

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
 Data File : VY021298.D
 Acq On : 21 Feb 2025 20:27
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Feb 28 06:39:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	127702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	200243	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	179395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	92699	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	70818	54.125	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.260%	
35) Dibromofluoromethane	7.646	113	68028	53.011	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.020%	
50) Toluene-d8	10.115	98	253697	51.928	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.860%	
62) 4-Bromofluorobenzene	12.413	95	86427	54.149	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.300%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.866	85	48896	42.960	ug/l	96
3) Chloromethane	2.074	50	66978	59.635	ug/l	96
4) Vinyl Chloride	2.208	62	69742	61.693	ug/l	98
5) Bromomethane	2.604	94	43960	62.917	ug/l	99
6) Chloroethane	2.744	64	45841	68.120	ug/l	97
7) Trichlorofluoromethane	3.067	101	105628	51.288	ug/l	100
8) Diethyl Ether	3.464	74	32573	50.663	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.823	101	63248	48.931	ug/l	97
10) Methyl Iodide	4.012	142	70971	49.422	ug/l	92
11) Tert butyl alcohol	4.872	59	20115	226.865	ug/l	95
12) 1,1-Dichloroethene	3.799	96	58353	47.924	ug/l	86
13) Acrolein	3.659	56	14964	109.599	ug/l	100
14) Allyl chloride	4.397	41	107582	52.425	ug/l	90
15) Acrylonitrile	5.067	53	72547	270.971	ug/l	97
16) Acetone	3.884	43	54339	266.311	ug/l	95
17) Carbon Disulfide	4.116	76	163127	42.725	ug/l	100
18) Methyl Acetate	4.397	43	42032	58.681	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	164986	53.609	ug/l	98
20) Methylene Chloride	4.628	84	66140	52.142	ug/l	90
21) trans-1,2-Dichloroethene	5.128	96	65263	48.693	ug/l	88
22) Diisopropyl ether	6.030	45	245873	58.129	ug/l	98
23) Vinyl Acetate	5.969	43	664260	281.710	ug/l	96
24) 1,1-Dichloroethane	5.927	63	136272	54.988	ug/l	98
25) 2-Butanone	6.902	43	94486	281.796	ug/l	96
26) 2,2-Dichloropropane	6.896	77	110775	48.309	ug/l	97
27) cis-1,2-Dichloroethene	6.896	96	81165	52.612	ug/l	91
28) Bromochloromethane	7.256	49	55091	56.218	ug/l	94
29) Tetrahydrofuran	7.274	42	62499	275.466	ug/l	93
30) Chloroform	7.426	83	140070	55.027	ug/l	100
31) Cyclohexane	7.707	56	104105	46.649	ug/l	94
32) 1,1,1-Trichloroethane	7.628	97	123595	52.224	ug/l	98
36) 1,1-Dichloropropene	7.841	75	94379	49.653	ug/l	98
37) Ethyl Acetate	6.994	43	44845	53.780	ug/l	98
38) Carbon Tetrachloride	7.829	117	110409	49.712	ug/l	99
39) Methylcyclohexane	9.115	83	110205	47.400	ug/l	94
40) Benzene	8.085	78	291377	52.236	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
 Data File : VY021298.D
 Acq On : 21 Feb 2025 20:27
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Feb 28 06:39:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	26453	54.835	ug/l	96
42) 1,2-Dichloroethane	8.164	62	84380	54.531	ug/l	97
43) Isopropyl Acetate	8.207	43	92566	55.868	ug/l #	84
44) Trichloroethene	8.871	130	72094	50.025	ug/l	97
45) 1,2-Dichloropropane	9.146	63	72574	54.816	ug/l	96
46) Dibromomethane	9.237	93	38469	52.478	ug/l	98
47) Bromodichloromethane	9.432	83	107436	54.647	ug/l	96
48) Methyl methacrylate	9.225	41	42933	56.886	ug/l	87
49) 1,4-Dioxane	9.243	88	7570	1109.293	ug/l	93
51) 4-Methyl-2-Pentanone	10.005	43	240674	288.857	ug/l	95
52) Toluene	10.176	92	186882	53.357	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	94918	53.768	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	112011	53.589	ug/l #	88
55) 1,1,2-Trichloroethane	10.578	97	50770	53.484	ug/l	97
56) Ethyl methacrylate	10.444	69	69019	54.350	ug/l #	84
57) 1,3-Dichloropropane	10.725	76	89268	54.331	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	154985	256.535	ug/l	99
59) 2-Hexanone	10.767	43	159168	296.700	ug/l	92
60) Dibromochloromethane	10.914	129	70461	52.855	ug/l	99
61) 1,2-Dibromoethane	11.023	107	46137	51.889	ug/l	100
64) Tetrachloroethene	10.651	164	63533	47.707	ug/l	96
65) Chlorobenzene	11.444	112	200342	50.154	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.523	131	73344	51.667	ug/l	98
67) Ethyl Benzene	11.523	91	361813	51.210	ug/l	100
68) m/p-Xylenes	11.633	106	271905	102.873	ug/l	98
69) o-Xylene	11.962	106	128186	52.018	ug/l	96
70) Styrene	11.974	104	220140	53.599	ug/l	98
71) Bromoform	12.139	173	40285	50.984	ug/l #	99
73) Isopropylbenzene	12.261	105	346825	47.897	ug/l	99
74) N-amyl acetate	12.078	43	83623	52.822	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.511	83	57866	48.050	ug/l	100
76) 1,2,3-Trichloropropane	12.566	75	76878	91.424	ug/l #	100
77) Bromobenzene	12.535	156	79189	47.390	ug/l	95
78) n-propylbenzene	12.602	91	421016	48.809	ug/l	99
79) 2-Chlorotoluene	12.688	91	238624	48.301	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	282926	48.192	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	18920	45.910	ug/l	92
82) 4-Chlorotoluene	12.785	91	245636	48.800	ug/l	99
83) tert-Butylbenzene	13.005	119	260345	48.787	ug/l	98
84) 1,2,4-Trimethylbenzene	13.047	105	284109	49.493	ug/l	99
85) sec-Butylbenzene	13.182	105	373628	48.640	ug/l	99
86) p-Isopropyltoluene	13.297	119	313085	49.066	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	158092	48.998	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	155677	49.004	ug/l	99
89) n-Butylbenzene	13.620	91	292709	50.284	ug/l	99
90) Hexachloroethane	13.889	117	65786	49.420	ug/l	87
91) 1,2-Dichlorobenzene	13.663	146	138923	49.608	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	8778	48.777	ug/l	96
93) 1,2,4-Trichlorobenzene	14.925	180	79651	51.098	ug/l	99
94) Hexachlorobutadiene	15.029	225	51673	50.024	ug/l	99
95) Naphthalene	15.151	128	135915	54.500	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	68173	52.553	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021298.D
Acq On : 21 Feb 2025 20:27
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

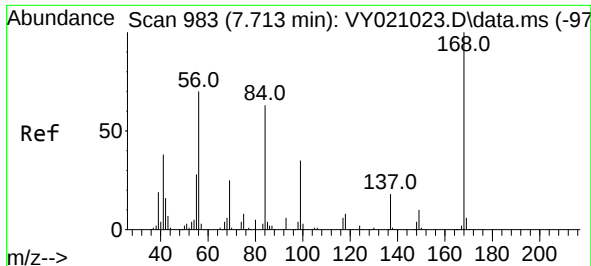
Quant Time: Feb 28 06:39:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Feb 28 06:39:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

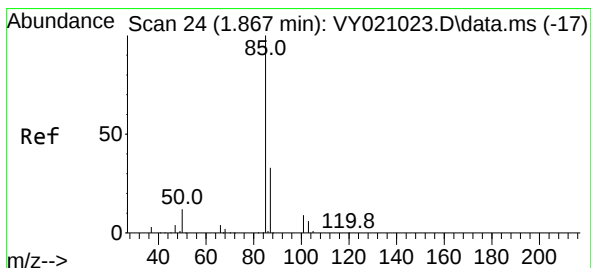
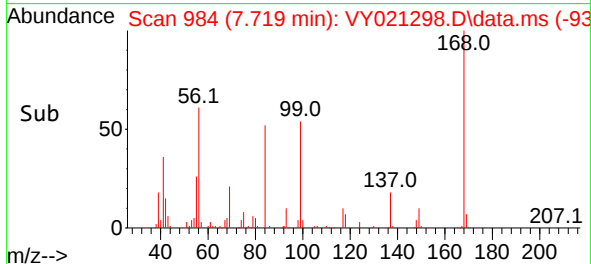
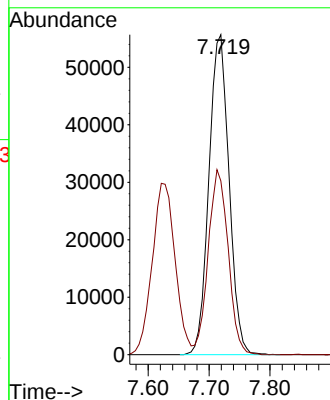
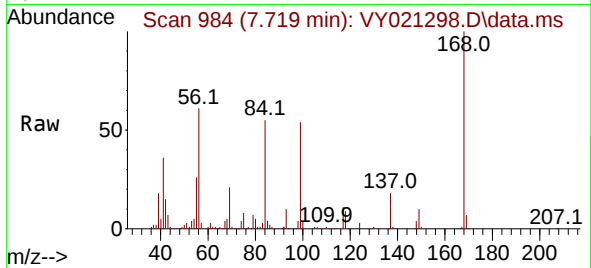




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

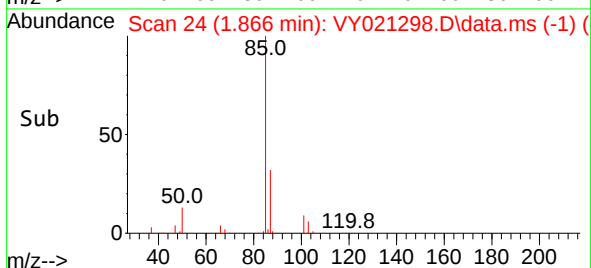
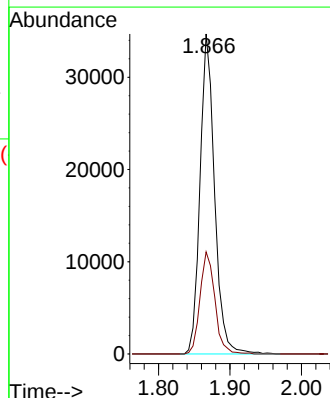
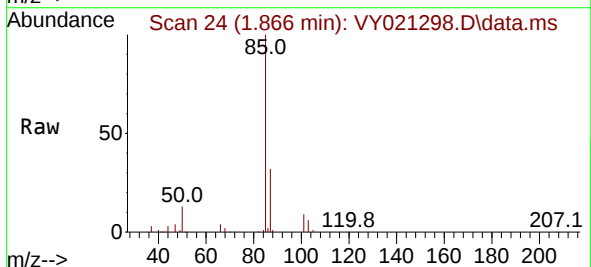
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

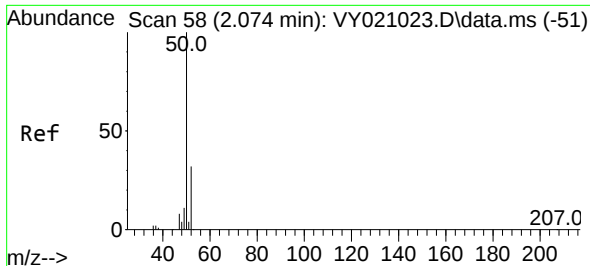
Tgt Ion:168 Resp: 127702
Ion Ratio Lower Upper
168 100
99 54.3 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 42.960 ug/l
RT: 1.866 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 85 Resp: 48896
Ion Ratio Lower Upper
85 100
87 31.9 17.1 51.3

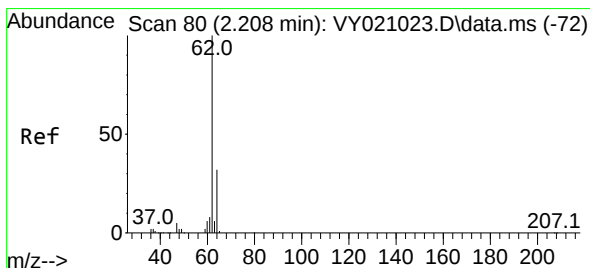
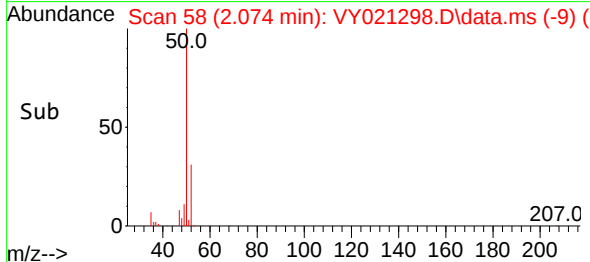
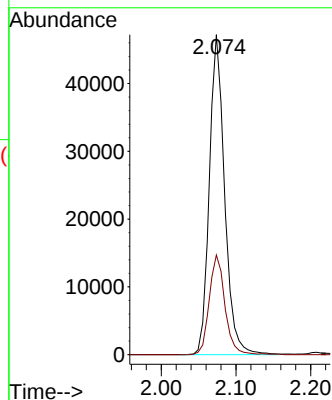
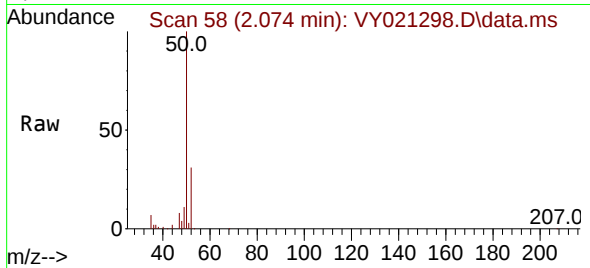




#3
Chloromethane
Concen: 59.635 ug/l
RT: 2.074 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

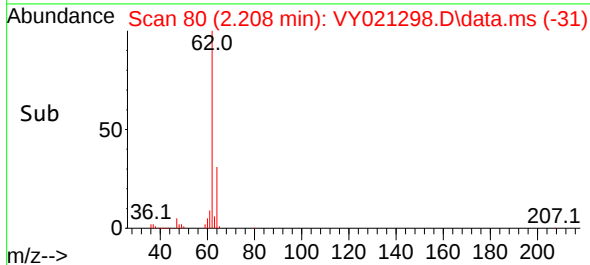
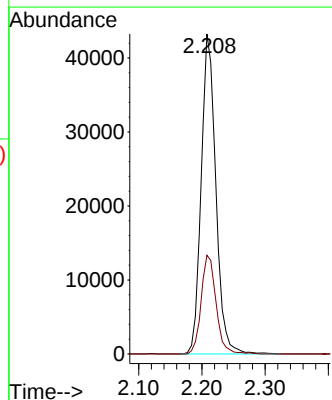
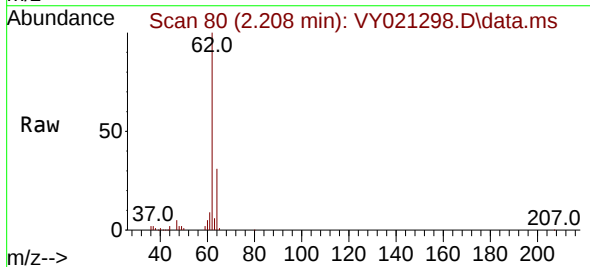
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

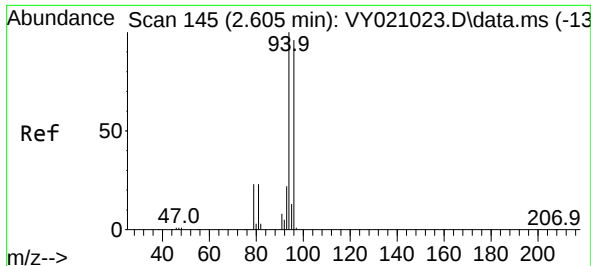
Tgt Ion: 50 Resp: 66978
Ion Ratio Lower Upper
50 100
52 31.1 26.7 40.1



#4
Vinyl Chloride
Concen: 61.693 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 62 Resp: 69742
Ion Ratio Lower Upper
62 100
64 30.8 25.7 38.5

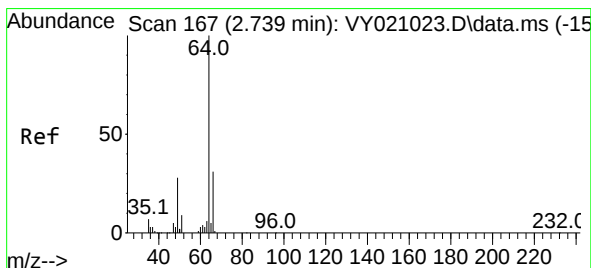
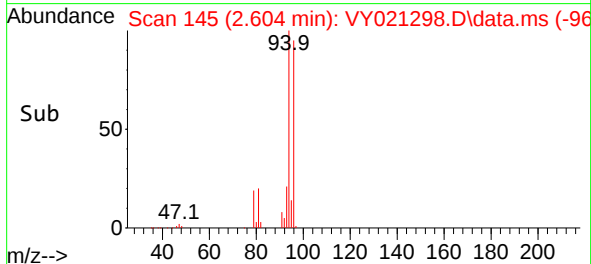
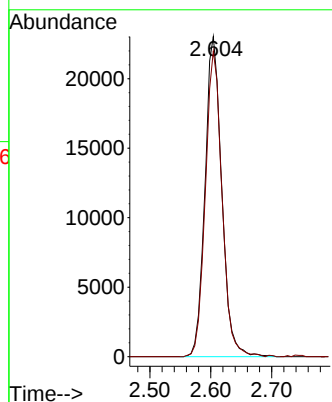
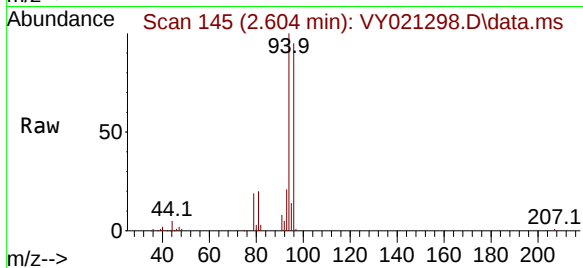




#5
Bromomethane
Concen: 62.917 ug/l
RT: 2.604 min Scan# 145
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

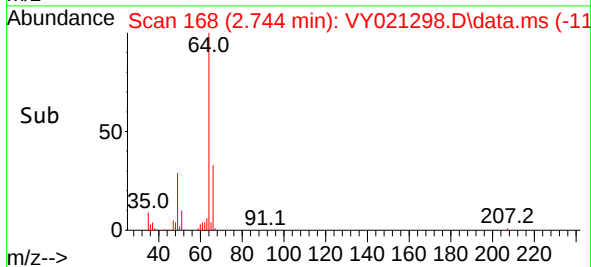
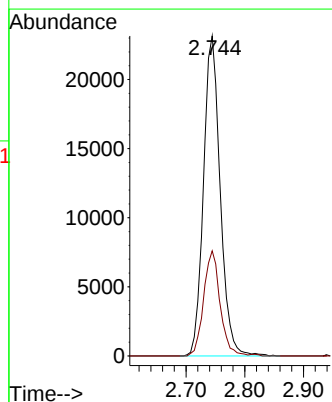
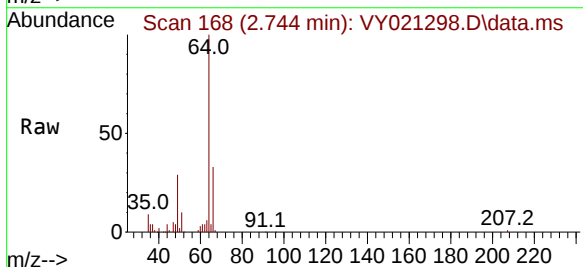
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

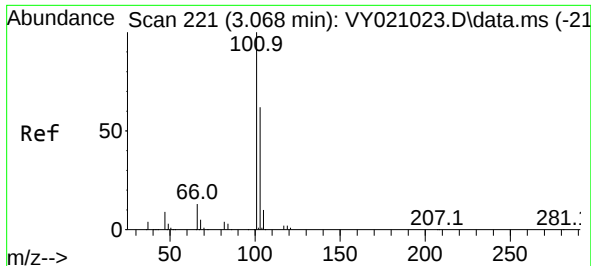
Tgt Ion: 94 Resp: 43960
Ion Ratio Lower Upper
94 100
96 95.5 77.3 115.9



#6
Chloroethane
Concen: 68.120 ug/l
RT: 2.744 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 64 Resp: 45841
Ion Ratio Lower Upper
64 100
66 32.8 25.1 37.7

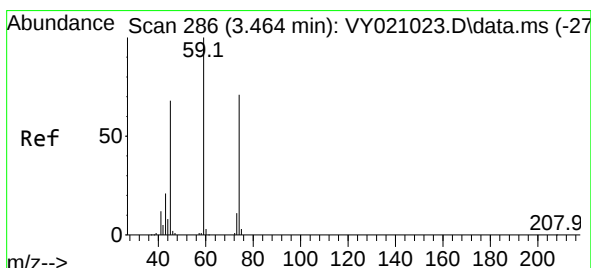
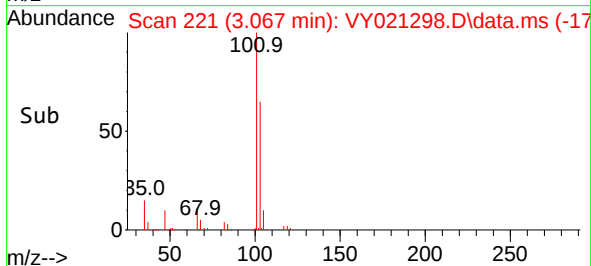
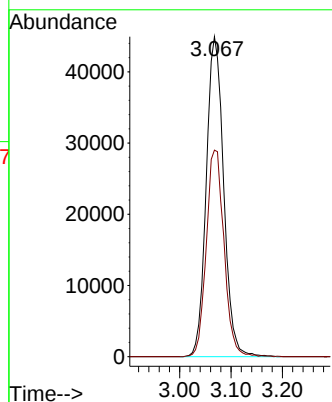
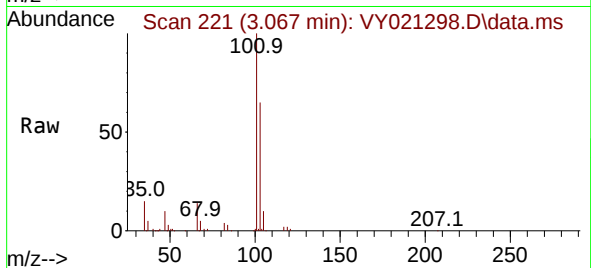




#7
Trichlorofluoromethane
Concen: 51.288 ug/l
RT: 3.067 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

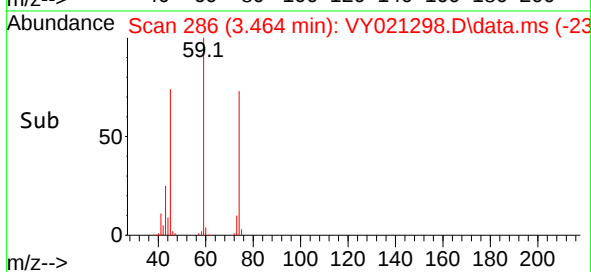
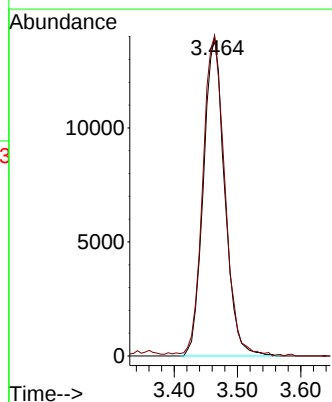
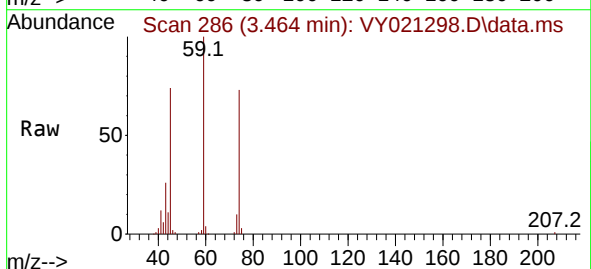
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

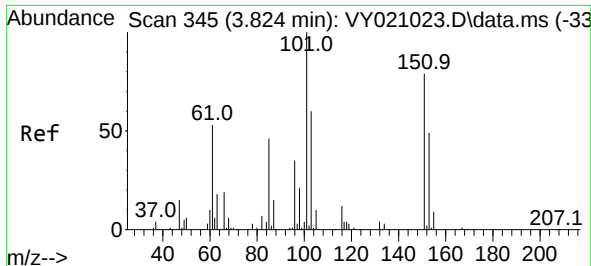
Tgt Ion:101 Resp: 105628
Ion Ratio Lower Upper
101 100
103 64.5 51.9 77.9



#8
Diethyl Ether
Concen: 50.663 ug/l
RT: 3.464 min Scan# 286
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 74 Resp: 32573
Ion Ratio Lower Upper
74 100
45 103.1 47.9 143.7

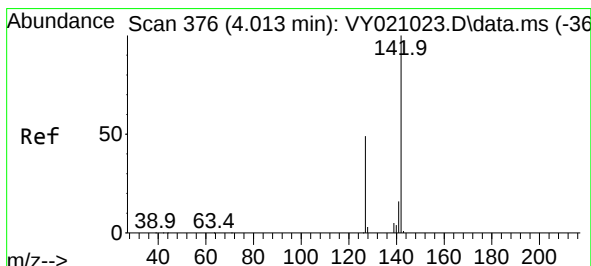
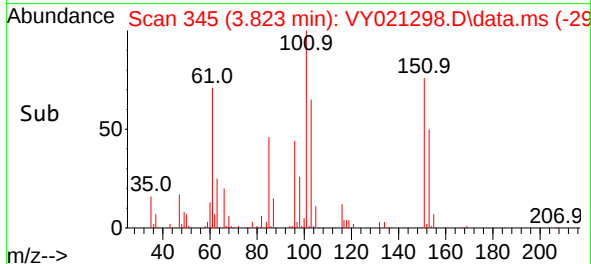
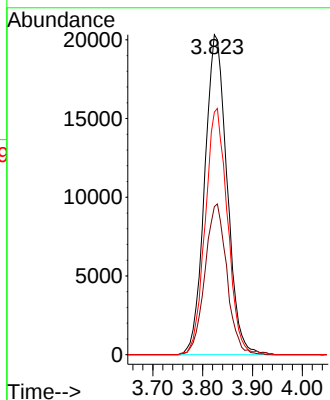
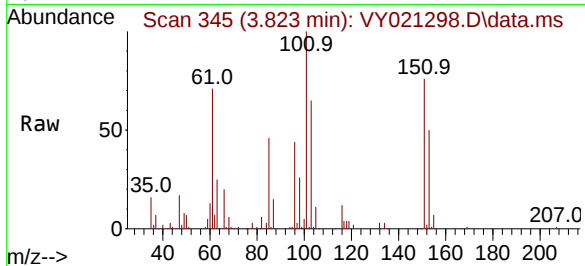




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.931 ug/l
RT: 3.823 min Scan# 345
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

