

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121525\
 Data File : VY023982.D
 Acq On : 15 Dec 2025 19:28
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 16 02:18:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 03:57:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.720	168	503719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	754099	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	644055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	325754	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.073	65	205801	46.210	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.420%
35) Dibromofluoromethane	7.646	113	234308	47.532	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.060%
50) Toluene-d8	10.115	98	877616	47.819	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.640%
62) 4-Bromofluorobenzene	12.414	95	292117	47.661	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.320%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.879	85	159198	45.575	ug/l	96
3) Chloromethane	2.080	50	222822	49.654	ug/l	98
4) Vinyl Chloride	2.220	62	266194	48.006	ug/l	98
5) Bromomethane	2.617	94	214894	45.519	ug/l	100
6) Chloroethane	2.751	64	188918	48.354	ug/l	99
7) Trichlorofluoromethane	3.074	101	394496	47.255	ug/l	99
8) Diethyl Ether	3.470	74	112739	49.158	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.836	101	228735	47.015	ug/l	98
10) Methyl Iodide	4.025	142	321699	53.642	ug/l	100
11) Tert butyl alcohol	4.879	59	51604	200.098	ug/l	100
12) 1,1-Dichloroethene	3.806	96	232568	50.877	ug/l	95
13) Acrolein	3.671	56	102940	249.572	ug/l	98
14) Allyl chloride	4.409	41	289716	49.533	ug/l	98
15) Acrylonitrile	5.080	53	204320	223.607	ug/l	100
16) Acetone	3.885	43	216390	178.692	ug/l	99
17) Carbon Disulfide	4.129	76	645518	53.176	ug/l	99
18) Methyl Acetate	4.403	43	91742	45.529	ug/l	98
19) Methyl tert-butyl Ether	5.135	73	537218	49.145	ug/l	99
20) Methylene Chloride	4.635	84	256972	49.046	ug/l	96
21) trans-1,2-Dichloroethene	5.135	96	260774	51.966	ug/l	98
22) Diisopropyl ether	6.031	45	649605	48.774	ug/l	98
23) Vinyl Acetate	5.976	43	1706325	230.577	ug/l	98
24) 1,1-Dichloroethane	5.933	63	429127	51.693	ug/l	99
25) 2-Butanone	6.909	43	252871	183.728	ug/l	96
26) 2,2-Dichloropropane	6.903	77	370657	47.819	ug/l	99
27) cis-1,2-Dichloroethene	6.909	96	306427	53.193	ug/l	97
28) Bromochloromethane	7.262	49	146176	46.740	ug/l	92
29) Tetrahydrofuran	7.281	42	150435	214.317	ug/l	97
30) Chloroform	7.433	83	467554	51.561	ug/l	98
31) Cyclohexane	7.720	56	382244	50.047	ug/l	99
32) 1,1,1-Trichloroethane	7.634	97	423902	50.411	ug/l	99
36) 1,1-Dichloropropene	7.848	75	321611	47.923	ug/l	99
37) Ethyl Acetate	7.000	43	113134	41.399	ug/l	99
38) Carbon Tetrachloride	7.835	117	383748	47.176	ug/l	98
39) Methylcyclohexane	9.122	83	644656	71.899	ug/l	97
40) Benzene	8.091	78	1559082	76.289	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	59006	39.249	ug/l	93
42) 1,2-Dichloroethane	8.171	62	252765	47.164	ug/l	97
43) Isopropyl Acetate	8.207	43	227585	44.218	ug/l #	84
44) Trichloroethene	8.878	130	298373	50.352	ug/l	94
45) 1,2-Dichloropropane	9.152	63	224122	48.606	ug/l	99
46) Dibromomethane	9.244	93	130519	48.059	ug/l	97
47) Bromodichloromethane	9.433	83	345545	48.366	ug/l	100
48) Methyl methacrylate	9.231	41	107375	44.814	ug/l	96
49) 1,4-Dioxane	9.238	88	25060	827.704	ug/l	95
51) 4-Methyl-2-Pentanone	10.006	43	559911	205.322	ug/l	97
52) Toluene	10.182	92	9186715	679.327	ug/l	91
53) t-1,3-Dichloropropene	10.402	75	297129	48.127	ug/l	98
54) cis-1,3-Dichloropropene	9.865	75	357195	49.097	ug/l	96
55) 1,1,2-Trichloroethane	10.579	97	200273	53.579	ug/l	98
56) Ethyl methacrylate	10.451	69	230138	51.935	ug/l	96
57) 1,3-Dichloropropane	10.725	76	281443	46.554	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	391562	203.996	ug/l	97
59) 2-Hexanone	10.768	43	422433	204.107	ug/l	96
60) Dibromochloromethane	10.920	129	250604	48.425	ug/l	100
61) 1,2-Dibromoethane	11.024	107	164225	47.413	ug/l	98
64) Tetrachloroethene	10.658	164	361505	52.248	ug/l	97
65) Chlorobenzene	11.451	112	744745	49.903	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.524	131	261339	49.931	ug/l	97
67) Ethyl Benzene	11.530	91	1909769	76.375	ug/l	98
68) m/p-Xylenes	11.633	106	3209756	323.359	ug/l	98
69) o-Xylene	11.963	106	991619	106.790	ug/l	99
70) Styrene	11.975	104	793353	52.887	ug/l	89
71) Bromoform	12.139	173	146652	47.545	ug/l #	98
73) Isopropylbenzene	12.261	105	1363826	57.288	ug/l	100
74) N-amyl acetate	12.078	43	270011	63.942	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.511	83	172363	47.549	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	229483	83.281	ug/l #	100
77) Bromobenzene	12.542	156	299500	50.702	ug/l	99
78) n-propylbenzene	12.603	91	1601114	57.805	ug/l	99
79) 2-Chlorotoluene	12.688	91	885921	56.307	ug/l	97
80) 1,3,5-Trimethylbenzene	12.743	105	1438557	75.743	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	54593	45.097	ug/l #	87
82) 4-Chlorotoluene	12.786	91	820079	50.631	ug/l	100
83) tert-Butylbenzene	13.005	119	931768	53.097	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	2236570	118.874	ug/l	100
85) sec-Butylbenzene	13.182	105	1407665	54.990	ug/l	98
86) p-Isopropyltoluene	13.298	119	1228871	56.714	ug/l	100
87) 1,3-Dichlorobenzene	13.298	146	569311	49.629	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	549245	48.573	ug/l	98
89) n-Butylbenzene	13.627	91	1076173	56.769	ug/l	94
90) Hexachloroethane	13.889	117	236809	53.559	ug/l	95
91) 1,2-Dichlorobenzene	13.664	146	488823	49.183	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.279	75	25437	45.322	ug/l	99
93) 1,2,4-Trichlorobenzene	14.926	180	288190	49.335	ug/l	98
94) Hexachlorobutadiene	15.029	225	187436	48.952	ug/l	98
95) Naphthalene	15.151	128	635893	70.402	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	241066	48.496	ug/l	98

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ClientSampleId :
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QLast Update : Thu Dec 11 03:57:51 2025
Response via : Initial Calibration

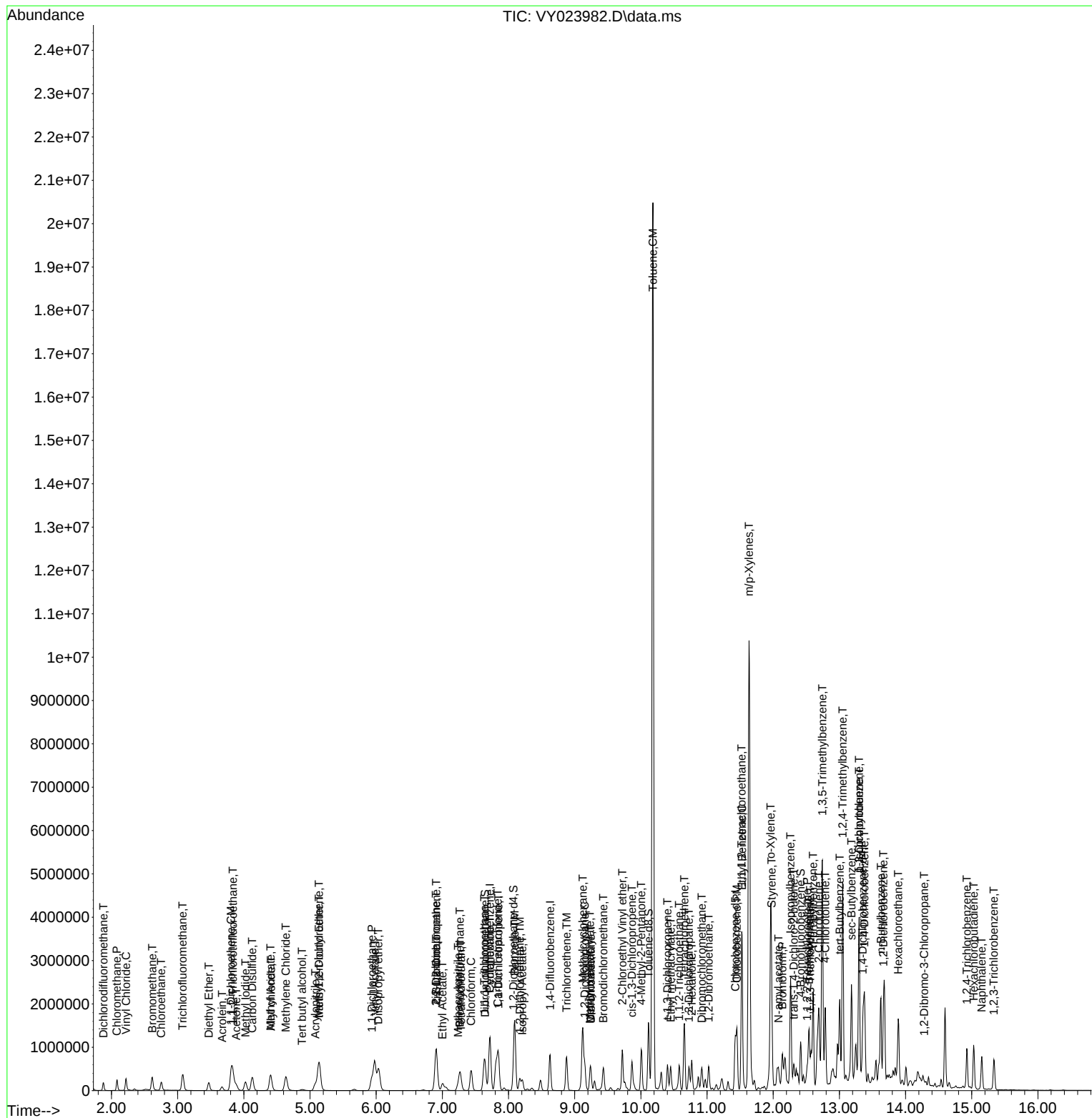
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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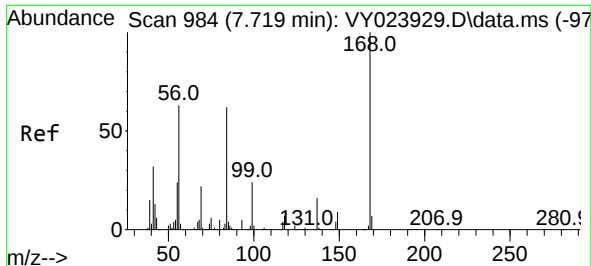
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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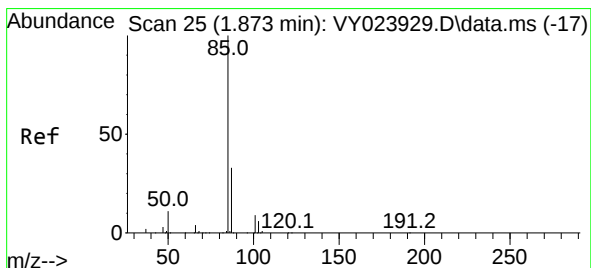
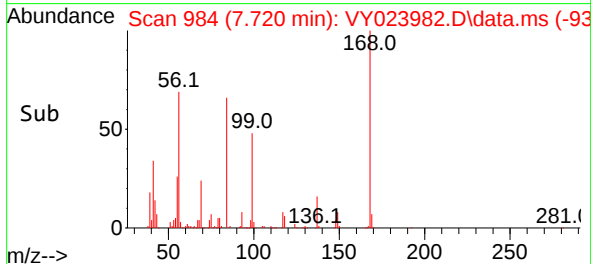
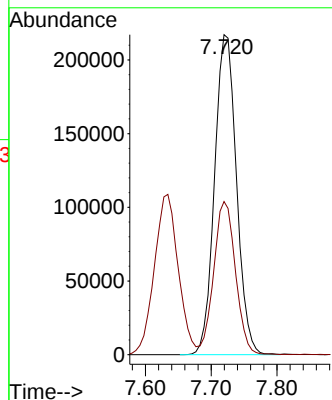
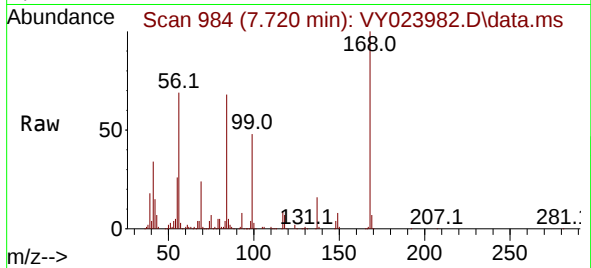




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 91
Delta R.T. 0.000 min
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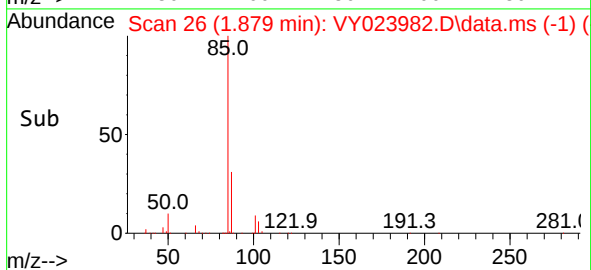
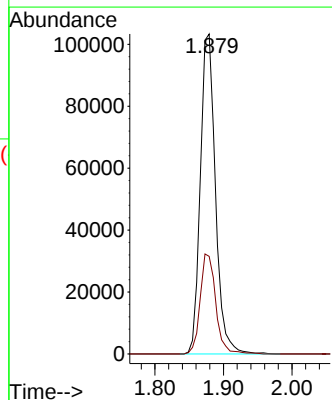
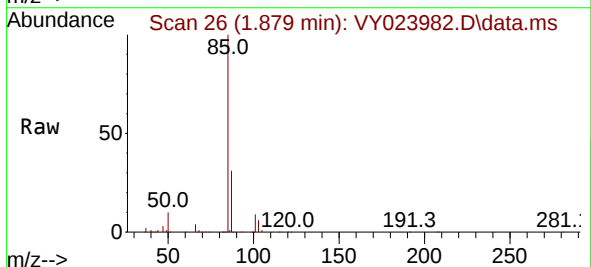
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VSTDCCC050EC

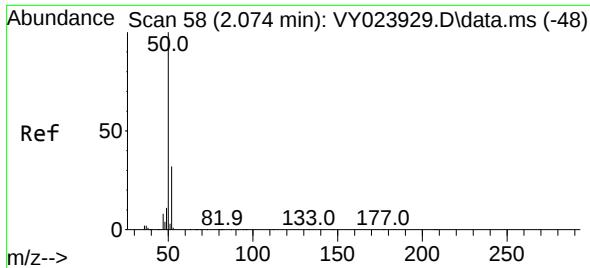
Tgt Ion:168 Resp: 503719
Ion Ratio Lower Upper
168 100
99 47.8 38.9 58.3



#2
Dichlorodifluoromethane
Concen: 45.575 ug/l
RT: 1.879 min Scan# 26
Delta R.T. 0.006 min
Lab File: VY023982.D
Acq: 15 Dec 2025 19:28

Tgt Ion: 85 Resp: 159198
Ion Ratio Lower Upper
85 100
87 30.5 16.4 49.1

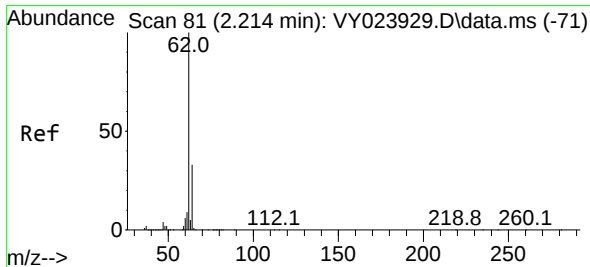
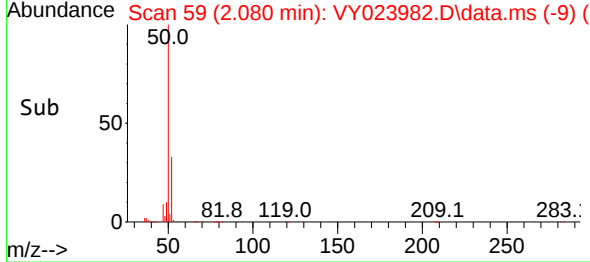
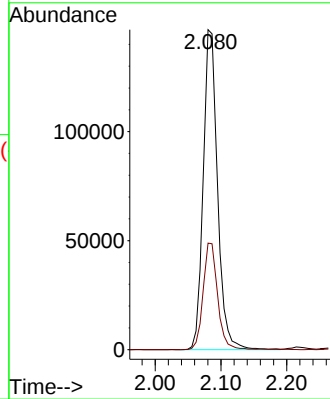
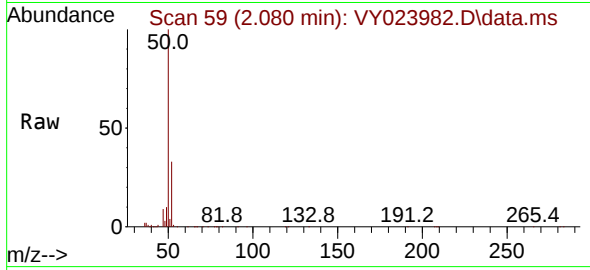




#3
Chloromethane
Concen: 49.654 ug/l
RT: 2.080 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023982.D
Acq: 15 Dec 2025 19:28

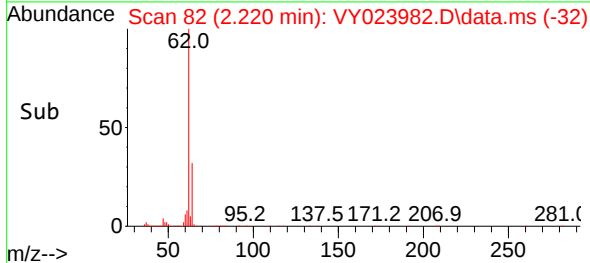
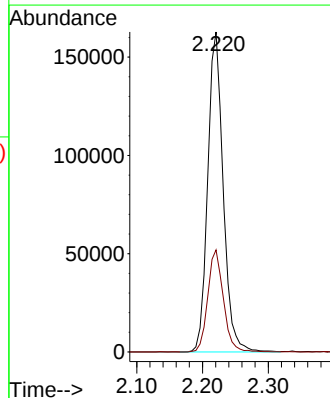
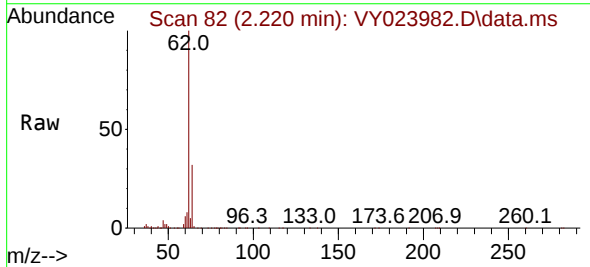
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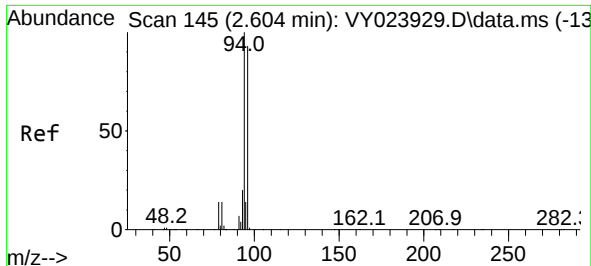
Tgt Ion: 50 Resp: 222822
Ion Ratio Lower Upper
50 100
52 33.3 25.8 38.8



#4
Vinyl Chloride
Concen: 48.006 ug/l
RT: 2.220 min Scan# 82
Delta R.T. 0.006 min
Lab File: VY023982.D
Acq: 15 Dec 2025 19:28

Tgt Ion: 62 Resp: 266194
Ion Ratio Lower Upper
62 100
64 31.9 26.2 39.4

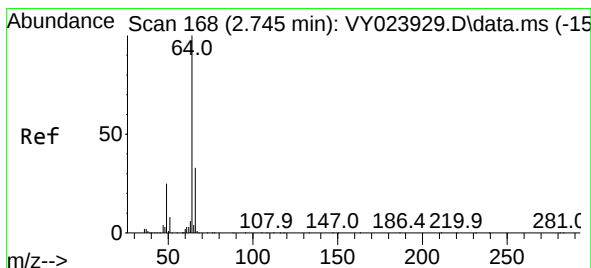
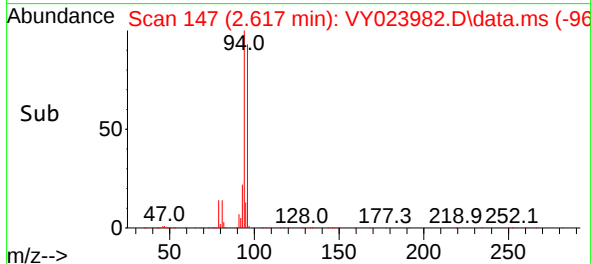
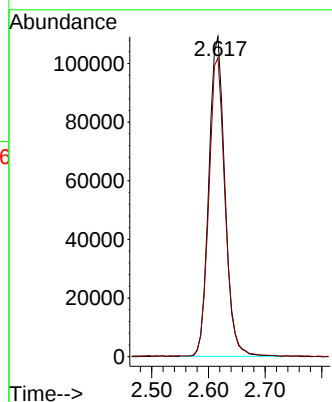
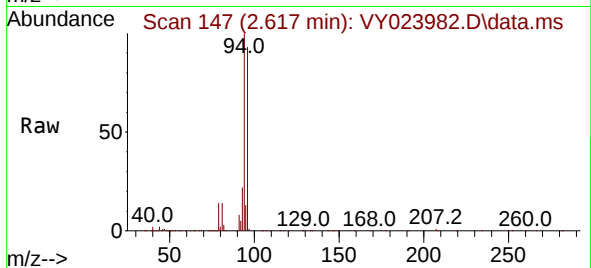




#5
Bromomethane
Concen: 45.519 ug/l
RT: 2.617 min Scan# 145
Delta R.T. 0.012 min
Lab File: VY023982.D
Acq: 15 Dec 2025 19:28

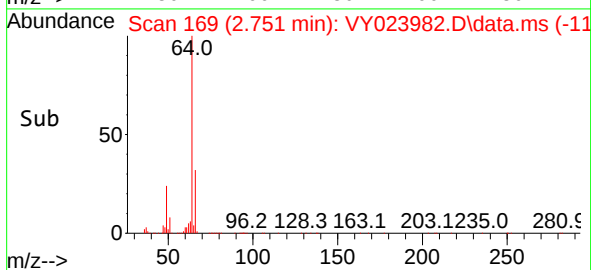
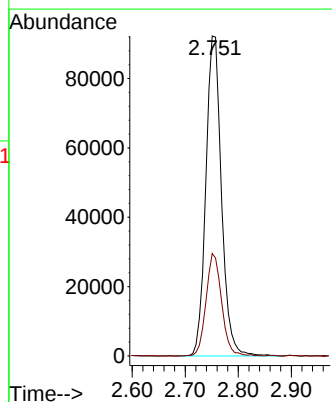
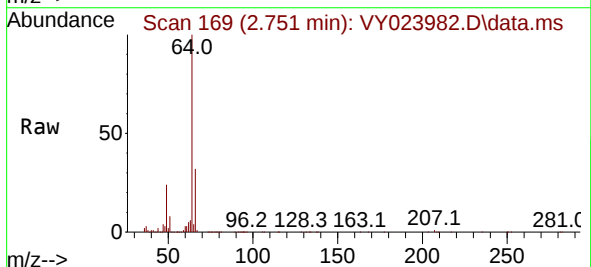
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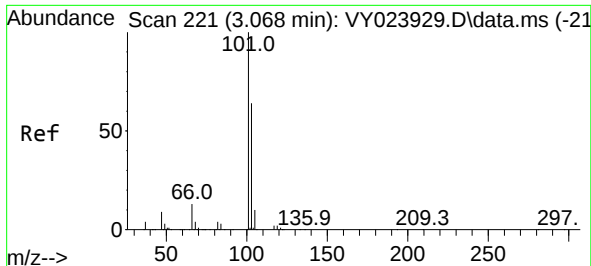
Tgt Ion: 94 Resp: 214894
Ion Ratio Lower Upper
94 100
96 93.3 74.8 112.2



#6
Chloroethane
Concen: 48.354 ug/l
RT: 2.751 min Scan# 169
Delta R.T. 0.006 min
Lab File: VY023982.D
Acq: 15 Dec 2025 19:28

Tgt Ion: 64 Resp: 188918
Ion Ratio Lower Upper
64 100
66 32.0 26.0 39.0

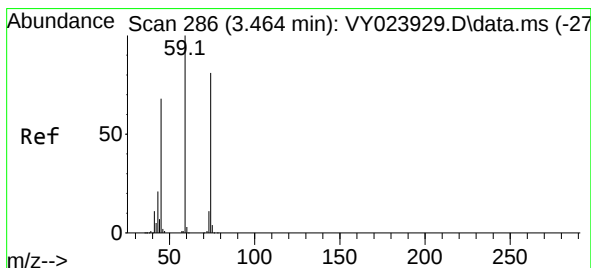
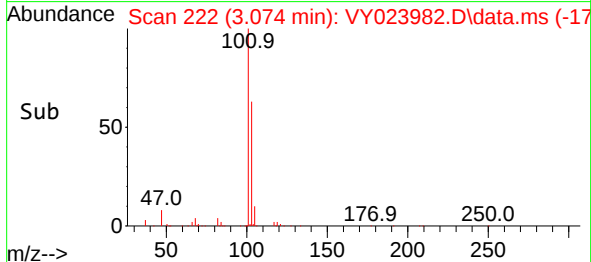
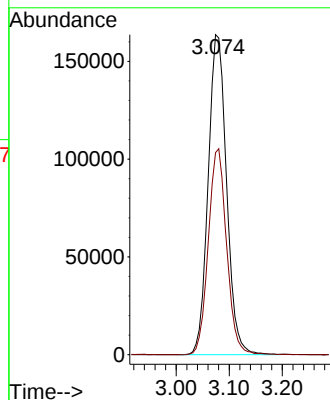
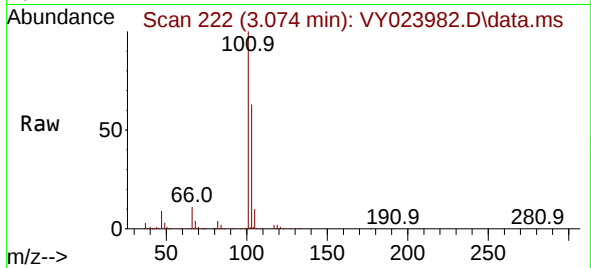




#7
Trichlorofluoromethane
Concen: 47.255 ug/l
RT: 3.074 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY023982.D
Acq: 15 Dec 2025 19:28

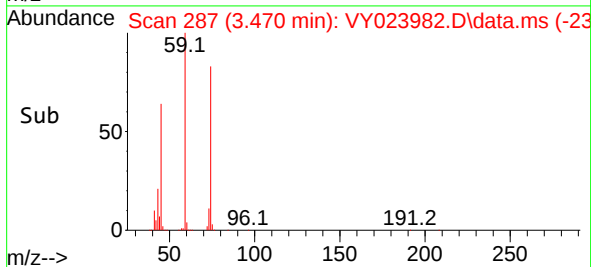
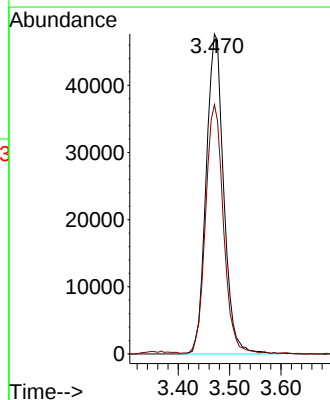
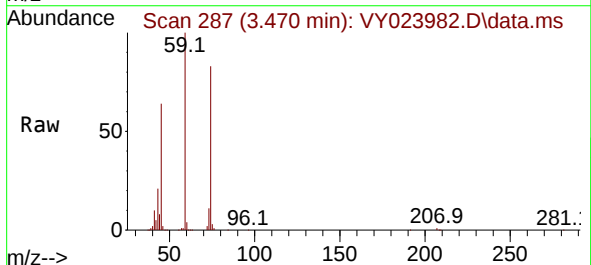
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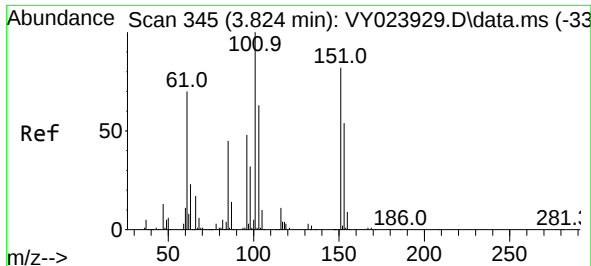
Tgt Ion:101 Resp: 394496
Ion Ratio Lower Upper
101 100
103 63.2 51.4 77.2



