

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121724\
 Data File : VY020616.D
 Acq On : 17 Dec 2024 11:14
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Dec 18 04:53:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 04:39:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	175469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	270859	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.413	117	241570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	134321	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	177978	92.612	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 185.220%#	
35) Dibromofluoromethane	7.634	113	175849	92.118	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 184.240%#	
50) Toluene-d8	10.103	98	619412	92.704	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 185.400%#	
62) 4-Bromofluorobenzene	12.401	95	234353	89.665	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 179.320%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.866	85	210949	96.249	ug/l	99
3) Chloromethane	2.068	50	149471	92.044	ug/l	98
4) Vinyl Chloride	2.202	62	154262	102.062	ug/l	99
5) Bromomethane	2.586	94	98824	101.715	ug/l	97
6) Chloroethane	2.732	64	95621	102.376	ug/l	99
7) Trichlorofluoromethane	3.055	101	308242	97.464	ug/l	98
8) Diethyl Ether	3.458	74	110471	99.599	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.811	101	227753	100.469	ug/l	99
10) Methyl Iodide	4.000	142	272999	108.168	ug/l	98
11) Tert butyl alcohol	4.860	59	92710	533.746	ug/l	100
12) 1,1-Dichloroethene	3.787	96	224015	101.847	ug/l	100
13) Acrolein	3.653	56	32525	357.929	ug/l	98
14) Allyl chloride	4.384	41	401452	104.161	ug/l	99
15) Acrylonitrile	5.055	53	268782	506.539	ug/l	99
16) Acetone	3.872	43	192907	512.024	ug/l	99
17) Carbon Disulfide	4.104	76	734236	102.553	ug/l	99
18) Methyl Acetate	4.384	43	137166	104.906	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	579813	102.132	ug/l	98
20) Methylene Chloride	4.610	84	233323	97.650	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	242695	98.365	ug/l	97
22) Diisopropyl ether	6.018	45	777568	99.391	ug/l	96
23) Vinyl Acetate	5.957	43	2271891	512.739	ug/l	100
24) 1,1-Dichloroethane	5.914	63	456073	99.510	ug/l	99
25) 2-Butanone	6.890	43	341489	478.150	ug/l	99
26) 2,2-Dichloropropane	6.884	77	402163	92.822	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	279676	98.523	ug/l	99
28) Bromochloromethane	7.243	49	175710	113.661	ug/l	98
29) Tetrahydrofuran	7.262	42	230877	512.090	ug/l	100
30) Chloroform	7.420	83	457070	105.160	ug/l	97
31) Cyclohexane	7.701	56	407104	92.899	ug/l	98
32) 1,1,1-Trichloroethane	7.615	97	415073	98.578	ug/l	100
36) 1,1-Dichloropropene	7.835	75	337138	96.854	ug/l	99
37) Ethyl Acetate	6.981	43	160241	97.867	ug/l	100
38) Carbon Tetrachloride	7.817	117	377406	97.998	ug/l	100
39) Methylcyclohexane	9.109	83	440006	96.986	ug/l	99
40) Benzene	8.079	78	1000543	98.064	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	99381	114.810	ug/l #	86
42) 1,2-Dichloroethane	8.158	62	270045	99.793	ug/l	100
43) Isopropyl Acetate	8.195	43	318902	102.879	ug/l	99
44) Trichloroethene	8.865	130	245474	97.912	ug/l	99
45) 1,2-Dichloropropane	9.139	63	238605	100.062	ug/l	99
46) Dibromomethane	9.231	93	126063	100.032	ug/l	99
47) Bromodichloromethane	9.420	83	339720	99.796	ug/l	97
48) Methyl methacrylate	9.219	41	154845	105.079	ug/l	99
49) 1,4-Dioxane	9.225	88	29870	2066.774	ug/l	97
51) 4-Methyl-2-Pentanone	9.993	43	814840	498.015	ug/l	100
52) Toluene	10.170	92	631368	99.573	ug/l	100
53) t-1,3-Dichloropropene	10.389	75	330795	104.287	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	386715	102.884	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	167205	100.352	ug/l	95
56) Ethyl methacrylate	10.438	69	263694	109.090	ug/l	98
57) 1,3-Dichloropropane	10.712	76	299884	100.965	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.706	63	536306	527.303	ug/l	100
59) 2-Hexanone	10.755	43	548285	521.929	ug/l	99
60) Dibromochloromethane	10.907	129	228154	102.389	ug/l	99
61) 1,2-Dibromoethane	11.011	107	156883	101.225	ug/l	100
64) Tetrachloroethene	10.645	164	215415	94.803	ug/l	97
65) Chlorobenzene	11.438	112	667347	98.800	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	229790	99.489	ug/l	99
67) Ethyl Benzene	11.517	91	1228775	98.607	ug/l	99
68) m/p-Xylenes	11.627	106	910536	196.521	ug/l	99
69) o-Xylene	11.956	106	428727	99.174	ug/l	97
70) Styrene	11.968	104	725167	100.401	ug/l	100
71) Bromoform	12.133	173	131589	101.332	ug/l #	98
73) Isopropylbenzene	12.255	105	1150948	98.191	ug/l	100
74) N-amyl acetate	12.066	43	292377	106.582	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	190664	100.209	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	256421	185.352	ug/l #	100
77) Bromobenzene	12.529	156	253587	99.317	ug/l	100
78) n-propylbenzene	12.596	91	1383699	97.980	ug/l	99
79) 2-Chlorotoluene	12.675	91	787764	99.147	ug/l	99
80) 1,3,5-Trimethylbenzene	12.736	105	933106	98.108	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	70365	105.852	ug/l	100
82) 4-Chlorotoluene	12.779	91	804177	97.558	ug/l	100
83) tert-Butylbenzene	12.999	119	853675	99.108	ug/l	100
84) 1,2,4-Trimethylbenzene	13.041	105	921051	98.727	ug/l	99
85) sec-Butylbenzene	13.175	105	1220465	97.450	ug/l	100
86) p-Isopropyltoluene	13.291	119	1023181	99.089	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	492097	97.633	ug/l	99
88) 1,4-Dichlorobenzene	13.364	146	482756	96.707	ug/l	99
89) n-Butylbenzene	13.614	91	966758	98.789	ug/l	99
90) Hexachloroethane	13.883	117	202399	98.910	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	430383	98.552	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	30584	99.008	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	276806	104.790	ug/l	99
94) Hexachlorobutadiene	15.023	225	170325	98.635	ug/l	99
95) Naphthalene	15.145	128	511948	113.046	ug/l	99
96) 1,2,3-Trichlorobenzene	15.327	180	234803	105.207	ug/l	99

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ClientSampleId :
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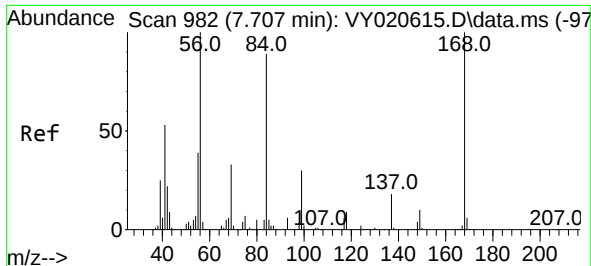
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Quant Title : SW846 8260
QLast Update : Wed Dec 18 04:39:18 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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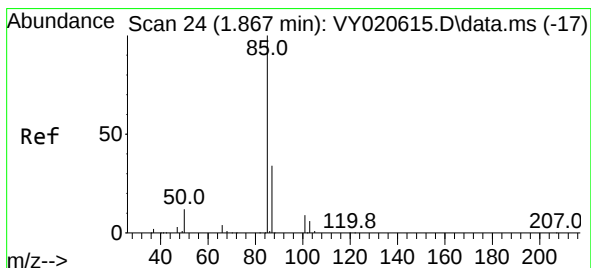
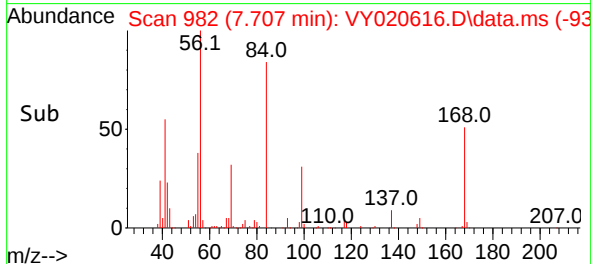
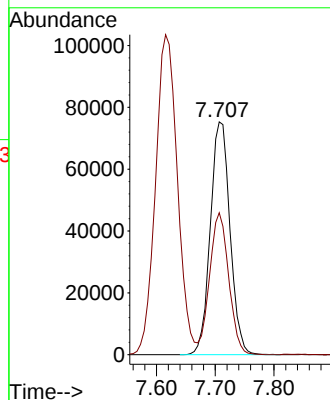
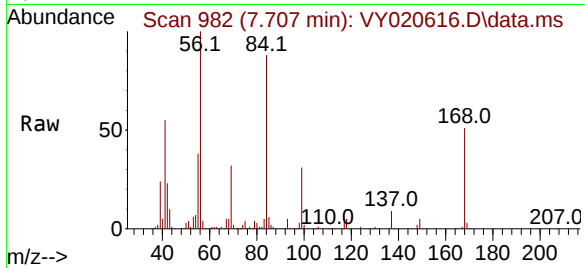




