

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052325\
 Data File : VY022419.D
 Acq On : 23 May 2025 20:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 23 23:26:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	191491	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.622	114	329252	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	282638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	136386	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	95312	45.542	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.080%
35) Dibromofluoromethane	7.646	113	93973	47.819	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.640%
50) Toluene-d8	10.115	98	364028	45.229	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.460%
62) 4-Bromofluorobenzene	12.407	95	109296	42.843	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.680%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	85350	42.715	ug/l	99
3) Chloromethane	2.068	50	221521	52.703	ug/l	100
4) Vinyl Chloride	2.208	62	262650	55.931	ug/l	98
5) Bromomethane	2.598	94	295104	77.196	ug/l	98
6) Chloroethane	2.739	64	193048	66.079	ug/l	97
7) Trichlorofluoromethane	3.056	101	221208	46.526	ug/l	98
8) Diethyl Ether	3.464	74	48244	42.282	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.824	101	97970	47.464	ug/l	98
10) Methyl Iodide	4.013	142	119495	50.020	ug/l	99
11) Tert butyl alcohol	4.878	59	32014	200.319	ug/l #	100
12) 1,1-Dichloroethene	3.799	96	95717	46.730	ug/l	98
13) Acrolein	3.665	56	4504	19.278	ug/l #	81
14) Allyl chloride	4.391	41	140777	39.197	ug/l	92
15) Acrylonitrile	5.073	53	104209	221.651	ug/l	99
16) Acetone	3.885	43	72874	185.705	ug/l	97
17) Carbon Disulfide	4.116	76	305645	45.760	ug/l	98
18) Methyl Acetate	4.403	43	52522	42.450	ug/l	95
19) Methyl tert-butyl Ether	5.128	73	246420	43.631	ug/l	98
20) Methylene Chloride	4.622	84	106718	42.087	ug/l	90
21) trans-1,2-Dichloroethene	5.122	96	105199	46.530	ug/l	95
22) Diisopropyl ether	6.031	45	303766	40.051	ug/l	97
23) Vinyl Acetate	5.970	43	921723	201.158	ug/l	97
24) 1,1-Dichloroethane	5.927	63	189630	44.752	ug/l	99
25) 2-Butanone	6.902	43	130073	198.161	ug/l	97
26) 2,2-Dichloropropane	6.890	77	156811	41.607	ug/l	98
27) cis-1,2-Dichloroethene	6.902	96	121537	46.584	ug/l	95
28) Bromochloromethane	7.256	49	78227	43.281	ug/l	94
29) Tetrahydrofuran	7.274	42	90078	213.305	ug/l	94
30) Chloroform	7.427	83	187262	46.074	ug/l	99
31) Cyclohexane	7.707	56	174300	41.170	ug/l	97
32) 1,1,1-Trichloroethane	7.628	97	170185	45.640	ug/l	98
36) 1,1-Dichloropropene	7.847	75	140355	43.362	ug/l	98
37) Ethyl Acetate	7.000	43	62887	40.379	ug/l	99
38) Carbon Tetrachloride	7.829	117	148187	44.228	ug/l	99
39) Methylcyclohexane	9.115	83	191450	44.025	ug/l	96
40) Benzene	8.091	78	432393	45.061	ug/l	99

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 ALS Vial : 15 Sample Multiplier: 1

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 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	32577	31.533	ug/l #	80
42) 1,2-Dichloroethane	8.164	62	113412	43.705	ug/l	99
43) Isopropyl Acetate	8.207	43	134975	39.739	ug/l	99
44) Trichloroethene	8.872	130	107737	45.155	ug/l	98
45) 1,2-Dichloropropane	9.152	63	98865	42.735	ug/l	95
46) Dibromomethane	9.237	93	55859	44.767	ug/l	99
47) Bromodichloromethane	9.432	83	139278	43.026	ug/l	98
48) Methyl methacrylate	9.225	41	60364	38.003	ug/l	90
49) 1,4-Dioxane	9.250	88	12781	906.702	ug/l	90
51) 4-Methyl-2-Pentanone	10.005	43	334749	200.859	ug/l	96
52) Toluene	10.176	92	272492	44.845	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	128381	40.639	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	152020	42.002	ug/l	95
55) 1,1,2-Trichloroethane	10.579	97	70160	43.910	ug/l	96
56) Ethyl methacrylate	10.444	69	104244	41.883	ug/l	95
57) 1,3-Dichloropropane	10.725	76	125412	44.176	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	269651	241.375	ug/l	97
59) 2-Hexanone	10.768	43	217811	194.924	ug/l	94
60) Dibromochloromethane	10.920	129	90937	43.848	ug/l	99
61) 1,2-Dibromoethane	11.018	107	67109	45.063	ug/l	97
64) Tetrachloroethene	10.652	164	113100	43.293	ug/l	98
65) Chlorobenzene	11.444	112	283359	44.437	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.524	131	94723	43.210	ug/l	99
67) Ethyl Benzene	11.524	91	523292	43.819	ug/l	98
68) m/p-Xylenes	11.633	106	399035	88.675	ug/l	96
69) o-Xylene	11.956	106	185624	43.599	ug/l	98
70) Styrene	11.975	104	313641	43.672	ug/l	98
71) Bromoform	12.133	173	49811	42.098	ug/l #	98
73) Isopropylbenzene	12.261	105	485733	42.989	ug/l	100
74) N-amyl acetate	12.072	43	119672	37.033	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.511	83	76541	44.048	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	106870	77.345	ug/l #	100
77) Bromobenzene	12.536	156	100985	41.846	ug/l	97
78) n-propylbenzene	12.596	91	586097	43.005	ug/l	99
79) 2-Chlorotoluene	12.682	91	310255	41.425	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	381079	41.781	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.310	75	25891	37.959	ug/l	96
82) 4-Chlorotoluene	12.779	91	321059	41.677	ug/l	98
83) tert-Butylbenzene	12.999	119	354869	43.775	ug/l	96
84) 1,2,4-Trimethylbenzene	13.048	105	375722	41.497	ug/l	97
85) sec-Butylbenzene	13.182	105	519118	43.138	ug/l	100
86) p-Isopropyltoluene	13.291	119	426187	42.109	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	207744	42.169	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	197220	41.619	ug/l	98
89) n-Butylbenzene	13.621	91	405742	42.375	ug/l	99
90) Hexachloroethane	13.883	117	85386	41.793	ug/l	96
91) 1,2-Dichlorobenzene	13.663	146	174496	42.169	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	11065	39.489	ug/l	97
93) 1,2,4-Trichlorobenzene	14.925	180	91115	38.119	ug/l	98
94) Hexachlorobutadiene	15.023	225	54038	40.539	ug/l	99
95) Naphthalene	15.145	128	181330	39.976	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	77428	38.184	ug/l	98

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Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

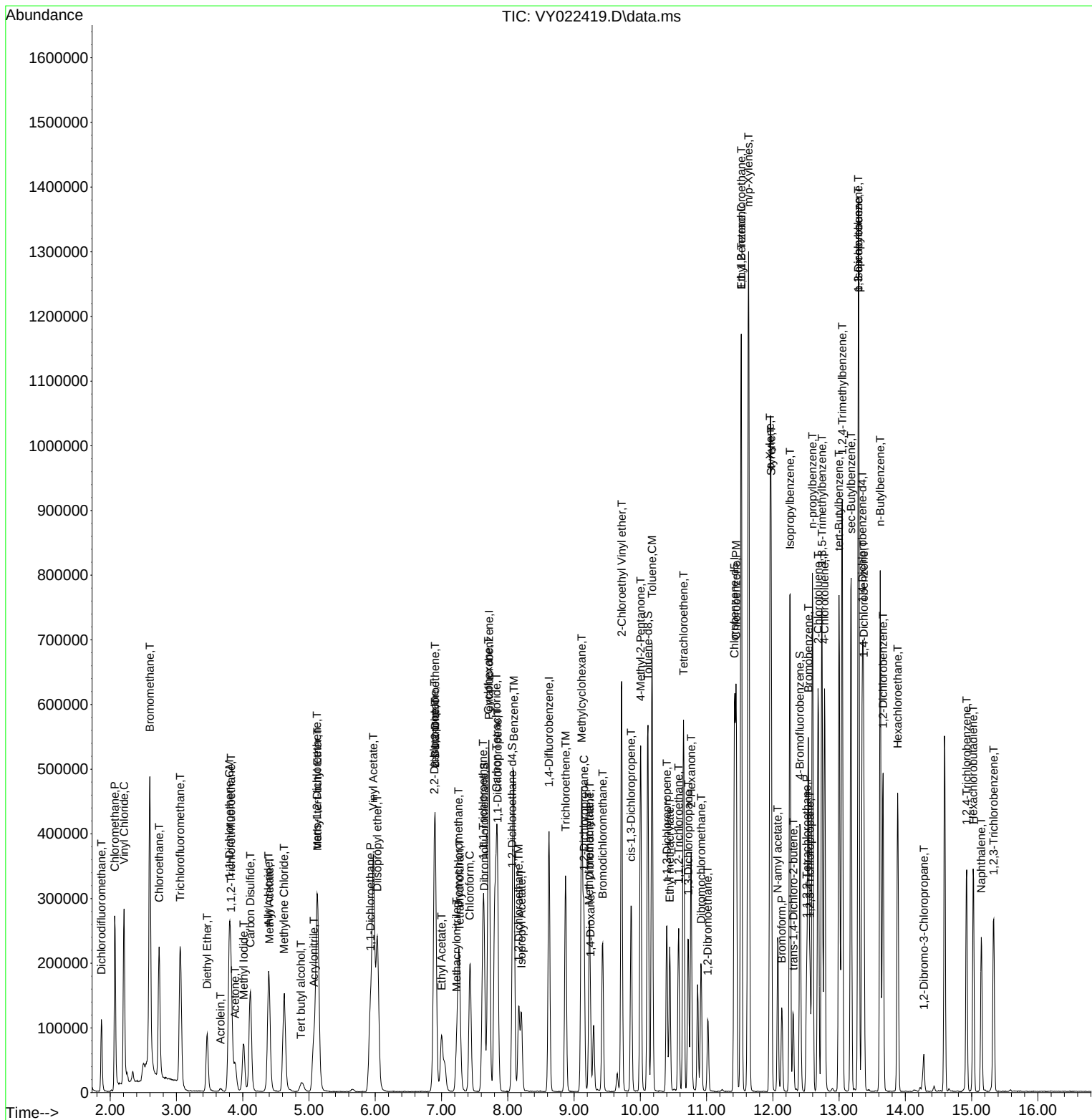
Quant Time: May 23 23:26:10 2025
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Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
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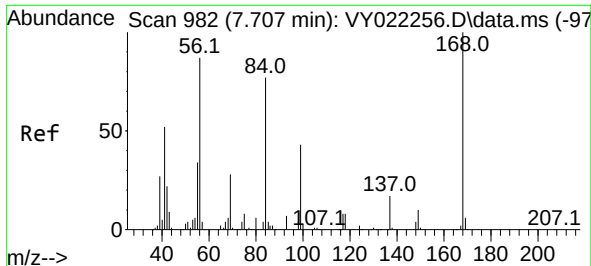
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_Y
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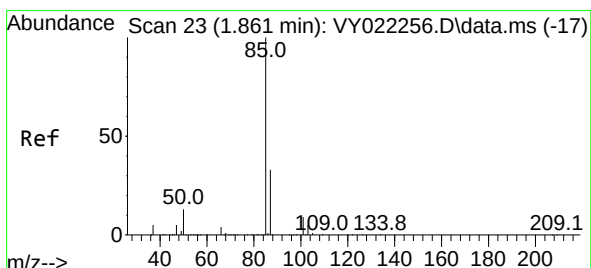
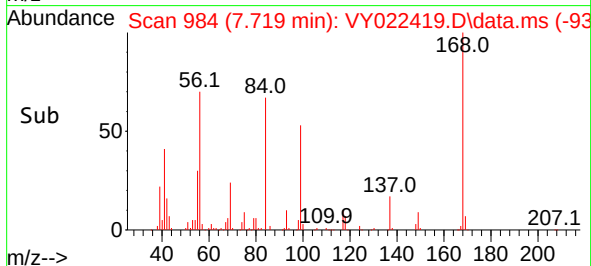
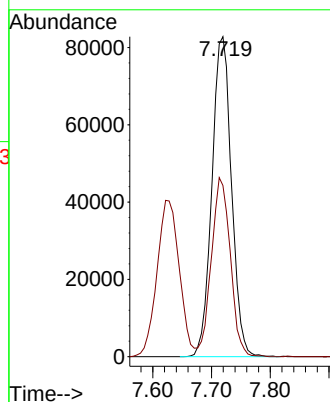
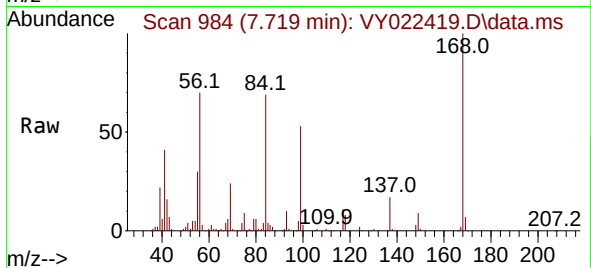




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY022419.D
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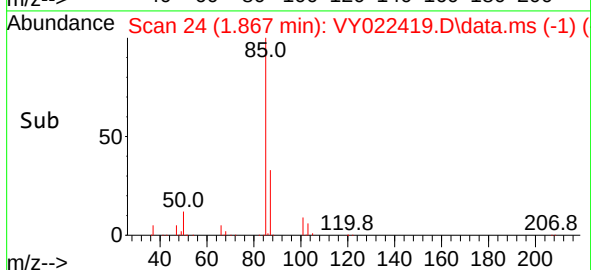
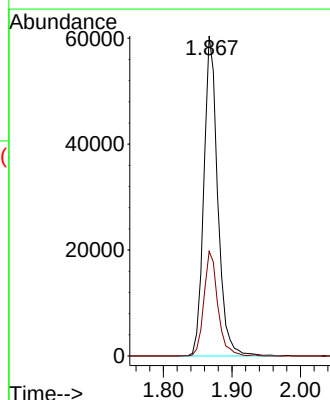
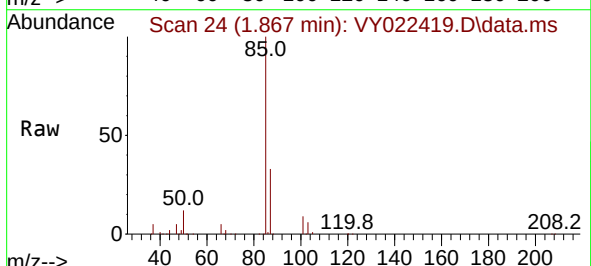
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

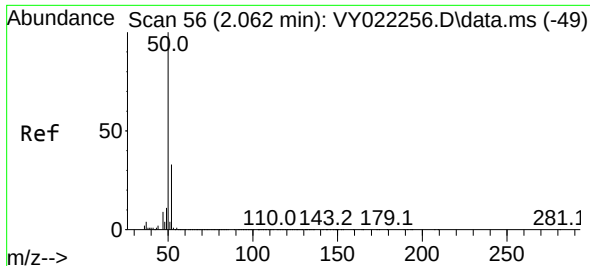
Tgt Ion:168 Resp: 191491
Ion Ratio Lower Upper
168 100
99 53.5 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 42.715 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 20:20

Tgt Ion: 85 Resp: 85350
Ion Ratio Lower Upper
85 100
87 32.7 16.5 49.5

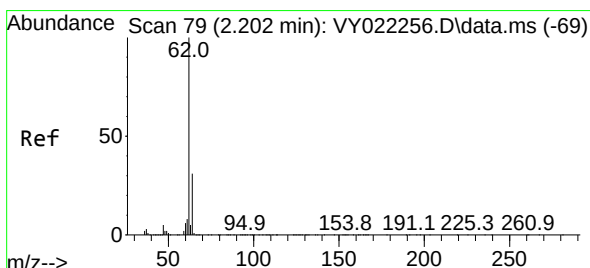
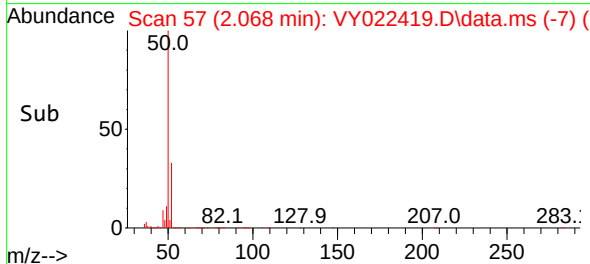
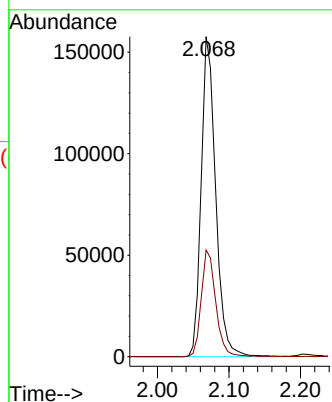
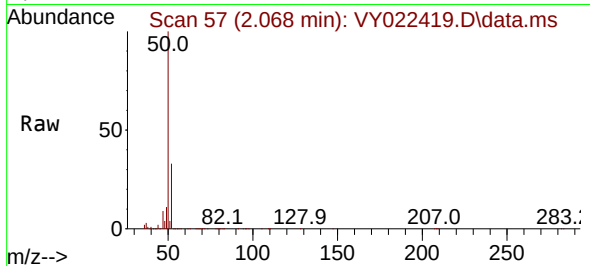




#3
Chloromethane
Concen: 52.703 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 20:20

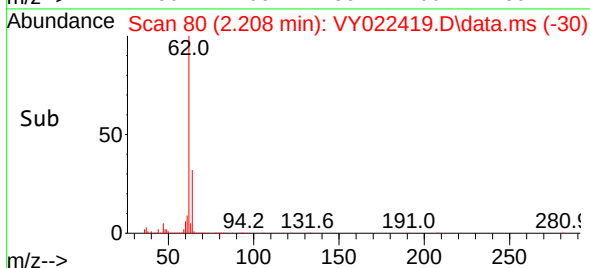
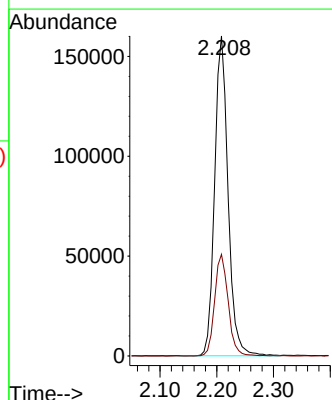
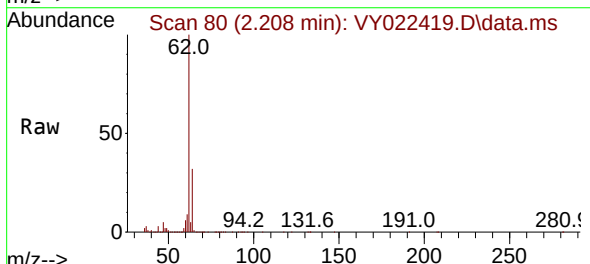
Instrument :
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ClientSampleId :
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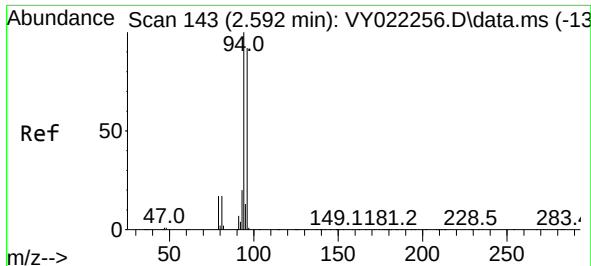
Tgt Ion: 50 Resp: 221521
Ion Ratio Lower Upper
50 100
52 33.4 26.5 39.7



#4
Vinyl Chloride
Concen: 55.931 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 20:20

Tgt Ion: 62 Resp: 262650
Ion Ratio Lower Upper
62 100
64 31.7 24.5 36.7

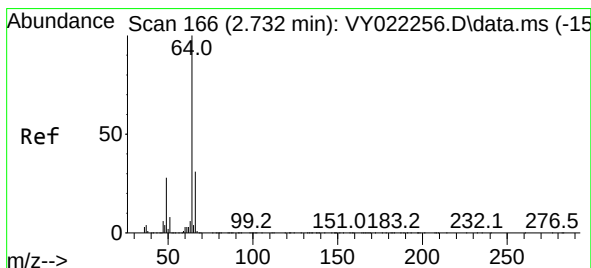
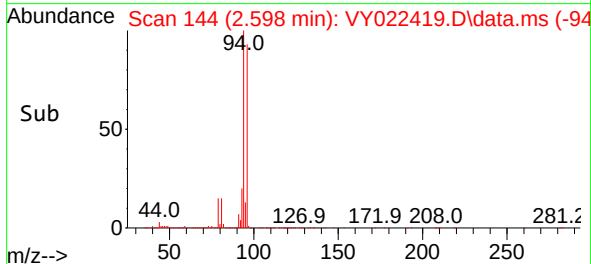
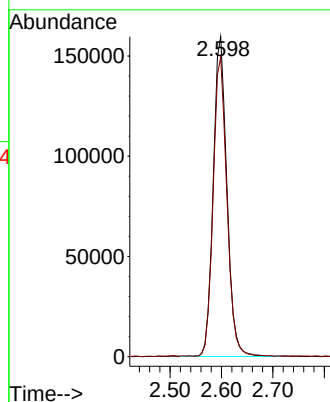
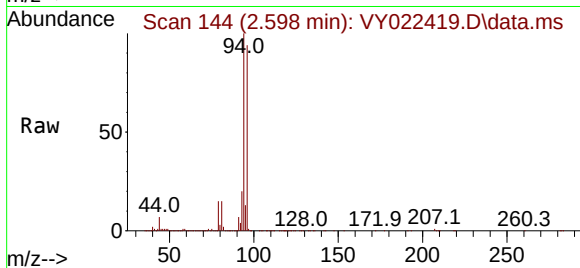




#5
Bromomethane
Concen: 77.196 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 20:20

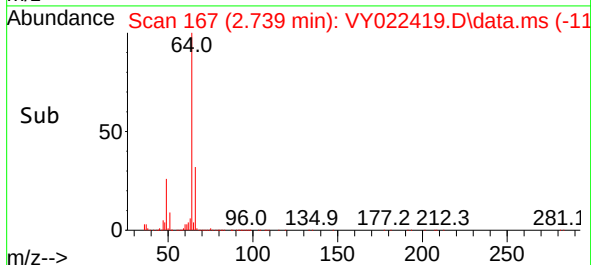
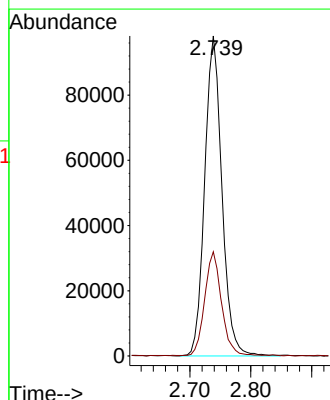
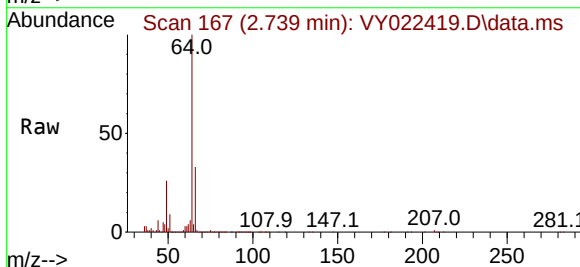
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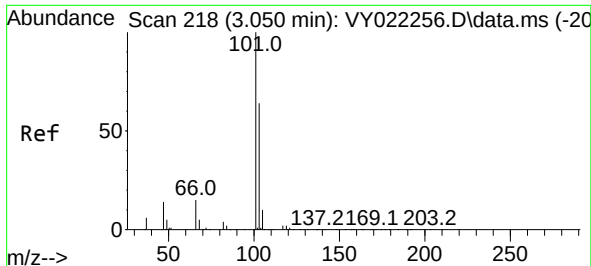
Tgt Ion: 94 Resp: 295104
Ion Ratio Lower Upper
94 100
96 93.3 73.4 110.0



#6
Chloroethane
Concen: 66.079 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 20:20

Tgt Ion: 64 Resp: 193048
Ion Ratio Lower Upper
64 100
66 32.5 24.8 37.2

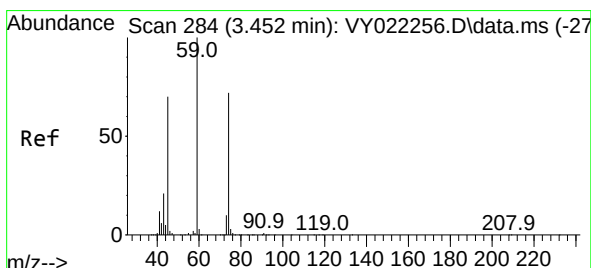
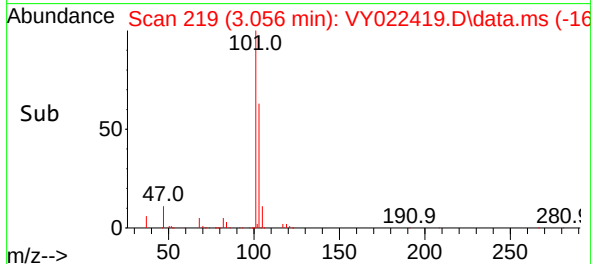
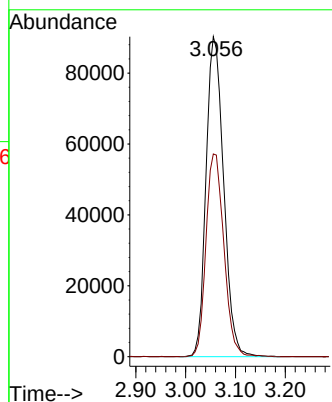
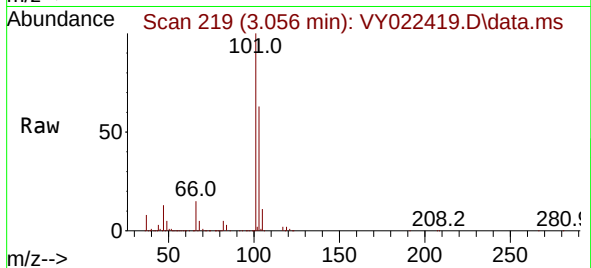




#7
 Trichlorofluoromethane
 Concen: 46.526 ug/l
 RT: 3.056 min Scan# 218
 Delta R.T. 0.006 min
 Lab File: VY022419.D
 Acq: 23 May 2025 20:20

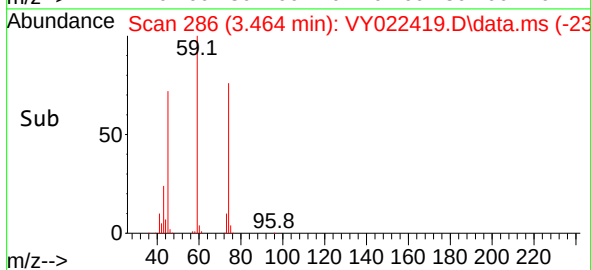
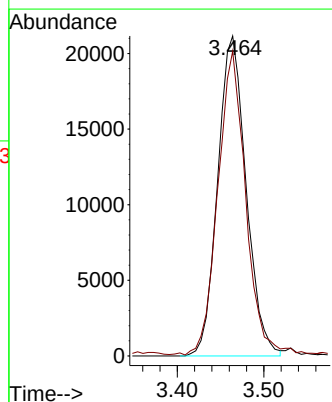
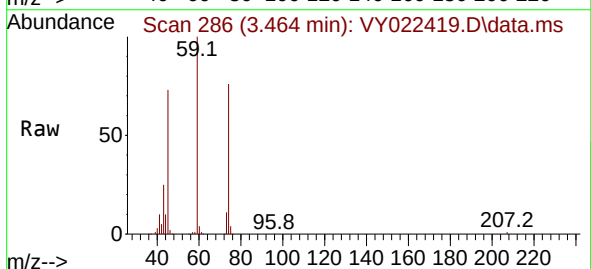
Instrument :
 MSVOA_Y
 ClientSampleId :
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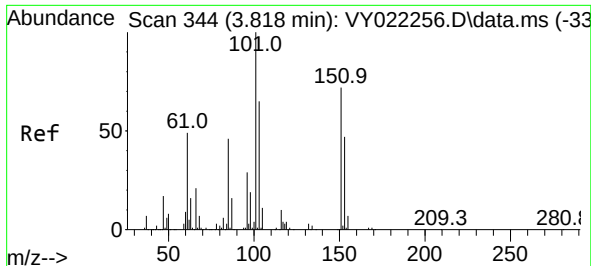
Tgt Ion:101 Resp: 221208
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.7 77.5