#8
Diethyl Ether
Concen: 49.158 ug/l
RT: 3.470 min Scan# 287
Delta R.T. 0.006 min
Lab File: VY023982.D
Acq: 15 Dec 2025 19:28

Tgt Ion: 74 Resp: 112739
Ion Ratio Lower Upper
74 100
45 78.6 42.0 126.1

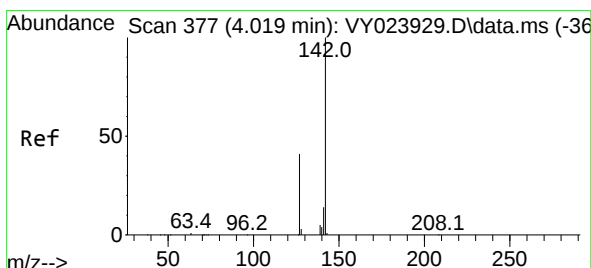
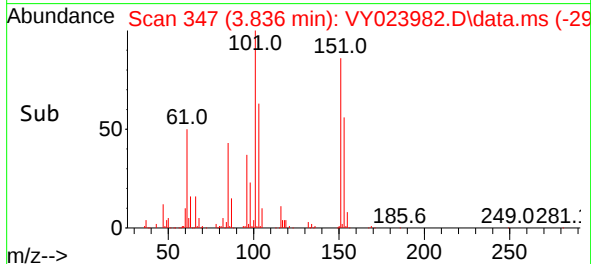
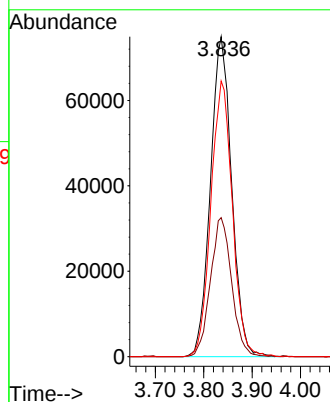
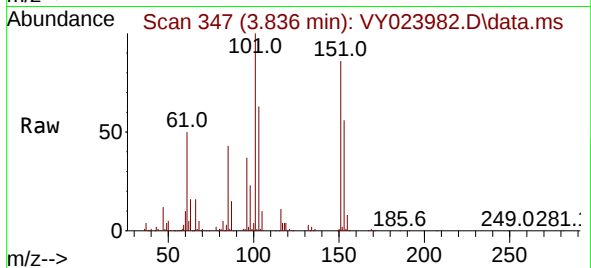




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.015 ug/l
RT: 3.836 min Scan# 345
Delta R.T. 0.012 min
Lab File: VY023982.D
Acq: 15 Dec 2025 19:28

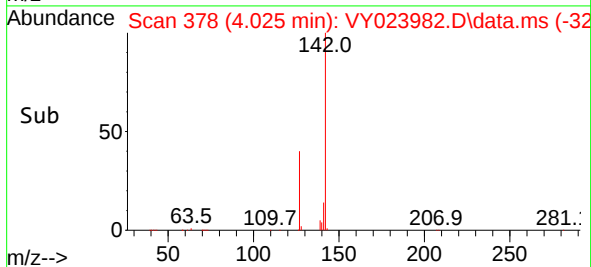
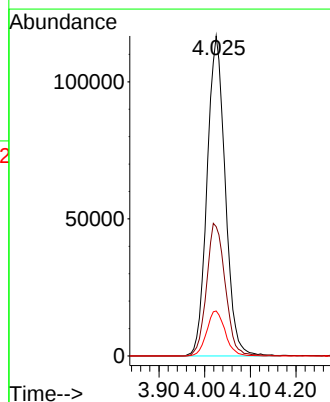
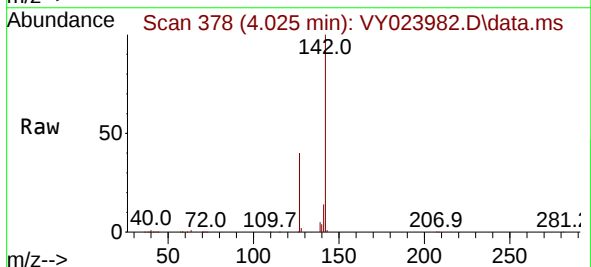
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

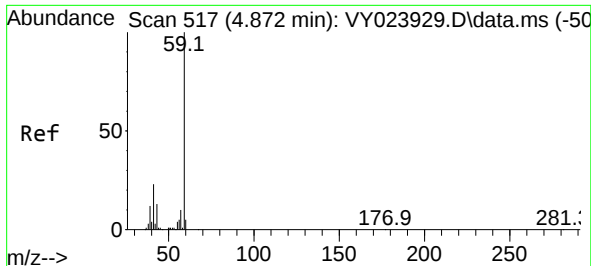
Tgt Ion:101 Resp: 228735
Ion Ratio Lower Upper
101 100
85 43.5 35.1 52.7
151 87.1 67.2 100.8



#10
Methyl Iodide
Concen: 53.642 ug/l
RT: 4.025 min Scan# 378
Delta R.T. 0.006 min
Lab File: VY023982.D
Acq: 15 Dec 2025 19:28

Tgt Ion:142 Resp: 321699
Ion Ratio Lower Upper
142 100
127 42.7 34.5 51.7
141 14.4 11.5 17.3





#11

Tert butyl alcohol

Concen: 200.098 ug/l

RT: 4.879 min Scan# 517

Delta R.T. 0.006 min

Lab File: VY023982.D

Acq: 15 Dec 2025 19:28

Instrument :

MSVOA_Y

ClientSampleId :

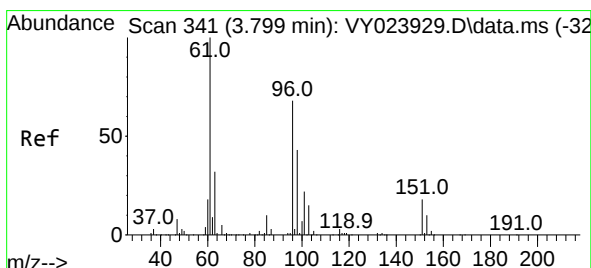
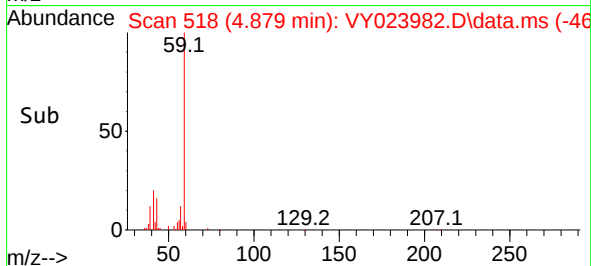
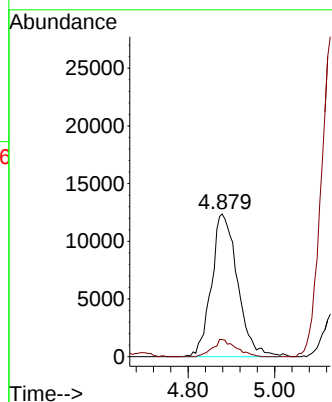
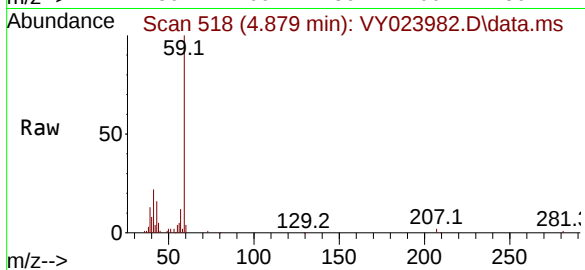
VSTDCCC050EC

Tgt Ion: 59 Resp: 51604

Ion Ratio Lower Upper

59 100

57 10.8 8.7 13.1



#12

1,1-Dichloroethene

Concen: 50.877 ug/l

RT: 3.806 min Scan# 342

Delta R.T. 0.006 min

Lab File: VY023982.D

Acq: 15 Dec 2025 19:28

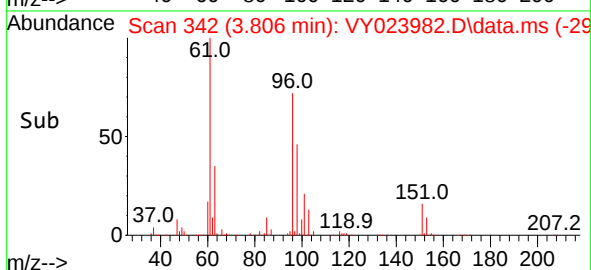
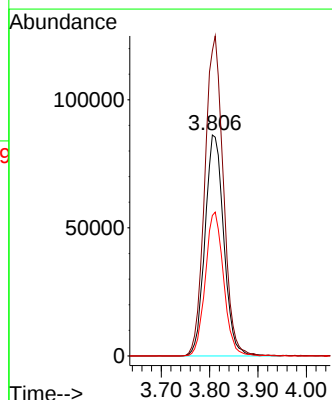
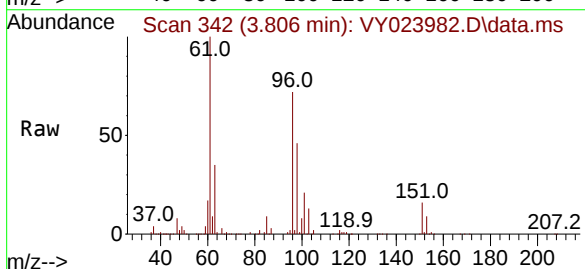
Tgt Ion: 96 Resp: 232568

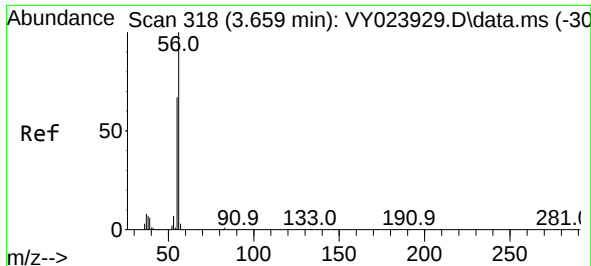
Ion Ratio Lower Upper

96 100

61 138.1 117.0 175.6

98 63.6 50.5 75.7

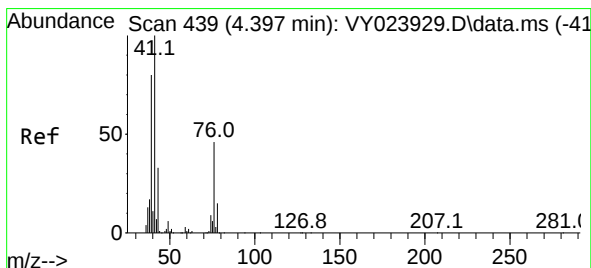
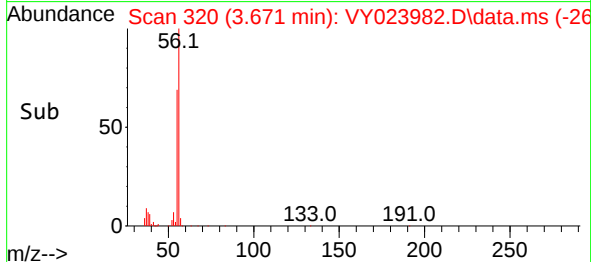
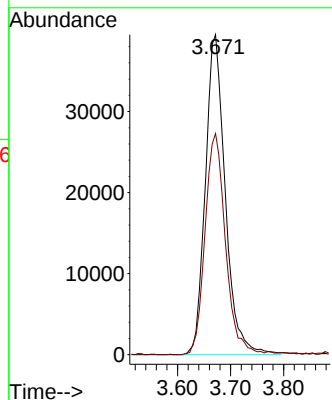
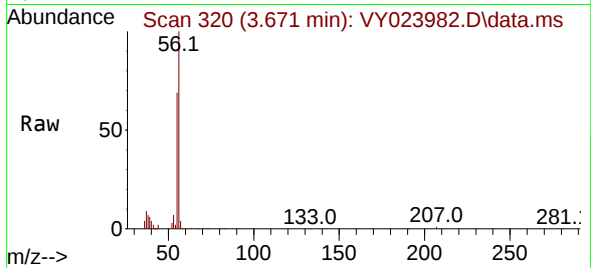




#13
Acrolein
Concen: 249.572 ug/l
RT: 3.671 min Scan# 318
Delta R.T. 0.012 min
Lab File: VY023982.D
Acq: 15 Dec 2025 19:28

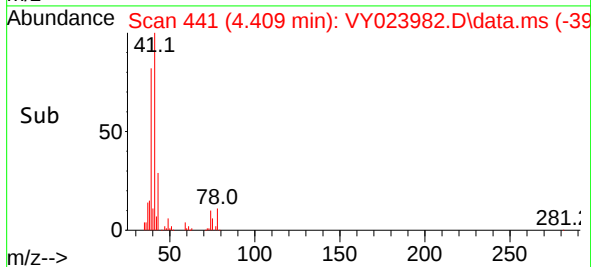
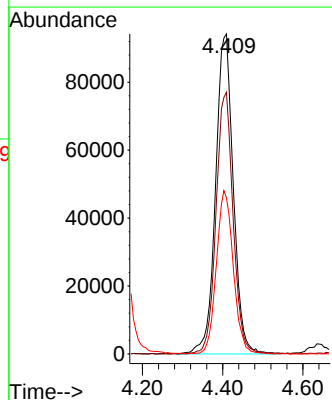
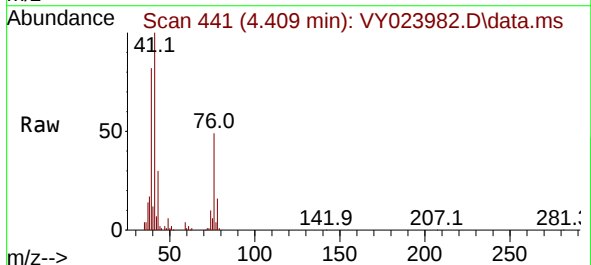
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

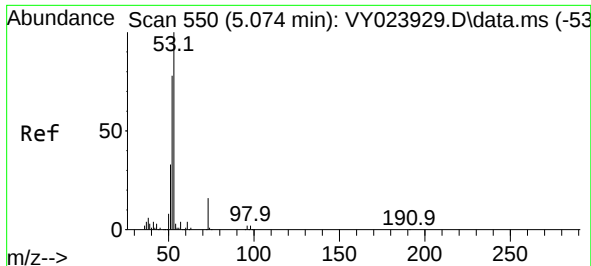
Tgt Ion: 56 Resp: 102940
Ion Ratio Lower Upper
56 100
55 70.9 55.7 83.5



#14
Allyl chloride
Concen: 49.533 ug/l
RT: 4.409 min Scan# 441
Delta R.T. 0.012 min
Lab File: VY023982.D
Acq: 15 Dec 2025 19:28

Tgt Ion: 41 Resp: 289716
Ion Ratio Lower Upper
41 100
39 78.8 62.9 94.3
76 48.8 35.7 53.5





#15

Acrylonitrile

Concen: 223.607 ug/l

RT: 5.080 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023982.D

Acq: 15 Dec 2025 19:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

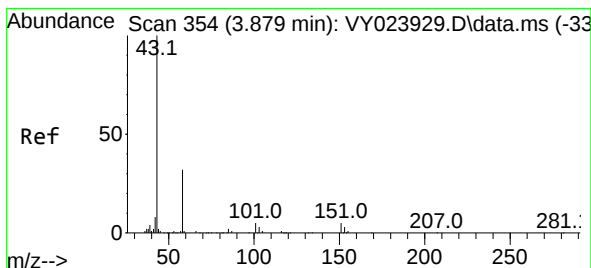
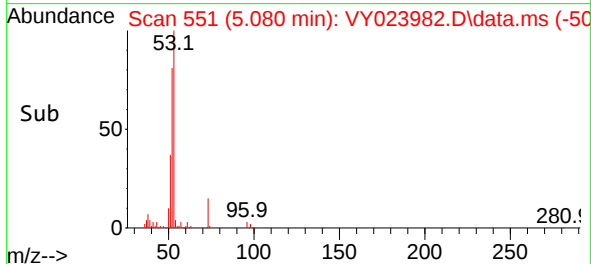
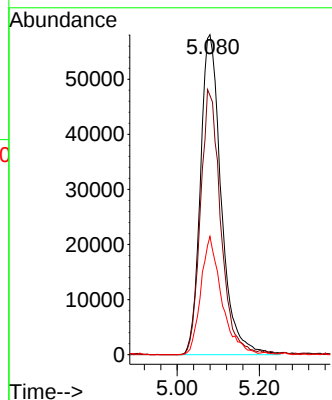
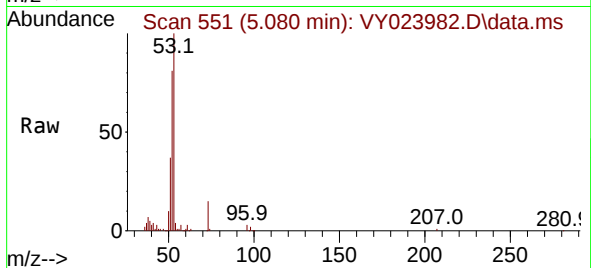
Tgt Ion: 53 Resp: 204320

Ion Ratio Lower Upper

53 100

52 80.2 64.2 96.2

51 37.0 29.3 43.9



#16

Acetone

Concen: 178.692 ug/l

RT: 3.885 min Scan# 355

Delta R.T. 0.006 min

Lab File: VY023982.D

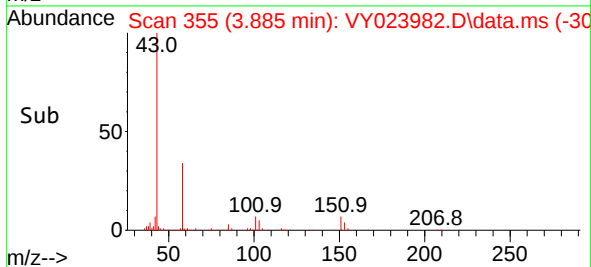
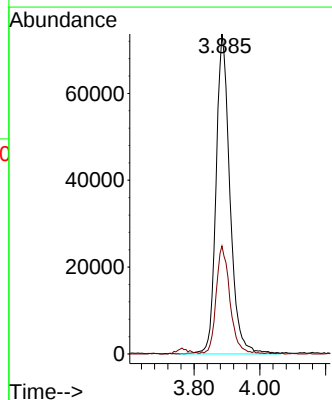
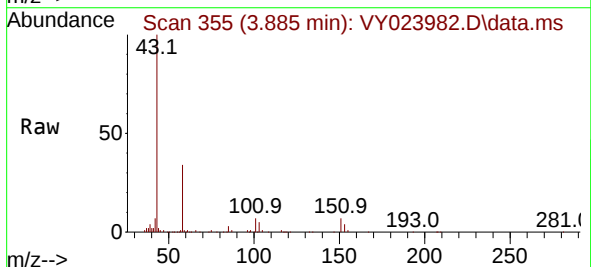
Acq: 15 Dec 2025 19:28

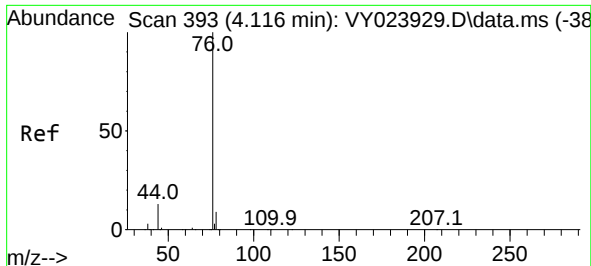
Tgt Ion: 43 Resp: 216390

Ion Ratio Lower Upper

43 100

58 33.7 26.4 39.6

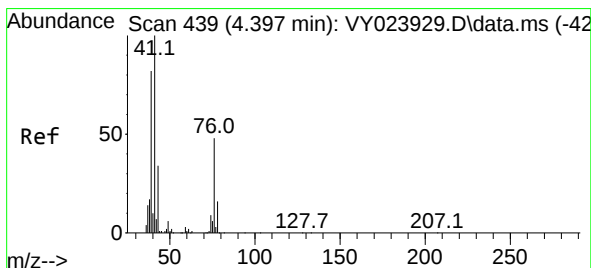
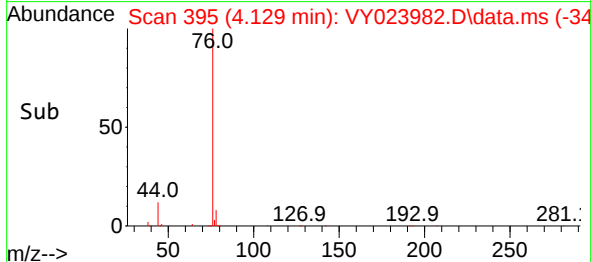
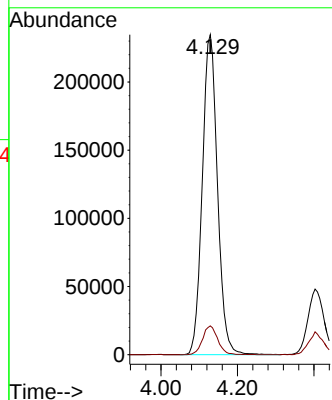
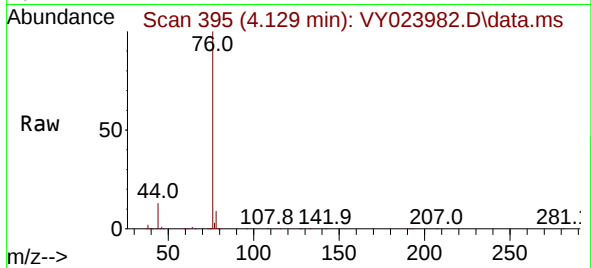




#17
Carbon Disulfide
Concen: 53.176 ug/l
RT: 4.129 min Scan# 393
Delta R.T. 0.012 min
Lab File: VY023982.D
Acq: 15 Dec 2025 19:28

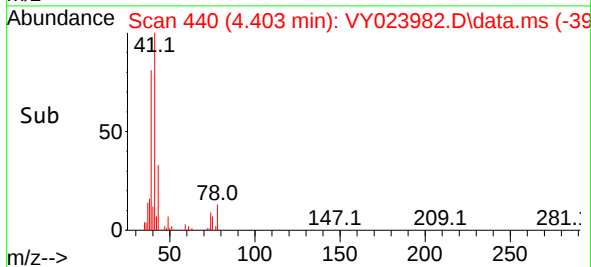
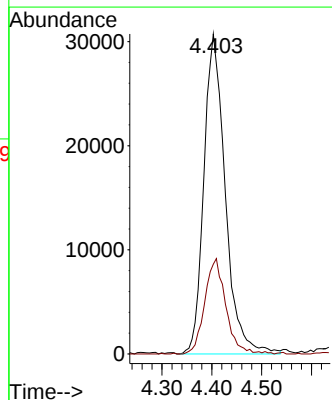
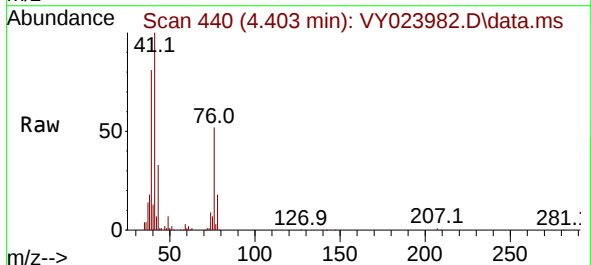
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

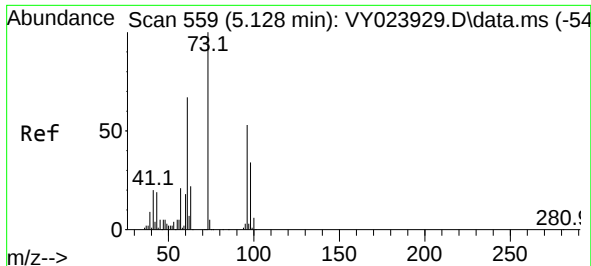
Tgt Ion: 76 Resp: 645518
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 45.529 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY023982.D
Acq: 15 Dec 2025 19:28

Tgt Ion: 43 Resp: 91742
Ion Ratio Lower Upper
43 100
74 29.0 22.6 33.8

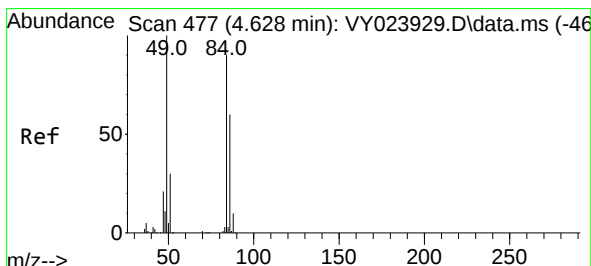
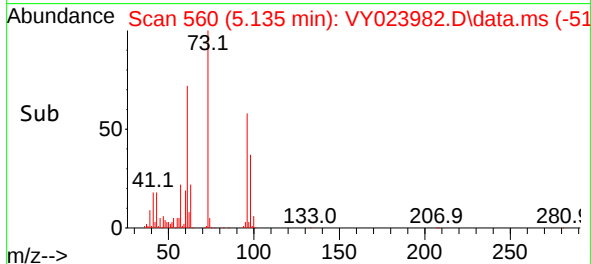
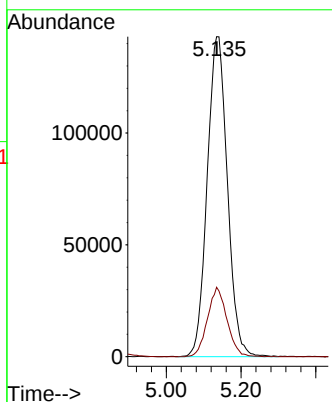
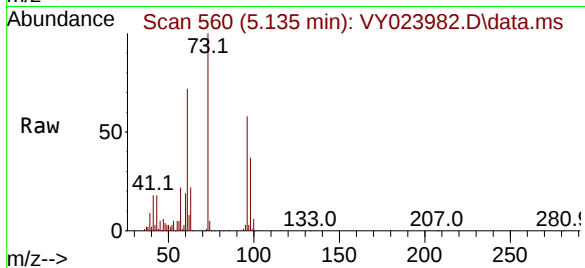




#19
Methyl tert-butyl Ether
Concen: 49.145 ug/l
RT: 5.135 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023982.D
Acq: 15 Dec 2025 19:28

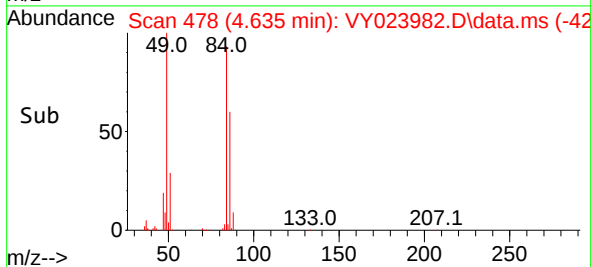
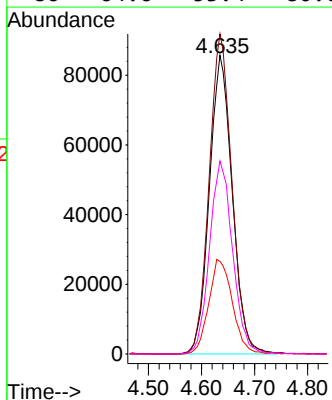
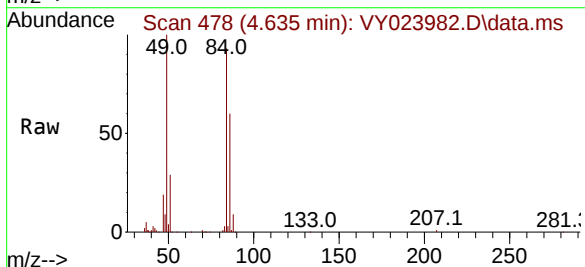
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

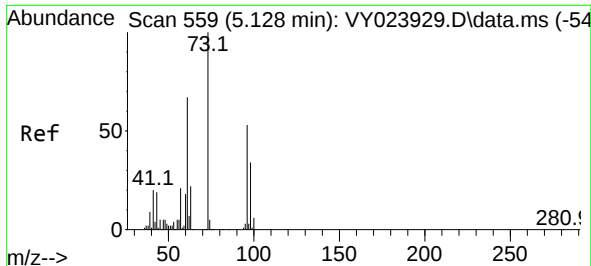
Tgt Ion: 73 Resp: 537218
Ion Ratio Lower Upper
73 100
57 21.7 17.1 25.7



#20
Methylene Chloride
Concen: 49.046 ug/l
RT: 4.635 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY023982.D
Acq: 15 Dec 2025 19:28