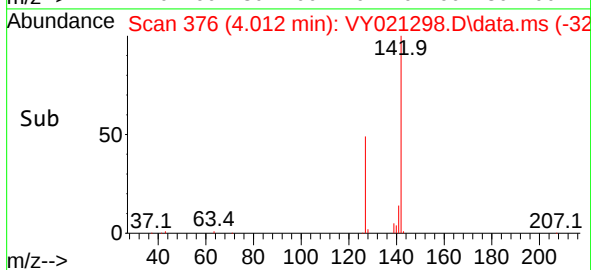
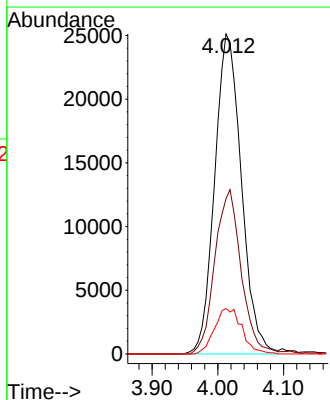
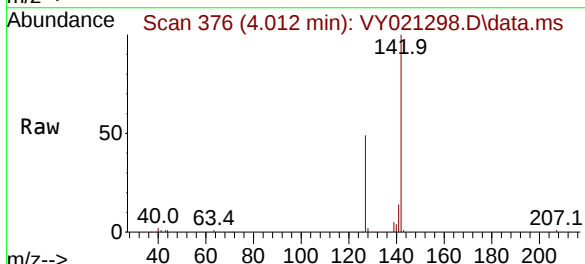
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

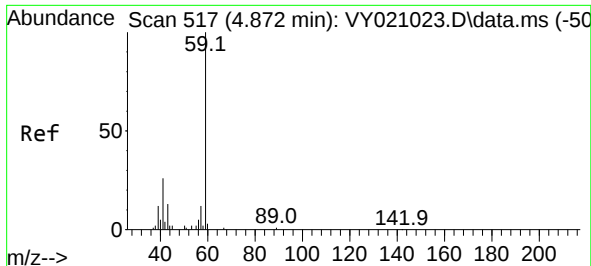
Tgt Ion:101	Resp:	63248
Ion Ratio	Lower	Upper
101	100	
85	46.3	35.8 53.6
151	76.7	58.6 88.0



#10
Methyl Iodide
Concen: 49.422 ug/l
RT: 4.012 min Scan# 376
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:142	Resp:	70971
Ion Ratio	Lower	Upper
142	100	
127	50.6	35.1 52.7
141	14.6	11.8 17.6





#11

Tert butyl alcohol

Concen: 226.865 ug/l

RT: 4.872 min Scan# 517

Delta R.T. -0.000 min

Lab File: VY021298.D

Acq: 21 Feb 2025 20:27

Instrument :

MSVOA_Y

ClientSampleId :

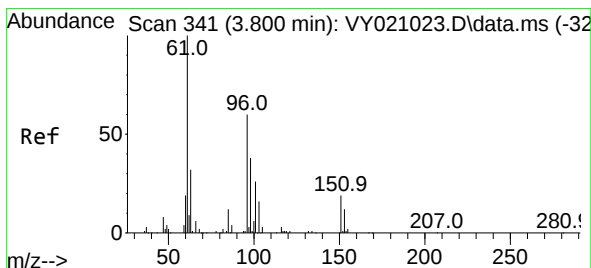
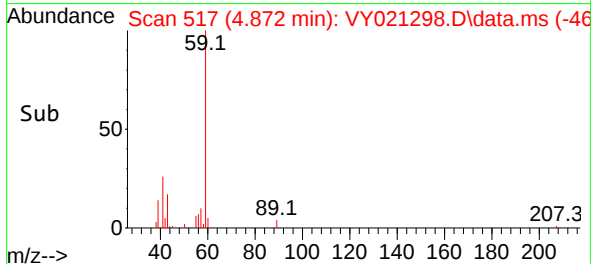
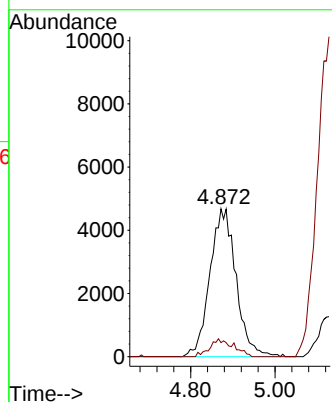
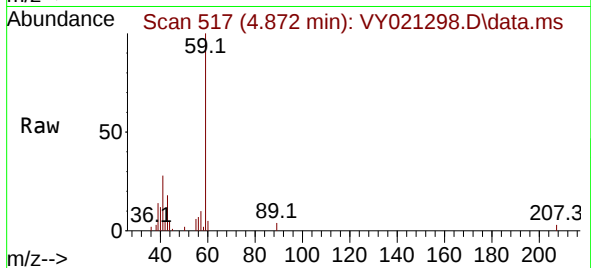
VSTDCCC050EC

Tgt Ion: 59 Resp: 20115

Ion Ratio Lower Upper

59 100

57 10.9 7.4 11.0



#12

1,1-Dichloroethene

Concen: 47.924 ug/l

RT: 3.799 min Scan# 341

Delta R.T. -0.000 min

Lab File: VY021298.D

Acq: 21 Feb 2025 20:27

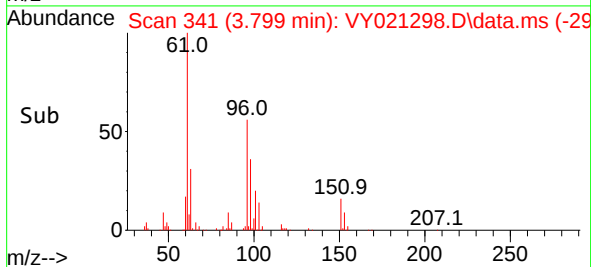
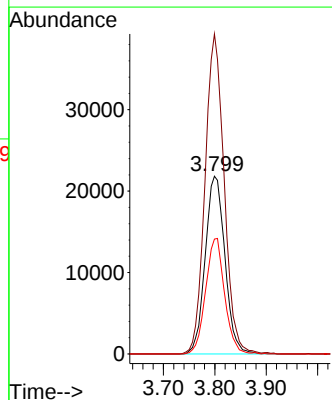
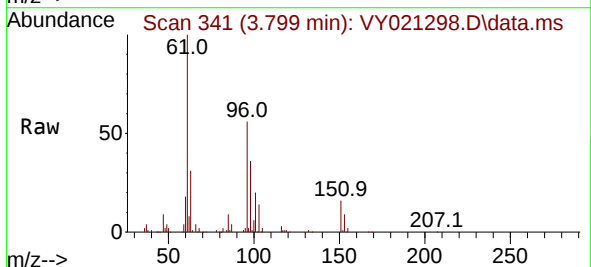
Tgt Ion: 96 Resp: 58353

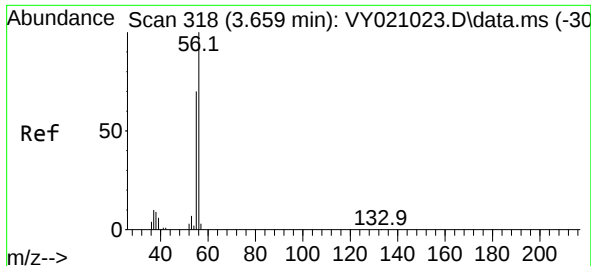
Ion Ratio Lower Upper

96 100

61 180.0 124.2 186.2

98 64.6 52.6 79.0





#13

Acrolein

Concen: 109.599 ug/l

RT: 3.659 min Scan# 318

Delta R.T. -0.000 min

Lab File: VY021298.D

Acq: 21 Feb 2025 20:27

Instrument :

MSVOA_Y

ClientSampleId :

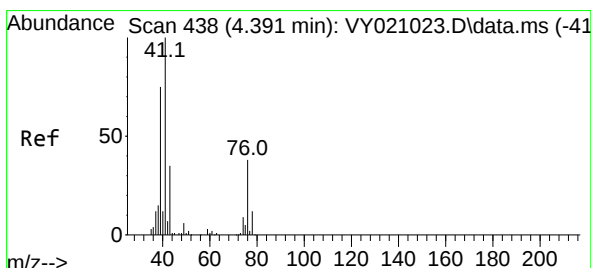
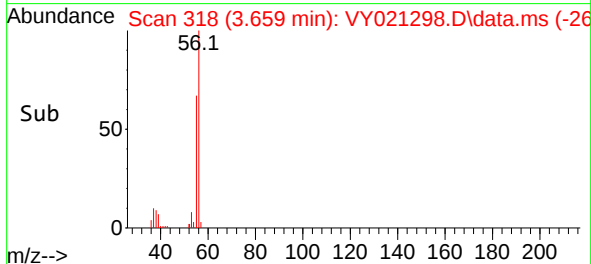
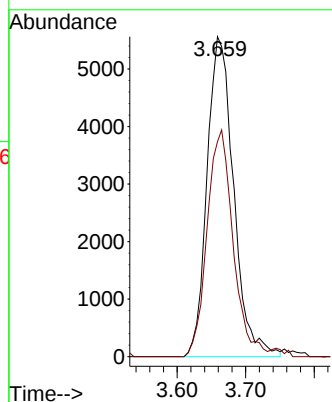
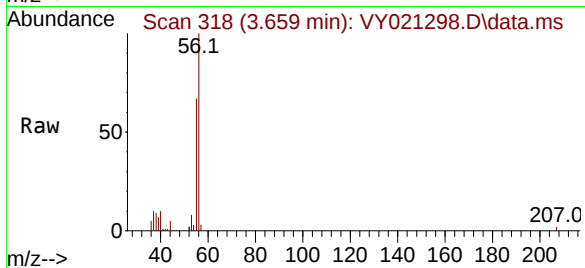
VSTDCCC050EC

Tgt Ion: 56 Resp: 14964

Ion Ratio Lower Upper

56 100

55 69.4 55.4 83.0



#14

Allyl chloride

Concen: 52.425 ug/l

RT: 4.397 min Scan# 439

Delta R.T. 0.006 min

Lab File: VY021298.D

Acq: 21 Feb 2025 20:27

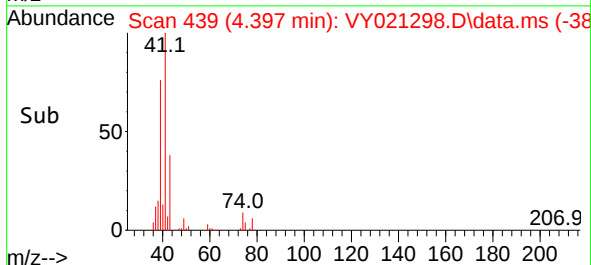
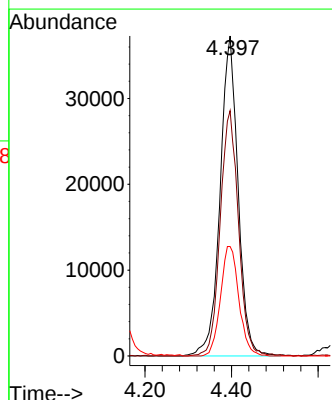
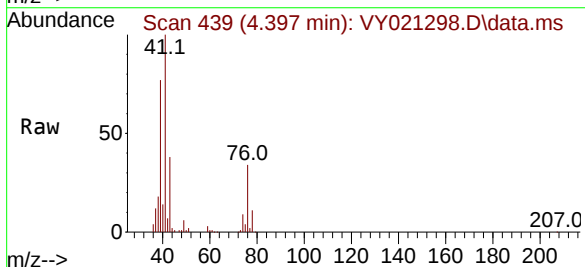
Tgt Ion: 41 Resp: 107582

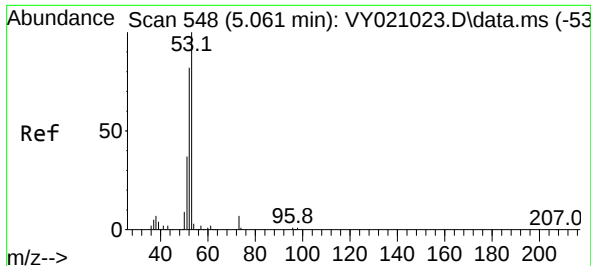
Ion Ratio Lower Upper

41 100

39 78.0 54.7 82.1

76 35.0 31.8 47.6

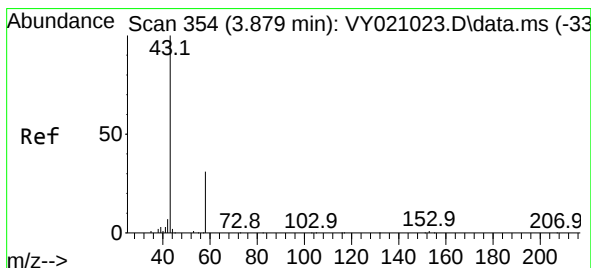
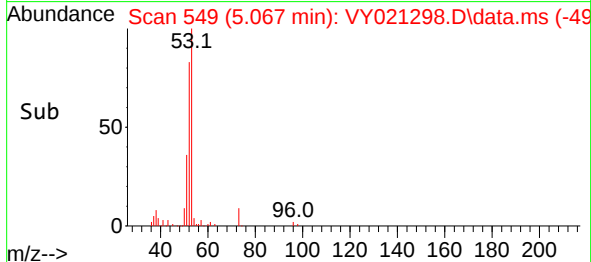
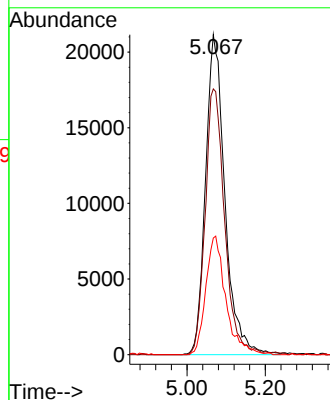
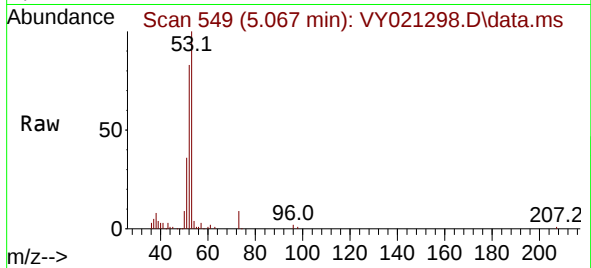




#15
Acrylonitrile
Concen: 270.971 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

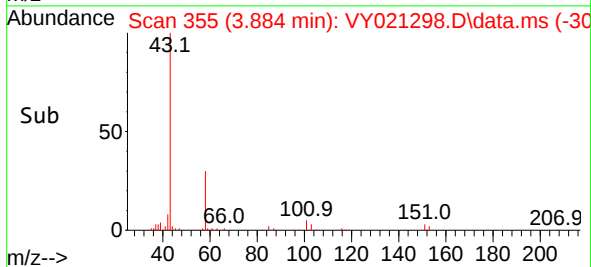
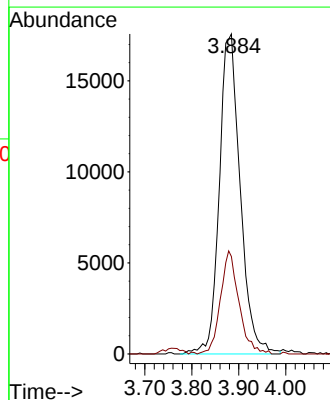
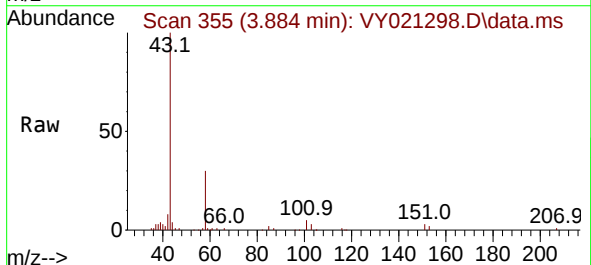
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

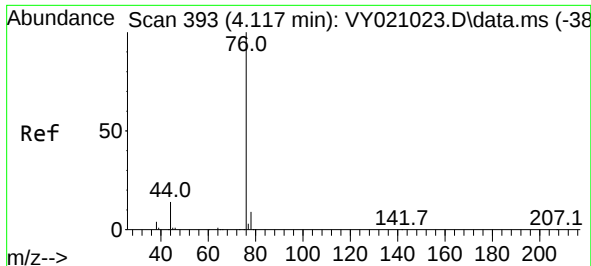
Tgt Ion: 53 Resp: 72547
Ion Ratio Lower Upper
53 100
52 83.5 65.1 97.7
51 38.3 29.0 43.4



#16
Acetone
Concen: 266.311 ug/l
RT: 3.884 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 43 Resp: 54339
Ion Ratio Lower Upper
43 100
58 30.5 26.6 39.8

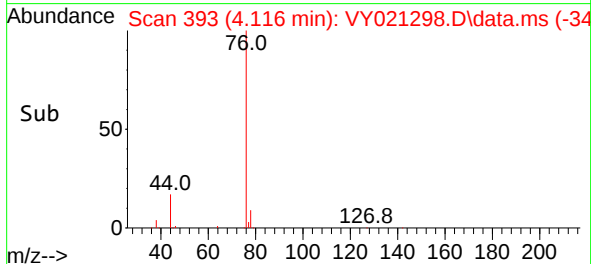
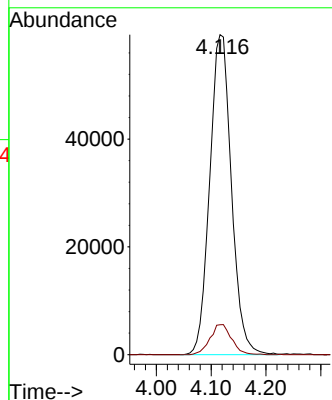
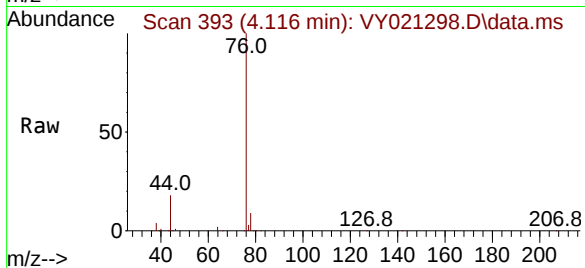




#17
Carbon Disulfide
Concen: 42.725 ug/l
RT: 4.116 min Scan# 393
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

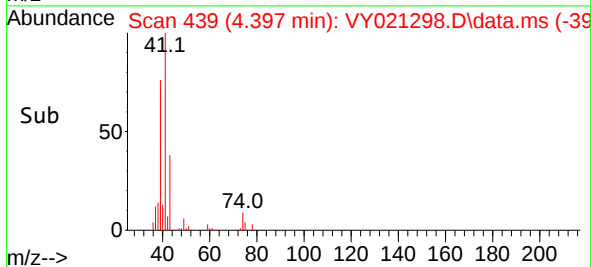
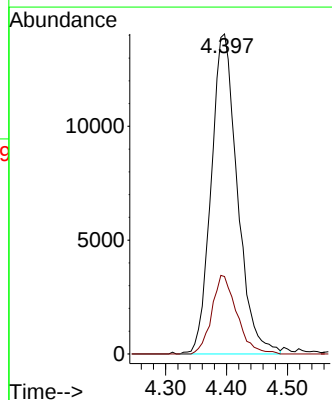
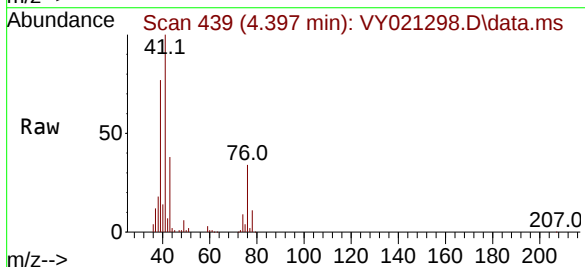
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 163127
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 58.681 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 43 Resp: 42032
Ion Ratio Lower Upper
43 100
74 23.4 19.8 29.6

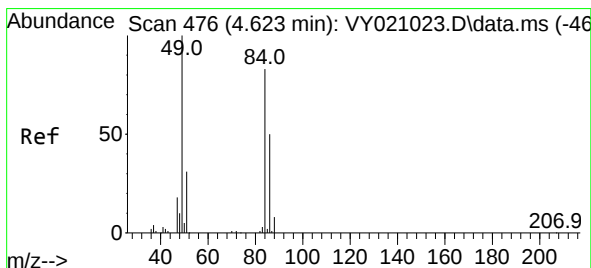
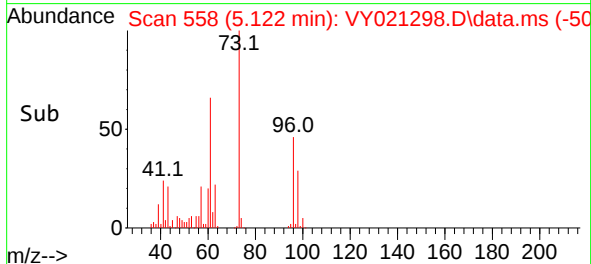
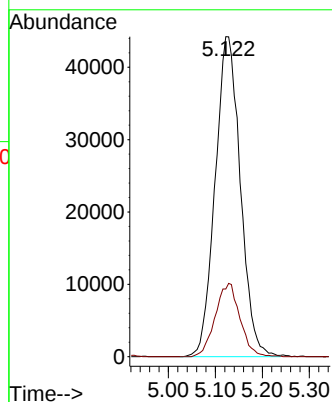
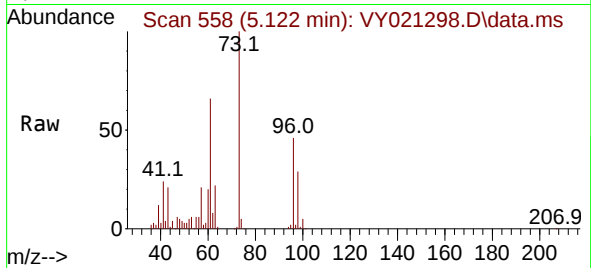




#19
Methyl tert-butyl Ether
Concen: 53.609 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

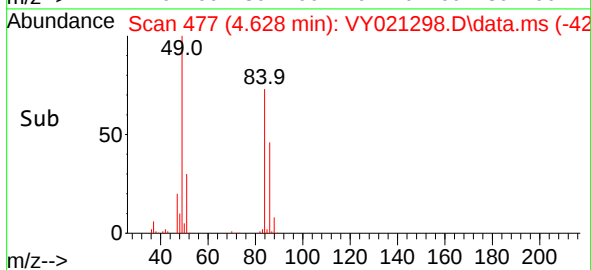
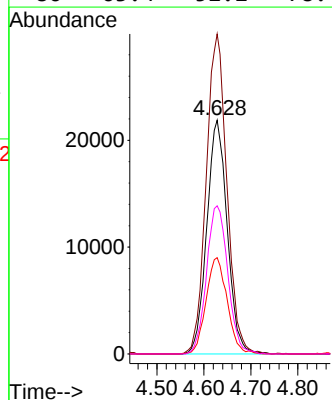
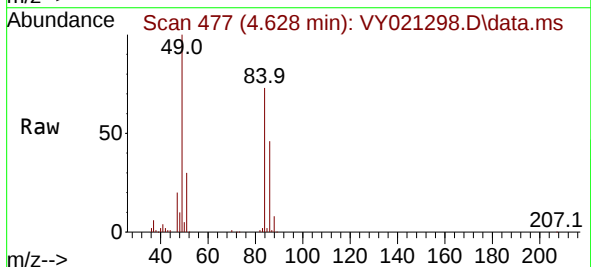
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

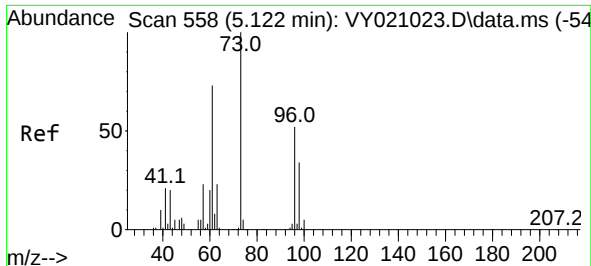
Tgt Ion: 73 Resp: 164986
Ion Ratio Lower Upper
73 100
57 21.2 17.7 26.5



#20
Methylene Chloride
Concen: 52.142 ug/l
RT: 4.628 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 84 Resp: 66140
Ion Ratio Lower Upper
84 100
49 136.9 95.2 142.8
51 41.2 29.9 44.9
86 63.4 52.2 78.4

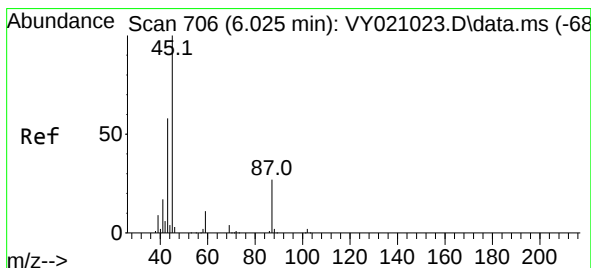
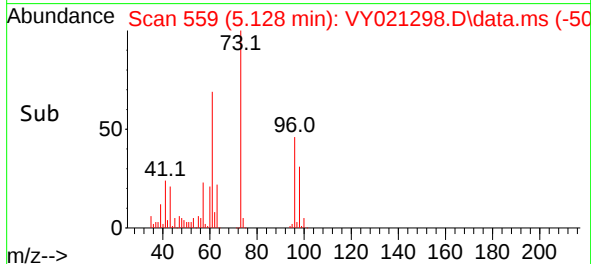
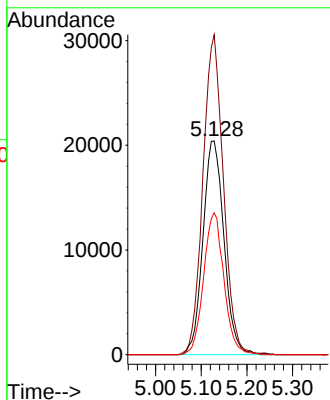
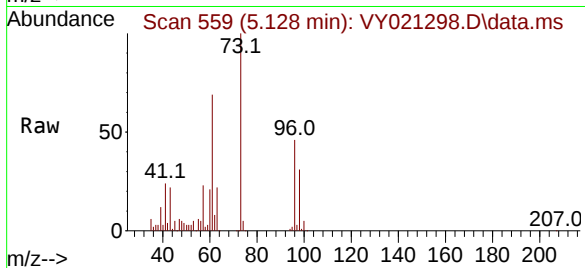




#21
trans-1,2-Dichloroethene
Concen: 48.693 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

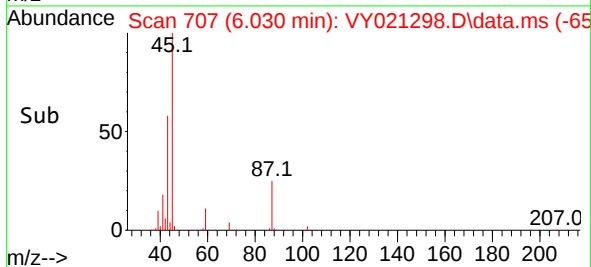
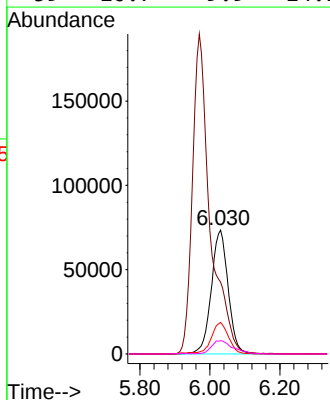
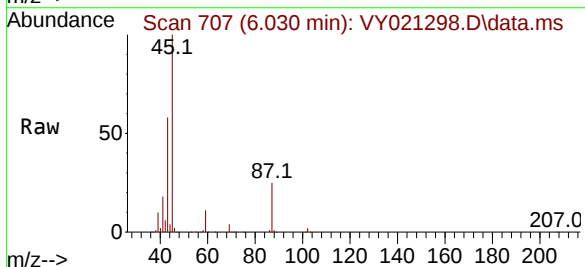
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