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY020616.D
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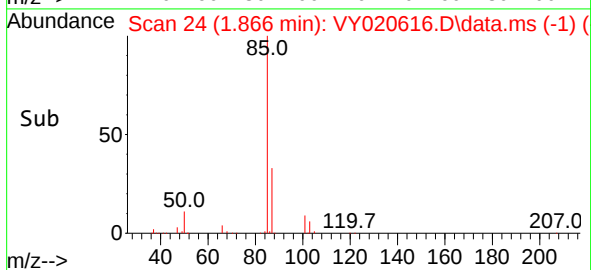
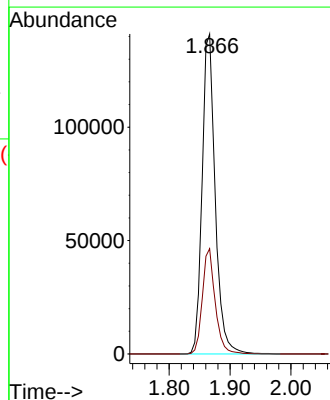
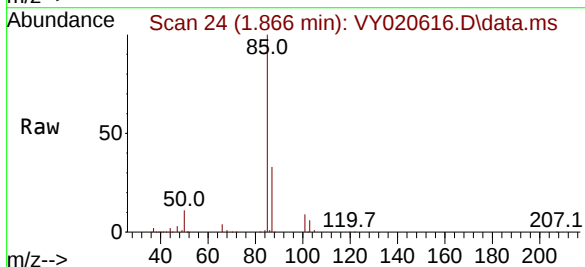
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

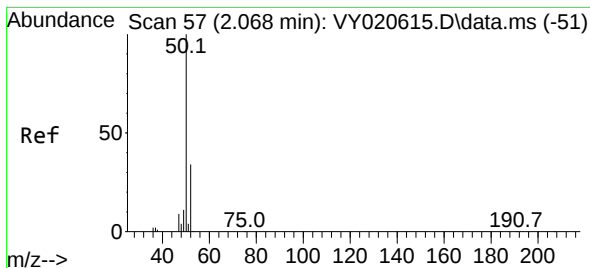
Tgt Ion:168 Resp: 175469
Ion Ratio Lower Upper
168 100
99 61.0 47.0 70.6



#2
Dichlorodifluoromethane
Concen: 96.249 ug/l
RT: 1.866 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

Tgt Ion: 85 Resp: 210949
Ion Ratio Lower Upper
85 100
87 32.9 16.8 50.3

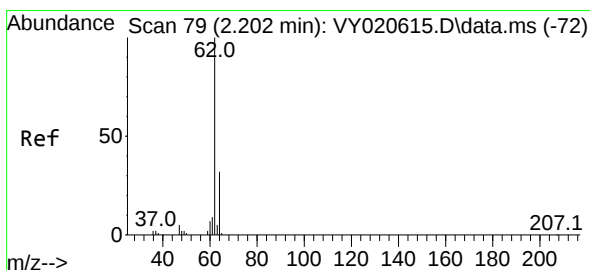
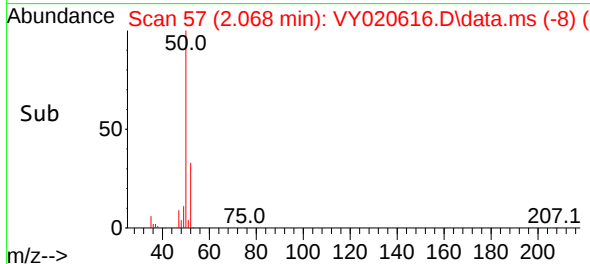
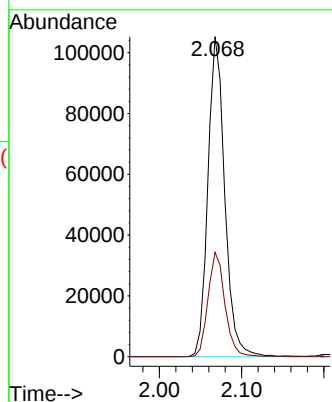
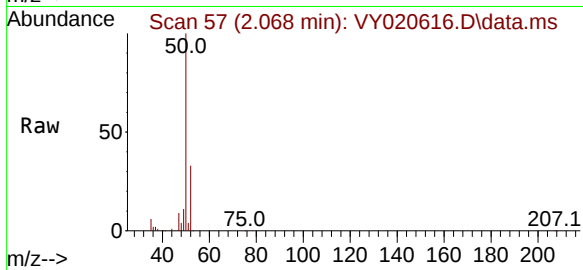




#3
Chloromethane
Concen: 92.044 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

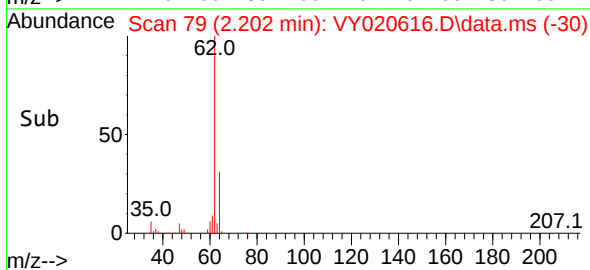
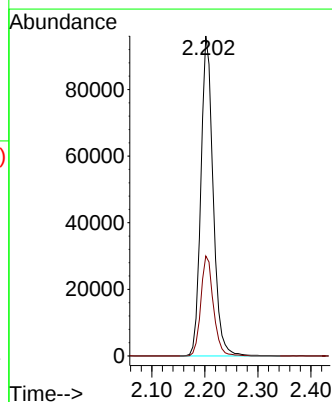
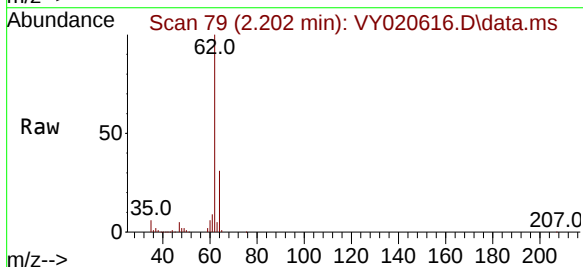
Instrument :
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ClientSampleId :
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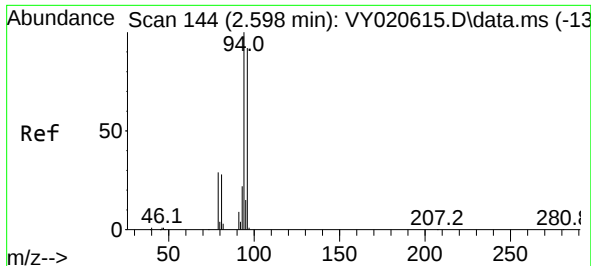
Tgt Ion: 50 Resp: 149471
Ion Ratio Lower Upper
50 100
52 32.6 26.8 40.2



#4
Vinyl Chloride
Concen: 102.062 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

Tgt Ion: 62 Resp: 154262
Ion Ratio Lower Upper
62 100
64 31.3 25.3 37.9

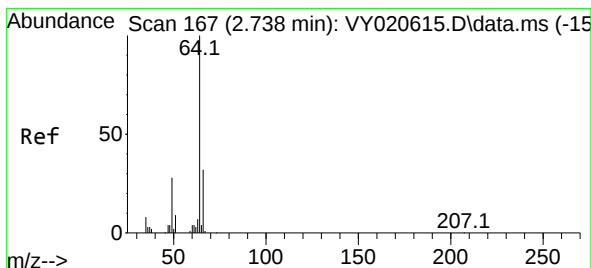
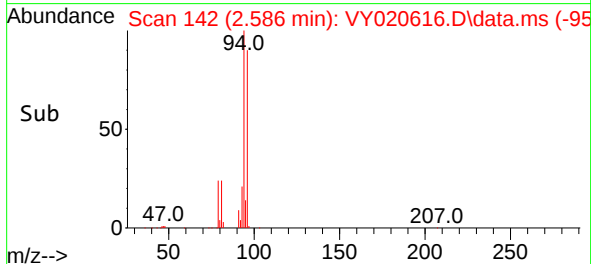
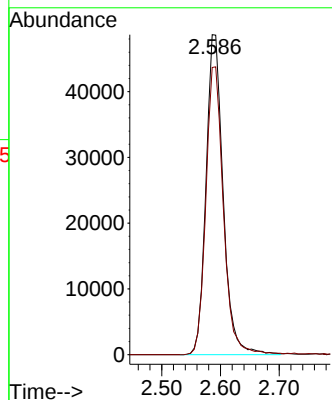
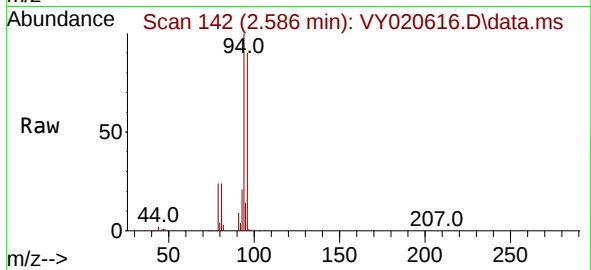




#5
Bromomethane
Concen: 101.715 ug/l
RT: 2.586 min Scan# 144
Delta R.T. -0.012 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