#8
 Diethyl Ether
 Concen: 42.282 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.012 min
 Lab File: VY022419.D
 Acq: 23 May 2025 20:20

Tgt Ion: 74 Resp: 48244
 Ion Ratio Lower Upper
 74 100
 45 92.6 48.6 145.8

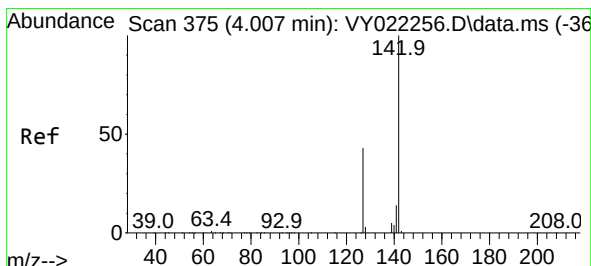
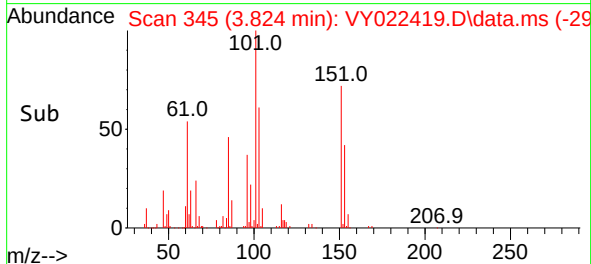
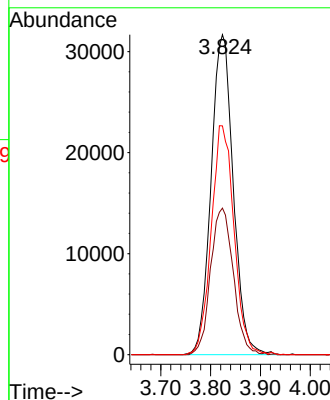
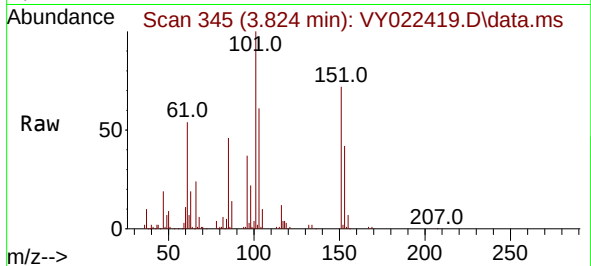




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.464 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 20:20

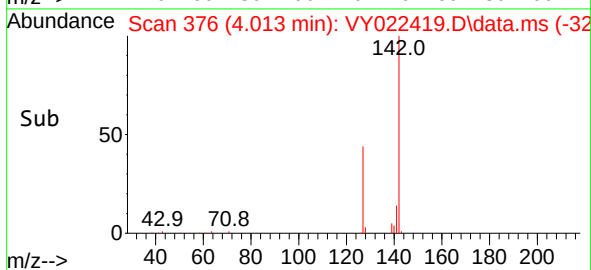
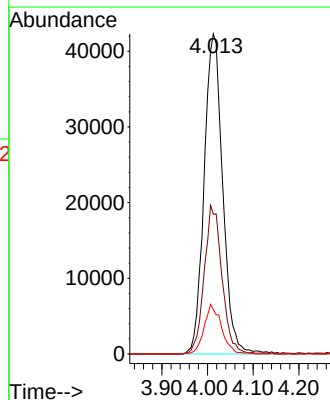
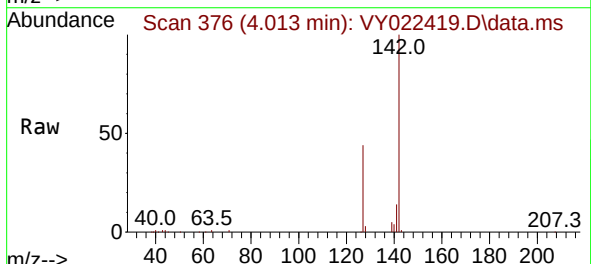
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

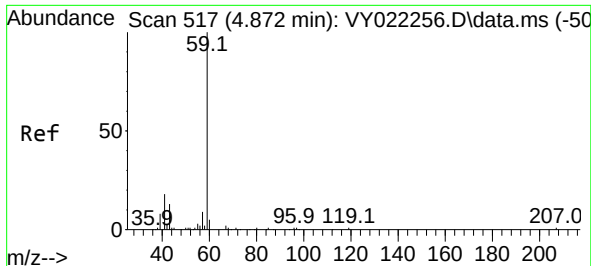
Tgt Ion:101 Resp: 97970
Ion Ratio Lower Upper
101 100
85 46.9 38.6 58.0
151 73.3 59.7 89.5



#10
Methyl Iodide
Concen: 50.020 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 20:20

Tgt Ion:142 Resp: 119495
Ion Ratio Lower Upper
142 100
127 44.3 35.7 53.5
141 14.5 11.1 16.7

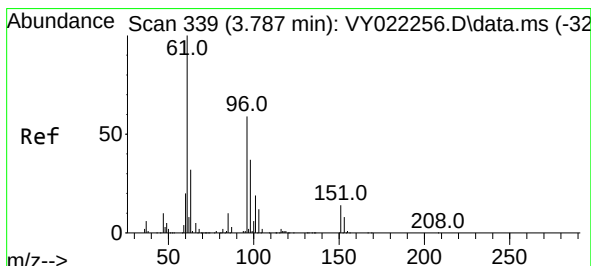
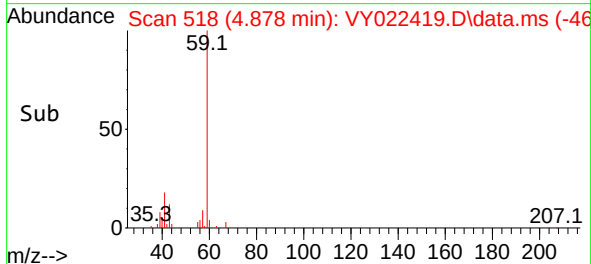
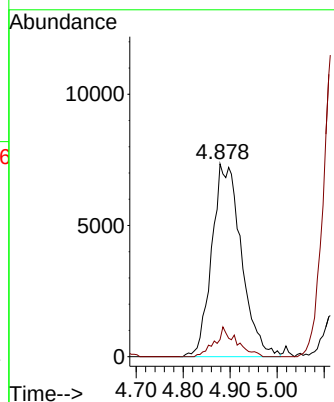
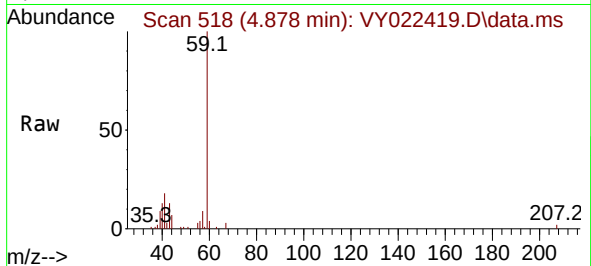




#11
Tert butyl alcohol
Concen: 200.319 ug/l
RT: 4.878 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 20:20

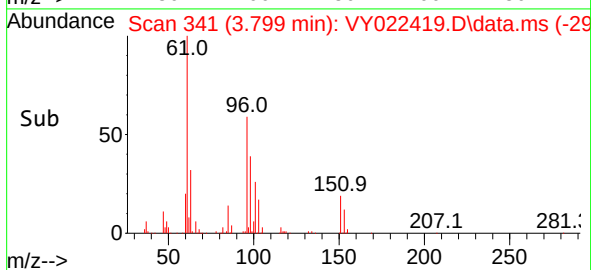
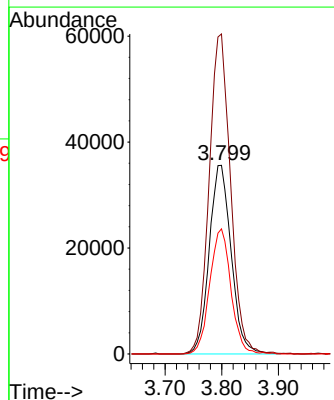
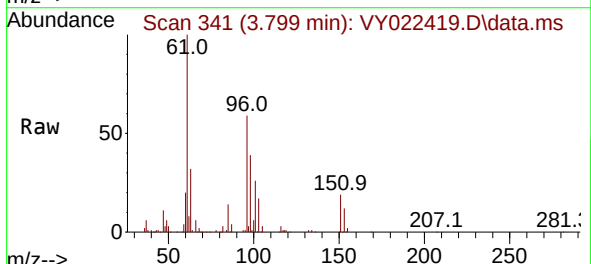
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

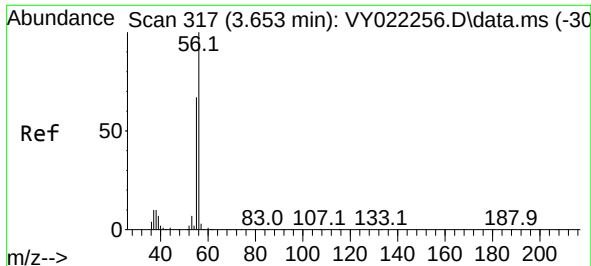
Tgt Ion: 59 Resp: 32014
Ion Ratio Lower Upper
59 100
57 11.2 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 46.730 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY022419.D
Acq: 23 May 2025 20:20

Tgt Ion: 96 Resp: 95717
Ion Ratio Lower Upper
96 100
61 169.6 134.9 202.3
98 66.3 49.9 74.9

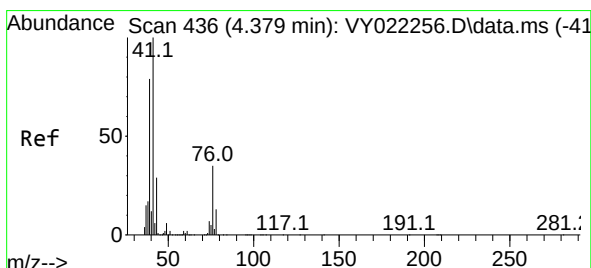
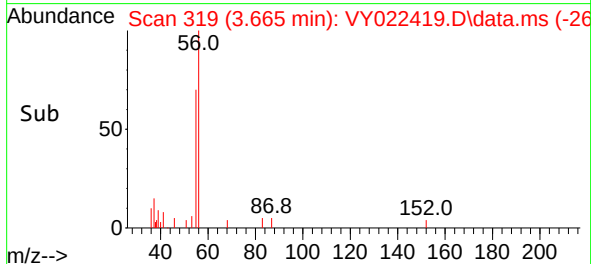
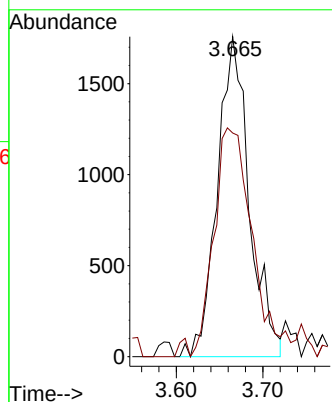
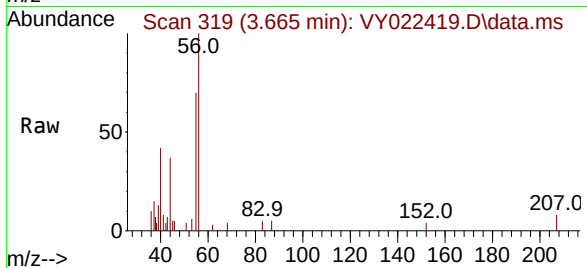




#13
Acrolein
Concen: 19.278 ug/l
RT: 3.665 min Scan# 317
Delta R.T. 0.012 min
Lab File: VY022419.D
Acq: 23 May 2025 20:20

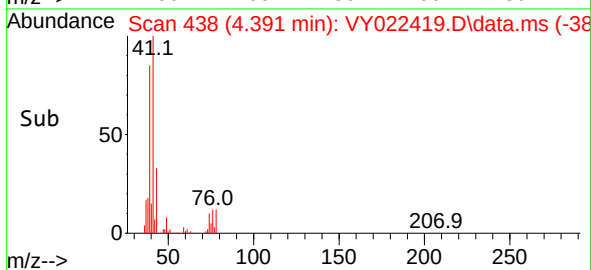
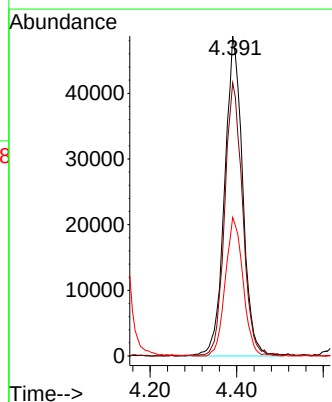
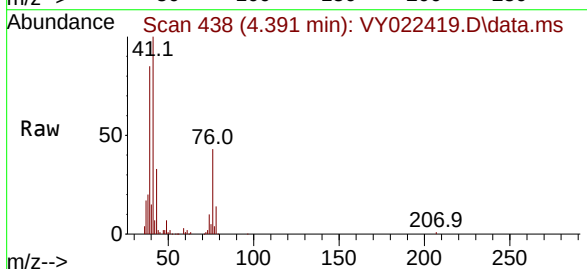
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

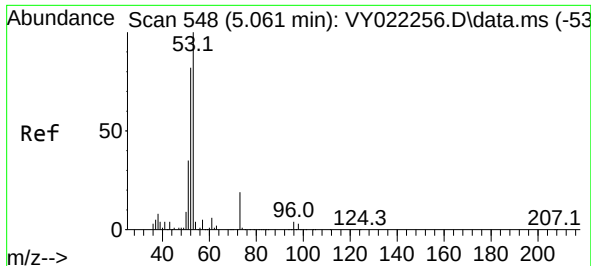
Tgt Ion: 56 Resp: 4504
Ion Ratio Lower Upper
56 100
55 85.3 55.6 83.4#



#14
Allyl chloride
Concen: 39.197 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY022419.D
Acq: 23 May 2025 20:20

Tgt Ion: 41 Resp: 140777
Ion Ratio Lower Upper
41 100
39 85.1 63.4 95.0
76 42.5 29.5 44.3

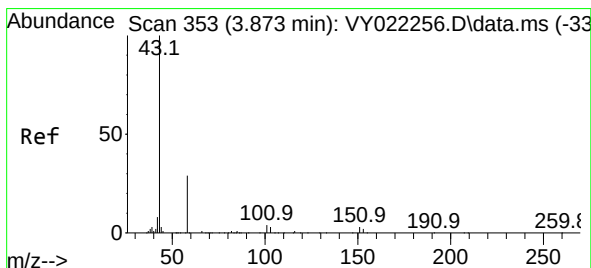
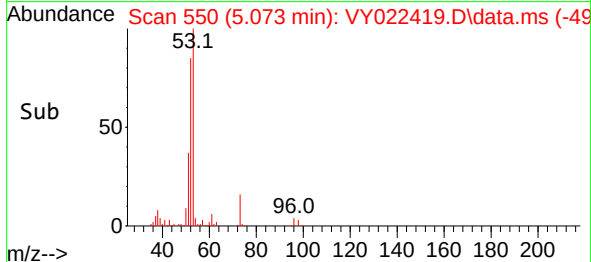
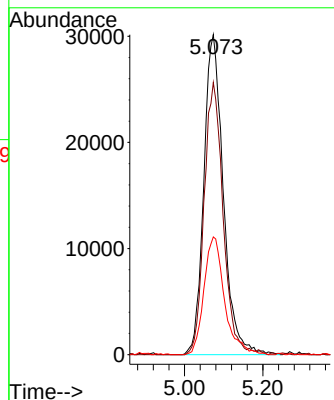
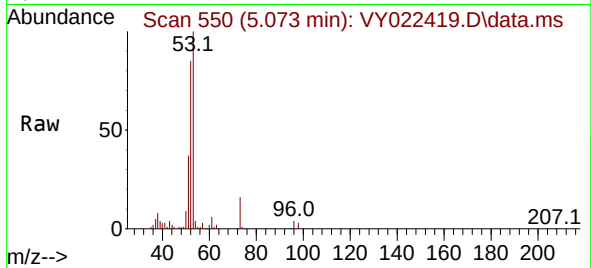




#15
Acrylonitrile
Concen: 221.651 ug/l
RT: 5.073 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY022419.D
Acq: 23 May 2025 20:20

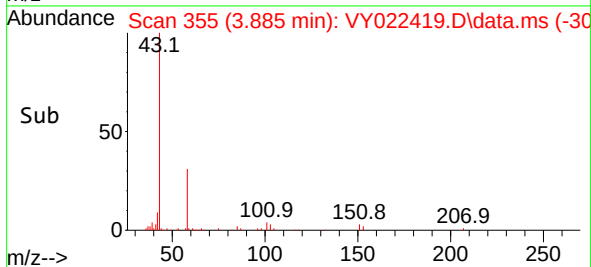
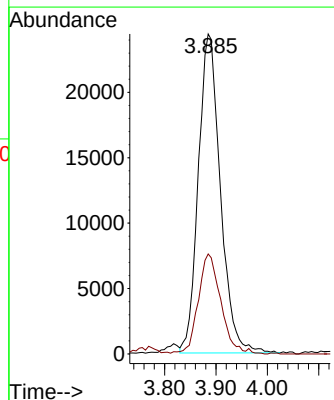
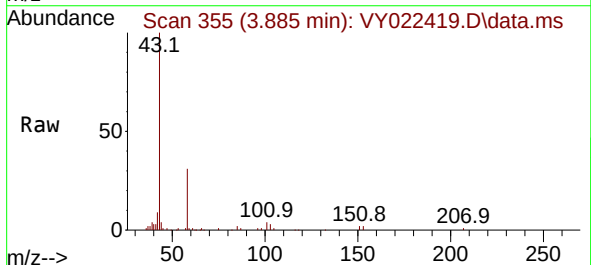
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

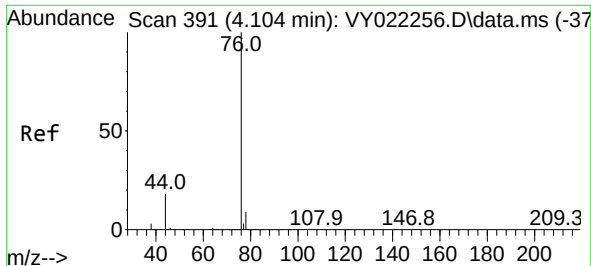
Tgt Ion: 53 Resp: 104209
Ion Ratio Lower Upper
53 100
52 82.3 66.1 99.1
51 38.9 30.0 45.0



#16
Acetone
Concen: 185.705 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.012 min
Lab File: VY022419.D
Acq: 23 May 2025 20:20

Tgt Ion: 43 Resp: 72874
Ion Ratio Lower Upper
43 100
58 31.4 23.6 35.4

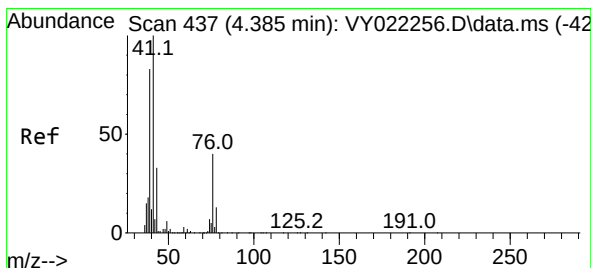
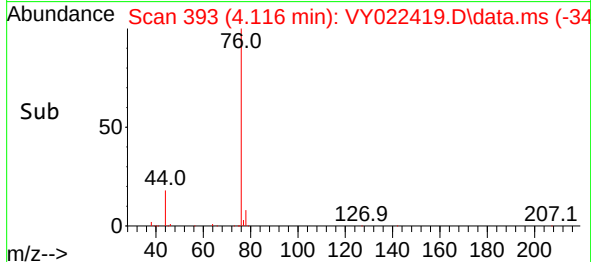
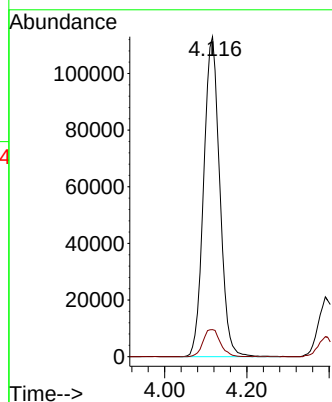
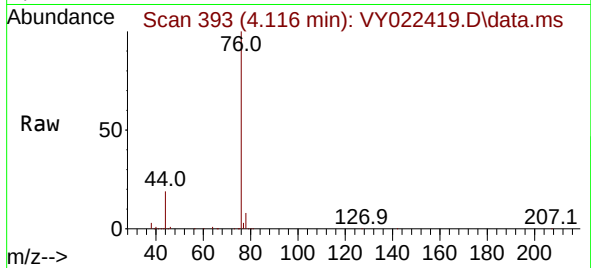




#17
Carbon Disulfide
Concen: 45.760 ug/l
RT: 4.116 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY022419.D
Acq: 23 May 2025 20:20

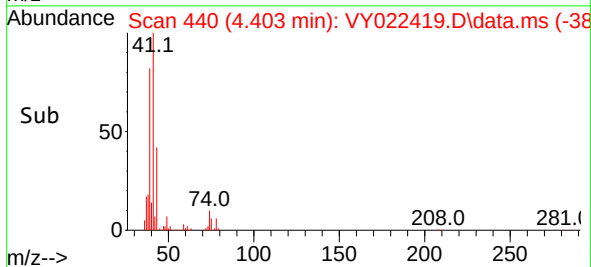
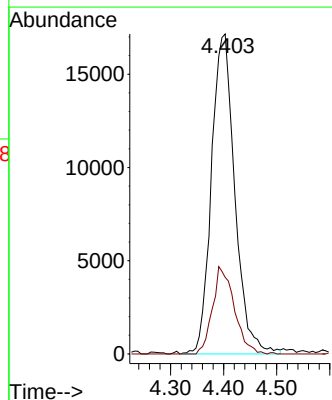
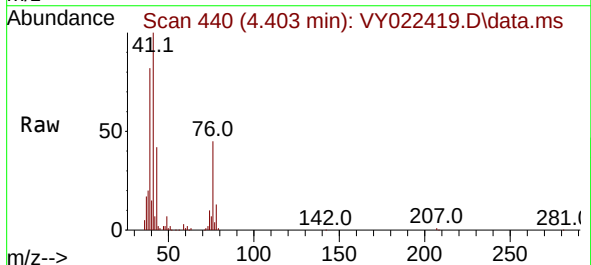
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

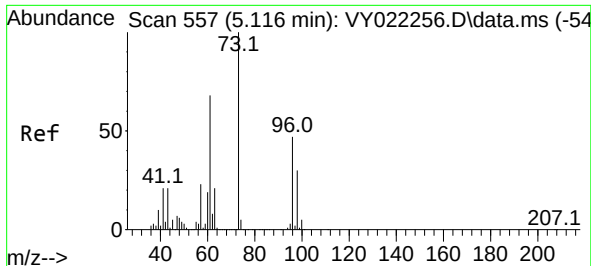
Tgt Ion: 76 Resp: 305645
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8



#18
Methyl Acetate
Concen: 42.450 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.018 min
Lab File: VY022419.D
Acq: 23 May 2025 20:20

Tgt Ion: 43 Resp: 52522
Ion Ratio Lower Upper
43 100
74 25.4 18.2 27.4

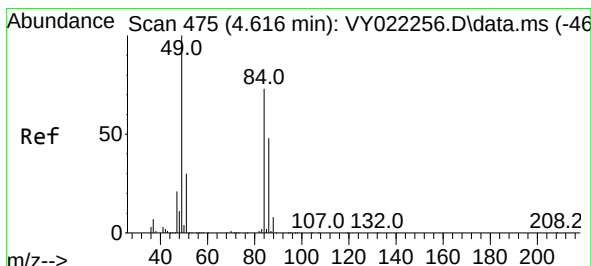
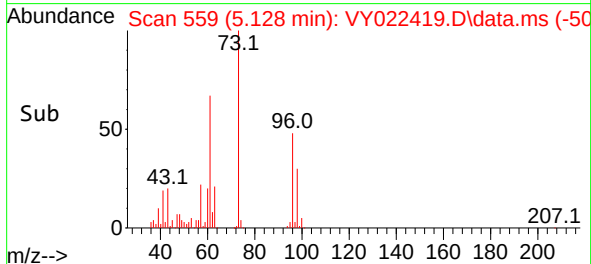
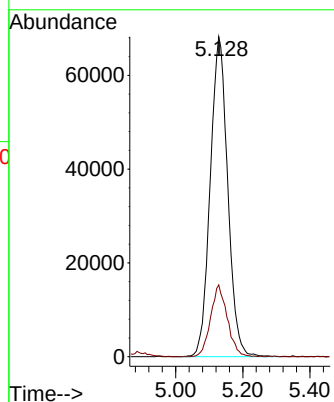
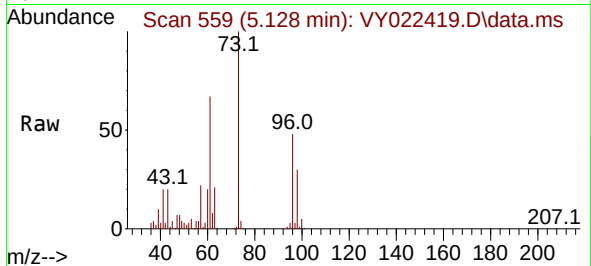




#19
Methyl tert-butyl Ether
Concen: 43.631 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY022419.D
Acq: 23 May 2025 20:20

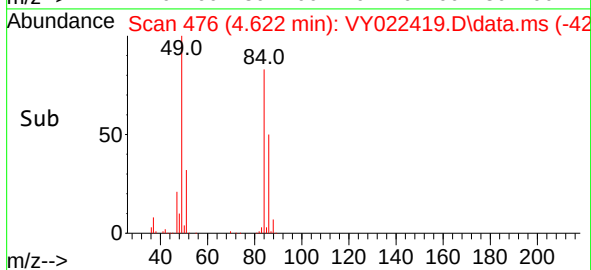
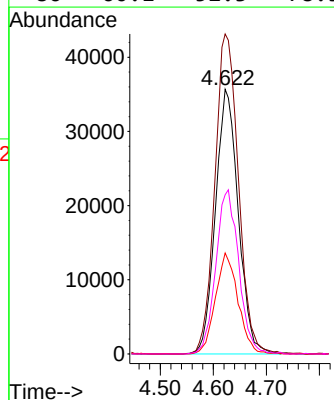
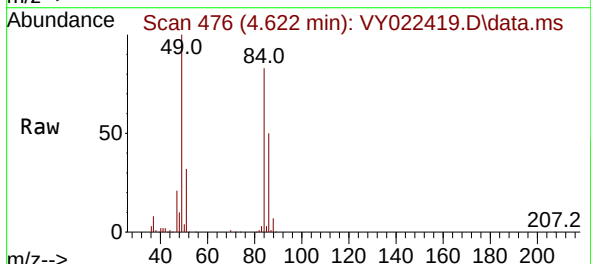
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

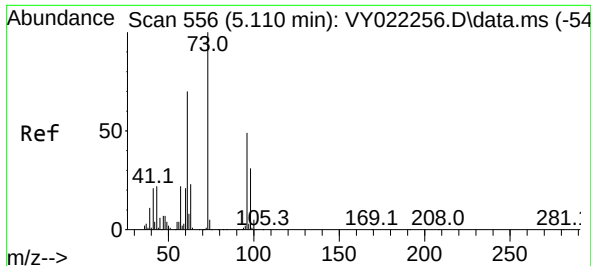
Tgt Ion: 73 Resp: 246420
Ion Ratio Lower Upper
73 100
57 22.4 18.6 28.0



#20
Methylene Chloride
Concen: 42.087 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 20:20

Tgt Ion: 84 Resp: 106718
Ion Ratio Lower Upper
84 100
49 120.9 109.6 164.4
51 38.2 32.4 48.6
86 60.1 52.3 78.5