Tgt Ion: 84 Resp: 256972
Ion Ratio Lower Upper
84 100
49 107.1 89.1 133.7
51 31.0 26.6 39.8
86 64.6 53.4 80.0

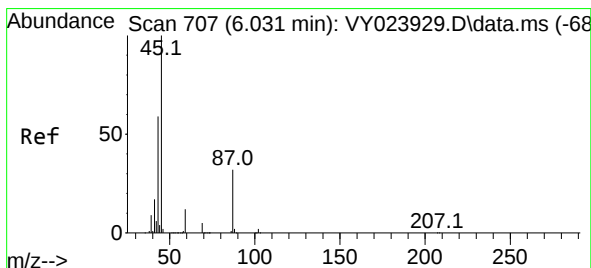
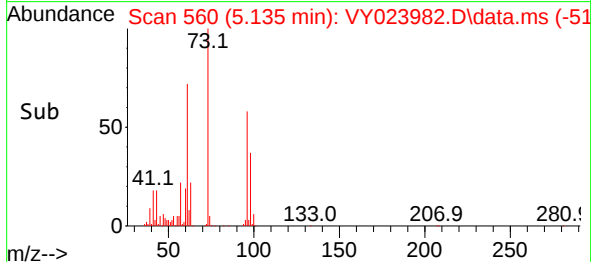
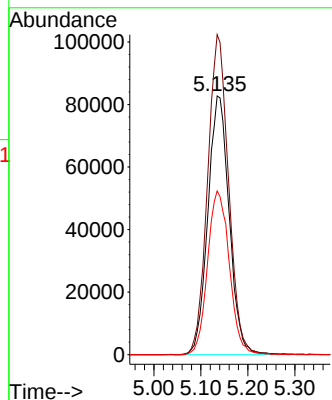
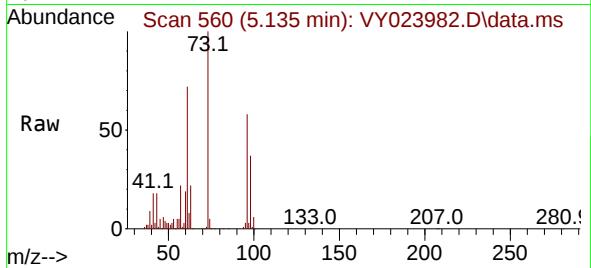




#21
trans-1,2-Dichloroethene
Concen: 51.966 ug/l
RT: 5.135 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023982.D
Acq: 15 Dec 2025 19:28

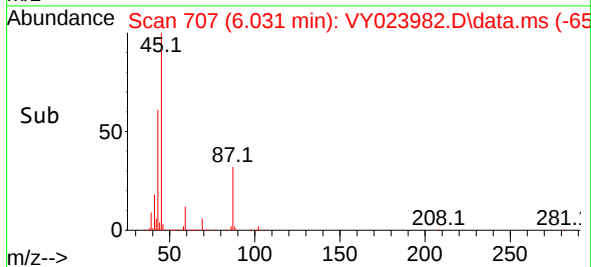
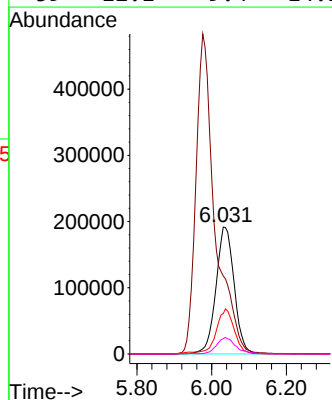
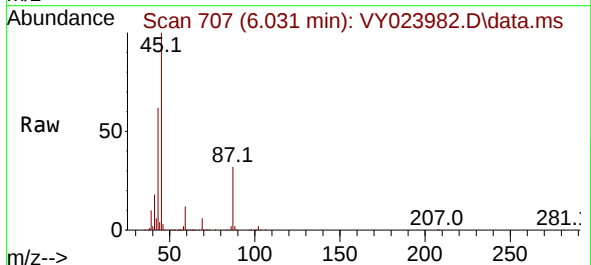
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

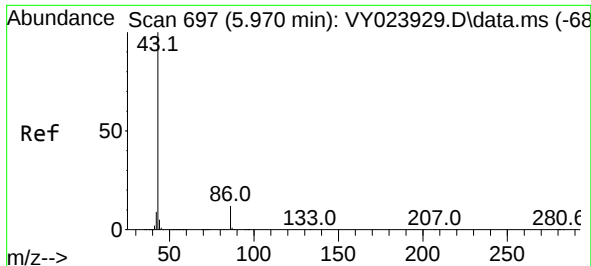
Tgt Ion: 96 Resp: 260774
Ion Ratio Lower Upper
96 100
61 123.7 101.4 152.0
98 63.3 51.7 77.5



#22
Diisopropyl ether
Concen: 48.774 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.000 min
Lab File: VY023982.D
Acq: 15 Dec 2025 19:28

Tgt Ion: 45 Resp: 649605
Ion Ratio Lower Upper
45 100
43 61.2 47.0 70.6
87 31.8 26.0 39.0
59 12.1 9.4 14.2

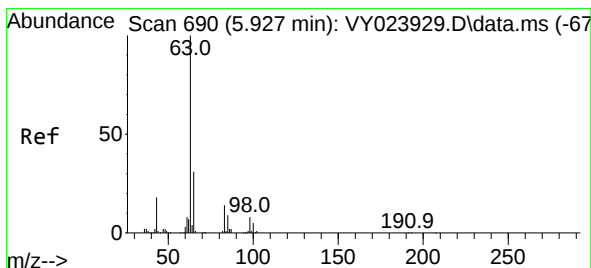
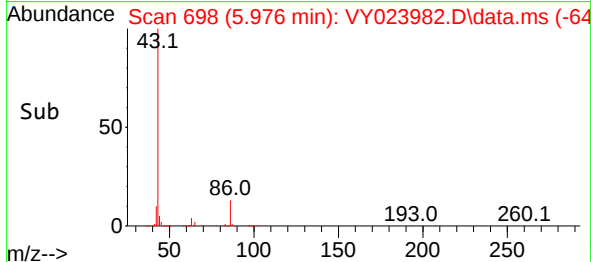
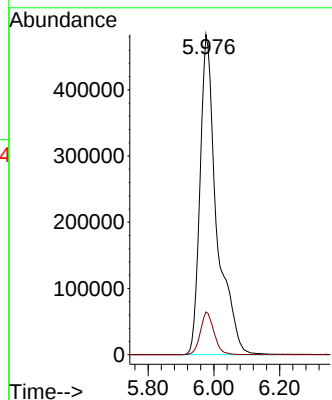
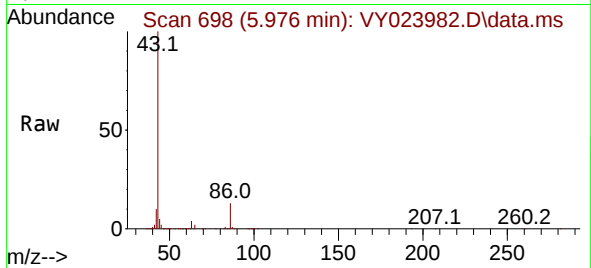




#23
 Vinyl Acetate
 Concen: 230.577 ug/l
 RT: 5.976 min Scan# 697
 Delta R.T. 0.006 min
 Lab File: VY023982.D
 Acq: 15 Dec 2025 19:28

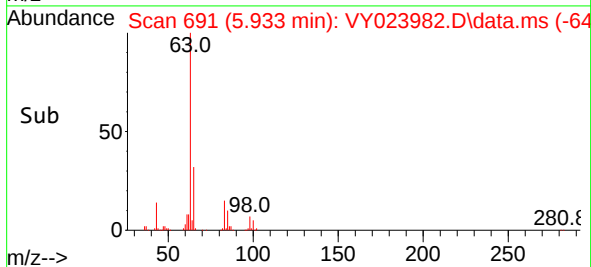
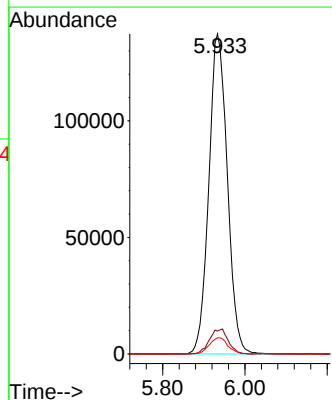
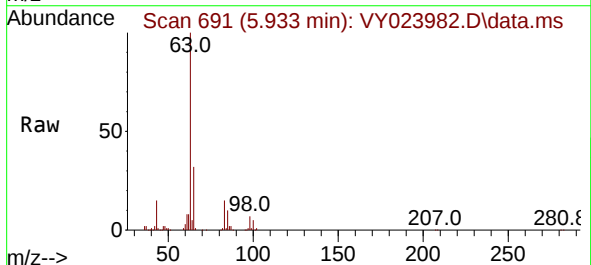
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

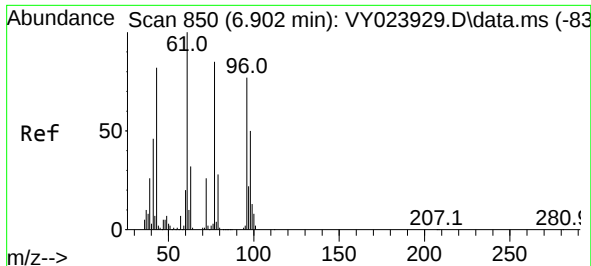
Tgt Ion: 43 Resp: 1706325
 Ion Ratio Lower Upper
 43 100
 86 13.3 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 51.693 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. 0.006 min
 Lab File: VY023982.D
 Acq: 15 Dec 2025 19:28

Tgt Ion: 63 Resp: 429127
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.4
 100 5.0 2.3 6.9





#25

2-Butanone

Concen: 183.728 ug/l

RT: 6.909 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY023982.D

Acq: 15 Dec 2025 19:28

Instrument :

MSVOA_Y

ClientSampleId :

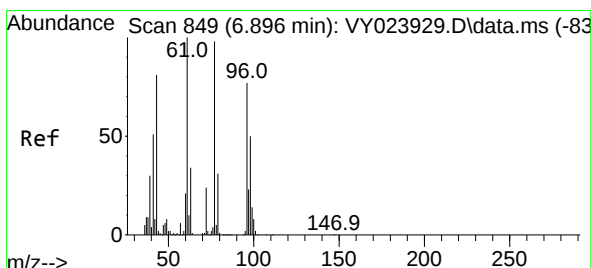
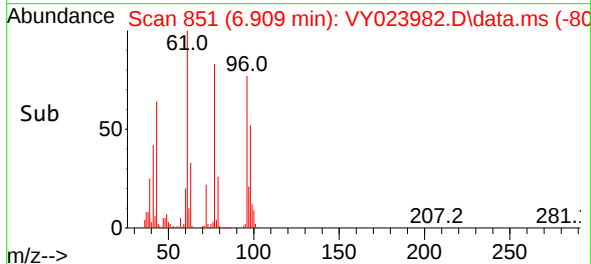
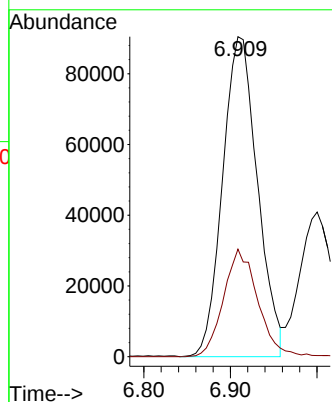
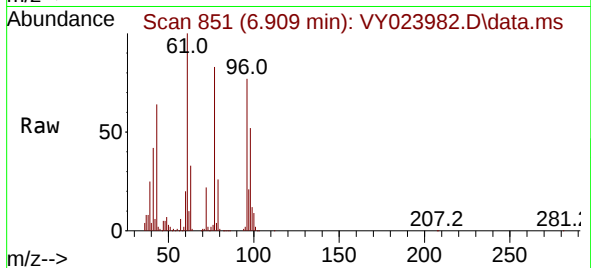
VSTDCCC050EC

Tgt Ion: 43 Resp: 252871

Ion Ratio Lower Upper

43 100

72 33.6 25.0 37.6



#26

2,2-Dichloropropane

Concen: 47.819 ug/l

RT: 6.903 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY023982.D

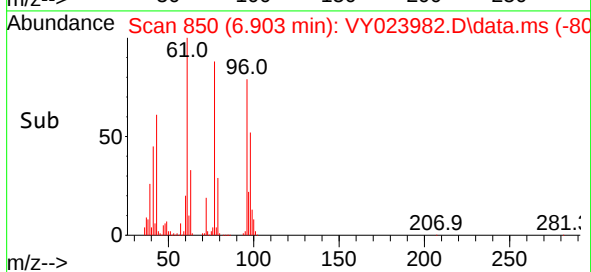
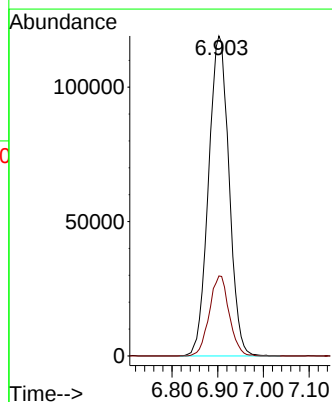
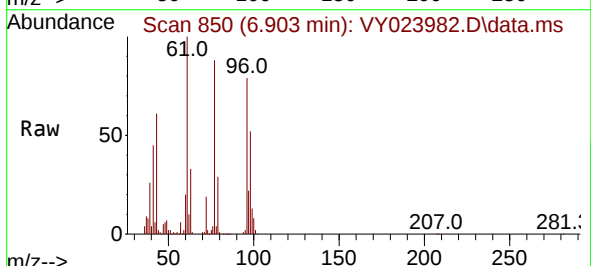
Acq: 15 Dec 2025 19:28

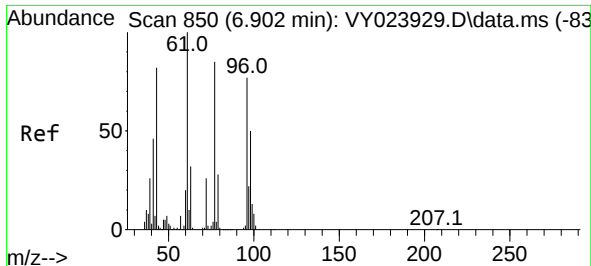
Tgt Ion: 77 Resp: 370657

Ion Ratio Lower Upper

77 100

97 24.2 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 53.193 ug/l

RT: 6.909 min Scan# 851

Delta R.T. 0.006 min

Lab File: VY023982.D

Acq: 15 Dec 2025 19:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

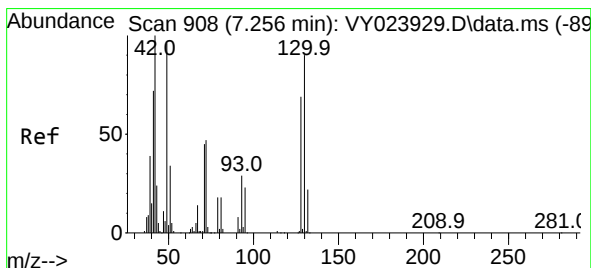
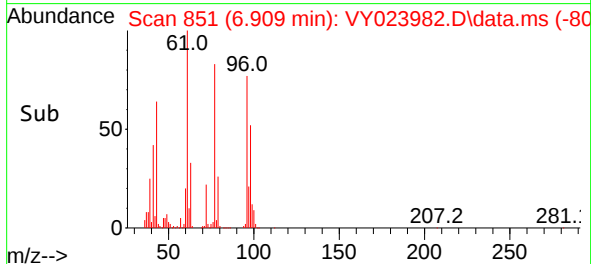
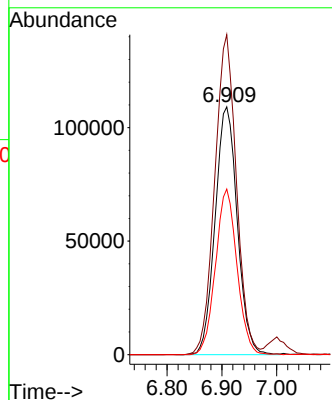
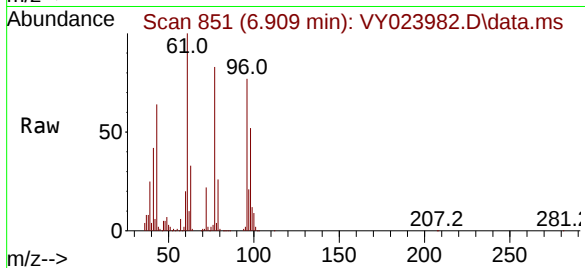
Tgt Ion: 96 Resp: 306427

Ion Ratio Lower Upper

96 100

61 126.2 0.0 264.6

98 64.8 0.0 129.6



#28

Bromochloromethane

Concen: 46.740 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.006 min

Lab File: VY023982.D

Acq: 15 Dec 2025 19:28

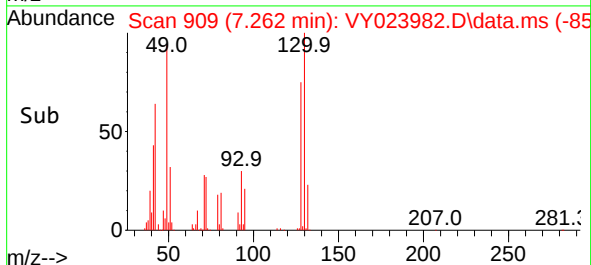
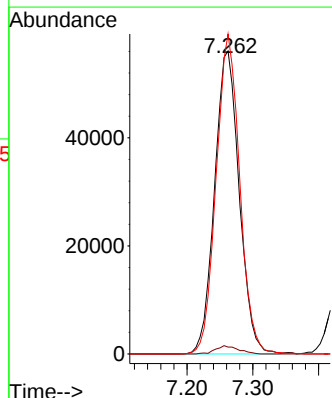
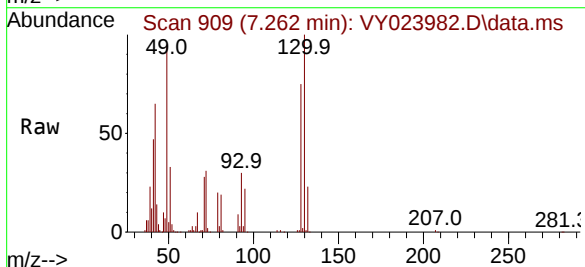
Tgt Ion: 49 Resp: 146176

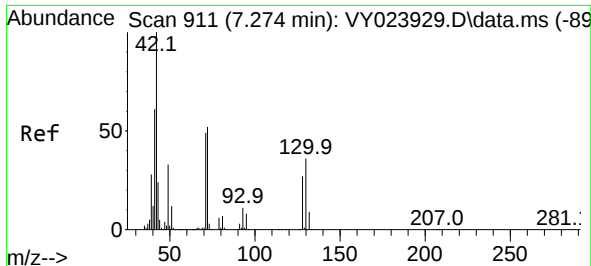
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.4

130 101.0 74.4 111.6





#29

Tetrahydrofuran

Concen: 214.317 ug/l

RT: 7.281 min Scan# 911

Delta R.T. 0.006 min

Lab File: VY023982.D

Acq: 15 Dec 2025 19:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

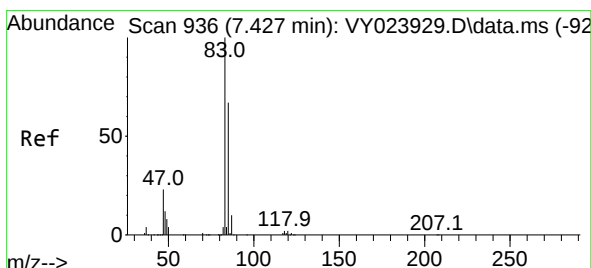
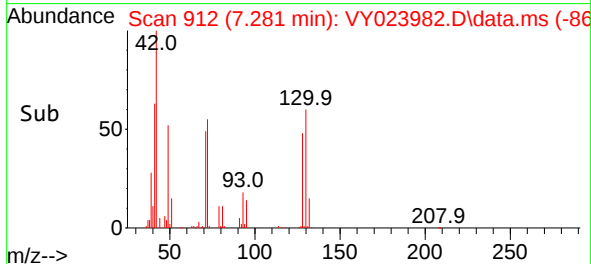
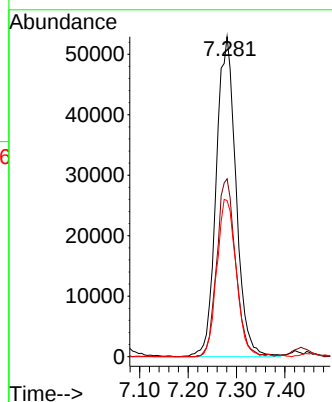
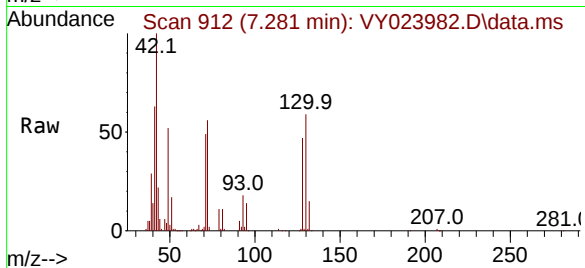
Tgt Ion: 42 Resp: 150435

Ion Ratio Lower Upper

42 100

72 53.2 40.0 60.0

71 48.0 37.7 56.5



#30

Chloroform

Concen: 51.561 ug/l

RT: 7.433 min Scan# 937

Delta R.T. 0.006 min

Lab File: VY023982.D

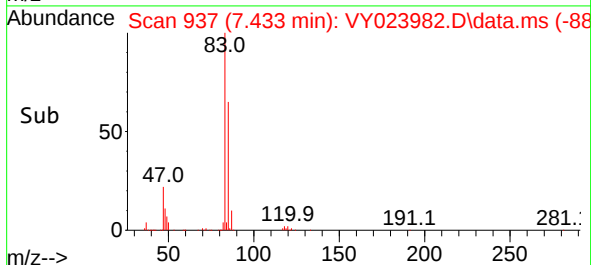
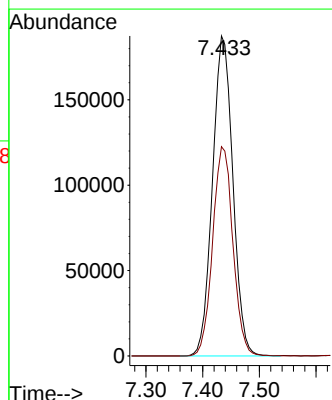
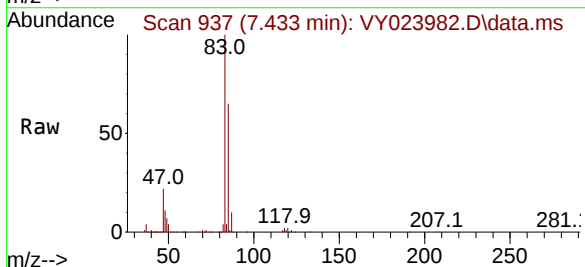
Acq: 15 Dec 2025 19:28

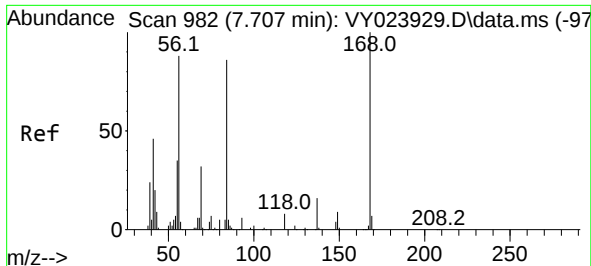
Tgt Ion: 83 Resp: 467554

Ion Ratio Lower Upper

83 100

85 65.4 53.4 80.0

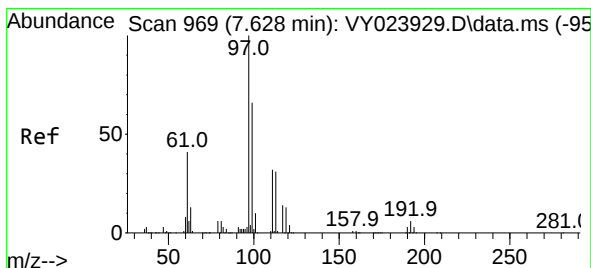
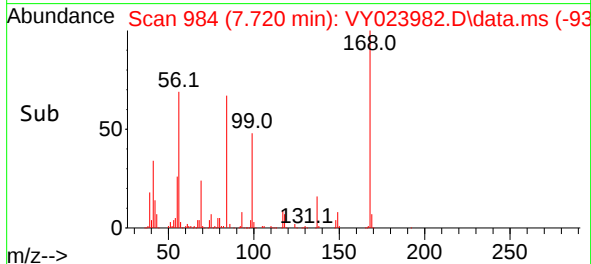
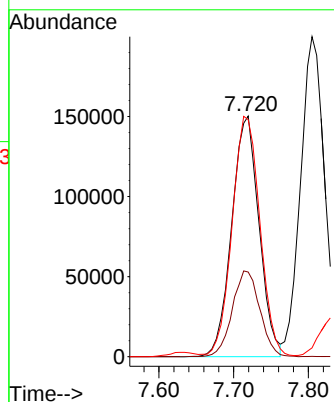
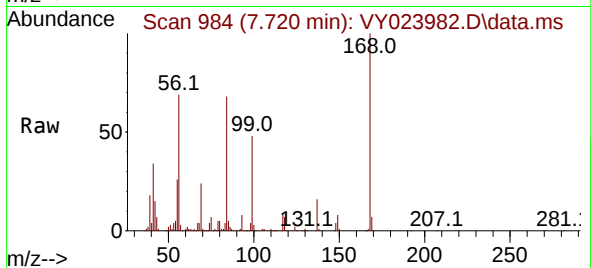




#31
Cyclohexane
Concen: 50.047 ug/l
RT: 7.720 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY023982.D
Acq: 15 Dec 2025 19:28

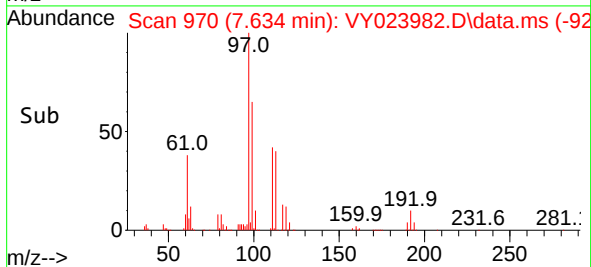
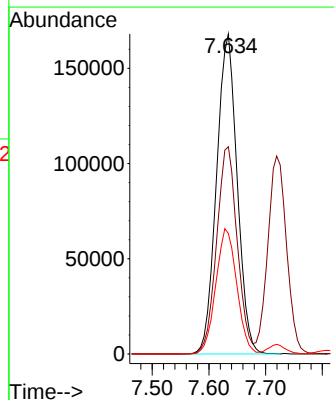
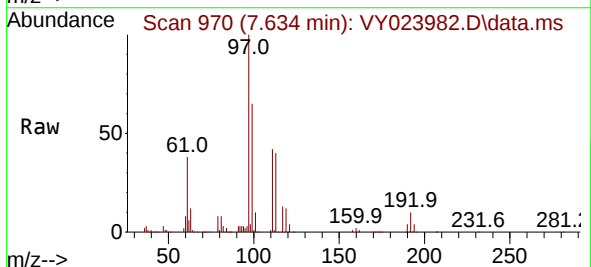
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

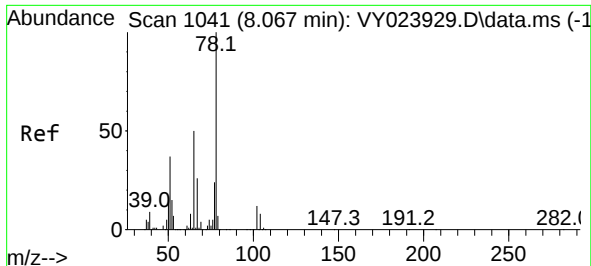
Tgt Ion: 56 Resp: 382244
Ion Ratio Lower Upper
56 100
69 35.2 29.1 43.7
84 96.7 77.8 116.8



#32
1,1,1-Trichloroethane
Concen: 50.411 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY023982.D
Acq: 15 Dec 2025 19:28

Tgt Ion: 97 Resp: 423902
Ion Ratio Lower Upper
97 100
99 64.8 51.4 77.0
61 39.8 32.8 49.2





#33

1,2-Dichloroethane-d4

Concen: 46.210 ug/l

RT: 8.073 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY023982.D

Acq: 15 Dec 2025 19:28

Instrument :

MSVOA_Y

ClientSampleId :