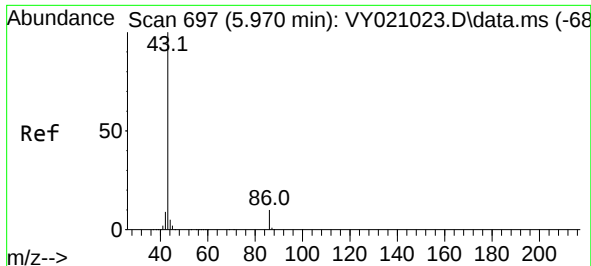
Tgt Ion: 96 Resp: 65263
Ion Ratio Lower Upper
96 100
61 149.7 104.6 156.8
98 66.4 50.9 76.3



#22
Diisopropyl ether
Concen: 58.129 ug/l
RT: 6.030 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 45 Resp: 245873
Ion Ratio Lower Upper
45 100
43 57.7 46.8 70.2
87 25.4 22.2 33.2
59 10.7 9.9 14.9

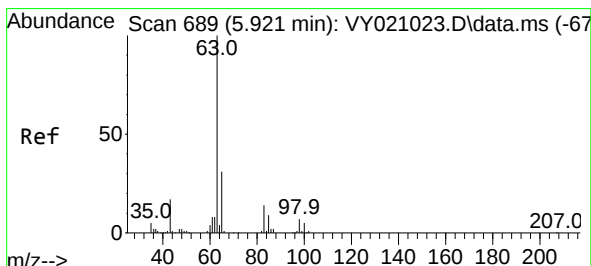
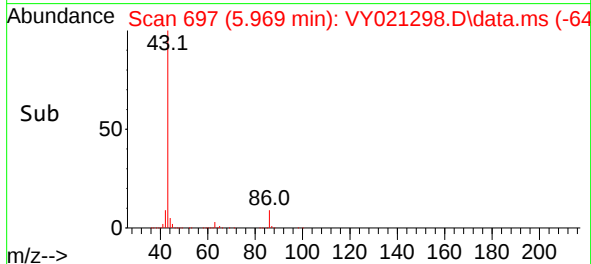
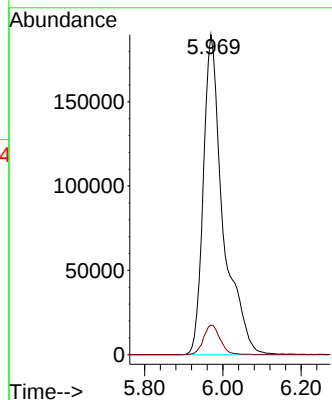
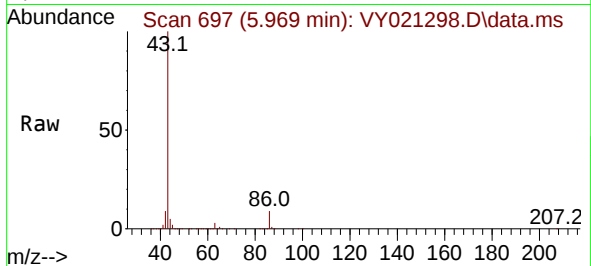




#23
 Vinyl Acetate
 Concen: 281.710 ug/l
 RT: 5.969 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: VY021298.D
 Acq: 21 Feb 2025 20:27

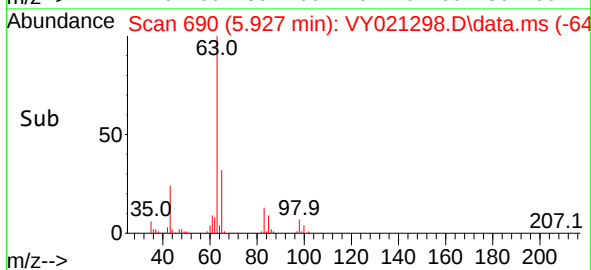
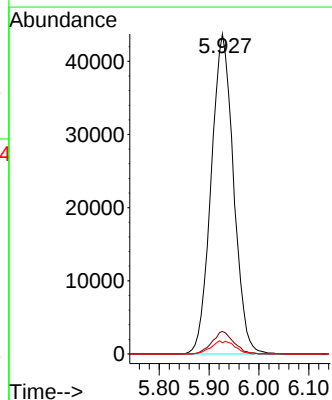
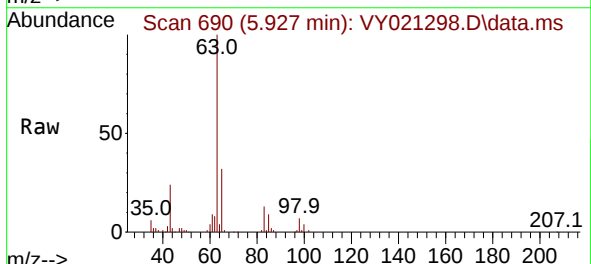
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

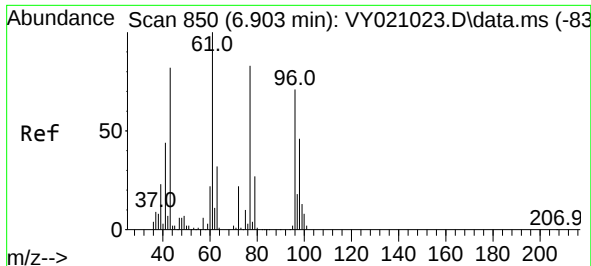
Tgt Ion: 43 Resp: 664260
 Ion Ratio Lower Upper
 43 100
 86 9.2 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 54.988 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY021298.D
 Acq: 21 Feb 2025 20:27

Tgt Ion: 63 Resp: 136272
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.4
 100 3.5 2.1 6.2





#25

2-Butanone

Concen: 281.796 ug/l

RT: 6.902 min Scan# 81

Delta R.T. -0.000 min

Lab File: VY021298.D

Acq: 21 Feb 2025 20:27

Instrument :

MSVOA_Y

ClientSampleId :

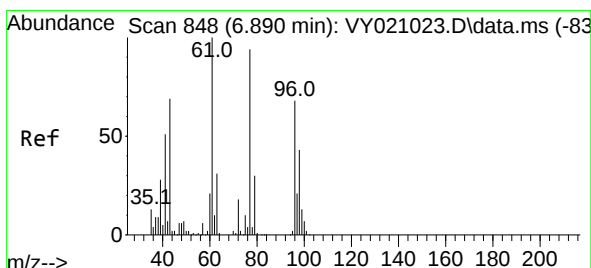
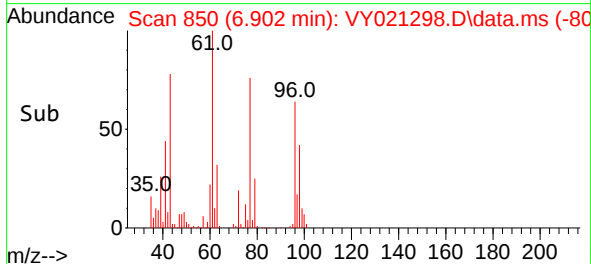
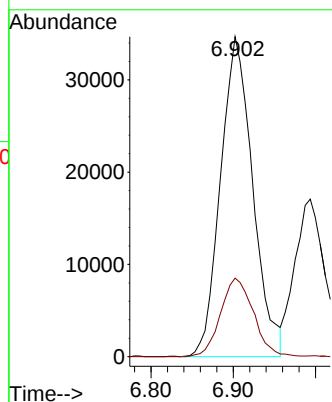
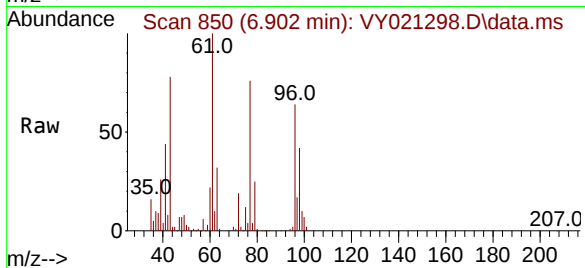
VSTDCCC050EC

Tgt Ion: 43 Resp: 94486

Ion Ratio Lower Upper

43 100

72 24.6 21.4 32.2



#26

2,2-Dichloropropane

Concen: 48.309 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY021298.D

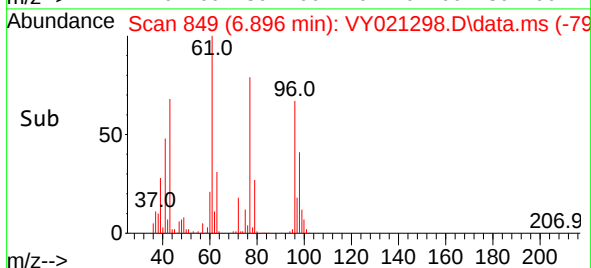
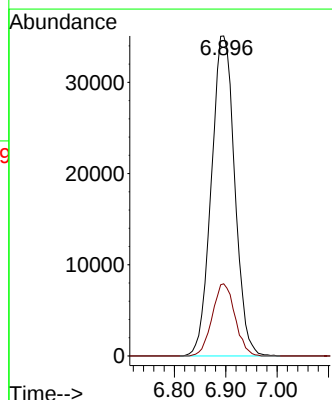
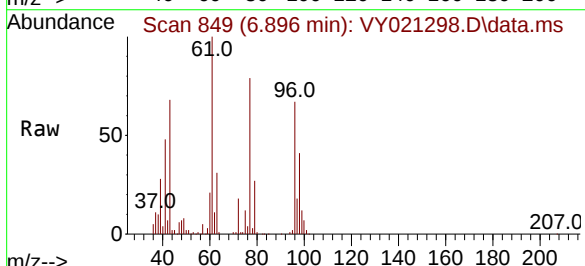
Acq: 21 Feb 2025 20:27

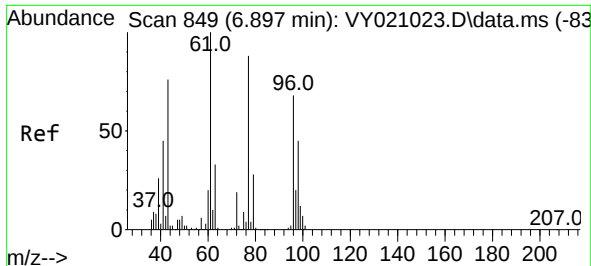
Tgt Ion: 77 Resp: 110775

Ion Ratio Lower Upper

77 100

97 22.0 11.7 35.0

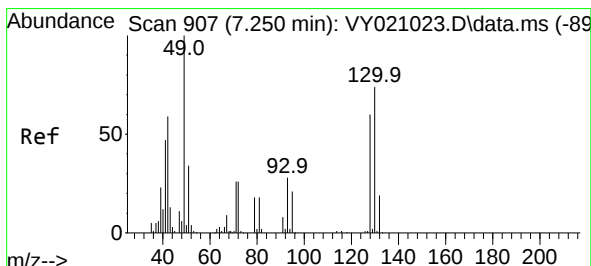
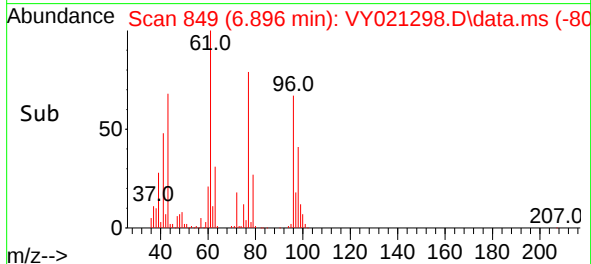
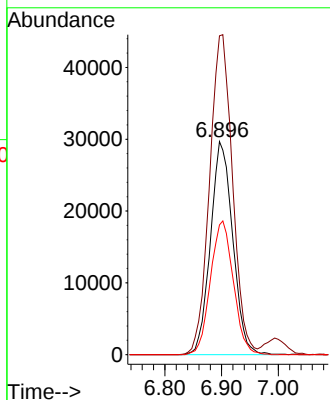
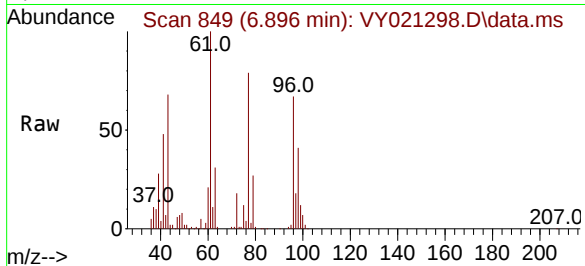




#27
 cis-1,2-Dichloroethene
 Concen: 52.612 ug/l
 RT: 6.896 min Scan# 849
 Delta R.T. -0.000 min
 Lab File: VY021298.D
 Acq: 21 Feb 2025 20:27

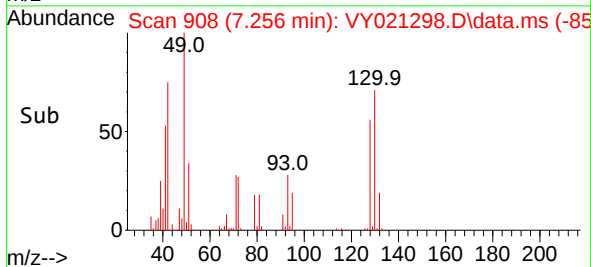
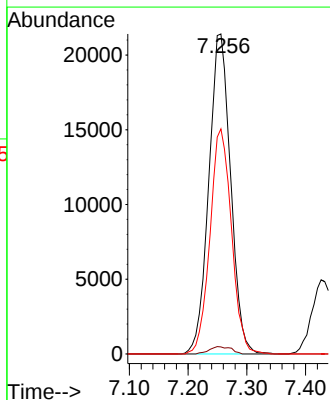
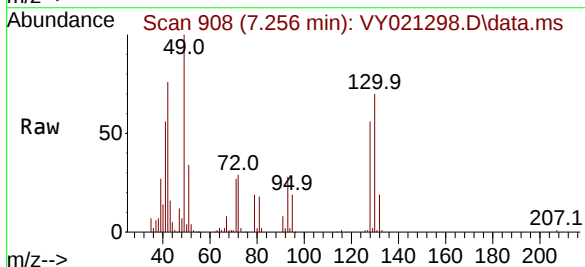
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

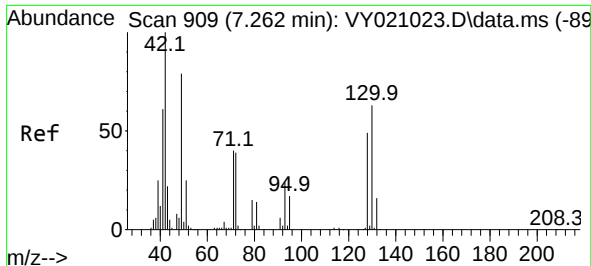
Tgt Ion: 96 Resp: 81165
 Ion Ratio Lower Upper
 96 100
 61 154.5 0.0 278.8
 98 64.4 0.0 127.0



#28
 Bromochloromethane
 Concen: 56.218 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. 0.006 min
 Lab File: VY021298.D
 Acq: 21 Feb 2025 20:27

Tgt Ion: 49 Resp: 55091
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 3.8
 130 69.4 59.8 89.8





#29

Tetrahydrofuran

Concen: 275.466 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY021298.D

Acq: 21 Feb 2025 20:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

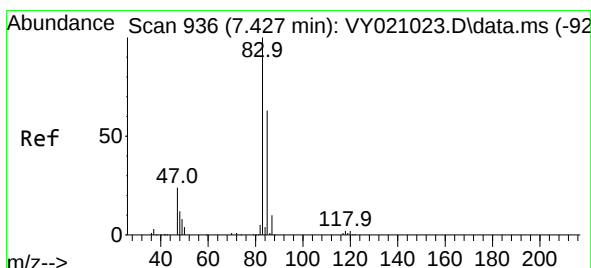
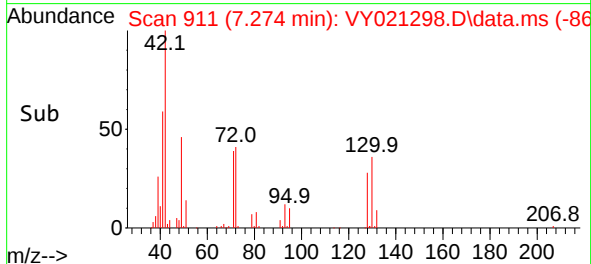
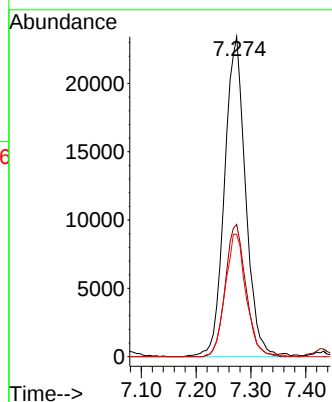
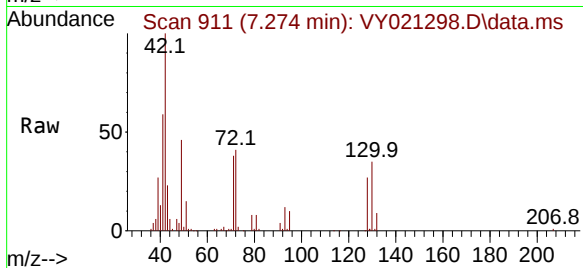
Tgt Ion: 42 Resp: 62499

Ion Ratio Lower Upper

42 100

72 40.6 36.6 54.8

71 38.0 33.8 50.6



#30

Chloroform

Concen: 55.027 ug/l

RT: 7.426 min Scan# 936

Delta R.T. -0.000 min

Lab File: VY021298.D

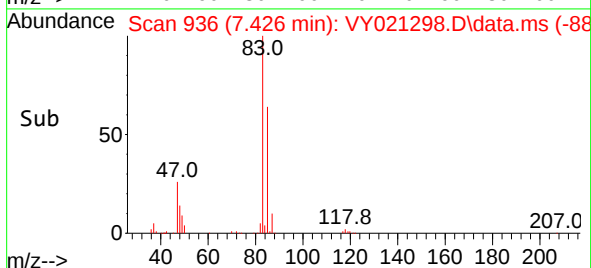
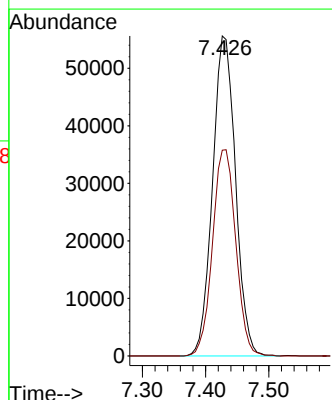
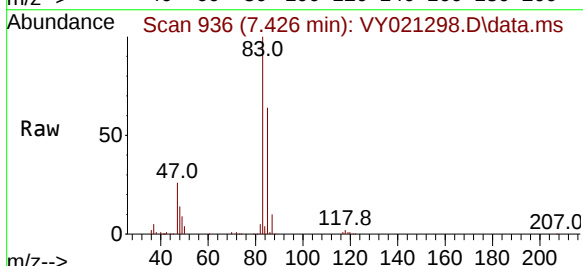
Acq: 21 Feb 2025 20:27

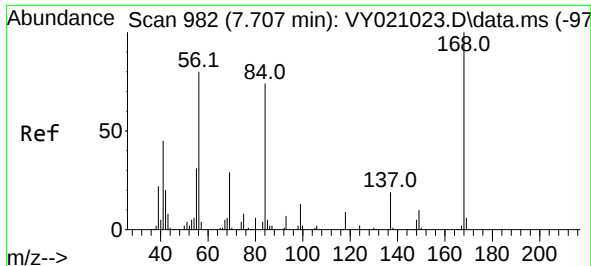
Tgt Ion: 83 Resp: 140070

Ion Ratio Lower Upper

83 100

85 64.3 51.2 76.8

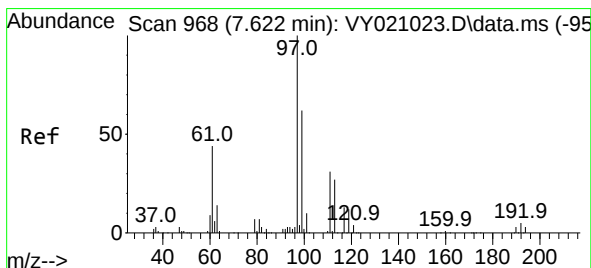
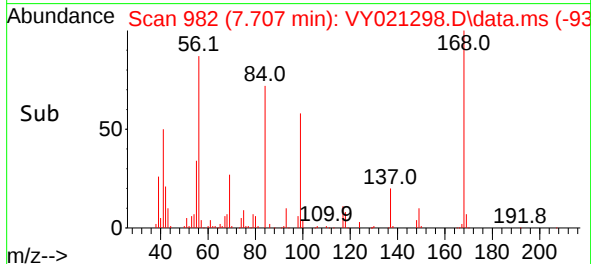
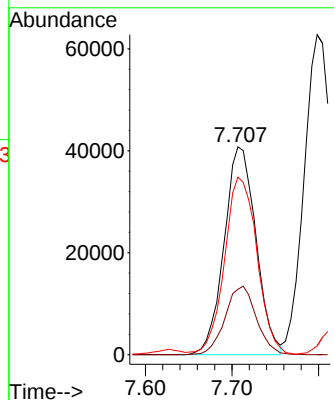
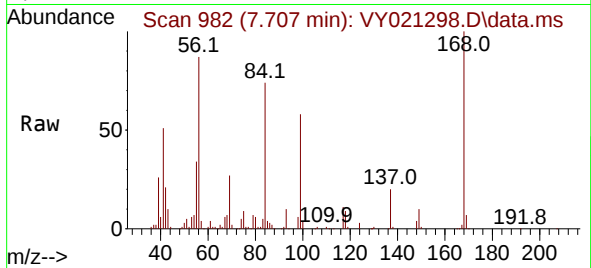




#31
Cyclohexane
Concen: 46.649 ug/l
RT: 7.707 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

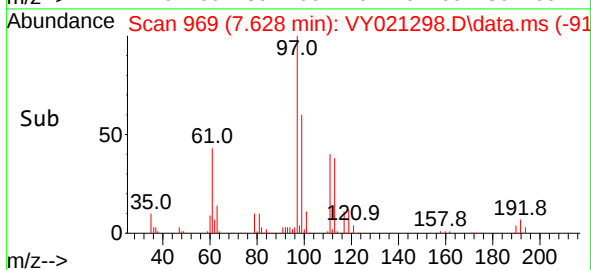
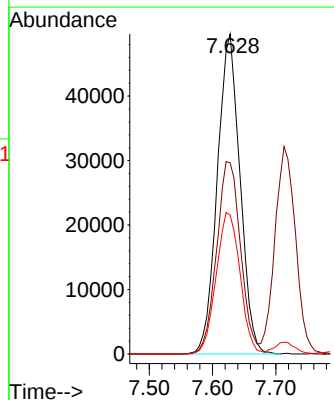
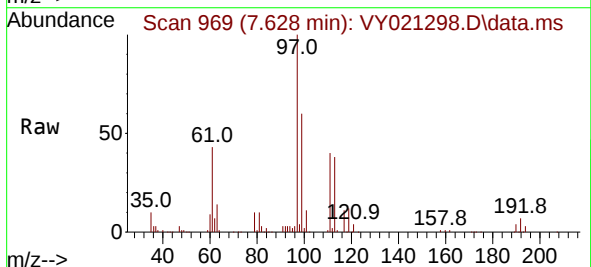
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 104105
Ion Ratio Lower Upper
56 100
69 31.5 27.0 40.6
84 83.8 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 52.224 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 97 Resp: 123595
Ion Ratio Lower Upper
97 100
99 63.2 51.2 76.8
61 46.4 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 54.125 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY021298.D

Acq: 21 Feb 2025 20:27

Instrument :

MSVOA_Y

ClientSampleId :

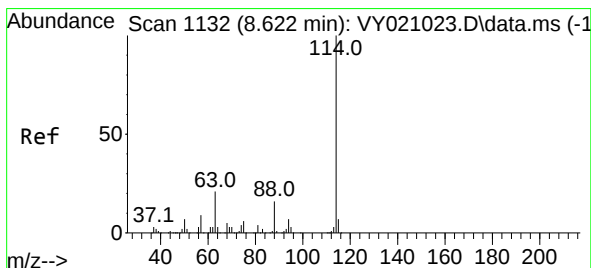
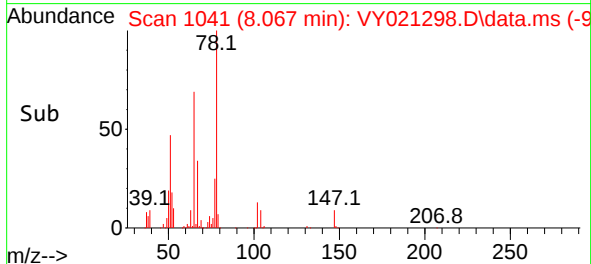
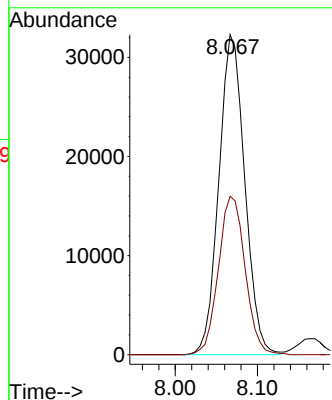
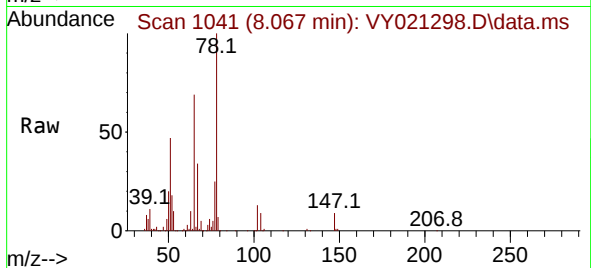
VSTDCCC050EC

Tgt Ion: 65 Resp: 70818

Ion Ratio Lower Upper

65 100

67 51.0 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.621 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021298.D

Acq: 21 Feb 2025 20:27

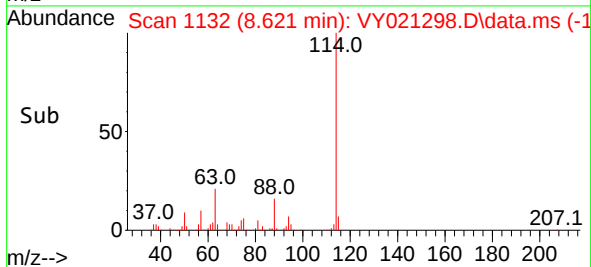
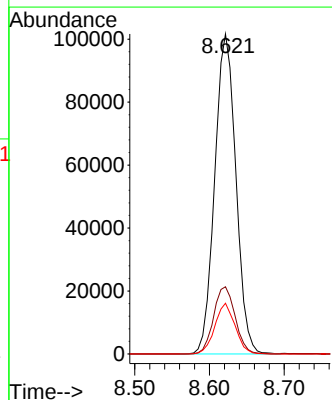
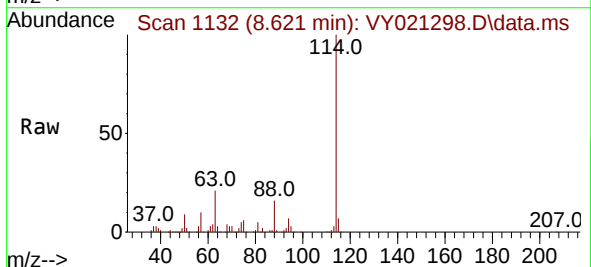
Tgt Ion: 114 Resp: 200243