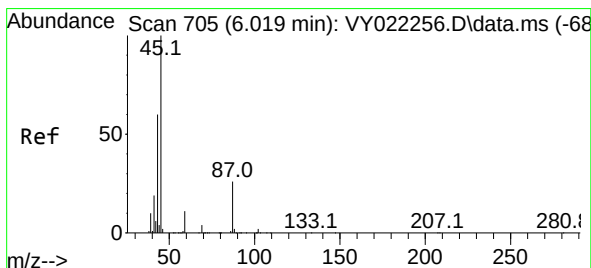
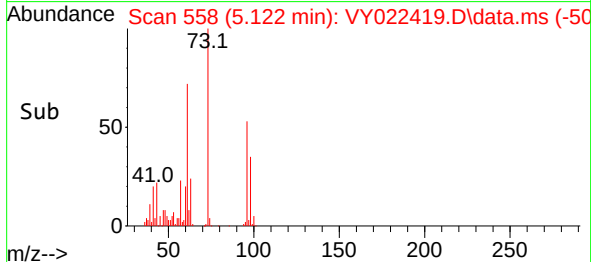
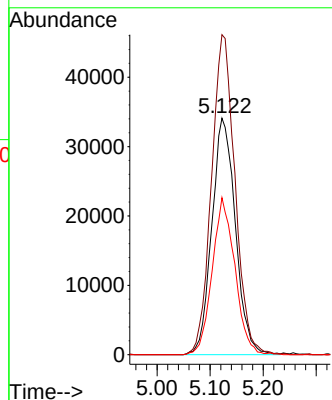
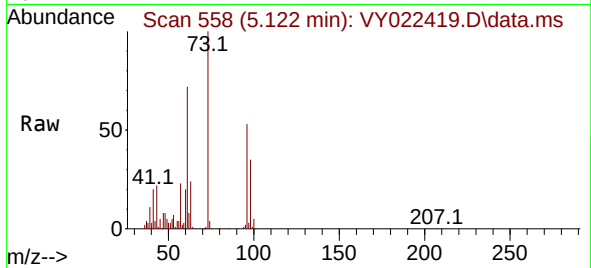




#21
trans-1,2-Dichloroethene
Concen: 46.530 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY022419.D
Acq: 23 May 2025 20:20

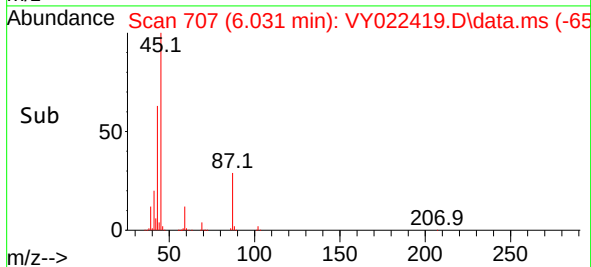
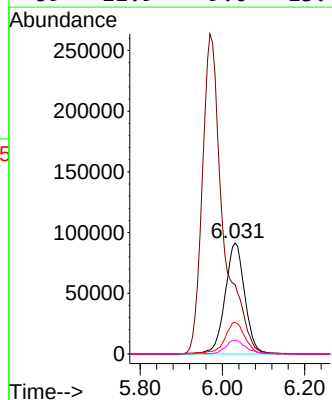
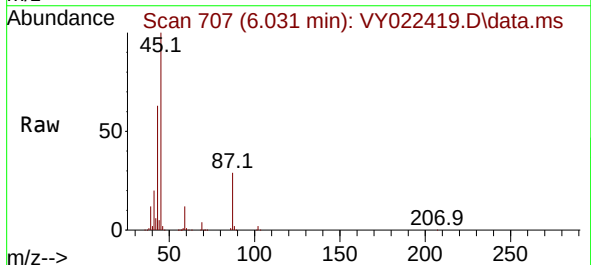
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

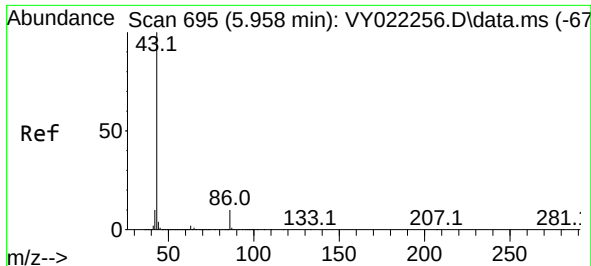
Tgt Ion: 96 Resp: 105199
Ion Ratio Lower Upper
96 100
61 135.3 113.4 170.0
98 66.3 50.9 76.3



#22
Diisopropyl ether
Concen: 40.051 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.012 min
Lab File: VY022419.D
Acq: 23 May 2025 20:20

Tgt Ion: 45 Resp: 303766
Ion Ratio Lower Upper
45 100
43 62.5 48.2 72.2
87 28.5 21.4 32.0
59 11.9 9.0 13.4

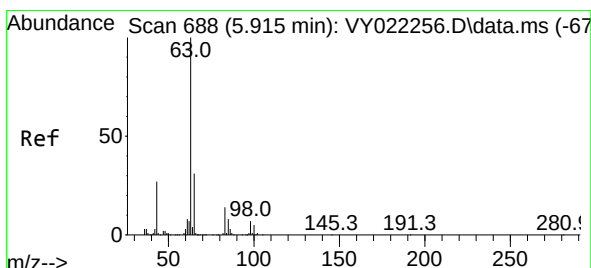
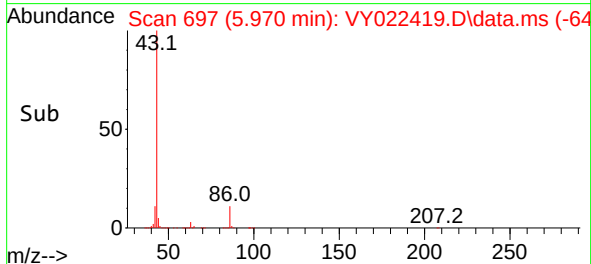
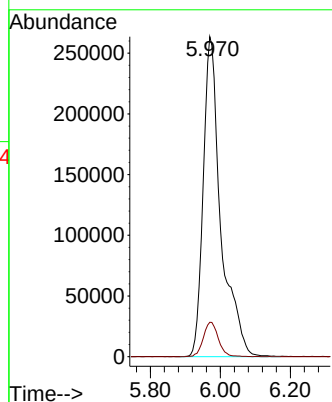
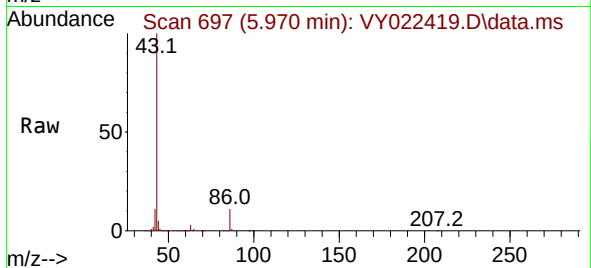




#23
 Vinyl Acetate
 Concen: 201.158 ug/l
 RT: 5.970 min Scan# 695
 Delta R.T. 0.012 min
 Lab File: VY022419.D
 Acq: 23 May 2025 20:20

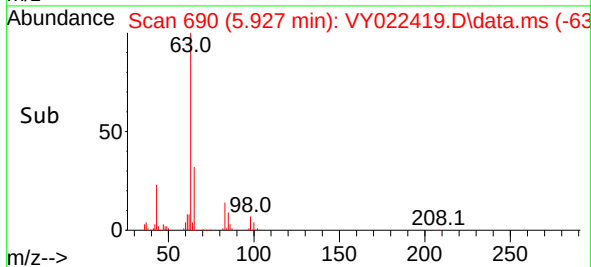
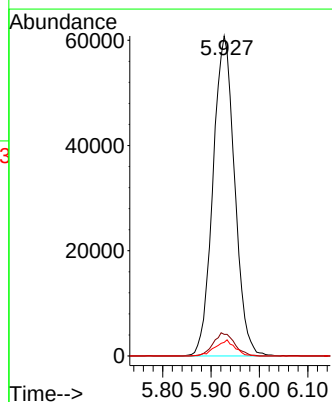
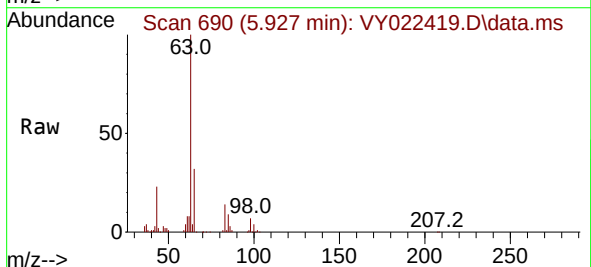
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

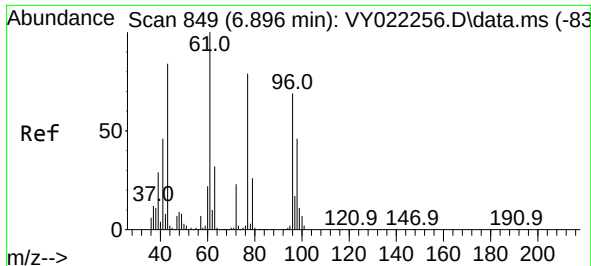
Tgt Ion: 43 Resp: 921723
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 44.752 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.012 min
 Lab File: VY022419.D
 Acq: 23 May 2025 20:20

Tgt Ion: 63 Resp: 189630
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.5
 100 4.2 2.4 7.2





#25

2-Butanone

Concen: 198.161 ug/l

RT: 6.902 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY022419.D

Acq: 23 May 2025 20:20

Instrument :

MSVOA_Y

ClientSampleId :

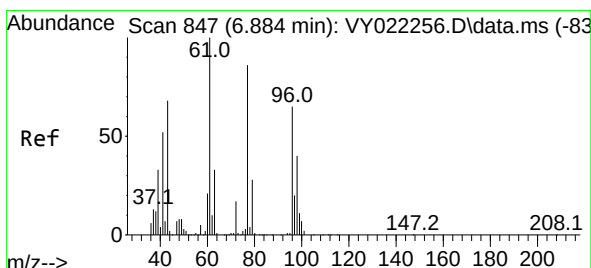
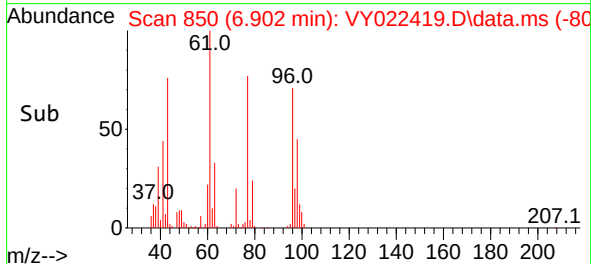
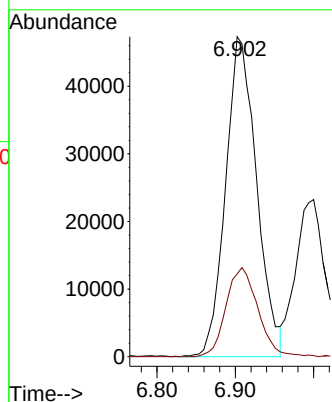
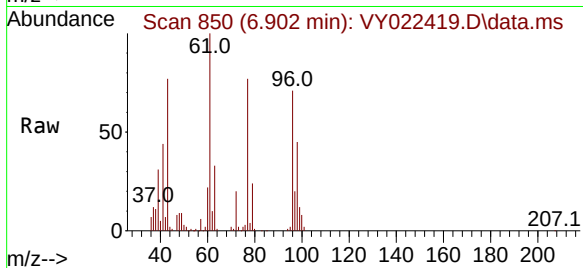
VSTDCCC050EC

Tgt Ion: 43 Resp: 130073

Ion Ratio Lower Upper

43 100

72 25.8 22.1 33.1



#26

2,2-Dichloropropane

Concen: 41.607 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY022419.D

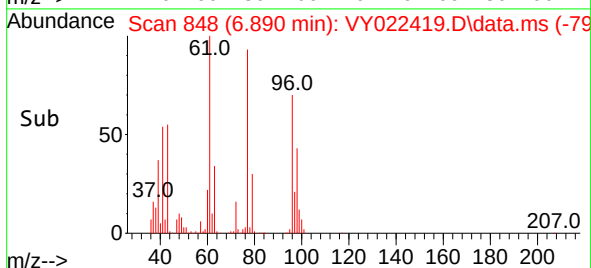
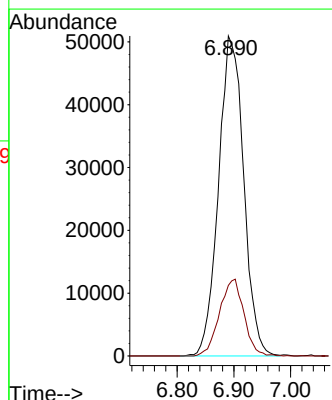
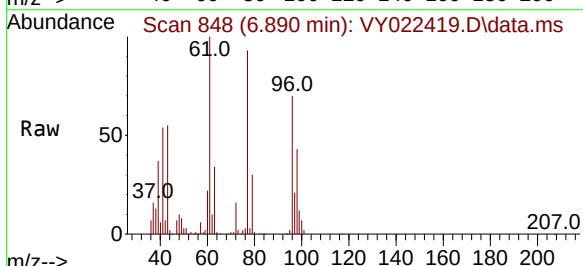
Acq: 23 May 2025 20:20

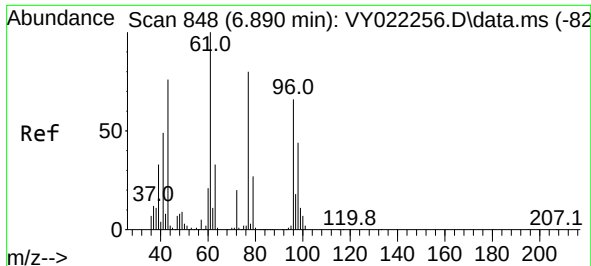
Tgt Ion: 77 Resp: 156811

Ion Ratio Lower Upper

77 100

97 23.3 11.2 33.5

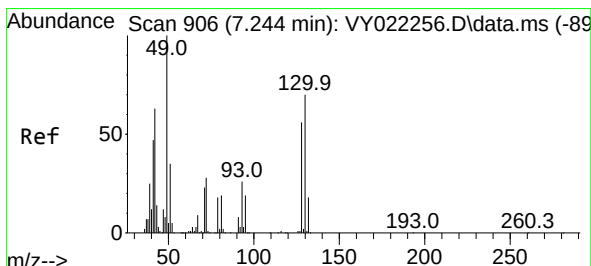
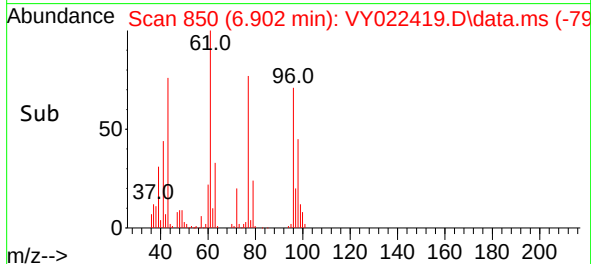
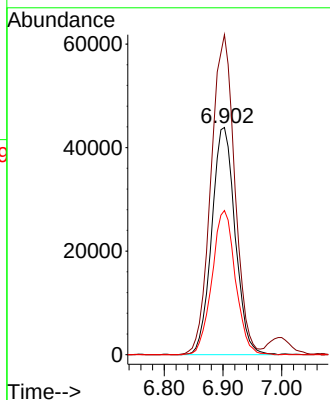
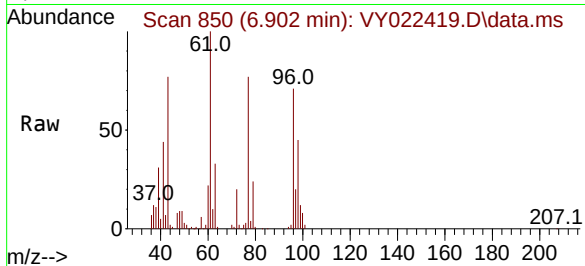




#27
 cis-1,2-Dichloroethene
 Concen: 46.584 ug/l
 RT: 6.902 min Scan# 848
 Delta R.T. 0.012 min
 Lab File: VY022419.D
 Acq: 23 May 2025 20:20

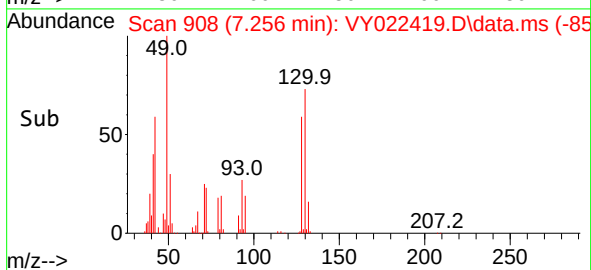
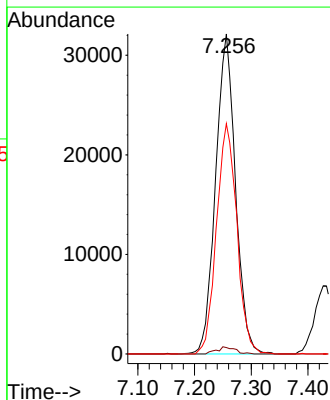
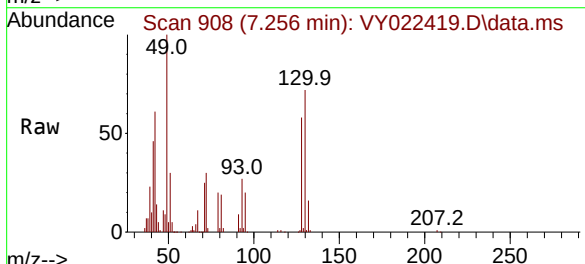
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

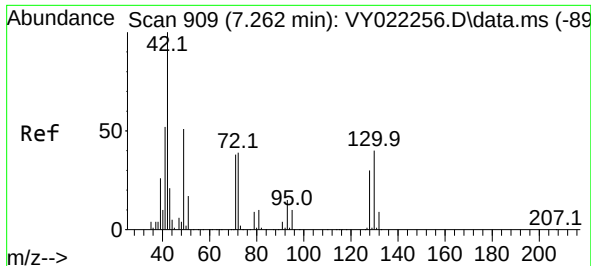
Tgt Ion: 96 Resp: 121537
 Ion Ratio Lower Upper
 96 100
 61 143.1 0.0 302.6
 98 63.4 0.0 128.8



#28
 Bromochloromethane
 Concen: 43.281 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. 0.012 min
 Lab File: VY022419.D
 Acq: 23 May 2025 20:20

Tgt Ion: 49 Resp: 78227
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.6
 130 73.7 54.7 82.1





#29

Tetrahydrofuran

Concen: 213.305 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY022419.D

Acq: 23 May 2025 20:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

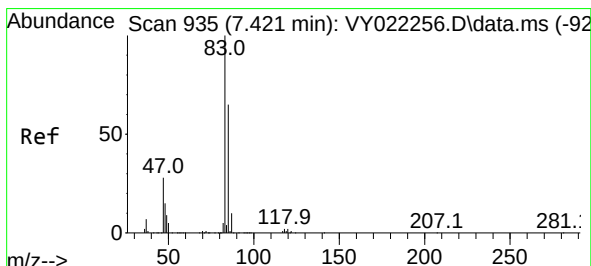
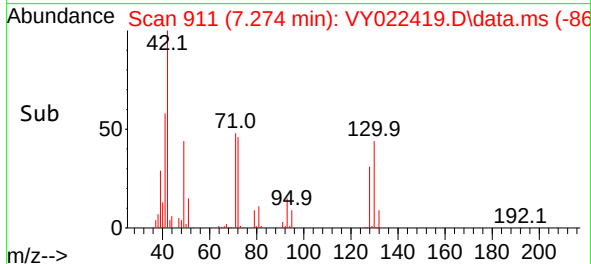
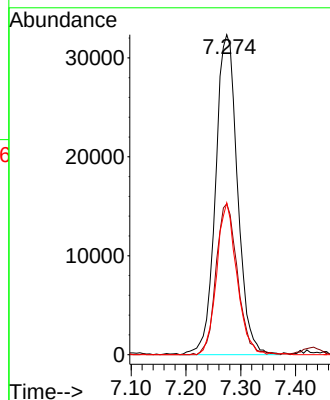
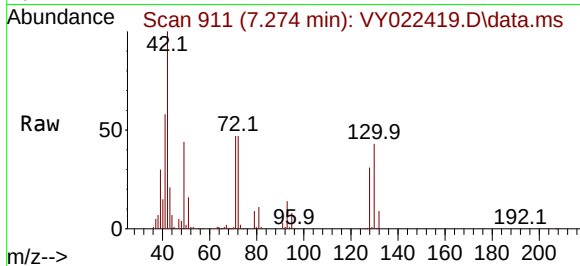
Tgt Ion: 42 Resp: 90078

Ion Ratio Lower Upper

42 100

72 46.1 33.8 50.6

71 43.4 31.5 47.3



#30

Chloroform

Concen: 46.074 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY022419.D

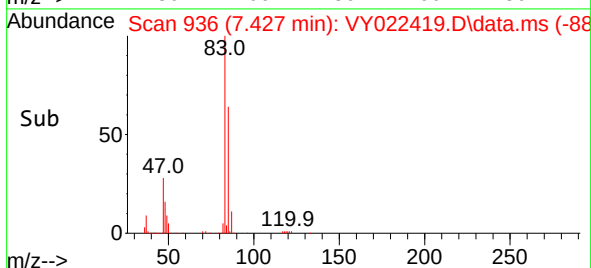
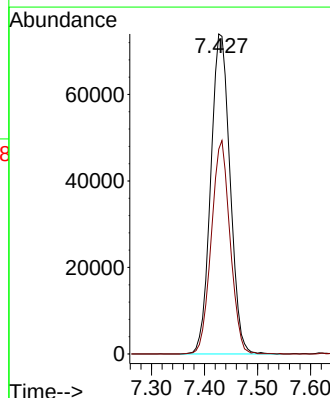
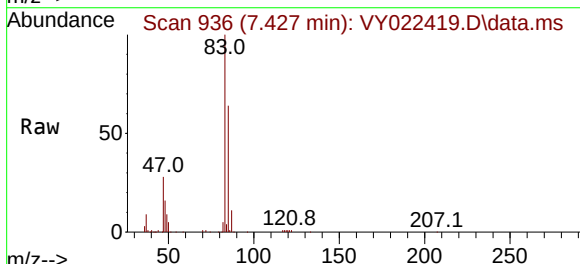
Acq: 23 May 2025 20:20

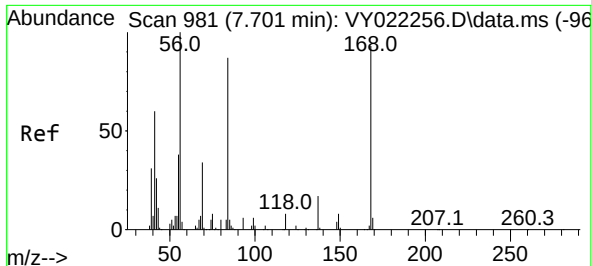
Tgt Ion: 83 Resp: 187262

Ion Ratio Lower Upper

83 100

85 64.0 51.8 77.8

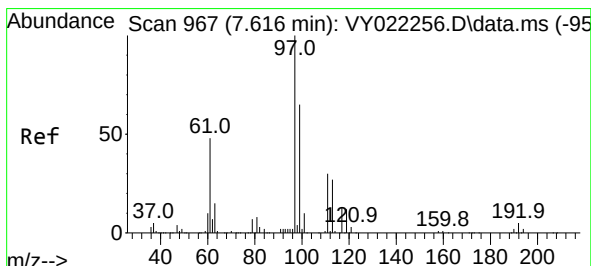
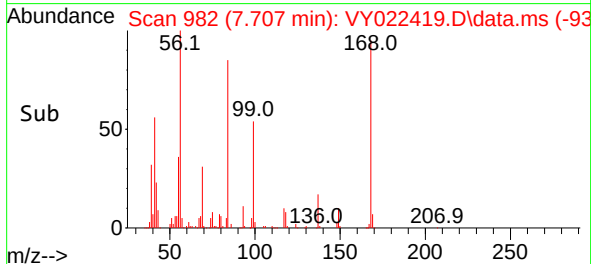
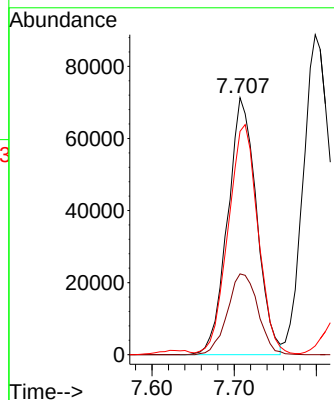
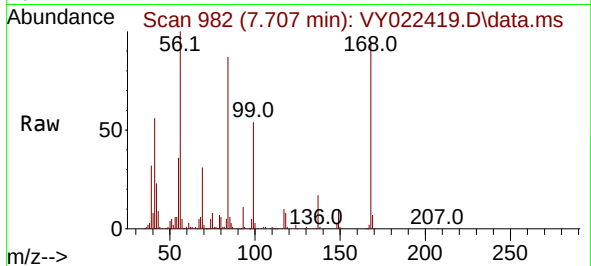




#31
Cyclohexane
Concen: 41.170 ug/l
RT: 7.707 min Scan# 918
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 20:20

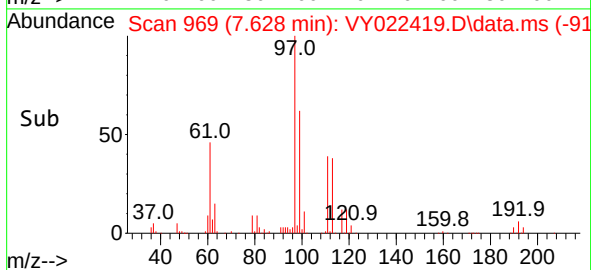
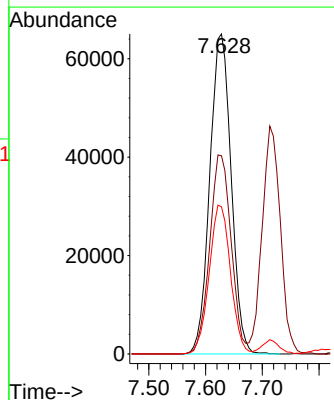
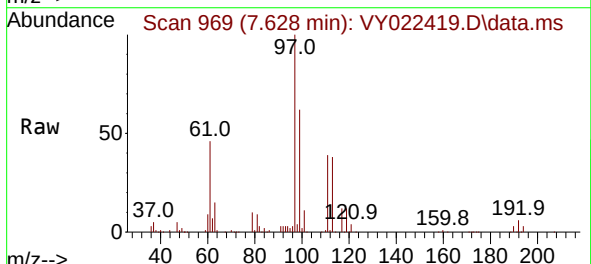
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

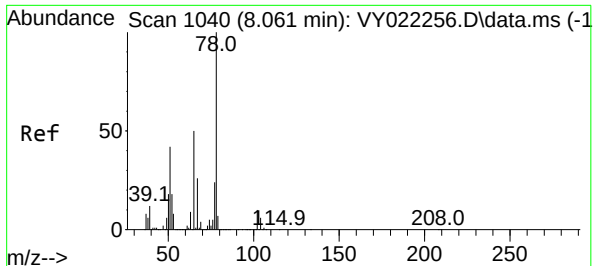
Tgt Ion: 56 Resp: 174300
Ion Ratio Lower Upper
56 100
69 31.4 27.4 41.2
84 85.4 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 45.640 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY022419.D
Acq: 23 May 2025 20:20

Tgt Ion: 97 Resp: 170185
Ion Ratio Lower Upper
97 100
99 62.6 51.4 77.0
61 46.6 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 45.542 ug/l

RT: 8.067 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY022419.D

Acq: 23 May 2025 20:20

Instrument :

MSVOA_Y

ClientSampleId :

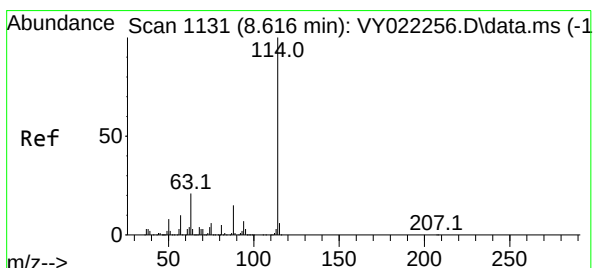
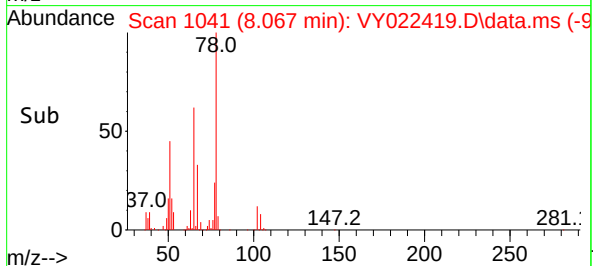
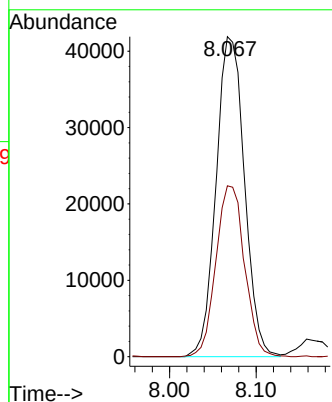
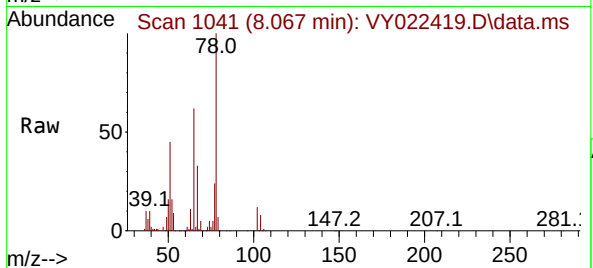
VSTDCCC050EC

