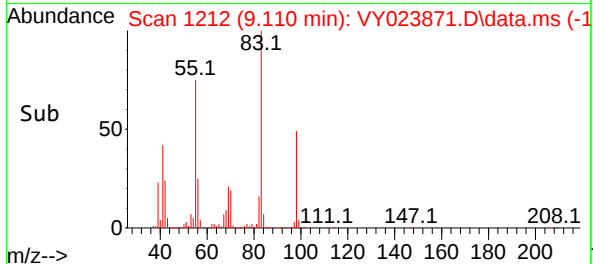
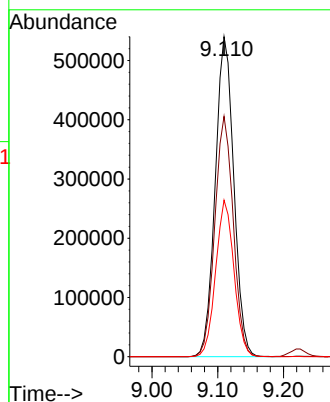
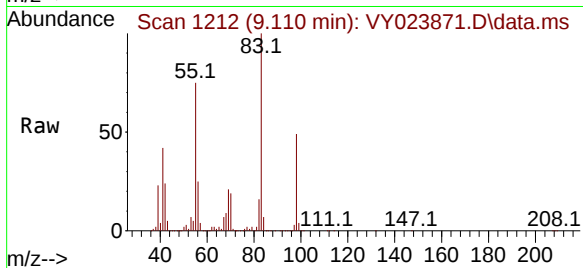
Tgt Ion: 83 Resp: 1061933

Ion Ratio Lower Upper

83 100

55 75.1 58.8 88.2

98 48.9 37.8 56.6



#40

Benzene

Concen: 96.295 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VY023871.D

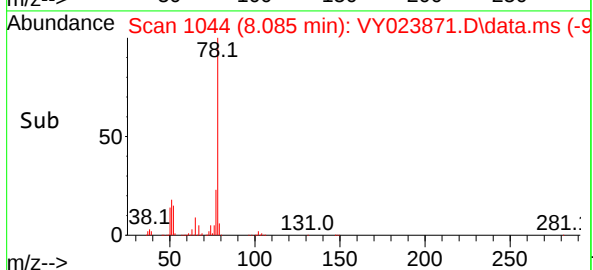
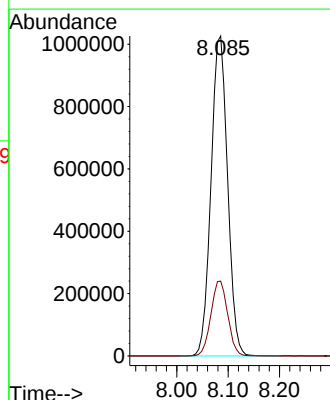
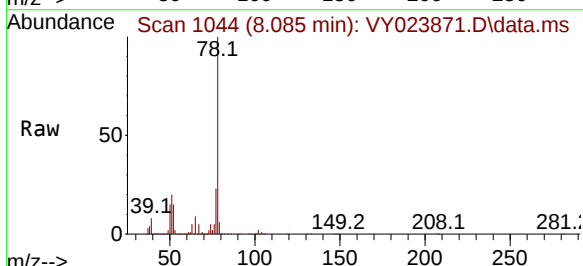
Acq: 03 Dec 2025 15:12

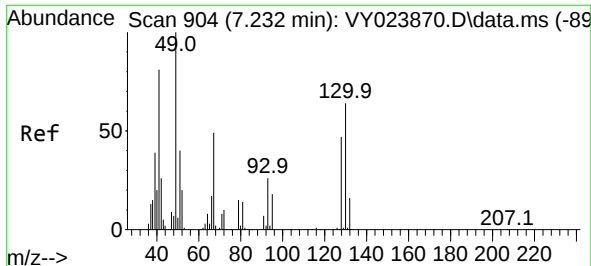
Tgt Ion: 78 Resp: 2294551

Ion Ratio Lower Upper

78 100

77 23.4 18.6 28.0

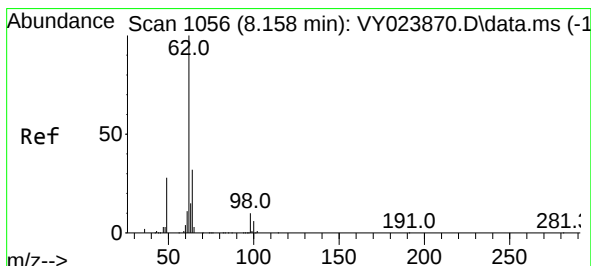
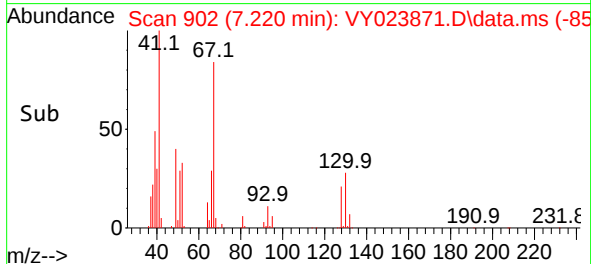
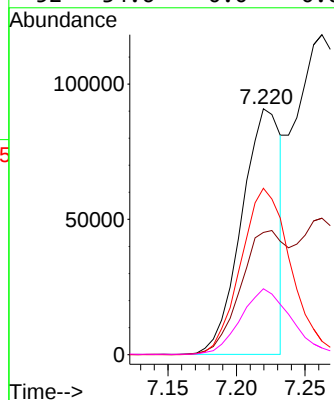
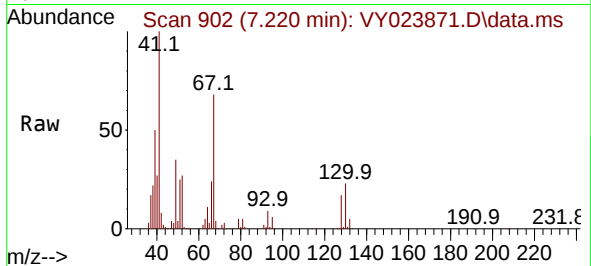




#41
Methacrylonitrile
Concen: 96.001 ug/l
RT: 7.220 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

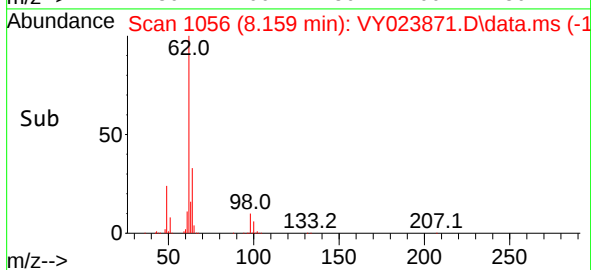
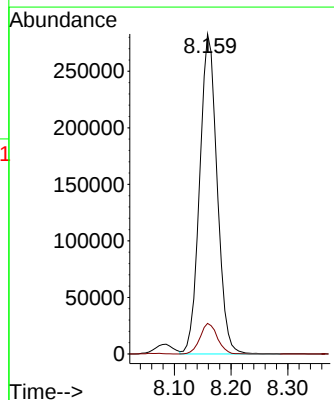
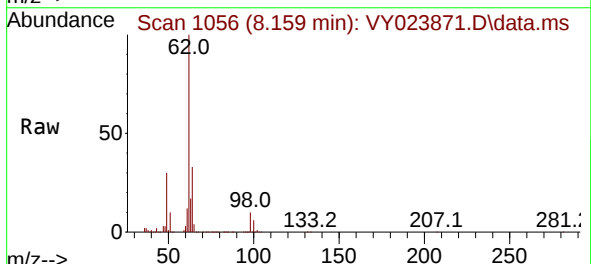
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

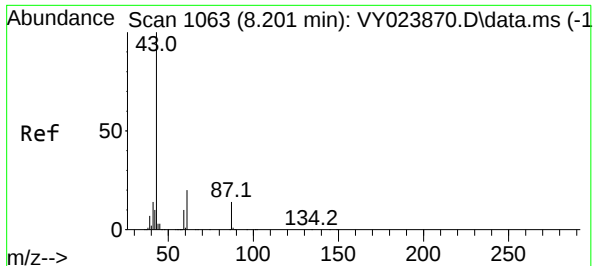
Tgt Ion: 41 Resp: 180184
Ion Ratio Lower Upper
41 100
39 60.2 49.4 74.2
67 87.6 0.0 0.0#
52 34.6 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 97.265 ug/l
RT: 8.159 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

Tgt Ion: 62 Resp: 604794
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.2

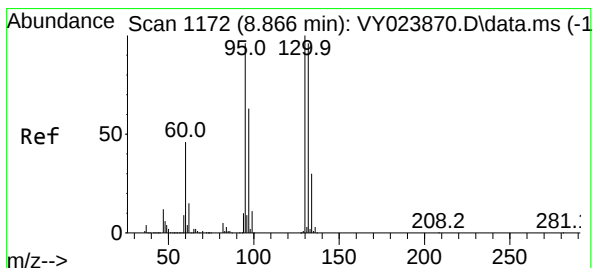
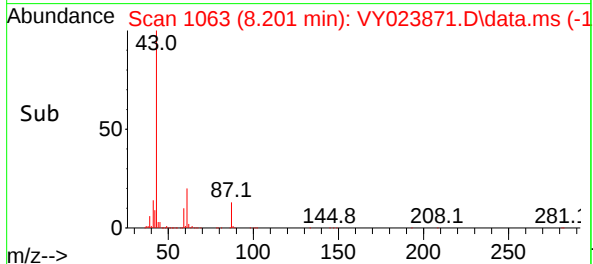
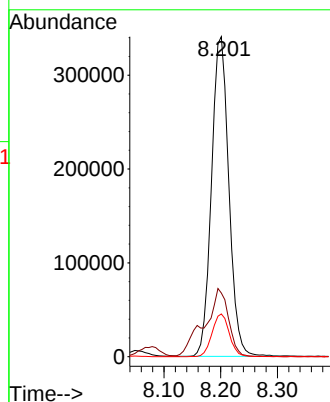
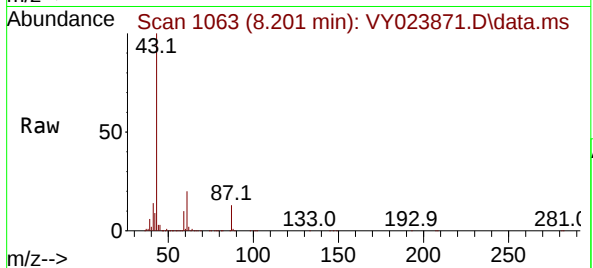




#43
Isopropyl Acetate
Concen: 106.254 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

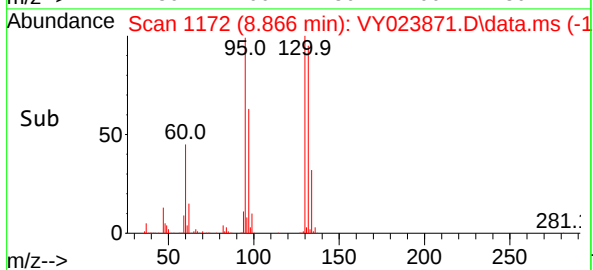
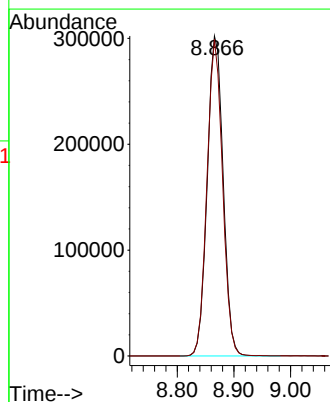
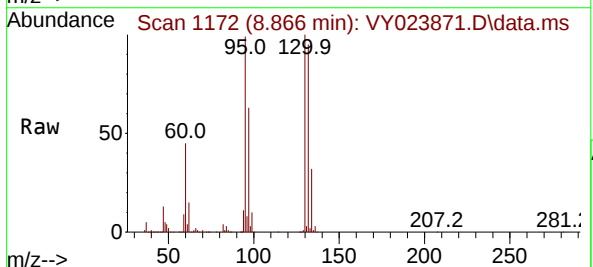
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

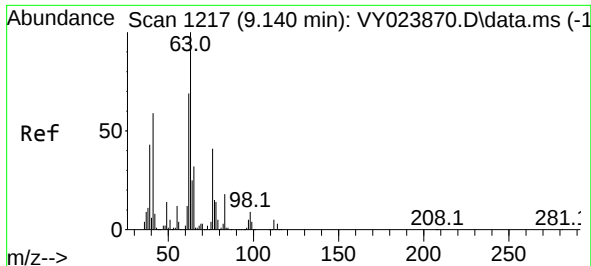
Tgt Ion: 43 Resp: 723696
Ion Ratio Lower Upper
43 100
61 29.7 24.2 36.4
87 13.3 11.0 16.4



#44
Trichloroethene
Concen: 96.193 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

Tgt Ion:130 Resp: 589778
Ion Ratio Lower Upper
130 100
95 98.9 0.0 192.4





#45

1,2-Dichloropropane

Concen: 97.105 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023871.D

Acq: 03 Dec 2025 15:12

Instrument :

MSVOA_Y

ClientSampleId :

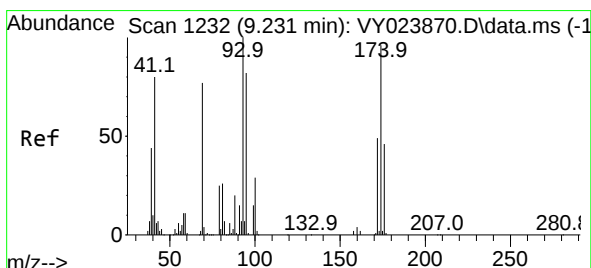
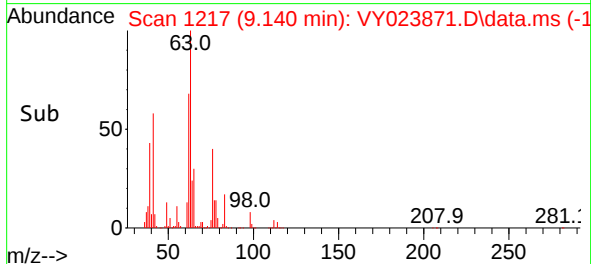
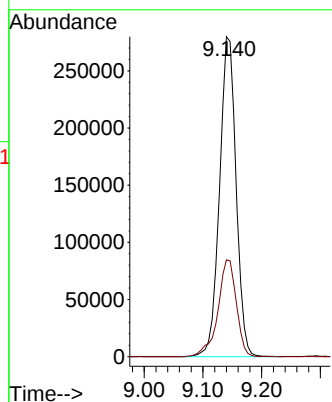
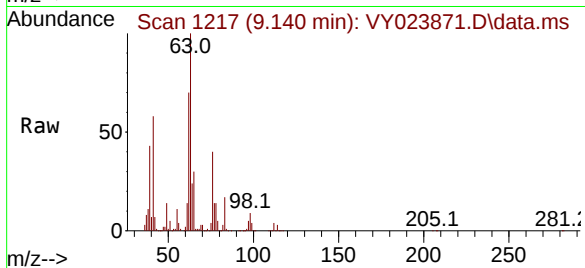
VSTDIC100

Tgt Ion: 63 Resp: 547865

Ion Ratio Lower Upper

63 100

65 30.2 25.6 38.4



#46

Dibromomethane

Concen: 97.833 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY023871.D

Acq: 03 Dec 2025 15:12

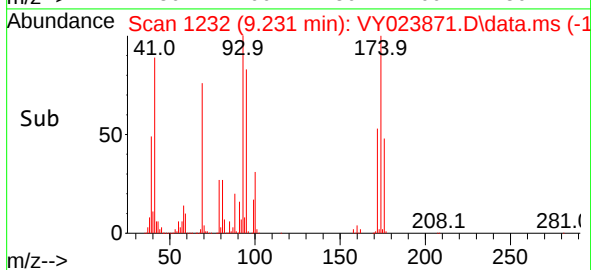
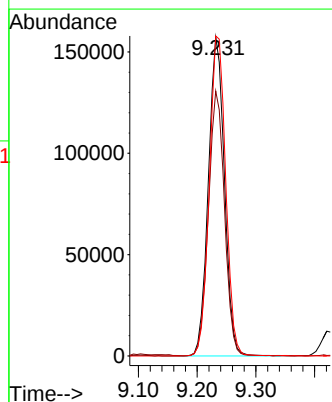
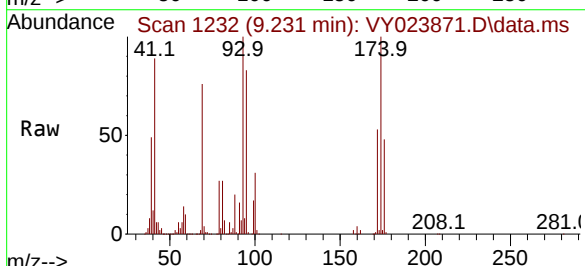
Tgt Ion: 93 Resp: 298833