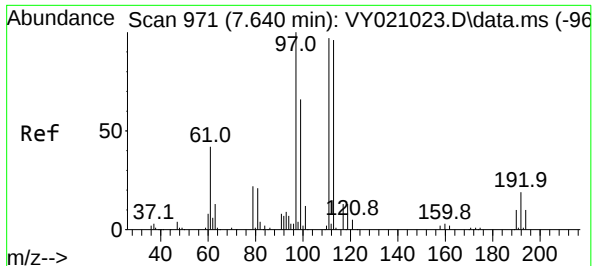
Ion Ratio Lower Upper

114 100

63 21.0 0.0 37.4

88 15.8 0.0 29.0

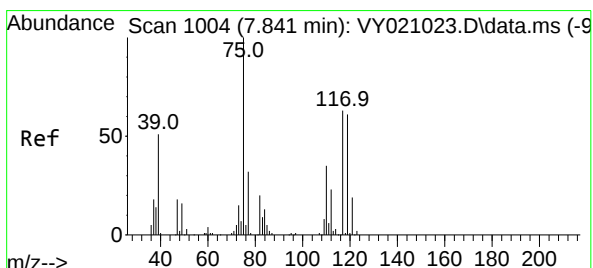
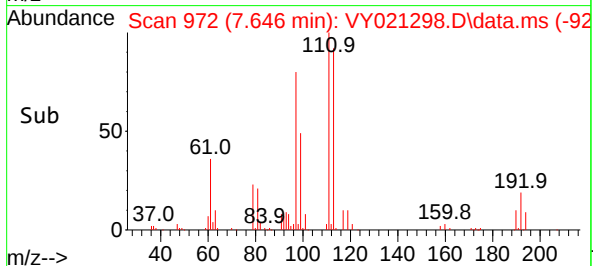
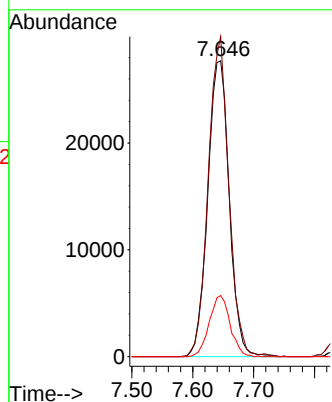
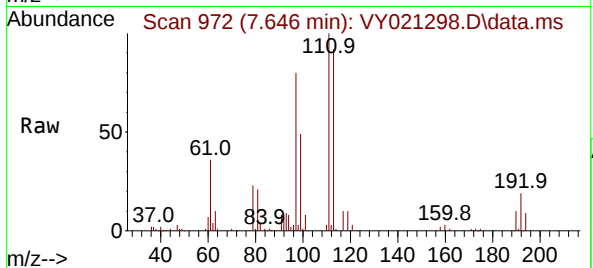




#35
Dibromofluoromethane
Concen: 53.011 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

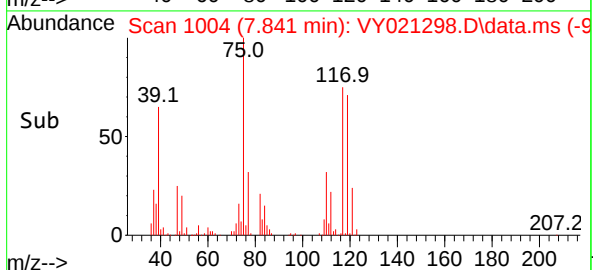
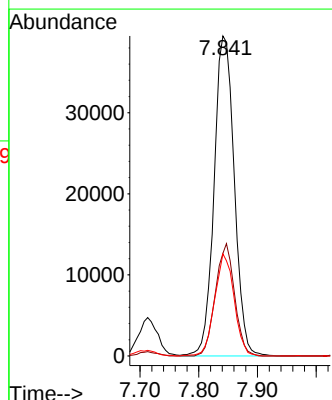
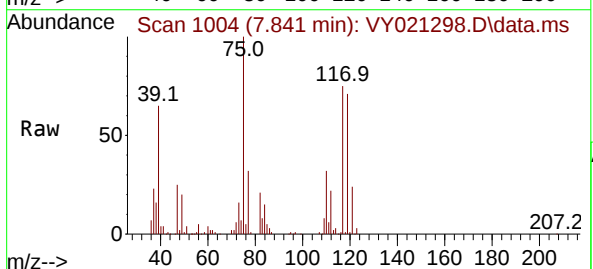
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

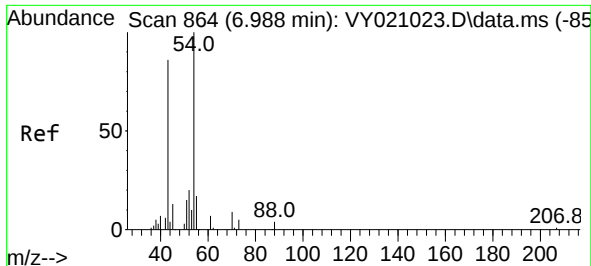
Tgt Ion:113 Resp: 68028
Ion Ratio Lower Upper
113 100
111 103.4 83.8 125.6
192 20.0 14.5 21.7



#36
1,1-Dichloropropene
Concen: 49.653 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 75 Resp: 94379
Ion Ratio Lower Upper
75 100
110 33.3 17.4 52.3
77 30.8 24.7 37.1





#37

Ethyl Acetate

Concen: 53.780 ug/l

RT: 6.994 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY021298.D

Acq: 21 Feb 2025 20:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

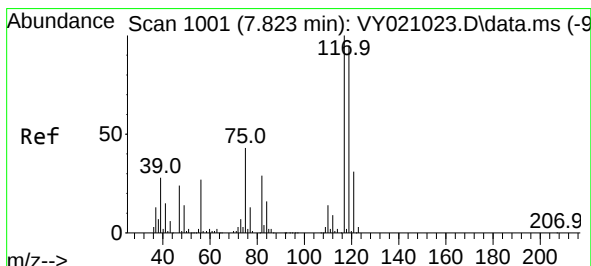
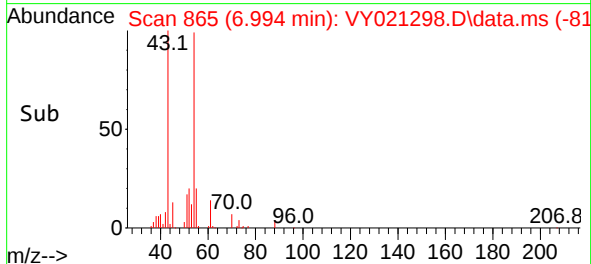
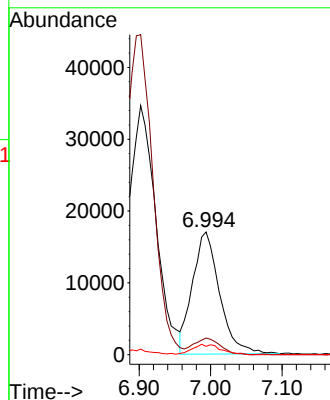
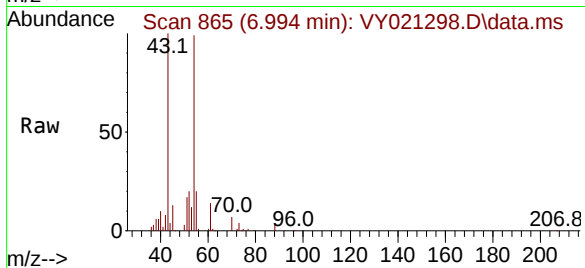
Tgt Ion: 43 Resp: 44845

Ion Ratio Lower Upper

43 100

61 13.2 11.0 16.6

70 8.8 8.1 12.1



#38

Carbon Tetrachloride

Concen: 49.712 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.006 min

Lab File: VY021298.D

Acq: 21 Feb 2025 20:27

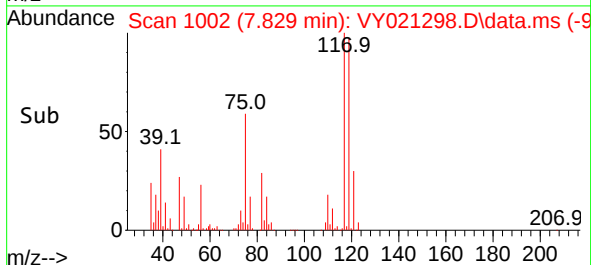
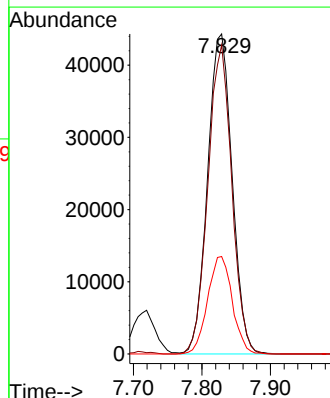
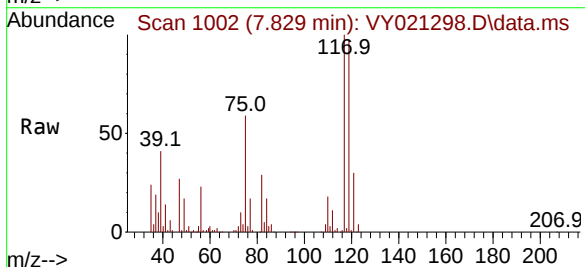
Tgt Ion: 117 Resp: 110409

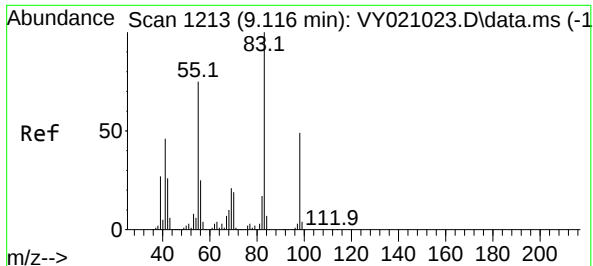
Ion Ratio Lower Upper

117 100

119 96.6 76.0 114.0

121 30.4 24.2 36.2





#39

Methylcyclohexane

Concen: 47.400 ug/l

RT: 9.115 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021298.D

Acq: 21 Feb 2025 20:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

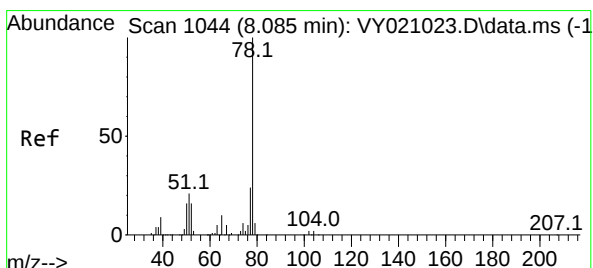
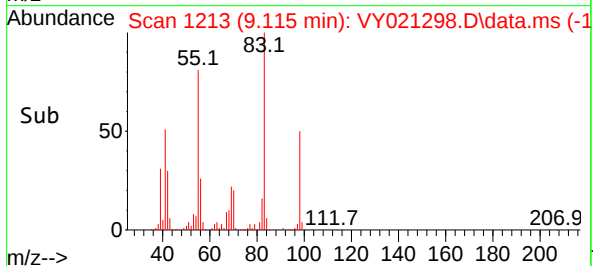
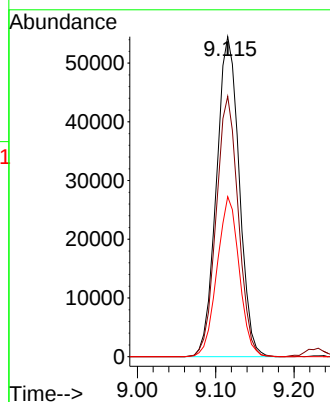
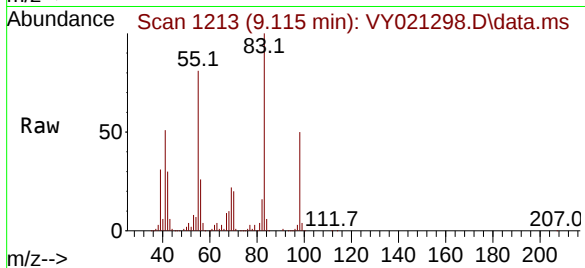
Tgt Ion: 83 Resp: 110205

Ion Ratio Lower Upper

83 100

55 81.4 59.7 89.5

98 50.0 38.0 57.0



#40

Benzene

Concen: 52.236 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VY021298.D

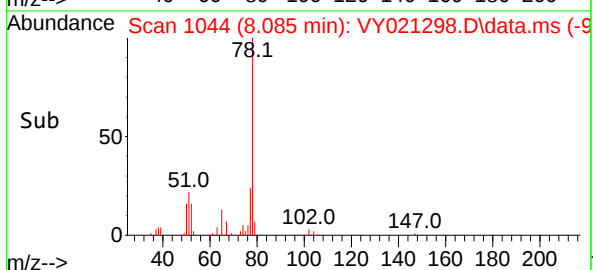
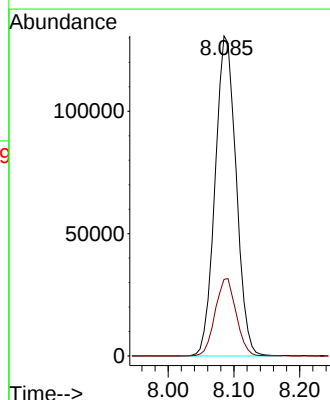
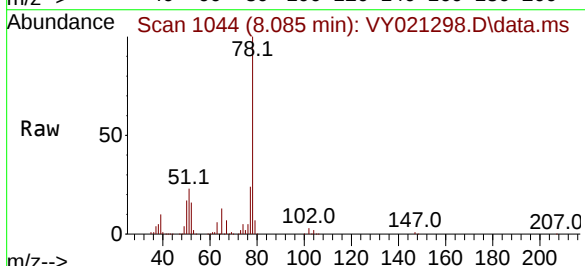
Acq: 21 Feb 2025 20:27

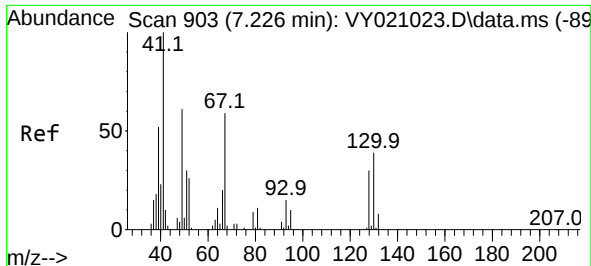
Tgt Ion: 78 Resp: 291377

Ion Ratio Lower Upper

78 100

77 24.0 18.8 28.2

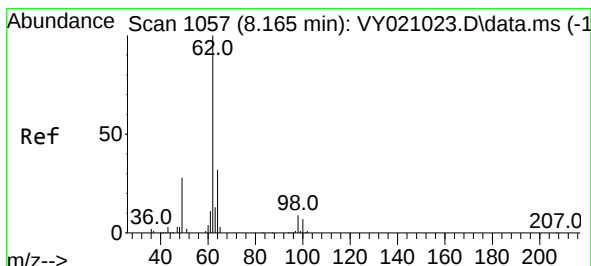
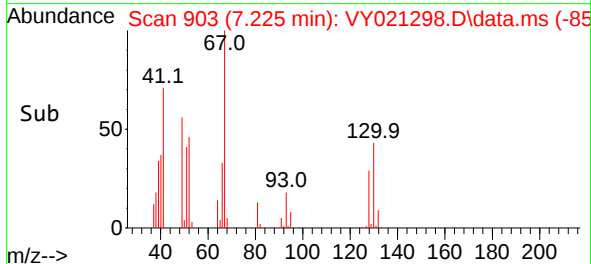
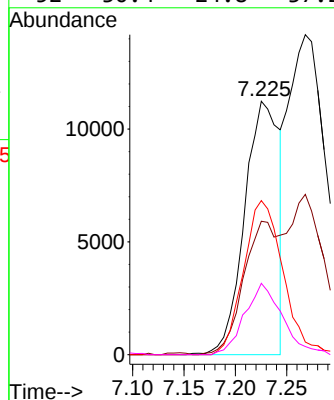
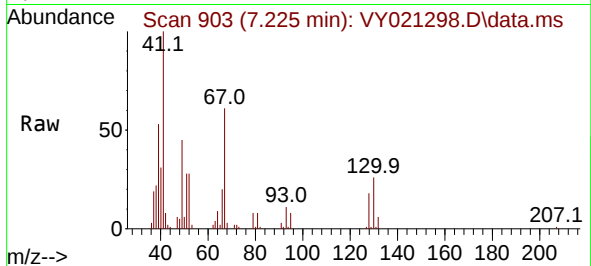




#41
Methacrylonitrile
Concen: 54.835 ug/l
RT: 7.225 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

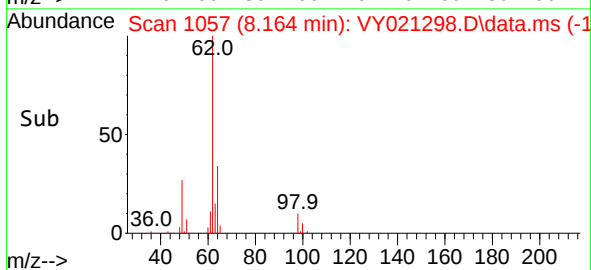
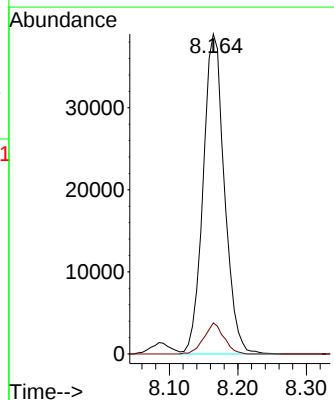
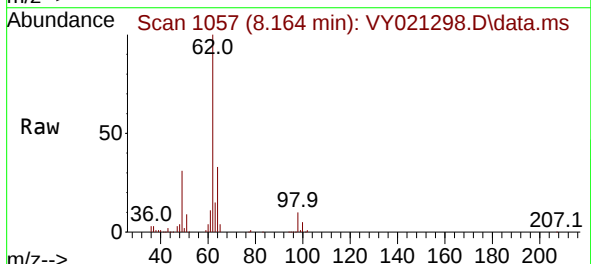
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

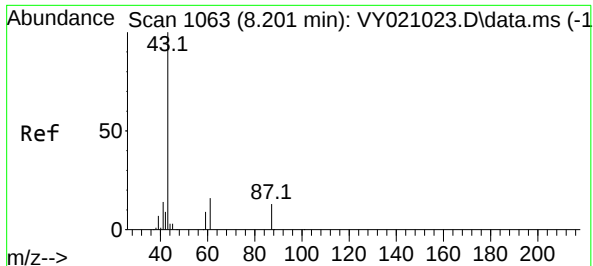
Tgt Ion:	41	Resp:	26453
Ion	Ratio	Lower	Upper
41	100		
39	53.9	41.9	62.9
67	69.4	59.8	89.6
52	30.4	24.8	37.2



#42
1,2-Dichloroethane
Concen: 54.531 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:	62	Resp:	84380
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	20.2





#43

Isopropyl Acetate

Concen: 55.868 ug/l

RT: 8.207 min Scan# 1064

Delta R.T. 0.006 min

Lab File: VY021298.D

Acq: 21 Feb 2025 20:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

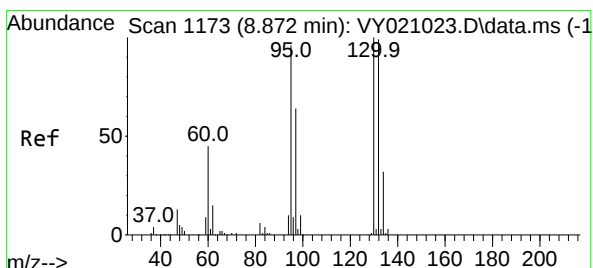
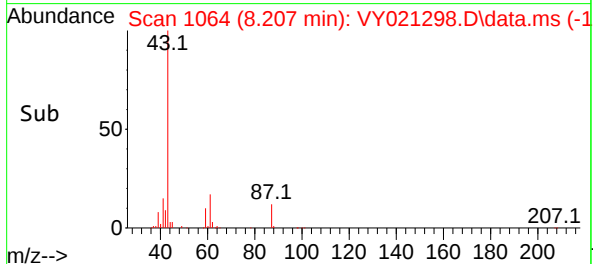
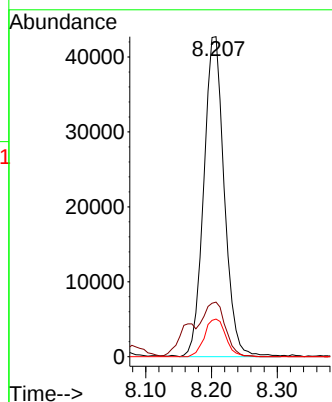
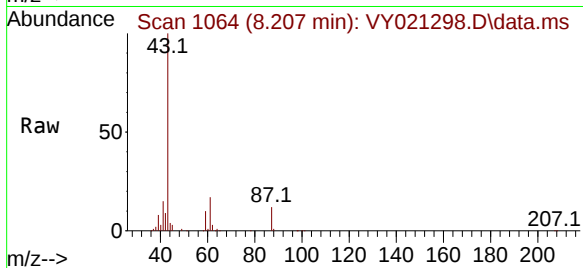
Tgt Ion: 43 Resp: 92566

Ion Ratio Lower Upper

43 100

61 19.0 24.8 37.2#

87 12.2 10.7 16.1



#44

Trichloroethene

Concen: 50.025 ug/l

RT: 8.871 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VY021298.D

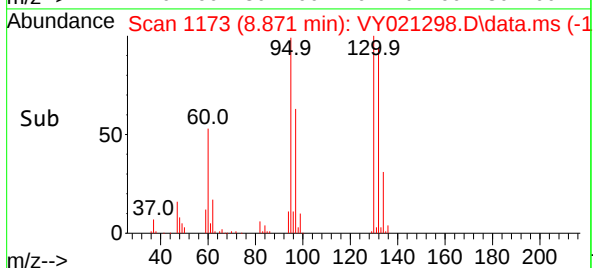
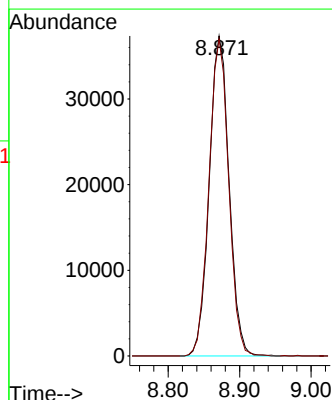
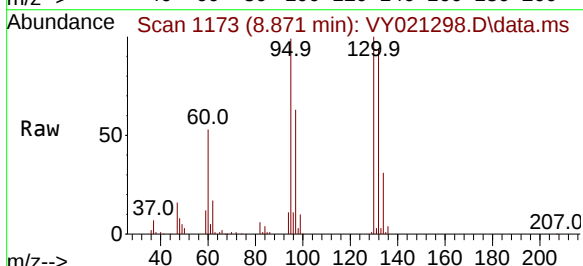
Acq: 21 Feb 2025 20:27

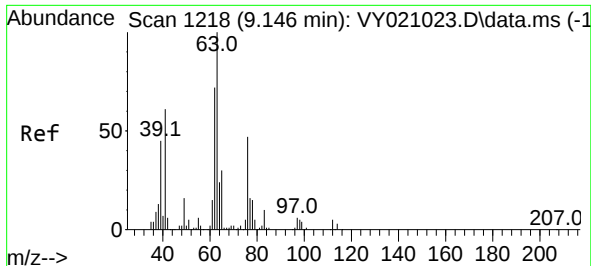
Tgt Ion:130 Resp: 72094

Ion Ratio Lower Upper

130 100

95 99.0 0.0 203.8





#45

1,2-Dichloropropane

Concen: 54.816 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VY021298.D

Acq: 21 Feb 2025 20:27

Instrument :

MSVOA_Y

ClientSampleId :

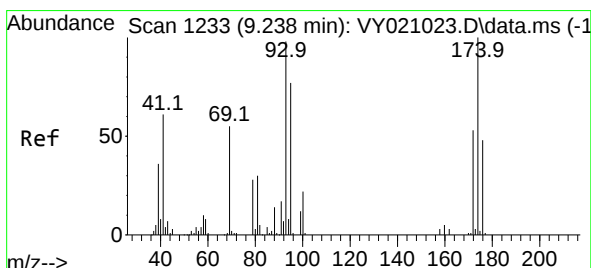
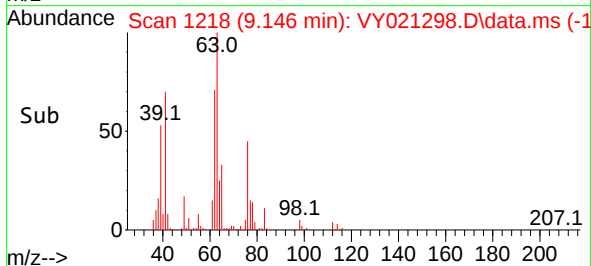
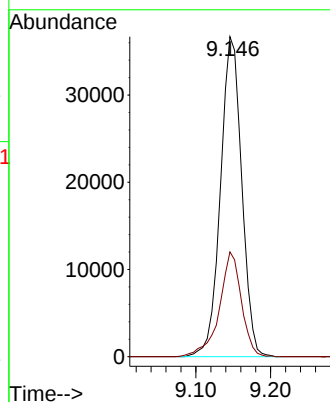
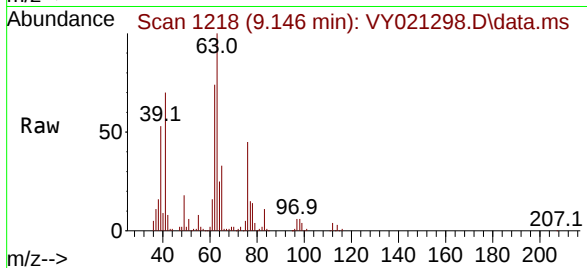
VSTDCCC050EC

Tgt Ion: 63 Resp: 72574

Ion Ratio Lower Upper

63 100

65 32.7 24.6 36.8



#46

Dibromomethane

Concen: 52.478 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.000 min

Lab File: VY021298.D

Acq: 21 Feb 2025 20:27

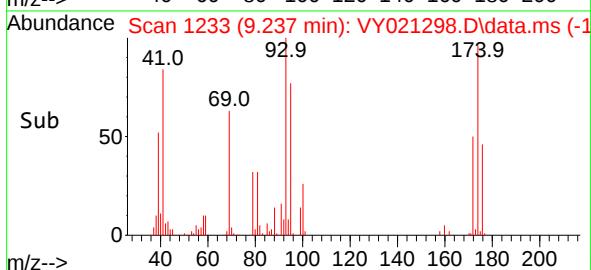
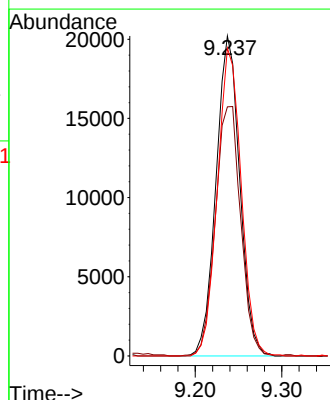
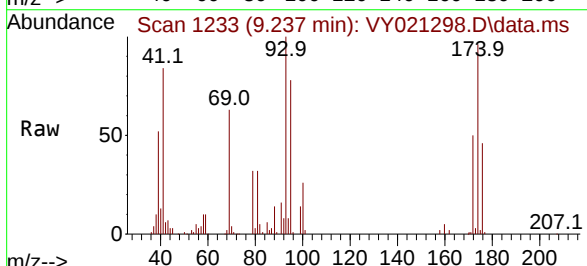
Tgt Ion: 93 Resp: 38469