Tgt Ion: 65 Resp: 95312

Ion Ratio Lower Upper

65 100

67 53.9 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY022419.D

Acq: 23 May 2025 20:20

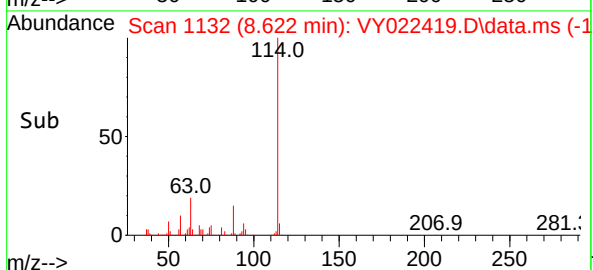
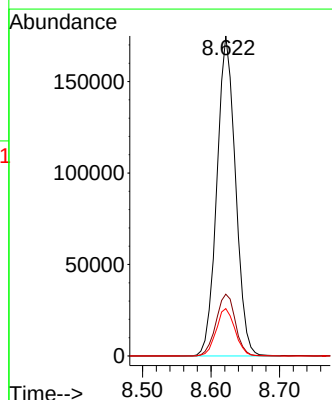
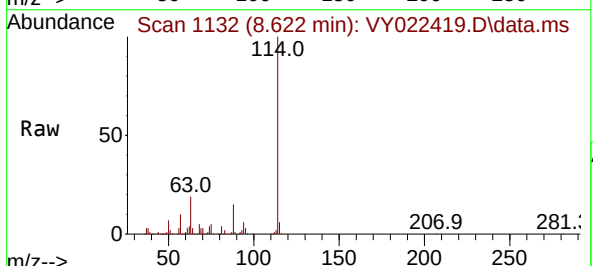
Tgt Ion: 114 Resp: 329252

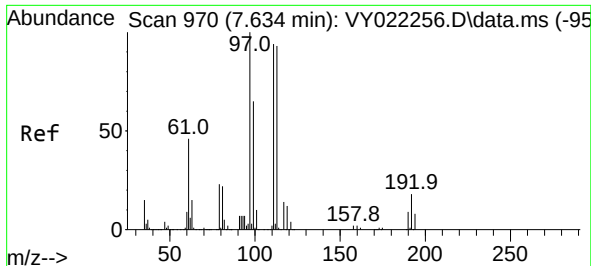
Ion Ratio Lower Upper

114 100

63 19.3 0.0 41.0

88 14.8 0.0 29.4





#35

Dibromofluoromethane

Concen: 47.819 ug/l

RT: 7.646 min Scan# 91

Delta R.T. 0.012 min

Lab File: VY022419.D

Acq: 23 May 2025 20:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

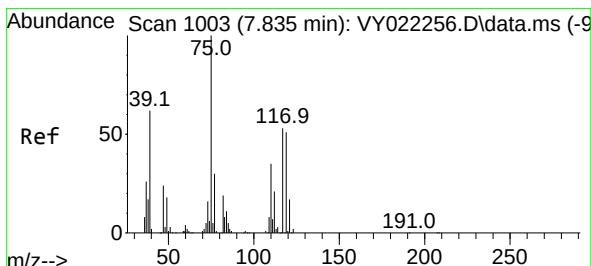
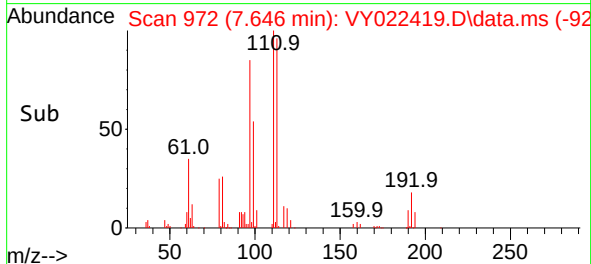
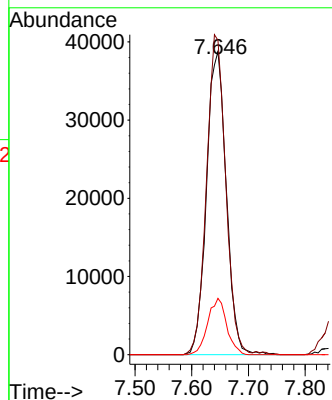
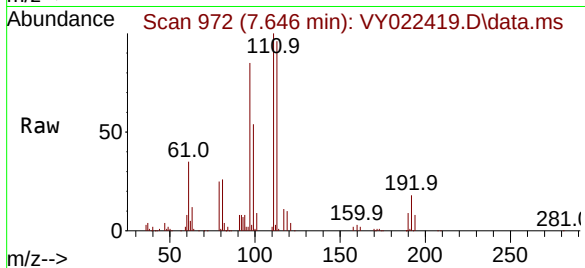
Tgt Ion:113 Resp: 93973

Ion Ratio Lower Upper

113 100

111 102.2 82.6 123.8

192 17.9 15.2 22.8



#36

1,1-Dichloropropene

Concen: 43.362 ug/l

RT: 7.847 min Scan# 1005

Delta R.T. 0.012 min

Lab File: VY022419.D

Acq: 23 May 2025 20:20

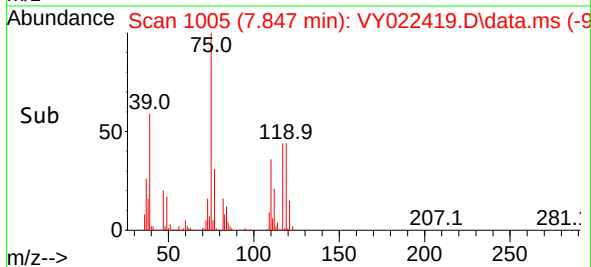
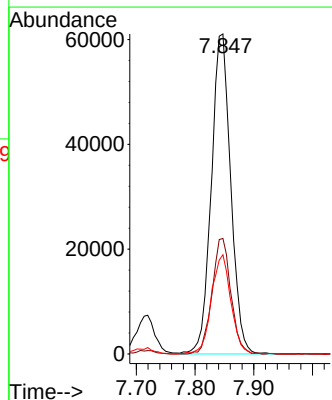
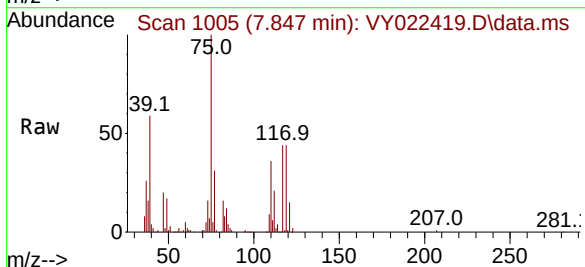
Tgt Ion: 75 Resp: 140355

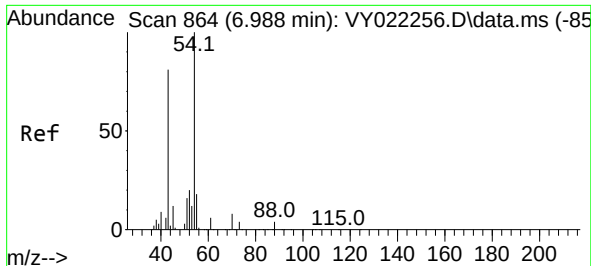
Ion Ratio Lower Upper

75 100

110 35.0 16.6 49.8

77 31.2 24.6 37.0





#37

Ethyl Acetate

Concen: 40.379 ug/l

RT: 7.000 min Scan# 80

Delta R.T. 0.012 min

Lab File: VY022419.D

Acq: 23 May 2025 20:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

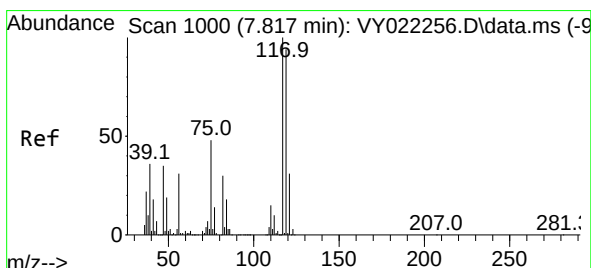
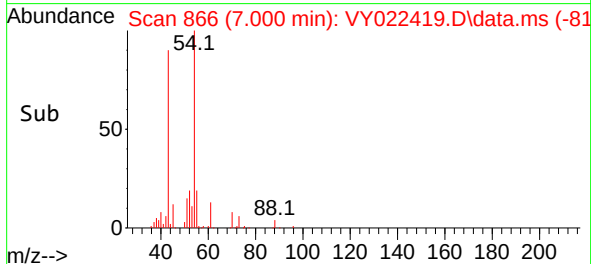
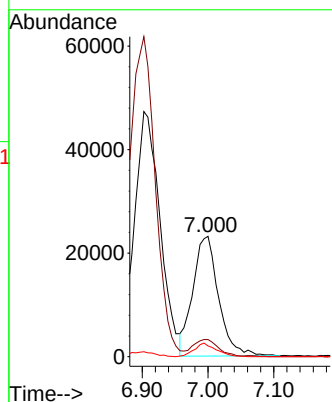
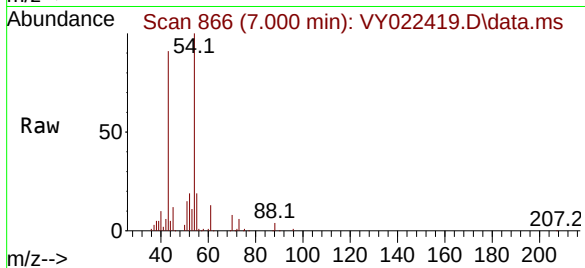
Tgt Ion: 43 Resp: 62887

Ion Ratio Lower Upper

43 100

61 13.5 10.2 15.2

70 9.7 7.6 11.4



#38

Carbon Tetrachloride

Concen: 44.228 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.012 min

Lab File: VY022419.D

Acq: 23 May 2025 20:20

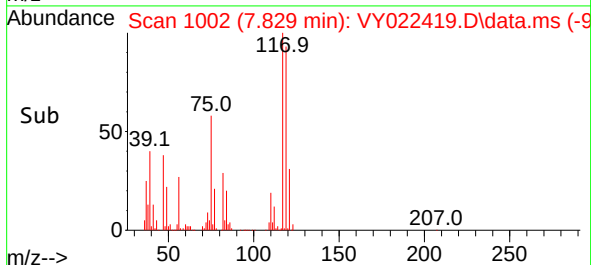
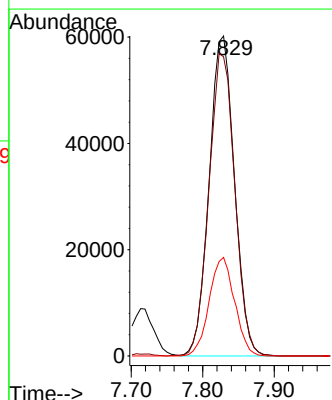
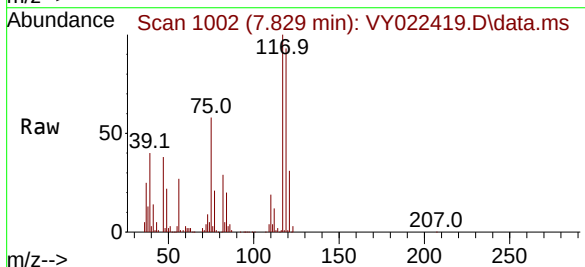
Tgt Ion: 117 Resp: 148187

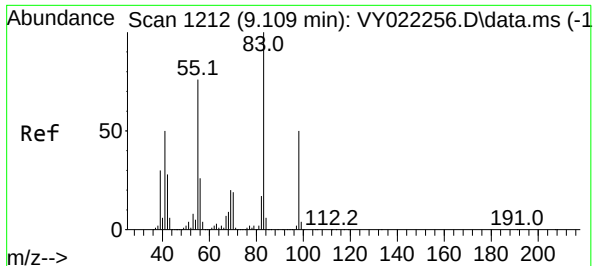
Ion Ratio Lower Upper

117 100

119 93.5 75.3 112.9

121 30.8 24.7 37.1





#39

Methylcyclohexane

Concen: 44.025 ug/l

RT: 9.115 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022419.D

Acq: 23 May 2025 20:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

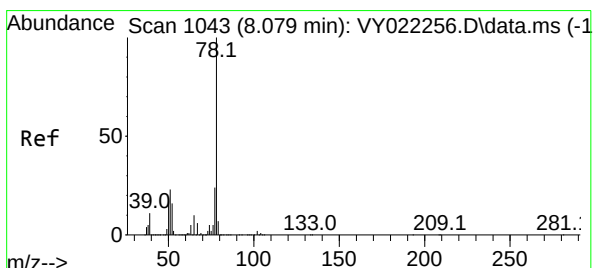
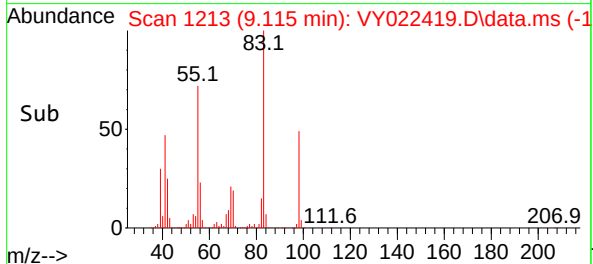
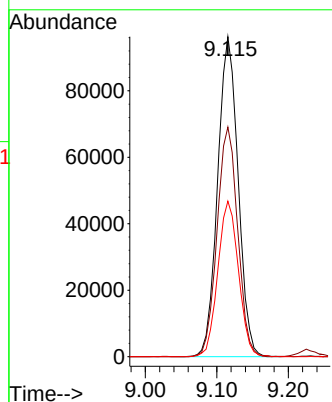
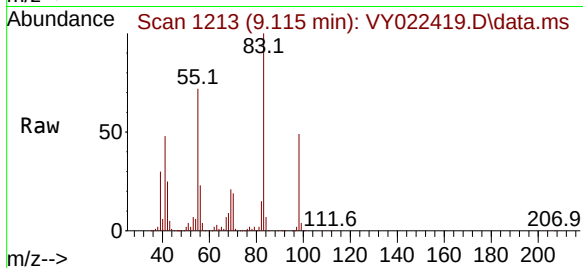
Tgt Ion: 83 Resp: 191450

Ion Ratio Lower Upper

83 100

55 71.8 60.6 90.8

98 48.6 40.0 60.0



#40

Benzene

Concen: 45.061 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.012 min

Lab File: VY022419.D

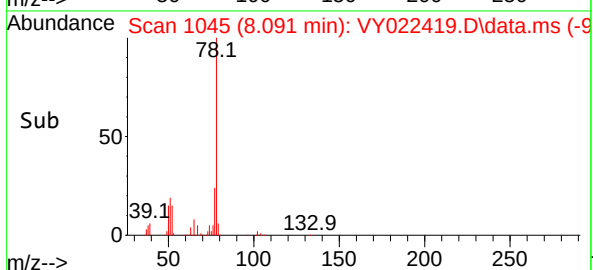
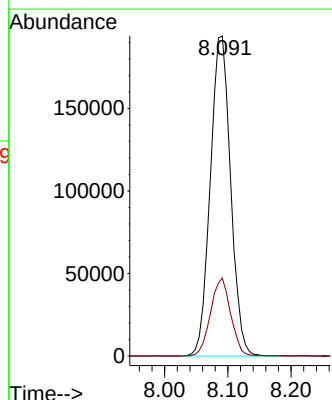
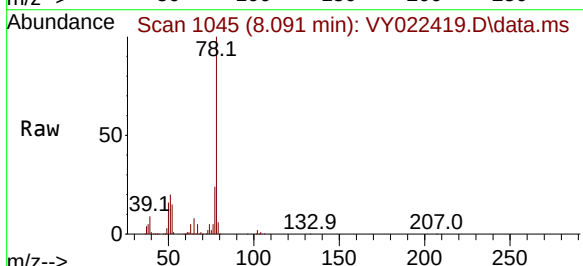
Acq: 23 May 2025 20:20

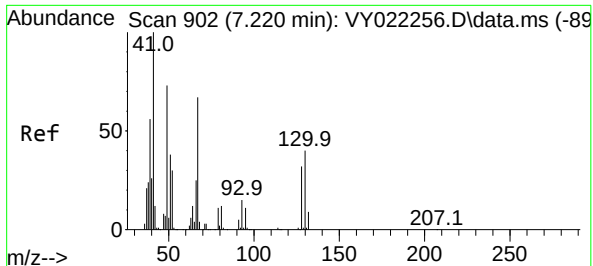
Tgt Ion: 78 Resp: 432393

Ion Ratio Lower Upper

78 100

77 24.3 18.9 28.3

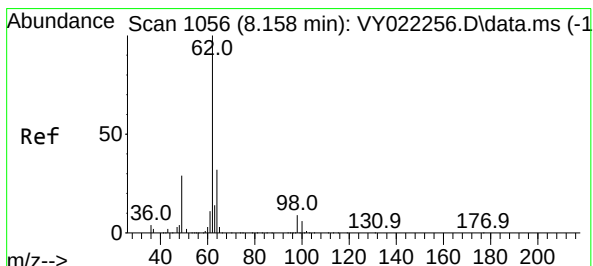
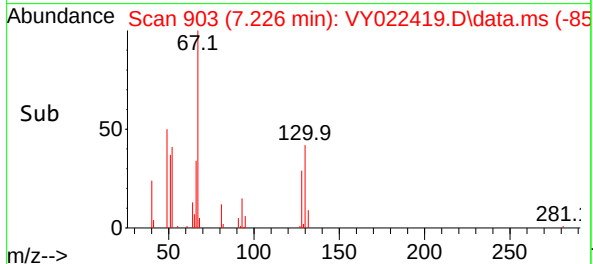
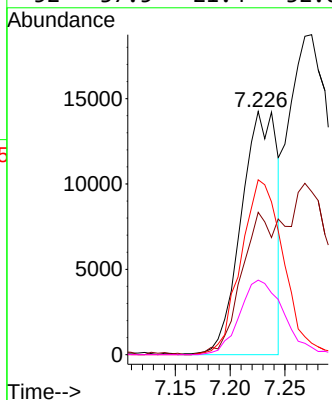
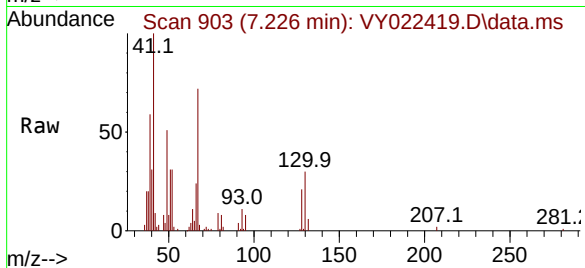




#41
Methacrylonitrile
Concen: 31.533 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 20:20

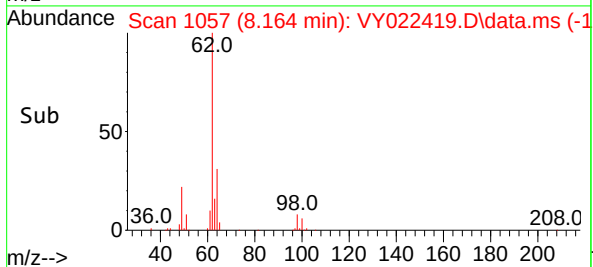
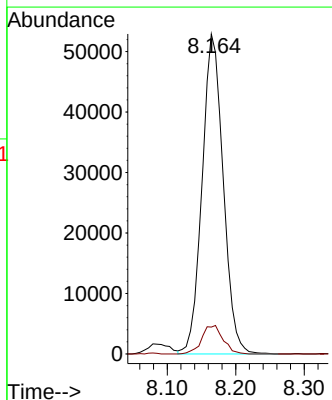
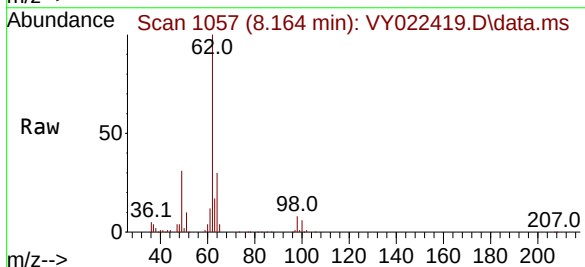
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

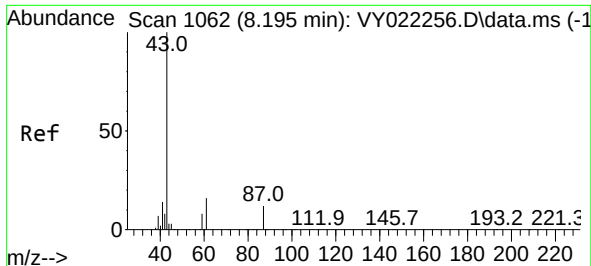
Tgt Ion:	41	Resp:	32577
Ion	Ratio	Lower	Upper
41	100		
39	48.9	39.1	58.7
67	85.2	47.1	70.7#
52	37.5	21.4	32.0#



#42
1,2-Dichloroethane
Concen: 43.705 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 20:20

Tgt Ion:	62	Resp:	113412
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.4

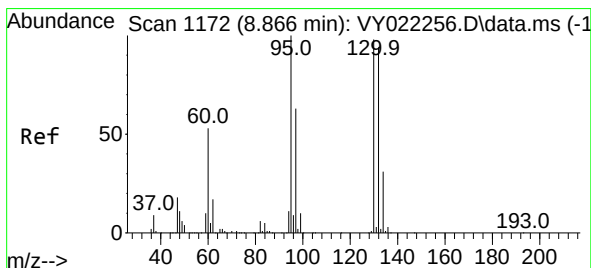
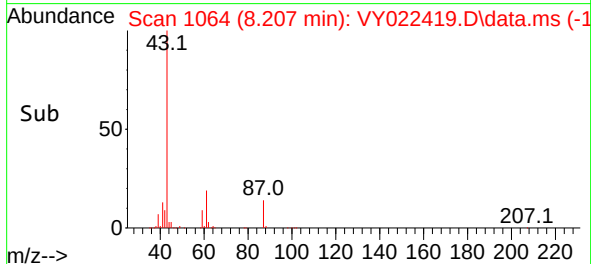
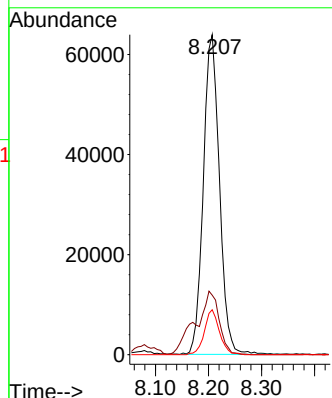
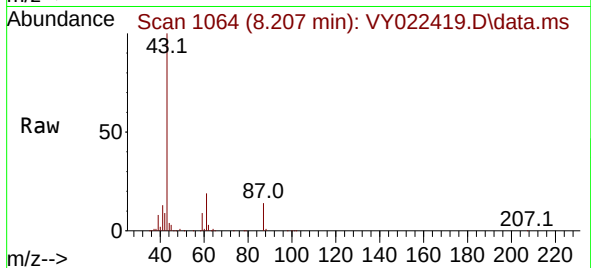




#43
Isopropyl Acetate
Concen: 39.739 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. 0.012 min
Lab File: VY022419.D
Acq: 23 May 2025 20:20

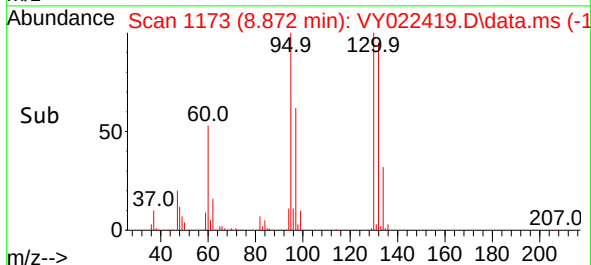
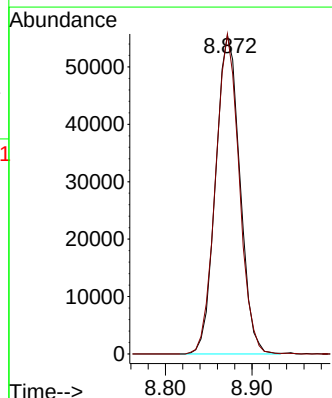
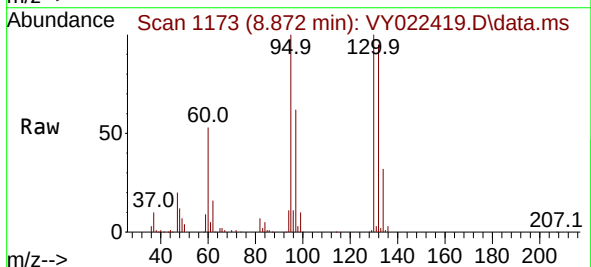
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

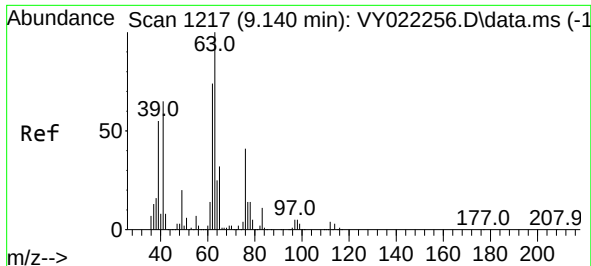
Tgt Ion: 43 Resp: 134975
Ion Ratio Lower Upper
43 100
61 19.0 15.1 22.7
87 13.1 9.7 14.5



#44
Trichloroethene
Concen: 45.155 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 20:20

Tgt Ion:130 Resp: 107737
Ion Ratio Lower Upper
130 100
95 100.5 0.0 204.8





#45

1,2-Dichloropropane

Concen: 42.735 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.012 min

Lab File: VY022419.D

Acq: 23 May 2025 20:20

Instrument :

MSVOA_Y

ClientSampleId :

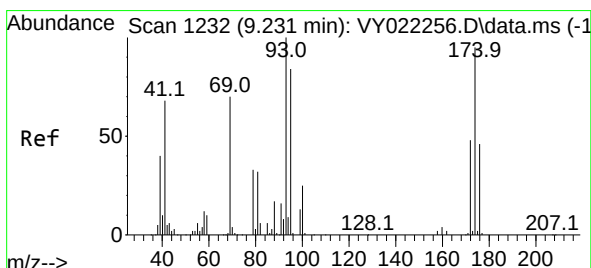
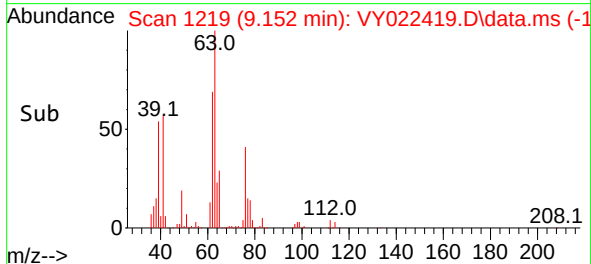
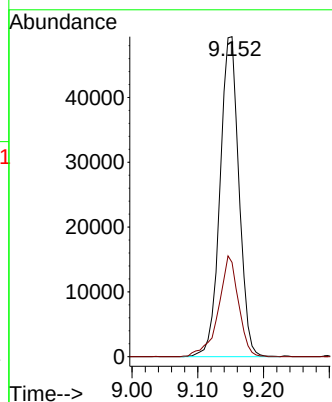
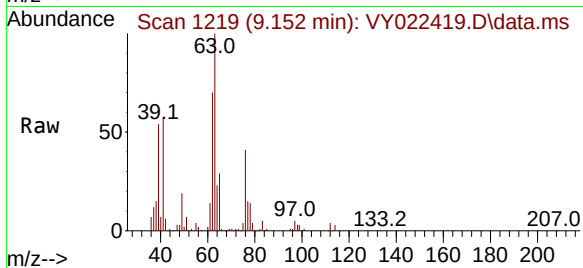
VSTDCCC050EC