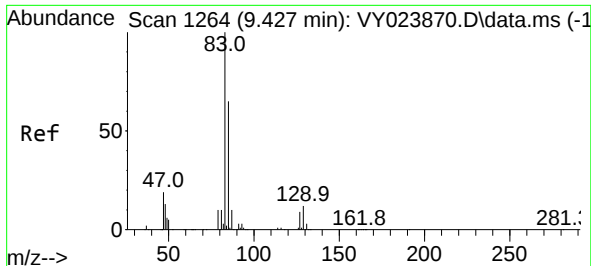
Ion Ratio Lower Upper

93 100

95 83.0 66.4 99.6

174 102.3 81.4 122.0

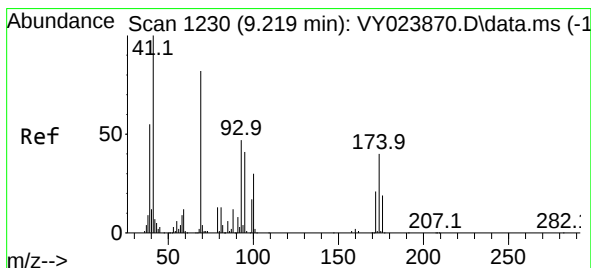
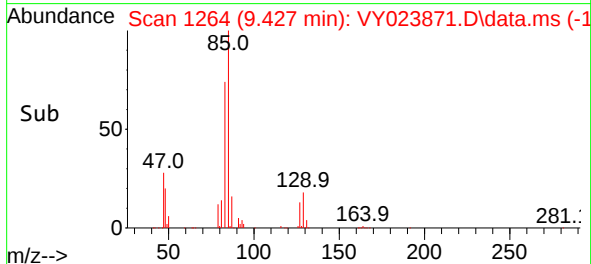
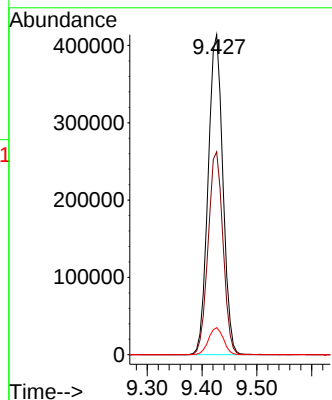
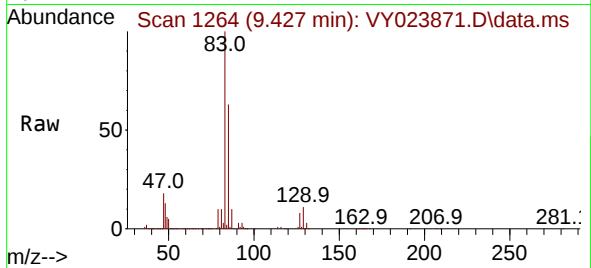




#47
Bromodichloromethane
Concen: 95.566 ug/l
RT: 9.427 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

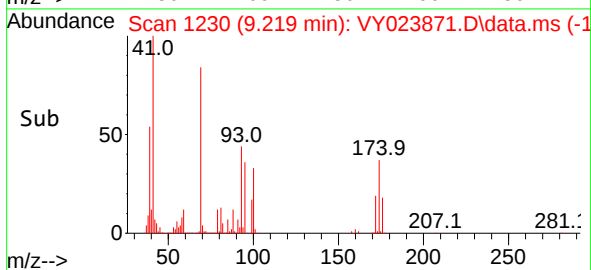
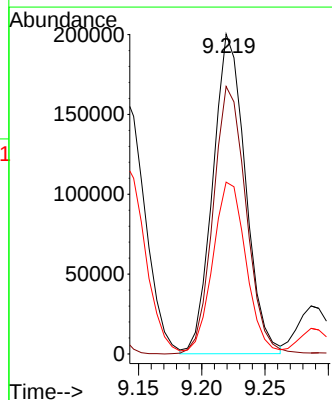
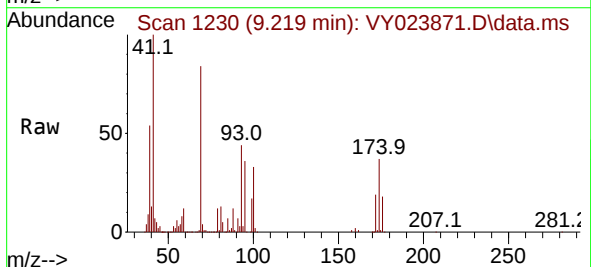
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

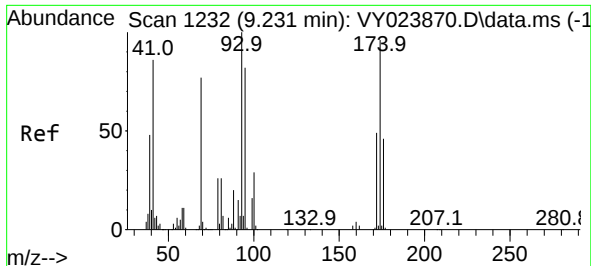
Tgt Ion: 83 Resp: 770127
Ion Ratio Lower Upper
83 100
85 63.4 51.6 77.4
127 8.5 7.2 10.8



#48
Methyl methacrylate
Concen: 112.496 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

Tgt Ion: 41 Resp: 357957
Ion Ratio Lower Upper
41 100
69 85.1 67.7 101.5
39 53.1 43.4 65.0





#49

1,4-Dioxane

Concen: 2097.609 ug/l

RT: 9.225 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY023871.D

Acq: 03 Dec 2025 15:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

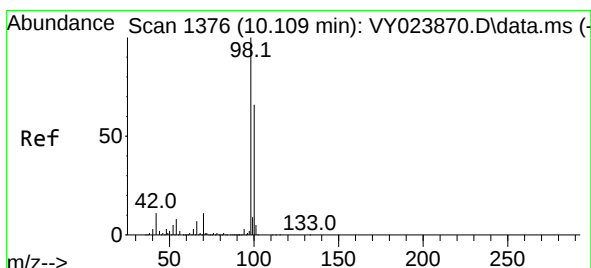
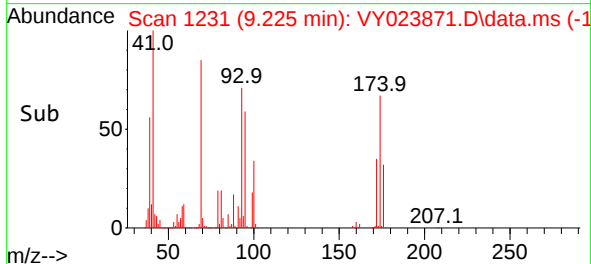
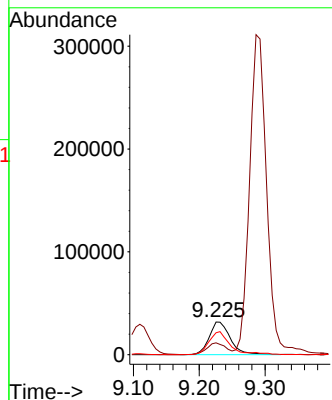
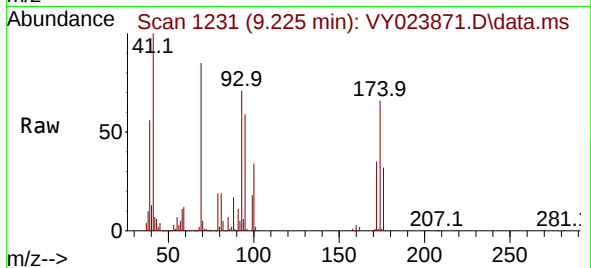
Tgt Ion: 88 Resp: 71242

Ion Ratio Lower Upper

88 100

43 31.3 26.8 40.2

58 71.8 52.4 78.6



#50

Toluene-d8

Concen: 110.234 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY023871.D

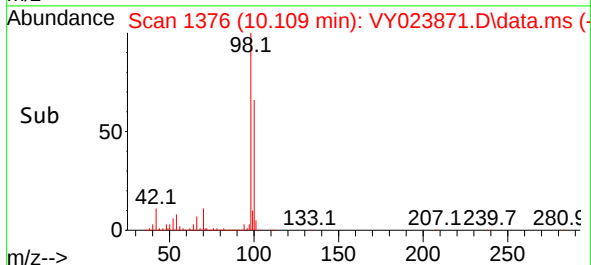
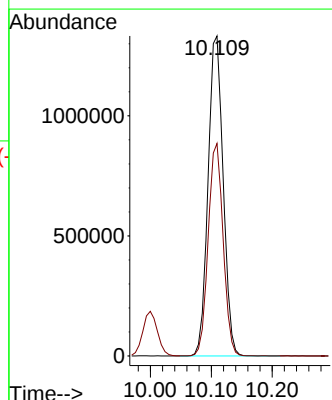
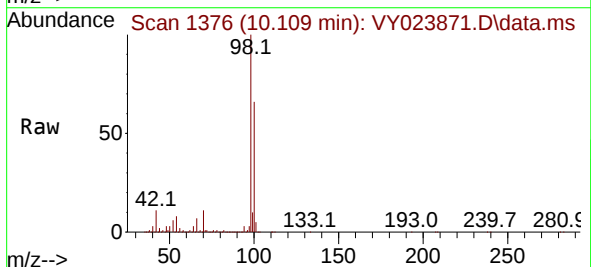
Acq: 03 Dec 2025 15:12

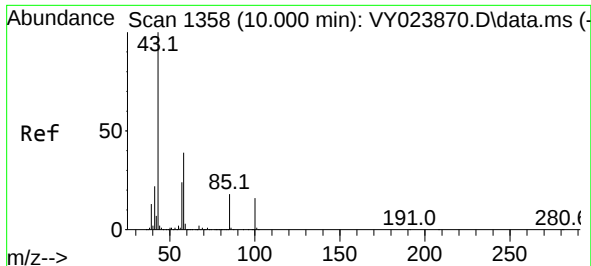
Tgt Ion: 98 Resp: 2293388

Ion Ratio Lower Upper

98 100

100 65.6 52.5 78.7

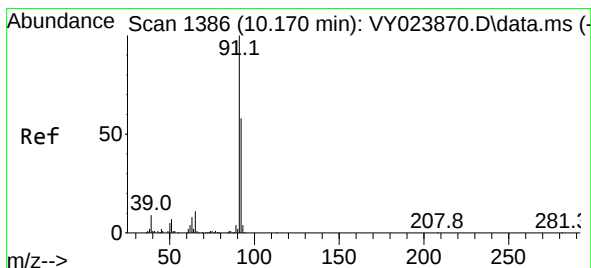
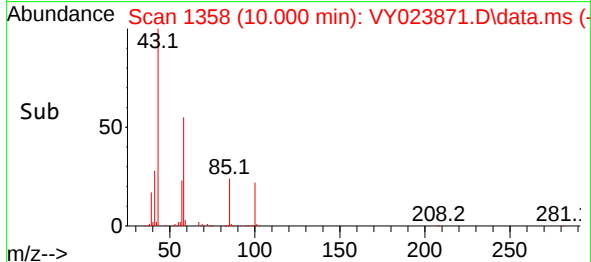
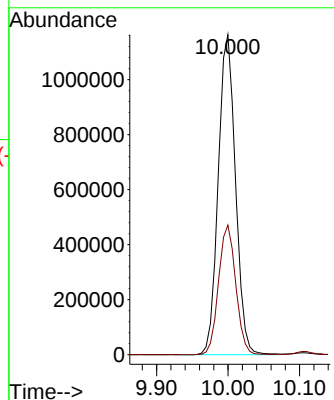
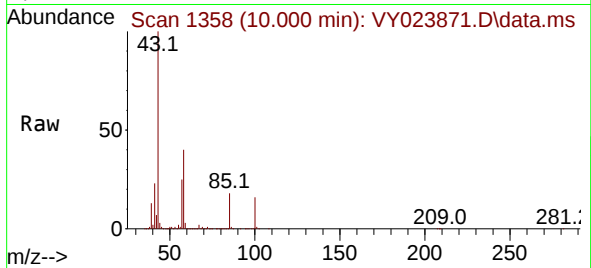




#51
4-Methyl-2-Pentanone
Concen: 543.335 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

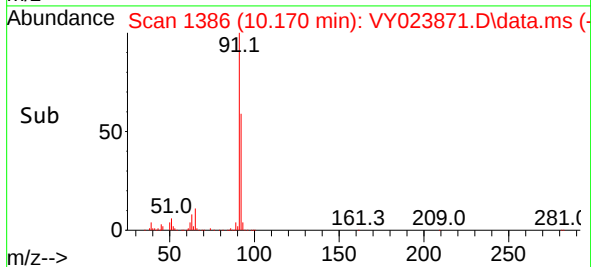
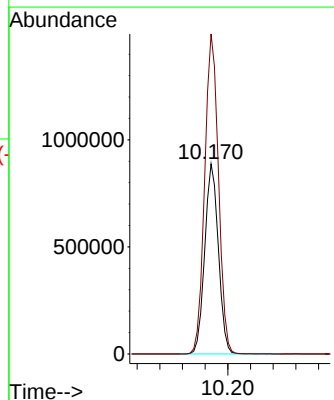
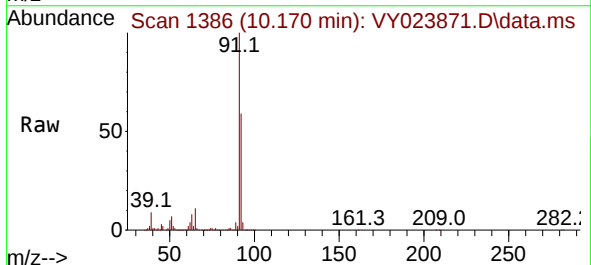
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

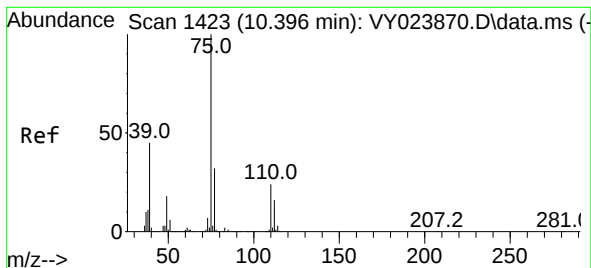
Tgt Ion: 43 Resp: 1945943
Ion Ratio Lower Upper
43 100
58 40.4 31.8 47.8



#52
Toluene
Concen: 99.082 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

Tgt Ion: 92 Resp: 1478487
Ion Ratio Lower Upper
92 100
91 170.3 137.3 205.9

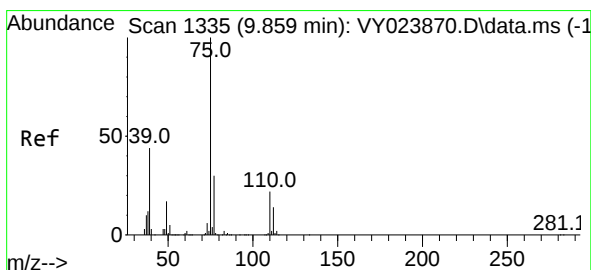
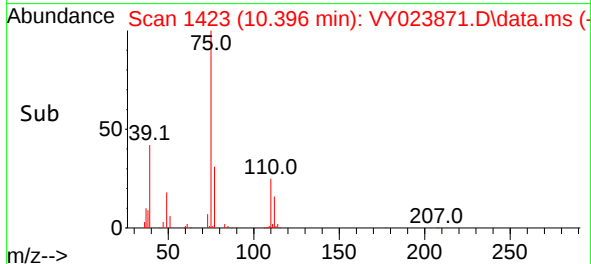
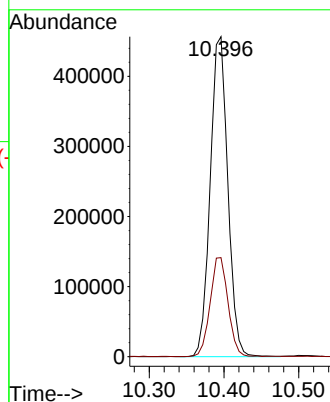
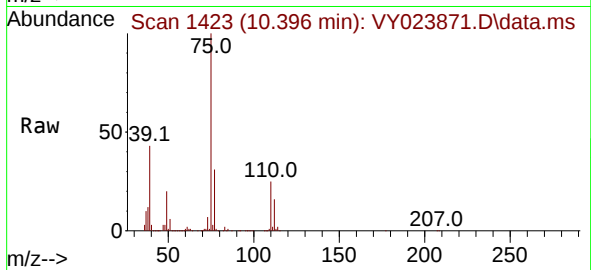