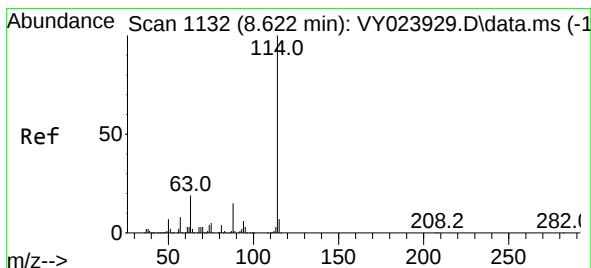
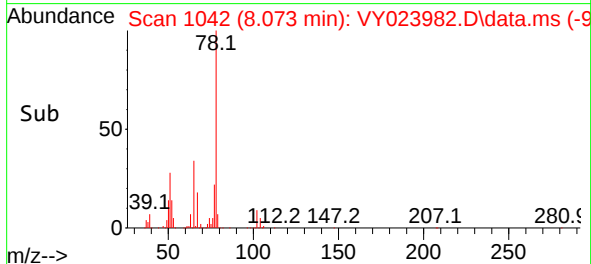
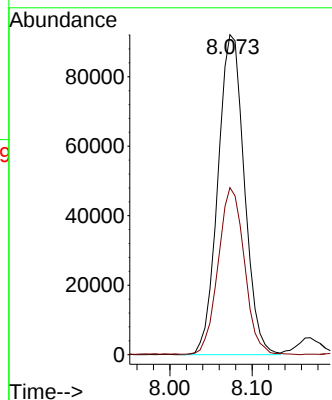
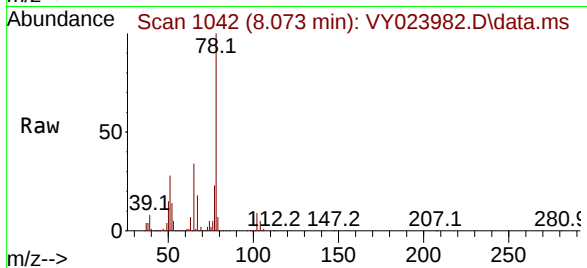
VSTDCCC050EC

Tgt Ion: 65 Resp: 205801

Ion Ratio Lower Upper

65 100

67 51.8 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VY023982.D

Acq: 15 Dec 2025 19:28

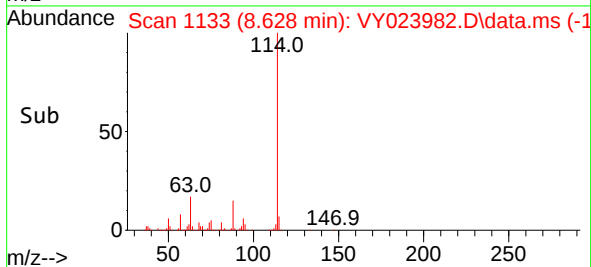
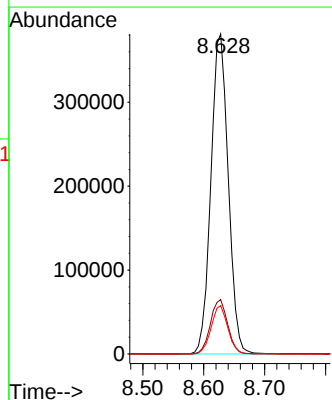
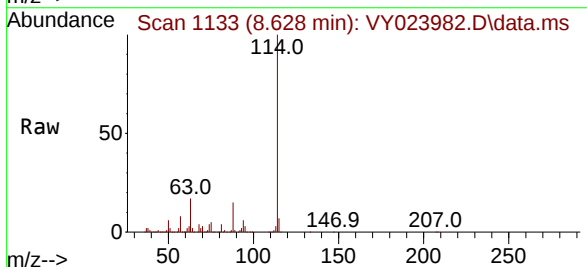
Tgt Ion: 114 Resp: 754099

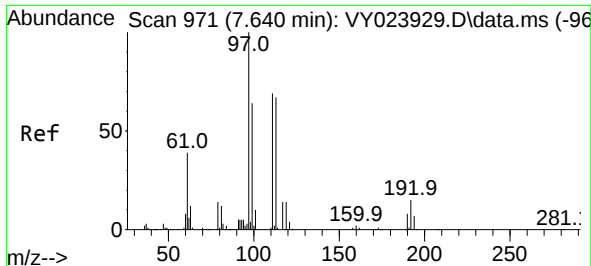
Ion Ratio Lower Upper

114 100

63 17.0 0.0 37.2

88 15.1 0.0 29.4

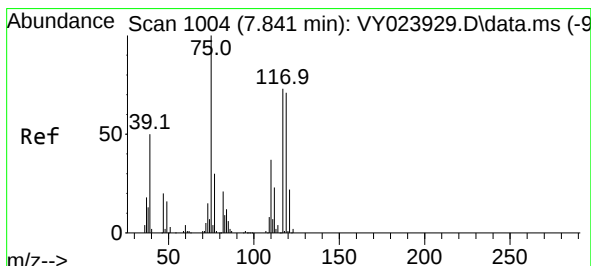
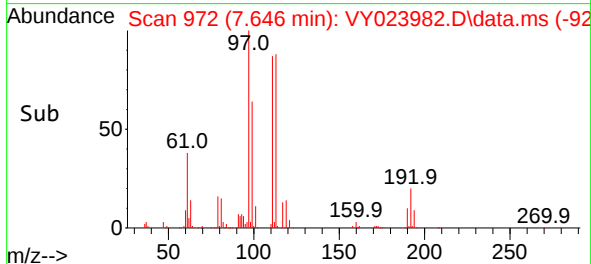
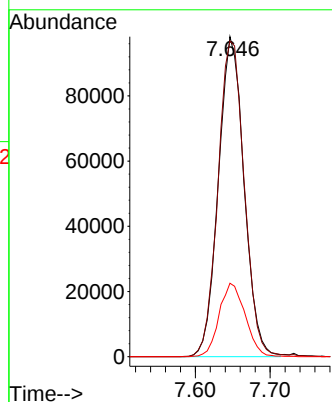
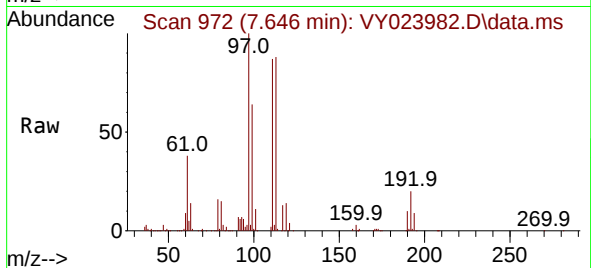




#35
Dibromofluoromethane
Concen: 47.532 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023982.D
Acq: 15 Dec 2025 19:28

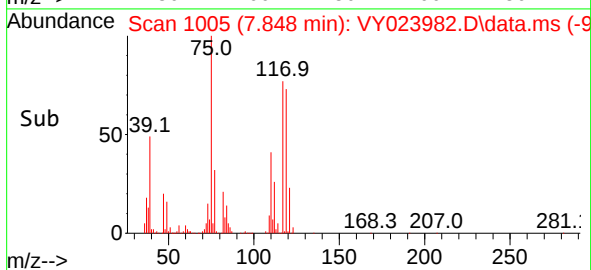
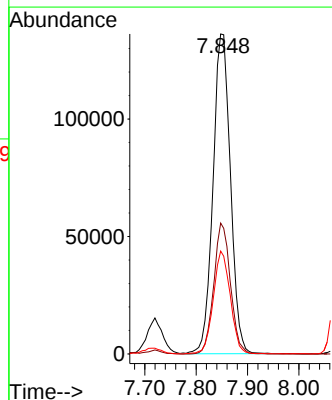
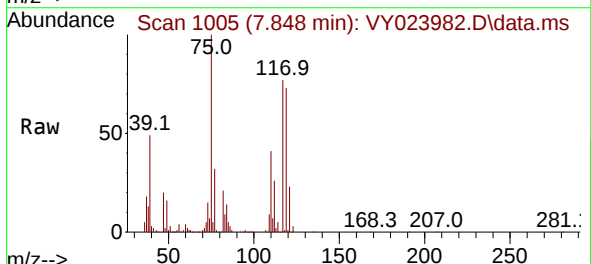
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

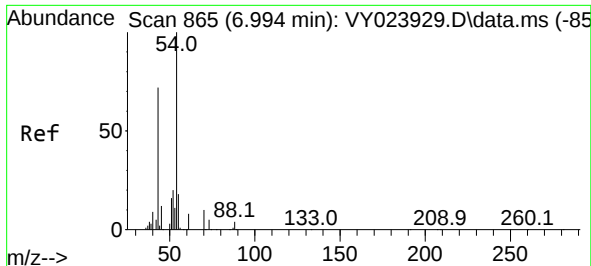
Tgt Ion:113 Resp: 234308
Ion Ratio Lower Upper
113 100
111 101.7 82.4 123.6
192 23.3 17.9 26.9



#36
1,1-Dichloropropene
Concen: 47.923 ug/l
RT: 7.848 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VY023982.D
Acq: 15 Dec 2025 19:28

Tgt Ion: 75 Resp: 321611
Ion Ratio Lower Upper
75 100
110 39.0 19.2 57.6
77 31.5 24.4 36.6





#37

Ethyl Acetate

Concen: 41.399 ug/l

RT: 7.000 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY023982.D

Acq: 15 Dec 2025 19:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

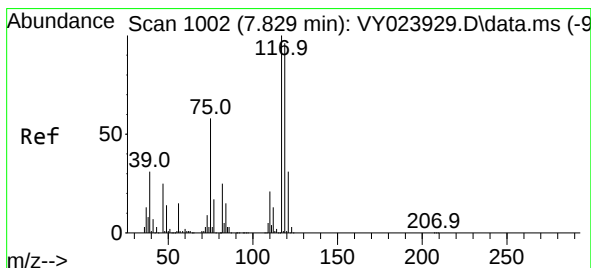
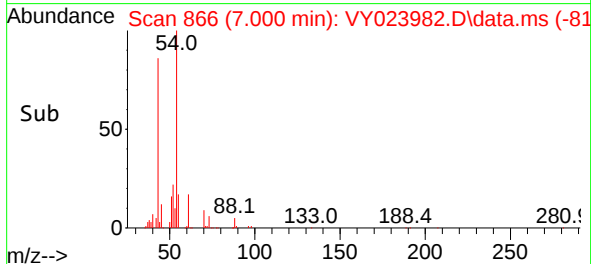
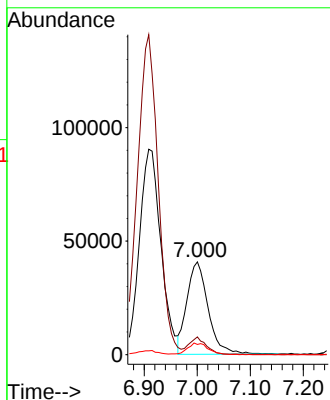
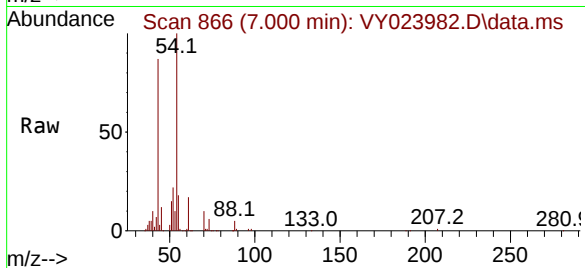
Tgt Ion: 43 Resp: 113134

Ion Ratio Lower Upper

43 100

61 14.9 11.9 17.9

70 12.3 9.2 13.8



#38

Carbon Tetrachloride

Concen: 47.176 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.006 min

Lab File: VY023982.D

Acq: 15 Dec 2025 19:28

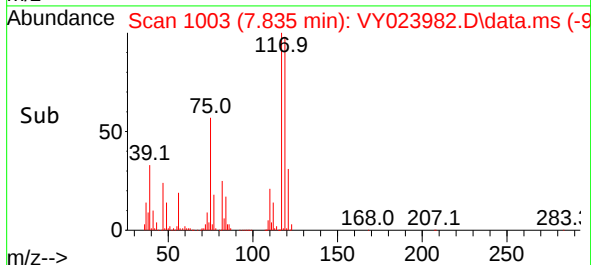
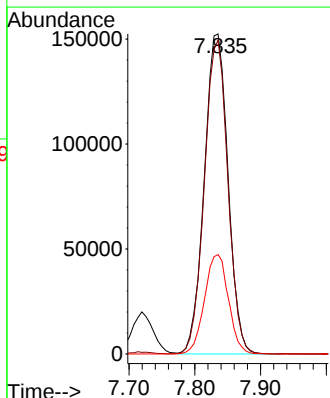
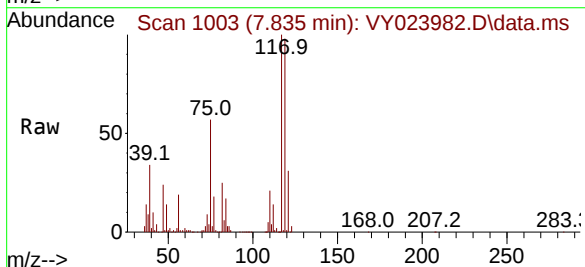
Tgt Ion: 117 Resp: 383748

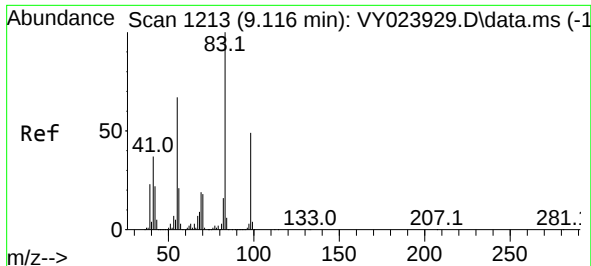
Ion Ratio Lower Upper

117 100

119 98.1 76.6 114.8

121 31.1 24.8 37.2





#39

Methylcyclohexane

Concen: 71.899 ug/l

RT: 9.122 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023982.D

Acq: 15 Dec 2025 19:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

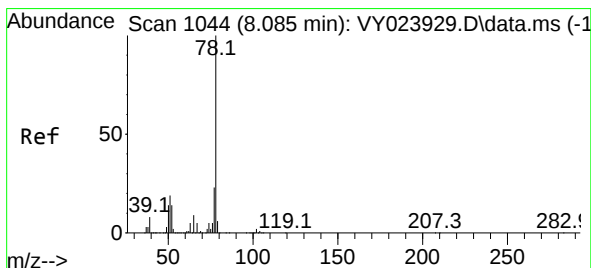
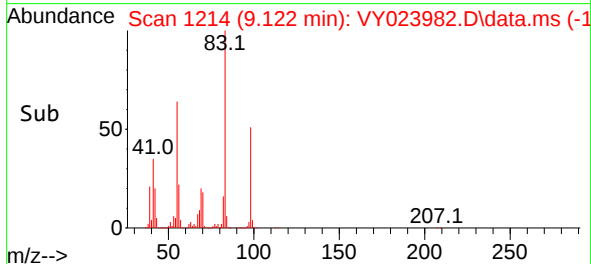
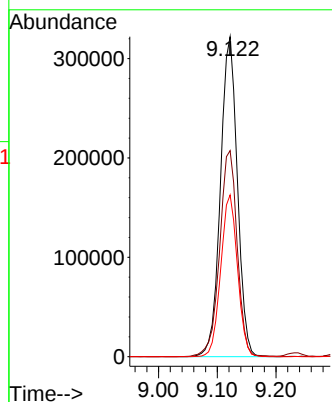
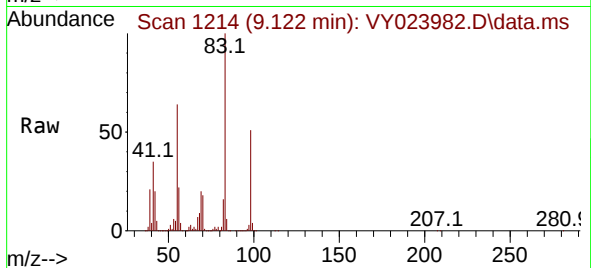
Tgt Ion: 83 Resp: 644656

Ion Ratio Lower Upper

83 100

55 64.4 53.4 80.0

98 50.5 39.2 58.8



#40

Benzene

Concen: 76.289 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.006 min

Lab File: VY023982.D

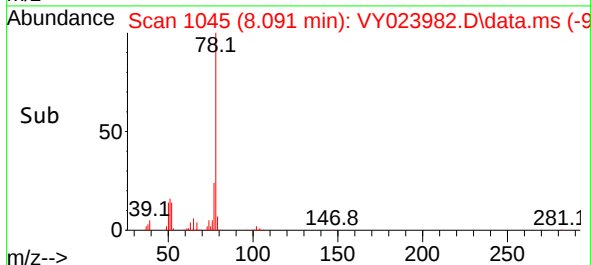
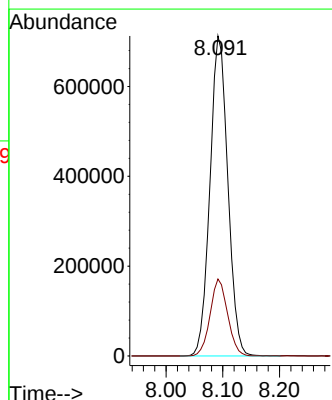
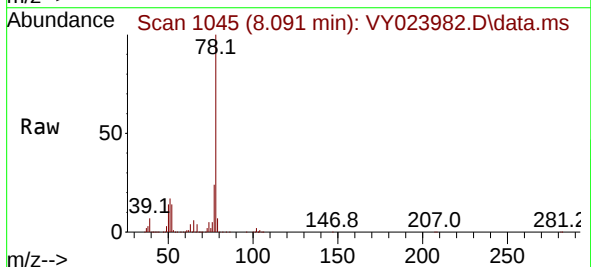
Acq: 15 Dec 2025 19:28

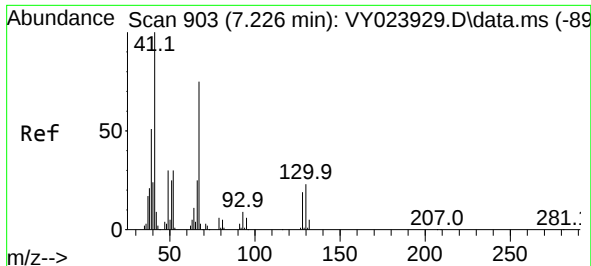
Tgt Ion: 78 Resp: 1559082

Ion Ratio Lower Upper

78 100

77 24.0 18.3 27.5

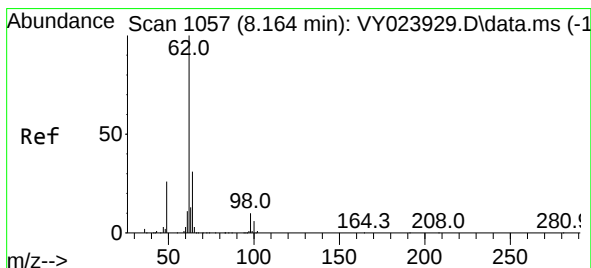
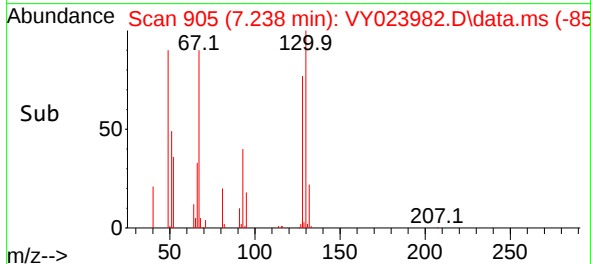
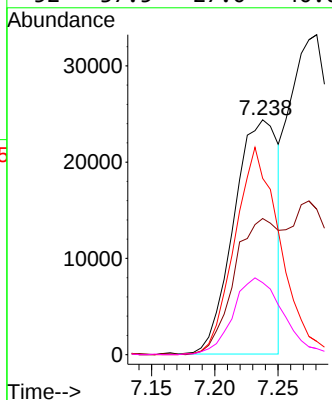
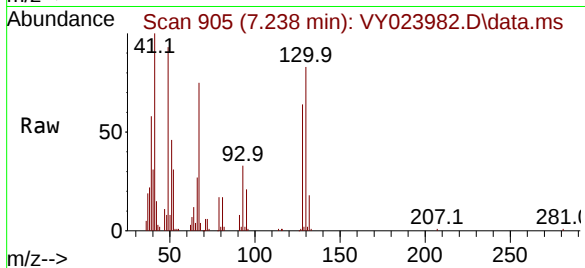




#41
Methacrylonitrile
Concen: 39.249 ug/l
RT: 7.238 min Scan# 903
Delta R.T. 0.012 min
Lab File: VY023982.D
Acq: 15 Dec 2025 19:28

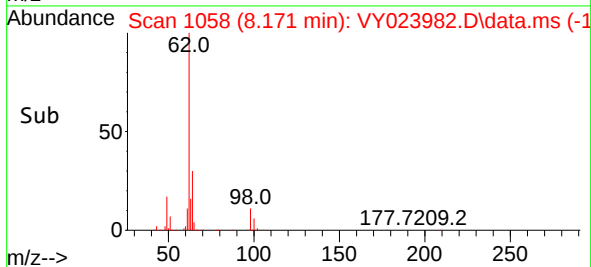
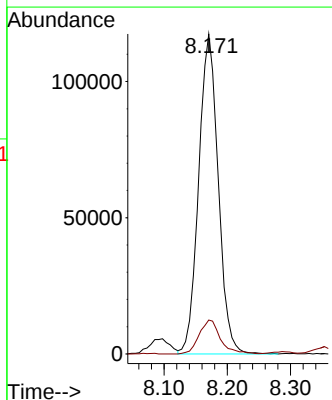
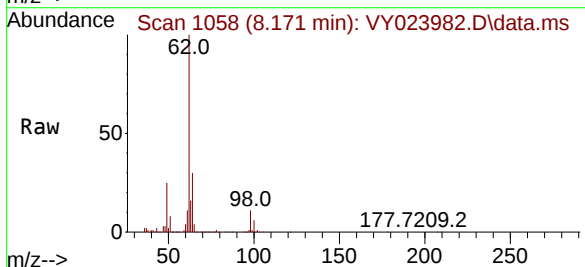
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

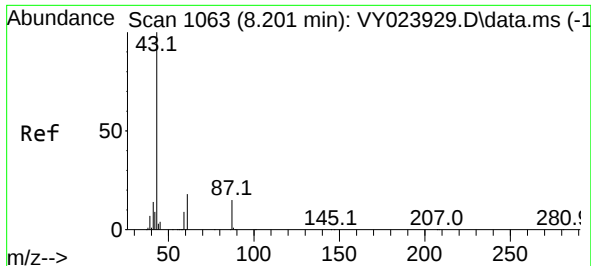
Tgt Ion: 41	Resp: 59006
Ion Ratio	Lower Upper
41 100	
39 57.7	50.6 75.8
67 92.3	68.0 102.0
52 37.5	27.0 40.6



#42
1,2-Dichloroethane
Concen: 47.164 ug/l
RT: 8.171 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY023982.D
Acq: 15 Dec 2025 19:28

Tgt Ion: 62	Resp: 252765
Ion Ratio	Lower Upper
62 100	
98 11.5	0.0 20.8





#43

Isopropyl Acetate

Concen: 44.218 ug/l

RT: 8.207 min Scan# 1064

Delta R.T. 0.006 min

Lab File: VY023982.D

Acq: 15 Dec 2025 19:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

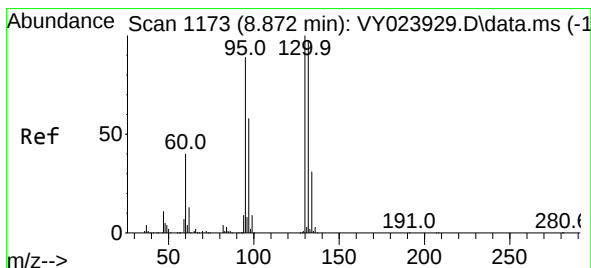
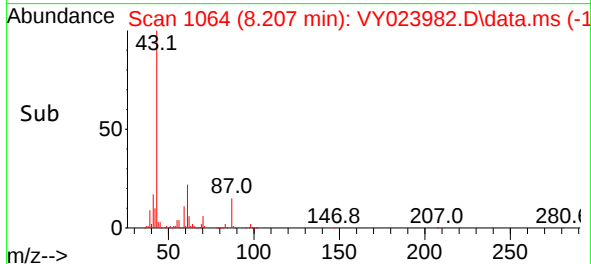
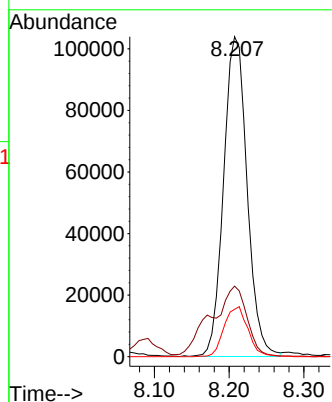
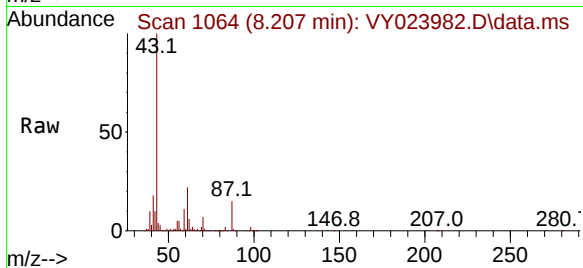
Tgt Ion: 43 Resp: 227585

Ion Ratio Lower Upper

43 100

61 34.1 17.4 26.2#

87 15.9 12.3 18.5



#44

Trichloroethene

Concen: 50.352 ug/l

RT: 8.878 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VY023982.D

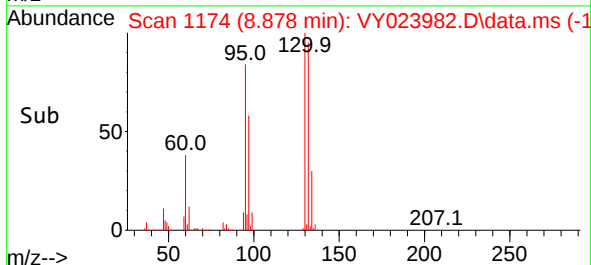
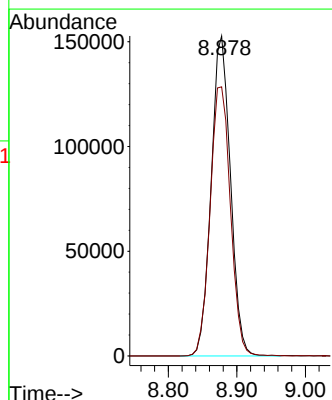
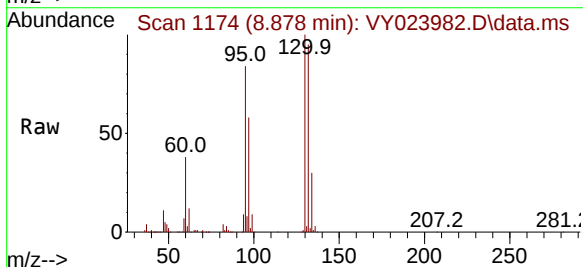
Acq: 15 Dec 2025 19:28

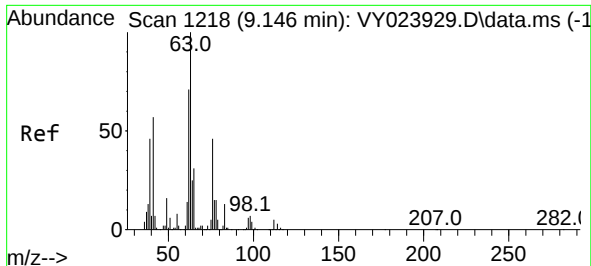
Tgt Ion:130 Resp: 298373

Ion Ratio Lower Upper

130 100

95 84.1 0.0 178.8

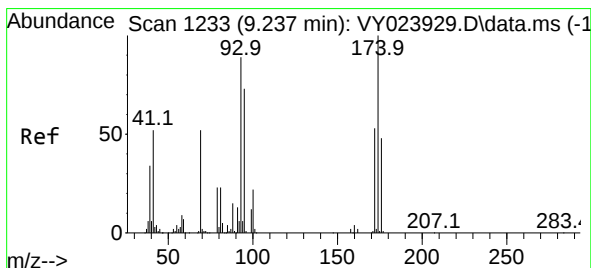
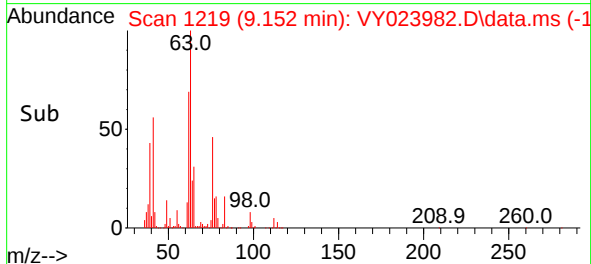
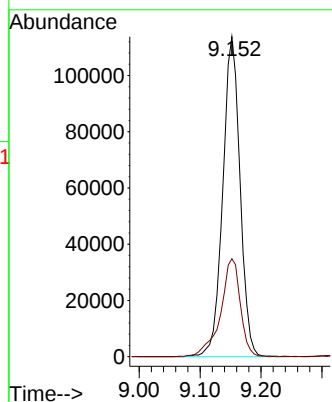
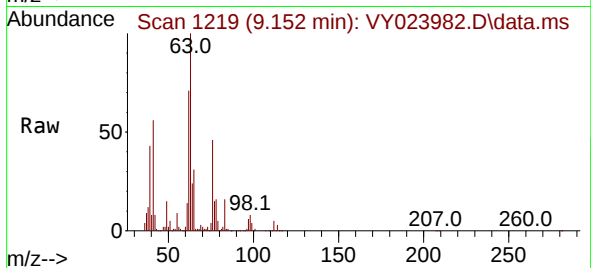