Tgt Ion: 63 Resp: 98865

Ion Ratio Lower Upper

63 100

65 29.5 25.7 38.5



#46

Dibromomethane

Concen: 44.767 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY022419.D

Acq: 23 May 2025 20:20

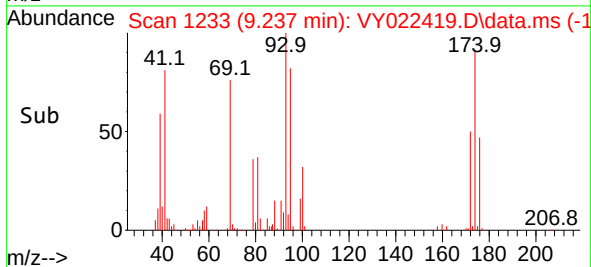
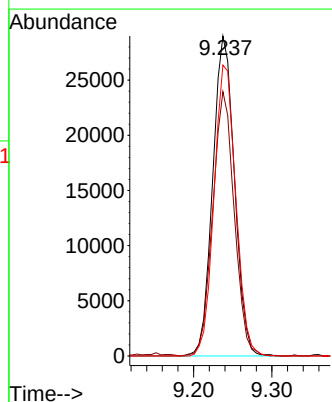
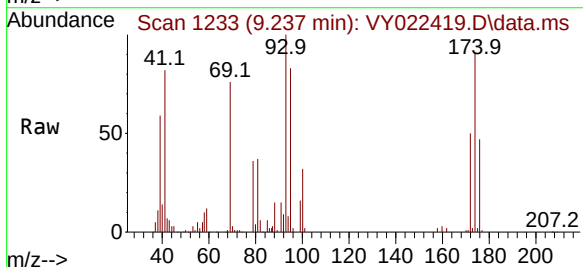
Tgt Ion: 93 Resp: 55859

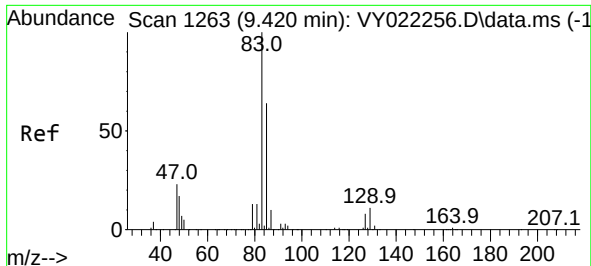
Ion Ratio Lower Upper

93 100

95 82.0 65.2 97.8

174 91.1 74.3 111.5

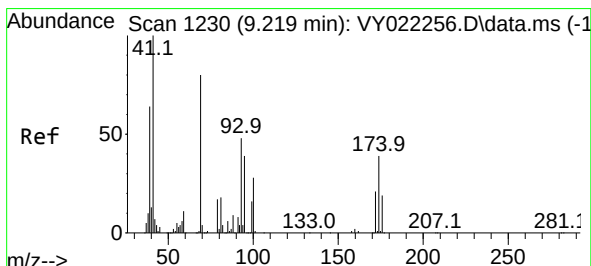
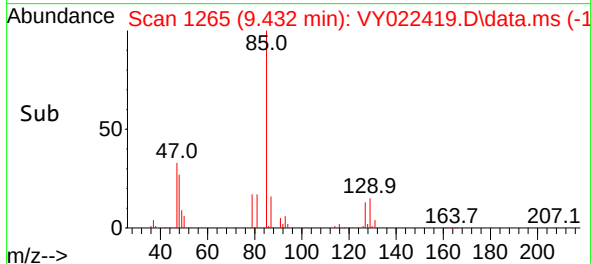
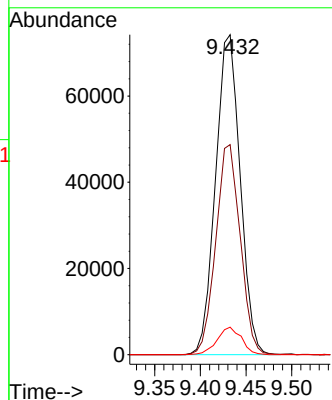
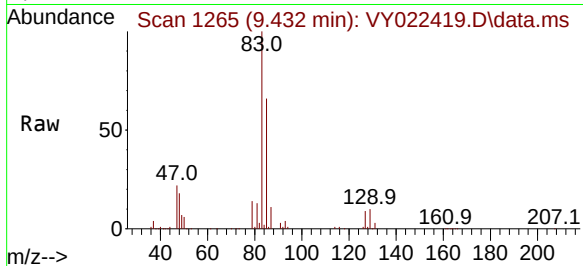




#47
Bromodichloromethane
Concen: 43.026 ug/l
RT: 9.432 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY022419.D
Acq: 23 May 2025 20:20

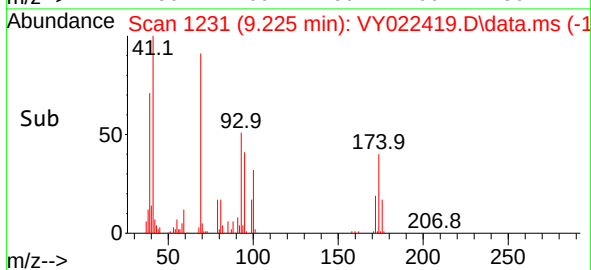
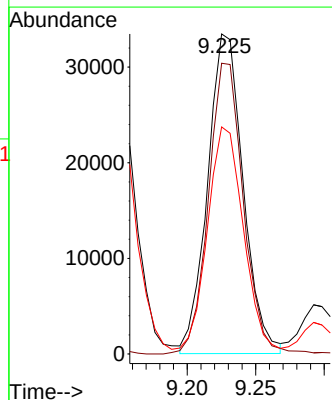
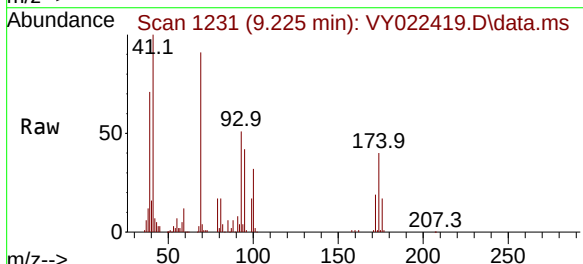
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

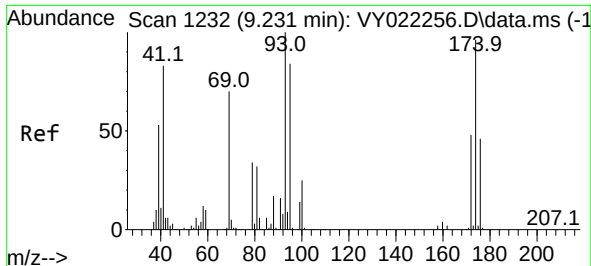
Tgt Ion: 83 Resp: 139278
Ion Ratio Lower Upper
83 100
85 65.6 51.1 76.7
127 8.6 6.6 10.0



#48
Methyl methacrylate
Concen: 38.003 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 20:20

Tgt Ion: 41 Resp: 60364
Ion Ratio Lower Upper
41 100
69 89.5 63.5 95.3
39 69.5 50.8 76.2

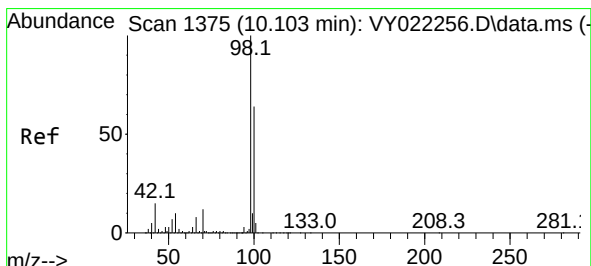
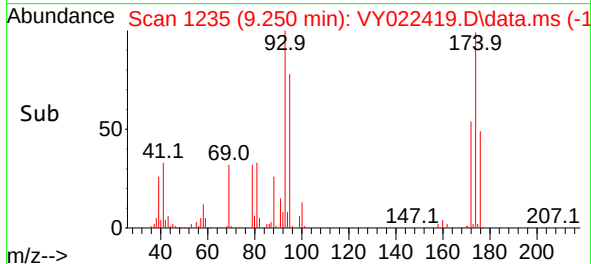
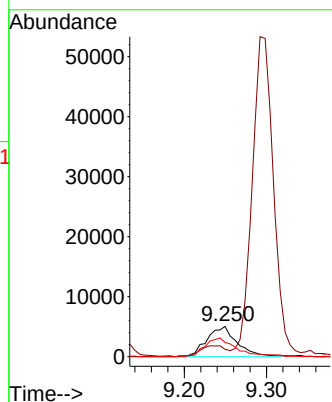
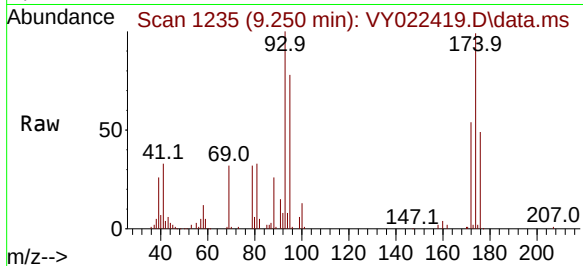




#49
1,4-Dioxane
Concen: 906.702 ug/l
RT: 9.250 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY022419.D
Acq: 23 May 2025 20:20

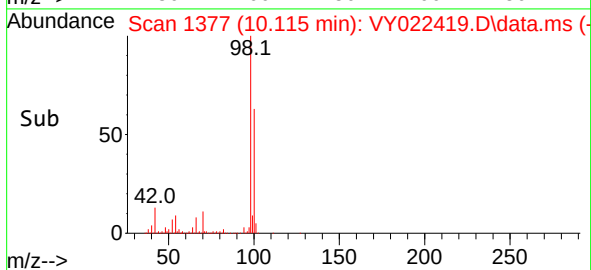
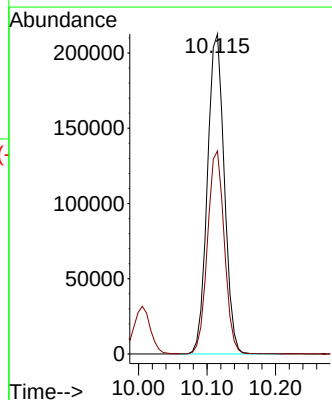
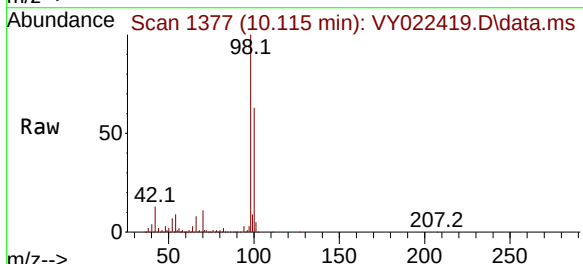
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

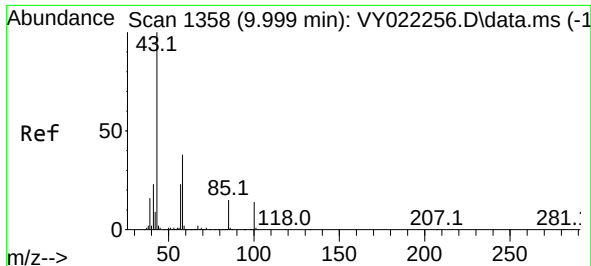
Tgt Ion: 88 Resp: 12781
Ion Ratio Lower Upper
88 100
43 32.3 28.5 42.7
58 65.9 61.4 92.2



#50
Toluene-d8
Concen: 45.229 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.012 min
Lab File: VY022419.D
Acq: 23 May 2025 20:20

Tgt Ion: 98 Resp: 364028
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.8

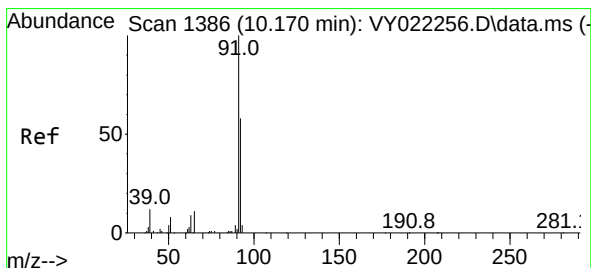
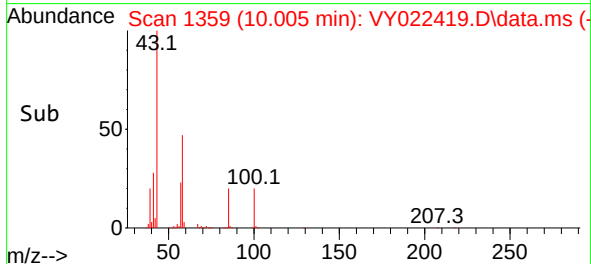
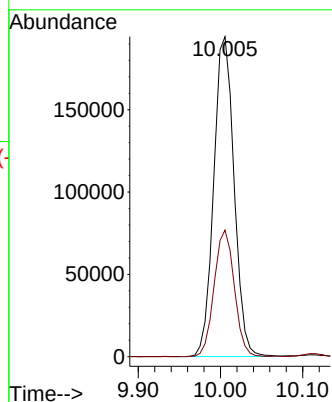
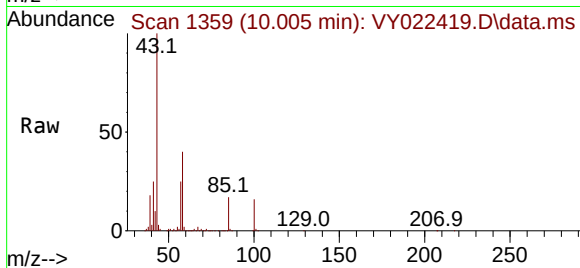




#51
4-Methyl-2-Pentanone
Concen: 200.859 ug/l
RT: 10.005 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 20:20

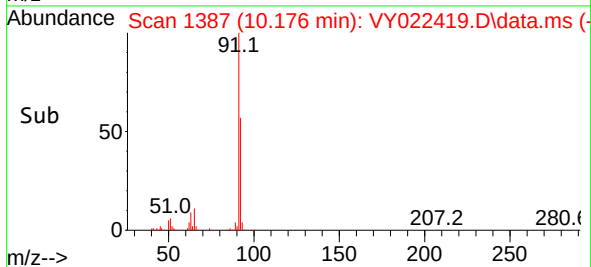
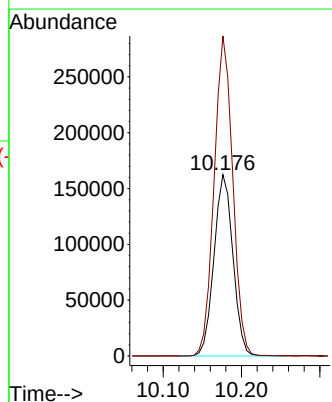
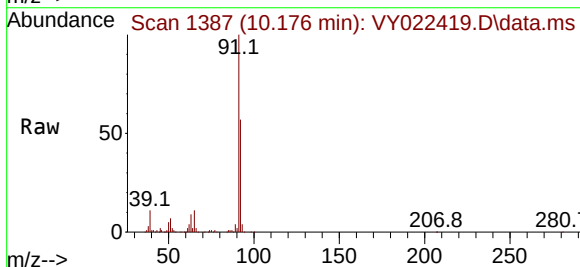
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

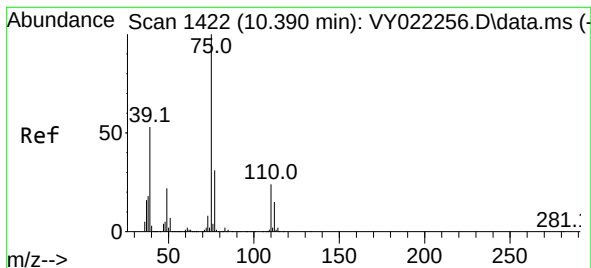
Tgt Ion: 43 Resp: 334749
Ion Ratio Lower Upper
43 100
58 39.2 29.4 44.2



#52
Toluene
Concen: 44.845 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 20:20

Tgt Ion: 92 Resp: 272492
Ion Ratio Lower Upper
92 100
91 173.9 139.1 208.7

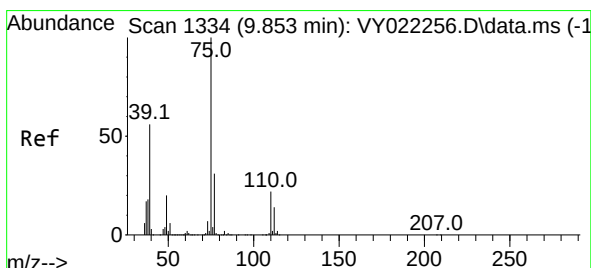
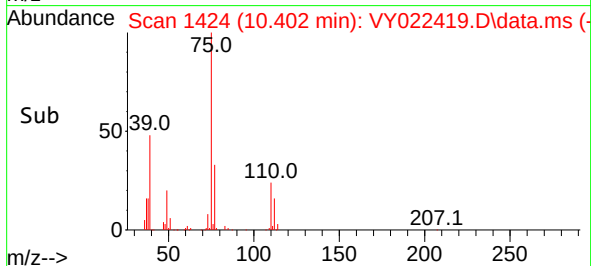
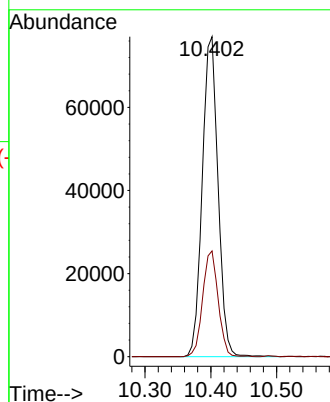
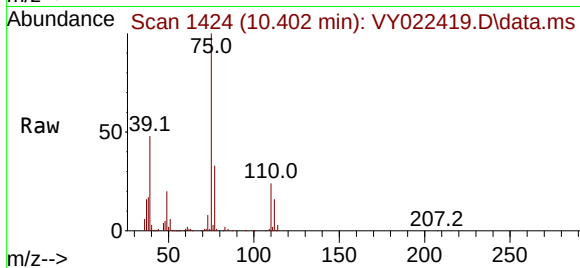




#53
t-1,3-Dichloropropene
Concen: 40.639 ug/l
RT: 10.402 min Scan# 1422
Delta R.T. 0.012 min
Lab File: VY022419.D
Acq: 23 May 2025 20:20

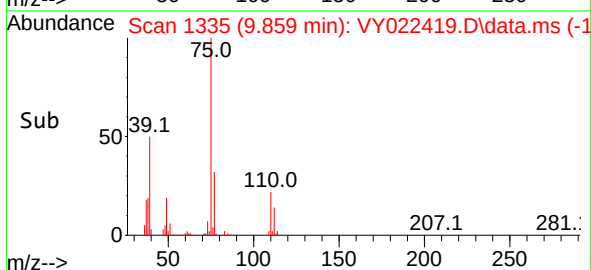
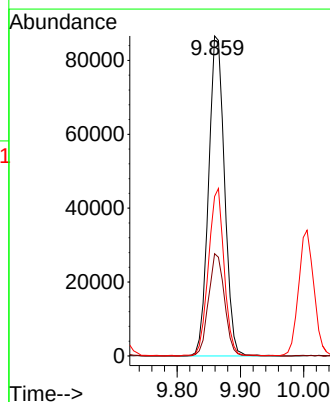
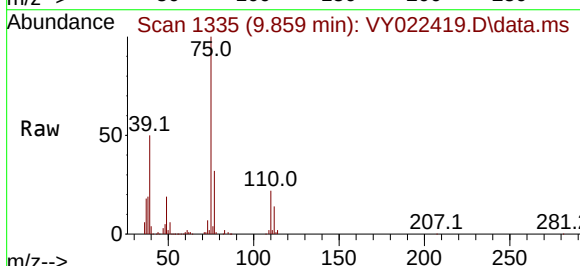
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

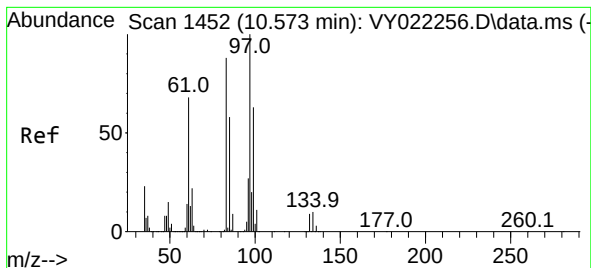
Tgt Ion: 75 Resp: 128381
Ion Ratio Lower Upper
75 100
77 33.1 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 42.002 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 20:20

Tgt Ion: 75 Resp: 152020
Ion Ratio Lower Upper
75 100
77 32.0 25.1 37.7
39 49.8 44.5 66.7





#55

1,1,2-Trichloroethane

Concen: 43.910 ug/l

RT: 10.579 min Scan# 1452

Delta R.T. 0.006 min

Lab File: VY022419.D

Acq: 23 May 2025 20:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 70160

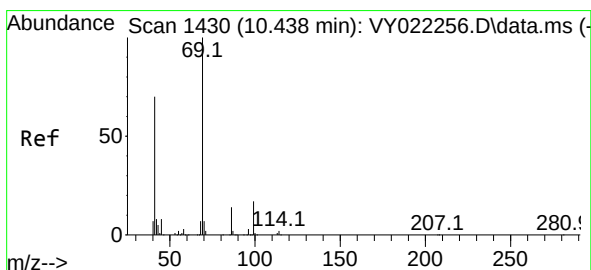
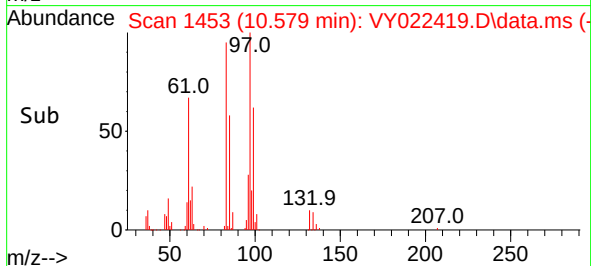
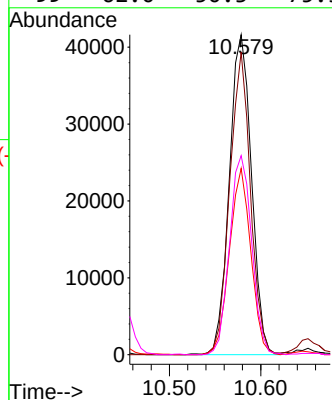
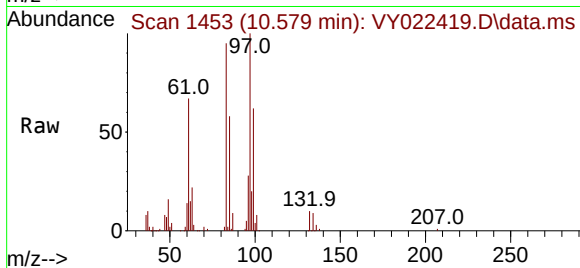
Ion Ratio Lower Upper

97 100

83 94.6 70.3 105.5

85 58.2 46.2 69.4

99 62.0 50.3 75.5



#56

Ethyl methacrylate

Concen: 41.883 ug/l

RT: 10.444 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VY022419.D

Acq: 23 May 2025 20:20

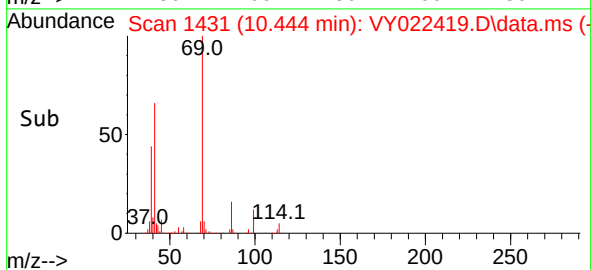
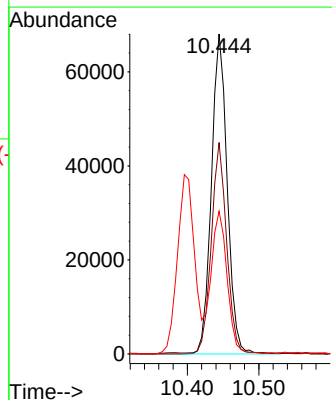
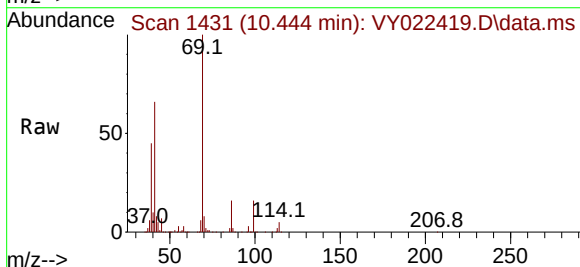
Tgt Ion: 69 Resp: 104244

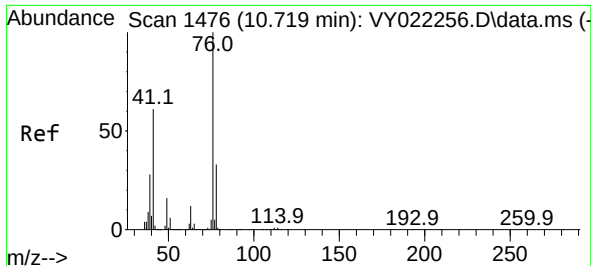
Ion Ratio Lower Upper

69 100

41 63.8 56.5 84.7

39 45.5 37.1 55.7





#57

1,3-Dichloropropane

Concen: 44.176 ug/l

RT: 10.725 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VY022419.D

Acq: 23 May 2025 20:20

Instrument :

MSVOA_Y

ClientSampleId :

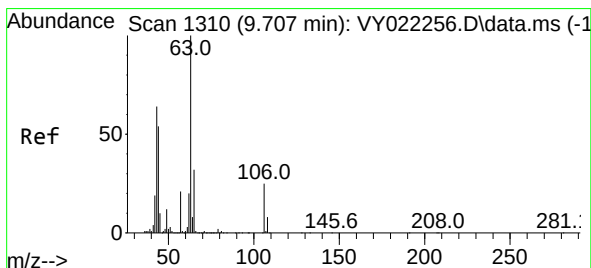
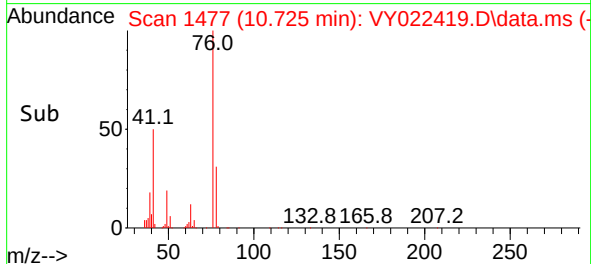
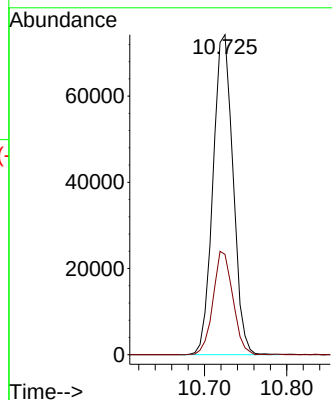
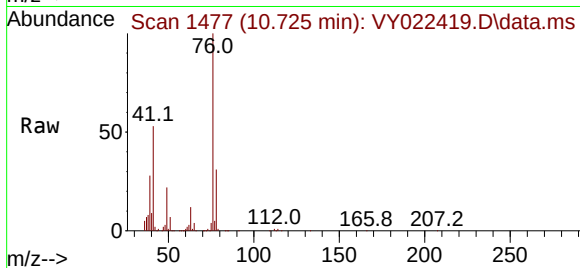
VSTDCCC050EC

Tgt Ion: 76 Resp: 125412

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 241.375 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.012 min