#53
 t-1,3-Dichloropropene
 Concen: 102.981 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY023871.D
 Acq: 03 Dec 2025 15:12

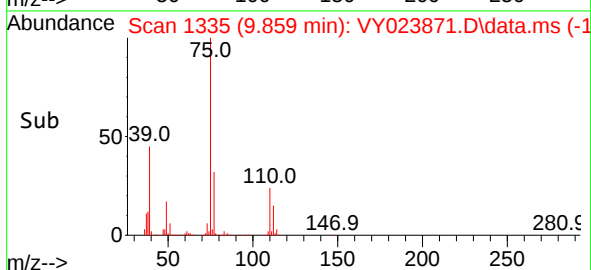
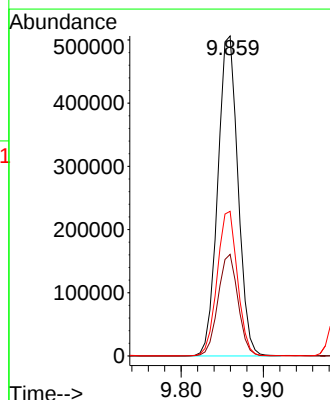
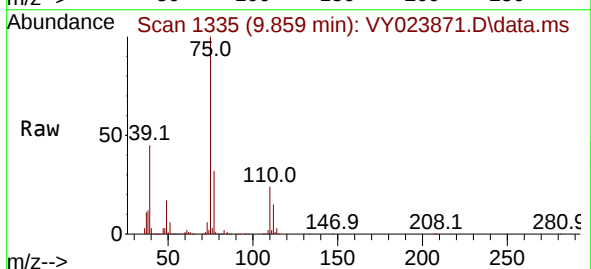
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

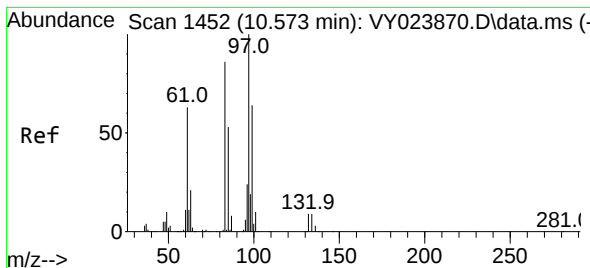
Tgt Ion: 75 Resp: 749005
 Ion Ratio Lower Upper
 75 100
 77 30.9 26.0 39.0



#54
 cis-1,3-Dichloropropene
 Concen: 100.764 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY023871.D
 Acq: 03 Dec 2025 15:12

Tgt Ion: 75 Resp: 863024
 Ion Ratio Lower Upper
 75 100
 77 31.7 23.8 35.6
 39 45.2 35.5 53.3



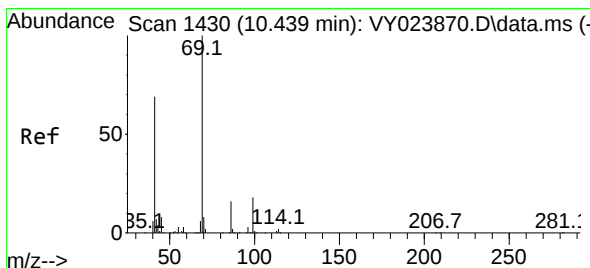
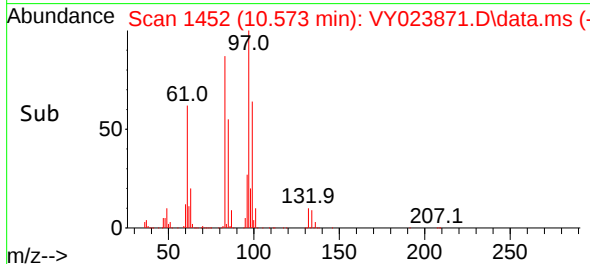
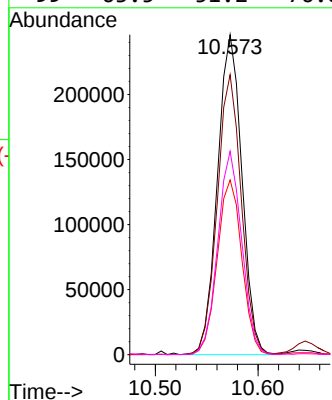
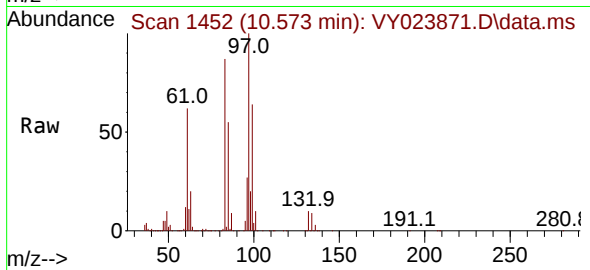


#55
1,1,2-Trichloroethane
Concen: 98.637 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 97 Resp: 406702

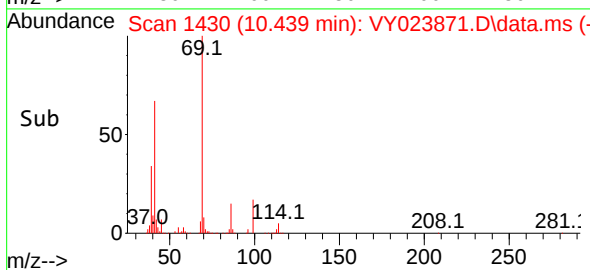
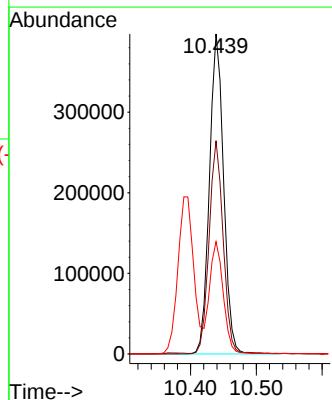
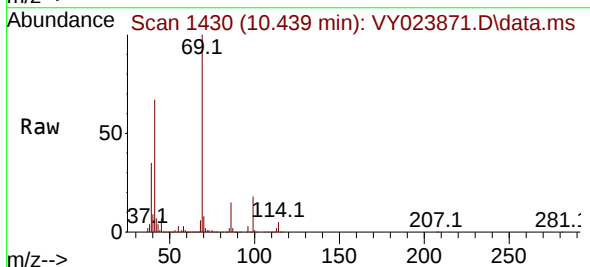
Ion	Ratio	Lower	Upper
97	100		
83	87.4	69.0	103.4
85	54.6	42.6	63.8
99	63.5	51.2	76.8

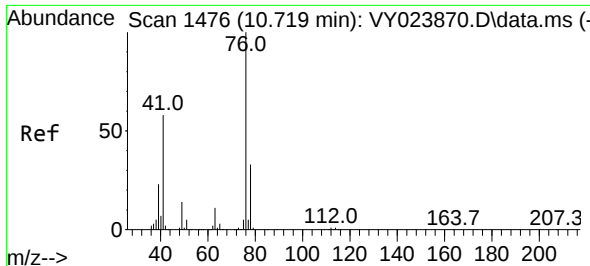


#56
Ethyl methacrylate
Concen: 95.141 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

Tgt Ion: 69 Resp: 597305

Ion	Ratio	Lower	Upper
69	100		
41	65.4	52.5	78.7
39	33.2	27.1	40.7





#57

1,3-Dichloropropane

Concen: 99.305 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY023871.D

Acq: 03 Dec 2025 15:12

Instrument :

MSVOA_Y

ClientSampleId :

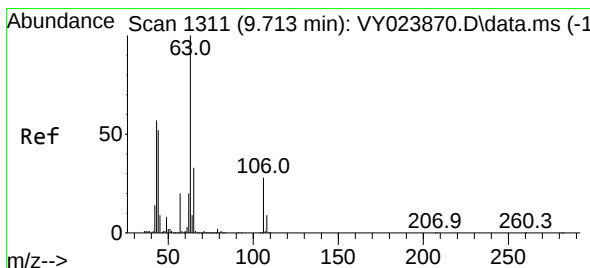
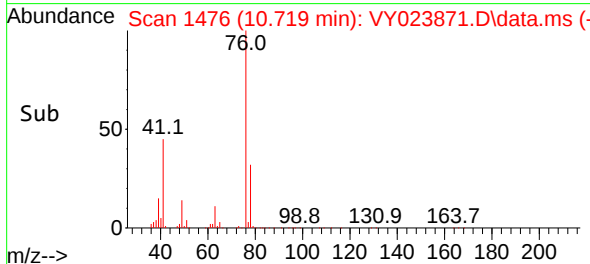
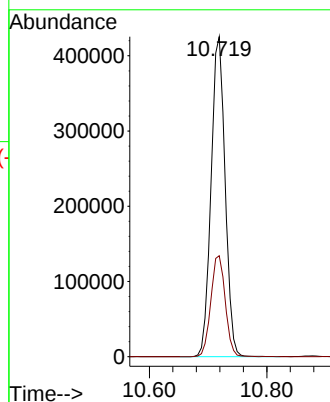
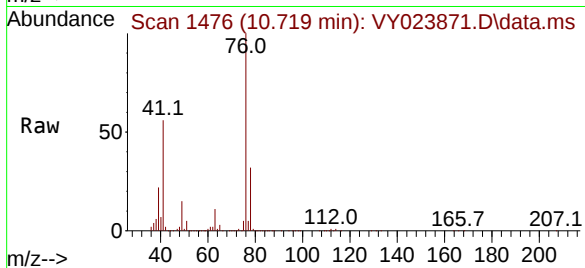
VSTDIC100

Tgt Ion: 76 Resp: 705243

Ion Ratio Lower Upper

76 100

78 32.4 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 475.100 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY023871.D

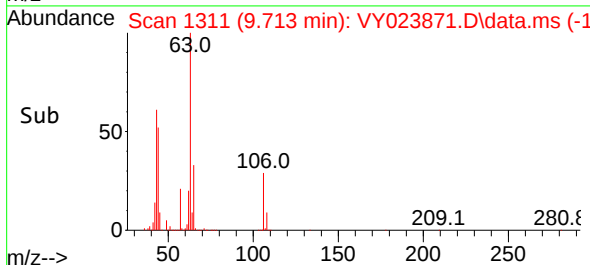
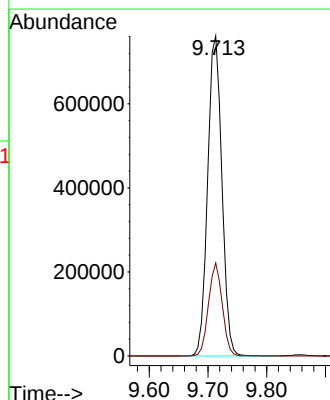
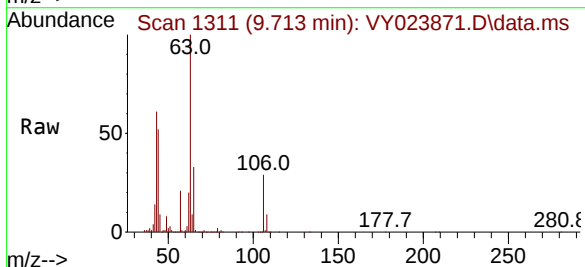
Acq: 03 Dec 2025 15:12

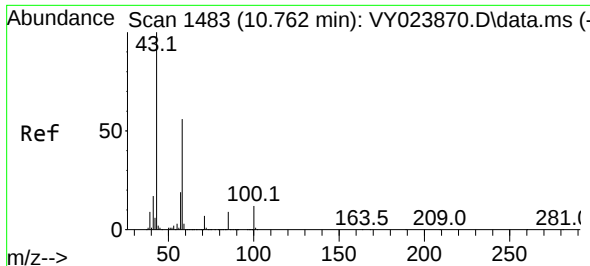
Tgt Ion: 63 Resp: 1280440

Ion Ratio Lower Upper

63 100

106 28.1 22.5 33.7

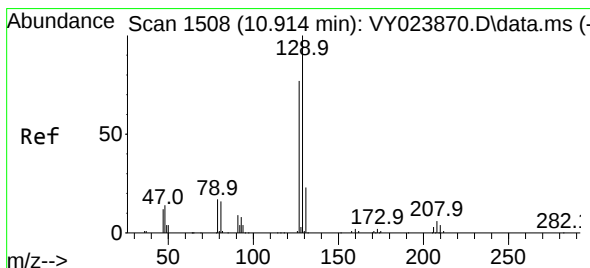
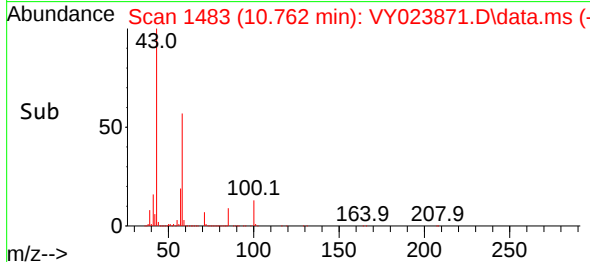
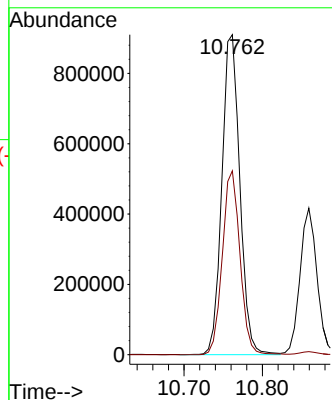
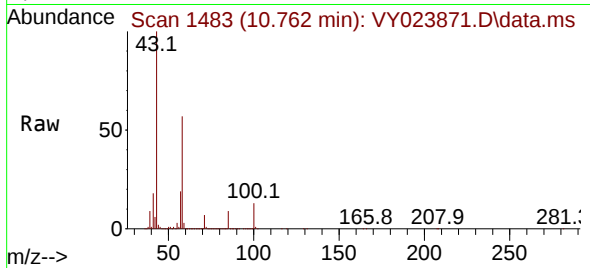




#59
2-Hexanone
Concen: 537.484 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

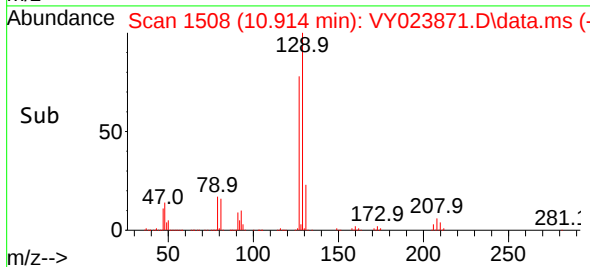
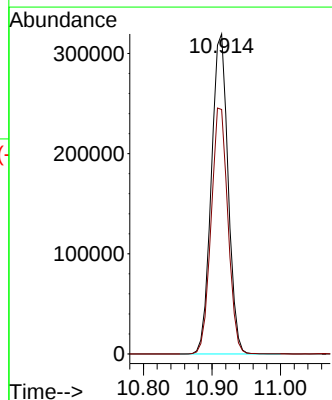
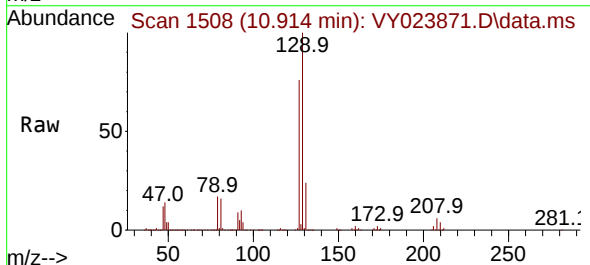
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