#45
1,2-Dichloropropane
Concen: 48.606 ug/l
RT: 9.152 min Scan# 1219
Delta R.T. 0.006 min
Lab File: VY023982.D
Acq: 15 Dec 2025 19:28

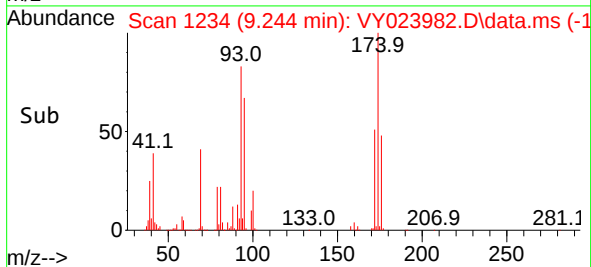
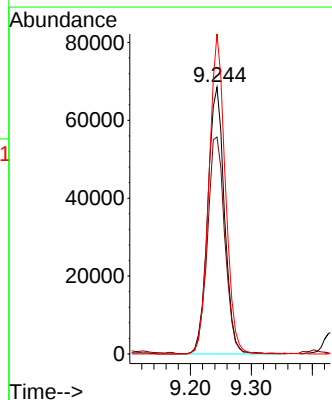
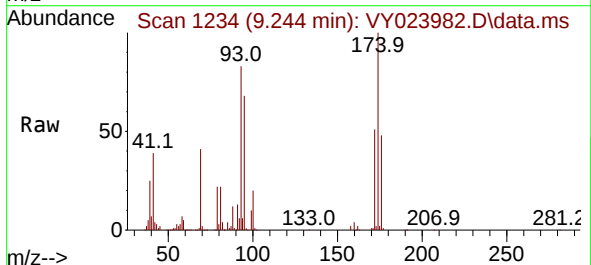
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

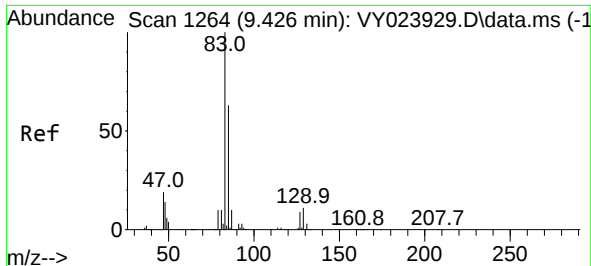
Tgt Ion: 63 Resp: 224122
Ion Ratio Lower Upper
63 100
65 30.6 25.1 37.7



#46
Dibromomethane
Concen: 48.059 ug/l
RT: 9.244 min Scan# 1234
Delta R.T. 0.006 min
Lab File: VY023982.D
Acq: 15 Dec 2025 19:28

Tgt Ion: 93 Resp: 130519
Ion Ratio Lower Upper
93 100
95 84.0 65.1 97.7
174 117.1 90.6 136.0

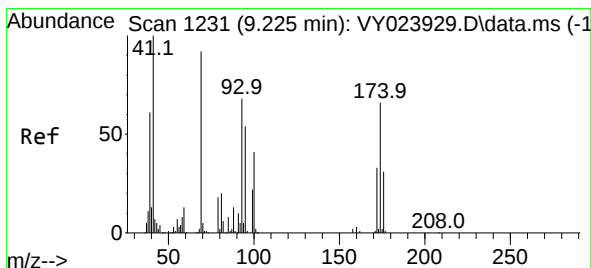
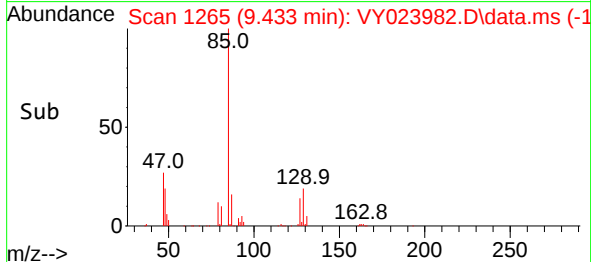
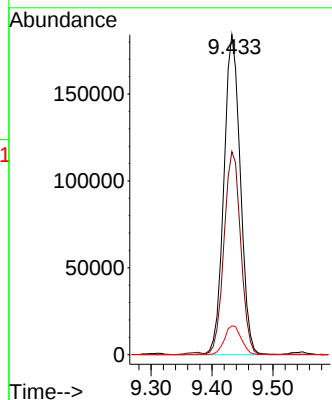
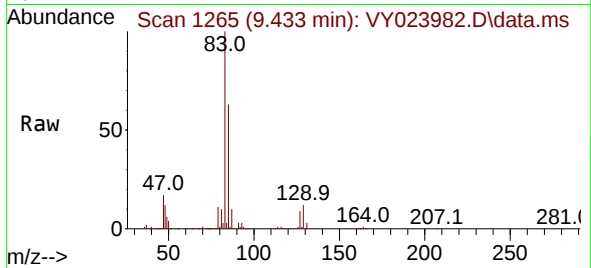




#47
Bromodichloromethane
Concen: 48.366 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023982.D
Acq: 15 Dec 2025 19:28

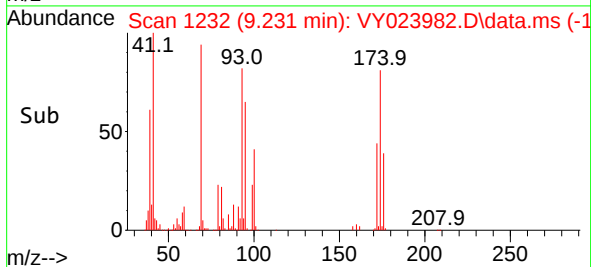
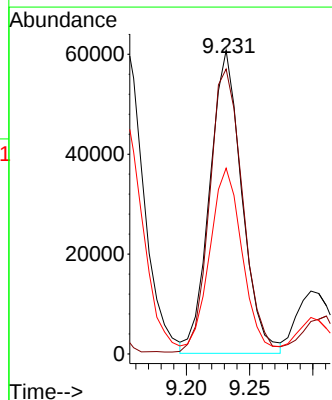
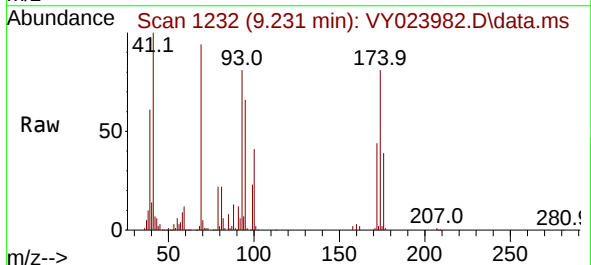
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

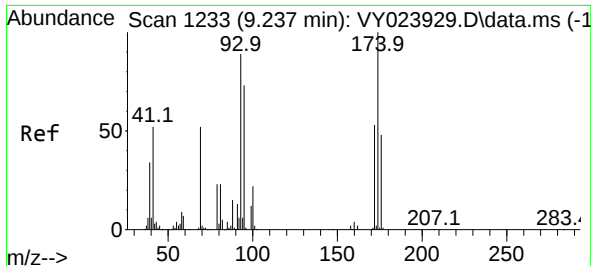
Tgt Ion: 83 Resp: 345545
Ion Ratio Lower Upper
83 100
85 63.4 50.7 76.1
127 9.0 7.0 10.4



#48
Methyl methacrylate
Concen: 44.814 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY023982.D
Acq: 15 Dec 2025 19:28

Tgt Ion: 41 Resp: 107375
Ion Ratio Lower Upper
41 100
69 97.5 74.7 112.1
39 62.8 47.4 71.2





#49

1,4-Dioxane

Concen: 827.704 ug/l

RT: 9.238 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023982.D

Acq: 15 Dec 2025 19:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

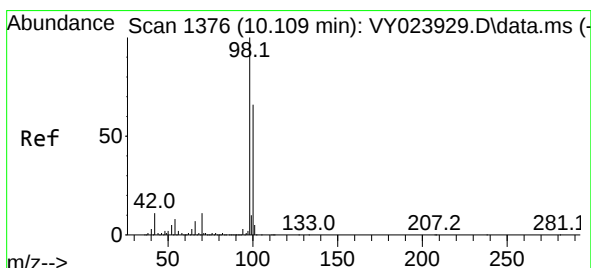
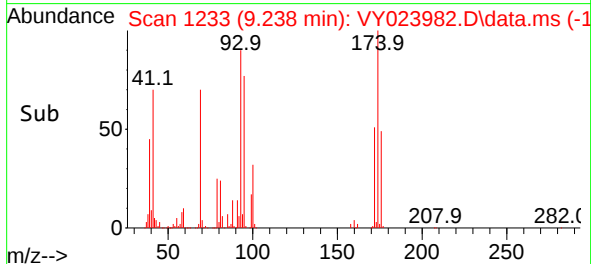
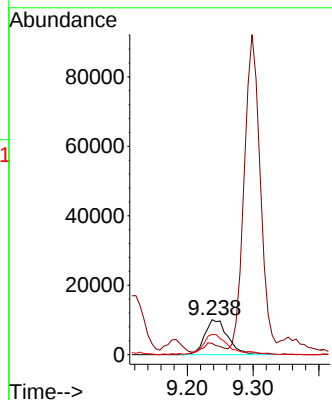
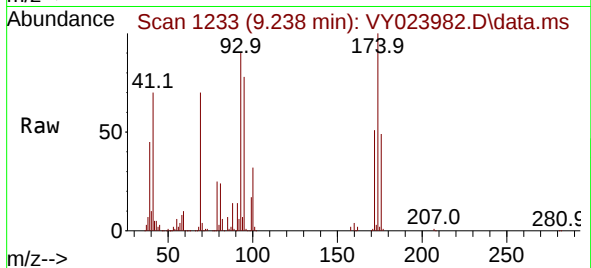
Tgt Ion: 88 Resp: 25060

Ion Ratio Lower Upper

88 100

43 27.1 22.3 33.5

58 59.7 52.3 78.5



#50

Toluene-d8

Concen: 47.819 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY023982.D

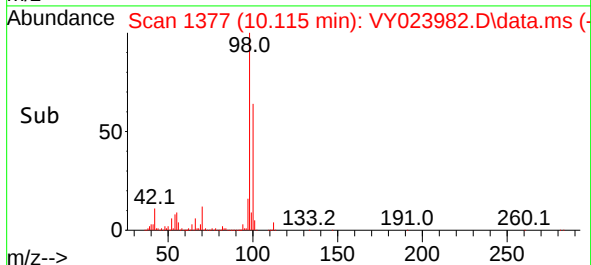
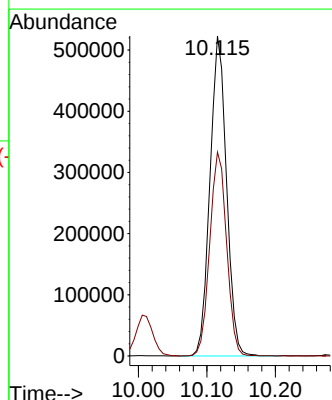
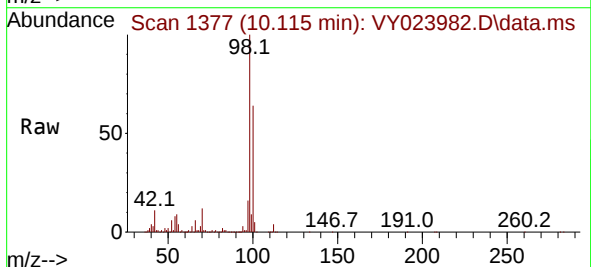
Acq: 15 Dec 2025 19:28

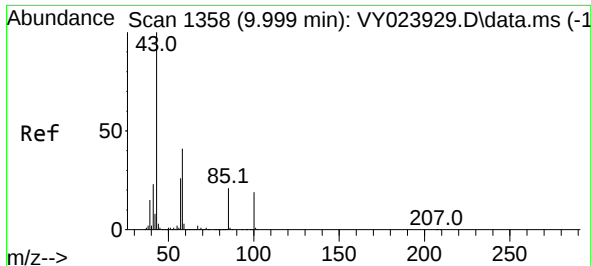
Tgt Ion: 98 Resp: 877616

Ion Ratio Lower Upper

98 100

100 64.6 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 205.322 ug/l

RT: 10.006 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023982.D

Acq: 15 Dec 2025 19:28

Instrument :

MSVOA_Y

ClientSampleId :

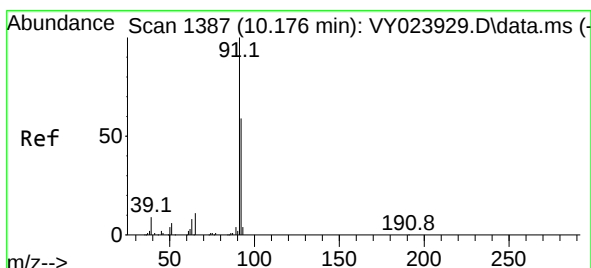
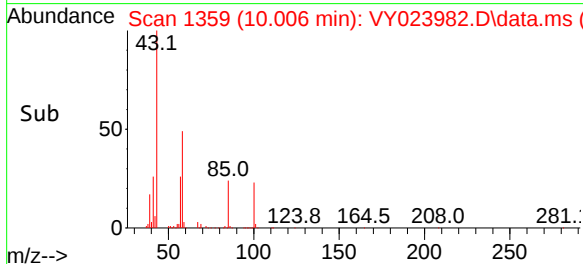
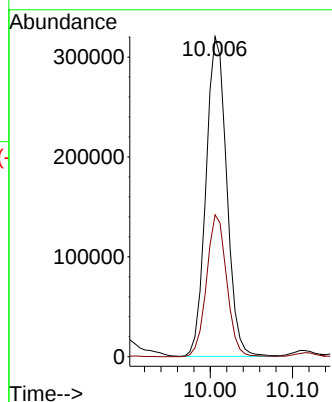
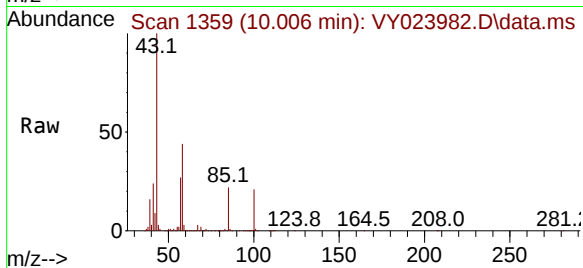
VSTDCCC050EC

Tgt Ion: 43 Resp: 559911

Ion Ratio Lower Upper

43 100

58 43.2 33.1 49.7



#52

Toluene

Concen: 679.327 ug/l

RT: 10.182 min Scan# 1388

Delta R.T. 0.006 min

Lab File: VY023982.D

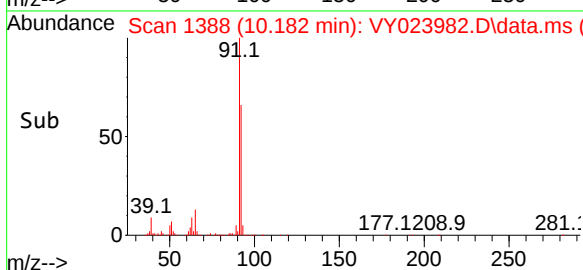
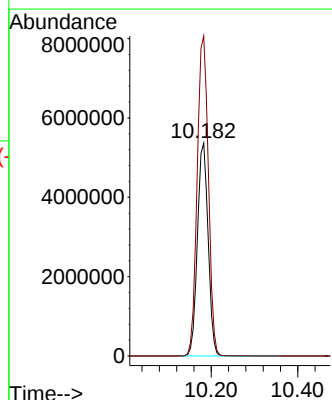
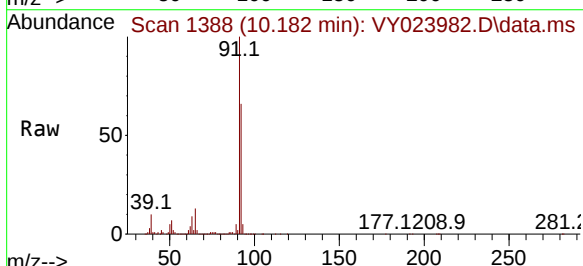
Acq: 15 Dec 2025 19:28

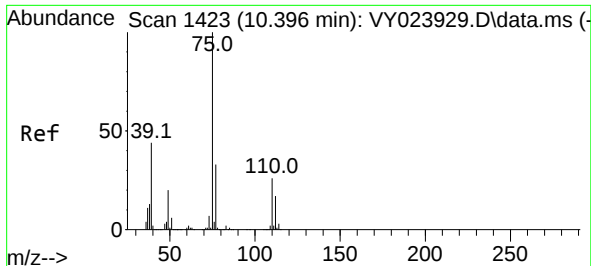
Tgt Ion: 92 Resp: 9186715

Ion Ratio Lower Upper

92 100

91 157.4 135.8 203.6

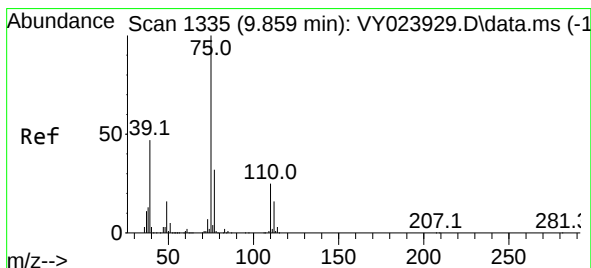
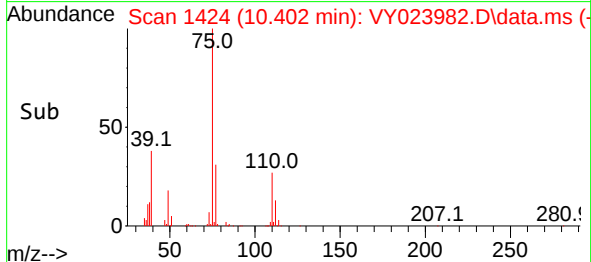
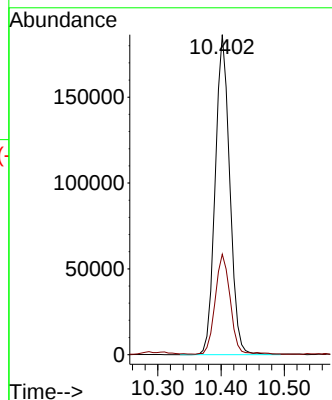
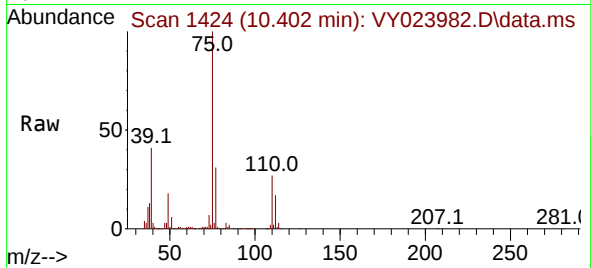




#53
t-1,3-Dichloropropene
Concen: 48.127 ug/l
RT: 10.402 min Scan# 1423
Delta R.T. 0.006 min
Lab File: VY023982.D
Acq: 15 Dec 2025 19:28

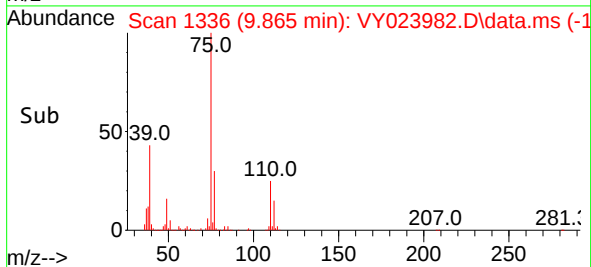
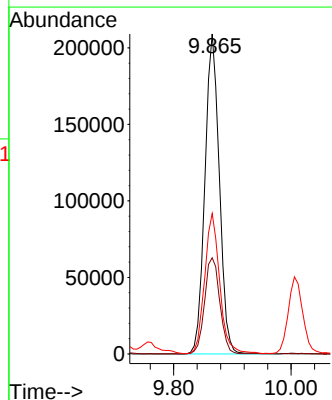
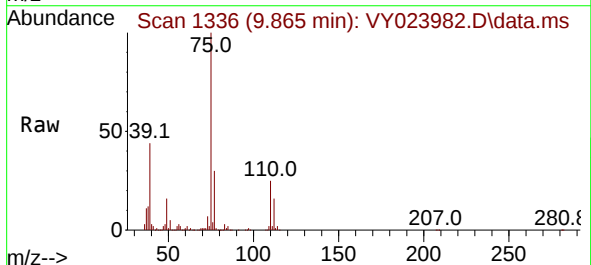
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

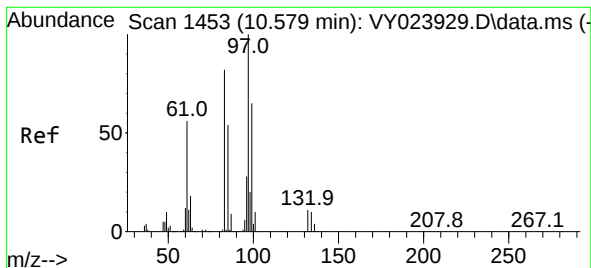
Tgt Ion: 75 Resp: 297129
Ion Ratio Lower Upper
75 100
77 31.2 26.1 39.1



#54
cis-1,3-Dichloropropene
Concen: 49.097 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. 0.006 min
Lab File: VY023982.D
Acq: 15 Dec 2025 19:28

Tgt Ion: 75 Resp: 357195
Ion Ratio Lower Upper
75 100
77 30.0 25.4 38.0
39 43.6 37.6 56.4





#55

1,1,2-Trichloroethane

Concen: 53.579 ug/l

RT: 10.579 min Scan# 1453

Delta R.T. 0.000 min

Lab File: VY023982.D

Acq: 15 Dec 2025 19:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 200273

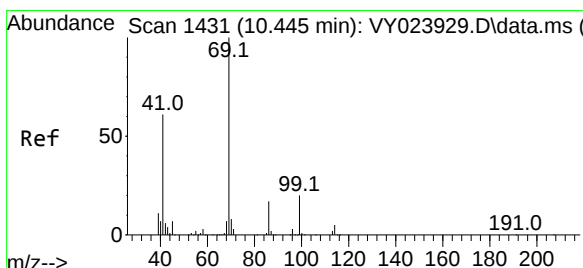
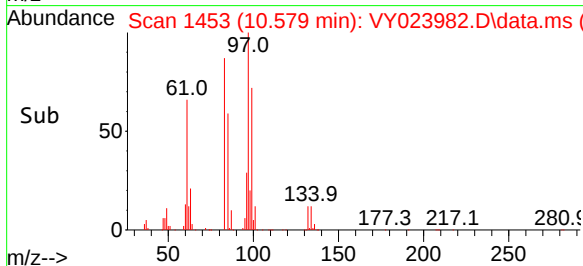
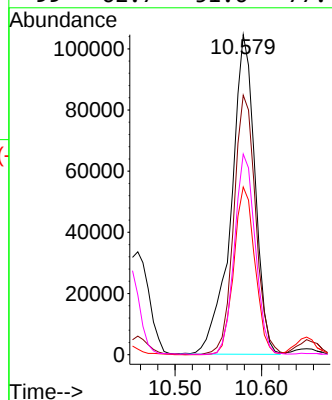
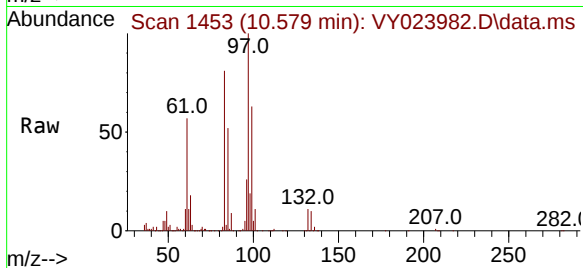
Ion Ratio Lower Upper

97 100

83 81.2 65.8 98.6

85 52.5 43.1 64.7

99 62.7 51.6 77.4



#56

Ethyl methacrylate

Concen: 51.935 ug/l

RT: 10.451 min Scan# 1432

Delta R.T. 0.006 min

Lab File: VY023982.D

Acq: 15 Dec 2025 19:28

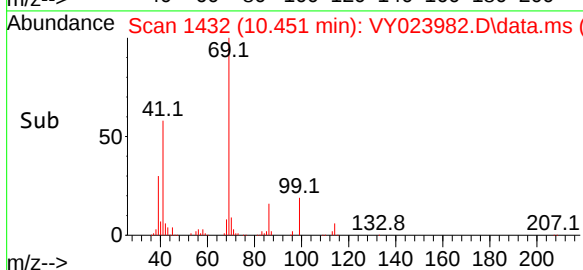
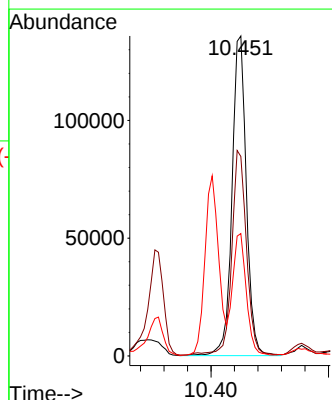
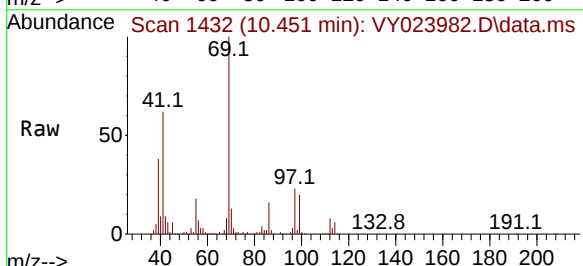
Tgt Ion: 69 Resp: 230138

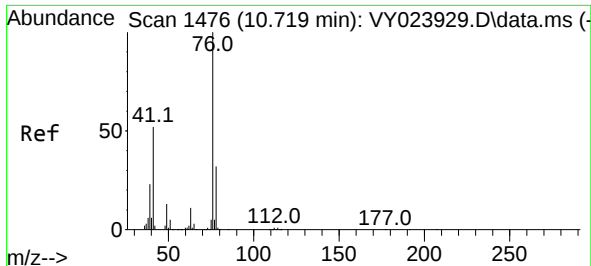
Ion Ratio Lower Upper

69 100

41 65.6 49.0 73.4

39 36.2 29.1 43.7





#57

1,3-Dichloropropane

Concen: 46.554 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VY023982.D

Acq: 15 Dec 2025 19:28

Instrument :

MSVOA_Y

ClientSampleId :

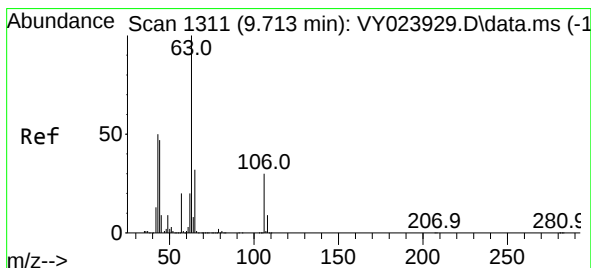
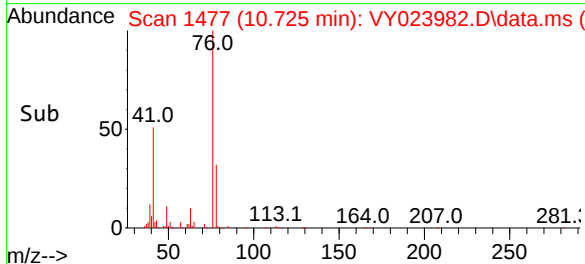
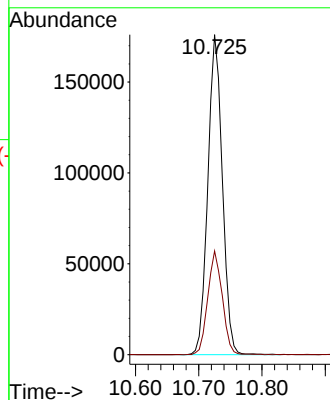
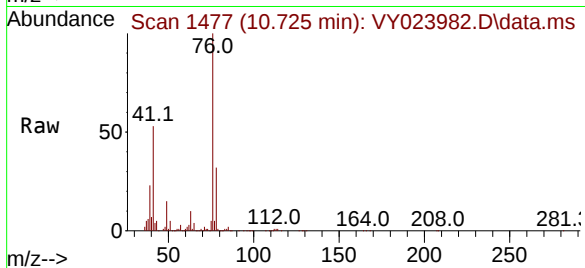
VSTDCCC050EC

Tgt Ion: 76 Resp: 281443

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 203.996 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY023982.D