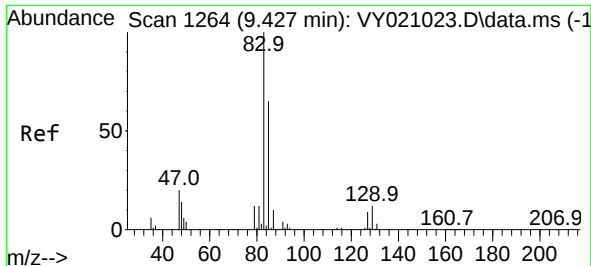
Ion Ratio Lower Upper

93 100

95 83.1 66.6 99.8

174 96.5 73.8 110.6

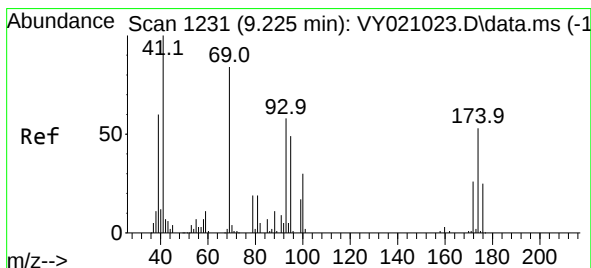
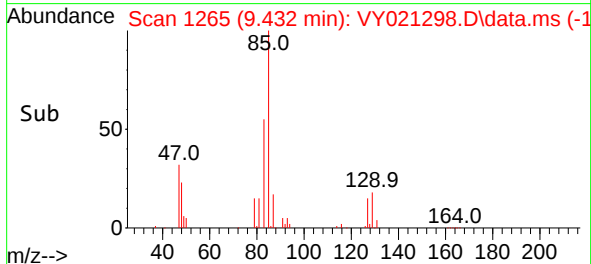
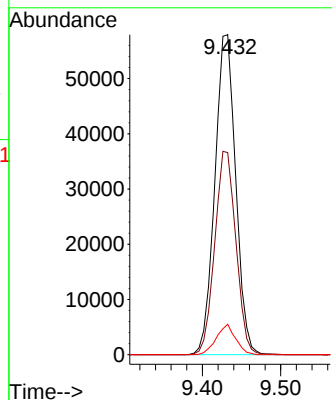
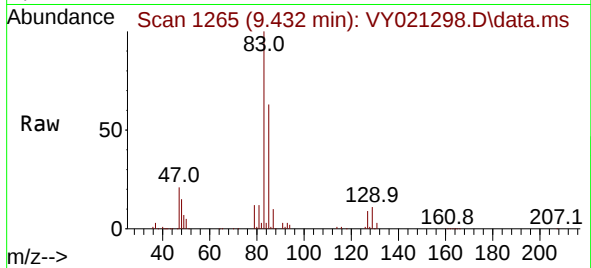




#47
Bromodichloromethane
Concen: 54.647 ug/l
RT: 9.432 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

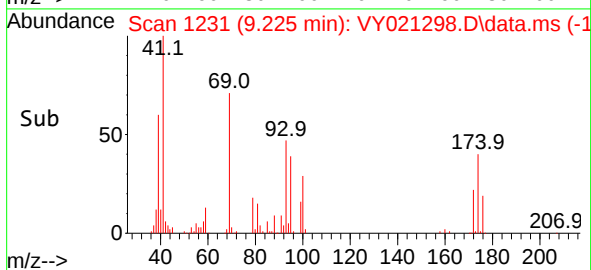
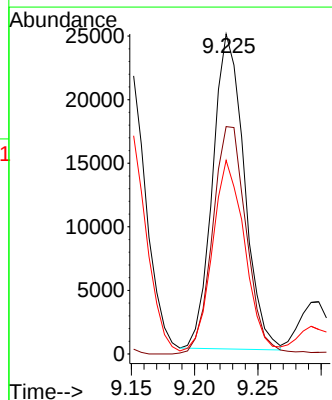
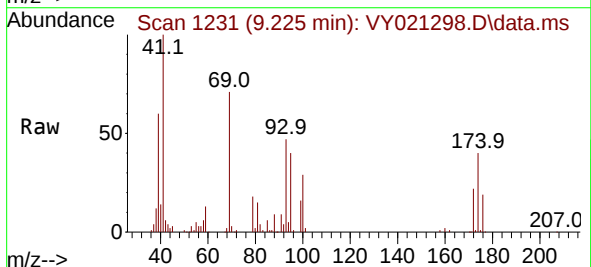
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 107436
Ion Ratio Lower Upper
83 100
85 63.1 53.2 79.8
127 9.5 6.4 9.6



#48
Methyl methacrylate
Concen: 56.886 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 41 Resp: 42933
Ion Ratio Lower Upper
41 100
69 77.8 72.1 108.1
39 61.9 42.8 64.2





#49

1,4-Dioxane

Concen: 1109.293 ug/l

RT: 9.243 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY021298.D

Acq: 21 Feb 2025 20:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

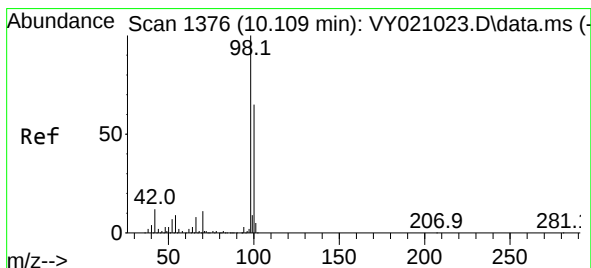
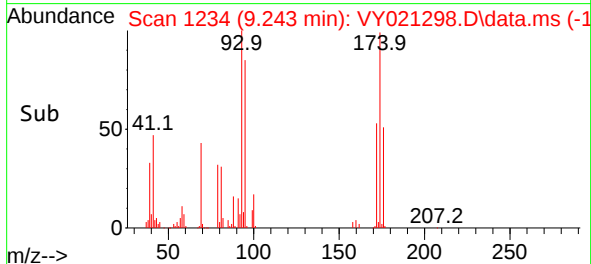
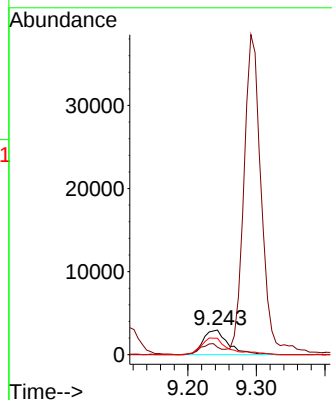
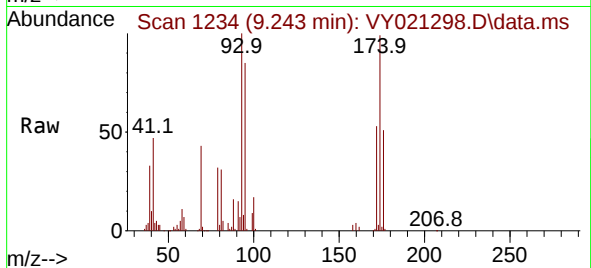
Tgt Ion: 88 Resp: 7570

Ion Ratio Lower Upper

88 100

43 36.1 28.2 42.4

58 73.6 52.2 78.2



#50

Toluene-d8

Concen: 51.928 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY021298.D

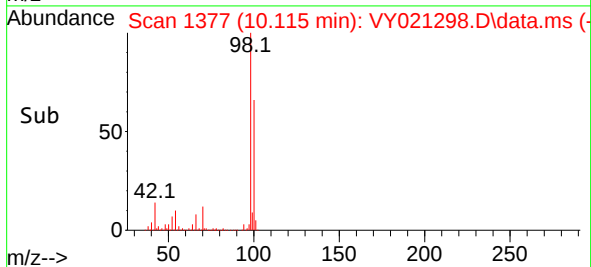
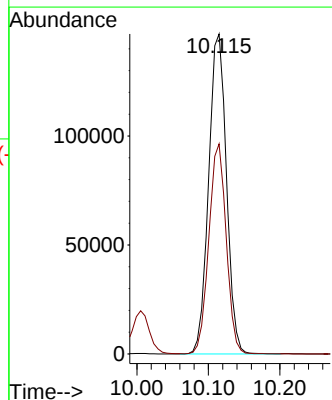
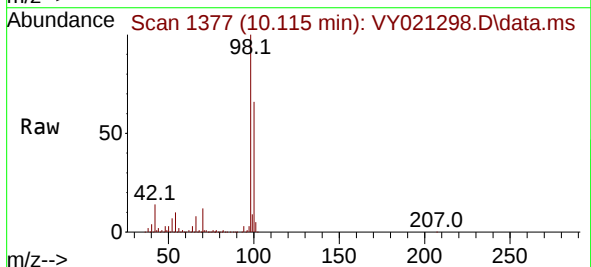
Acq: 21 Feb 2025 20:27

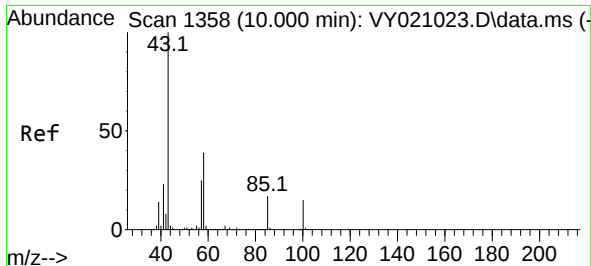
Tgt Ion: 98 Resp: 253697

Ion Ratio Lower Upper

98 100

100 64.0 52.3 78.5

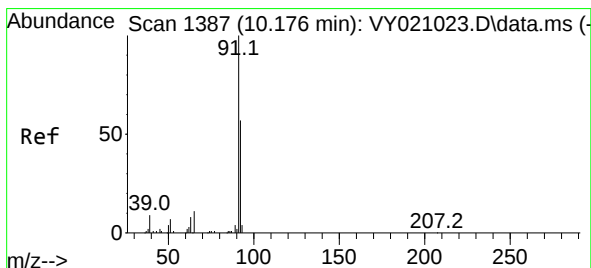
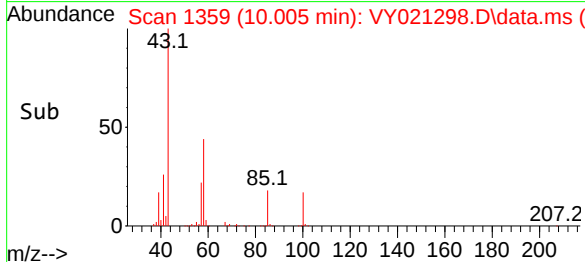
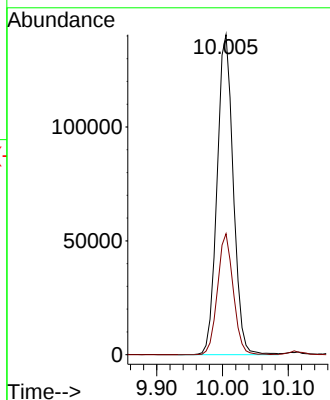
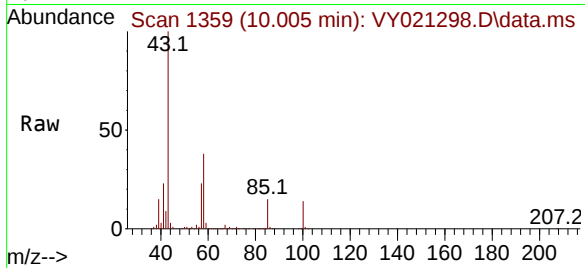




#51
4-Methyl-2-Pentanone
Concen: 288.857 ug/l
RT: 10.005 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

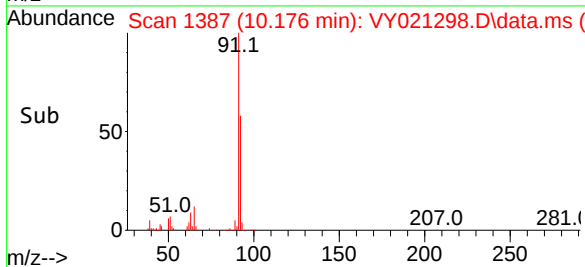
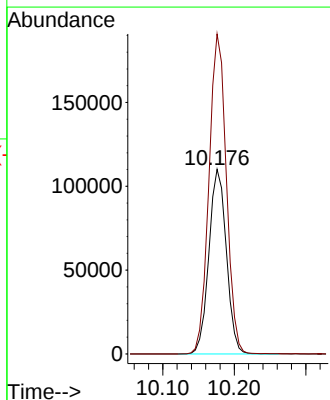
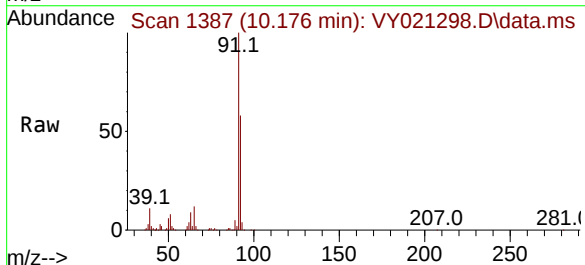
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

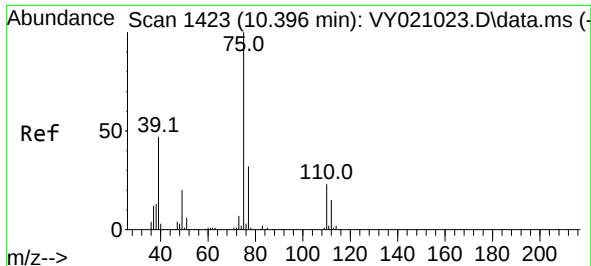
Tgt Ion: 43 Resp: 240674
Ion Ratio Lower Upper
43 100
58 36.8 32.2 48.2



#52
Toluene
Concen: 53.357 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 92 Resp: 186882
Ion Ratio Lower Upper
92 100
91 172.4 137.6 206.4

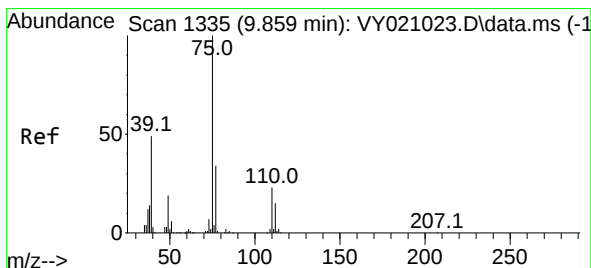
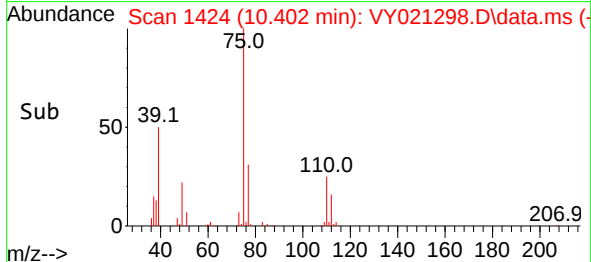
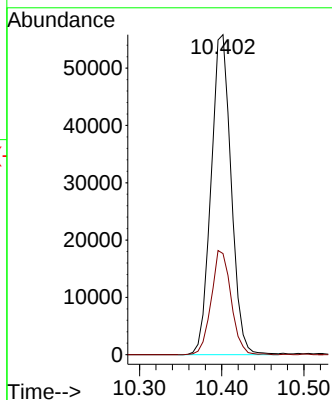
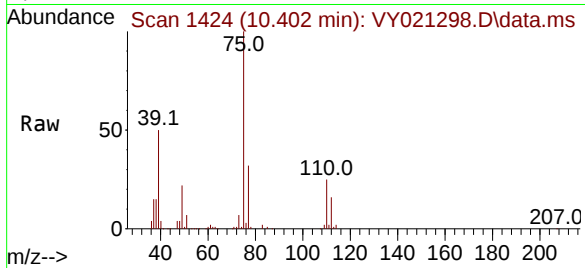




#53
 t-1,3-Dichloropropene
 Concen: 53.768 ug/l
 RT: 10.402 min Scan# 1424
 Delta R.T. 0.006 min
 Lab File: VY021298.D
 Acq: 21 Feb 2025 20:27

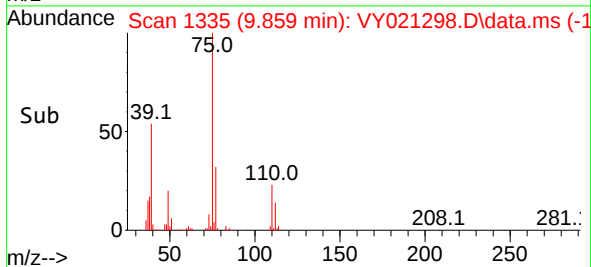
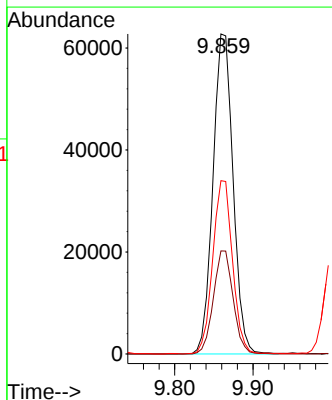
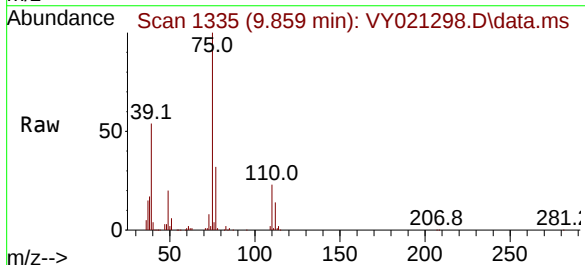
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

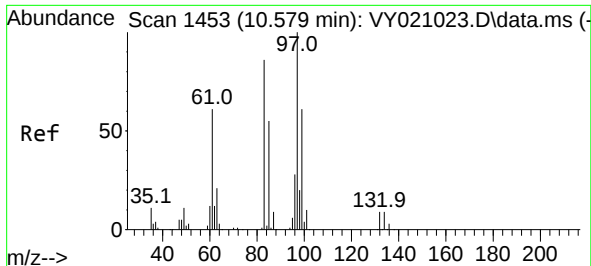
Tgt Ion: 75 Resp: 94918
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 53.589 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. -0.000 min
 Lab File: VY021298.D
 Acq: 21 Feb 2025 20:27

Tgt Ion: 75 Resp: 112011
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.6 36.8
 39 54.1 33.6 50.4#

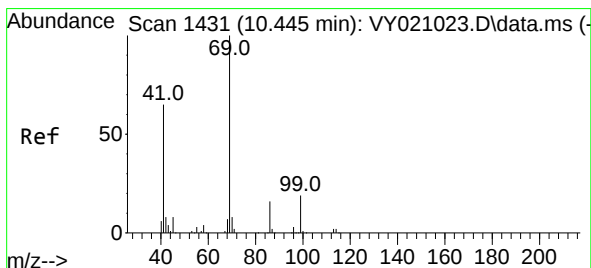
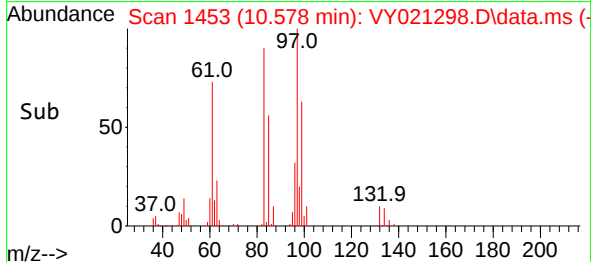
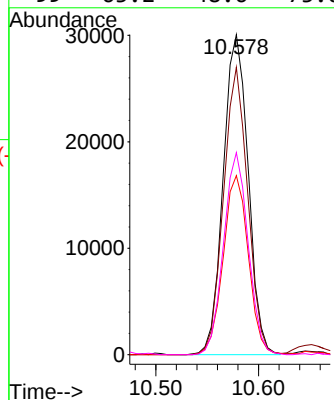
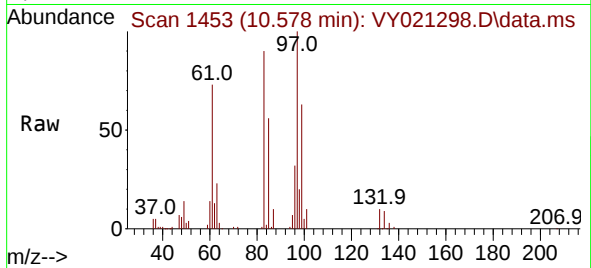




#55
1,1,2-Trichloroethane
Concen: 53.484 ug/l
RT: 10.578 min Scan# 1453
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

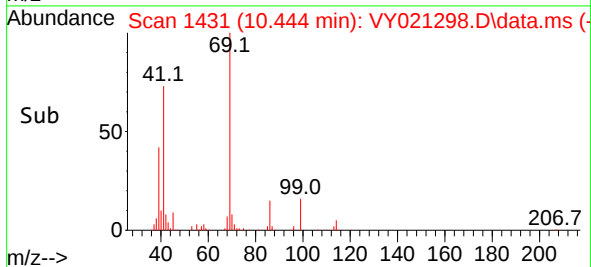
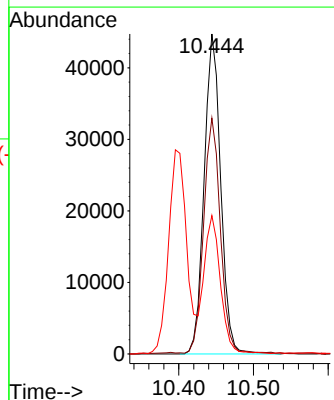
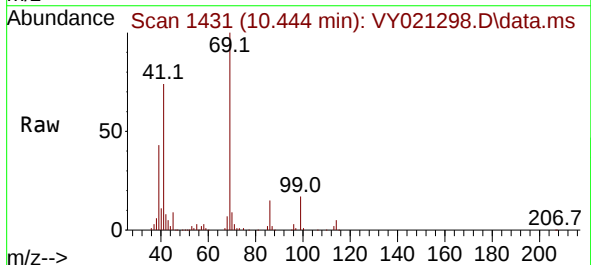
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

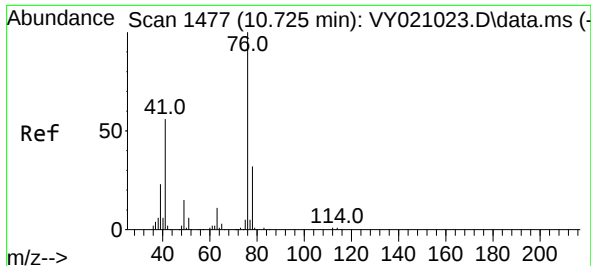
Tgt Ion:	97	Resp:	50770
Ion	Ratio	Lower	Upper
97	100		
83	89.8	69.4	104.2
85	56.0	43.9	65.9
99	63.2	48.6	73.0



#56
Ethyl methacrylate
Concen: 54.350 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:	69	Resp:	69019
Ion	Ratio	Lower	Upper
69	100		
41	74.0	49.2	73.8#
39	41.6	26.8	40.2#





#57

1,3-Dichloropropane

Concen: 54.331 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. -0.000 min

Lab File: VY021298.D

Acq: 21 Feb 2025 20:27

Instrument :

MSVOA_Y

ClientSampleId :

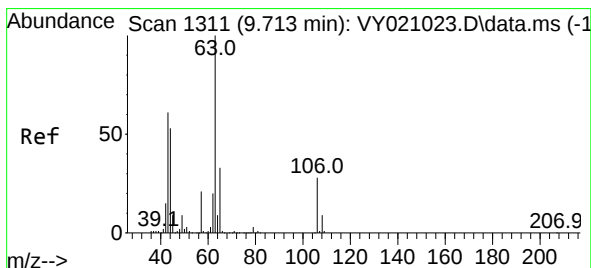
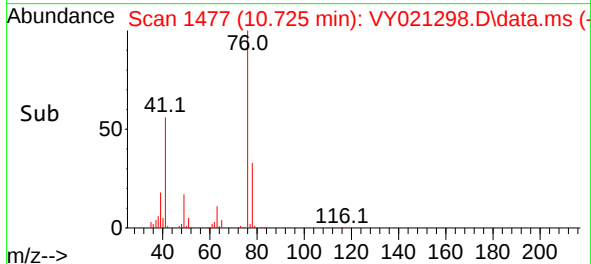
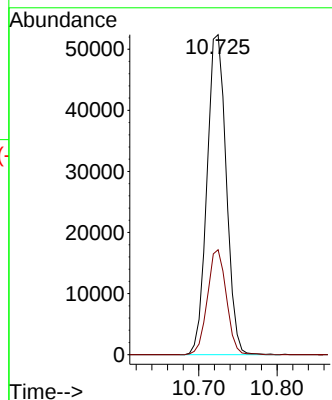
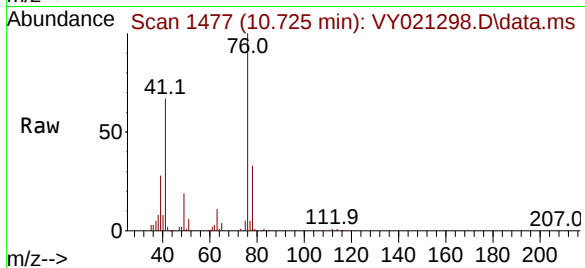
VSTDCCC050EC

Tgt Ion: 76 Resp: 89268

Ion Ratio Lower Upper

76 100

78 32.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 256.535 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY021298.D

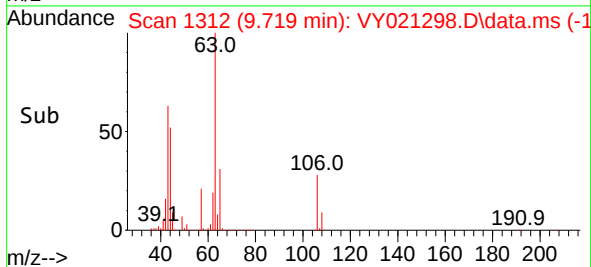
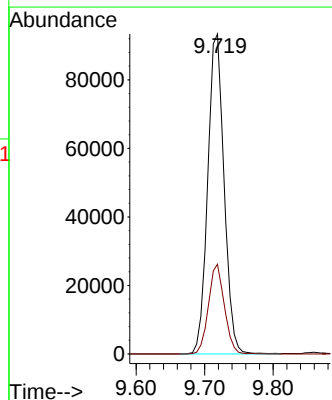
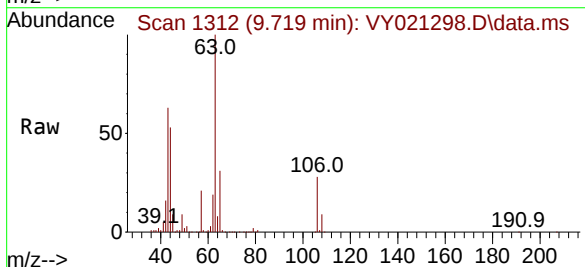
Acq: 21 Feb 2025 20:27