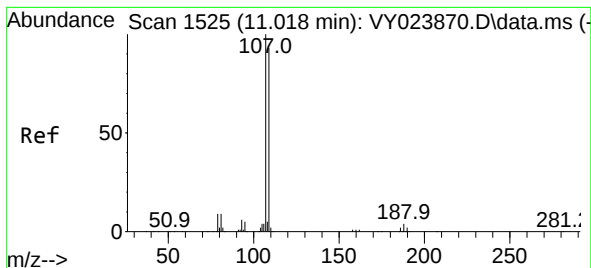
Tgt Ion: 43 Resp: 1451826
Ion Ratio Lower Upper
43 100
58 56.5 27.7 83.1



#60
Dibromochloromethane
Concen: 98.205 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

Tgt Ion: 129 Resp: 542962
Ion Ratio Lower Upper
129 100
127 76.9 38.0 114.0

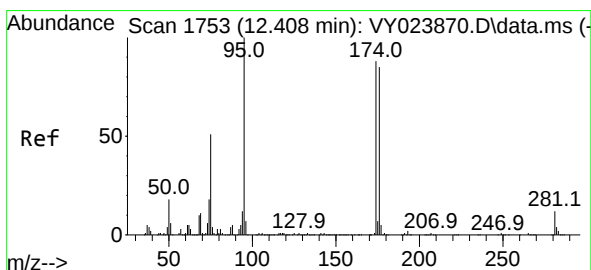
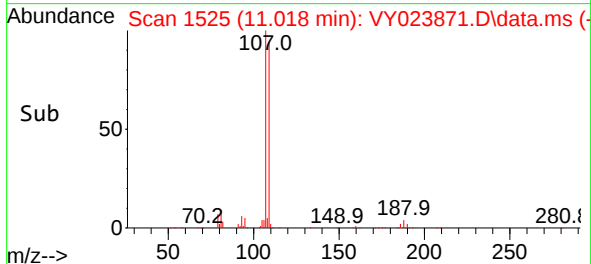
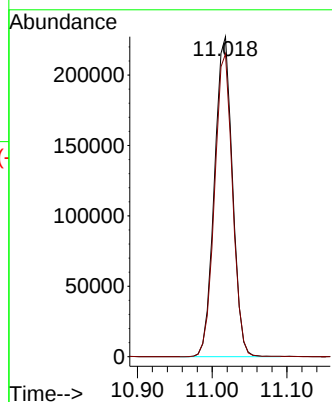
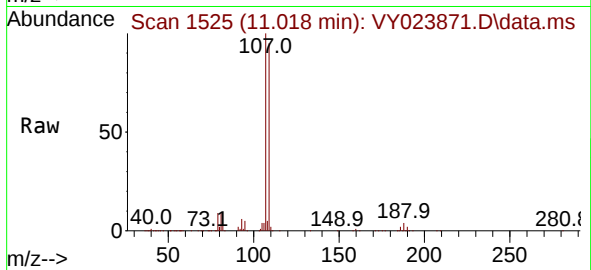




#61
1,2-Dibromoethane
Concen: 101.072 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

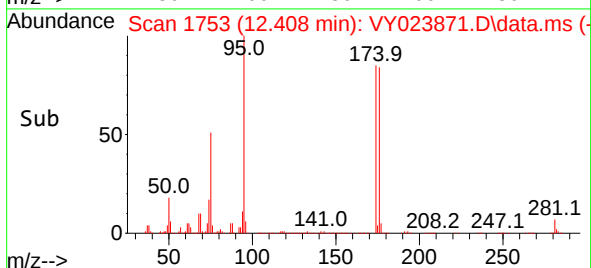
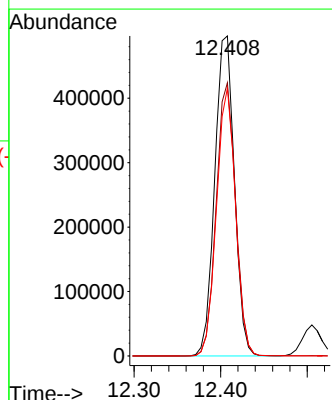
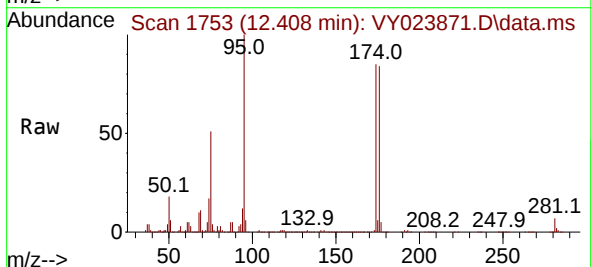
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

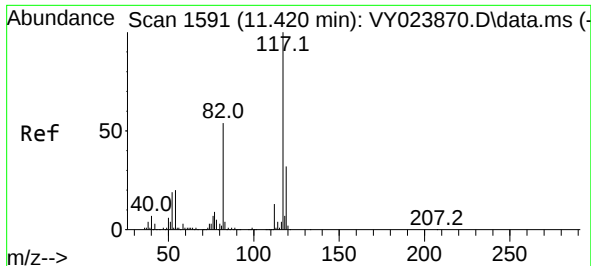
Tgt Ion:107 Resp: 379799
Ion Ratio Lower Upper
107 100
109 94.3 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 110.362 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

Tgt Ion: 95 Resp: 783133
Ion Ratio Lower Upper
95 100
174 84.2 0.0 169.6
176 81.2 0.0 164.4

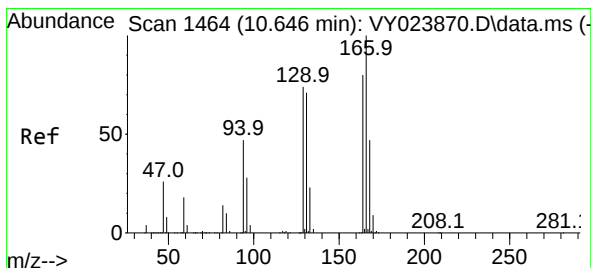
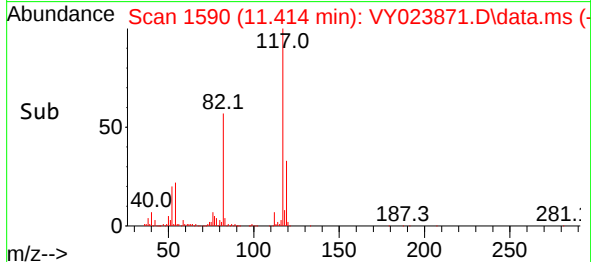
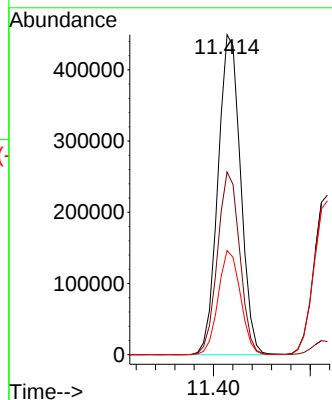
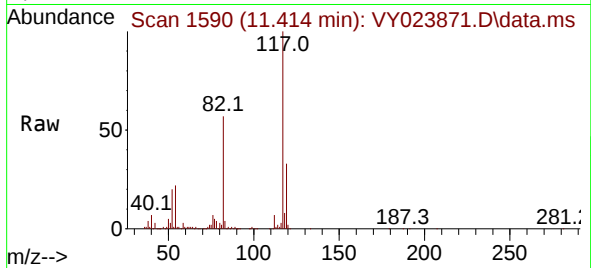




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

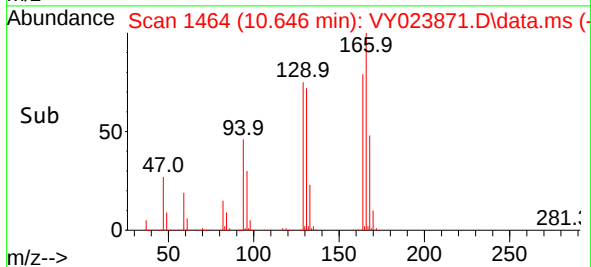
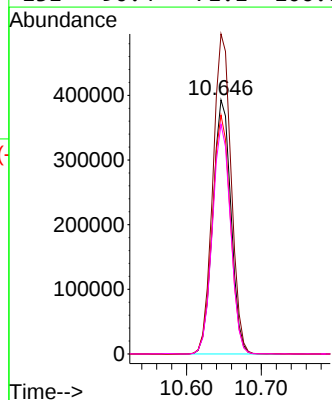
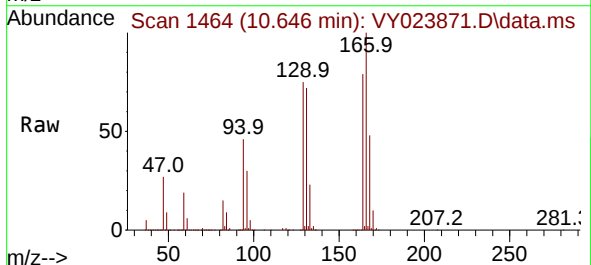
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

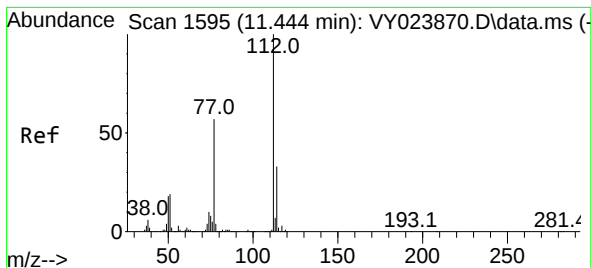
Tgt Ion:117 Resp: 727751
Ion Ratio Lower Upper
117 100
82 57.1 43.1 64.7
119 32.5 26.0 39.0



#64
Tetrachloroethene
Concen: 92.984 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

Tgt Ion:164 Resp: 662205
Ion Ratio Lower Upper
164 100
166 125.9 100.2 150.4
129 94.0 74.4 111.6
131 90.4 71.1 106.7

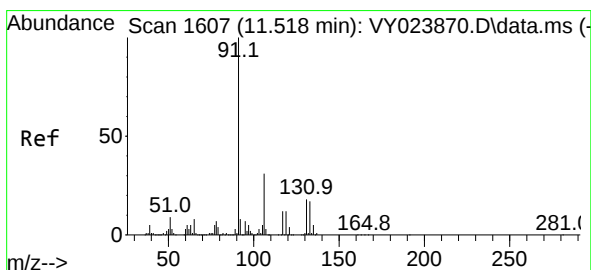
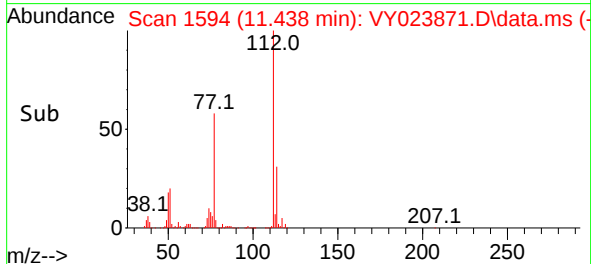
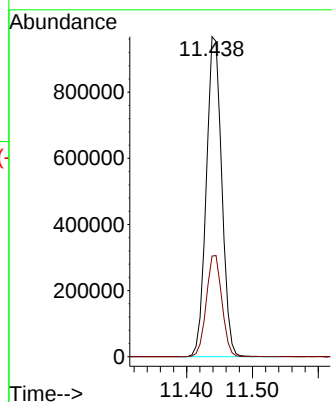
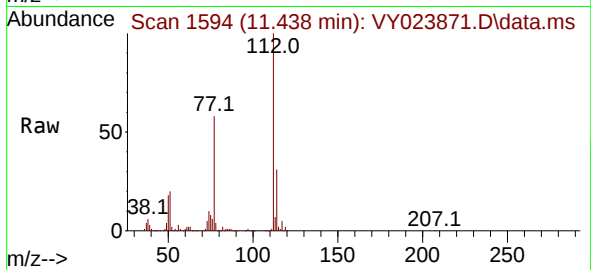




#65
Chlorobenzene
Concen: 95.188 ug/l
RT: 11.438 min Scan# 1159
Delta R.T. -0.006 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

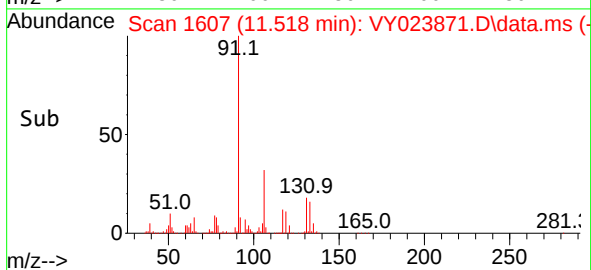
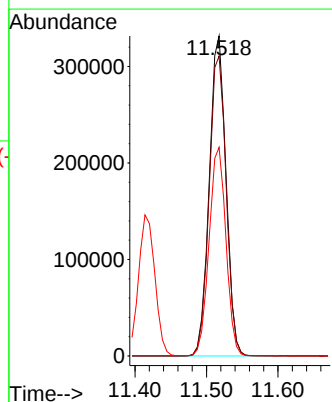
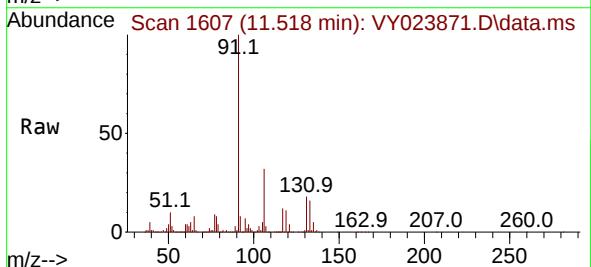
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

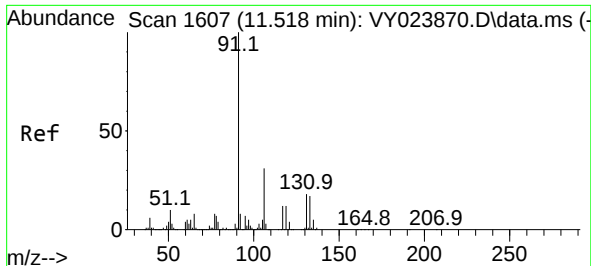
Tgt Ion:112 Resp: 1581124
Ion Ratio Lower Upper
112 100
114 31.5 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 94.984 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

Tgt Ion:131 Resp: 538308
Ion Ratio Lower Upper
131 100
133 95.5 47.7 143.1
119 65.8 32.5 97.4





#67

Ethyl Benzene

Concen: 99.287 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY023871.D

Acq: 03 Dec 2025 15:12

Instrument :

MSVOA_Y

ClientSampleId :

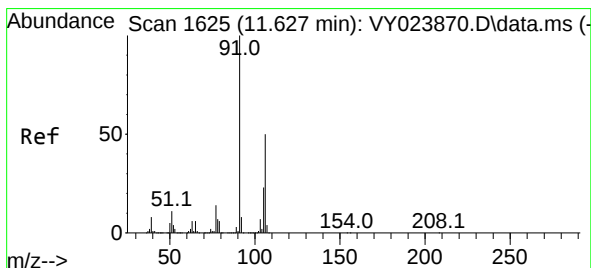
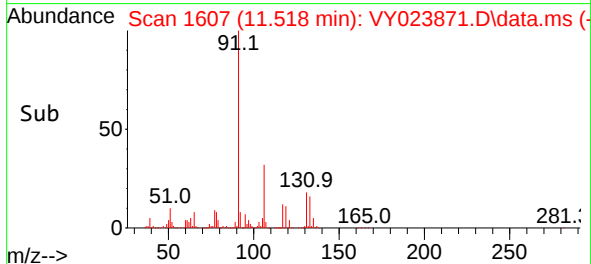
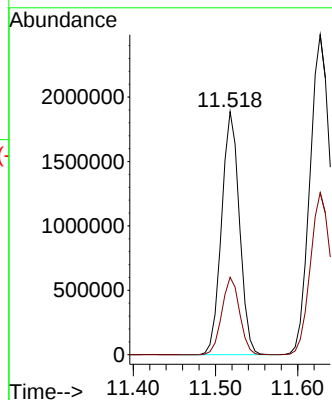
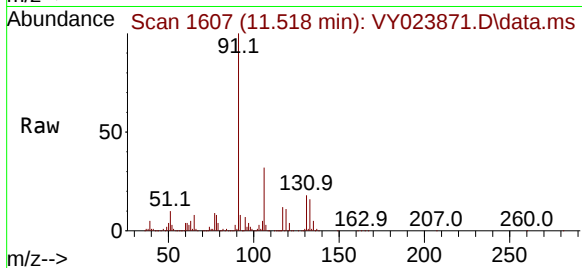
VSTDIC100