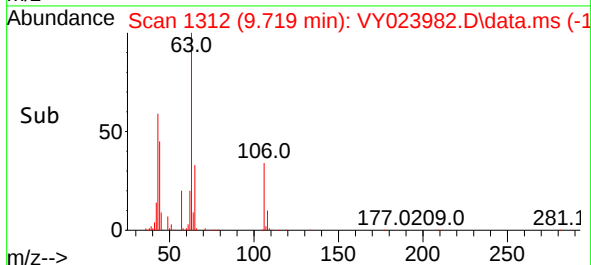
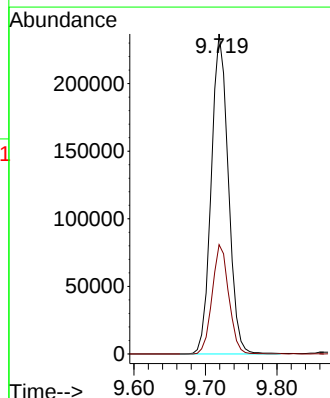
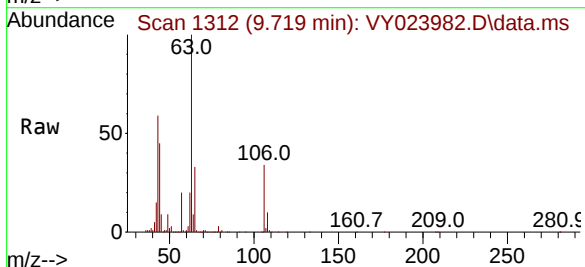
Acq: 15 Dec 2025 19:28

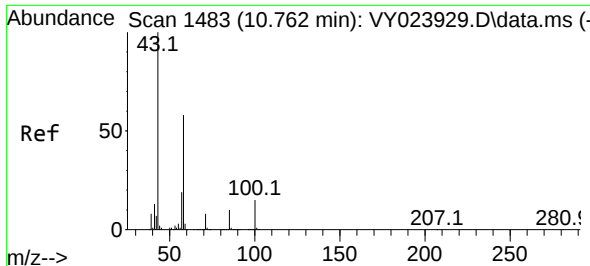
Tgt Ion: 63 Resp: 391562

Ion Ratio Lower Upper

63 100

106 33.2 25.2 37.8

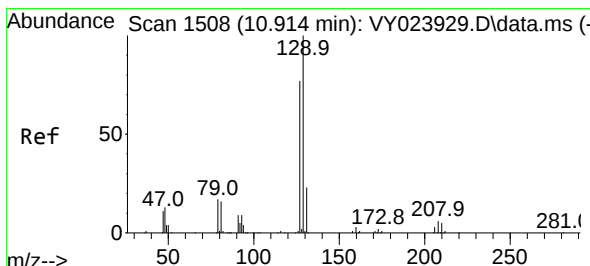
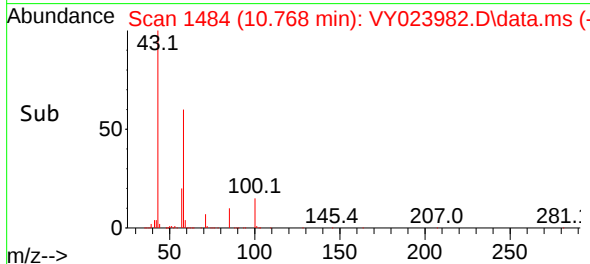
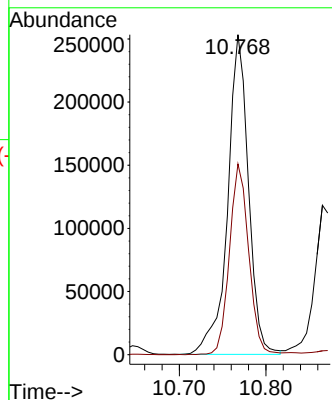
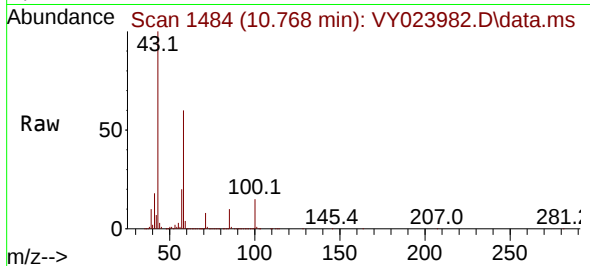




#59
2-Hexanone
Concen: 204.107 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.006 min
Lab File: VY023982.D
Acq: 15 Dec 2025 19:28

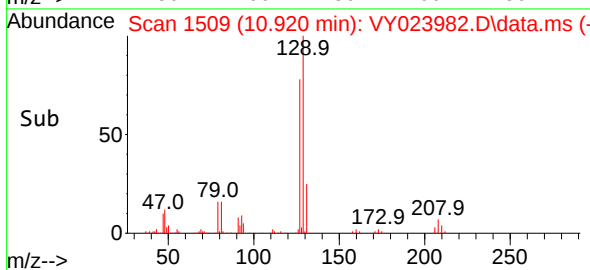
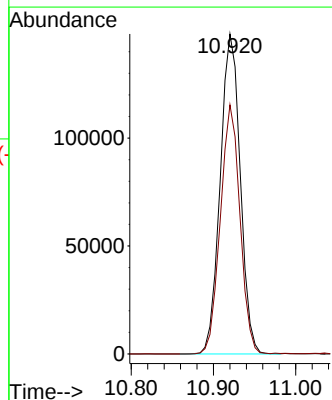
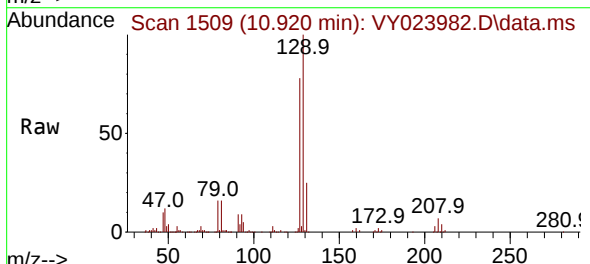
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

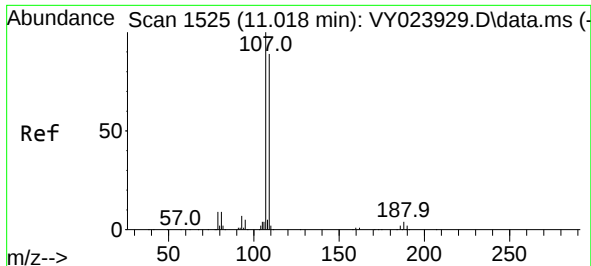
Tgt Ion: 43 Resp: 422433
Ion Ratio Lower Upper
43 100
58 55.4 29.0 87.0



#60
Dibromochloromethane
Concen: 48.425 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY023982.D
Acq: 15 Dec 2025 19:28

Tgt Ion: 129 Resp: 250604
Ion Ratio Lower Upper
129 100
127 76.1 38.1 114.5

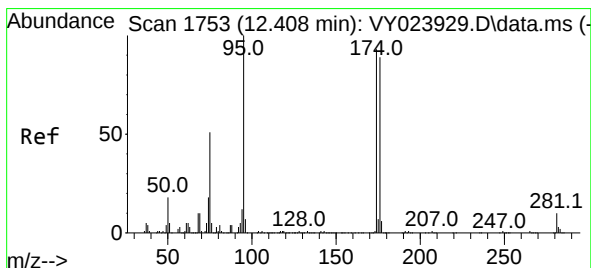
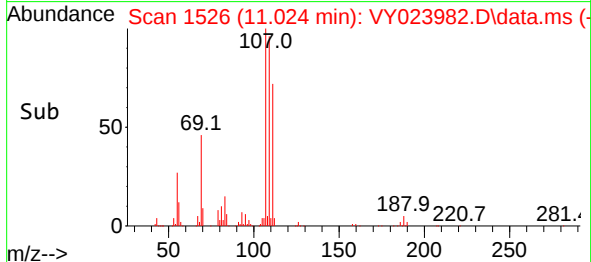
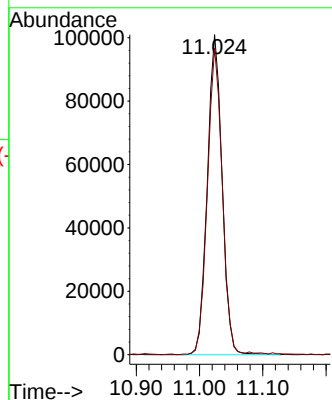
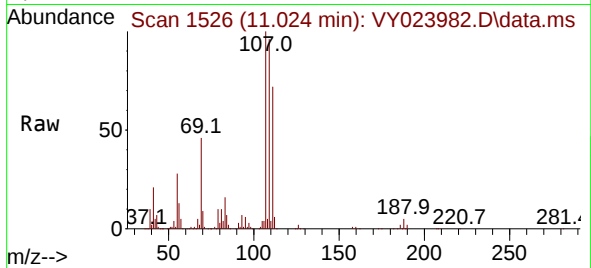




#61
1,2-Dibromoethane
Concen: 47.413 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.006 min
Lab File: VY023982.D
Acq: 15 Dec 2025 19:28

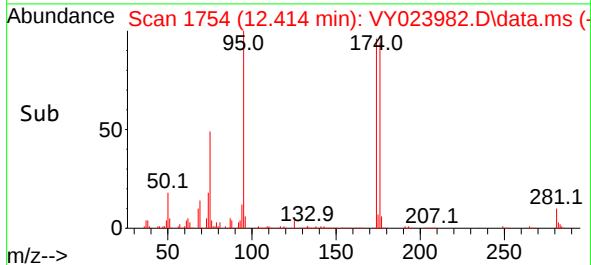
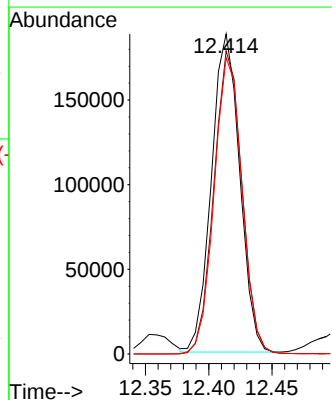
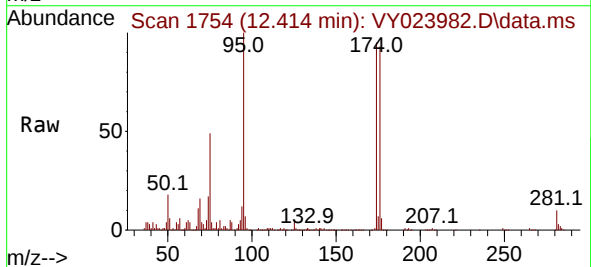
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

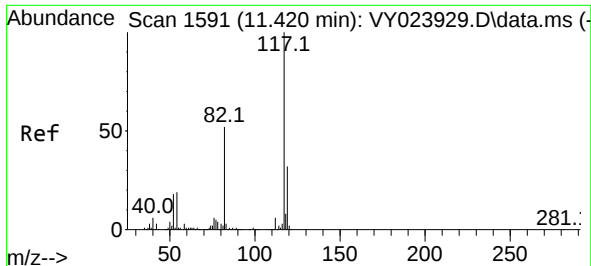
Tgt Ion:107 Resp: 164225
Ion Ratio Lower Upper
107 100
109 96.0 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 47.661 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY023982.D
Acq: 15 Dec 2025 19:28

Tgt Ion: 95 Resp: 292117
Ion Ratio Lower Upper
95 100
174 94.4 0.0 187.4
176 91.9 0.0 179.6

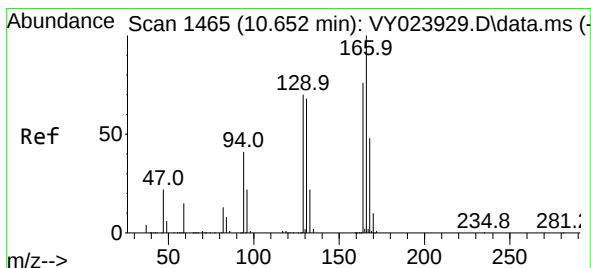
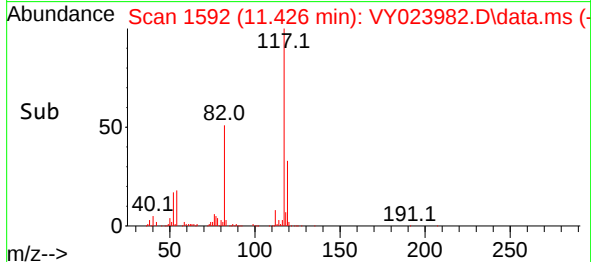
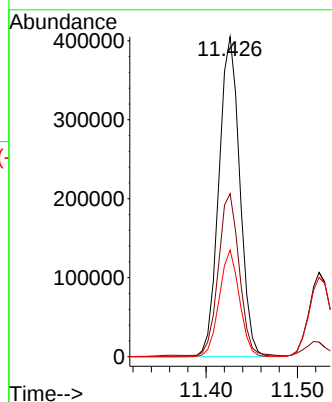
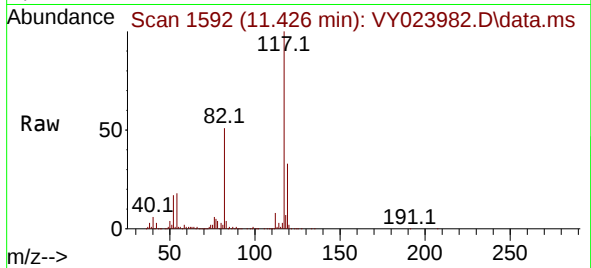




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023982.D
Acq: 15 Dec 2025 19:28

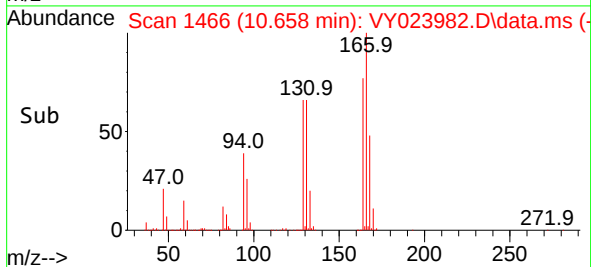
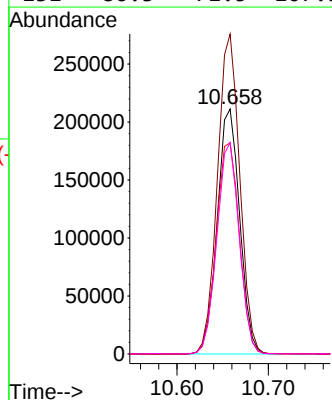
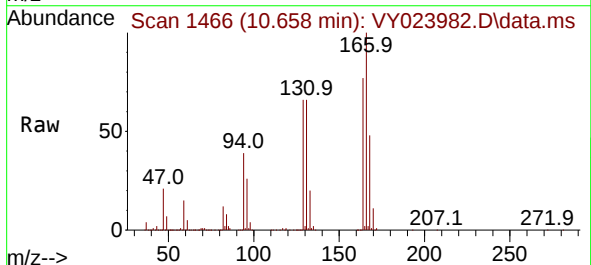
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

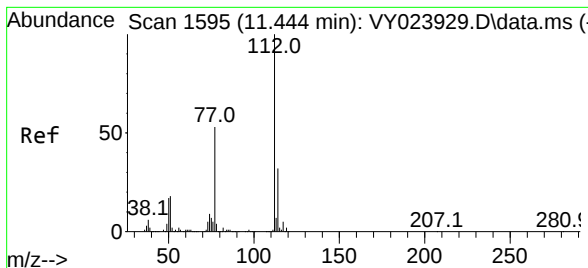
Tgt Ion:117 Resp: 644055
Ion Ratio Lower Upper
117 100
82 50.6 41.4 62.2
119 33.3 25.5 38.3



#64
Tetrachloroethene
Concen: 52.248 ug/l
RT: 10.658 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VY023982.D
Acq: 15 Dec 2025 19:28

Tgt Ion:164 Resp: 361505
Ion Ratio Lower Upper
164 100
166 130.7 105.0 157.4
129 86.2 73.0 109.4
131 86.3 71.5 107.3

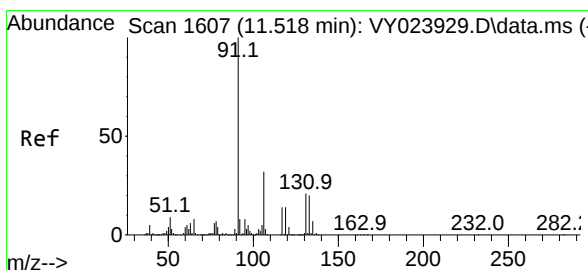
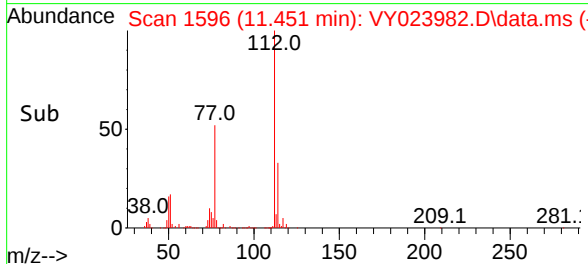
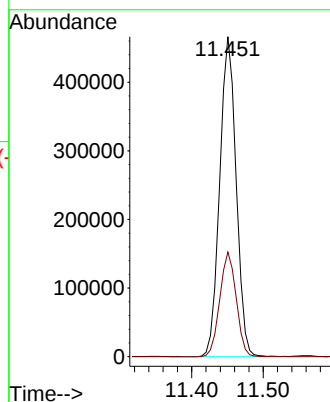
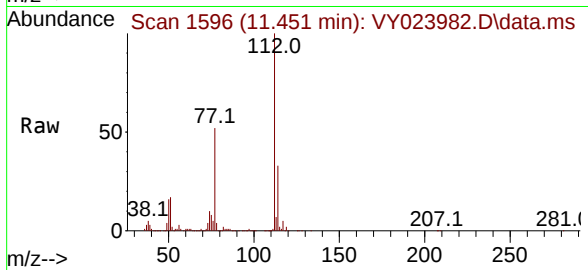




#65
Chlorobenzene
Concen: 49.903 ug/l
RT: 11.451 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VY023982.D
Acq: 15 Dec 2025 19:28

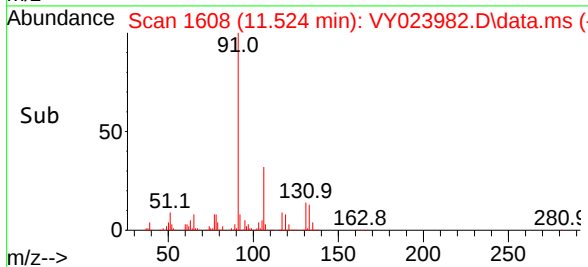
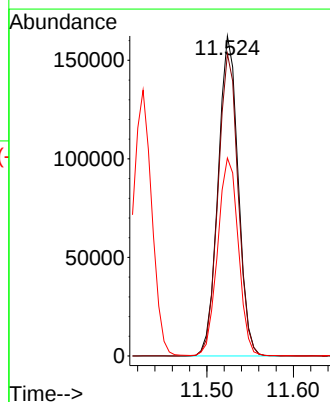
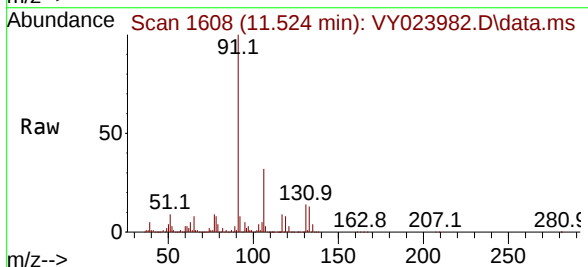
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

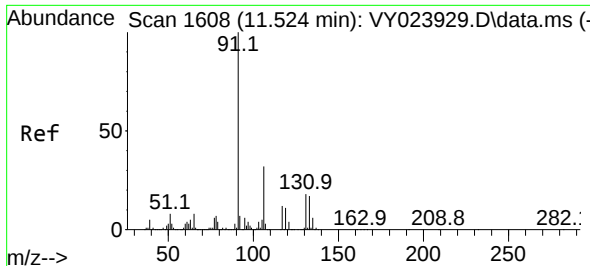
Tgt Ion:112 Resp: 744745
Ion Ratio Lower Upper
112 100
114 32.7 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 49.931 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY023982.D
Acq: 15 Dec 2025 19:28

Tgt Ion:131 Resp: 261339
Ion Ratio Lower Upper
131 100
133 94.5 48.4 145.3
119 63.9 33.1 99.2





#67

Ethyl Benzene

Concen: 76.375 ug/l

RT: 11.530 min Scan# 1609

Delta R.T. 0.006 min

Lab File: VY023982.D

Acq: 15 Dec 2025 19:28

Instrument :

MSVOA_Y

ClientSampleId :

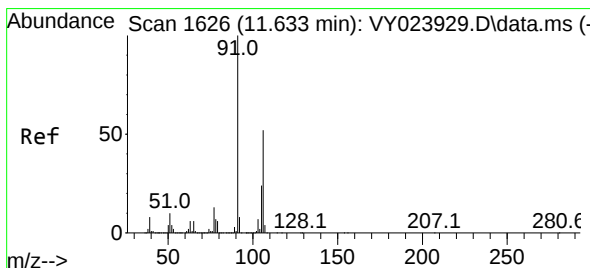
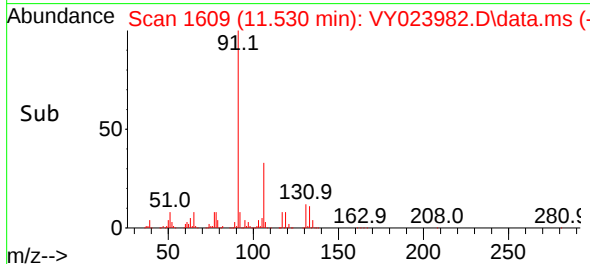
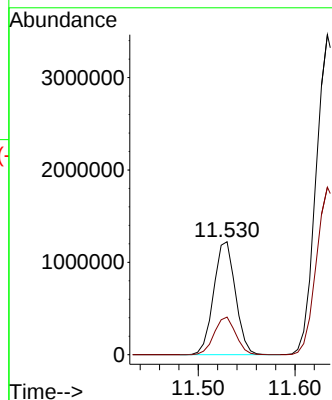
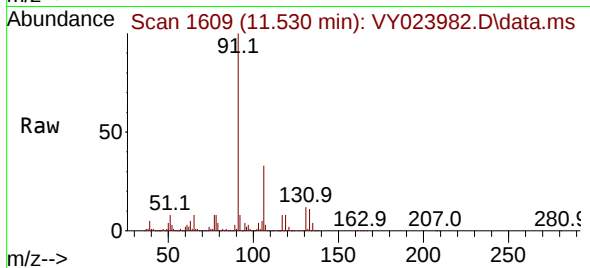
VSTDCCC050EC

Tgt Ion: 91 Resp: 1909769

Ion Ratio Lower Upper

91 100

106 33.3 25.8 38.8



#68

m/p-Xylenes

Concen: 323.359 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY023982.D

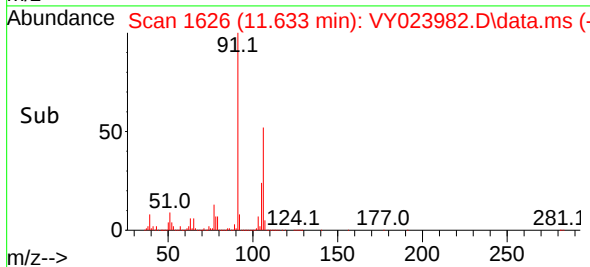
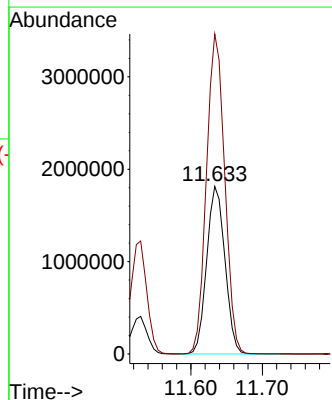
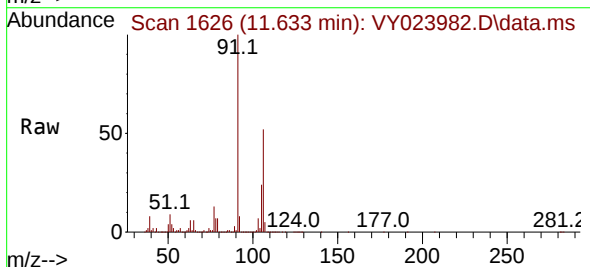
Acq: 15 Dec 2025 19:28

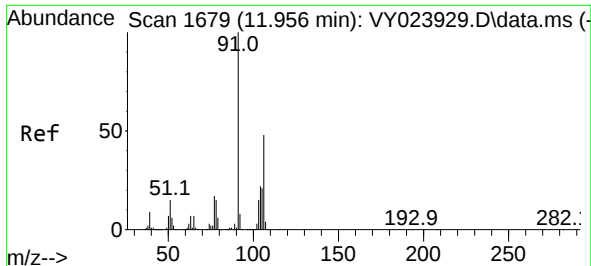
Tgt Ion:106 Resp: 3209756

Ion Ratio Lower Upper

106 100

91 191.3 155.0 232.6

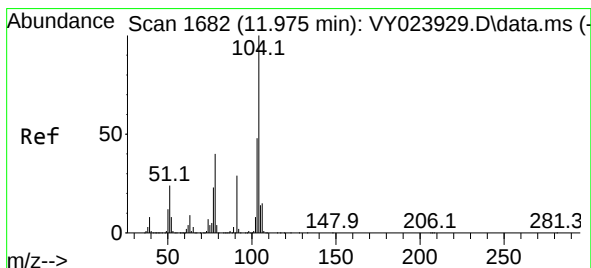
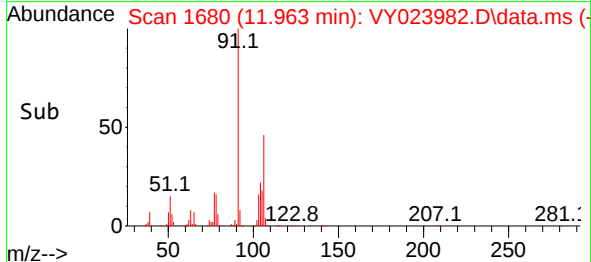
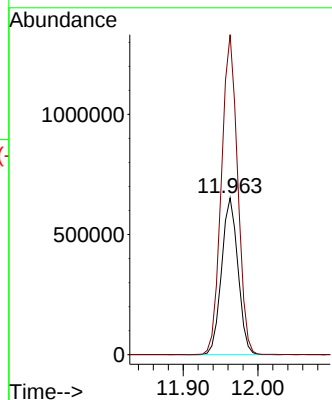
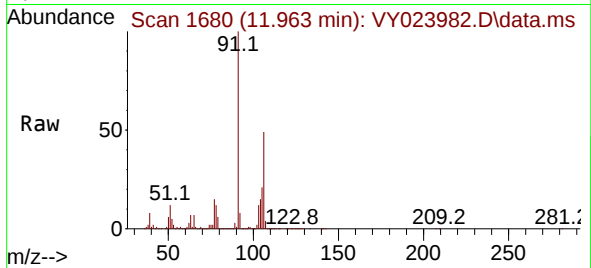




#69
o-Xylene
Concen: 106.790 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. 0.006 min
Lab File: VY023982.D
Acq: 15 Dec 2025 19:28

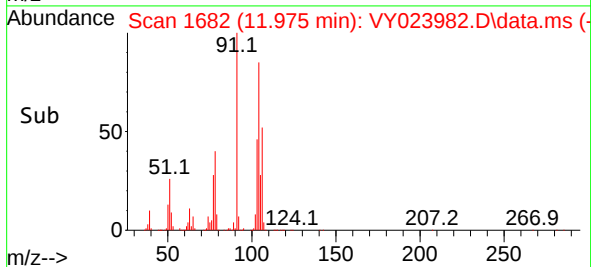
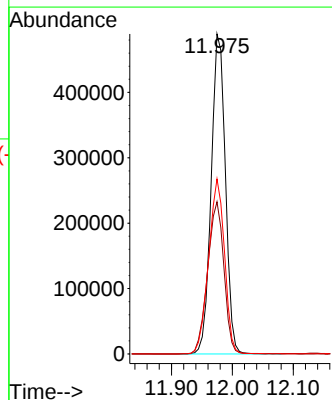
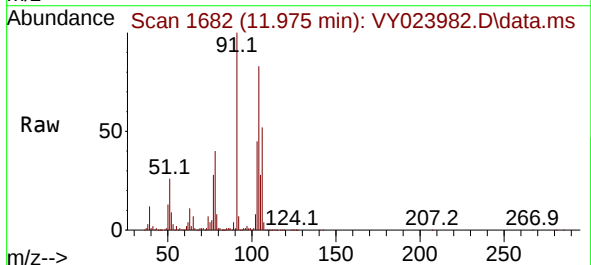
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

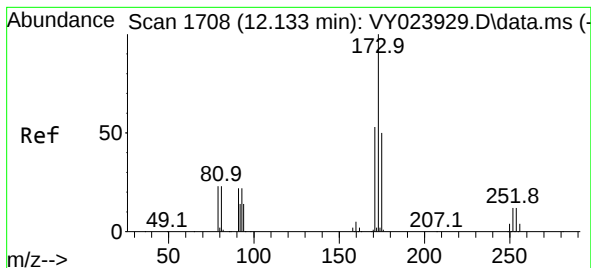
Tgt Ion:106 Resp: 991619
Ion Ratio Lower Upper
106 100
91 203.0 102.1 306.1



#70
Styrene
Concen: 52.887 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VY023982.D
Acq: 15 Dec 2025 19:28