Lab File: VY022419.D

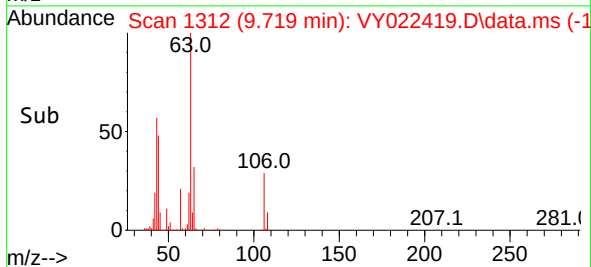
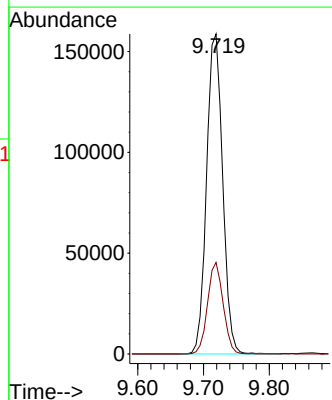
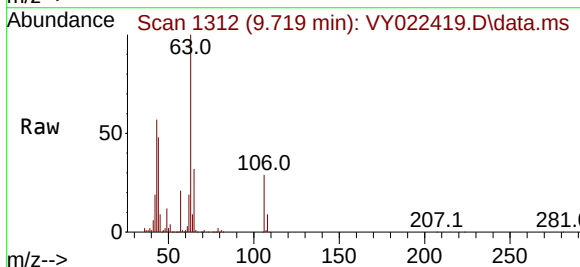
Acq: 23 May 2025 20:20

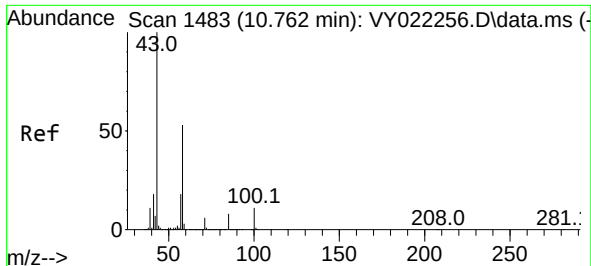
Tgt Ion: 63 Resp: 269651

Ion Ratio Lower Upper

63 100

106 27.7 21.0 31.4

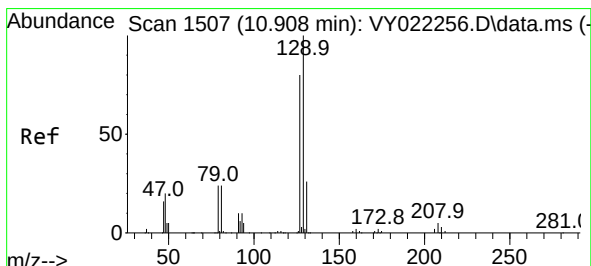
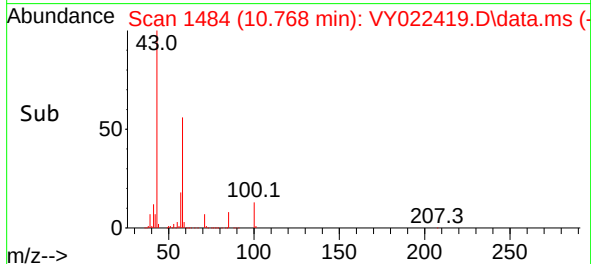
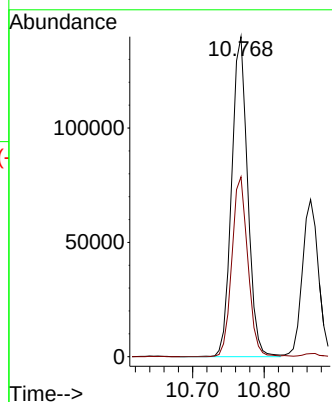
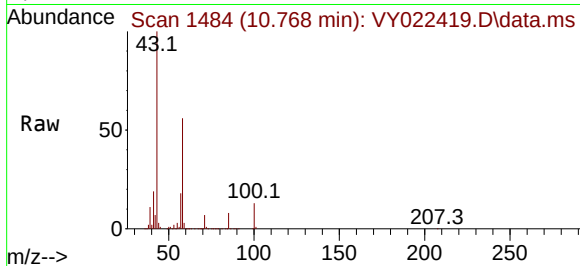




#59
2-Hexanone
Concen: 194.924 ug/l
RT: 10.768 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 20:20

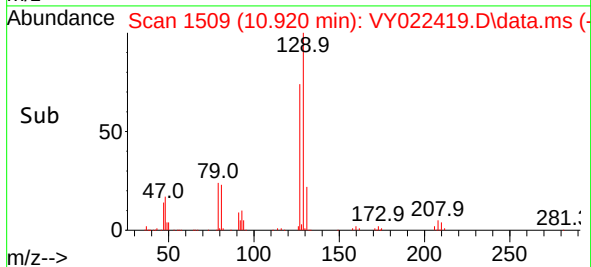
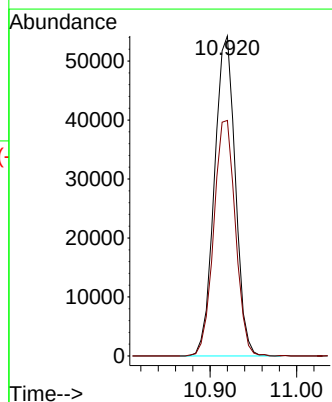
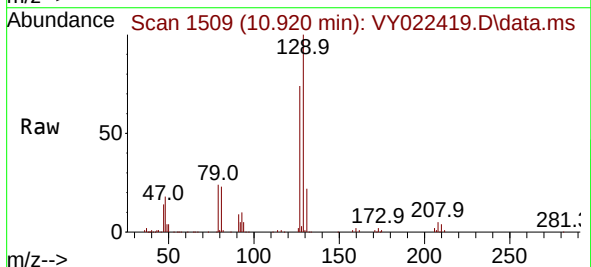
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

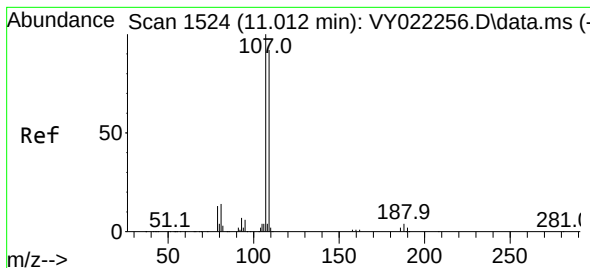
Tgt Ion: 43 Resp: 217811
Ion Ratio Lower Upper
43 100
58 56.1 26.1 78.3



#60
Dibromochloromethane
Concen: 43.848 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.012 min
Lab File: VY022419.D
Acq: 23 May 2025 20:20

Tgt Ion: 129 Resp: 90937
Ion Ratio Lower Upper
129 100
127 76.2 38.6 115.7

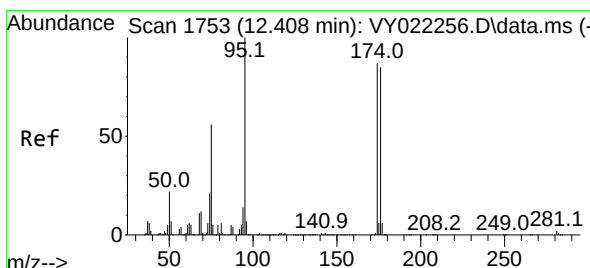
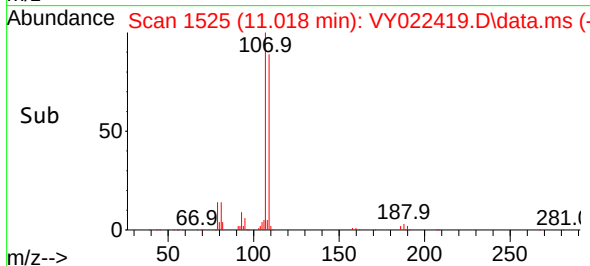
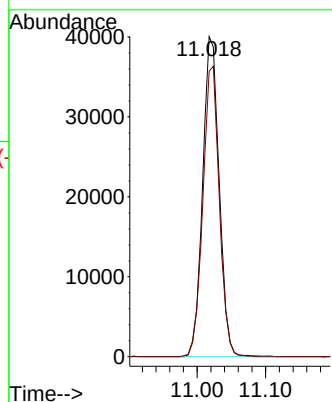
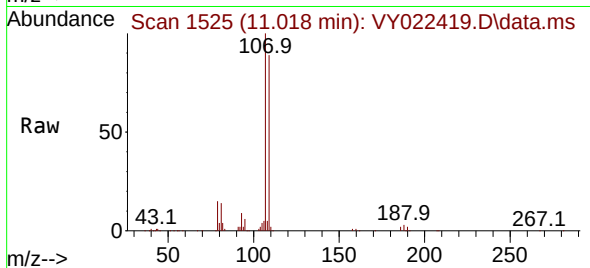




#61
1,2-Dibromoethane
Concen: 45.063 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 20:20

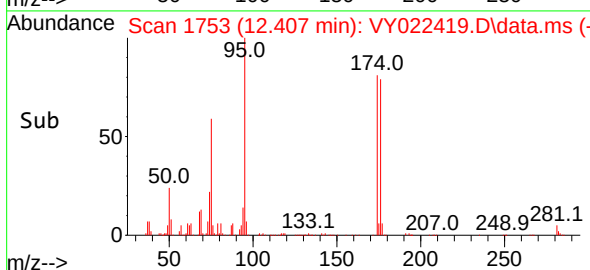
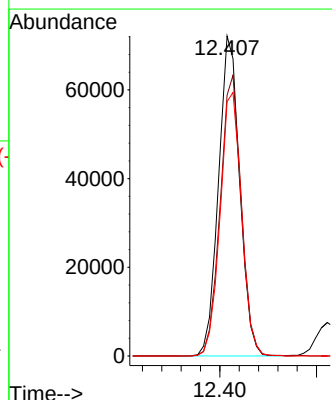
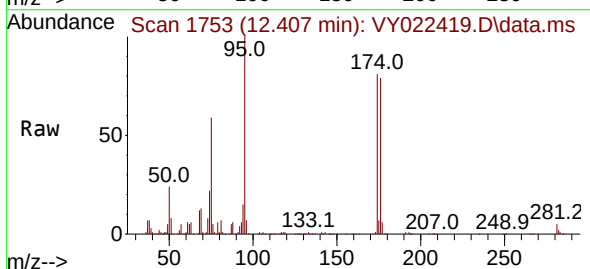
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

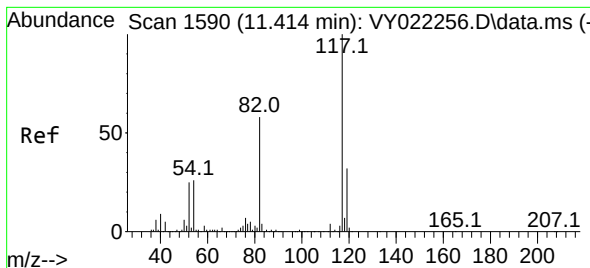
Tgt Ion:107 Resp: 67109
Ion Ratio Lower Upper
107 100
109 90.5 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 42.843 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022419.D
Acq: 23 May 2025 20:20

Tgt Ion: 95 Resp: 109296
Ion Ratio Lower Upper
95 100
174 87.6 0.0 166.8
176 83.5 0.0 160.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022419.D

Acq: 23 May 2025 20:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

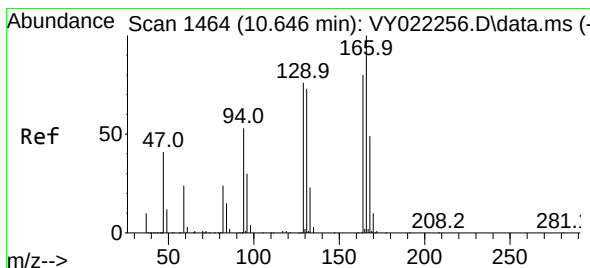
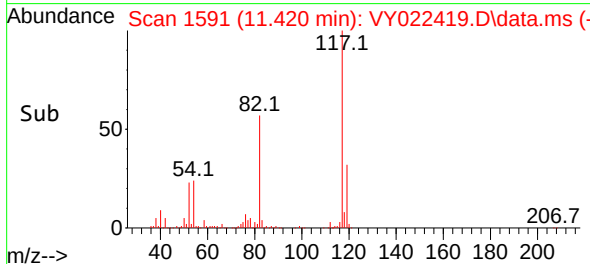
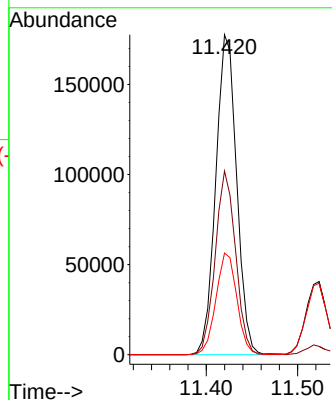
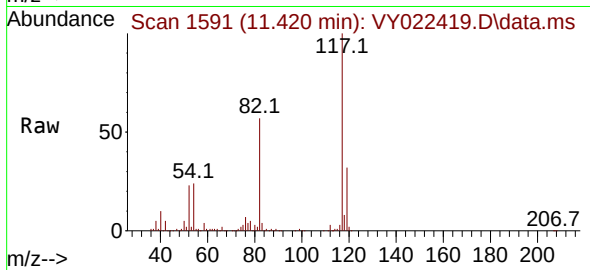
Tgt Ion:117 Resp: 282638

Ion Ratio Lower Upper

117 100

82 57.4 46.6 70.0

119 31.7 25.8 38.6



#64

Tetrachloroethene

Concen: 43.293 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VY022419.D

Acq: 23 May 2025 20:20

Tgt Ion:164 Resp: 113100

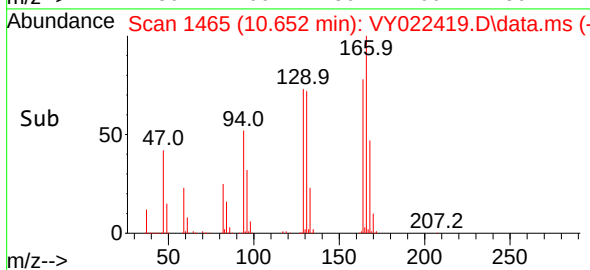
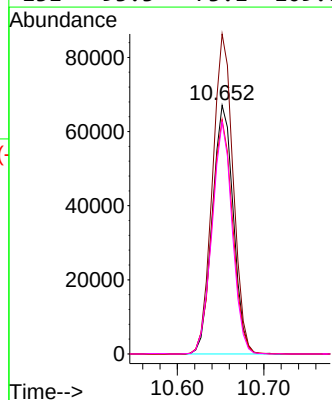
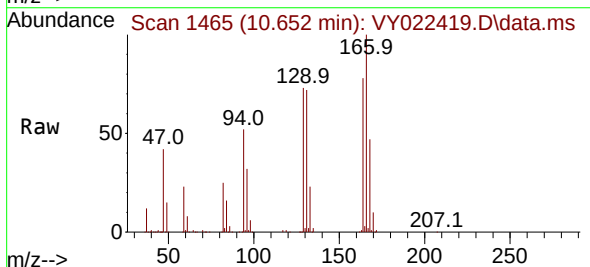
Ion Ratio Lower Upper

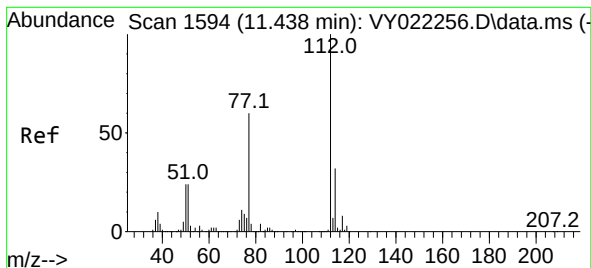
164 100

166 128.7 100.4 150.6

129 94.3 76.4 114.6

131 93.3 73.1 109.7

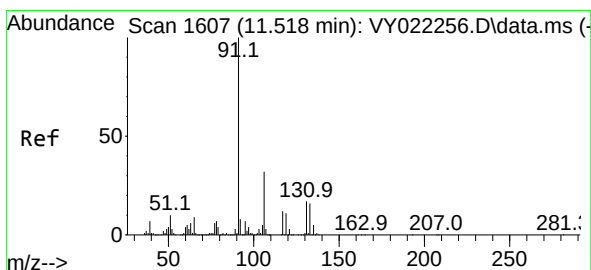
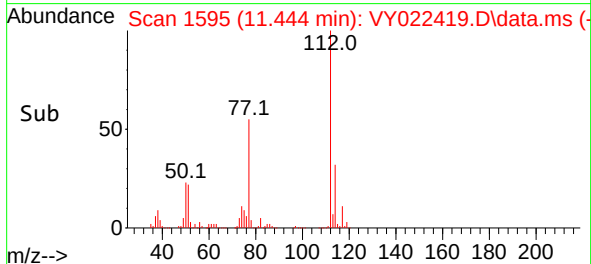
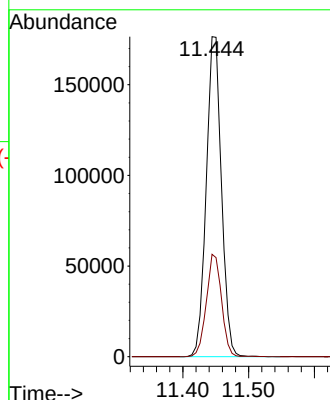
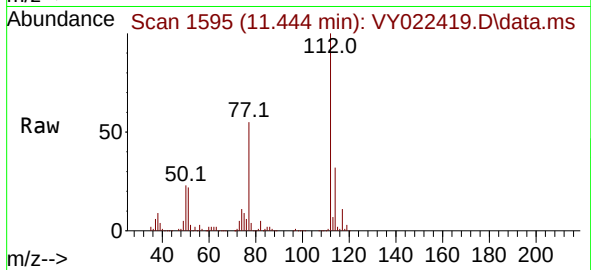




#65
Chlorobenzene
Concen: 44.437 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 20:20

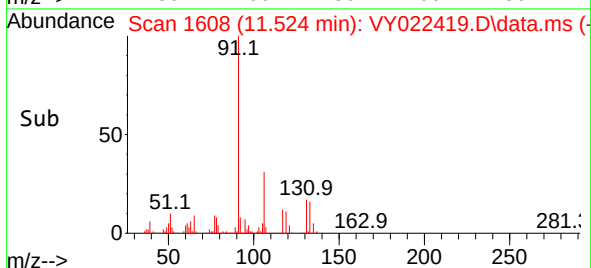
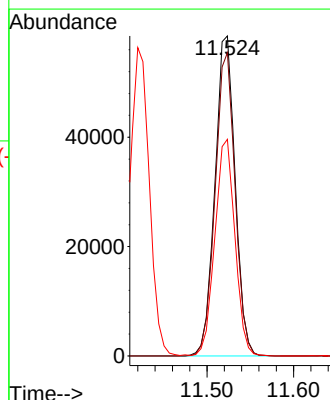
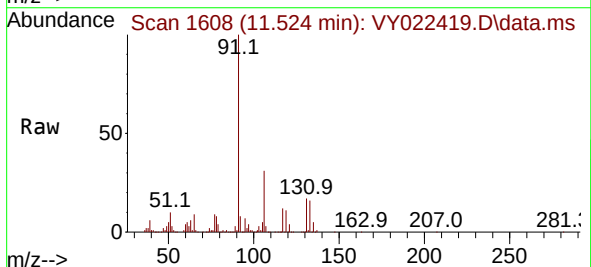
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

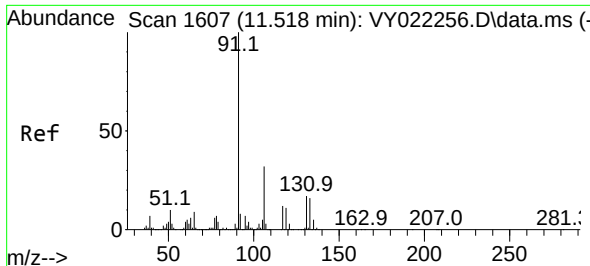
Tgt Ion:112 Resp: 283359
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 43.210 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 20:20

Tgt Ion:131 Resp: 94723
Ion Ratio Lower Upper
131 100
133 93.7 47.3 141.9
119 67.3 33.1 99.2

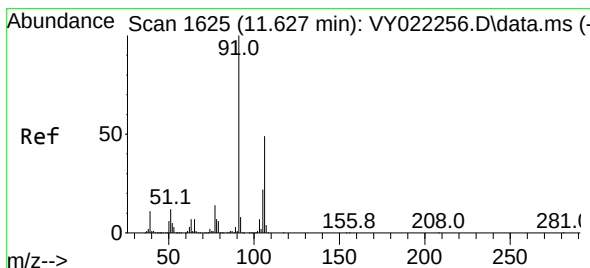
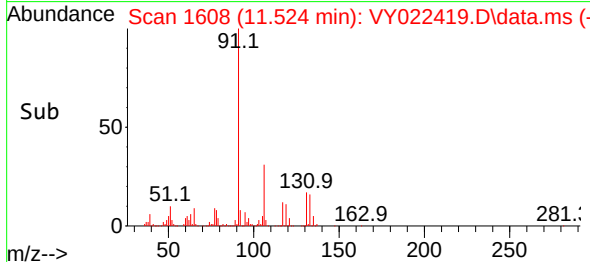
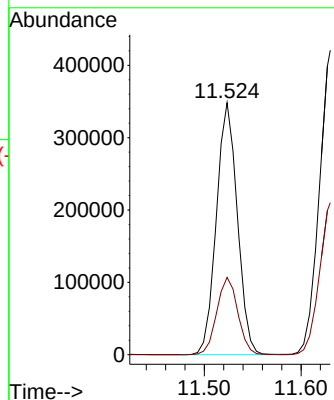
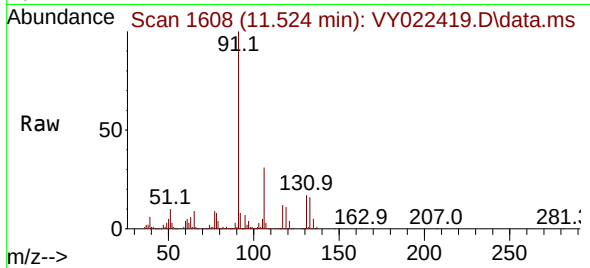




#67
Ethyl Benzene
Concen: 43.819 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 20:20

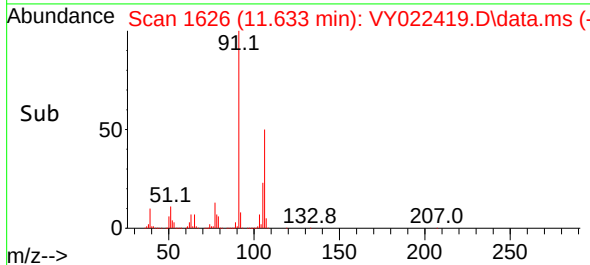
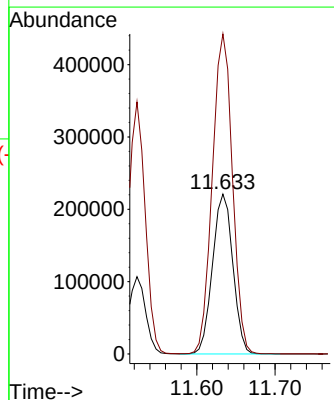
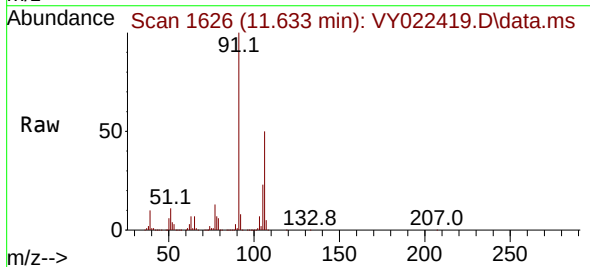
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

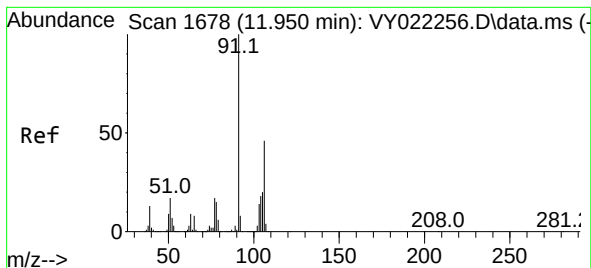
Tgt Ion: 91 Resp: 523292
Ion Ratio Lower Upper
91 100
106 30.7 25.4 38.0



#68
m/p-Xylenes
Concen: 88.675 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 20:20

Tgt Ion:106 Resp: 399035
Ion Ratio Lower Upper
106 100
91 198.0 163.0 244.4

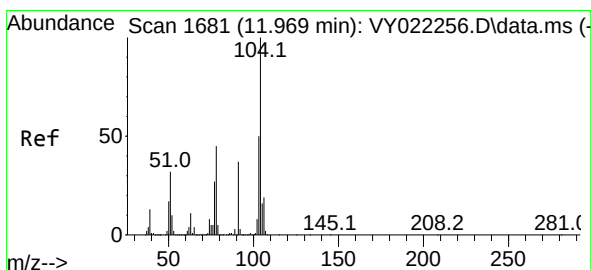
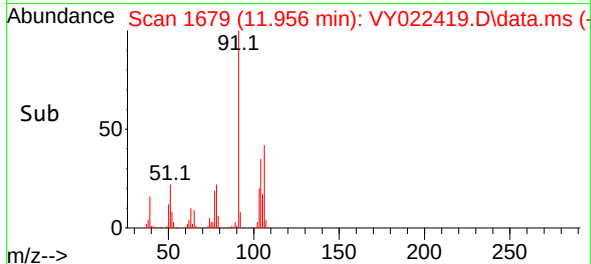
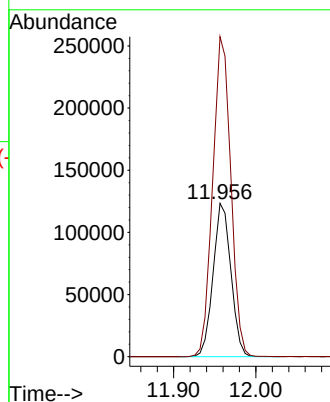
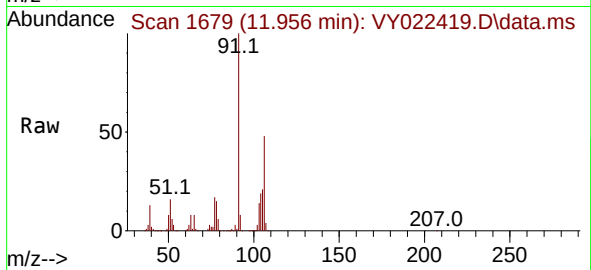




#69
o-Xylene
Concen: 43.599 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 20:20

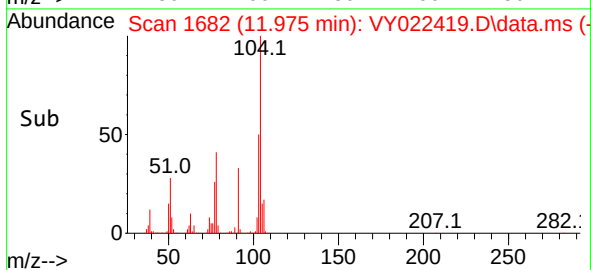
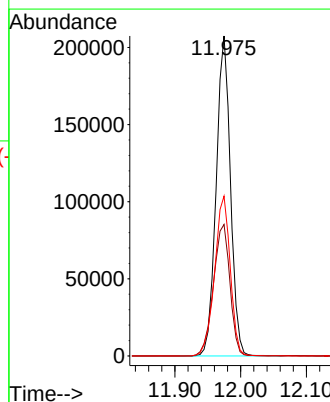
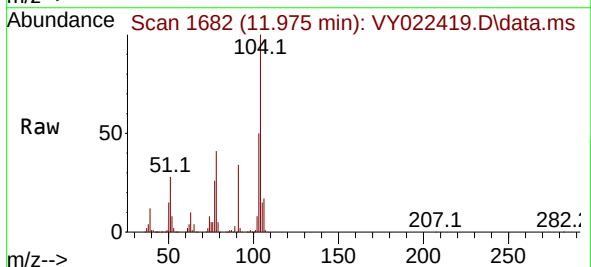
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

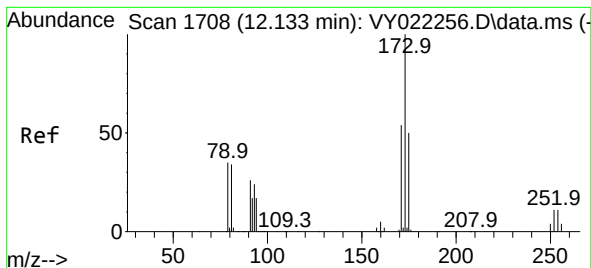
Tgt Ion:106 Resp: 185624
Ion Ratio Lower Upper
106 100
91 212.7 108.3 324.8



#70
Styrene
Concen: 43.672 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 20:20

Tgt Ion:104 Resp: 313641
Ion Ratio Lower Upper
104 100
78 47.5 40.9 61.3
103 54.6 43.7 65.5