Tgt Ion: 91 Resp: 2851156

Ion Ratio Lower Upper

91 100

106 31.9 25.0 37.6



#68

m/p-Xylenes

Concen: 198.786 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY023871.D

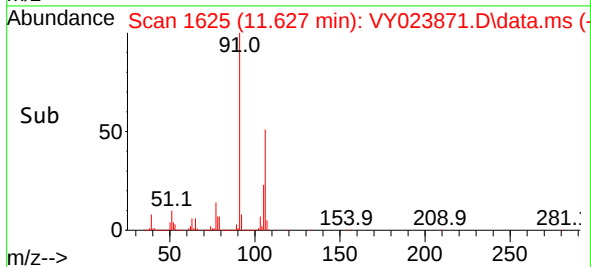
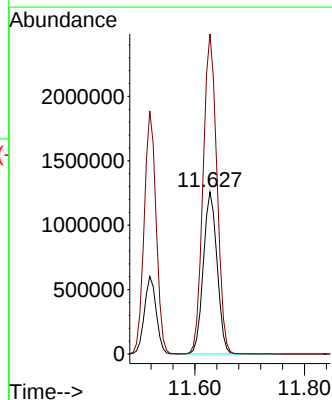
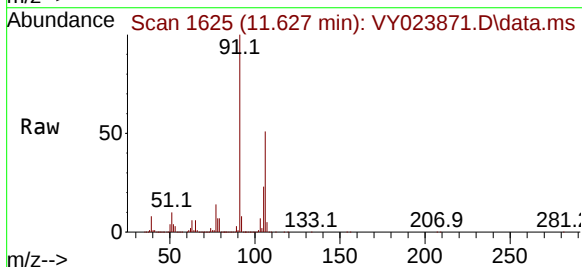
Acq: 03 Dec 2025 15:12

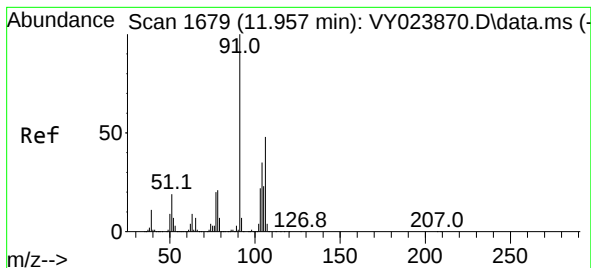
Tgt Ion:106 Resp: 2181866

Ion Ratio Lower Upper

106 100

91 198.9 159.7 239.5

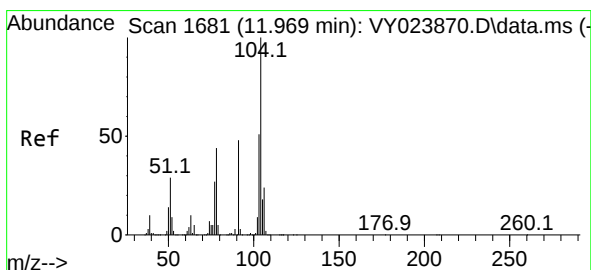
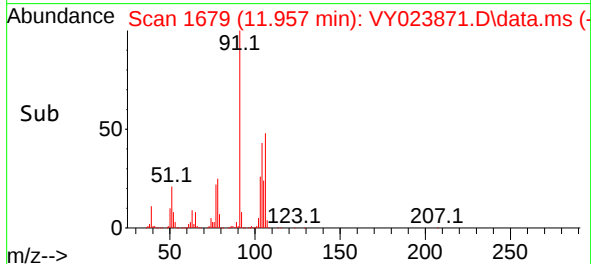
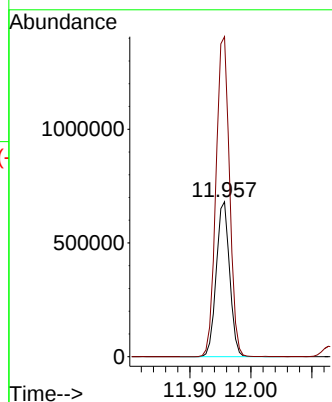
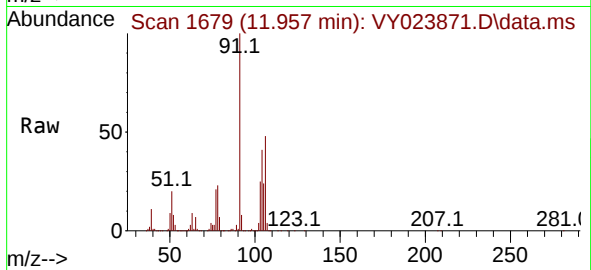




#69
o-Xylene
Concen: 100.791 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

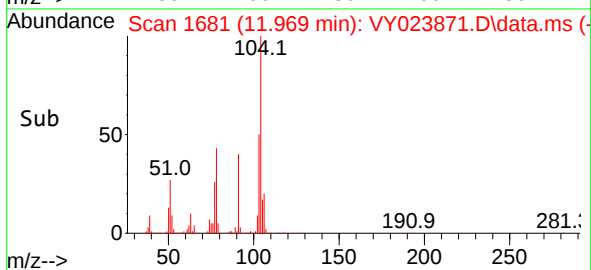
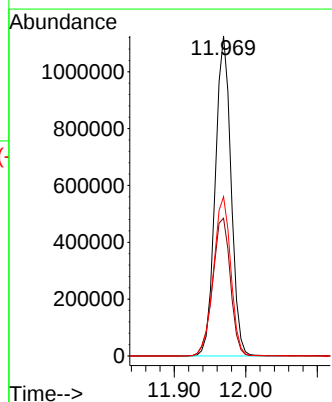
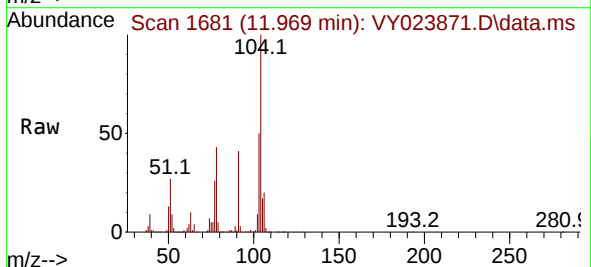
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

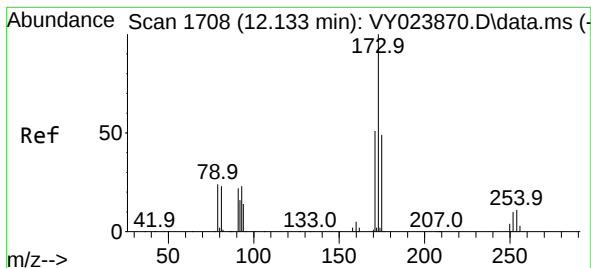
Tgt Ion:106 Resp: 1034728
Ion Ratio Lower Upper
106 100
91 209.9 104.4 313.1



#70
Styrene
Concen: 101.883 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

Tgt Ion:104 Resp: 1724169
Ion Ratio Lower Upper
104 100
78 48.4 38.8 58.2
103 54.3 43.9 65.9





#71

Bromoform

Concen: 102.492 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023871.D

Acq: 03 Dec 2025 15:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

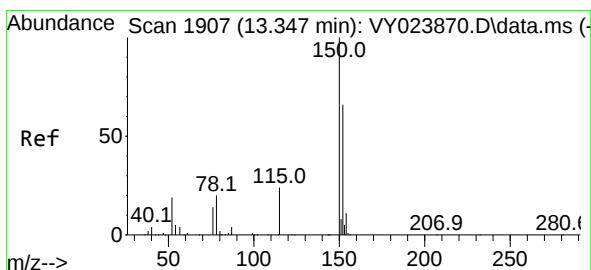
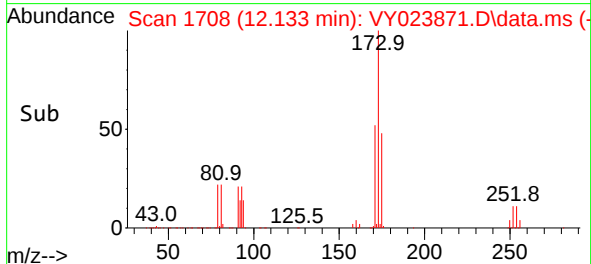
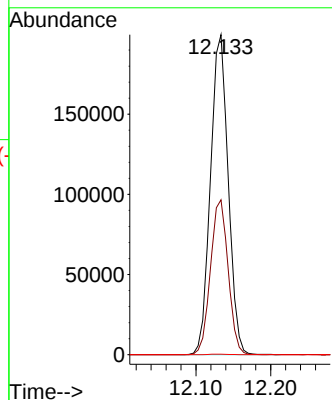
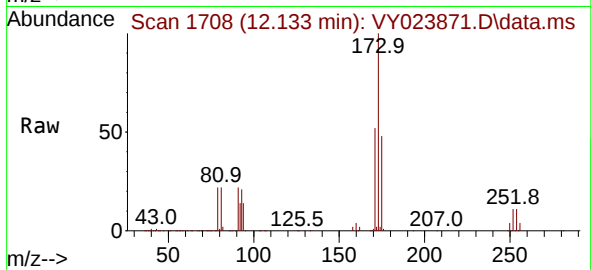
Tgt Ion:173 Resp: 328202

Ion Ratio Lower Upper

173 100

175 48.2 24.4 73.4

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY023871.D

Acq: 03 Dec 2025 15:12

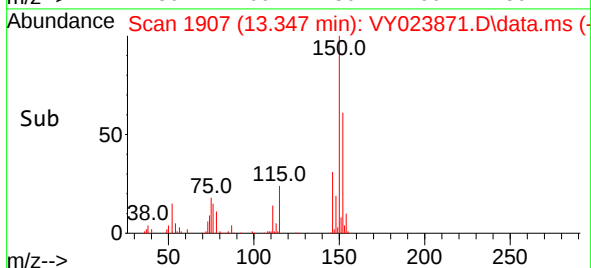
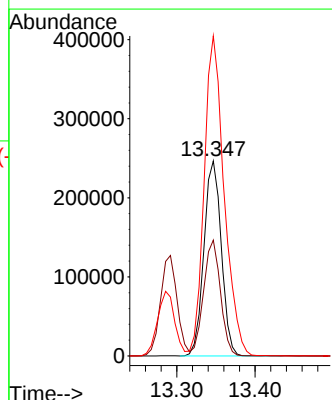
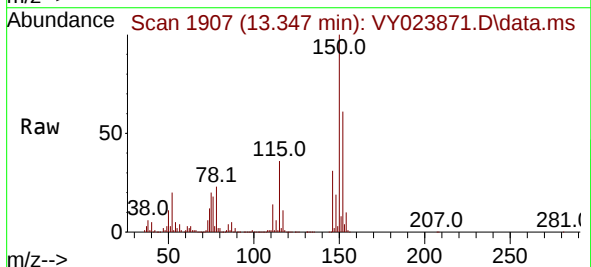
Tgt Ion:152 Resp: 378627

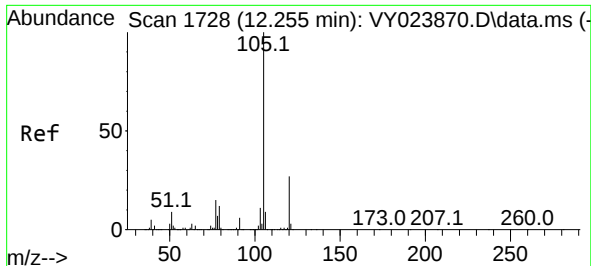
Ion Ratio Lower Upper

152 100

115 57.8 28.8 86.4

150 189.4 0.0 352.2

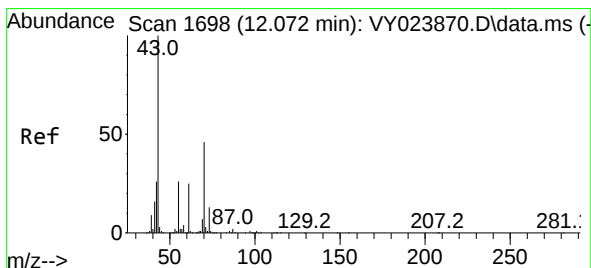
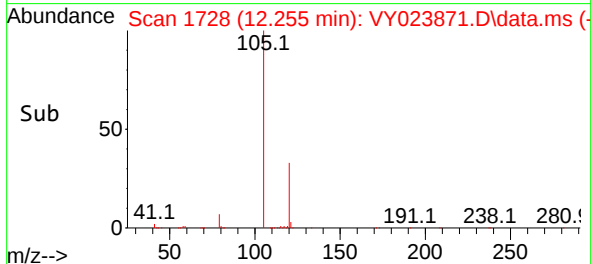
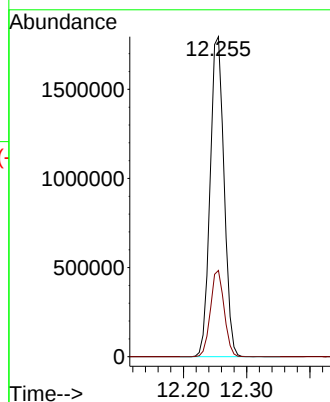
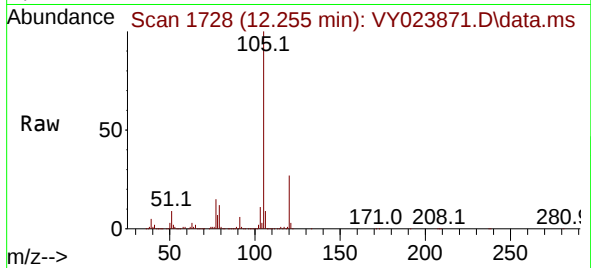




#73
Isopropylbenzene
Concen: 98.558 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

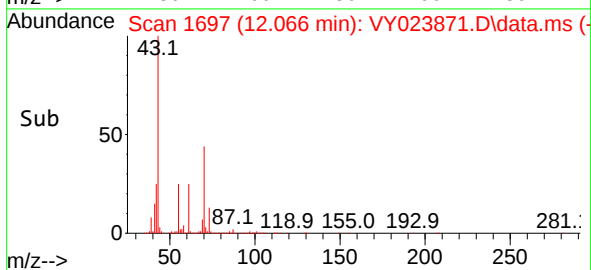
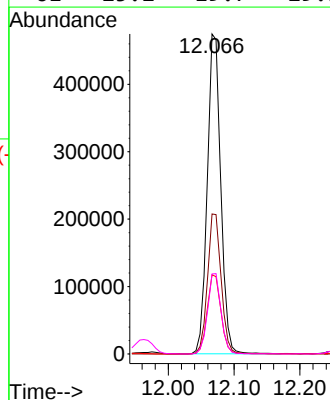
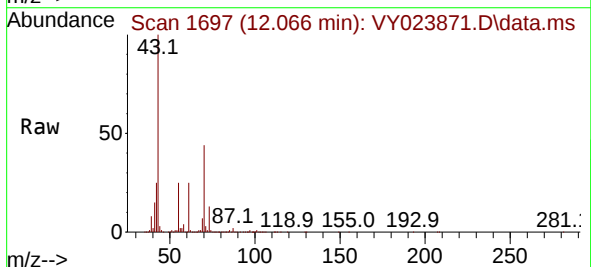
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