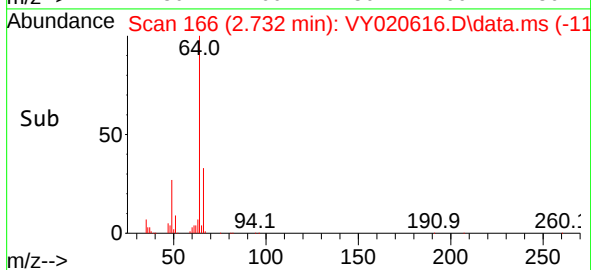
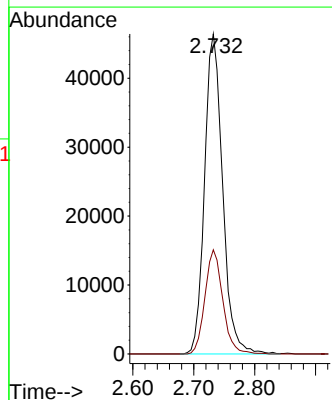
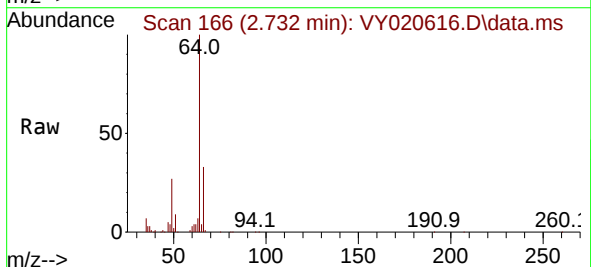
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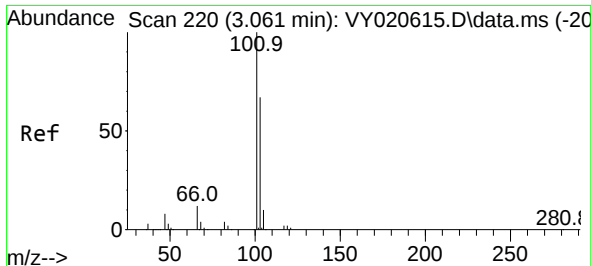
Tgt Ion: 94 Resp: 98824
Ion Ratio Lower Upper
94 100
96 89.7 73.8 110.6



#6
Chloroethane
Concen: 102.376 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

Tgt Ion: 64 Resp: 95621
Ion Ratio Lower Upper
64 100
66 32.6 25.8 38.6

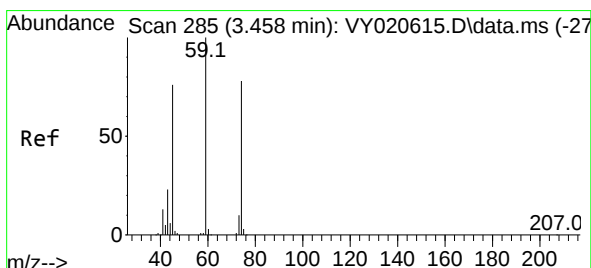
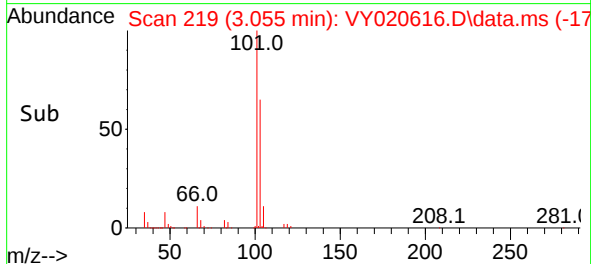
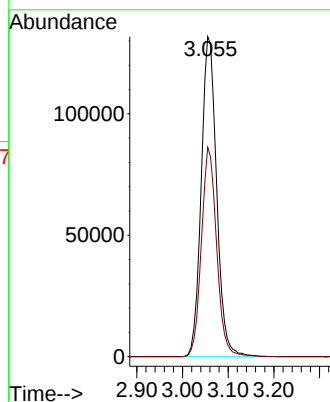
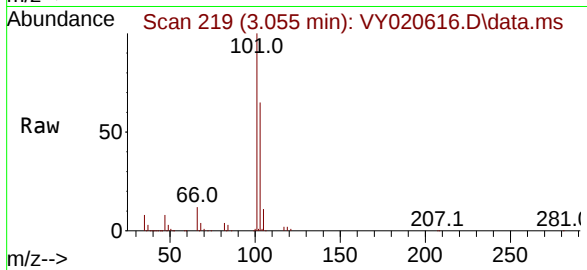




#7
 Trichlorofluoromethane
 Concen: 97.464 ug/l
 RT: 3.055 min Scan# 219
 Delta R.T. -0.006 min
 Lab File: VY020616.D
 Acq: 17 Dec 2024 11:14

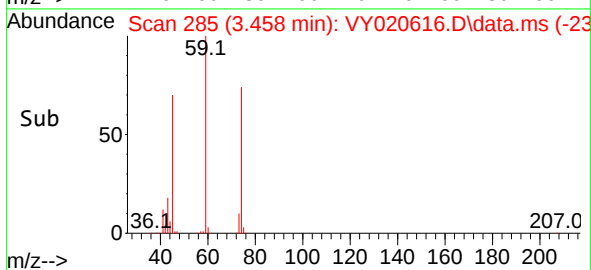
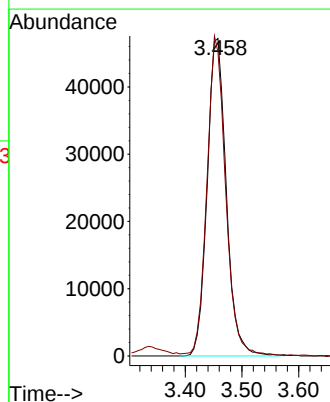
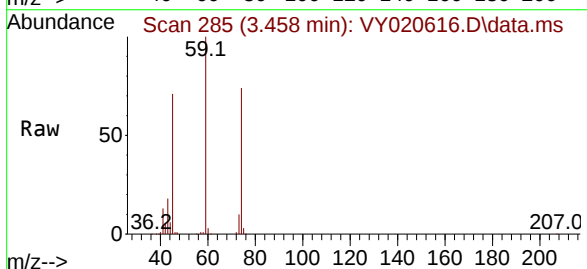
Instrument :
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 VSTDIC100

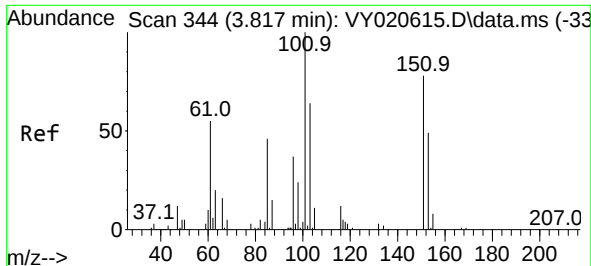
Tgt Ion:101 Resp: 308242
 Ion Ratio Lower Upper
 101 100
 103 65.4 53.4 80.0



#8
 Diethyl Ether
 Concen: 99.599 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. -0.000 min
 Lab File: VY020616.D
 Acq: 17 Dec 2024 11:14

Tgt Ion: 74 Resp: 110471
 Ion Ratio Lower Upper
 74 100
 45 98.7 49.0 147.2

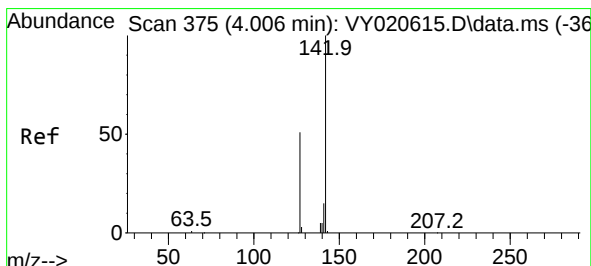
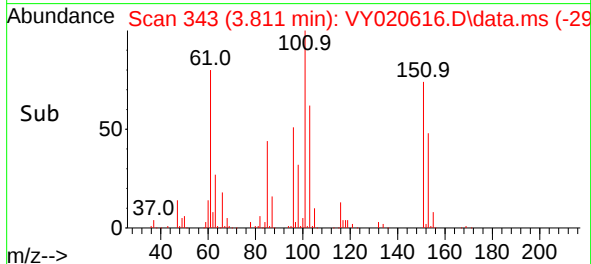
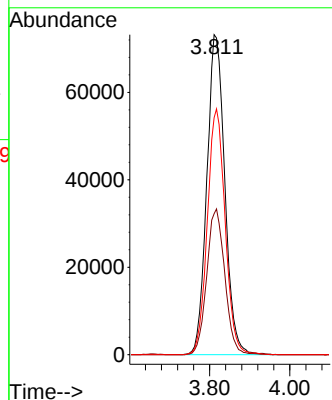
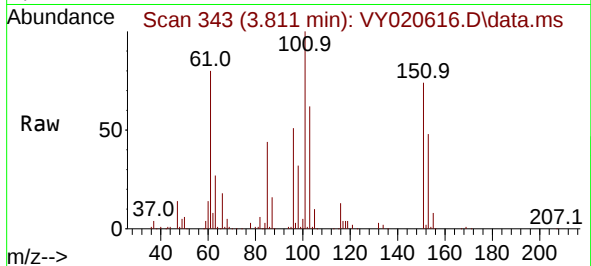




#9
1,1,2-Trichlorotrifluoroethane
Concen: 100.469 ug/l
RT: 3.811 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY020616.D
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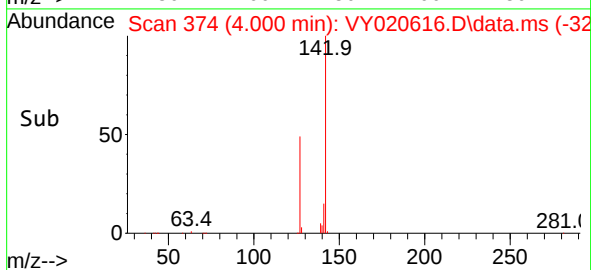
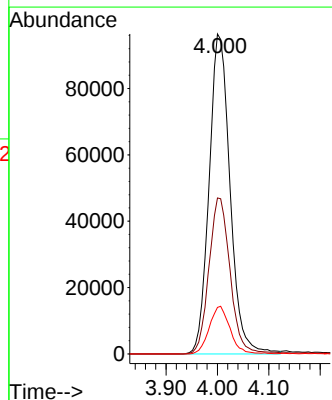
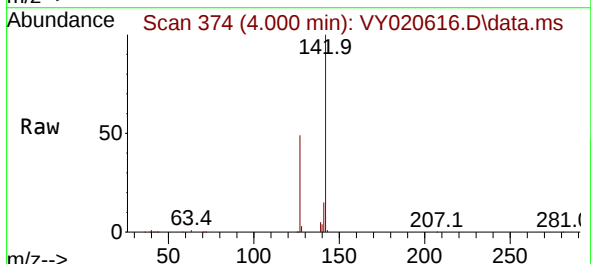
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