#71

Bromoform

Concen: 42.098 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022419.D

Acq: 23 May 2025 20:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

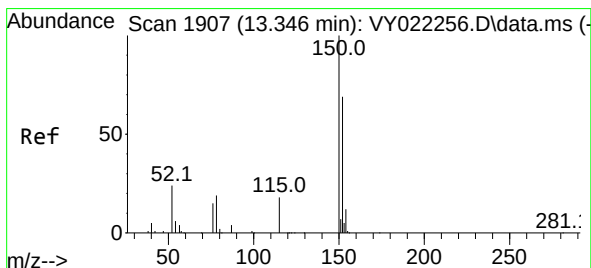
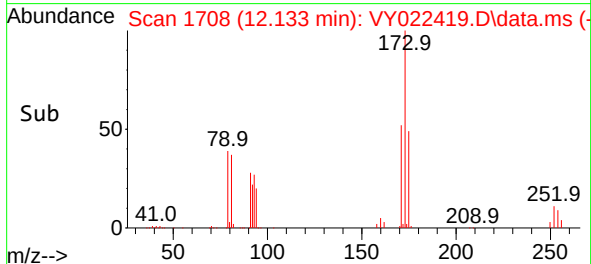
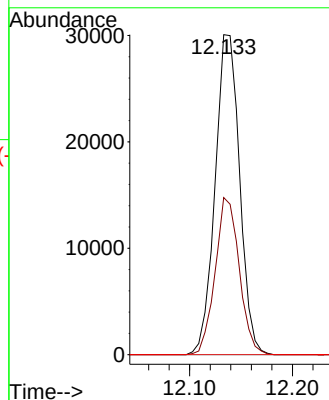
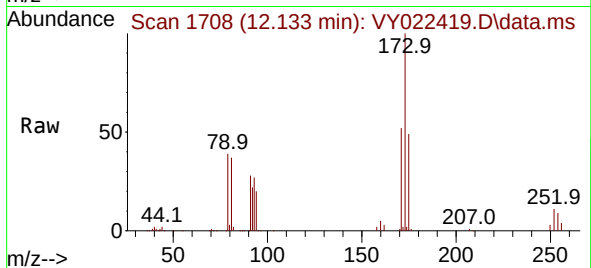
Tgt Ion:173 Resp: 49811

Ion Ratio Lower Upper

173 100

175 48.2 24.7 74.1

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY022419.D

Acq: 23 May 2025 20:20

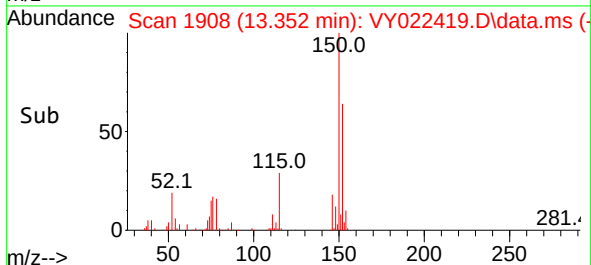
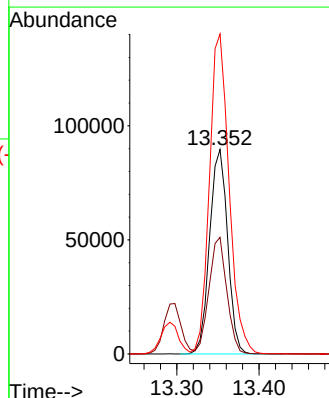
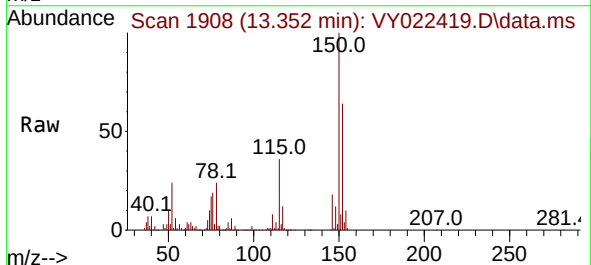
Tgt Ion:152 Resp: 136386

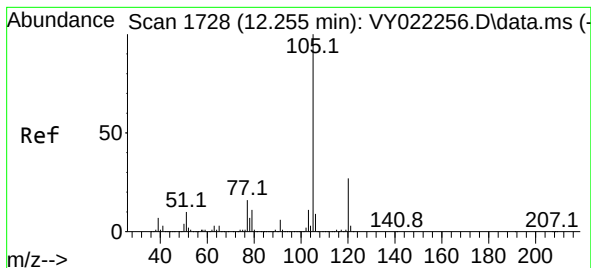
Ion Ratio Lower Upper

152 100

115 56.7 29.4 88.2

150 170.7 0.0 353.8





#73

Isopropylbenzene

Concen: 42.989 ug/l

RT: 12.261 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022419.D

Acq: 23 May 2025 20:20

Instrument :

MSVOA_Y

ClientSampleId :

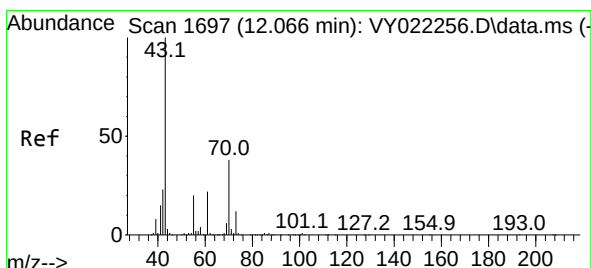
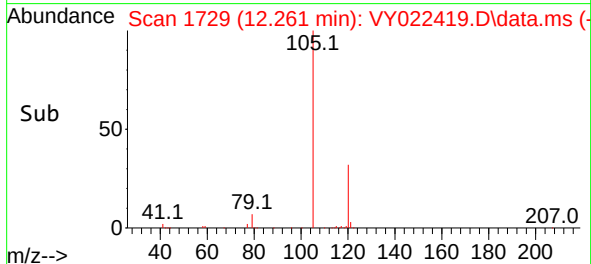
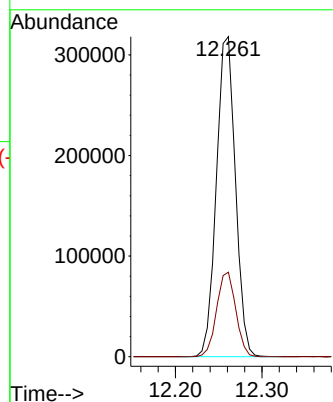
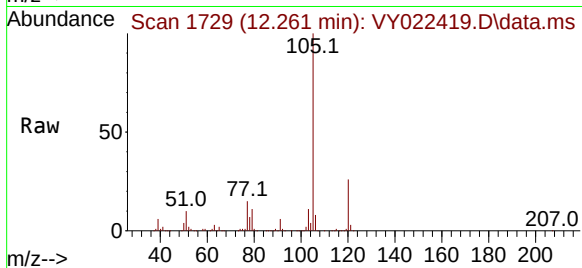
VSTDCCC050EC

Tgt Ion:105 Resp: 485733

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.6



#74

N-ethyl acetate

Concen: 37.033 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY022419.D

Acq: 23 May 2025 20:20

Tgt Ion: 43 Resp: 119672

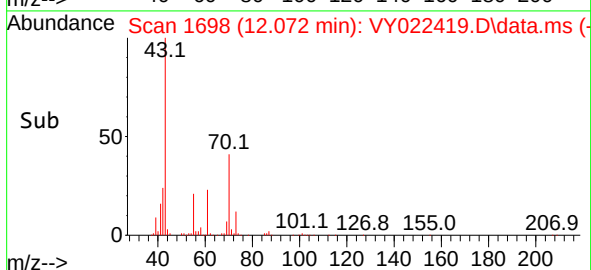
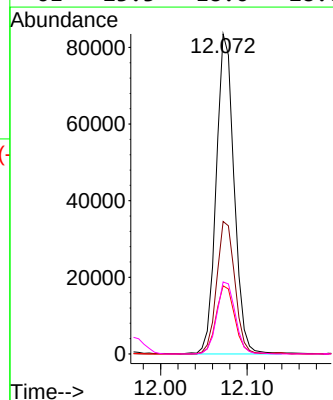
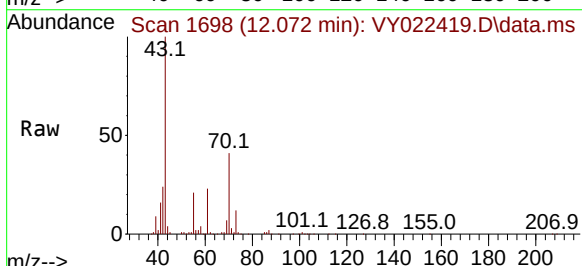
Ion Ratio Lower Upper

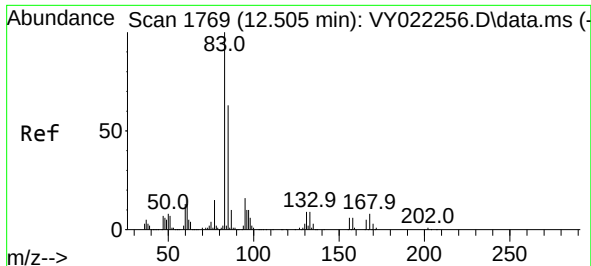
43 100

70 42.1 31.4 47.0

55 22.4 17.0 25.6

61 23.3 18.6 28.0

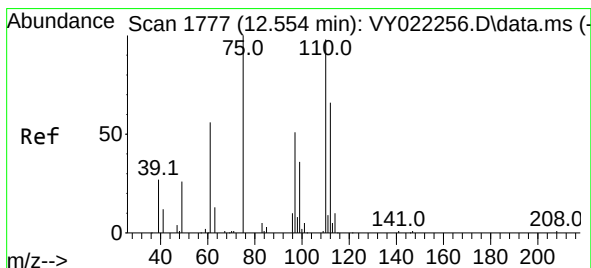
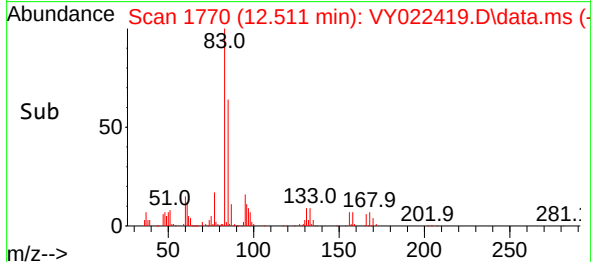
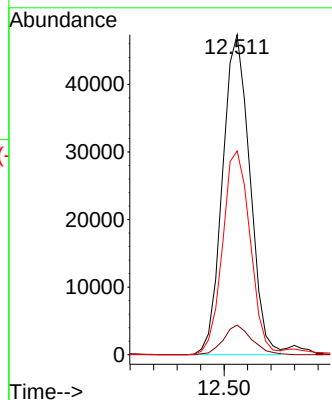
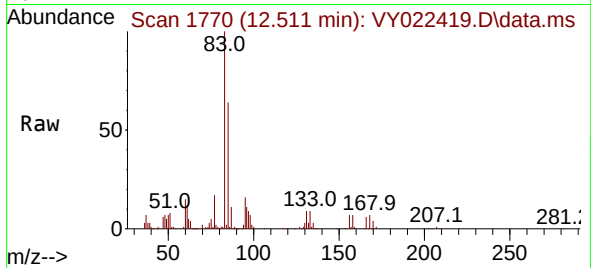




#75
1,1,2,2-Tetrachloroethane
Concen: 44.048 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 20:20

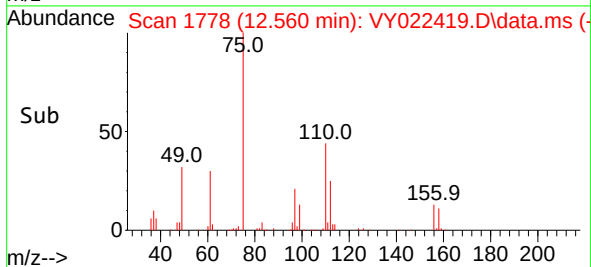
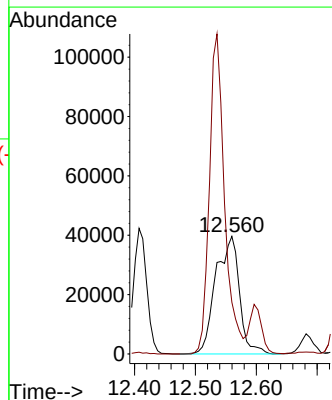
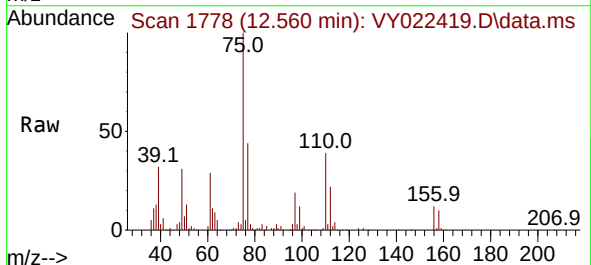
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

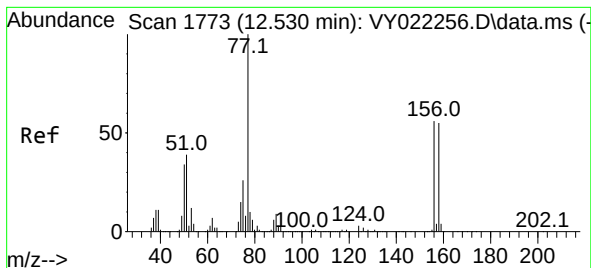
Tgt Ion: 83 Resp: 76541
Ion Ratio Lower Upper
83 100
131 9.6 4.9 14.7
85 64.4 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 77.345 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 20:20

Tgt Ion: 75 Resp: 106870
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 41.846 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY022419.D

Acq: 23 May 2025 20:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

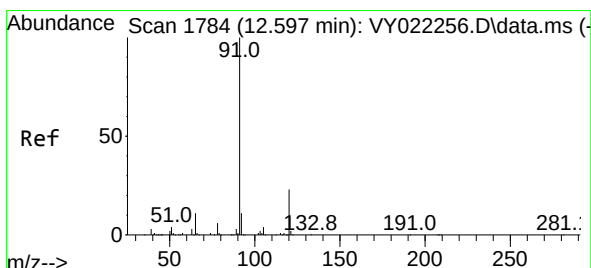
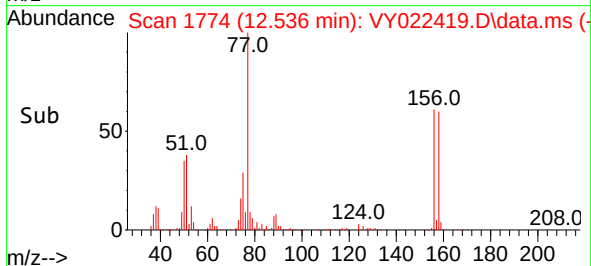
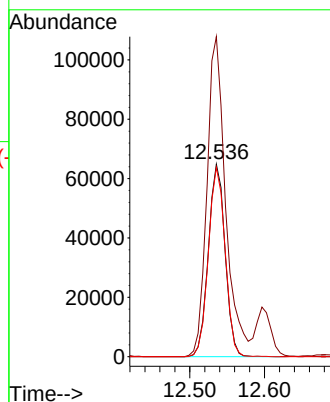
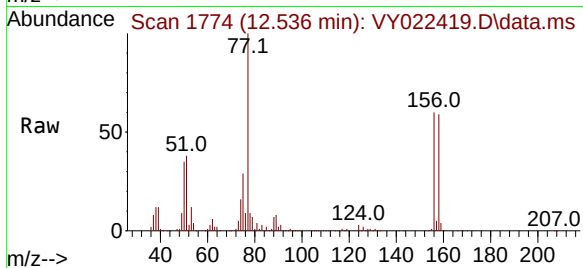
Tgt Ion:156 Resp: 100985

Ion Ratio Lower Upper

156 100

77 184.8 94.5 283.6

158 98.6 48.4 145.3



#78

n-propylbenzene

Concen: 43.005 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY022419.D

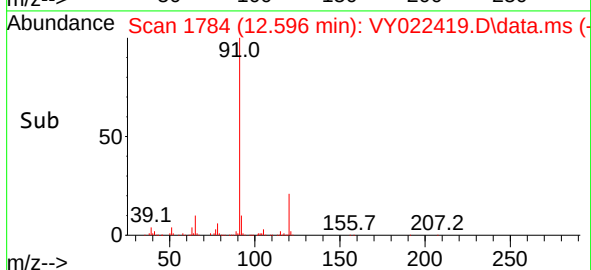
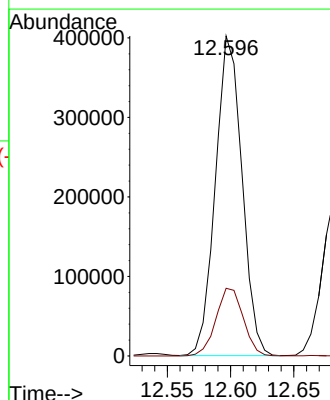
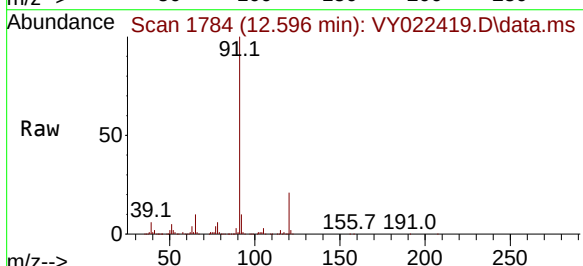
Acq: 23 May 2025 20:20

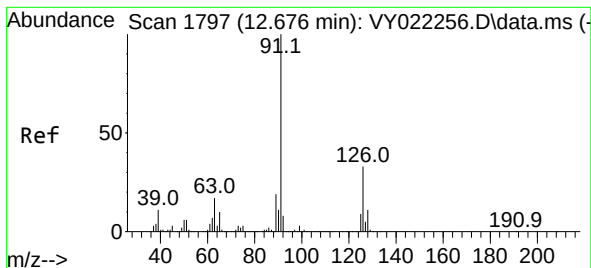
Tgt Ion: 91 Resp: 586097

Ion Ratio Lower Upper

91 100

120 21.9 11.1 33.3





#79

2-Chlorotoluene

Concen: 41.425 ug/l

RT: 12.682 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022419.D

Acq: 23 May 2025 20:20

Instrument :

MSVOA_Y

ClientSampleId :

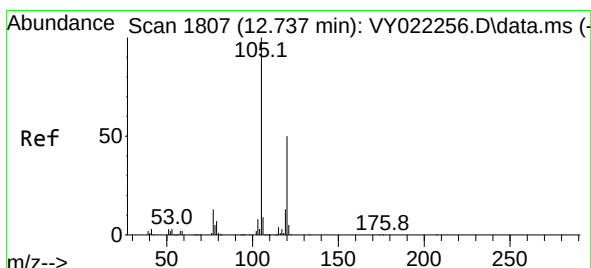
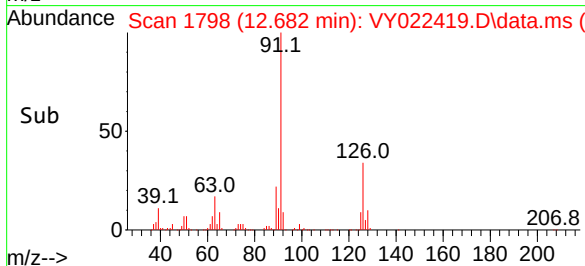
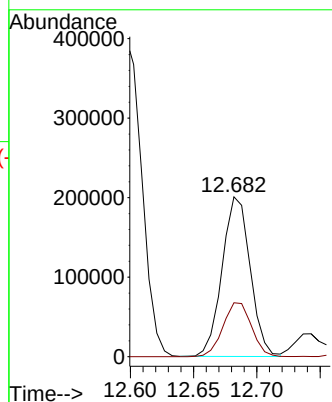
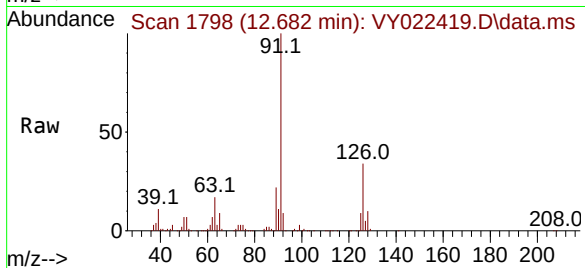
VSTDCCC050EC

Tgt Ion: 91 Resp: 310255

Ion Ratio Lower Upper

91 100

126 34.4 16.8 50.4



#80

1,3,5-Trimethylbenzene

Concen: 41.781 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. 0.006 min

Lab File: VY022419.D

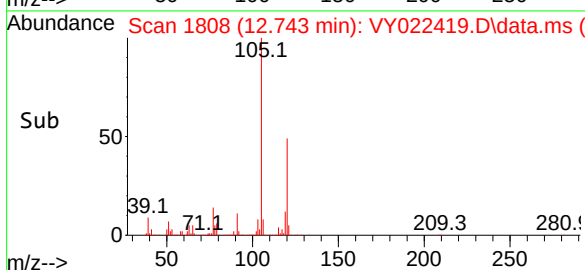
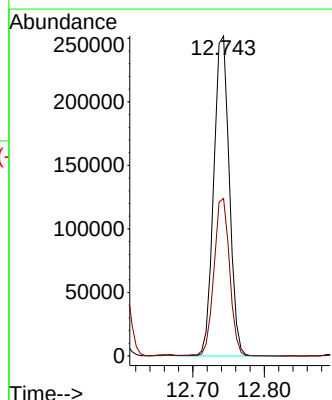
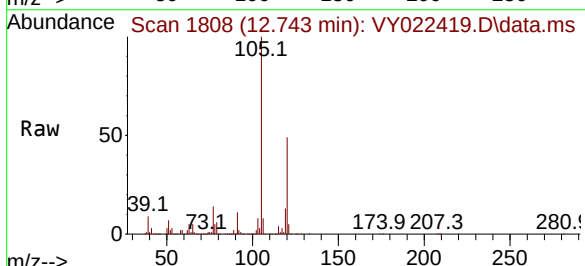
Acq: 23 May 2025 20:20

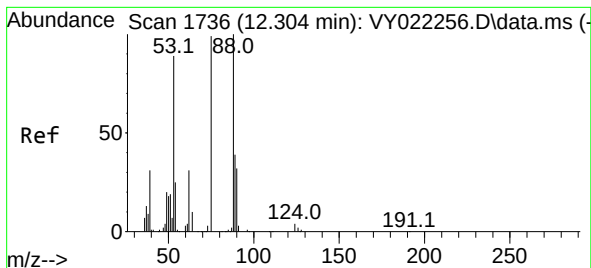
Tgt Ion: 105 Resp: 381079

Ion Ratio Lower Upper

105 100

120 49.4 24.2 72.6

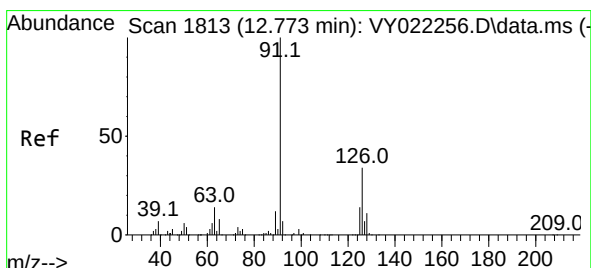
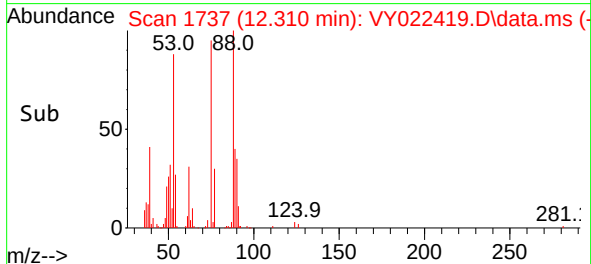
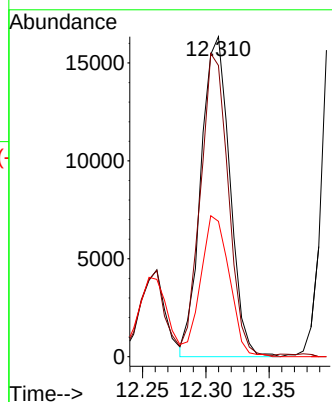
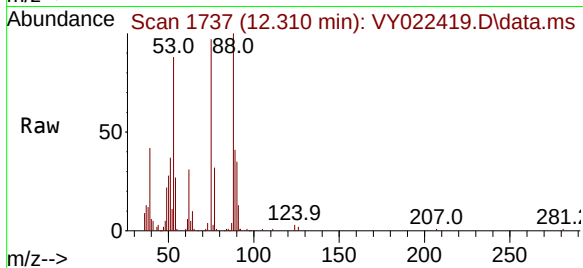




#81
trans-1,4-Dichloro-2-butene
Concen: 37.959 ug/l
RT: 12.310 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 20:20

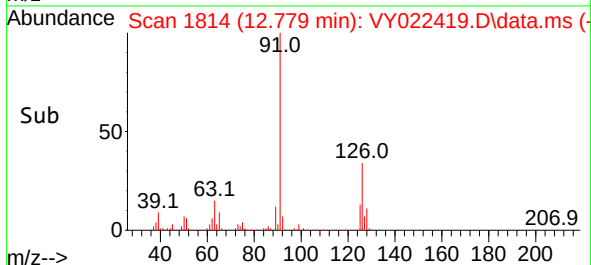
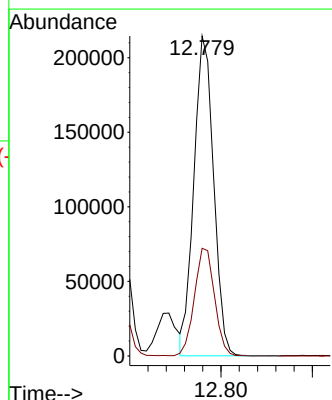
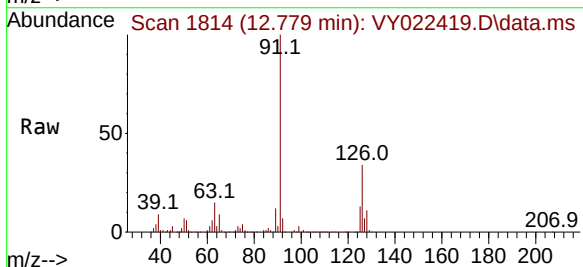
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

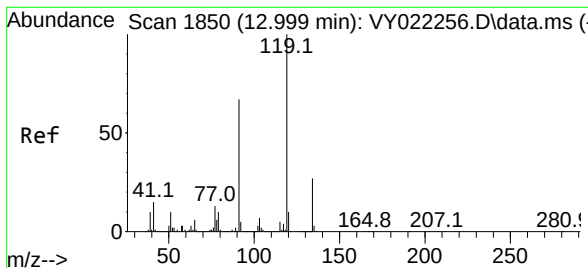
Tgt Ion: 75 Resp: 25891
Ion Ratio Lower Upper
75 100
53 90.6 75.8 113.8
89 43.9 36.2 54.2



#82
4-Chlorotoluene
Concen: 41.677 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 20:20

Tgt Ion: 91 Resp: 321059
Ion Ratio Lower Upper
91 100
126 34.5 16.8 50.4

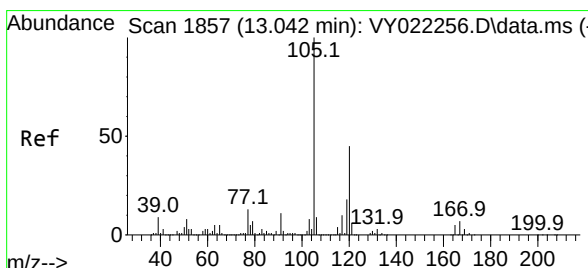
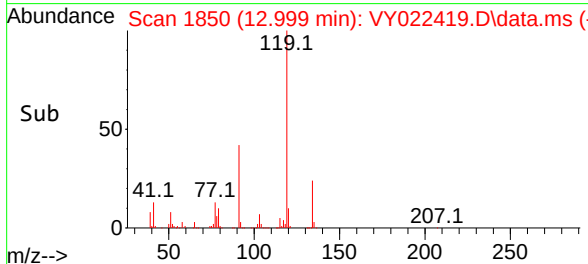
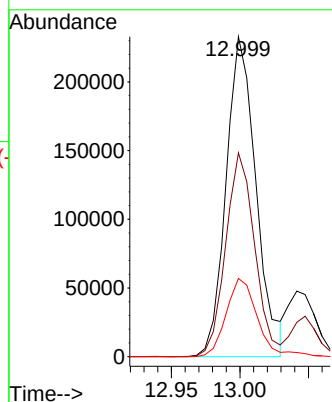
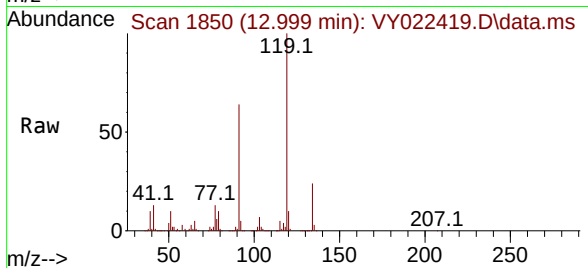