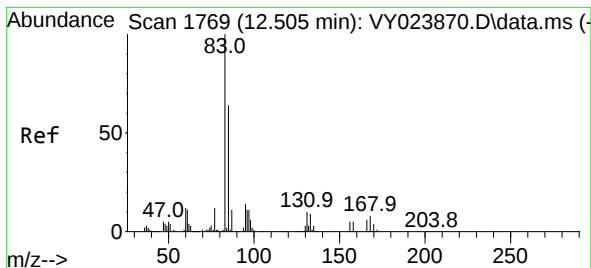
Tgt Ion:105 Resp: 2749383
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.1



#74
N-ethyl acetate
Concen: 111.915 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

Tgt Ion: 43 Resp: 676612
Ion Ratio Lower Upper
43 100
70 44.3 35.5 53.3
55 25.4 21.1 31.7
61 25.2 19.7 29.5

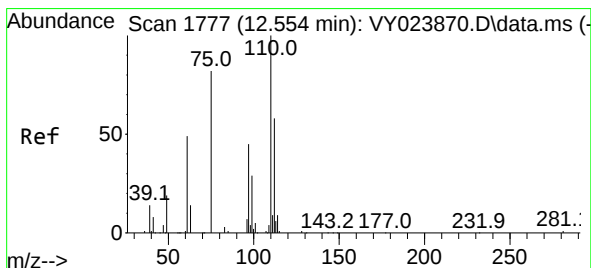
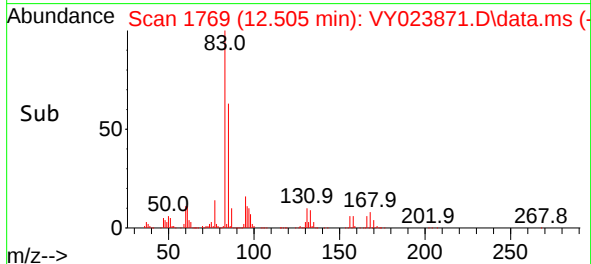
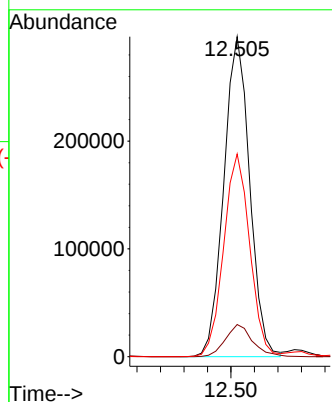
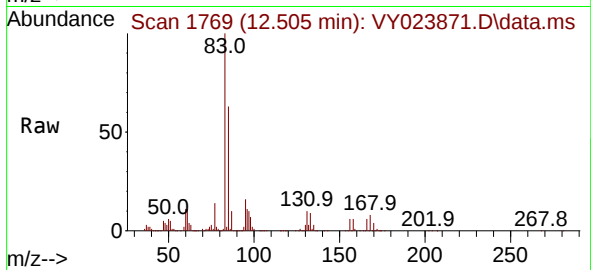




#75
 1,1,2,2-Tetrachloroethane
 Concen: 100.971 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY023871.D
 Acq: 03 Dec 2025 15:12

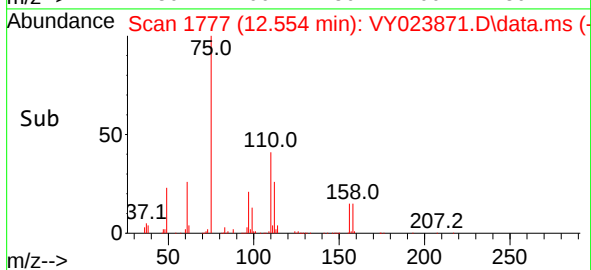
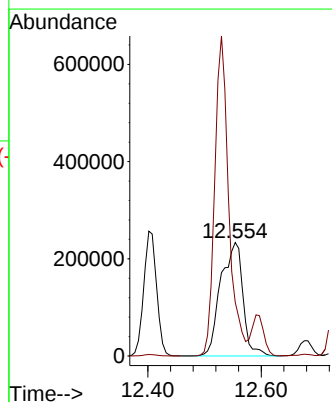
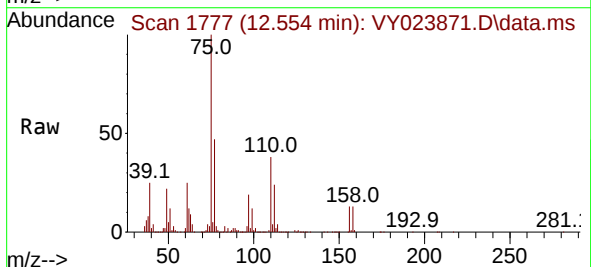
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

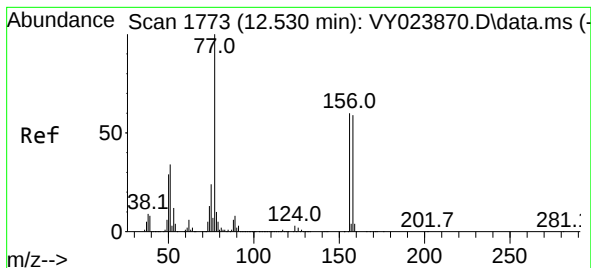
Tgt Ion: 83 Resp: 454452
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.3 15.9
 85 63.8 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 168.927 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY023871.D
 Acq: 03 Dec 2025 15:12

Tgt Ion: 75 Resp: 634085
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 96.614 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY023871.D

Acq: 03 Dec 2025 15:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

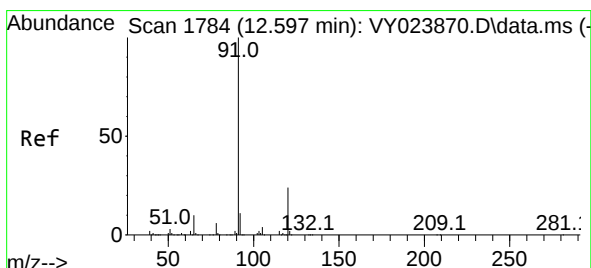
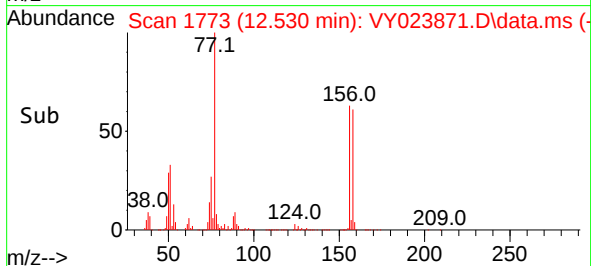
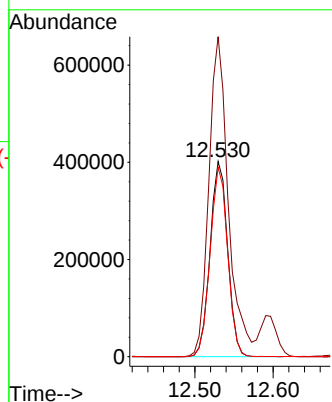
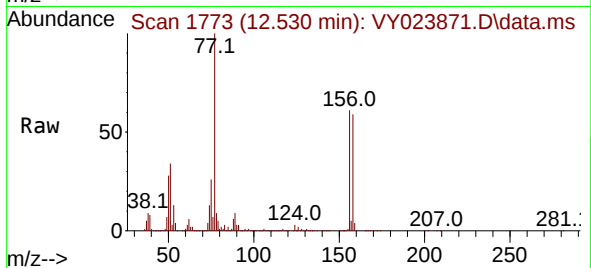
Tgt Ion:156 Resp: 625934

Ion Ratio Lower Upper

156 100

77 180.4 89.6 268.9

158 96.4 48.6 145.8



#78

n-propylbenzene

Concen: 97.971 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY023871.D

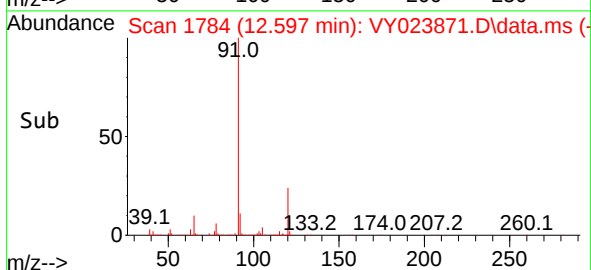
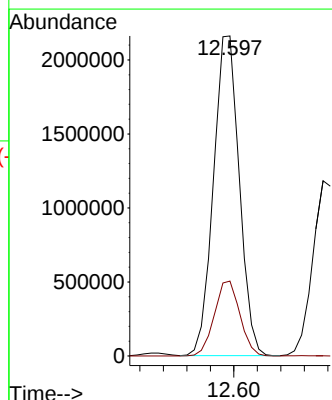
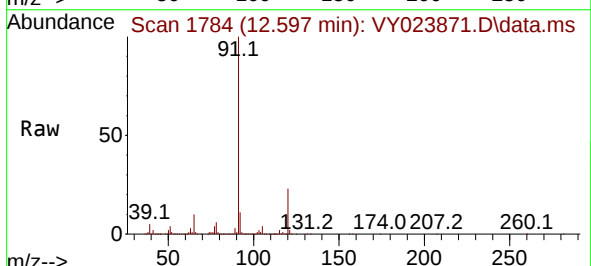
Acq: 03 Dec 2025 15:12

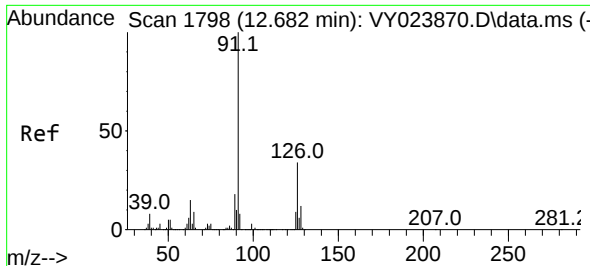
Tgt Ion: 91 Resp: 3297870

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.5

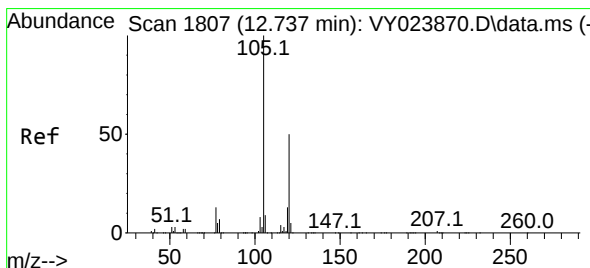
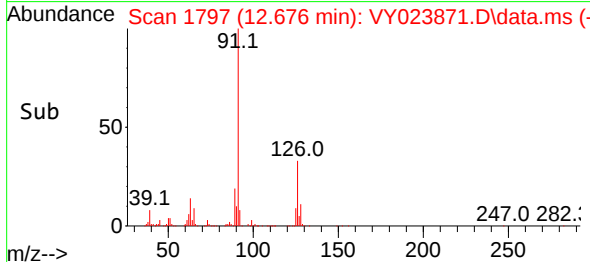
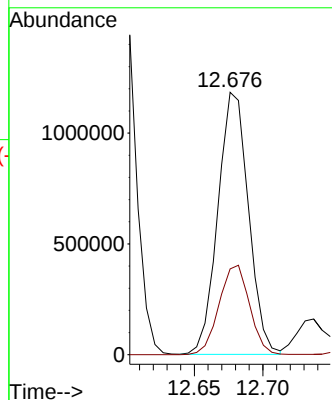
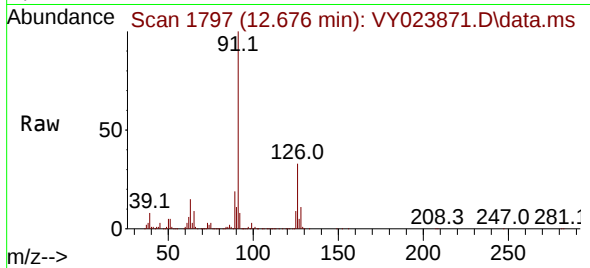




#79
2-Chlorotoluene
Concen: 96.366 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.006 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

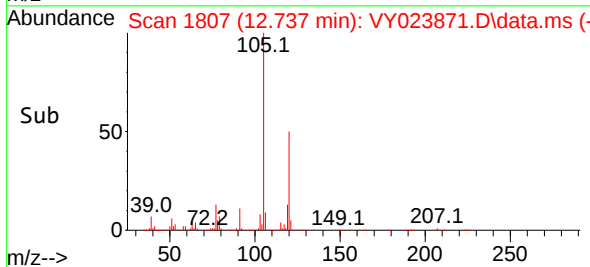
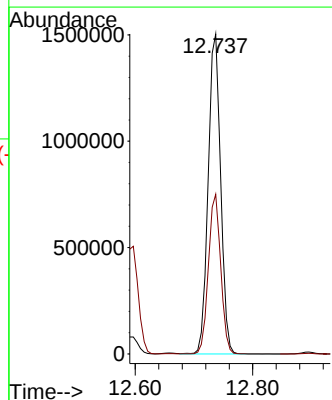
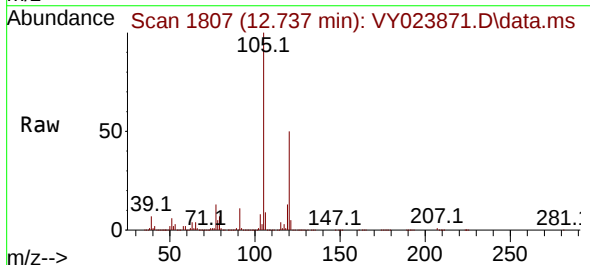
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

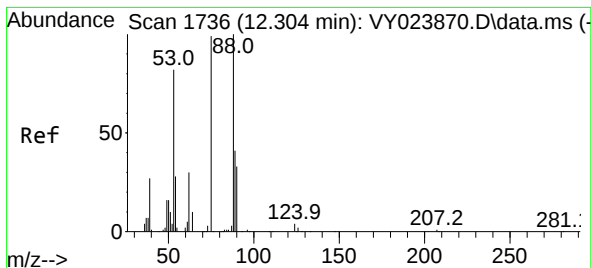
Tgt Ion: 91 Resp: 1842283
Ion Ratio Lower Upper
91 100
126 34.0 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 97.562 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

Tgt Ion:105 Resp: 2211407
Ion Ratio Lower Upper
105 100
120 49.3 24.9 74.6

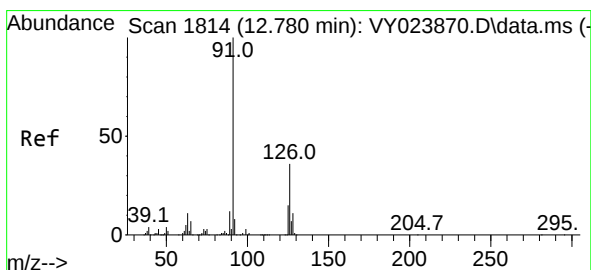
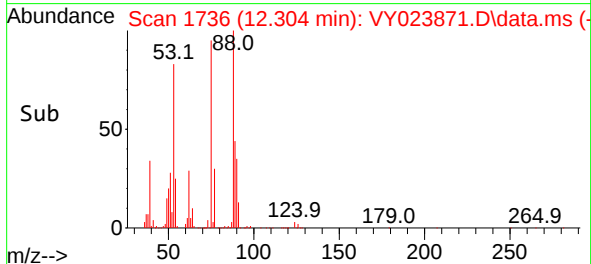
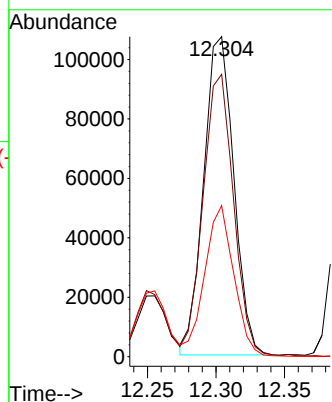
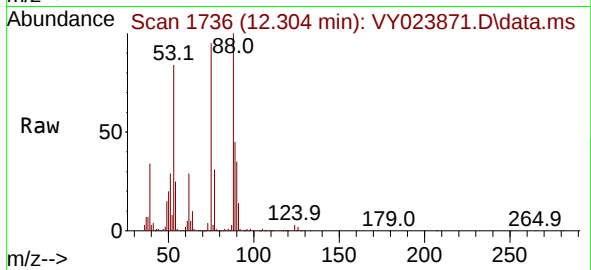