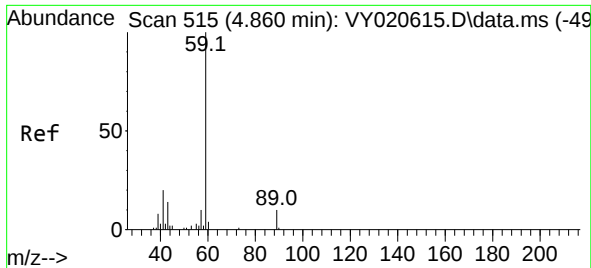
Tgt Ion:101 Resp: 227753
Ion Ratio Lower Upper
101 100
85 45.9 36.6 54.8
151 76.3 61.5 92.3



#10
Methyl Iodide
Concen: 108.168 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

Tgt Ion:142 Resp: 272999
Ion Ratio Lower Upper
142 100
127 49.5 40.6 61.0
141 14.8 11.7 17.5

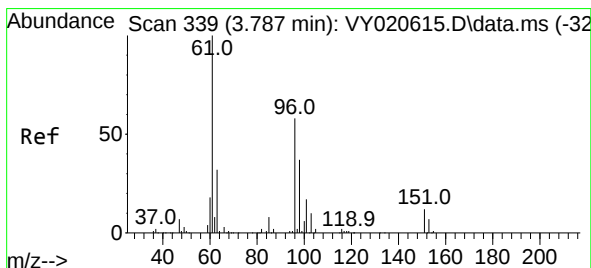
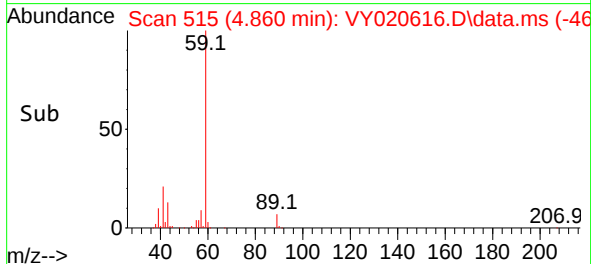
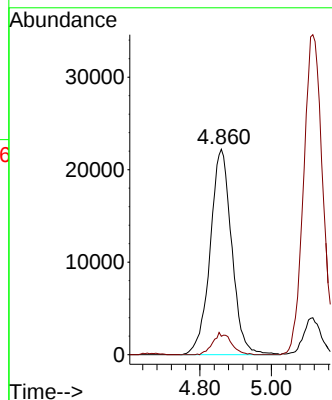
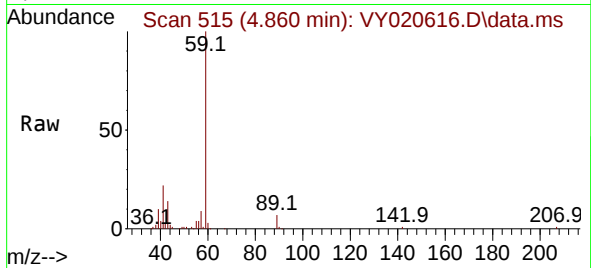




#11
Tert butyl alcohol
Concen: 533.746 ug/l
RT: 4.860 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

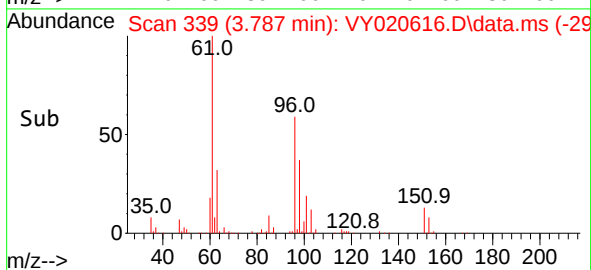
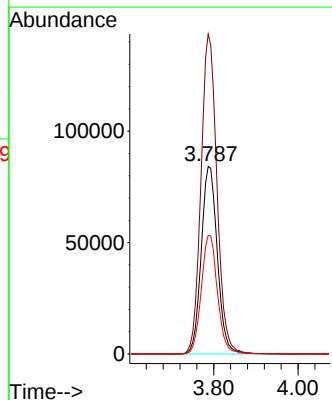
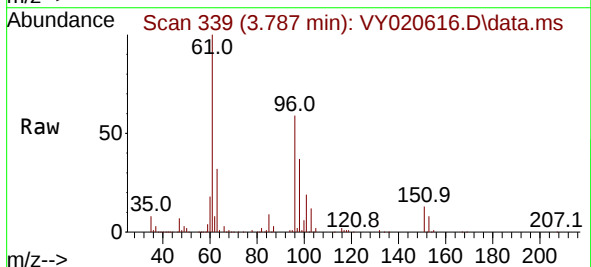
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

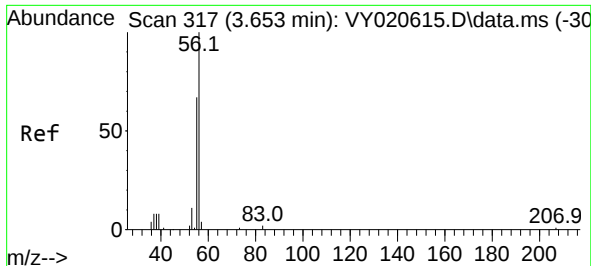
Tgt Ion: 59 Resp: 92710
Ion Ratio Lower Upper
59 100
57 9.1 7.4 11.0



#12
1,1-Dichloroethene
Concen: 101.847 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

Tgt Ion: 96 Resp: 224015
Ion Ratio Lower Upper
96 100
61 170.6 136.9 205.3
98 63.2 50.2 75.4

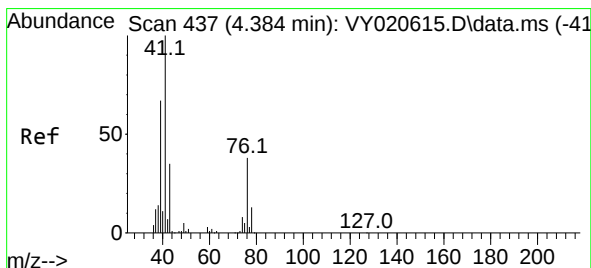
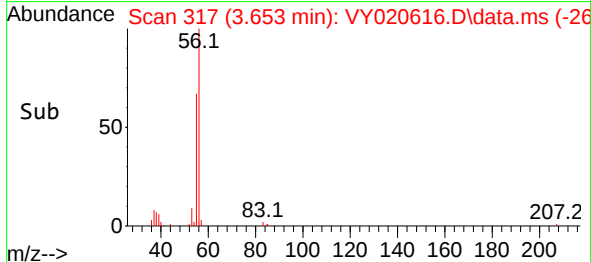
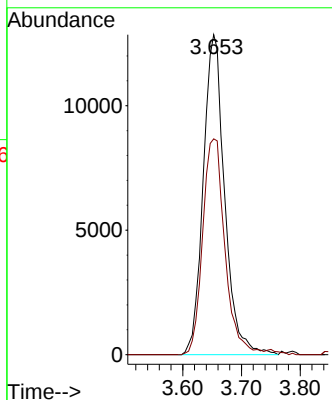
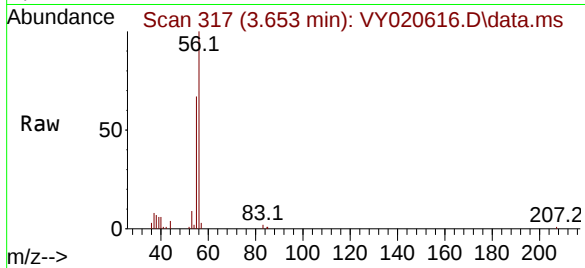




#13
Acrolein
Concen: 357.929 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.000 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

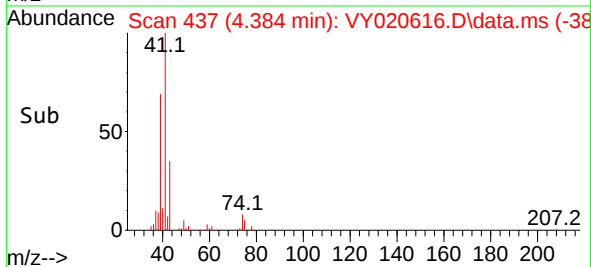
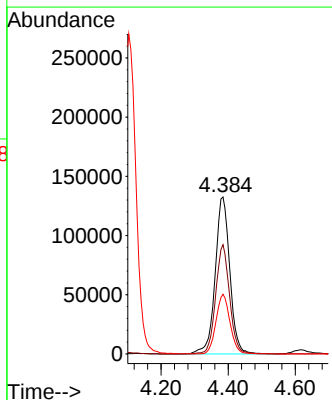
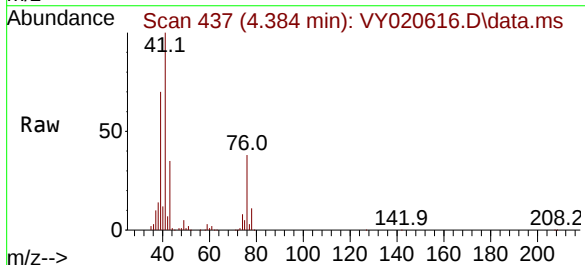
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