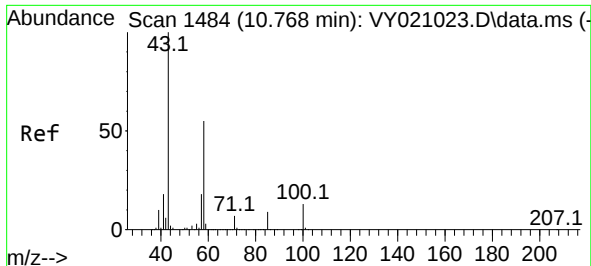
Tgt Ion: 63 Resp: 154985

Ion Ratio Lower Upper

63 100

106 27.3 22.4 33.6

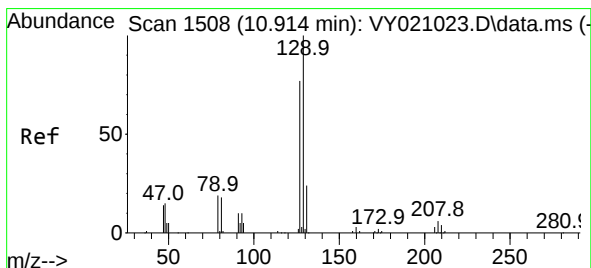
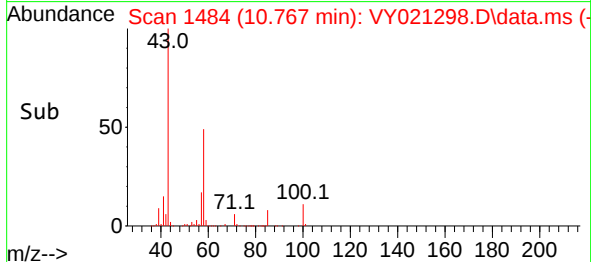
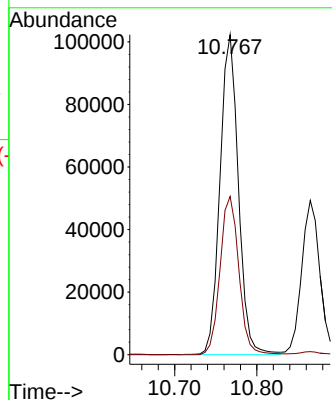
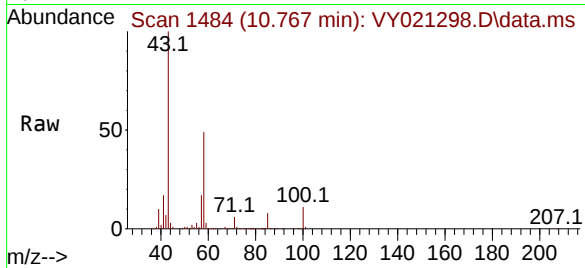




#59
2-Hexanone
Concen: 296.700 ug/l
RT: 10.767 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

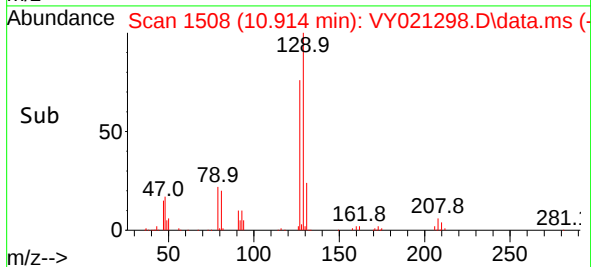
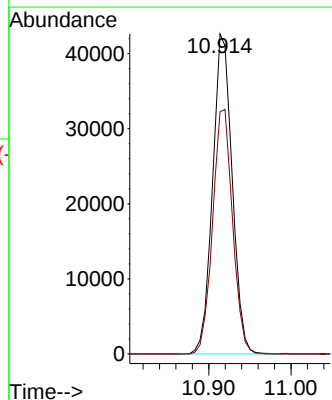
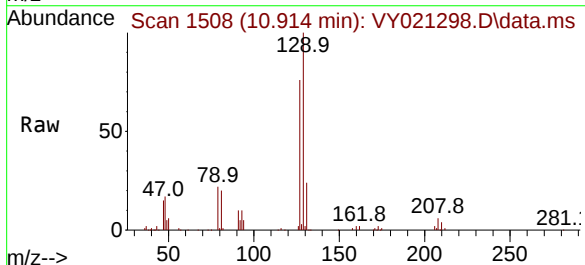
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

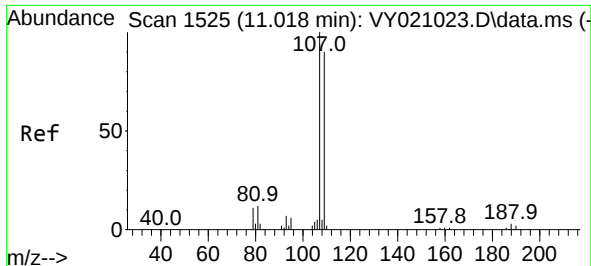
Tgt Ion: 43 Resp: 159168
Ion Ratio Lower Upper
43 100
58 50.6 28.1 84.3



#60
Dibromochloromethane
Concen: 52.855 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 129 Resp: 70461
Ion Ratio Lower Upper
129 100
127 77.9 39.2 117.6

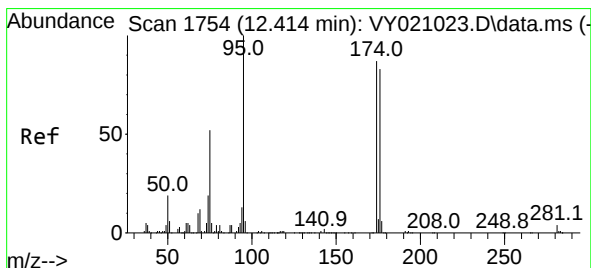
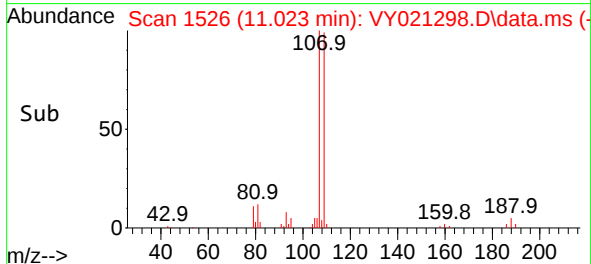
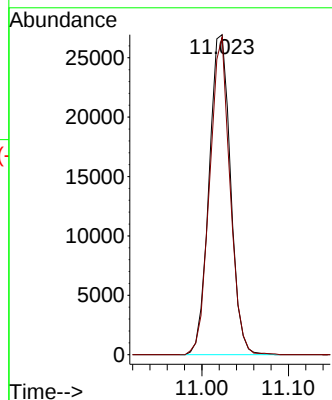
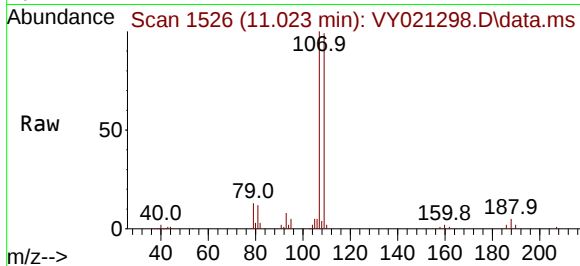




#61
1,2-Dibromoethane
Concen: 51.889 ug/l
RT: 11.023 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

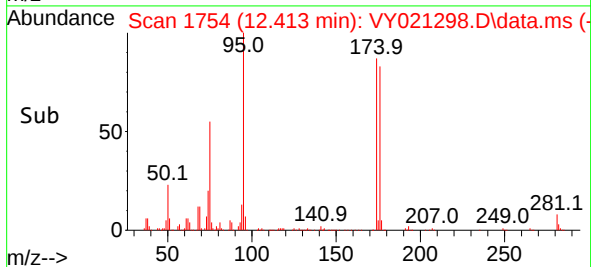
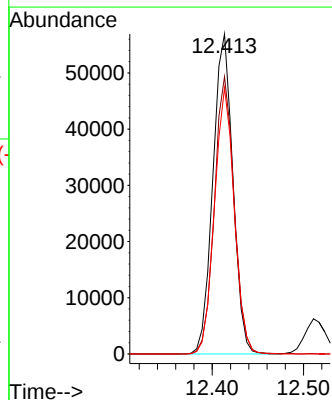
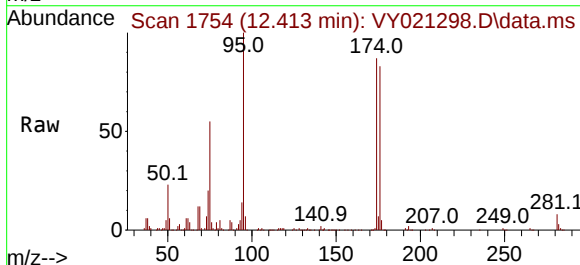
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

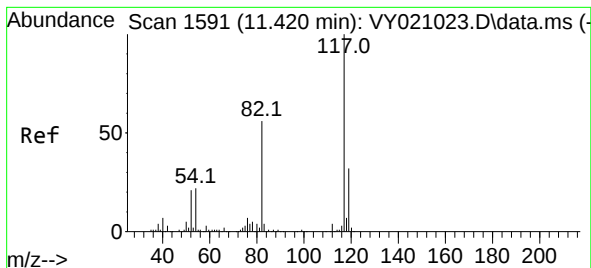
Tgt Ion:107 Resp: 46137
Ion Ratio Lower Upper
107 100
109 94.3 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 54.149 ug/l
RT: 12.413 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 95 Resp: 86427
Ion Ratio Lower Upper
95 100
174 85.7 0.0 160.0
176 82.5 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. -0.000 min

Lab File: VY021298.D

Acq: 21 Feb 2025 20:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

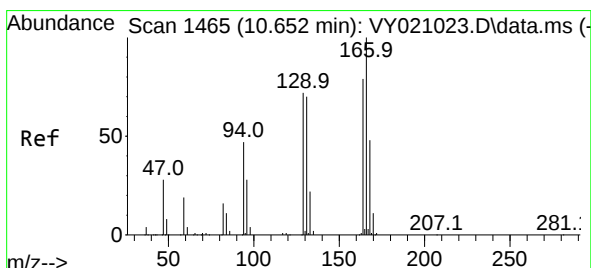
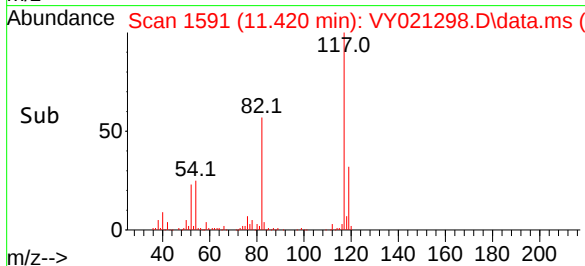
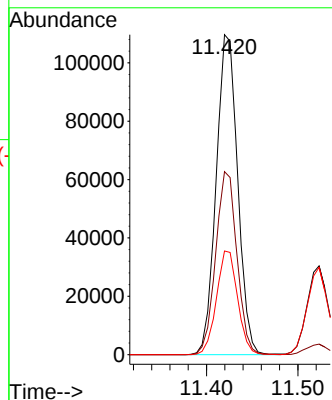
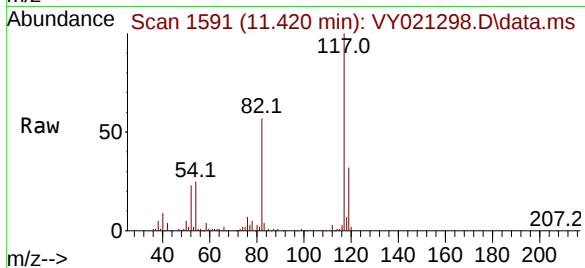
Tgt Ion:117 Resp: 179395

Ion Ratio Lower Upper

117 100

82 57.2 43.8 65.8

119 32.4 26.5 39.7



#64

Tetrachloroethene

Concen: 47.707 ug/l

RT: 10.651 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VY021298.D

Acq: 21 Feb 2025 20:27

Tgt Ion:164 Resp: 63533

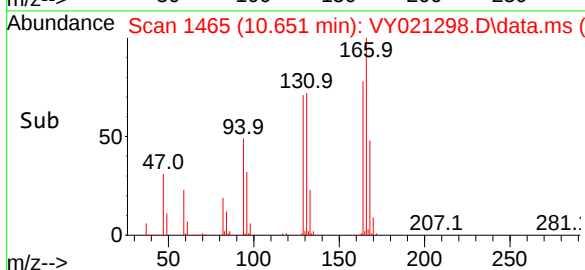
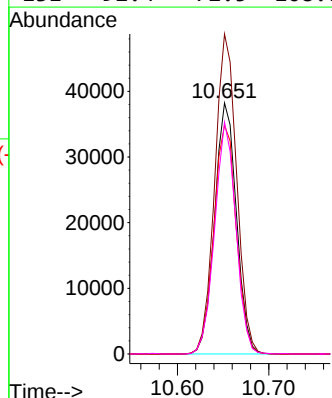
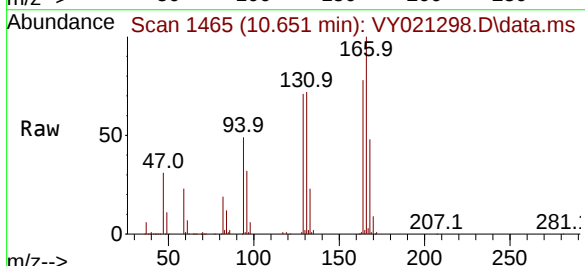
Ion Ratio Lower Upper

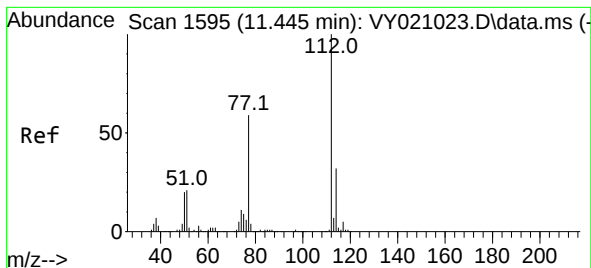
164 100

166 127.5 98.8 148.2

129 91.1 78.9 118.3

131 92.4 72.5 108.7





#65

Chlorobenzene

Concen: 50.154 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. -0.000 min

Lab File: VY021298.D

Acq: 21 Feb 2025 20:27

Instrument :

MSVOA_Y

ClientSampleId :

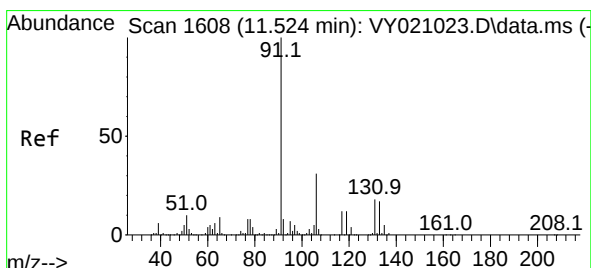
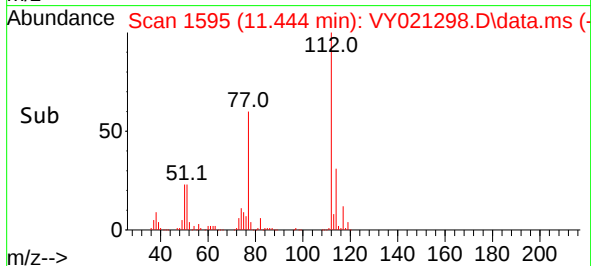
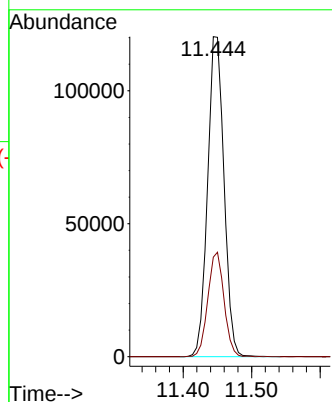
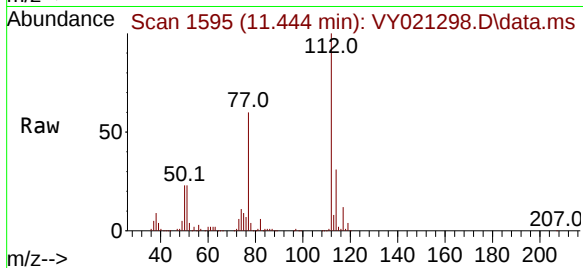
VSTDCCC050EC

Tgt Ion:112 Resp: 200342

Ion Ratio Lower Upper

112 100

114 31.1 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 51.667 ug/l

RT: 11.523 min Scan# 1608

Delta R.T. -0.000 min

Lab File: VY021298.D

Acq: 21 Feb 2025 20:27

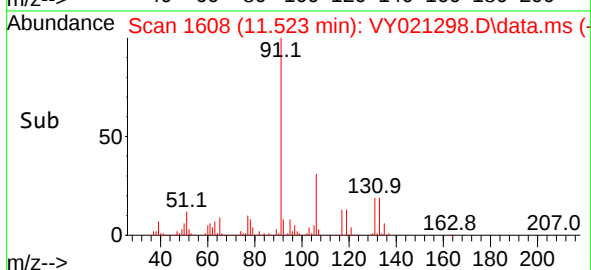
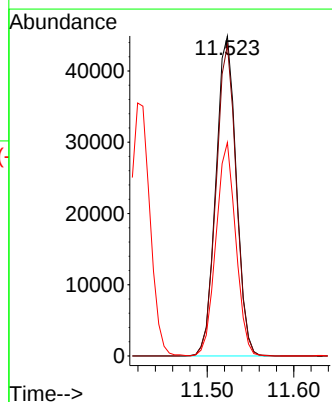
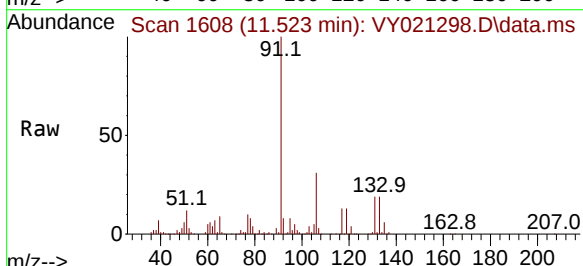
Tgt Ion:131 Resp: 73344

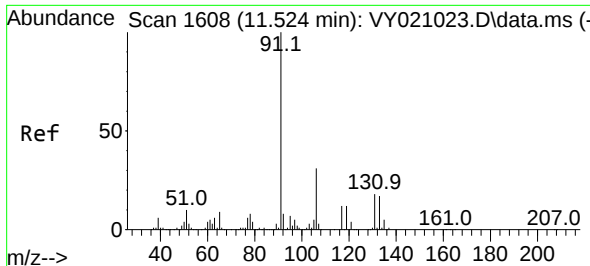
Ion Ratio Lower Upper

131 100

133 96.0 47.0 141.0

119 64.9 33.3 99.9





#67

Ethyl Benzene

Concen: 51.210 ug/l

RT: 11.523 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021298.D

Acq: 21 Feb 2025 20:27

Instrument :

MSVOA_Y

ClientSampleId :

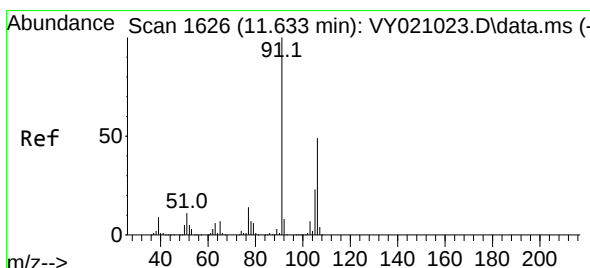
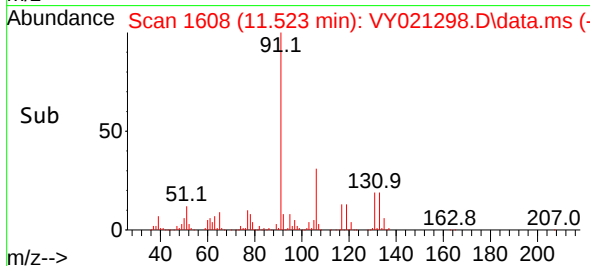
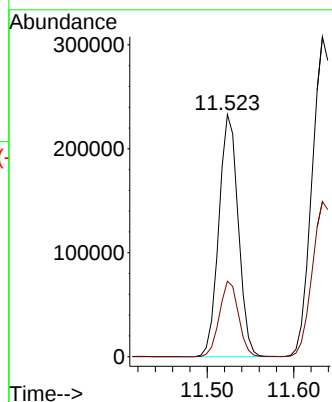
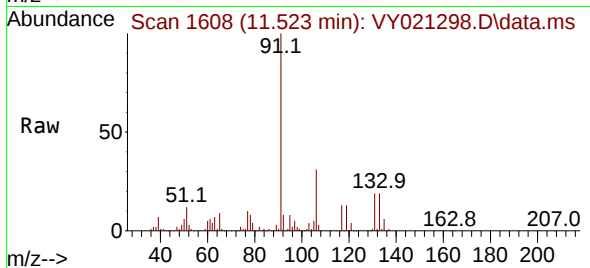
VSTDCCC050EC

Tgt Ion: 91 Resp: 361813

Ion Ratio Lower Upper

91 100

106 31.2 25.0 37.4



#68

m/p-Xylenes

Concen: 102.873 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. -0.000 min

Lab File: VY021298.D

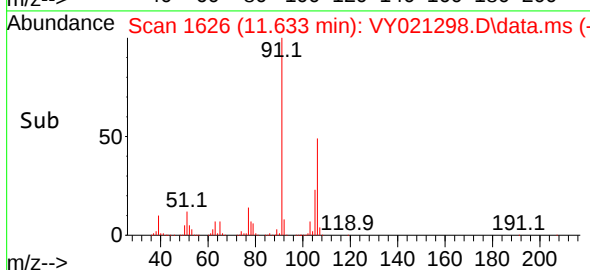
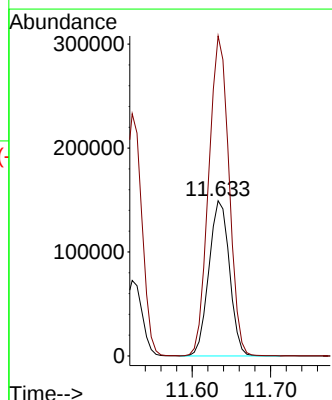
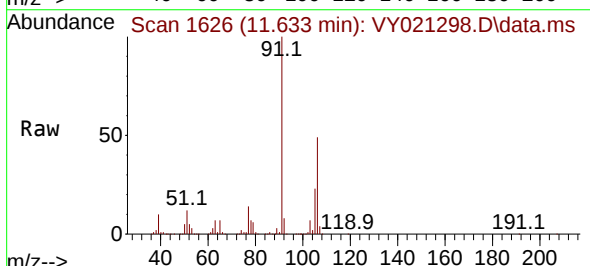
Acq: 21 Feb 2025 20:27

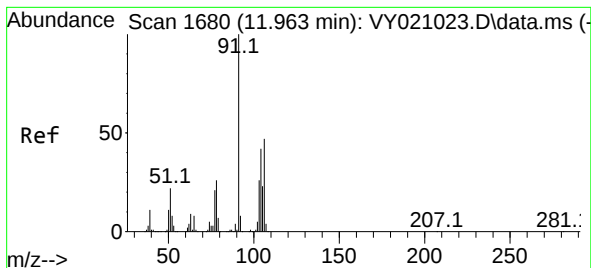
Tgt Ion:106 Resp: 271905

Ion Ratio Lower Upper

106 100

91 203.9 160.7 241.1

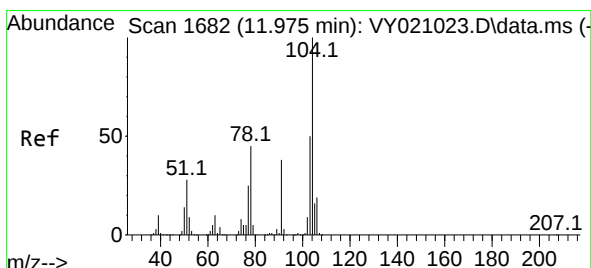
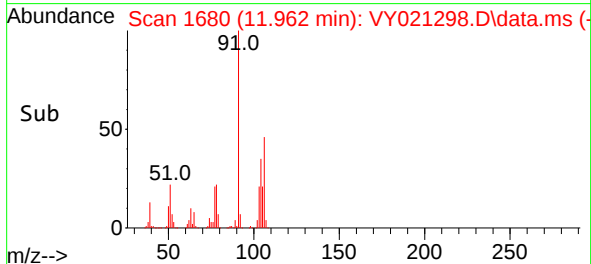
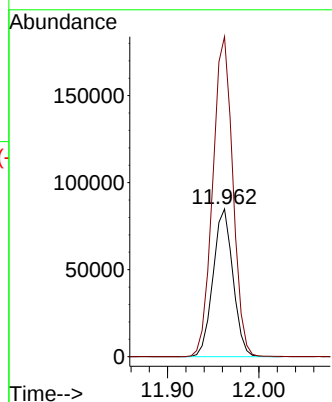
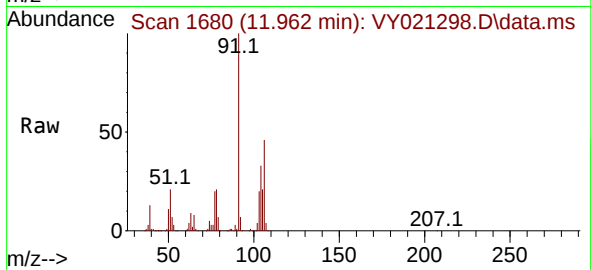




#69
o-Xylene
Concen: 52.018 ug/l
RT: 11.962 min Scan# 1680
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

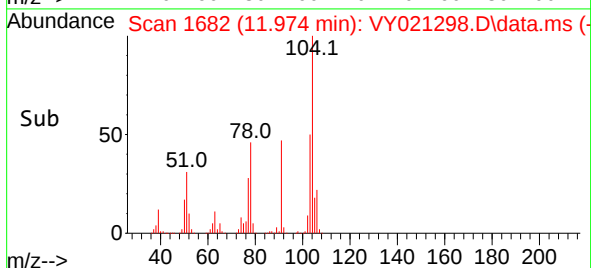
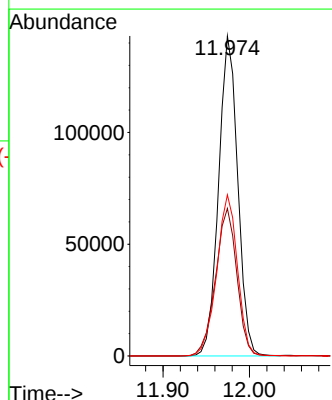
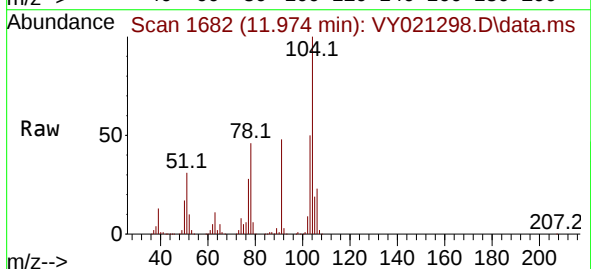
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

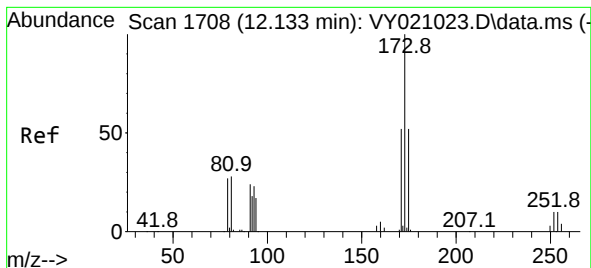
Tgt Ion:106 Resp: 128186
Ion Ratio Lower Upper
106 100
91 219.3 106.5 319.5



#70
Styrene
Concen: 53.599 ug/l
RT: 11.974 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:104 Resp: 220140
Ion Ratio Lower Upper
104 100
78 51.3 39.2 58.8
103 54.7 43.8 65.6