#81
trans-1,4-Dichloro-2-butene
Concen: 104.670 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

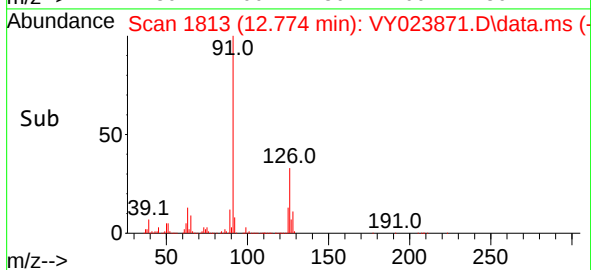
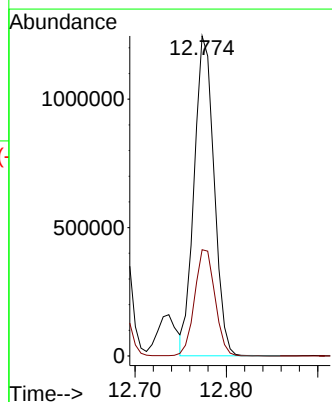
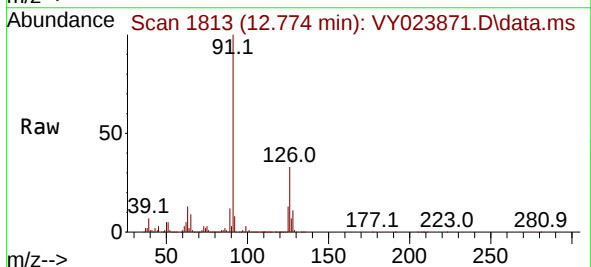
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

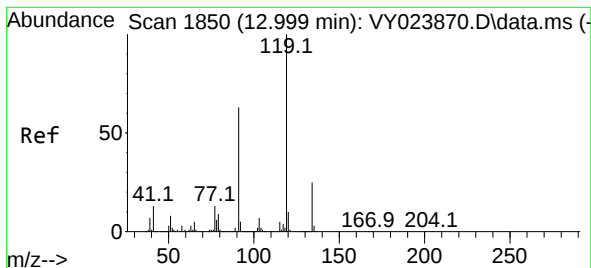
Tgt Ion: 75 Resp: 164040
Ion Ratio Lower Upper
75 100
53 90.2 71.1 106.7
89 46.1 36.3 54.5



#82
4-Chlorotoluene
Concen: 95.016 ug/l
RT: 12.774 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

Tgt Ion: 91 Resp: 1883217
Ion Ratio Lower Upper
91 100
126 34.2 17.1 51.2





#83

tert-Butylbenzene

Concen: 98.718 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY023871.D

Acq: 03 Dec 2025 15:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

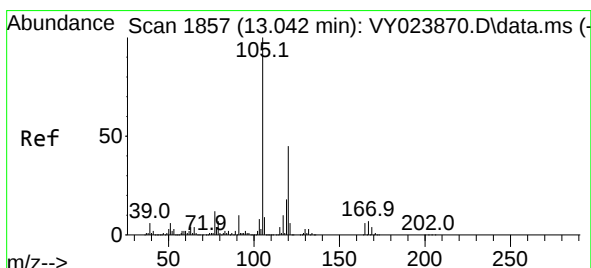
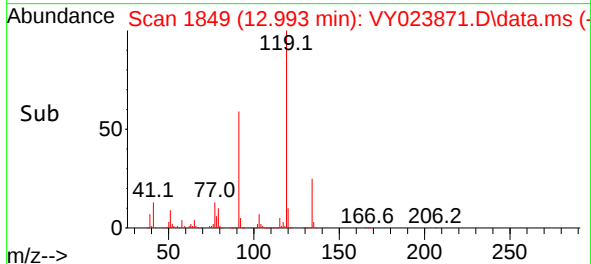
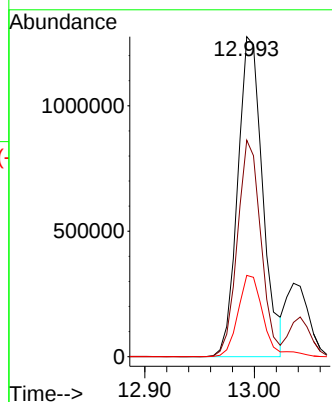
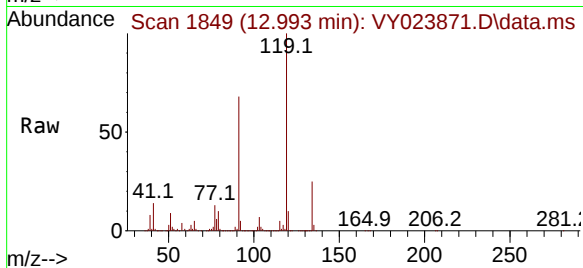
Tgt Ion:119 Resp: 2017278

Ion Ratio Lower Upper

119 100

91 63.9 31.8 95.3

134 25.9 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 97.708 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY023871.D

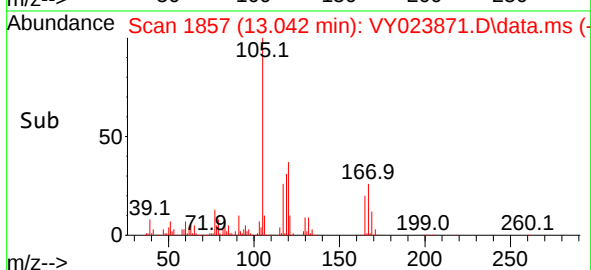
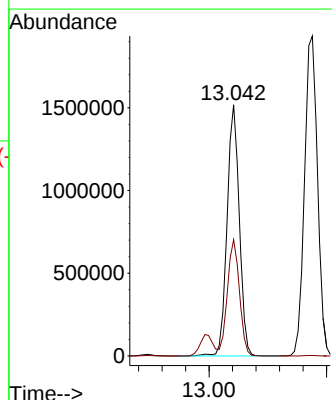
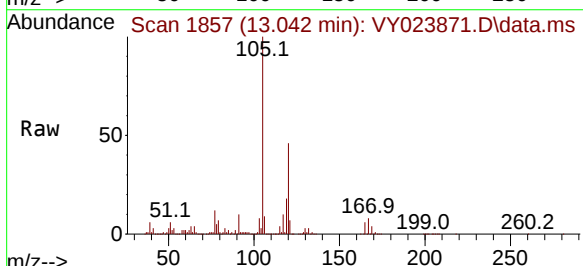
Acq: 03 Dec 2025 15:12

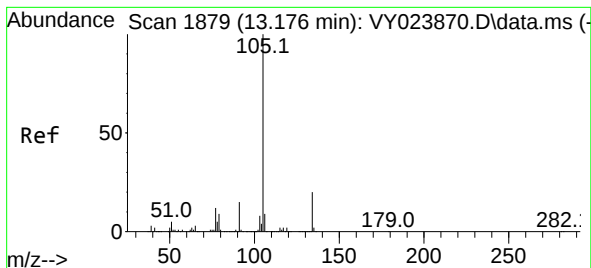
Tgt Ion:105 Resp: 2194058

Ion Ratio Lower Upper

105 100

120 45.4 22.4 67.3

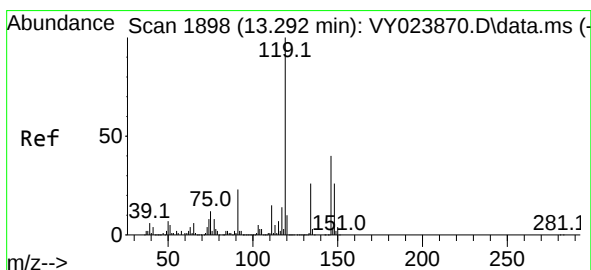
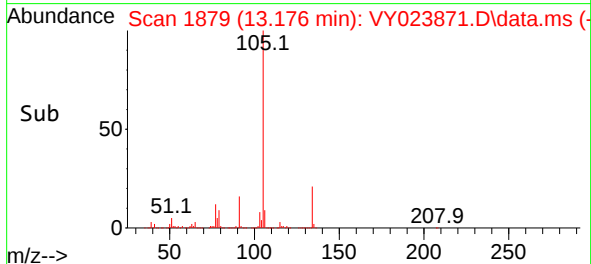
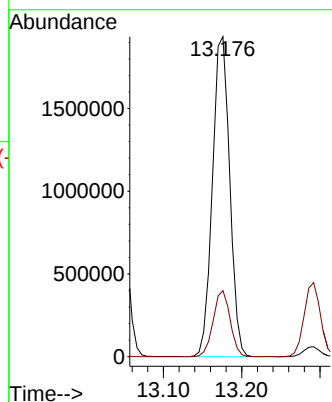
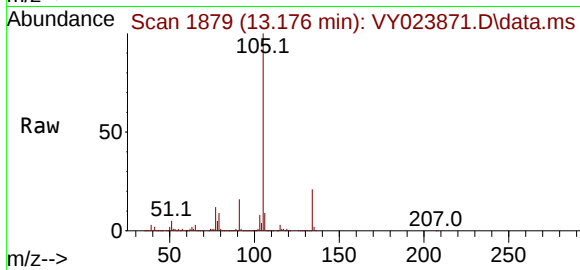




#85
 sec-Butylbenzene
 Concen: 97.308 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY023871.D
 Acq: 03 Dec 2025 15:12

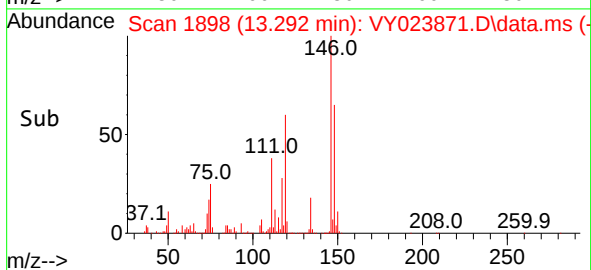
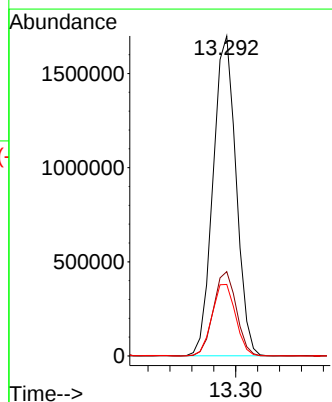
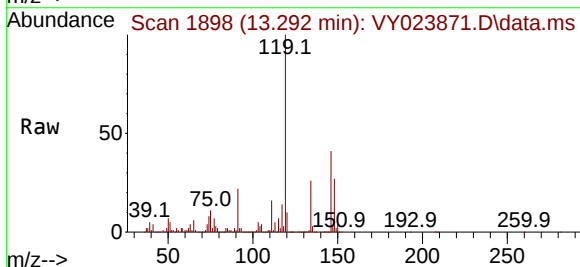
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

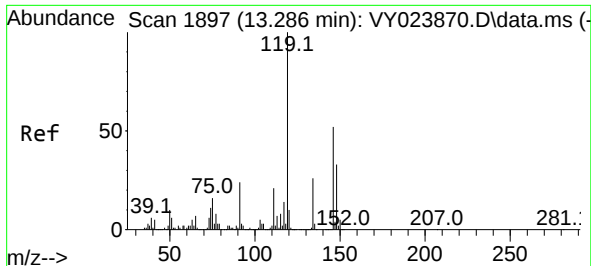
Tgt Ion:105 Resp: 2957891
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 98.300 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY023871.D
 Acq: 03 Dec 2025 15:12

Tgt Ion:119 Resp: 2474066
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.1
 91 23.1 11.6 34.8

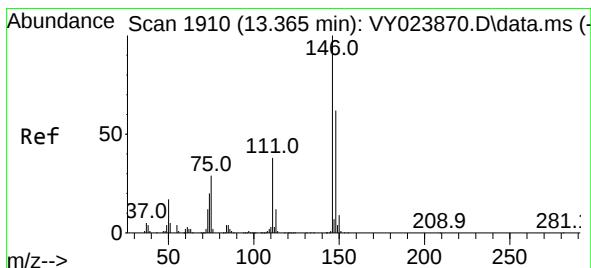
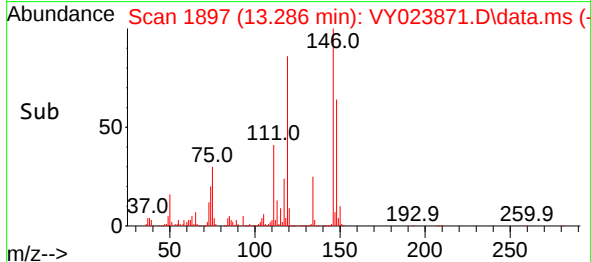
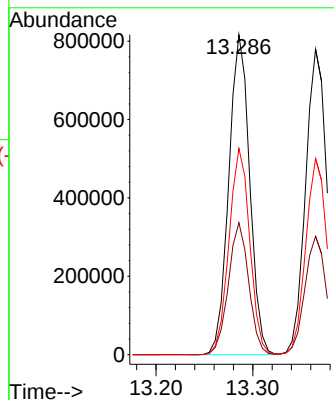
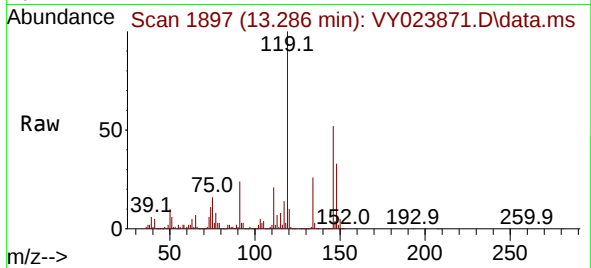




#87
1,3-Dichlorobenzene
Concen: 93.811 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

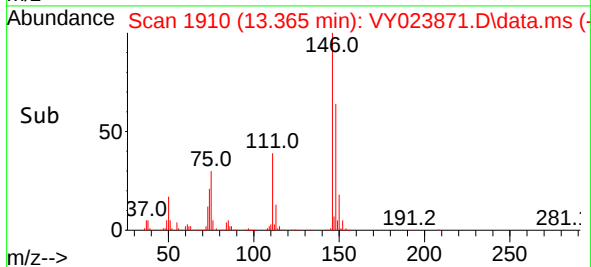
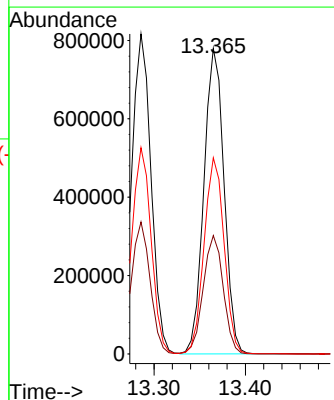
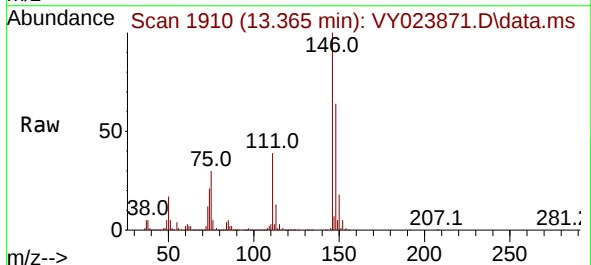
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

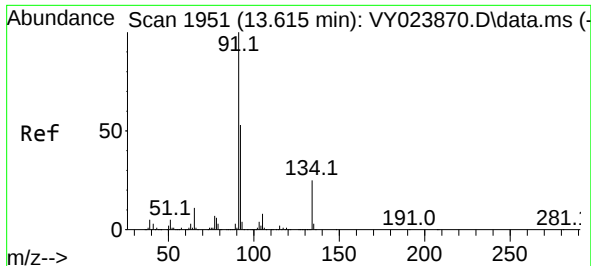
Tgt Ion:146 Resp: 1224484
Ion Ratio Lower Upper
146 100
111 40.2 20.0 60.0
148 64.1 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 92.992 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

Tgt Ion:146 Resp: 1190344
Ion Ratio Lower Upper
146 100
111 38.6 19.4 58.1
148 64.1 32.0 96.2





#89

n-Butylbenzene

Concen: 99.543 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY023871.D

Acq: 03 Dec 2025 15:12

Instrument :