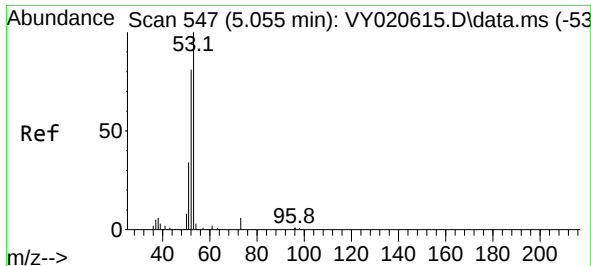
Tgt Ion: 56 Resp: 32525
Ion Ratio Lower Upper
56 100
55 70.0 57.5 86.3



#14
Allyl chloride
Concen: 104.161 ug/l
RT: 4.384 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

Tgt Ion: 41 Resp: 401452
Ion Ratio Lower Upper
41 100
39 66.2 53.0 79.4
76 36.1 29.5 44.3

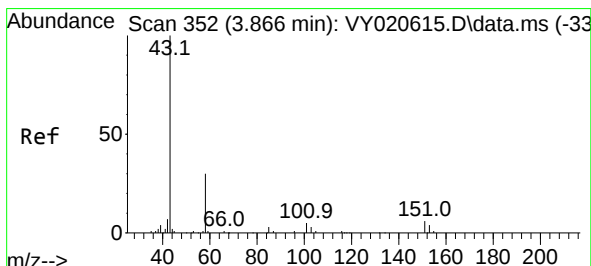
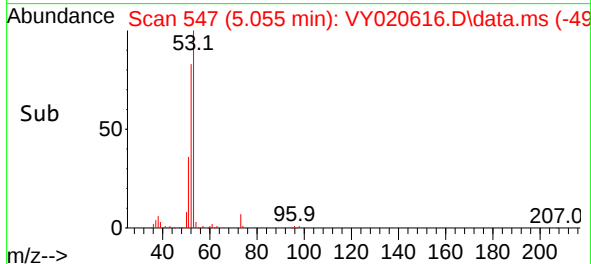
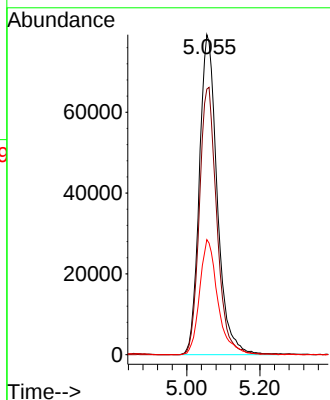
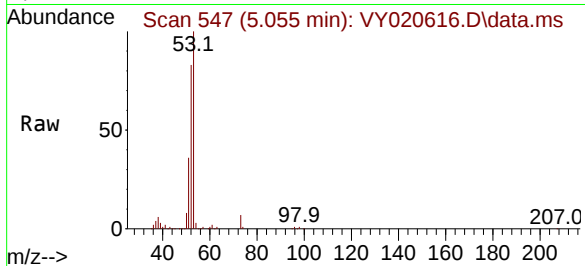




#15
Acrylonitrile
Concen: 506.539 ug/l
RT: 5.055 min Scan# 547
Delta R.T. -0.000 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

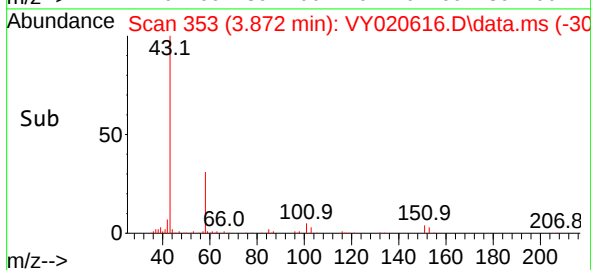
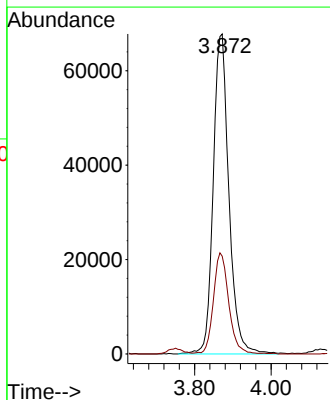
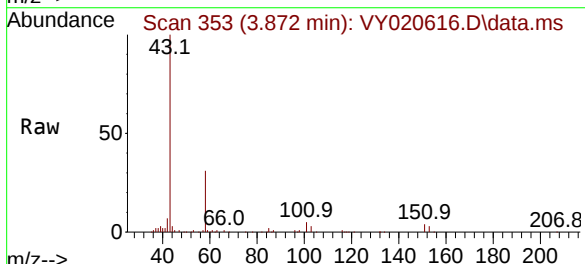
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

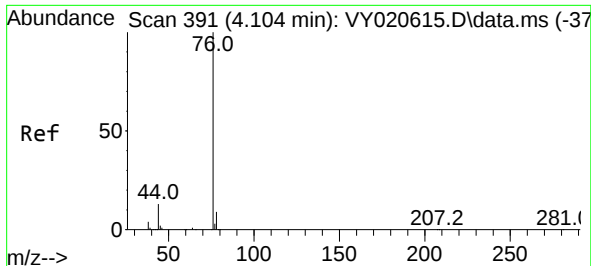
Tgt Ion: 53 Resp: 268782
Ion Ratio Lower Upper
53 100
52 81.7 64.5 96.7
51 36.7 29.4 44.0



#16
Acetone
Concen: 512.024 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

Tgt Ion: 43 Resp: 192907
Ion Ratio Lower Upper
43 100
58 30.6 25.0 37.6

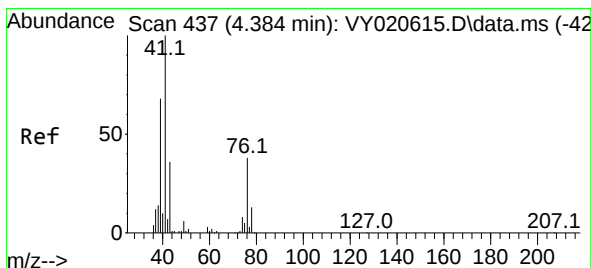
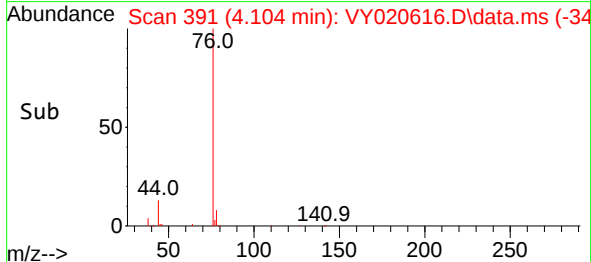
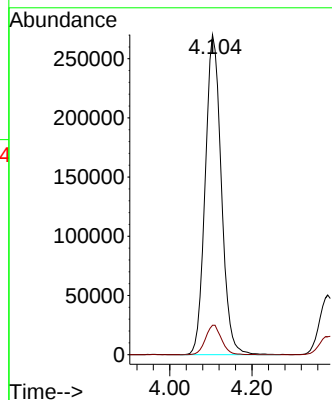
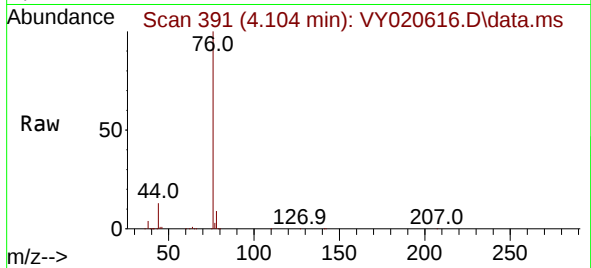




#17
Carbon Disulfide
Concen: 102.553 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

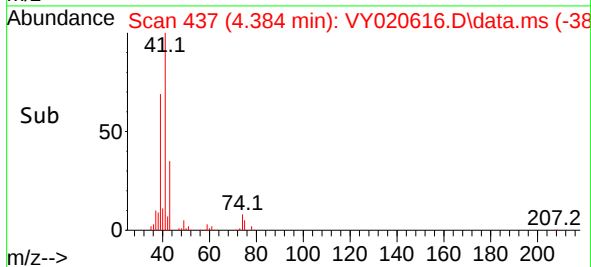
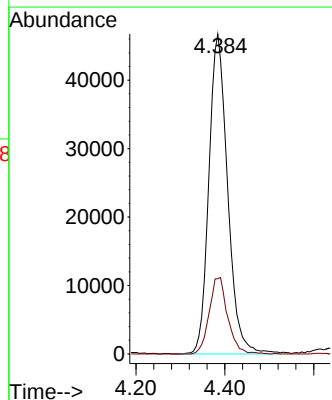
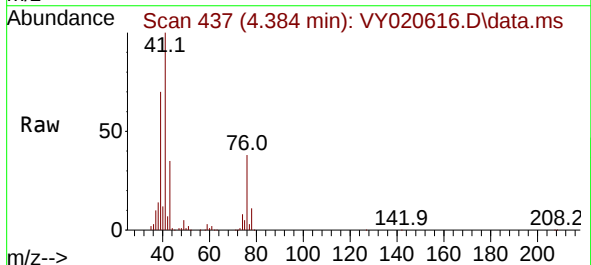
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

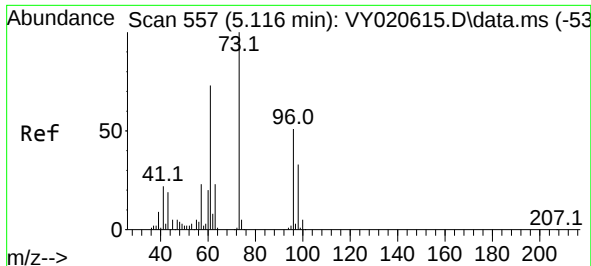
Tgt Ion: 76 Resp: 734236
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 104.906 ug/l
RT: 4.384 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