Tgt Ion:104 Resp: 793353
Ion Ratio Lower Upper
104 100
78 54.6 37.4 56.0
103 61.3 43.0 64.4





#71

Bromoform

Concen: 47.545 ug/l

RT: 12.139 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023982.D

Acq: 15 Dec 2025 19:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

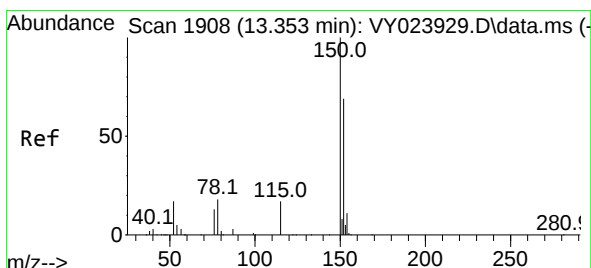
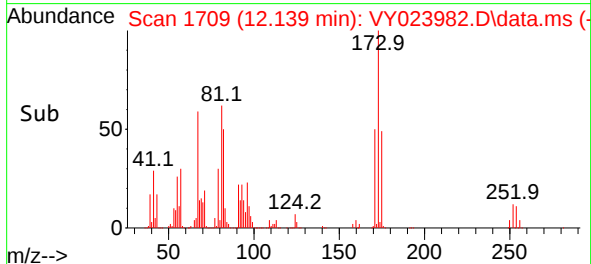
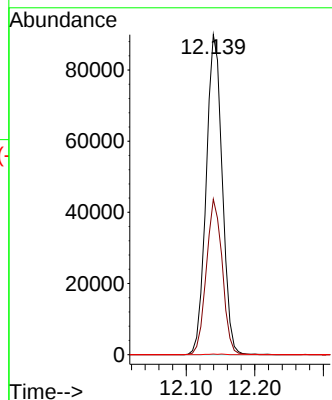
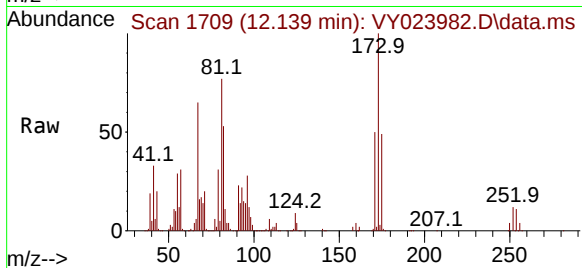
Tgt Ion:173 Resp: 146652

Ion Ratio Lower Upper

173 100

175 48.3 24.9 74.6

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY023982.D

Acq: 15 Dec 2025 19:28

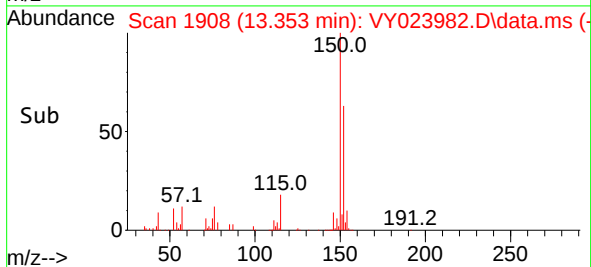
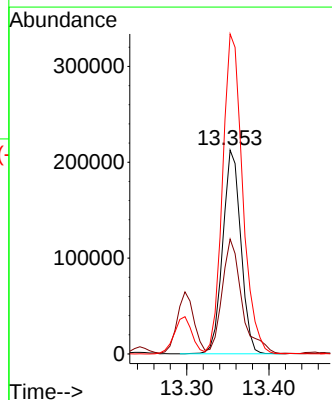
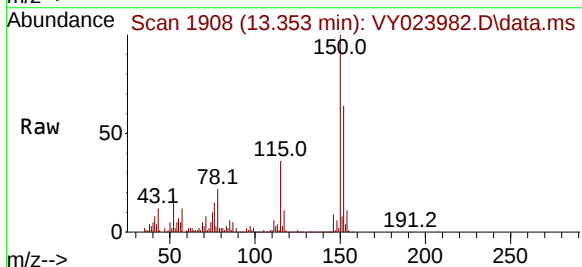
Tgt Ion:152 Resp: 325754

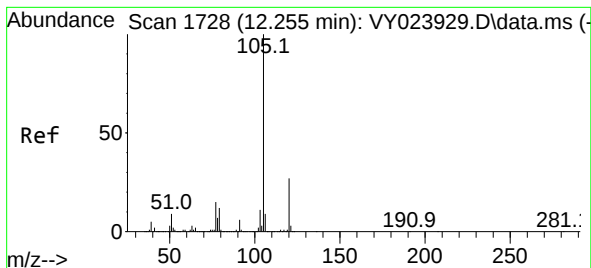
Ion Ratio Lower Upper

152 100

115 61.3 27.3 81.9

150 174.0 0.0 347.6





#73

Isopropylbenzene

Concen: 57.288 ug/l

RT: 12.261 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023982.D

Acq: 15 Dec 2025 19:28

Instrument :

MSVOA_Y

ClientSampleId :

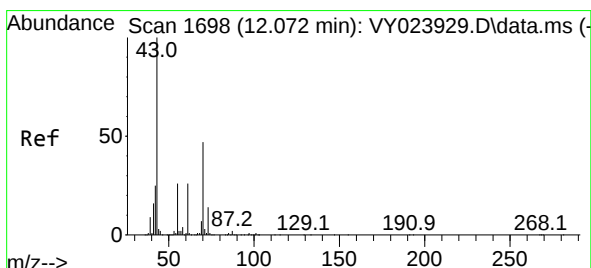
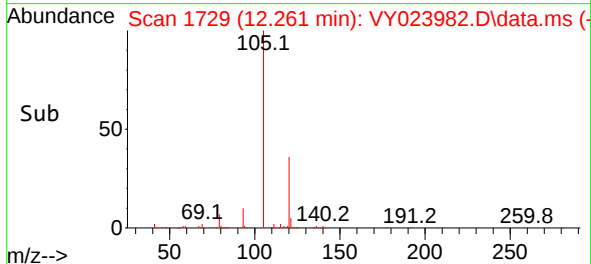
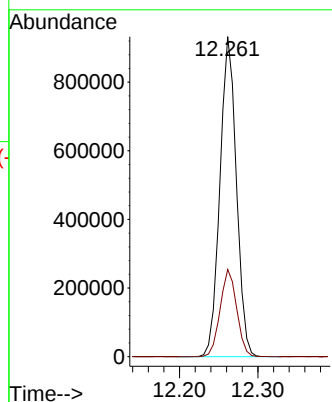
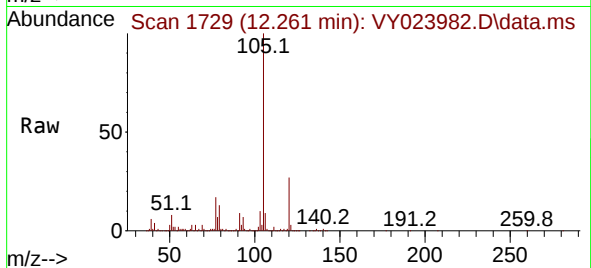
VSTDCCC050EC

Tgt Ion:105 Resp: 1363826

Ion Ratio Lower Upper

105 100

120 27.4 13.7 41.0



#74

N-ethyl acetate

Concen: 63.942 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.006 min

Lab File: VY023982.D

Acq: 15 Dec 2025 19:28

Tgt Ion: 43 Resp: 270011

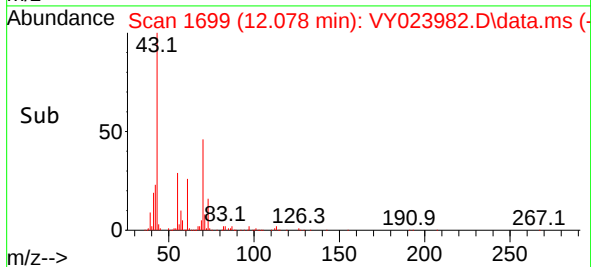
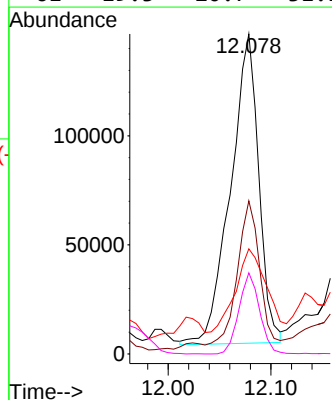
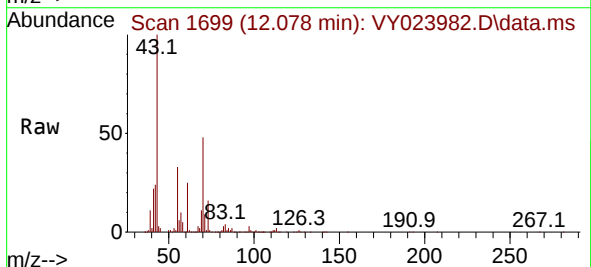
Ion Ratio Lower Upper

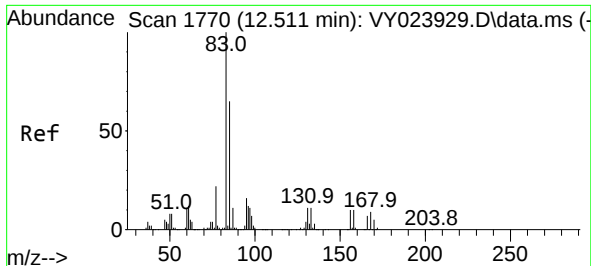
43 100

70 36.1 37.4 56.0#

55 31.0 21.6 32.4

61 19.3 20.7 31.1#

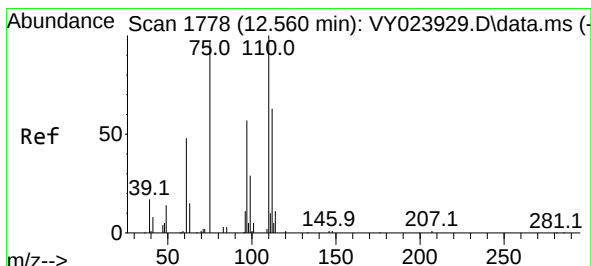
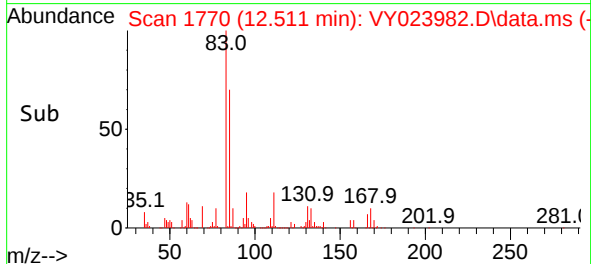
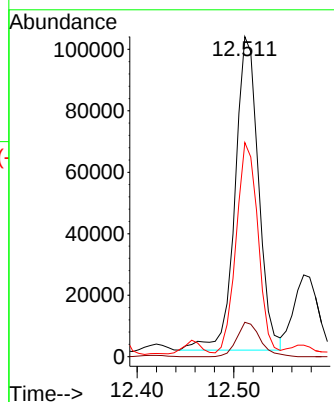
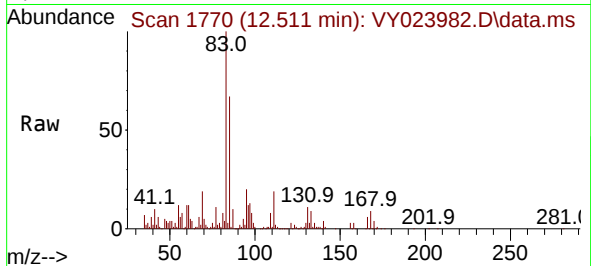




#75
 1,1,2-Tetrachloroethane
 Concen: 47.549 ug/l
 RT: 12.511 min Scan# 1770
 Delta R.T. 0.000 min
 Lab File: VY023982.D
 Acq: 15 Dec 2025 19:28

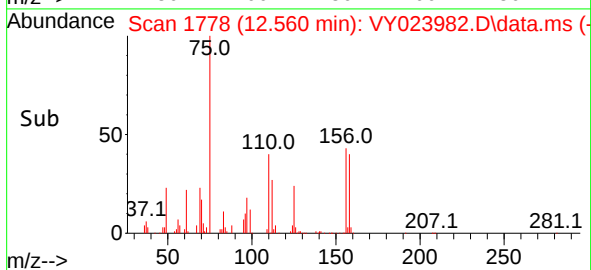
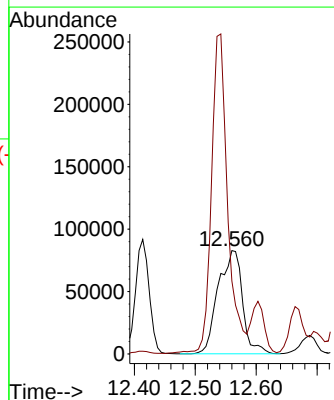
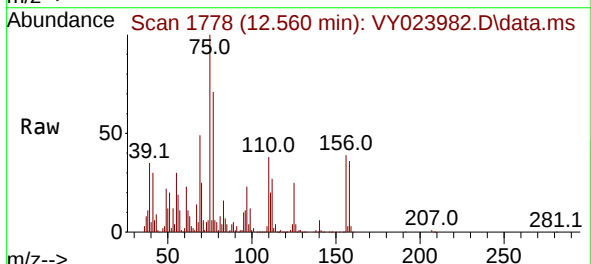
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

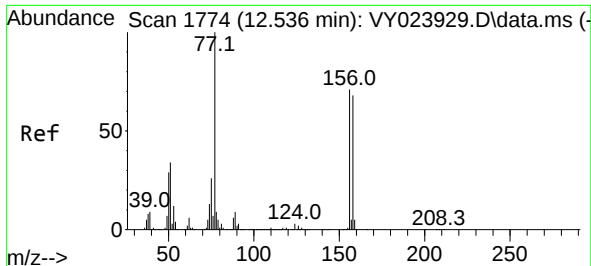
Tgt Ion: 83 Resp: 172363
 Ion Ratio Lower Upper
 83 100
 131 11.0 5.6 16.8
 85 61.9 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 83.281 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.000 min
 Lab File: VY023982.D
 Acq: 15 Dec 2025 19:28

Tgt Ion: 75 Resp: 229483
 Ion Ratio Lower Upper
 75 100
 77 206.2 0.0 0.0#

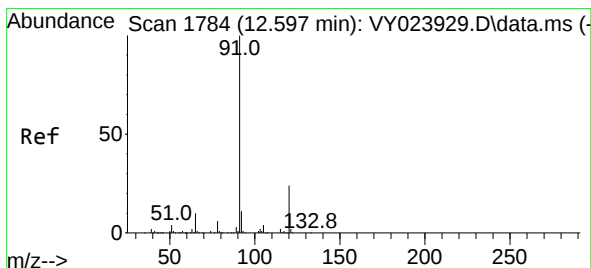
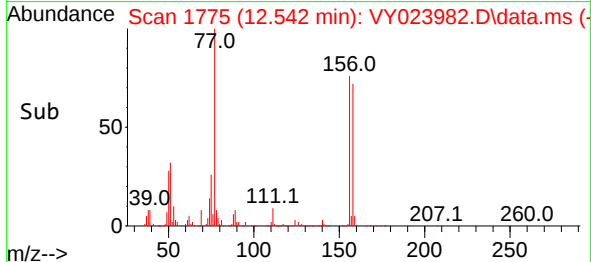
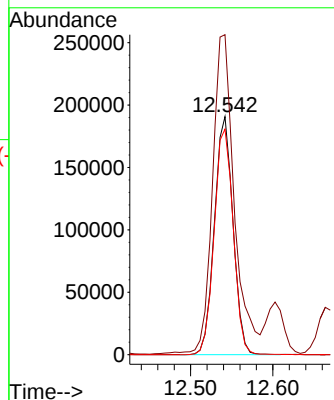
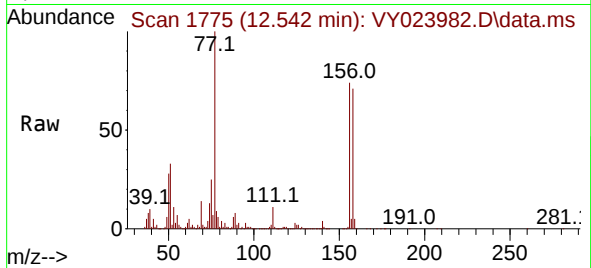




#77
Bromobenzene
Concen: 50.702 ug/l
RT: 12.542 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VY023982.D
Acq: 15 Dec 2025 19:28

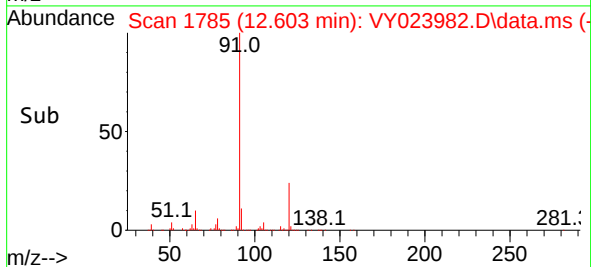
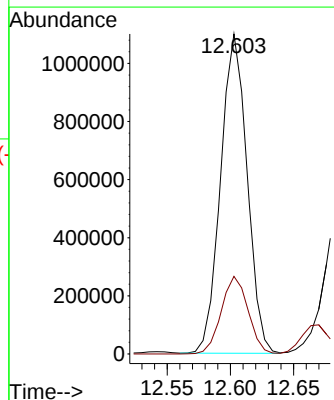
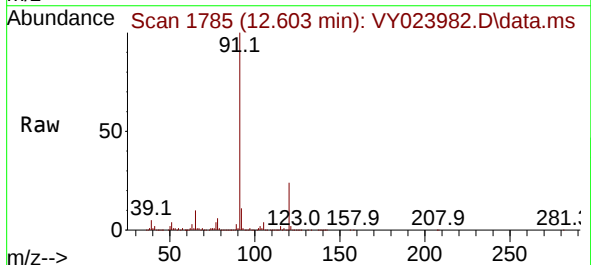
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

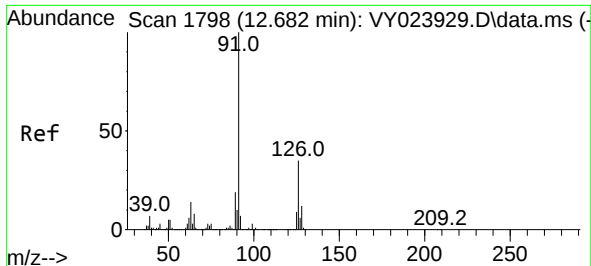
Tgt Ion:156 Resp: 299500
Ion Ratio Lower Upper
156 100
77 158.0 79.8 239.4
158 97.4 48.0 144.2



#78
n-propylbenzene
Concen: 57.805 ug/l
RT: 12.603 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VY023982.D
Acq: 15 Dec 2025 19:28

Tgt Ion: 91 Resp: 1601114
Ion Ratio Lower Upper
91 100
120 24.6 12.0 36.0

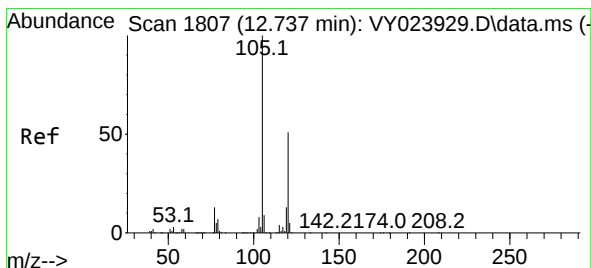
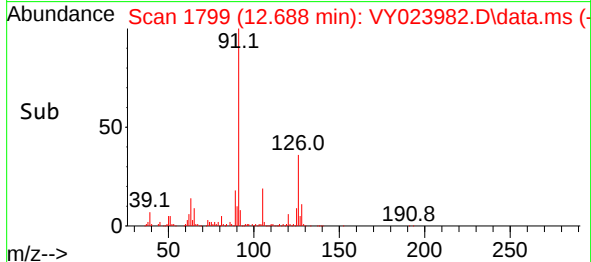
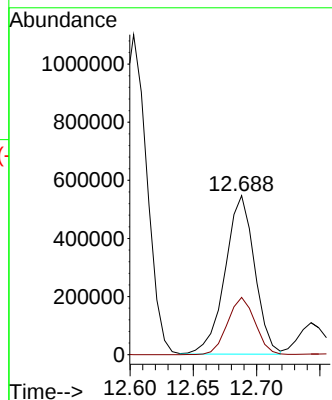
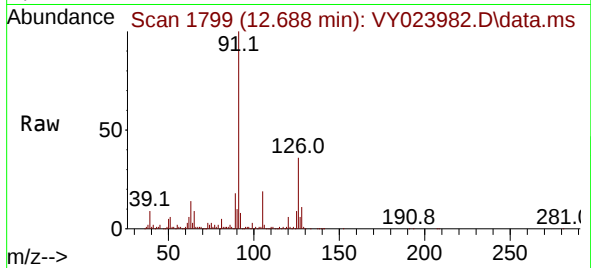




#79
2-Chlorotoluene
Concen: 56.307 ug/l
RT: 12.688 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY023982.D
Acq: 15 Dec 2025 19:28

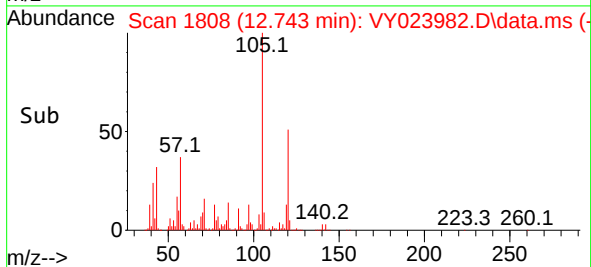
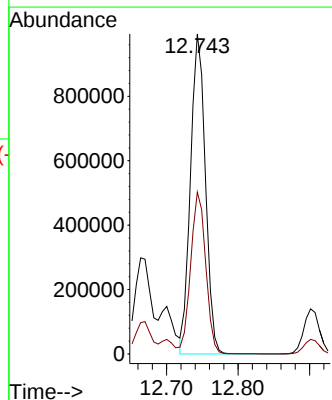
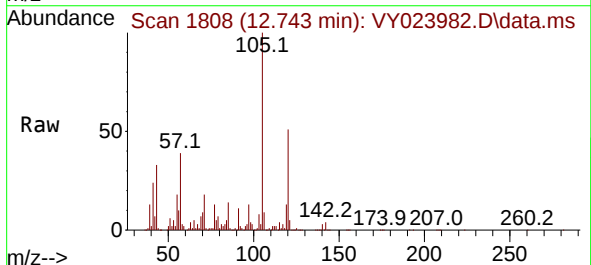
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

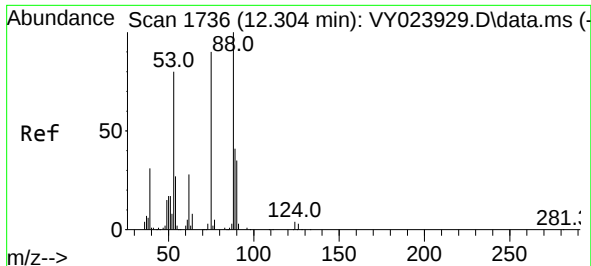
Tgt Ion: 91 Resp: 885921
Ion Ratio Lower Upper
91 100
126 33.8 17.9 53.7



#80
1,3,5-Trimethylbenzene
Concen: 75.743 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VY023982.D
Acq: 15 Dec 2025 19:28

Tgt Ion: 105 Resp: 1438557
Ion Ratio Lower Upper
105 100
120 51.2 25.7 77.1

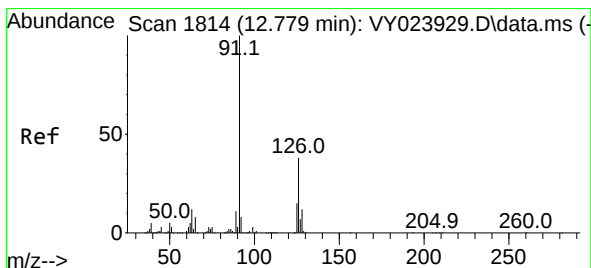
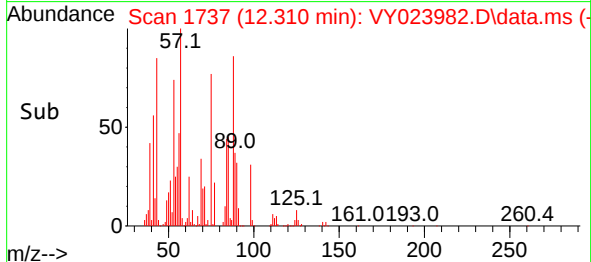
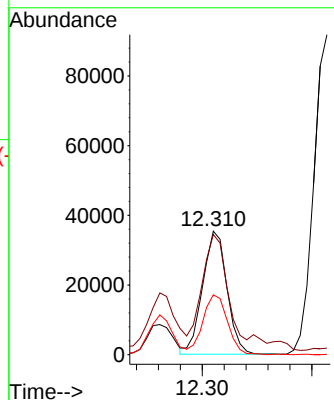
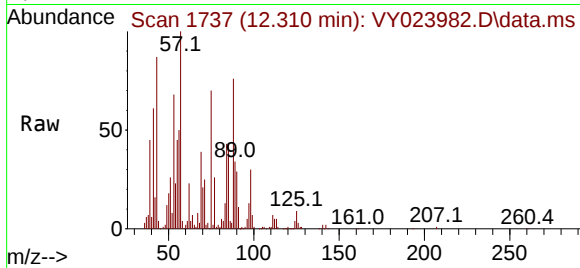




#81
trans-1,4-Dichloro-2-butene
Concen: 45.097 ug/l
RT: 12.310 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023982.D
Acq: 15 Dec 2025 19:28

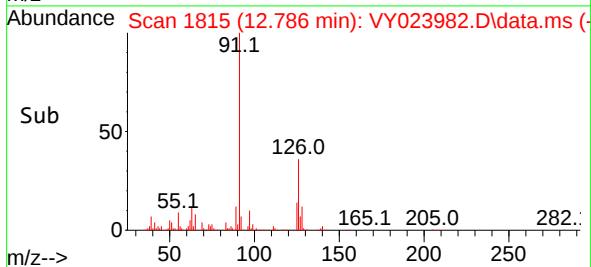
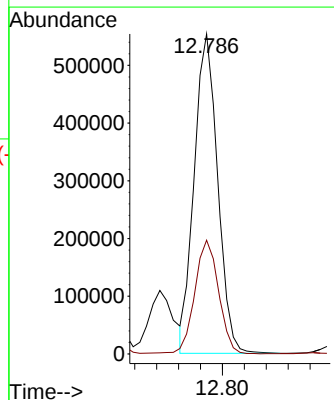
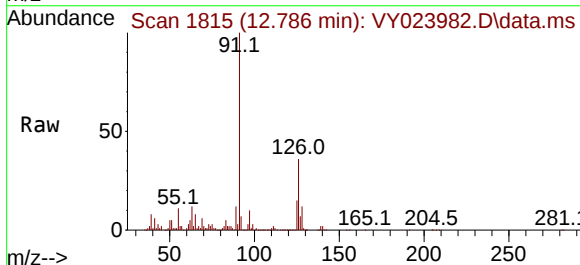
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

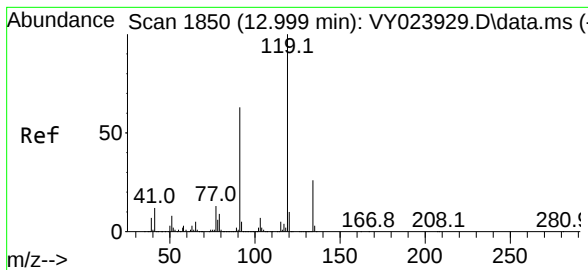
Tgt Ion: 75 Resp: 54593
Ion Ratio Lower Upper
75 100
53 110.4 73.4 110.0#
89 49.1 38.9 58.3



#82
4-Chlorotoluene
Concen: 50.631 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VY023982.D
Acq: 15 Dec 2025 19:28

Tgt Ion: 91 Resp: 820079
Ion Ratio Lower Upper
91 100
126 36.3 18.1 54.1

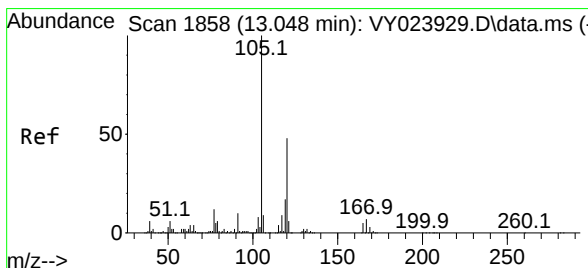
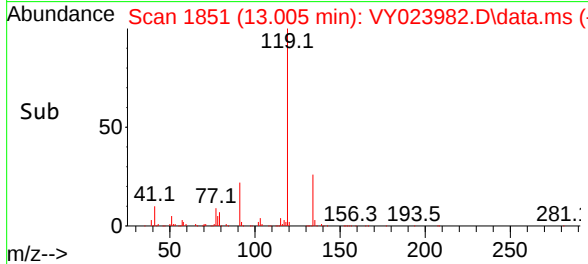
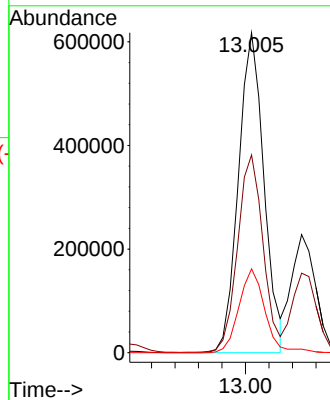
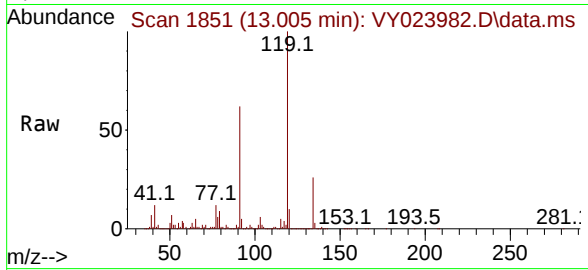