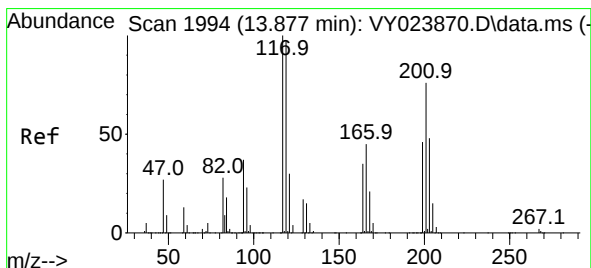
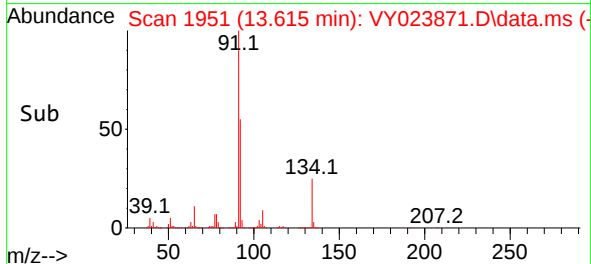
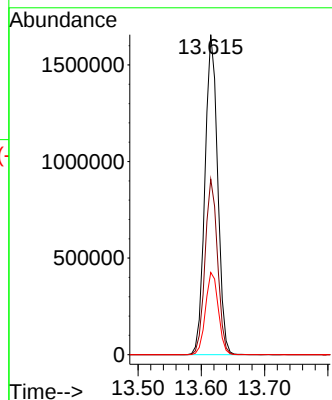
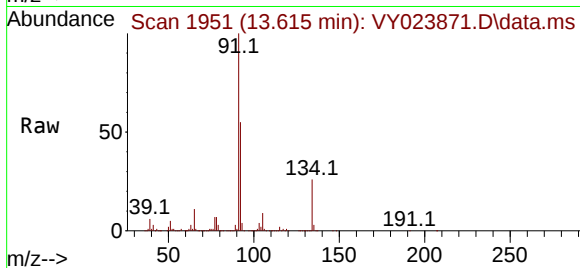
MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 91 Resp: 2318828

Ion	Ratio	Lower	Upper
91	100		
92	54.0	26.7	80.0
134	25.9	13.0	39.0



#90

Hexachloroethane

Concen: 94.397 ug/l

RT: 13.877 min Scan# 1994

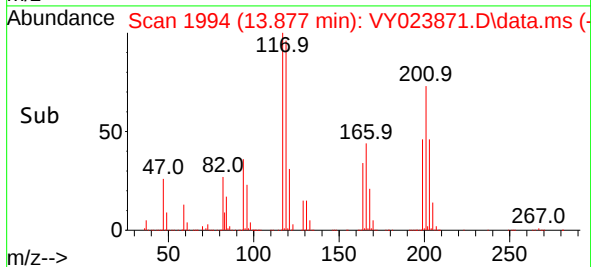
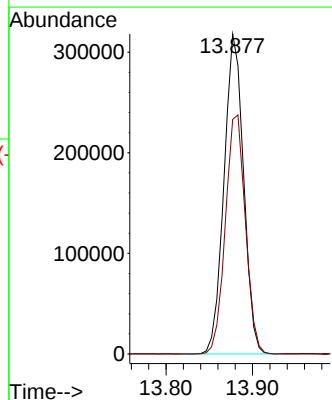
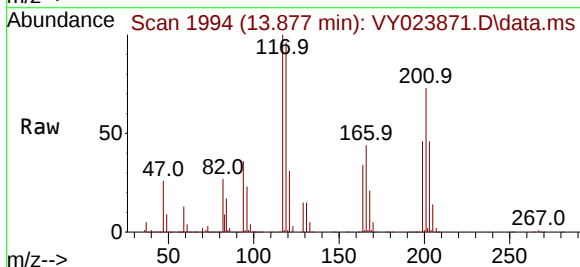
Delta R.T. 0.000 min

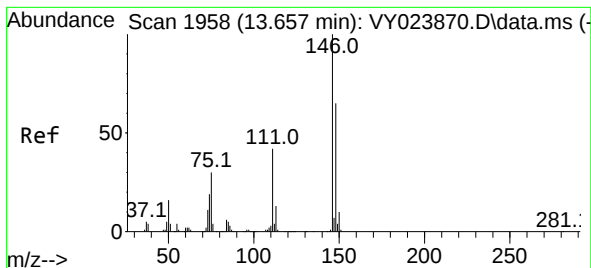
Lab File: VY023871.D

Acq: 03 Dec 2025 15:12

Tgt Ion: 117 Resp: 498413

Ion	Ratio	Lower	Upper
117	100		
201	76.7	39.1	117.2





#91

1,2-Dichlorobenzene

Concen: 94.427 ug/l

RT: 13.658 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY023871.D

Acq: 03 Dec 2025 15:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

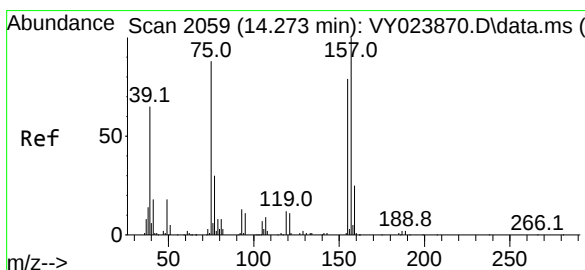
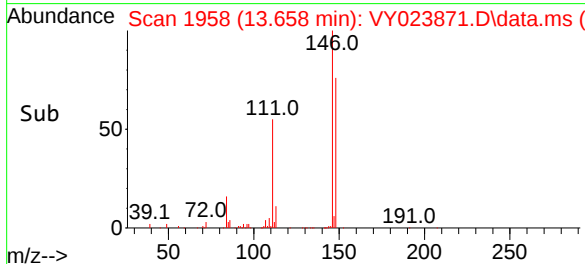
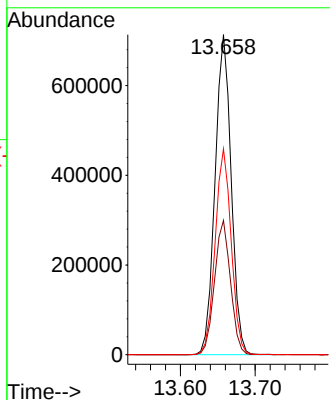
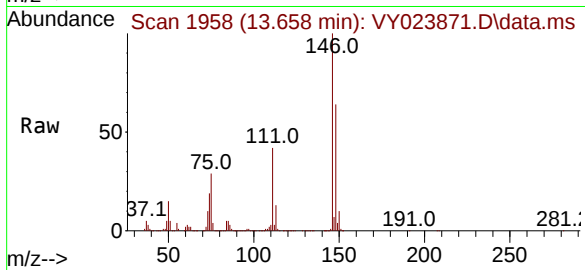
Tgt Ion:146 Resp: 1072015

Ion Ratio Lower Upper

146 100

111 41.6 20.4 61.3

148 64.1 32.3 96.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 105.587 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY023871.D

Acq: 03 Dec 2025 15:12

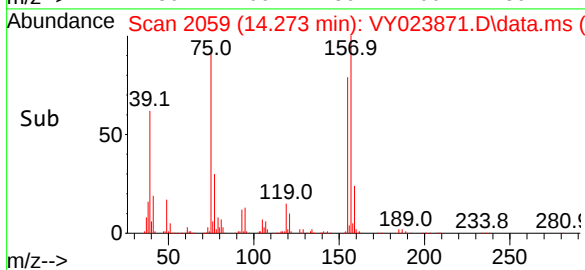
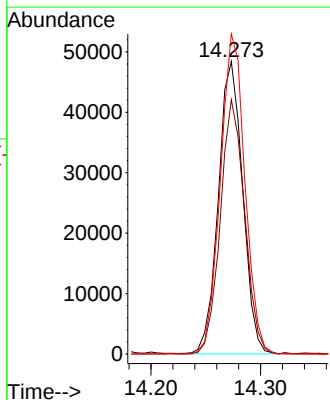
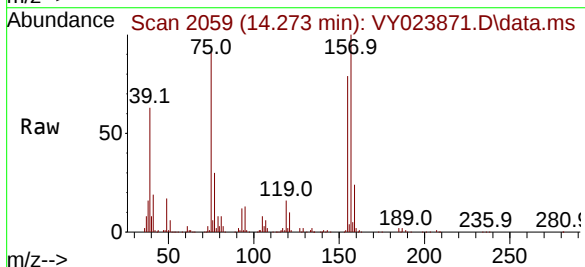
Tgt Ion: 75 Resp: 74722

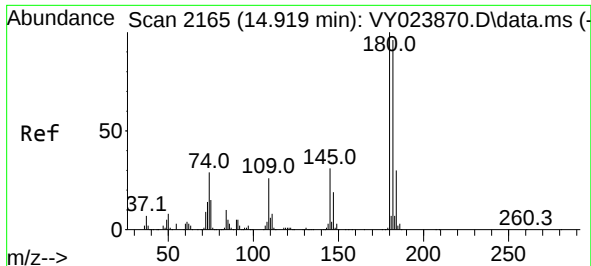
Ion Ratio Lower Upper

75 100

155 86.5 44.4 133.2

157 110.4 57.5 172.3

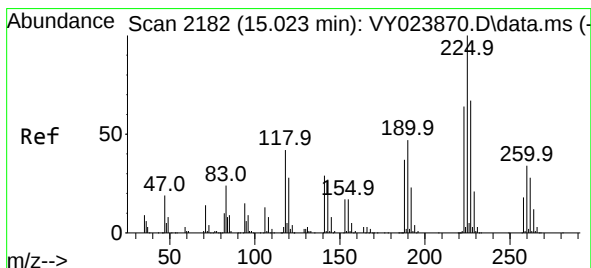
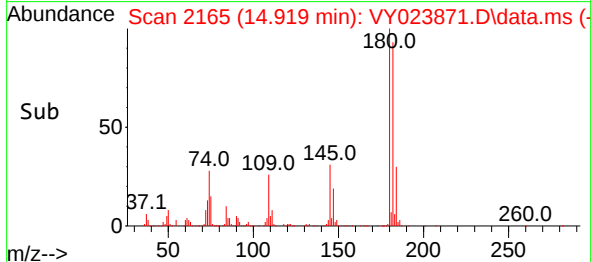
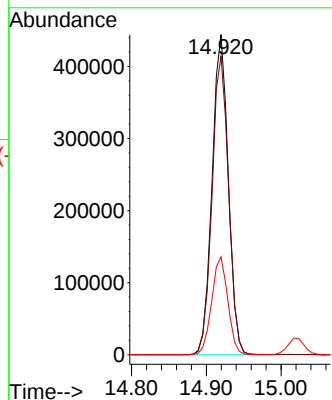
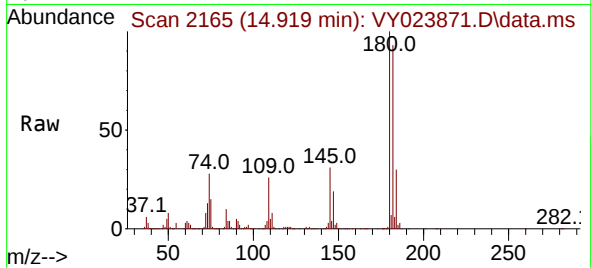




#93
1,2,4-Trichlorobenzene
Concen: 99.299 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. 0.000 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

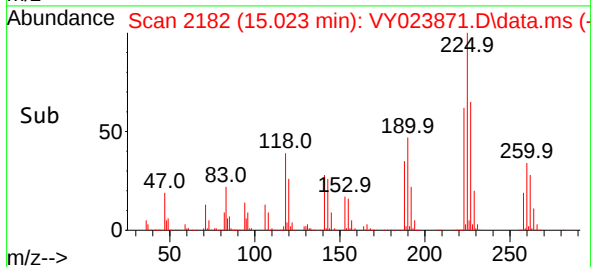
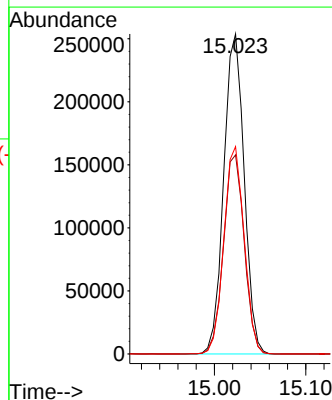
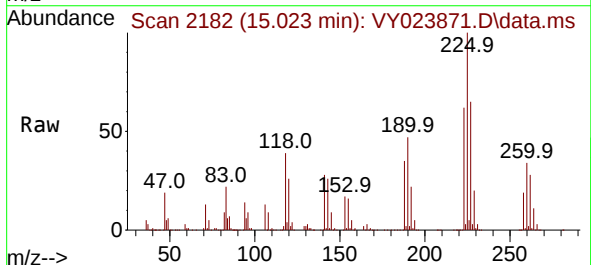
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

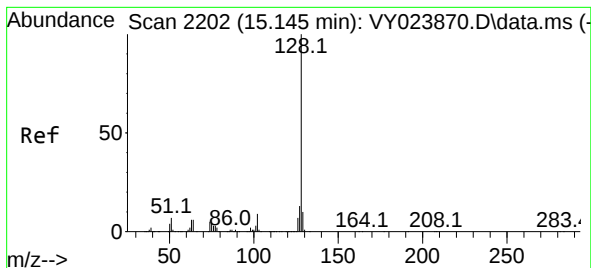
Tgt Ion:180 Resp: 668373
Ion Ratio Lower Upper
180 100
182 94.4 47.4 142.3
145 30.5 15.2 45.5



#94
Hexachlorobutadiene
Concen: 93.431 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY023871.D
Acq: 03 Dec 2025 15:12

Tgt Ion:225 Resp: 394559
Ion Ratio Lower Upper
225 100
223 63.1 31.6 95.0
227 64.6 32.6 97.8





#95

Naphthalene

Concen: 113.275 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY023871.D

Acq: 03 Dec 2025 15:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

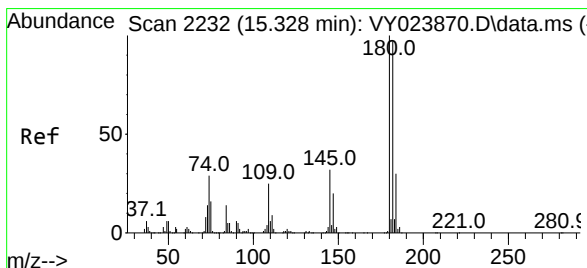
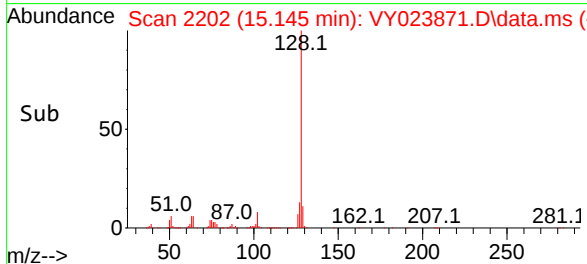
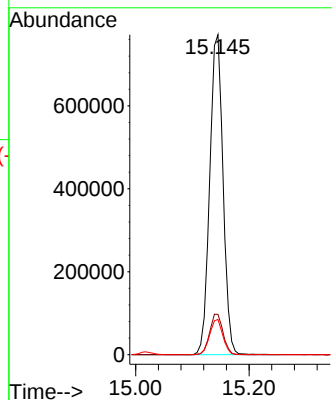
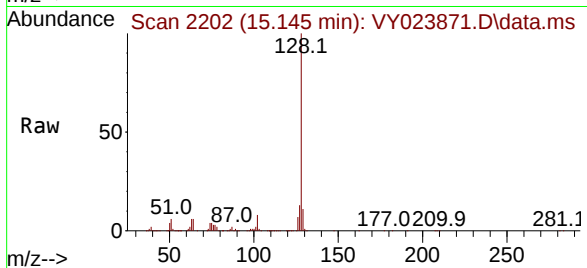
Tgt Ion:128 Resp: 1256519

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 100.986 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY023871.D

Acq: 03 Dec 2025 15:12

Tgt Ion:180 Resp: 580051

Ion Ratio Lower Upper

180 100

182 94.8 46.9 140.8

145 31.7 15.7 47.1