Tgt Ion: 43 Resp: 137166
Ion Ratio Lower Upper
43 100
74 23.5 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 102.132 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY020616.D

Acq: 17 Dec 2024 11:14

Instrument :

MSVOA_Y

ClientSampleId :

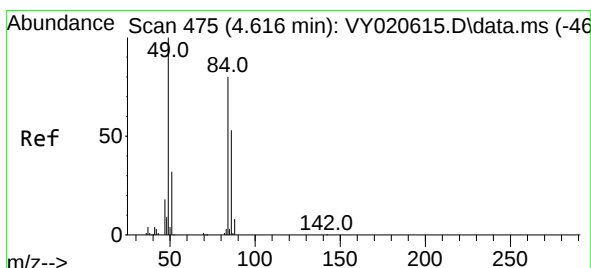
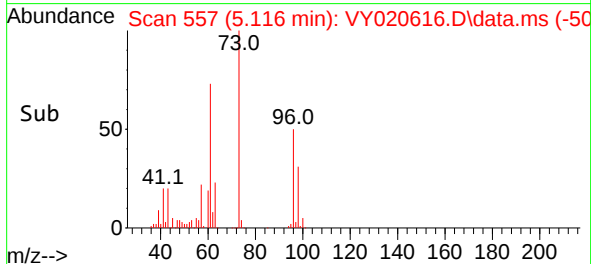
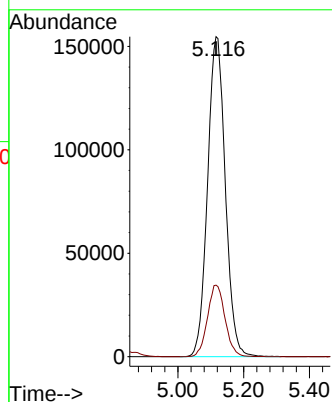
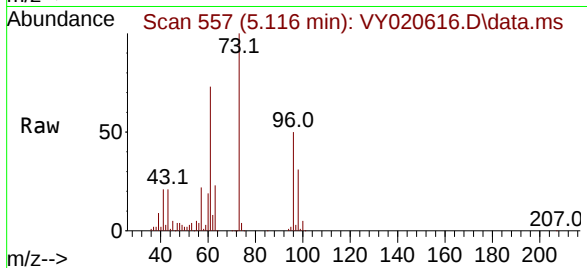
VSTDICC100

Tgt Ion: 73 Resp: 579813

Ion Ratio Lower Upper

73 100

57 22.4 18.5 27.7



#20

Methylene Chloride

Concen: 97.650 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY020616.D

Acq: 17 Dec 2024 11:14

Tgt Ion: 84 Resp: 233323

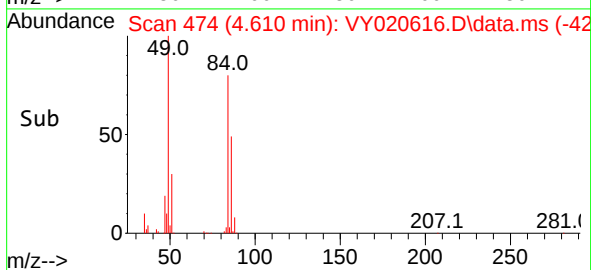
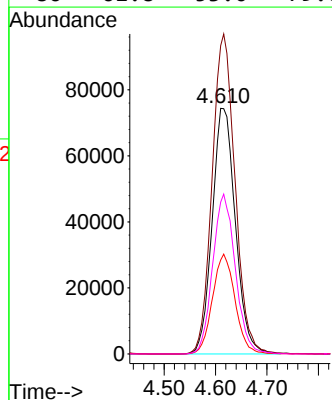
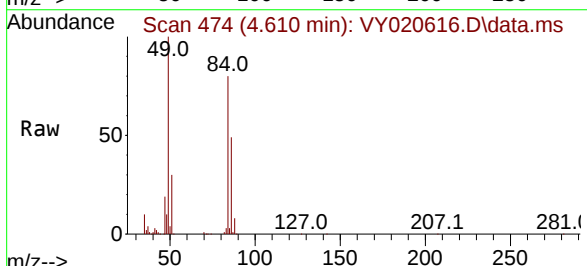
Ion Ratio Lower Upper

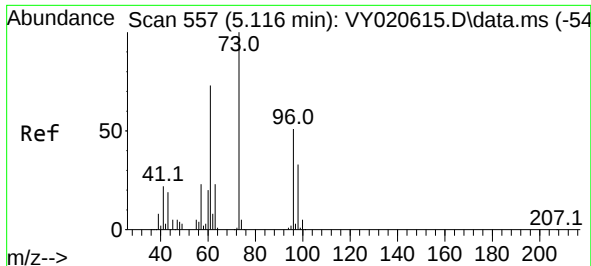
84 100

49 125.5 100.7 151.1

51 38.2 32.2 48.2

86 61.8 53.0 79.6

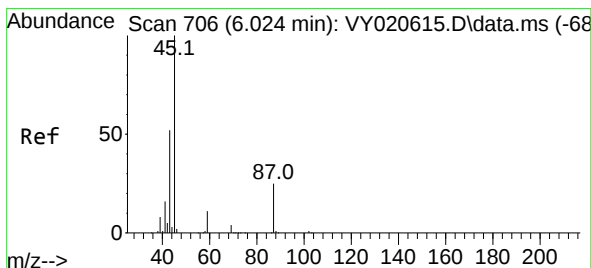
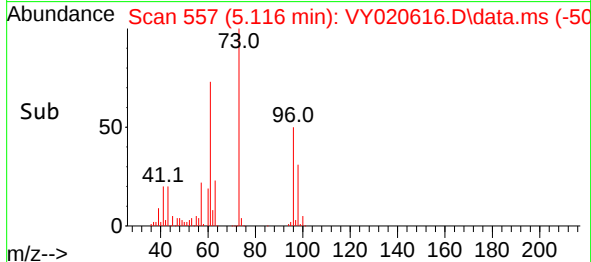
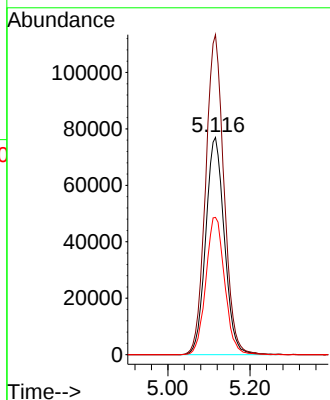
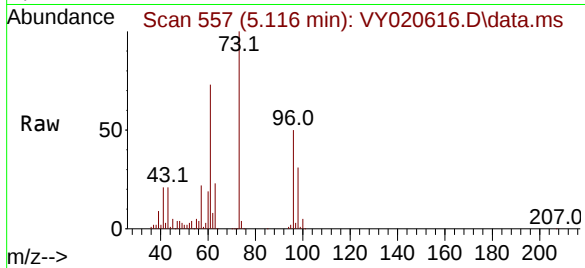




#21
trans-1,2-Dichloroethene
Concen: 98.365 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

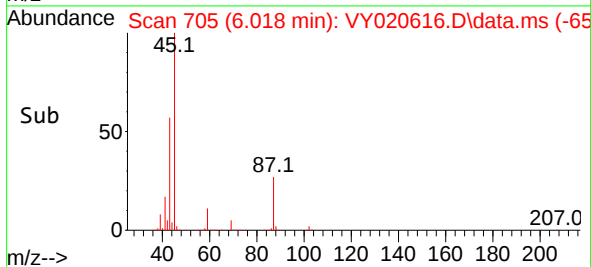
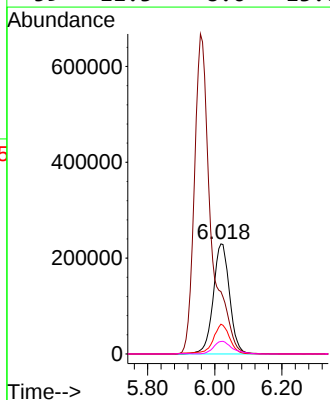
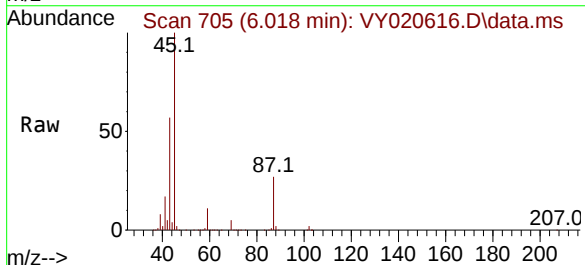
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

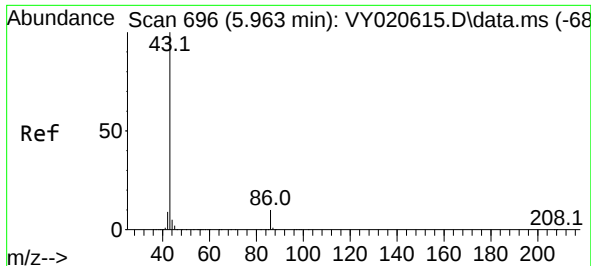
Tgt Ion: 96 Resp: 242695
Ion Ratio Lower Upper
96 100
61 147.3 113.7 170.5
98 63.2 51.7 77.5



#22
Diisopropyl ether
Concen: 99.391 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

Tgt Ion: 45 Resp: 777568
Ion Ratio Lower Upper
45 100
43 56.5 42.6 64.0
87 27.1 20.6 31.0
59 11.3 8.6 13.0