#83
tert-Butylbenzene
Concen: 53.097 ug/l
RT: 13.005 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VY023982.D
Acq: 15 Dec 2025 19:28

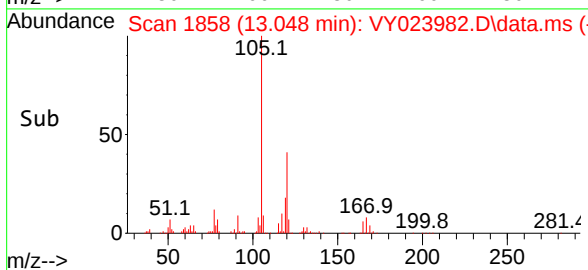
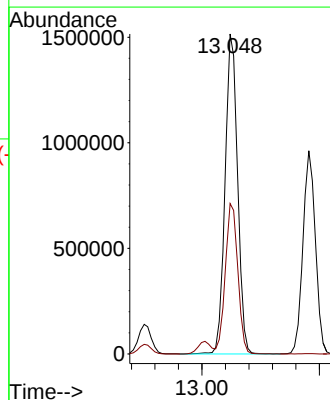
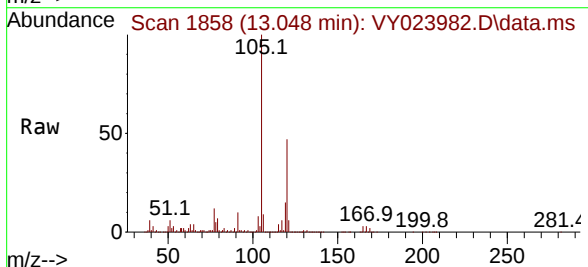
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

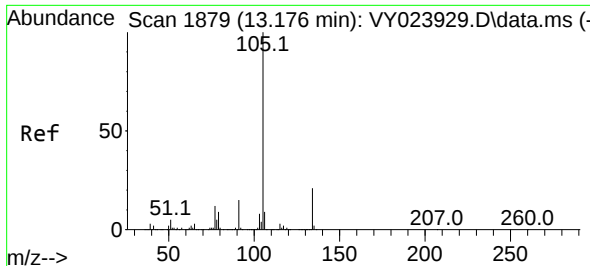
Tgt Ion:119 Resp: 931768
Ion Ratio Lower Upper
119 100
91 61.6 31.6 94.7
134 26.7 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 118.874 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VY023982.D
Acq: 15 Dec 2025 19:28

Tgt Ion:105 Resp: 2236570
Ion Ratio Lower Upper
105 100
120 47.0 23.4 70.3

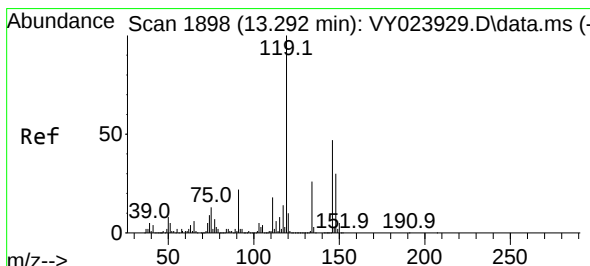
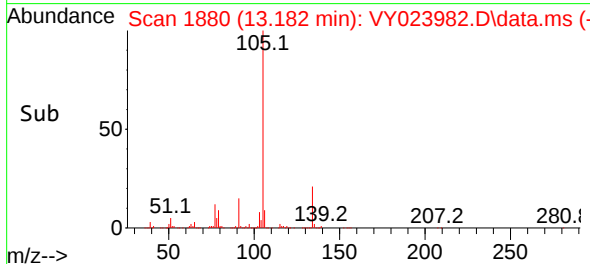
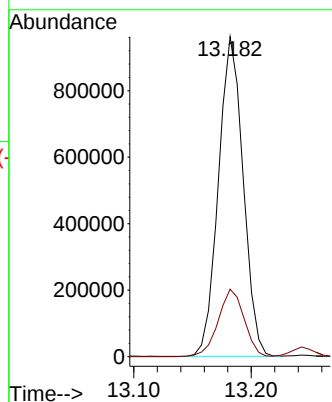
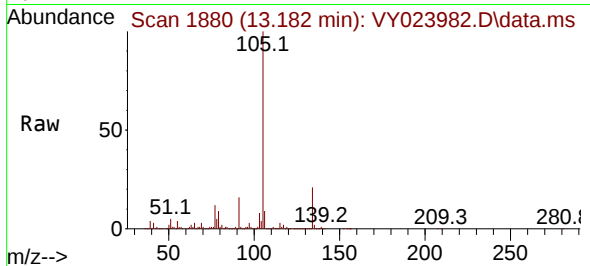




#85
 sec-Butylbenzene
 Concen: 54.990 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. 0.006 min
 Lab File: VY023982.D
 Acq: 15 Dec 2025 19:28

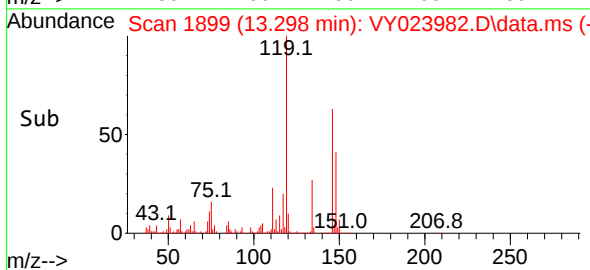
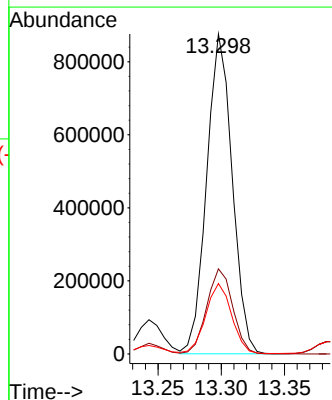
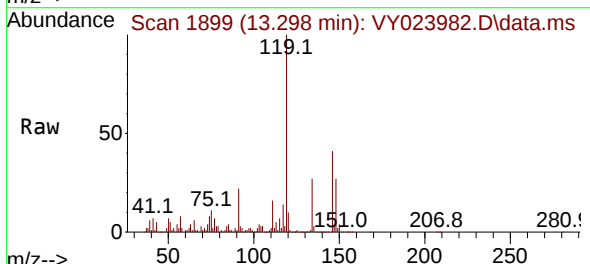
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

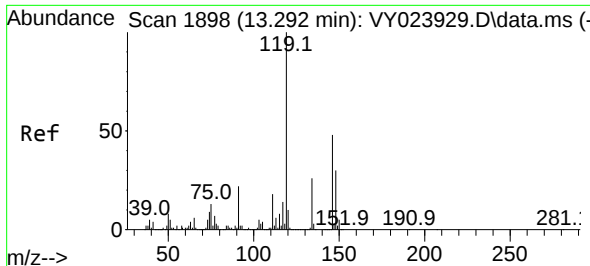
Tgt Ion:105 Resp: 1407665
 Ion Ratio Lower Upper
 105 100
 134 22.2 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 56.714 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. 0.006 min
 Lab File: VY023982.D
 Acq: 15 Dec 2025 19:28

Tgt Ion:119 Resp: 1228871
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.6 40.7
 91 22.1 11.1 33.3

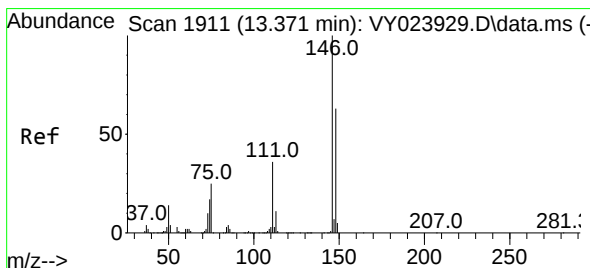
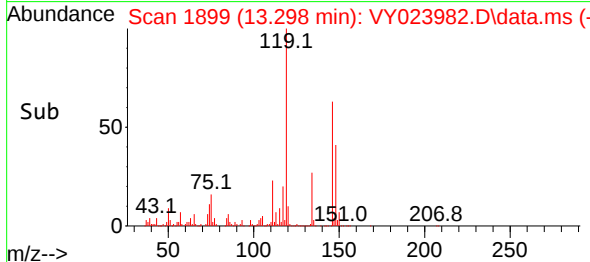
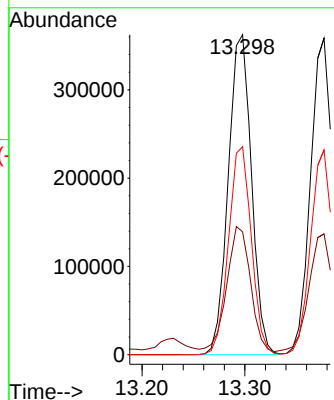
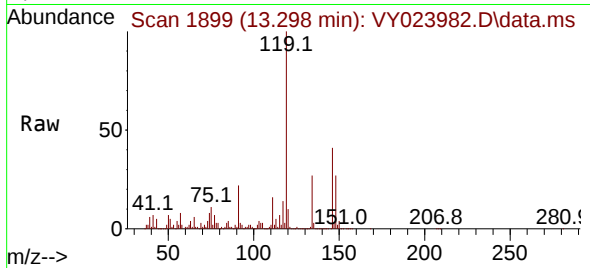




#87
 1,3-Dichlorobenzene
 Concen: 49.629 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. 0.006 min
 Lab File: VY023982.D
 Acq: 15 Dec 2025 19:28

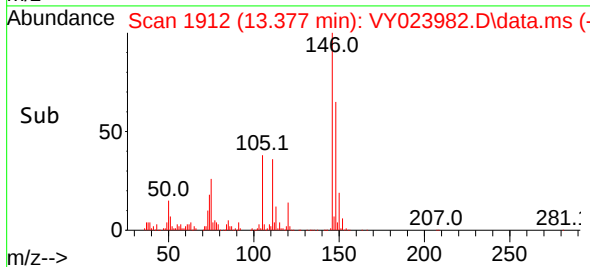
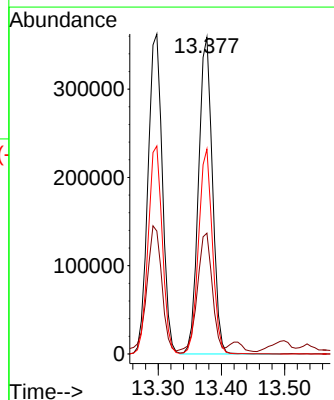
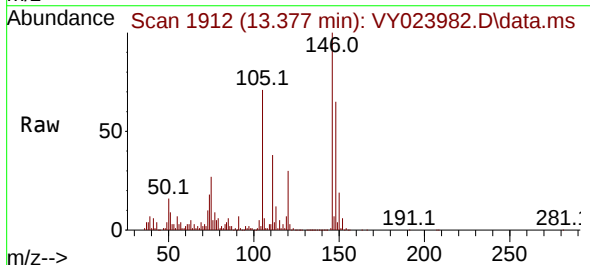
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

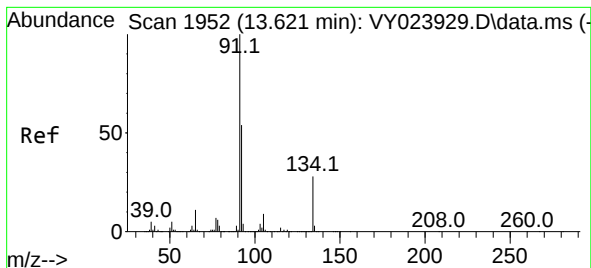
Tgt Ion:146 Resp: 569311
 Ion Ratio Lower Upper
 146 100
 111 39.8 18.9 56.9
 148 64.0 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 48.573 ug/l
 RT: 13.377 min Scan# 1912
 Delta R.T. 0.006 min
 Lab File: VY023982.D
 Acq: 15 Dec 2025 19:28

Tgt Ion:146 Resp: 549245
 Ion Ratio Lower Upper
 146 100
 111 39.0 18.4 55.0
 148 64.1 31.9 95.9





#89

n-Butylbenzene

Concen: 56.769 ug/l

RT: 13.627 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY023982.D

Acq: 15 Dec 2025 19:28

Instrument :

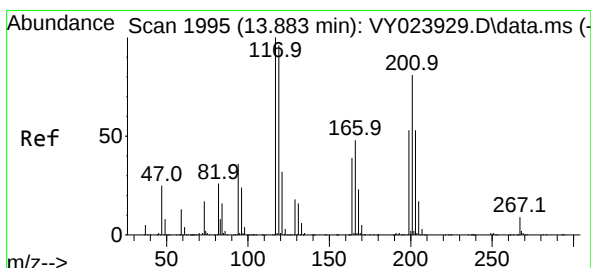
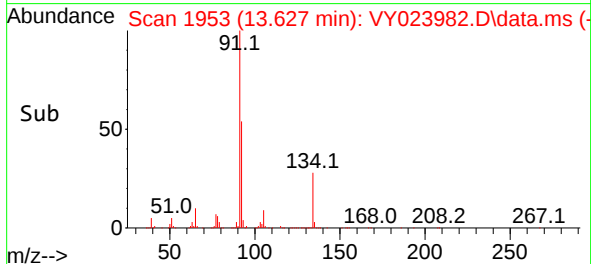
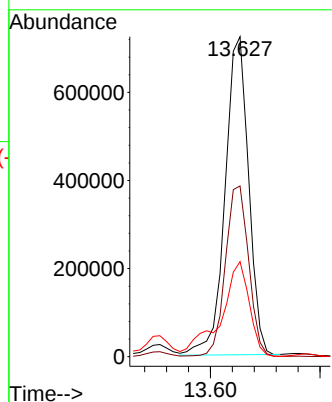
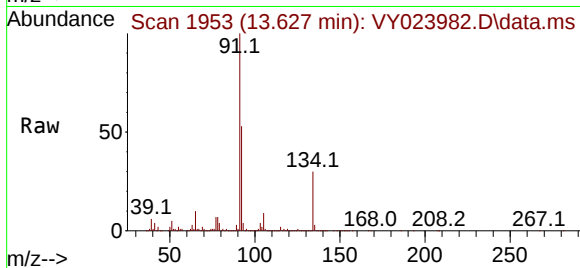
MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 1076173

Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.9	80.6
134	36.3	13.9	41.6



#90

Hexachloroethane

Concen: 53.559 ug/l

RT: 13.889 min Scan# 1996

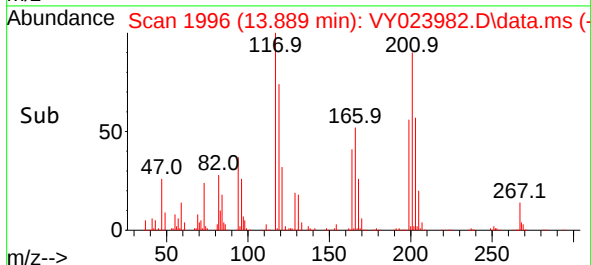
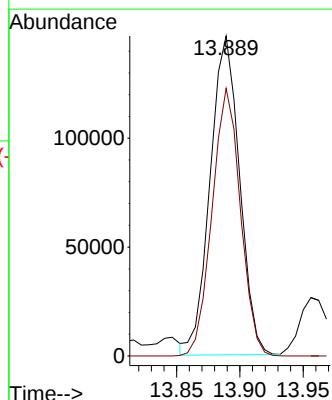
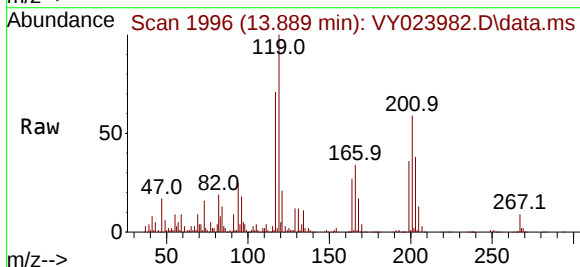
Delta R.T. 0.006 min

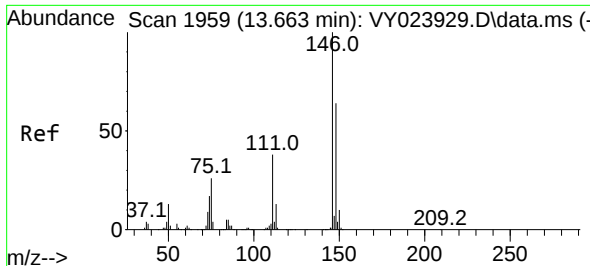
Lab File: VY023982.D

Acq: 15 Dec 2025 19:28

Tgt Ion: 117 Resp: 236809

Ion	Ratio	Lower	Upper
117	100		
201	80.6	42.4	127.3





#91

1,2-Dichlorobenzene

Concen: 49.183 ug/l

RT: 13.664 min Scan# 1959

Delta R.T. 0.000 min

Lab File: VY023982.D

Acq: 15 Dec 2025 19:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

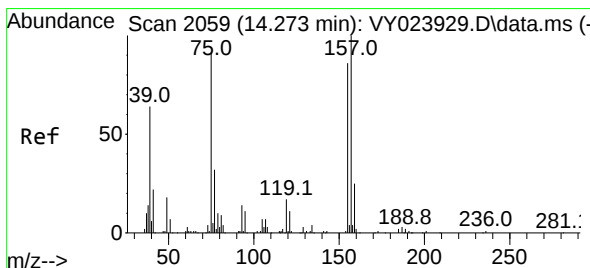
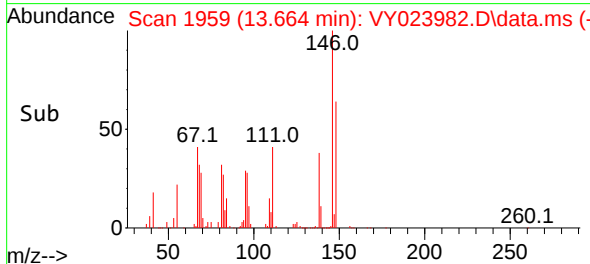
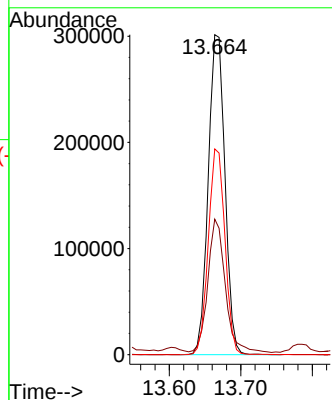
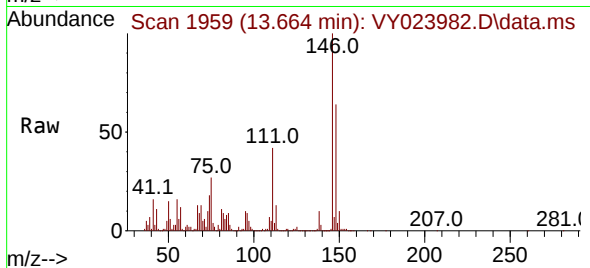
Tgt Ion:146 Resp: 488823

Ion Ratio Lower Upper

146 100

111 43.4 19.6 58.7

148 64.0 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.322 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY023982.D

Acq: 15 Dec 2025 19:28

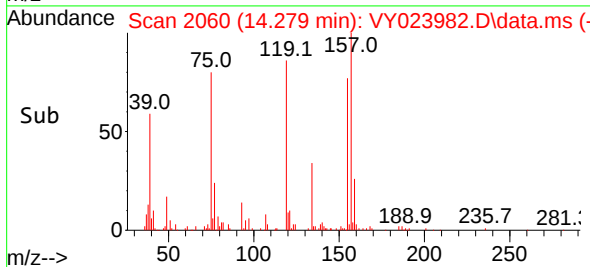
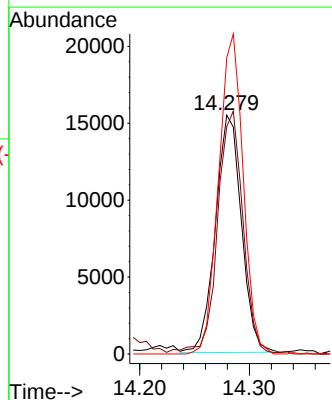
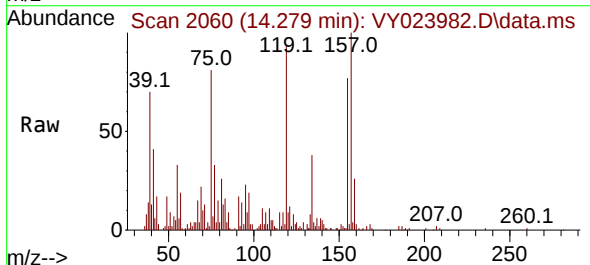
Tgt Ion: 75 Resp: 25437

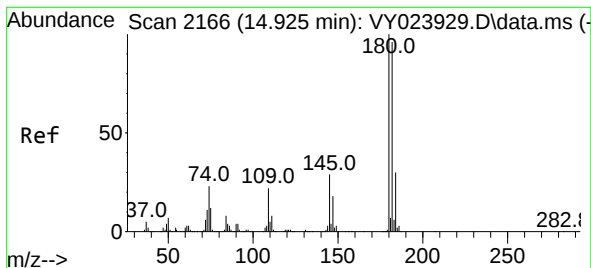
Ion Ratio Lower Upper

75 100

155 100.3 50.2 150.7

157 127.2 62.8 188.5





#93

1,2,4-Trichlorobenzene

Concen: 49.335 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY023982.D

Acq: 15 Dec 2025 19:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

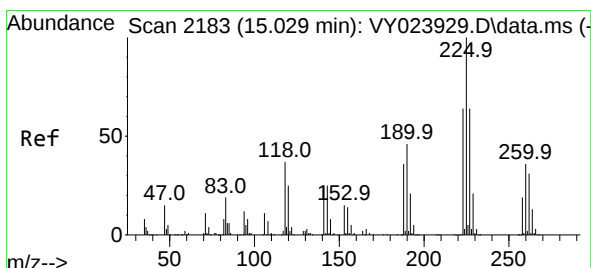
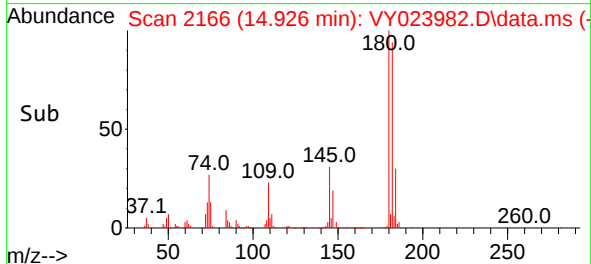
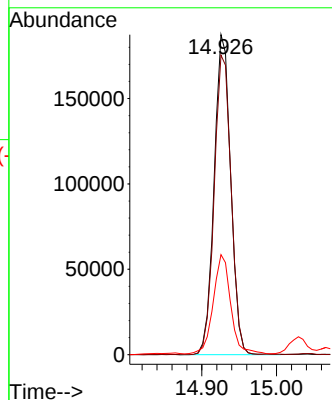
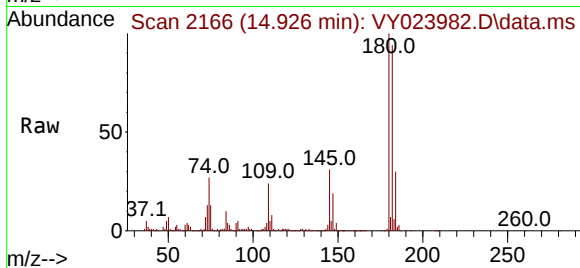
Tgt Ion:180 Resp: 288190

Ion Ratio Lower Upper

180 100

182 95.6 47.6 142.9

145 33.6 14.8 44.4



#94

Hexachlorobutadiene

Concen: 48.952 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.000 min

Lab File: VY023982.D

Acq: 15 Dec 2025 19:28

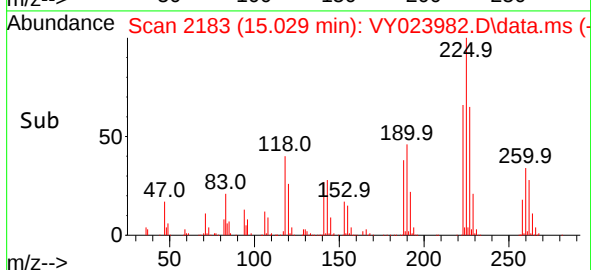
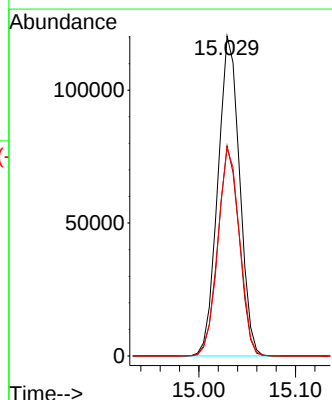
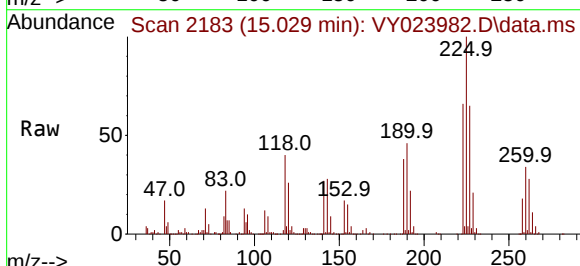
Tgt Ion:225 Resp: 187436

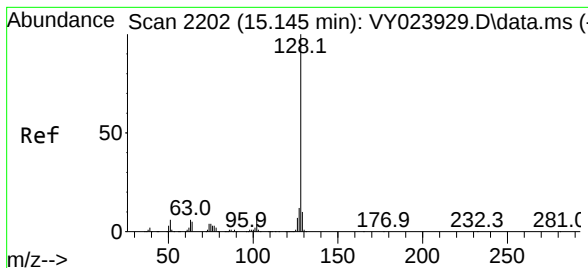
Ion Ratio Lower Upper

225 100

223 64.3 31.6 95.0

227 65.0 31.7 95.1





#95

Naphthalene

Concen: 70.402 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY023982.D

Acq: 15 Dec 2025 19:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

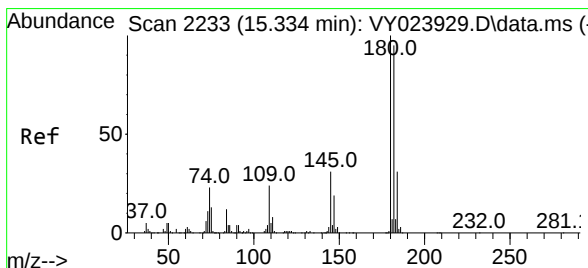
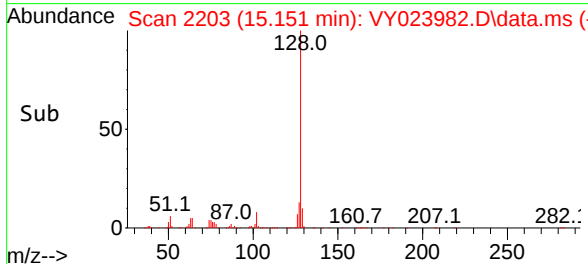
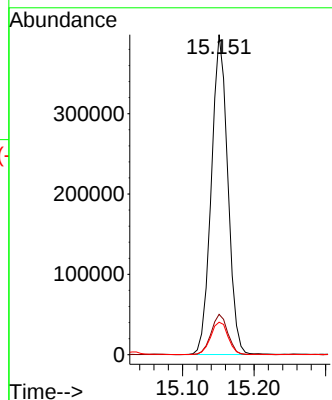
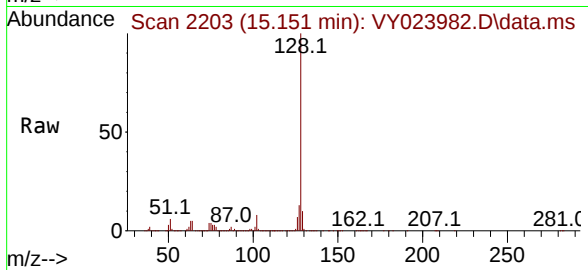
Tgt Ion:128 Resp: 635893

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 48.496 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY023982.D

Acq: 15 Dec 2025 19:28

Tgt Ion:180 Resp: 241066

Ion Ratio Lower Upper

180 100

182 94.1 47.8 143.4

145 32.6 15.6 46.8