#71

Bromoform

Concen: 50.984 ug/l

RT: 12.139 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021298.D

Acq: 21 Feb 2025 20:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

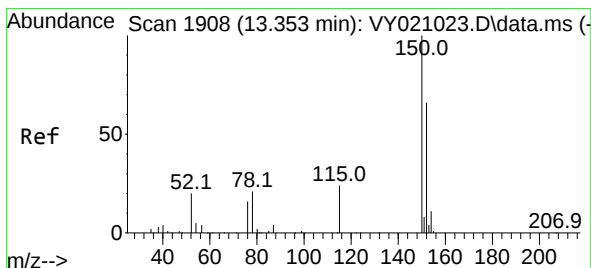
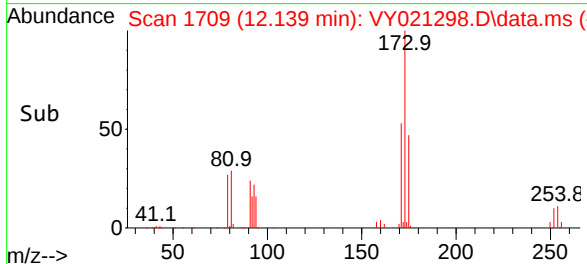
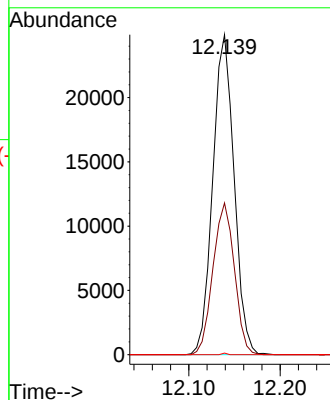
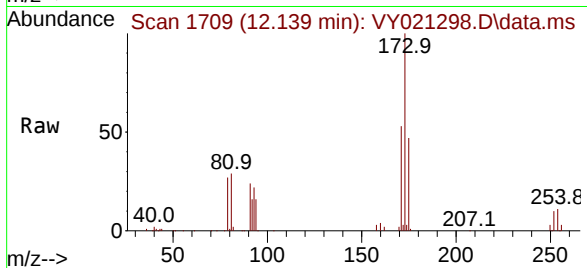
Tgt Ion:173 Resp: 40285

Ion Ratio Lower Upper

173 100

175 47.6 23.5 70.6

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021298.D

Acq: 21 Feb 2025 20:27

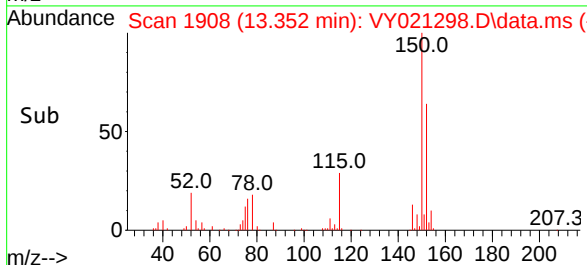
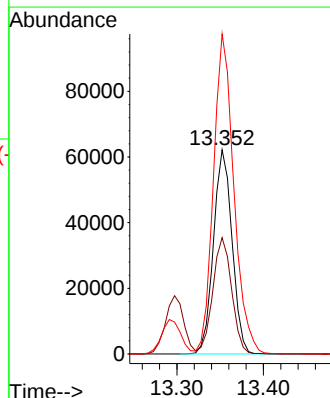
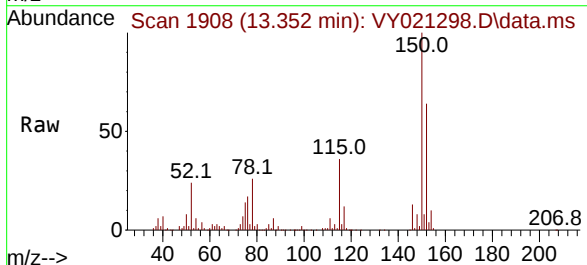
Tgt Ion:152 Resp: 92699

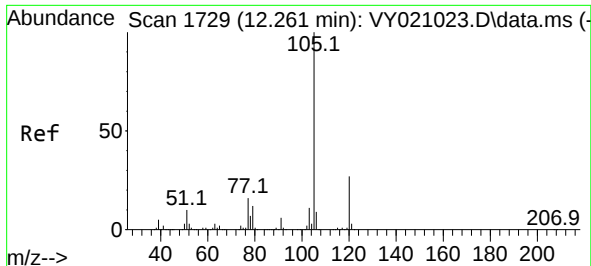
Ion Ratio Lower Upper

152 100

115 57.8 30.0 90.0

150 171.5 0.0 344.6

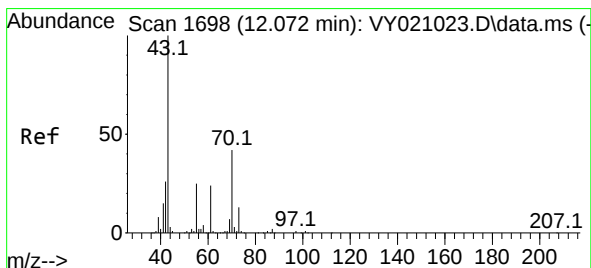
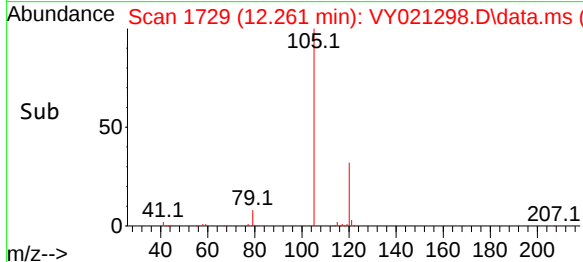
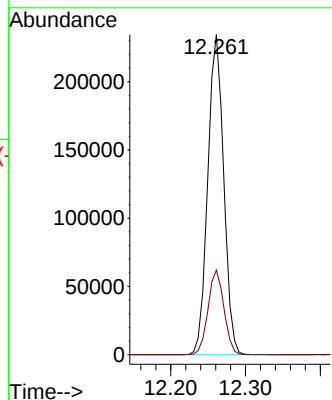
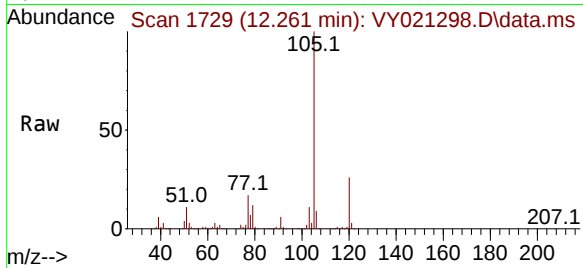




#73
Isopropylbenzene
Concen: 47.897 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

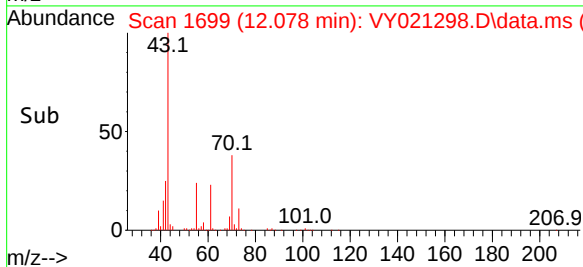
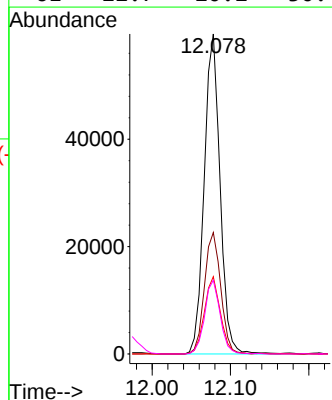
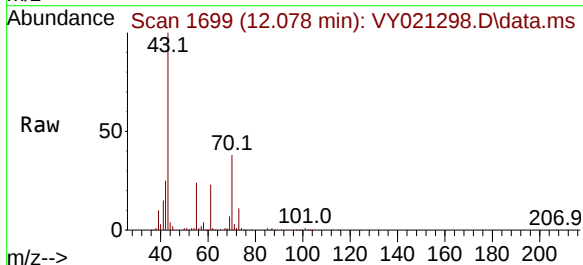
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

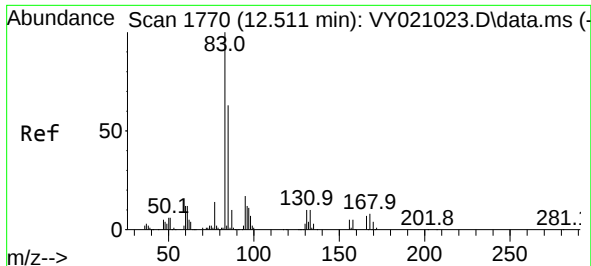
Tgt Ion:105 Resp: 346825
Ion Ratio Lower Upper
105 100
120 26.3 13.0 39.0



#74
N-ethyl acetate
Concen: 52.822 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 43 Resp: 83623
Ion Ratio Lower Upper
43 100
70 39.2 36.6 55.0
55 24.5 22.2 33.4
61 22.7 20.2 30.4

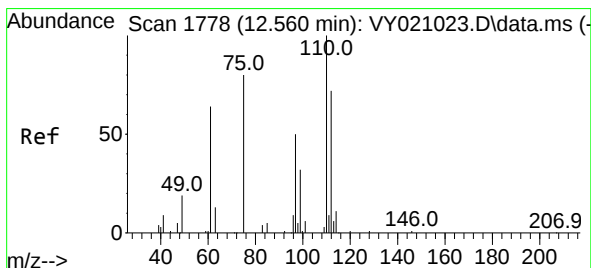
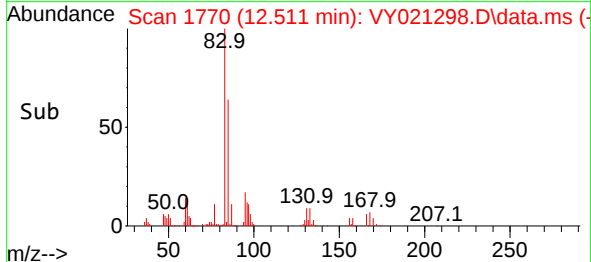
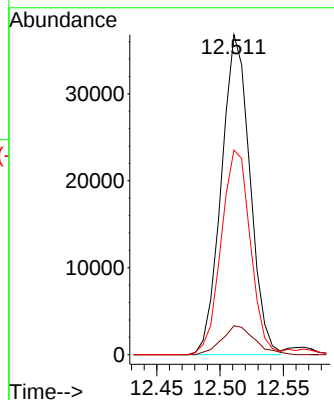
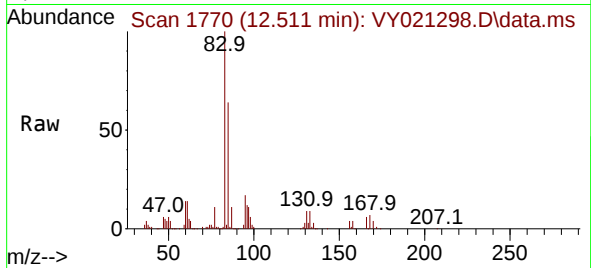




#75
 1,1,2-Tetrachloroethane
 Concen: 48.050 ug/l
 RT: 12.511 min Scan# 1770
 Delta R.T. -0.000 min
 Lab File: VY021298.D
 Acq: 21 Feb 2025 20:27

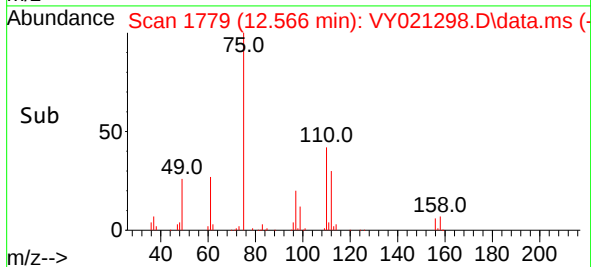
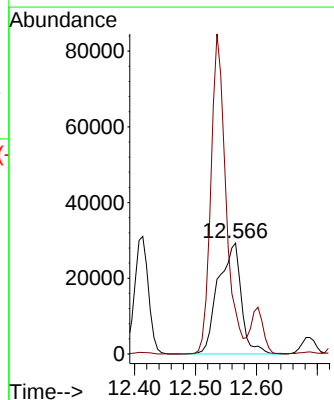
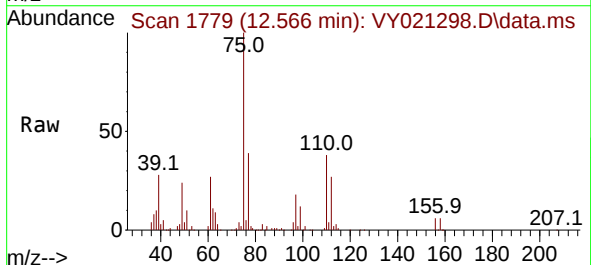
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

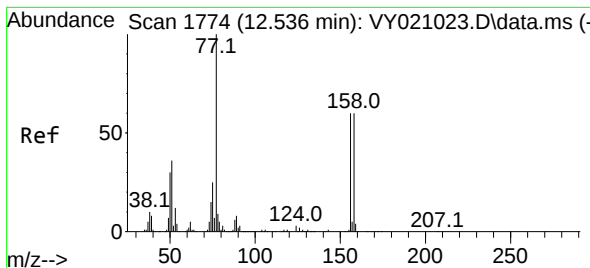
Tgt Ion: 83 Resp: 57866
 Ion Ratio Lower Upper
 83 100
 131 10.4 4.9 14.6
 85 65.1 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 91.424 ug/l
 RT: 12.566 min Scan# 1779
 Delta R.T. 0.006 min
 Lab File: VY021298.D
 Acq: 21 Feb 2025 20:27

Tgt Ion: 75 Resp: 76878
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.390 ug/l

RT: 12.535 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY021298.D

Acq: 21 Feb 2025 20:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

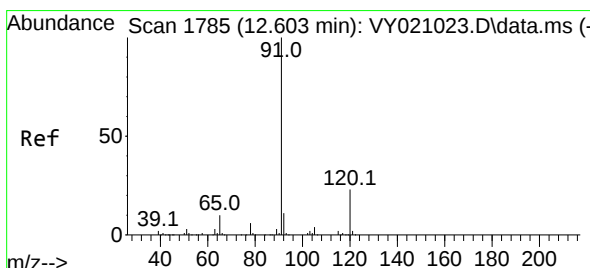
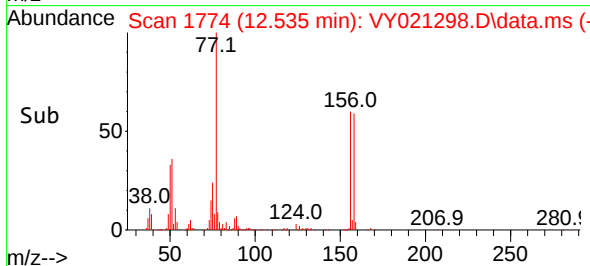
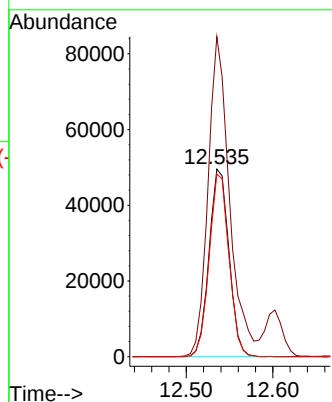
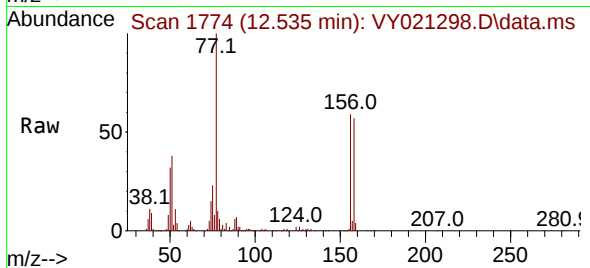
Tgt Ion:156 Resp: 79189

Ion Ratio Lower Upper

156 100

77 183.0 97.3 291.8

158 96.4 48.4 145.0



#78

n-propylbenzene

Concen: 48.809 ug/l

RT: 12.602 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VY021298.D

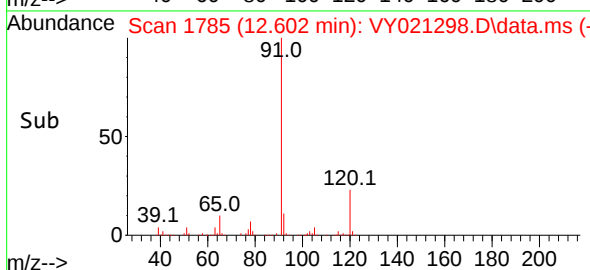
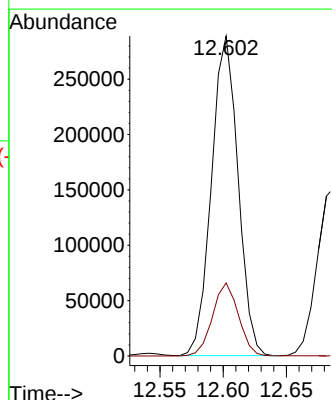
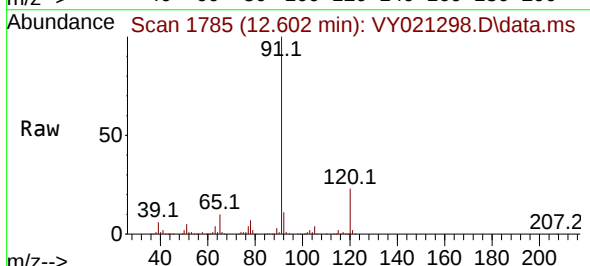
Acq: 21 Feb 2025 20:27

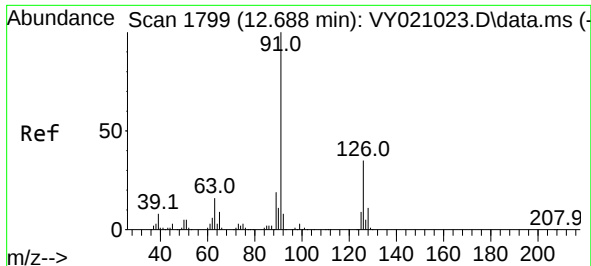
Tgt Ion: 91 Resp: 421016

Ion Ratio Lower Upper

91 100

120 22.3 11.0 33.0

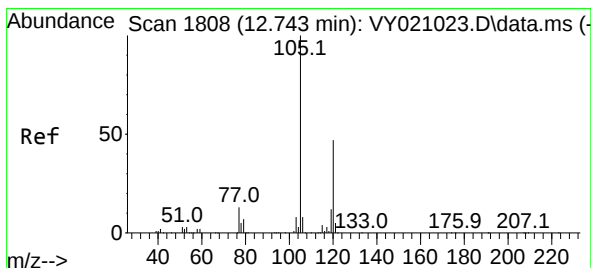
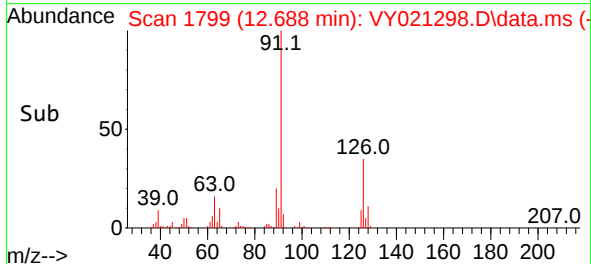
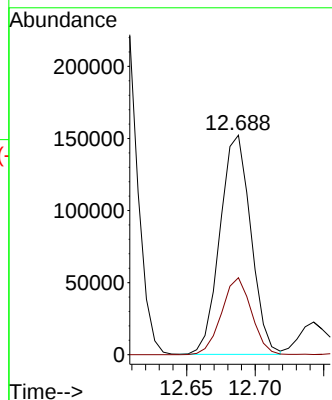
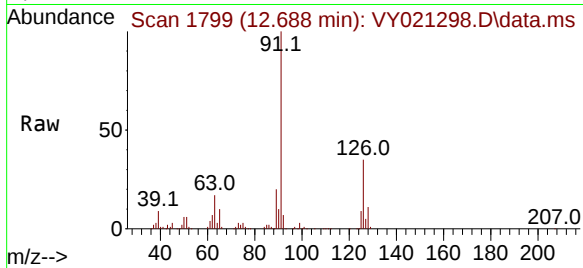




#79
2-Chlorotoluene
Concen: 48.301 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

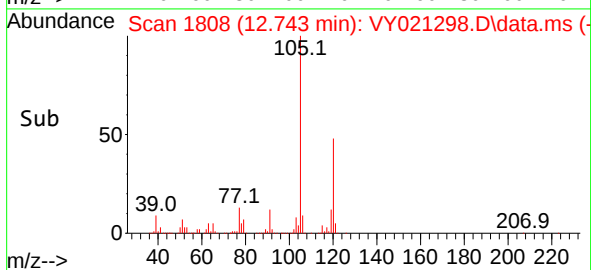
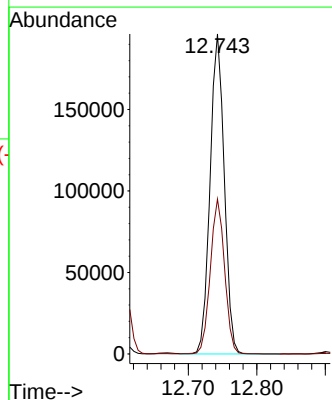
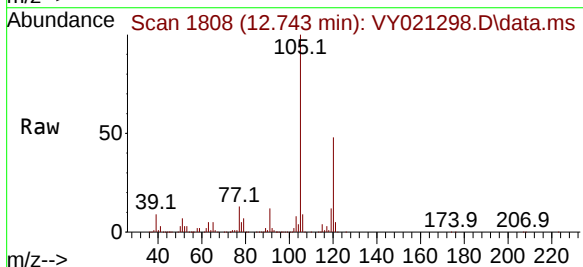
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

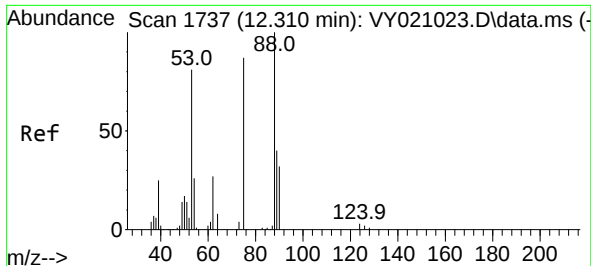
Tgt Ion: 91 Resp: 238624
Ion Ratio Lower Upper
91 100
126 34.0 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 48.192 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:105 Resp: 282926
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.8

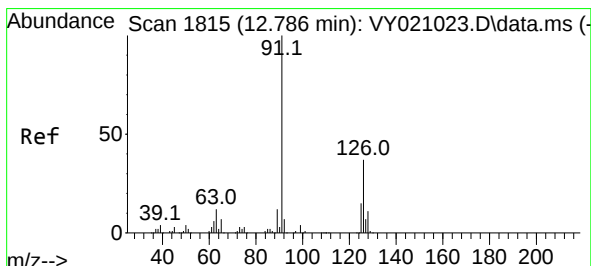
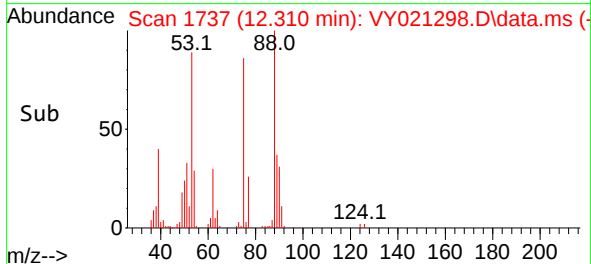
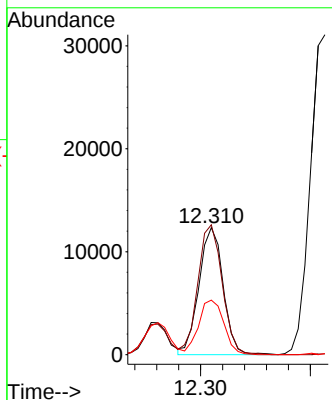
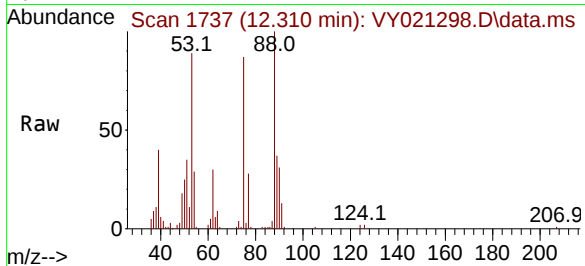




#81
trans-1,4-Dichloro-2-butene
Concen: 45.910 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

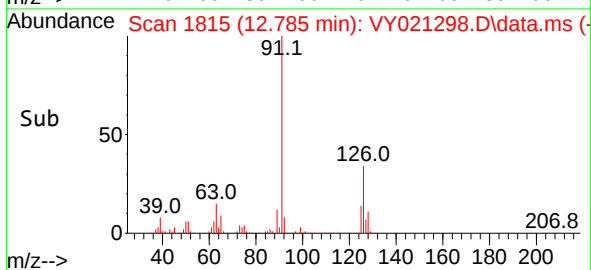
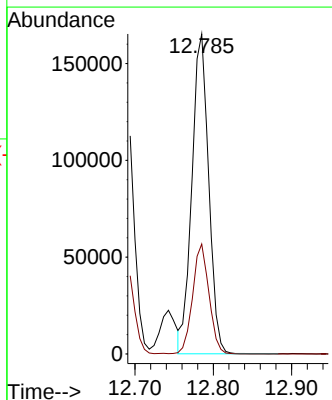
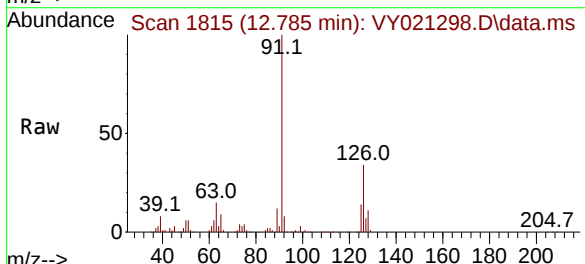
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

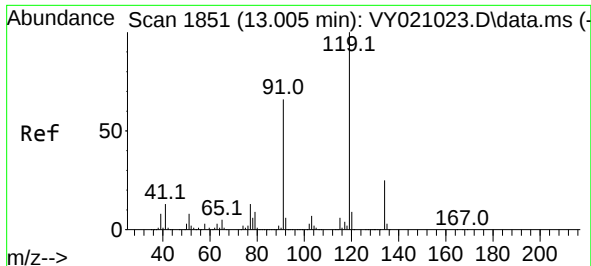
Tgt Ion: 75 Resp: 18920
Ion Ratio Lower Upper
75 100
53 103.3 74.0 111.0
89 44.6 36.5 54.7



#82
4-Chlorotoluene
Concen: 48.800 ug/l
RT: 12.785 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 91 Resp: 245636
Ion Ratio Lower Upper
91 100
126 33.6 17.1 51.2

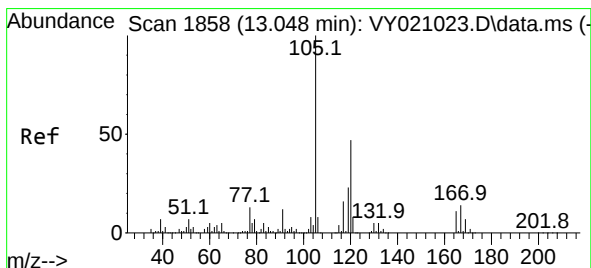
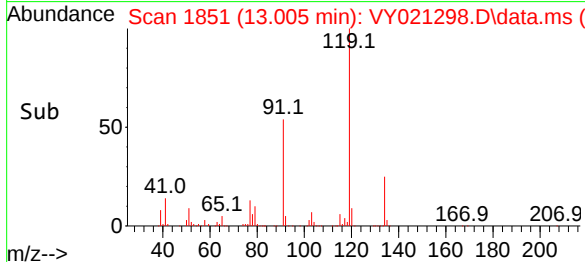
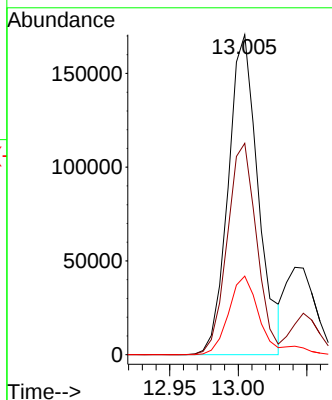
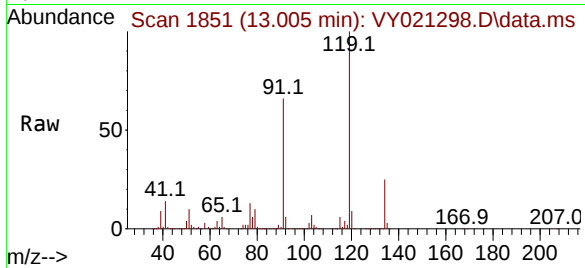