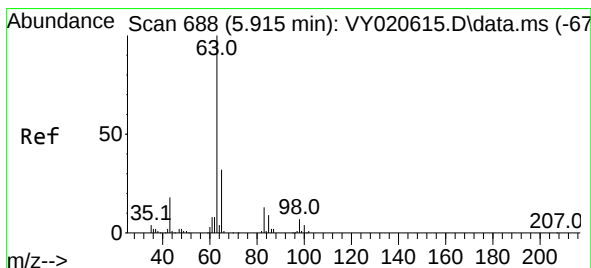
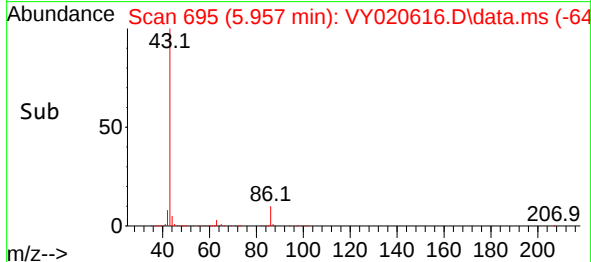
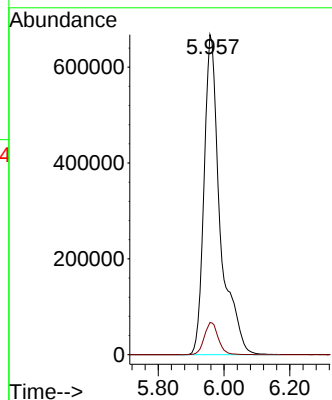
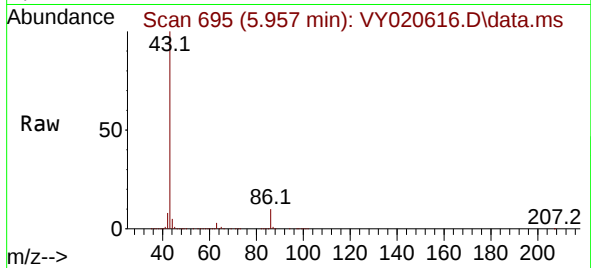




#23
 Vinyl Acetate
 Concen: 512.739 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. -0.006 min
 Lab File: VY020616.D
 Acq: 17 Dec 2024 11:14

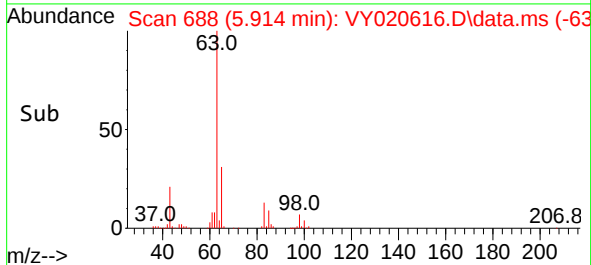
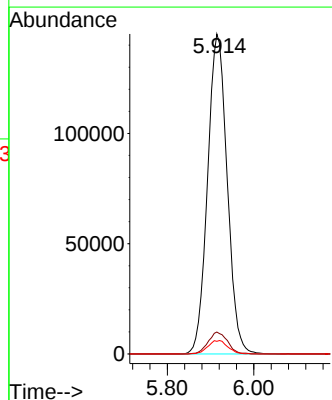
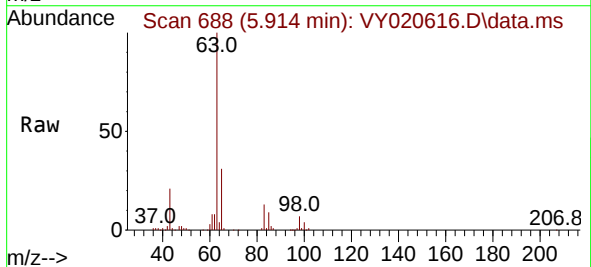
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

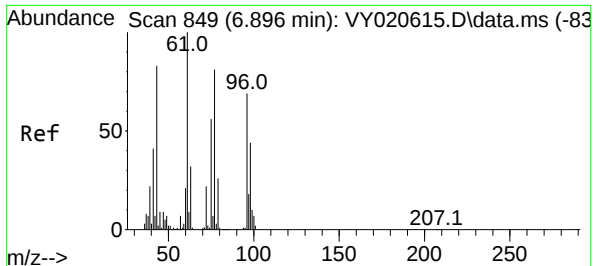
Tgt Ion: 43 Resp: 2271891
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 99.510 ug/l
 RT: 5.914 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY020616.D
 Acq: 17 Dec 2024 11:14

Tgt Ion: 63 Resp: 456073
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.1
 100 4.0 2.1 6.5

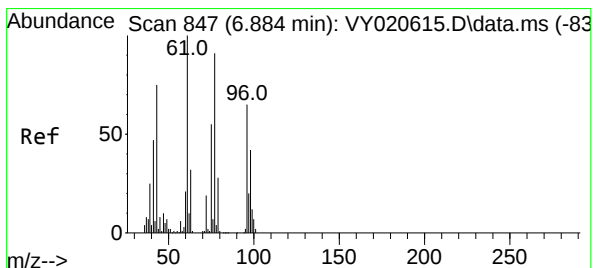
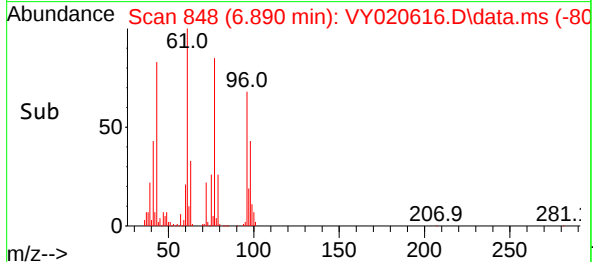
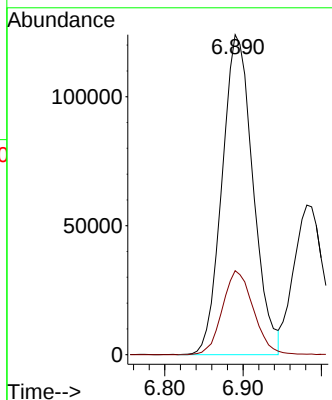
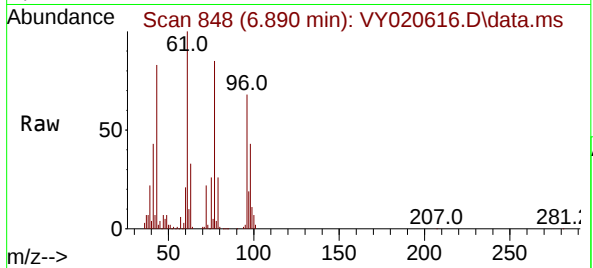




#25
2-Butanone
Concen: 478.150 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

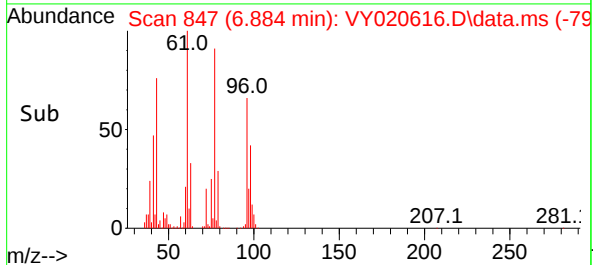
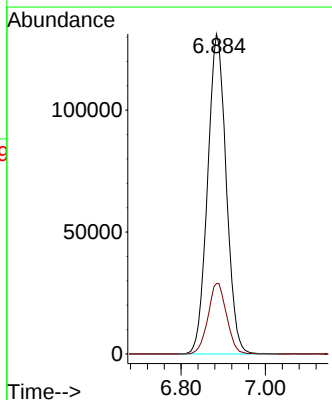
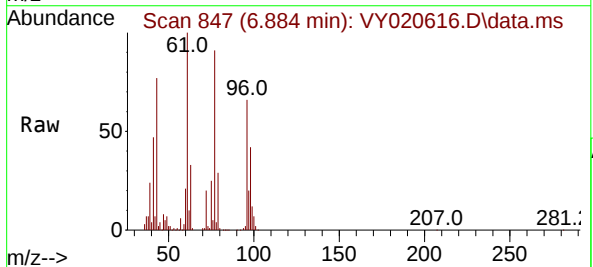
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

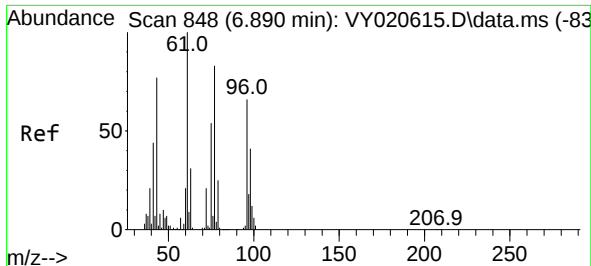
Tgt Ion: 43 Resp: 341489
Ion Ratio Lower Upper
43 100
72 26.2 20.6 31.0



#26
2,2-Dichloropropane
Concen: 92.822 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