#83
tert-Butylbenzene
Concen: 43.775 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VY022419.D
Acq: 23 May 2025 20:20

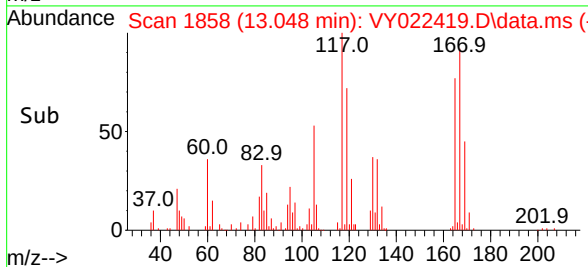
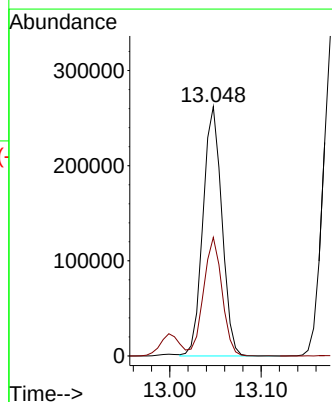
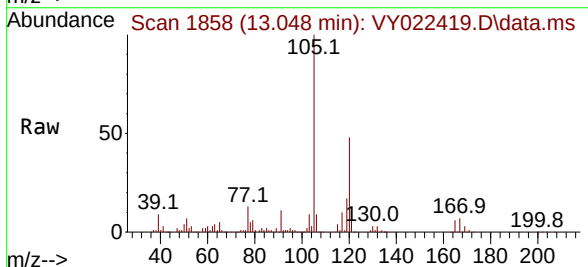
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

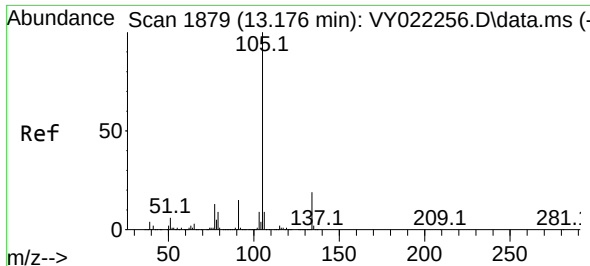
Tgt Ion:119 Resp: 354869
Ion Ratio Lower Upper
119 100
91 61.7 32.8 98.3
134 25.5 12.9 38.6



#84
1,2,4-Trimethylbenzene
Concen: 41.497 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 20:20

Tgt Ion:105 Resp: 375722
Ion Ratio Lower Upper
105 100
120 46.6 22.3 66.9

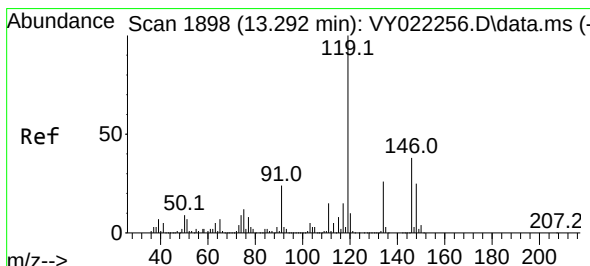
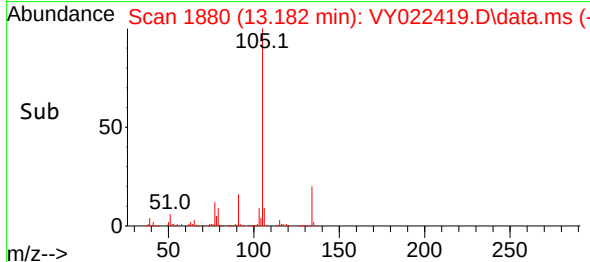
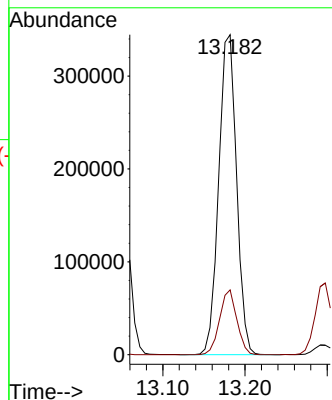
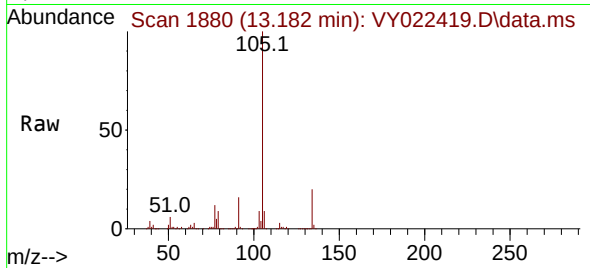




#85
 sec-Butylbenzene
 Concen: 43.138 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. 0.006 min
 Lab File: VY022419.D
 Acq: 23 May 2025 20:20

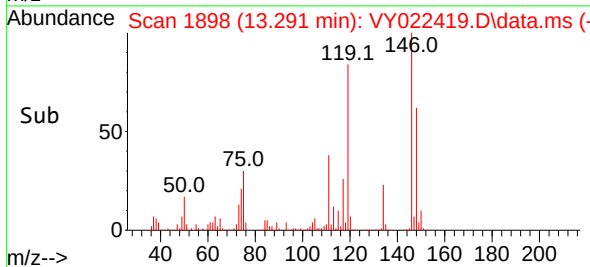
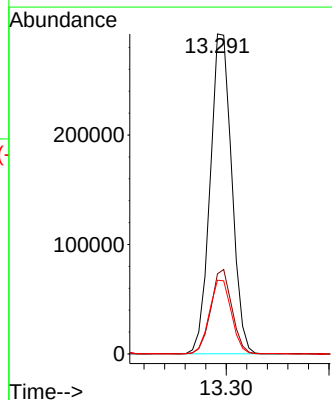
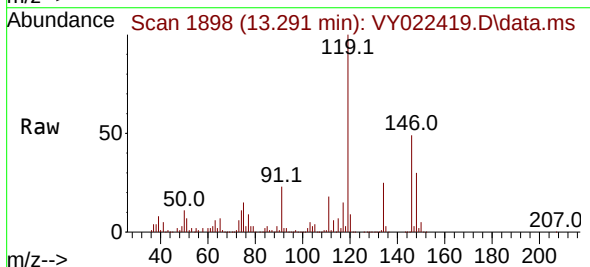
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

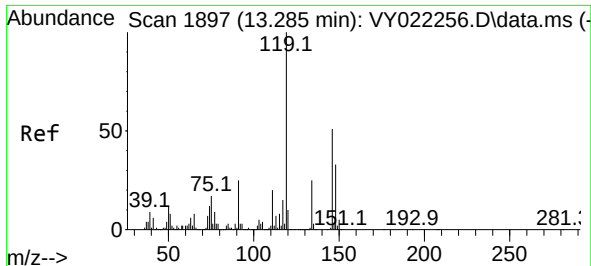
Tgt Ion:105 Resp: 519118
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 42.109 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY022419.D
 Acq: 23 May 2025 20:20

Tgt Ion:119 Resp: 426187
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.6
 91 23.4 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 42.169 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY022419.D

Acq: 23 May 2025 20:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

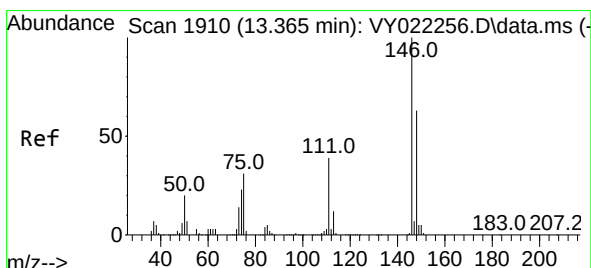
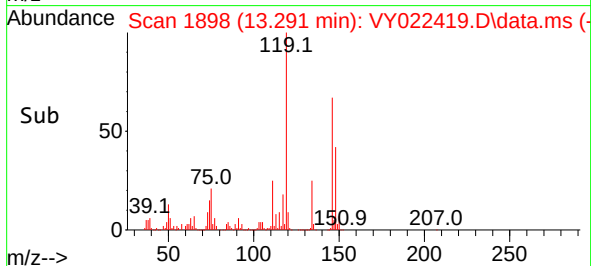
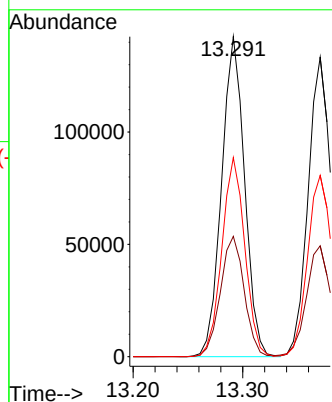
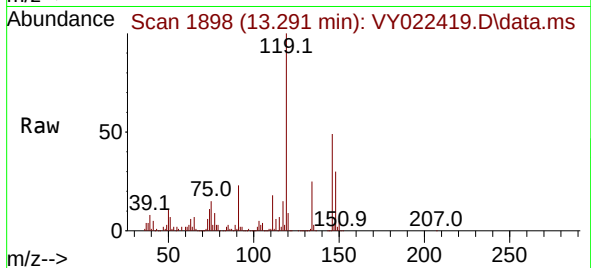
Tgt Ion:146 Resp: 207744

Ion Ratio Lower Upper

146 100

111 39.0 19.9 59.7

148 62.2 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 41.619 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY022419.D

Acq: 23 May 2025 20:20

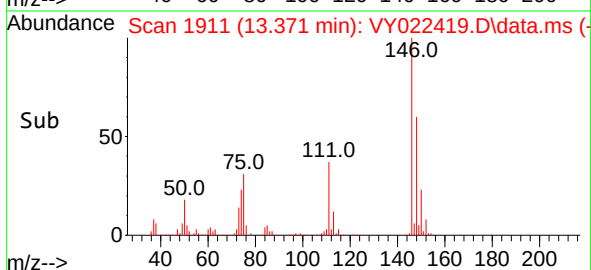
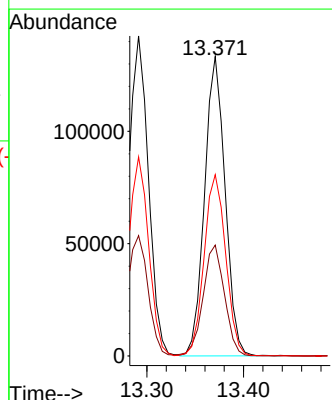
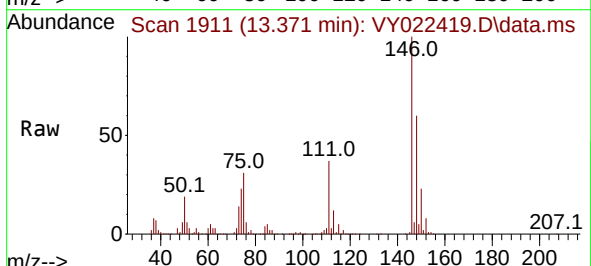
Tgt Ion:146 Resp: 197220

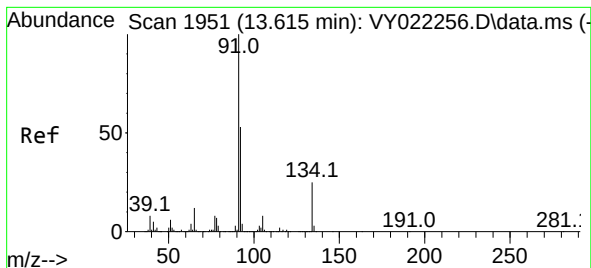
Ion Ratio Lower Upper

146 100

111 38.5 20.0 59.9

148 63.5 32.1 96.5





#89

n-Butylbenzene

Concen: 42.375 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY022419.D

Acq: 23 May 2025 20:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

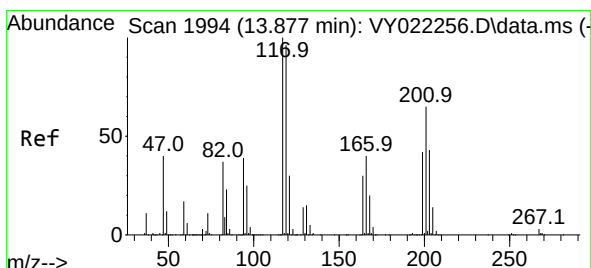
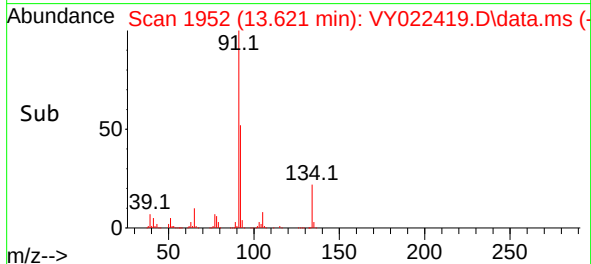
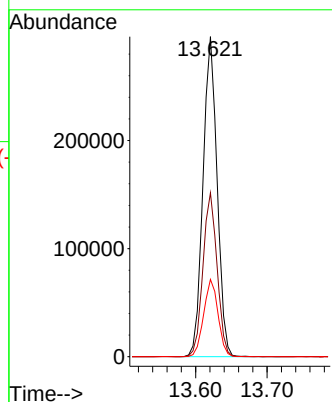
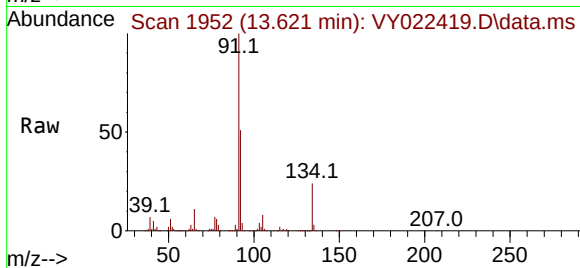
Tgt Ion: 91 Resp: 405742

Ion Ratio Lower Upper

91 100

92 51.3 26.3 78.9

134 24.6 12.4 37.4



#90

Hexachloroethane

Concen: 41.793 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY022419.D

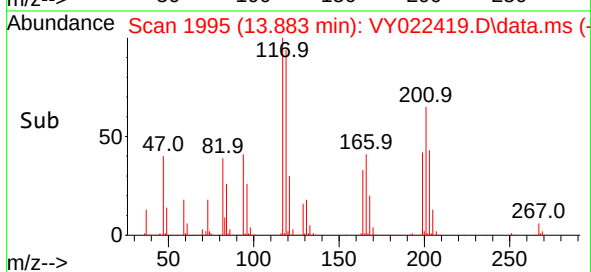
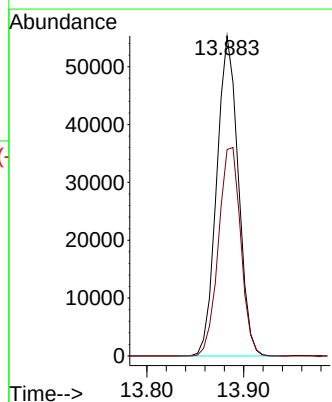
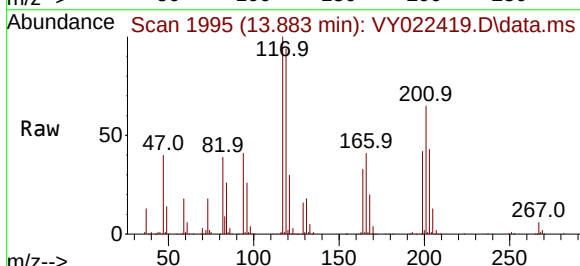
Acq: 23 May 2025 20:20

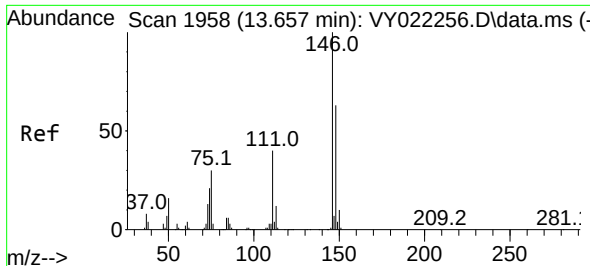
Tgt Ion: 117 Resp: 85386

Ion Ratio Lower Upper

117 100

201 67.4 35.2 105.6

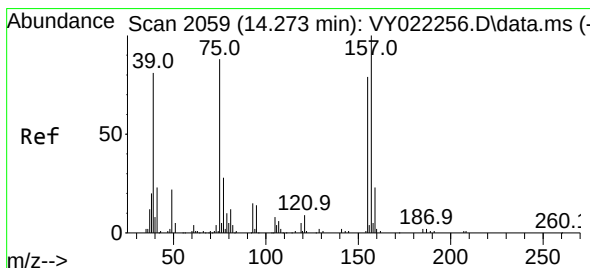
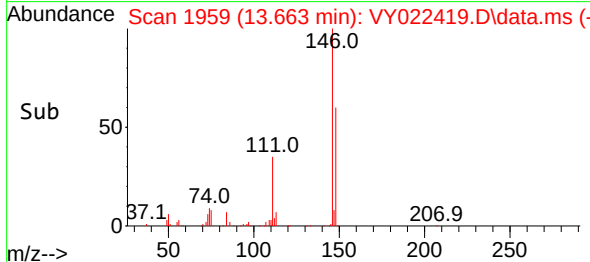
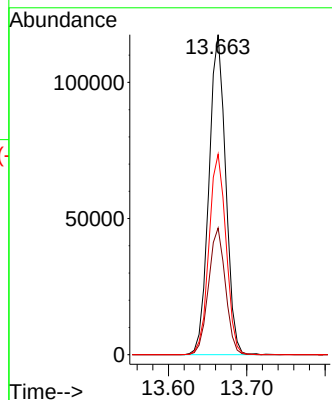
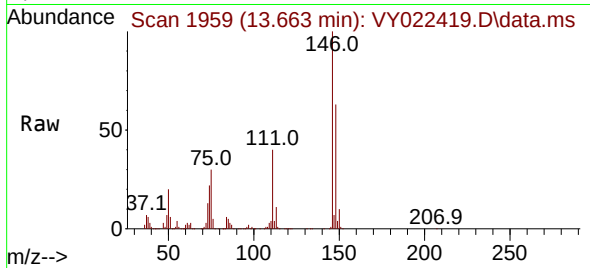




#91
 1,2-Dichlorobenzene
 Concen: 42.169 ug/l
 RT: 13.663 min Scan# 1958
 Delta R.T. 0.006 min
 Lab File: VY022419.D
 Acq: 23 May 2025 20:20

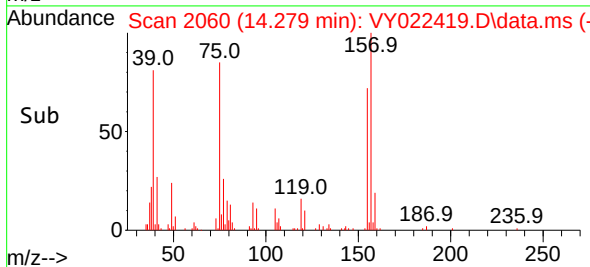
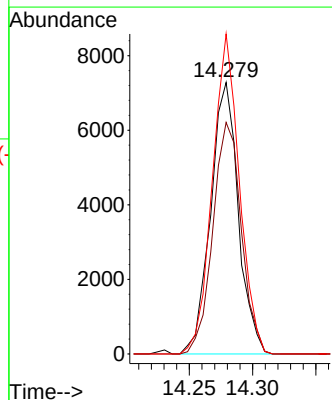
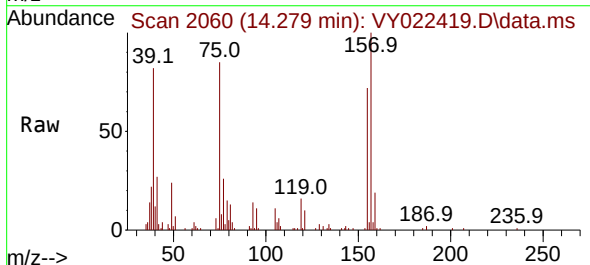
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

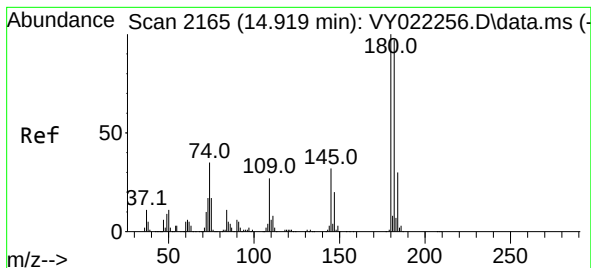
Tgt Ion:146 Resp: 174496
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.5 61.5
 148 63.7 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 39.489 ug/l
 RT: 14.279 min Scan# 2060
 Delta R.T. 0.006 min
 Lab File: VY022419.D
 Acq: 23 May 2025 20:20

Tgt Ion: 75 Resp: 11065
 Ion Ratio Lower Upper
 75 100
 155 87.8 43.4 130.1
 157 114.7 54.6 163.9





#93

1,2,4-Trichlorobenzene

Concen: 38.119 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY022419.D

Acq: 23 May 2025 20:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

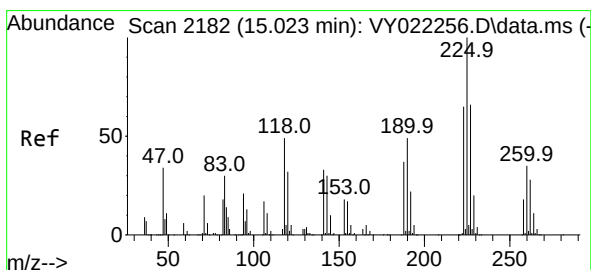
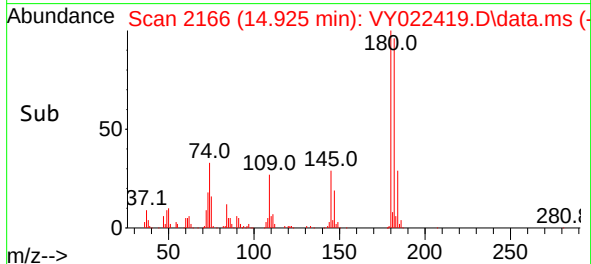
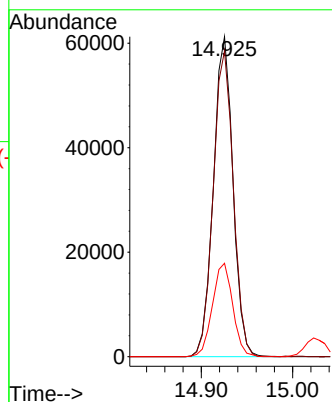
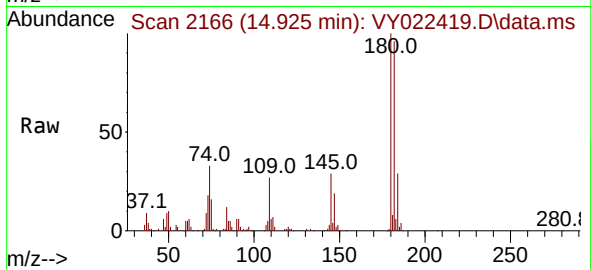
Tgt Ion:180 Resp: 91115

Ion Ratio Lower Upper

180 100

182 97.9 48.0 144.0

145 30.3 15.0 45.1



#94

Hexachlorobutadiene

Concen: 40.539 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022419.D

Acq: 23 May 2025 20:20

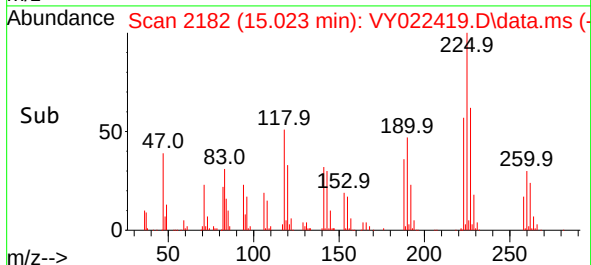
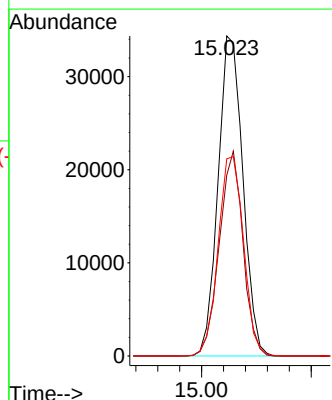
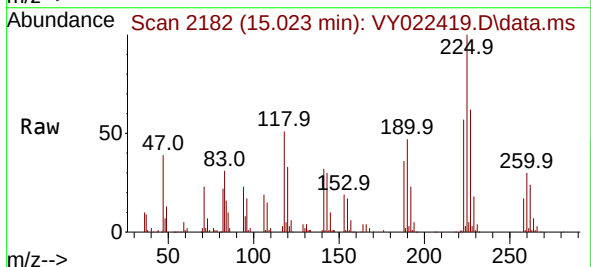
Tgt Ion:225 Resp: 54038

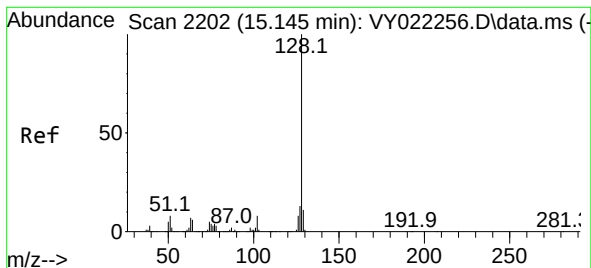
Ion Ratio Lower Upper

225 100

223 61.2 31.5 94.5

227 63.7 32.1 96.3





#95

Naphthalene

Concen: 39.976 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY022419.D

Acq: 23 May 2025 20:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

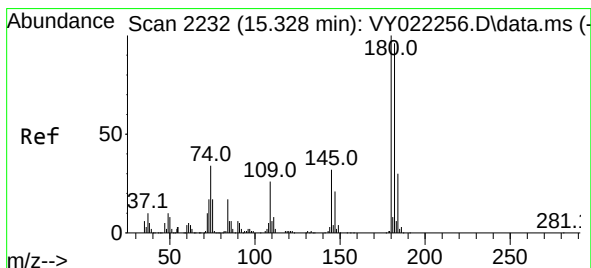
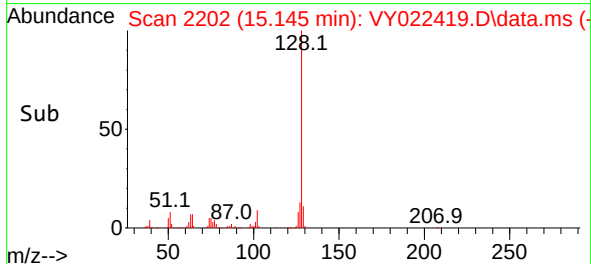
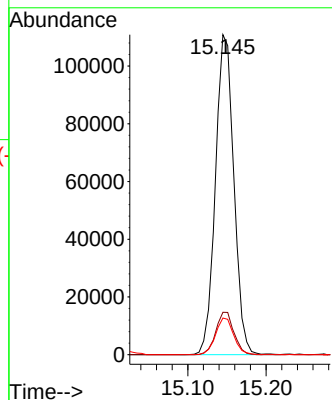
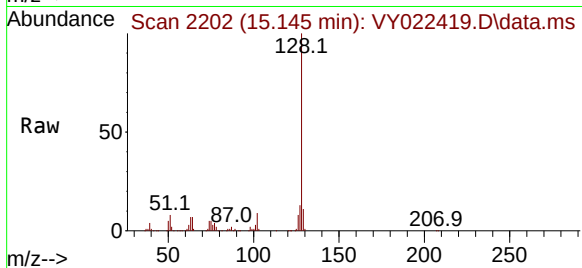
Tgt Ion:128 Resp: 181330

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

129 11.3 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 38.184 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY022419.D

Acq: 23 May 2025 20:20

Tgt Ion:180 Resp: 77428

Ion Ratio Lower Upper

180 100

182 97.0 47.1 141.3

145 31.4 15.9 47.6