#83
tert-Butylbenzene
Concen: 48.787 ug/l
RT: 13.005 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

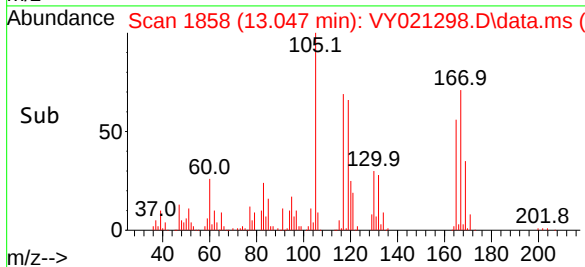
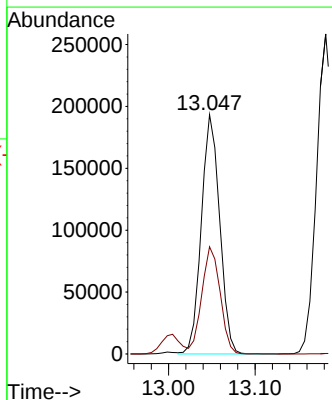
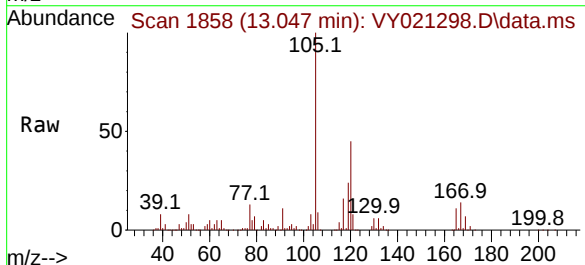
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

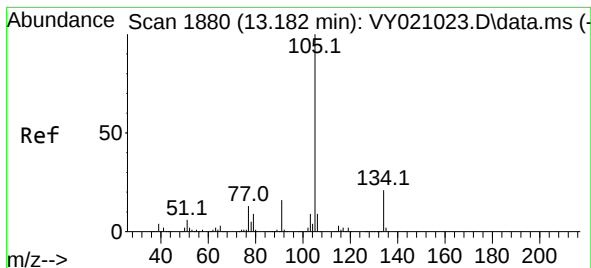
Tgt Ion:119 Resp: 260345
Ion Ratio Lower Upper
119 100
91 64.7 31.5 94.5
134 26.2 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 49.493 ug/l
RT: 13.047 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:105 Resp: 284109
Ion Ratio Lower Upper
105 100
120 44.7 22.1 66.3





#85

sec-Butylbenzene

Concen: 48.640 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VY021298.D

Acq: 21 Feb 2025 20:27

Instrument :

MSVOA_Y

ClientSampleId :

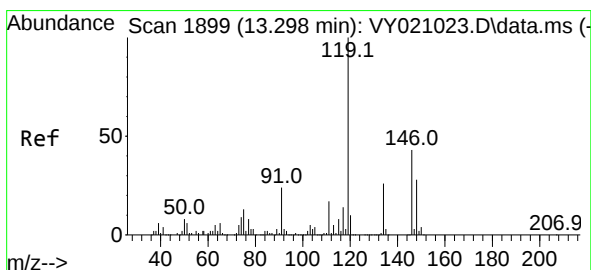
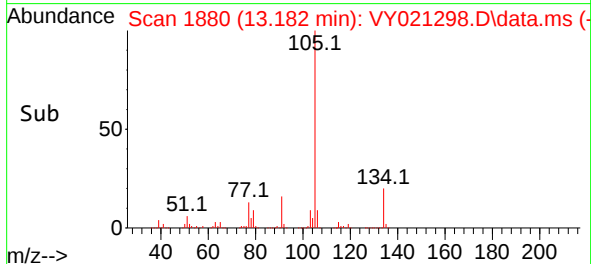
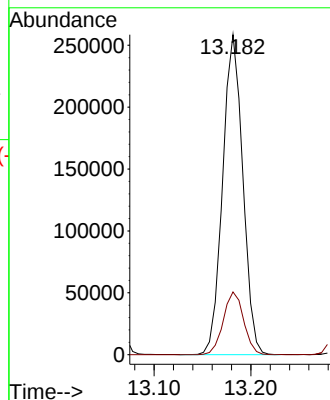
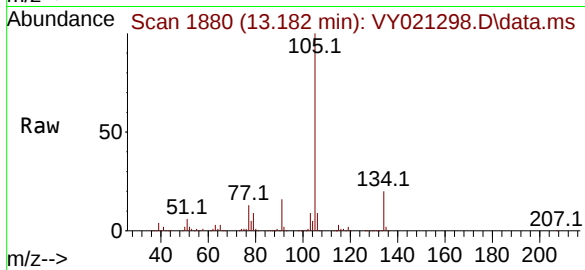
VSTDCCC050EC

Tgt Ion:105 Resp: 373628

Ion Ratio Lower Upper

105 100

134 19.8 9.7 28.9



#86

p-Isopropyltoluene

Concen: 49.066 ug/l

RT: 13.297 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VY021298.D

Acq: 21 Feb 2025 20:27

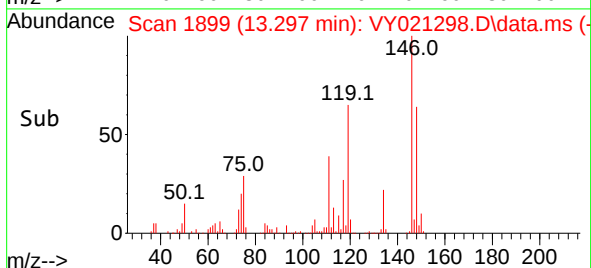
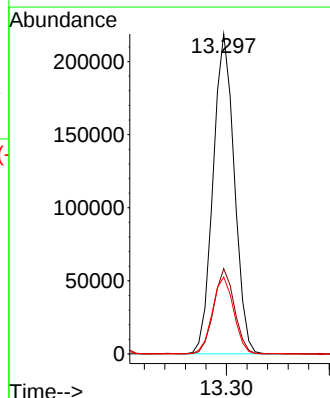
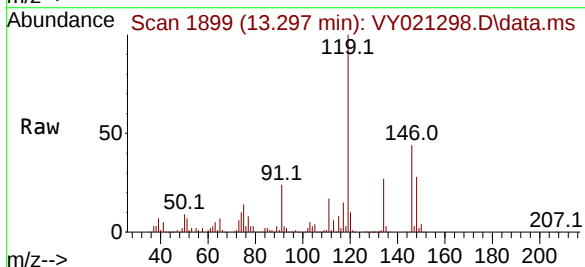
Tgt Ion:119 Resp: 313085

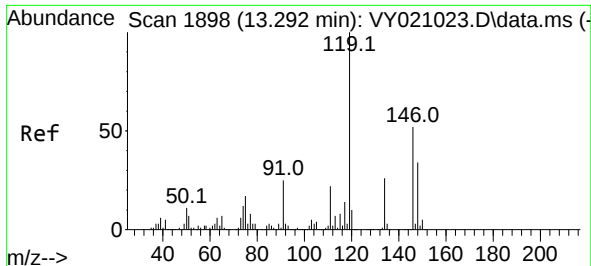
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

91 24.1 11.7 35.0

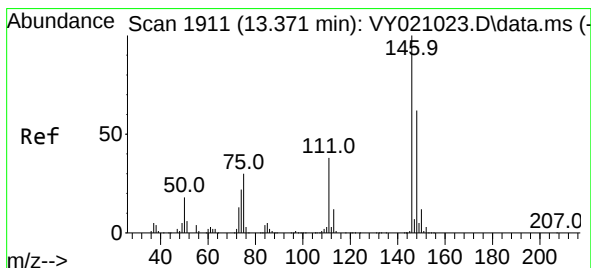
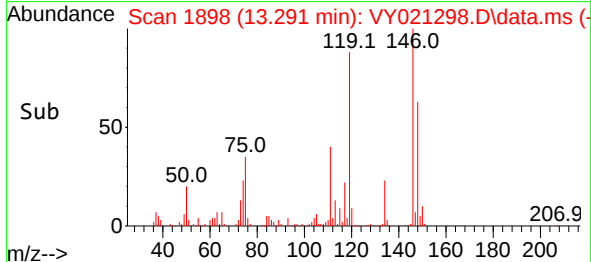
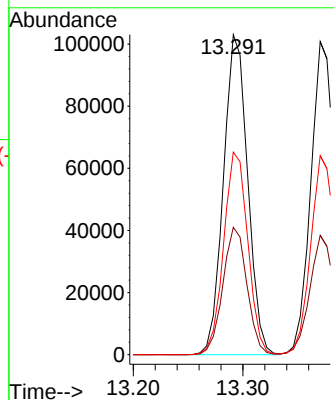
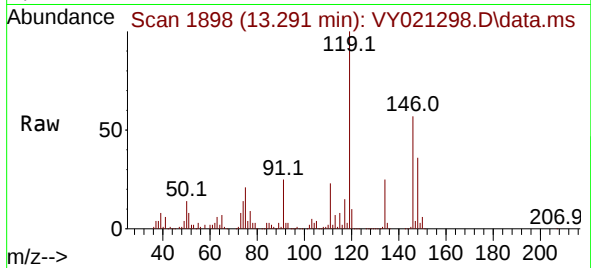




#87
1,3-Dichlorobenzene
Concen: 48.998 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

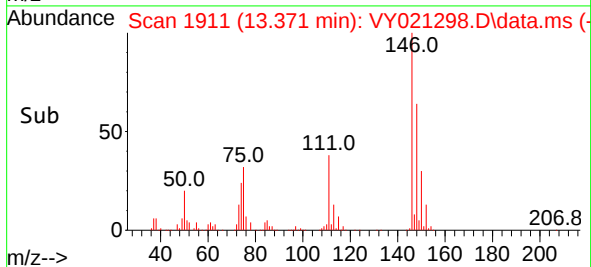
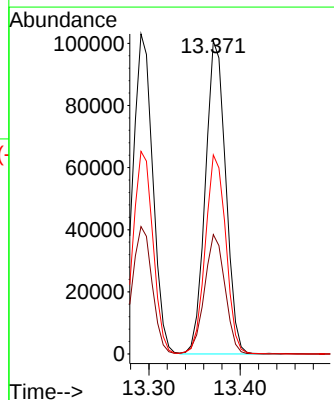
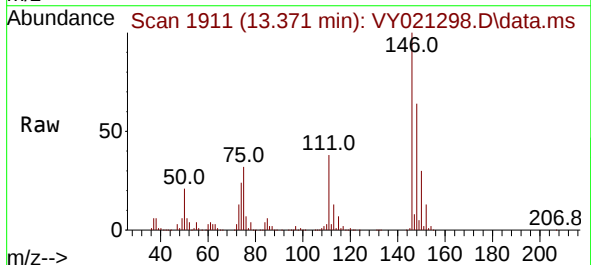
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

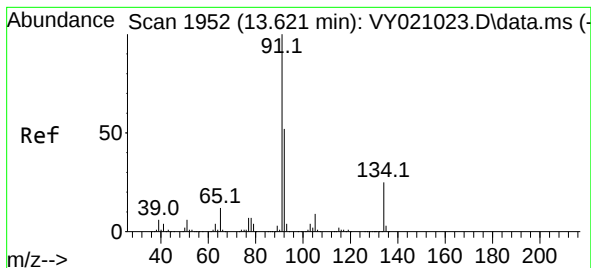
Tgt Ion:146 Resp: 158092
Ion Ratio Lower Upper
146 100
111 39.6 20.2 60.5
148 63.2 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 49.004 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion:146 Resp: 155677
Ion Ratio Lower Upper
146 100
111 38.5 19.3 57.9
148 64.0 31.6 94.7





#89

n-Butylbenzene

Concen: 50.284 ug/l

RT: 13.620 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VY021298.D

Acq: 21 Feb 2025 20:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

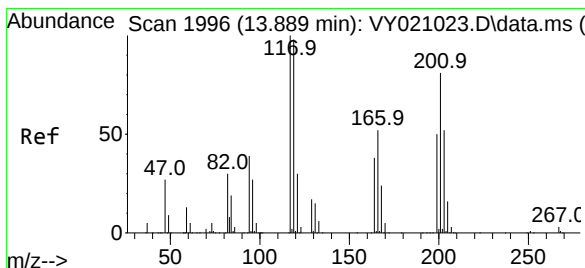
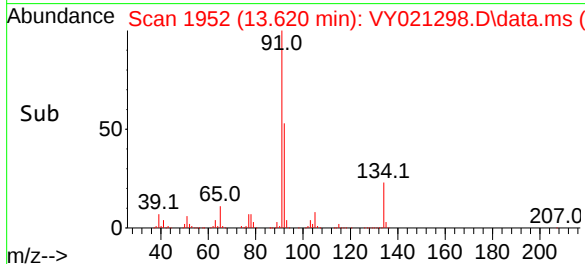
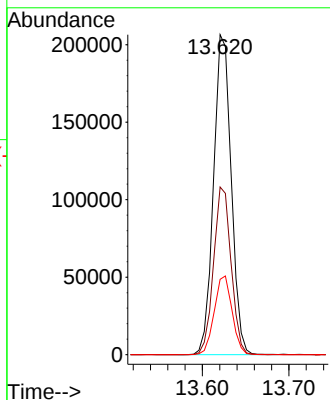
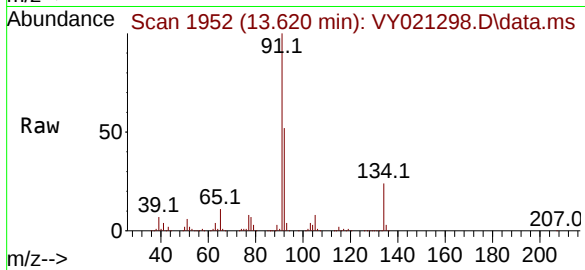
Tgt Ion: 91 Resp: 292709

Ion Ratio Lower Upper

91 100

92 52.0 26.4 79.2

134 24.8 12.3 36.8



#90

Hexachloroethane

Concen: 49.420 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VY021298.D

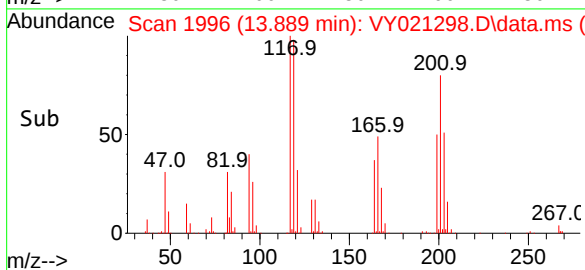
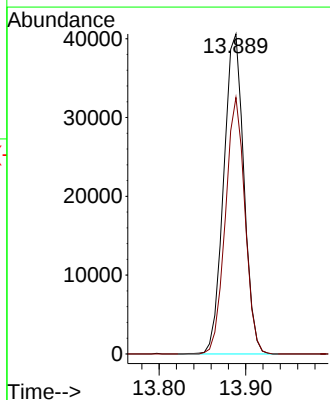
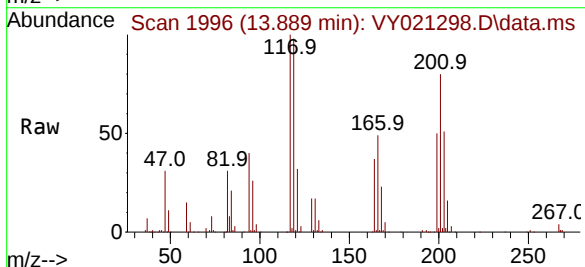
Acq: 21 Feb 2025 20:27

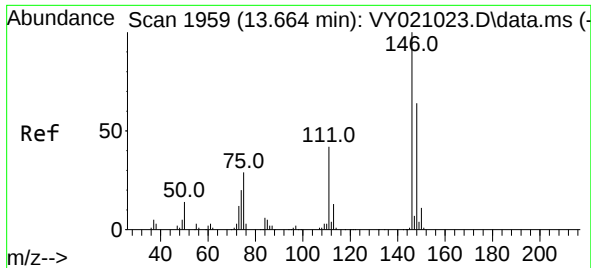
Tgt Ion: 117 Resp: 65786

Ion Ratio Lower Upper

117 100

201 77.4 33.4 100.1

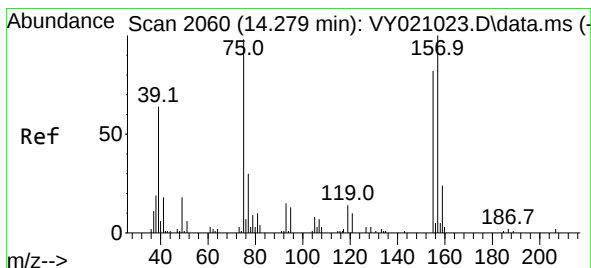
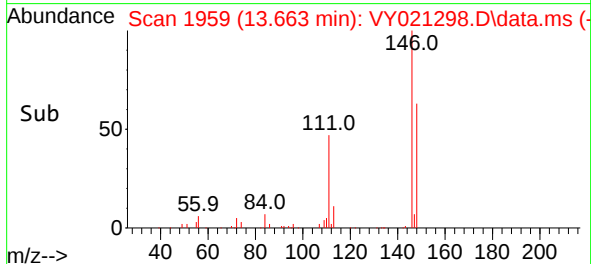
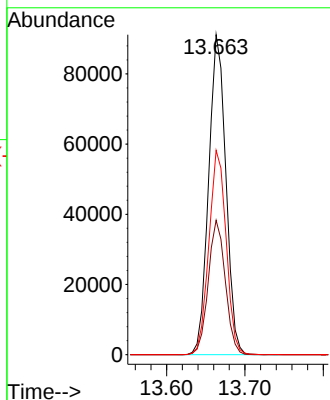
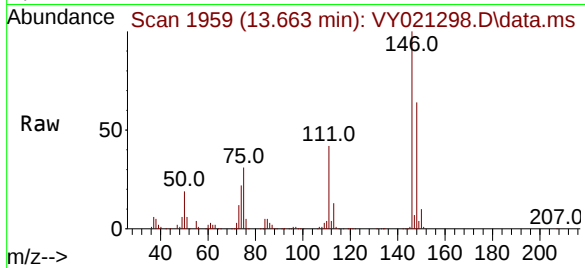




#91
1,2-Dichlorobenzene
Concen: 49.608 ug/l
RT: 13.663 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

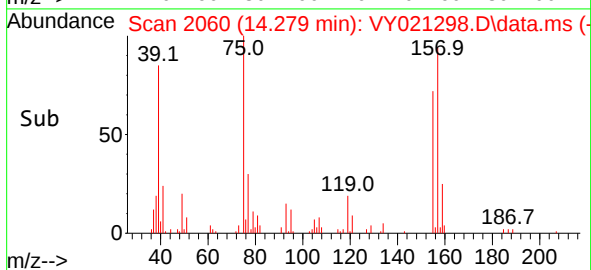
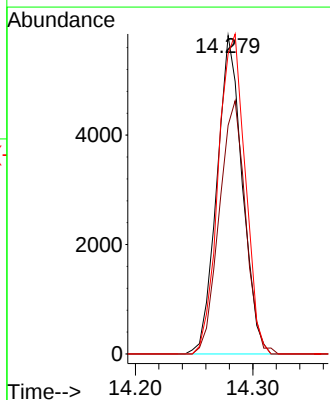
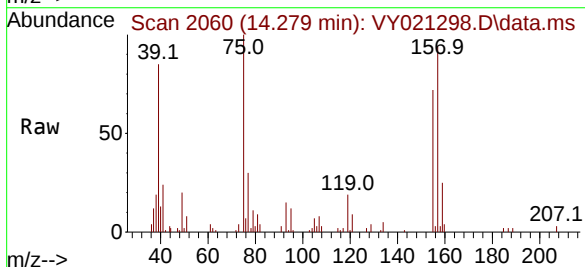
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

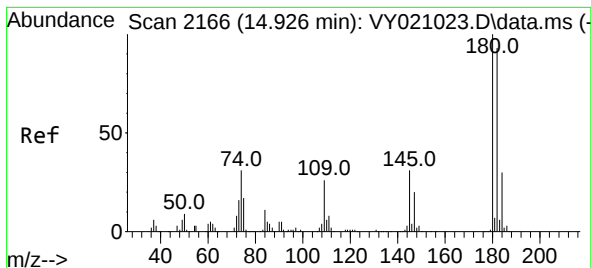
Tgt Ion:146 Resp: 138923
Ion Ratio Lower Upper
146 100
111 41.6 20.5 61.6
148 64.1 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.777 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. -0.000 min
Lab File: VY021298.D
Acq: 21 Feb 2025 20:27

Tgt Ion: 75 Resp: 8778
Ion Ratio Lower Upper
75 100
155 81.7 42.1 126.3
157 105.8 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 51.098 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.000 min

Lab File: VY021298.D

Acq: 21 Feb 2025 20:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

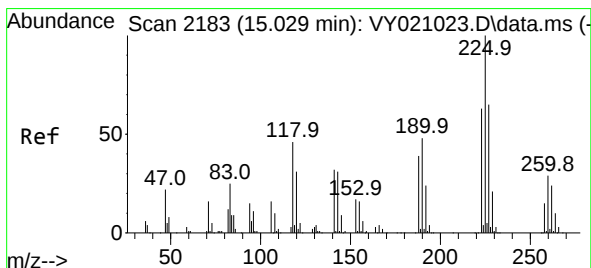
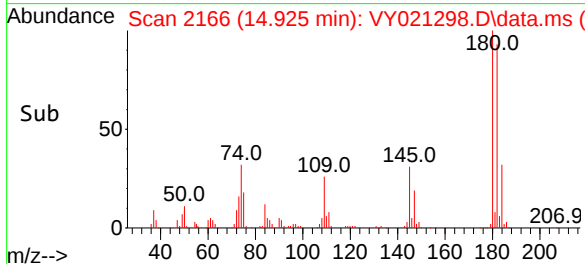
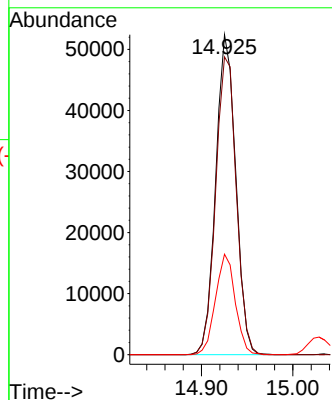
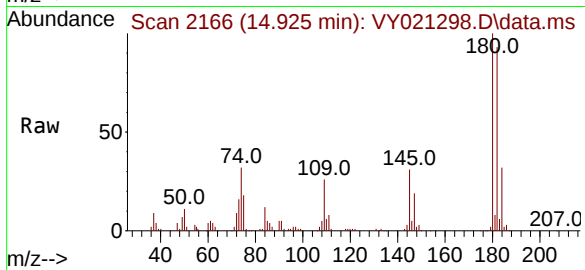
Tgt Ion:180 Resp: 79651

Ion Ratio Lower Upper

180 100

182 96.1 47.9 143.7

145 31.0 15.9 47.7



#94

Hexachlorobutadiene

Concen: 50.024 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.000 min

Lab File: VY021298.D

Acq: 21 Feb 2025 20:27

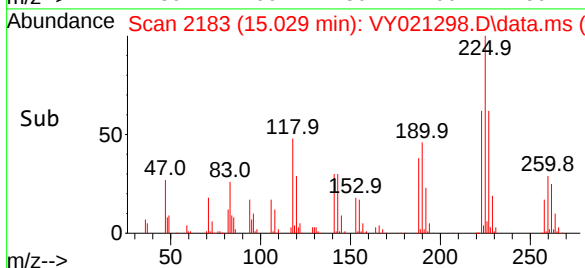
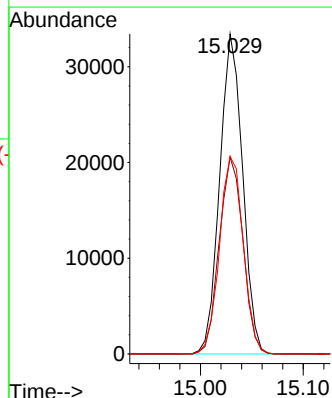
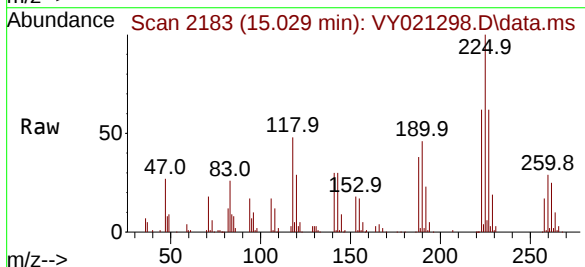
Tgt Ion:225 Resp: 51673

Ion Ratio Lower Upper

225 100

223 63.6 31.4 94.3

227 64.1 32.3 96.8





#95

Naphthalene

Concen: 54.500 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. -0.000 min

Lab File: VY021298.D

Acq: 21 Feb 2025 20:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

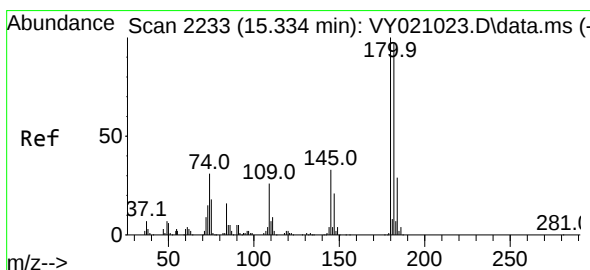
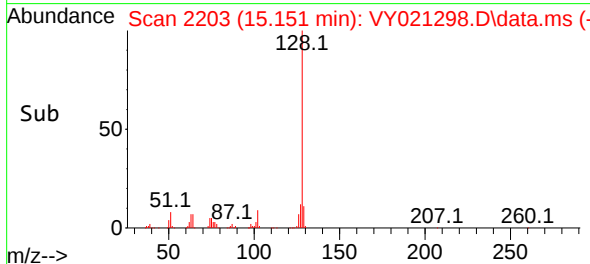
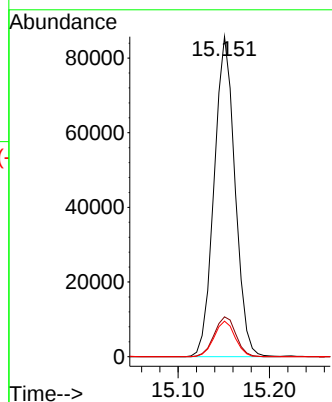
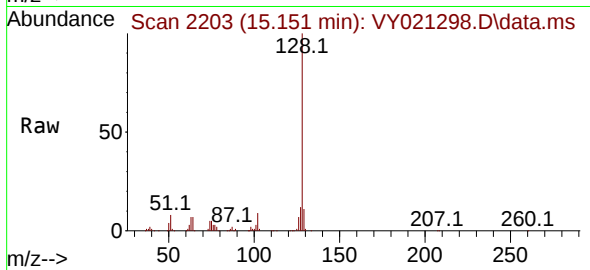
Tgt Ion:128 Resp: 135915

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 11.2 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 52.553 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY021298.D

Acq: 21 Feb 2025 20:27

Tgt Ion:180 Resp: 68173

Ion Ratio Lower Upper

180 100

182 95.7 46.3 138.8

145 32.4 16.1 48.2