Tgt Ion: 77 Resp: 402163
Ion Ratio Lower Upper
77 100
97 22.0 10.9 32.6

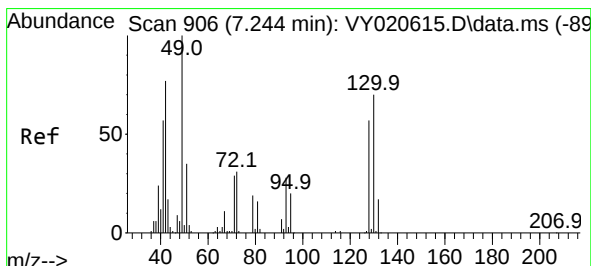
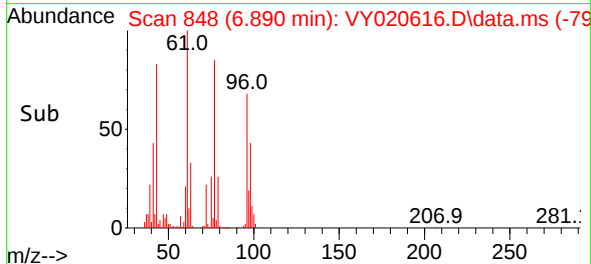
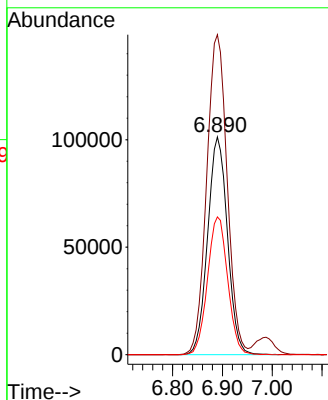
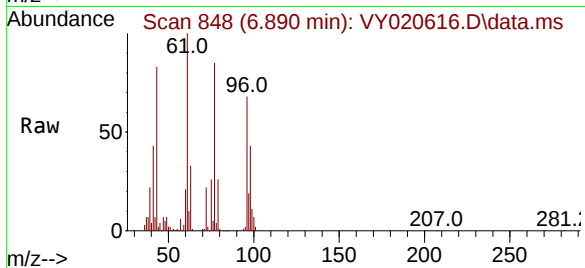




#27
 cis-1,2-Dichloroethene
 Concen: 98.523 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. -0.000 min
 Lab File: VY020616.D
 Acq: 17 Dec 2024 11:14

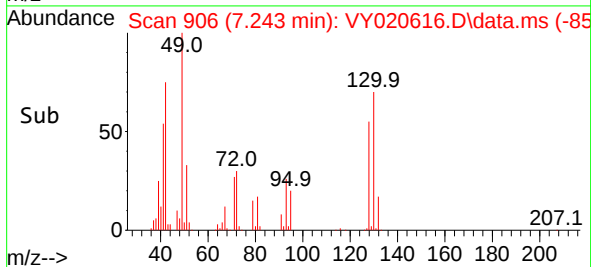
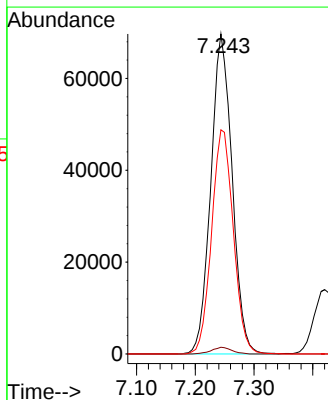
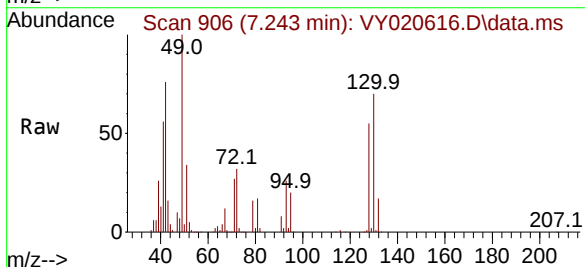
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

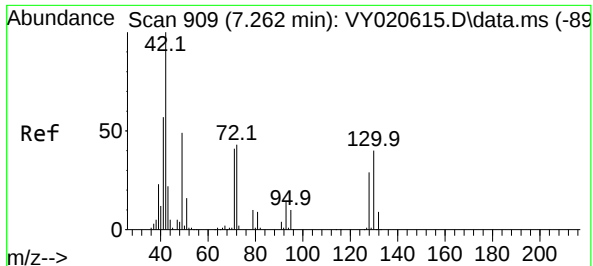
Tgt Ion: 96 Resp: 279676
 Ion Ratio Lower Upper
 96 100
 61 151.7 0.0 306.2
 98 64.4 0.0 127.2



#28
 Bromochloromethane
 Concen: 113.661 ug/l
 RT: 7.243 min Scan# 906
 Delta R.T. -0.000 min
 Lab File: VY020616.D
 Acq: 17 Dec 2024 11:14

Tgt Ion: 49 Resp: 175710
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 71.4 58.3 87.5





#29

Tetrahydrofuran

Concen: 512.090 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY020616.D

Acq: 17 Dec 2024 11:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

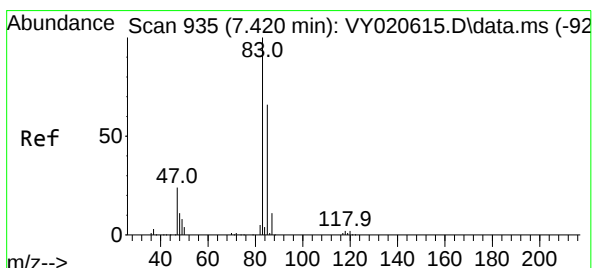
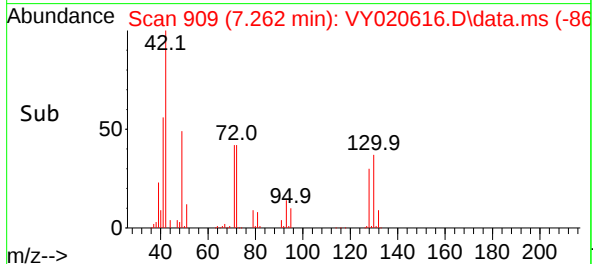
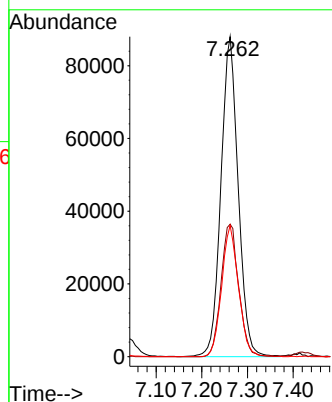
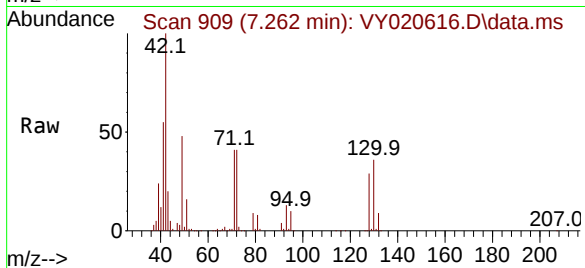
Tgt Ion: 42 Resp: 230877

Ion Ratio Lower Upper

42 100

72 42.4 34.0 51.0

71 39.9 31.6 47.4



#30

Chloroform

Concen: 105.160 ug/l

RT: 7.420 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY020616.D

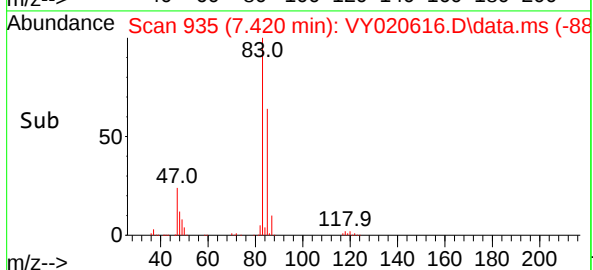
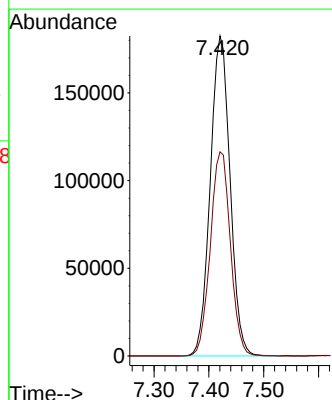
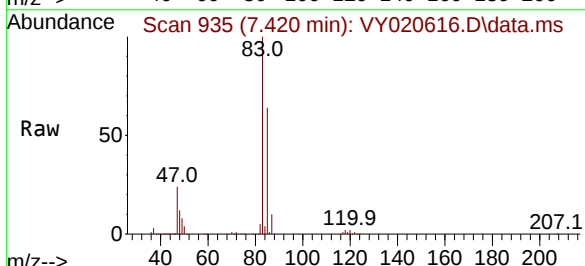
Acq: 17 Dec 2024 11:14

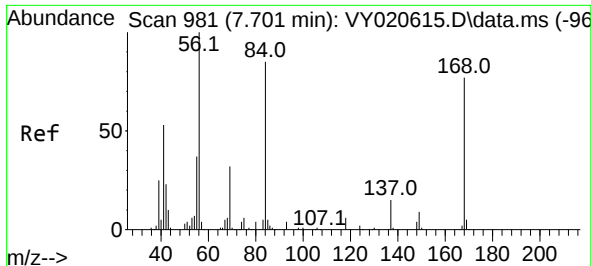
Tgt Ion: 83 Resp: 457070

Ion Ratio Lower Upper

83 100

85 63.8 52.7 79.1

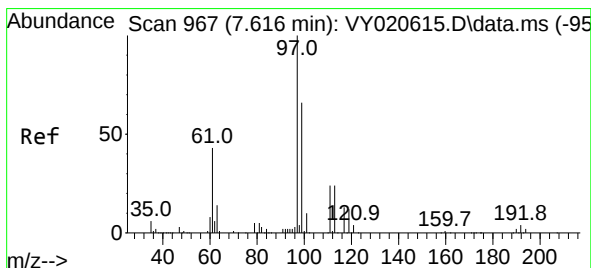
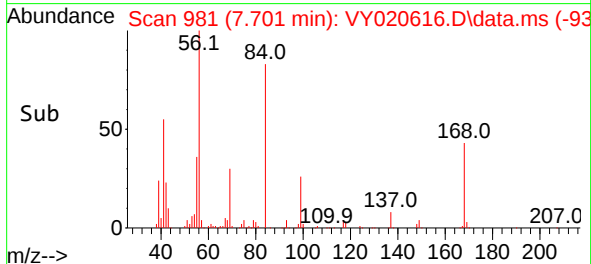
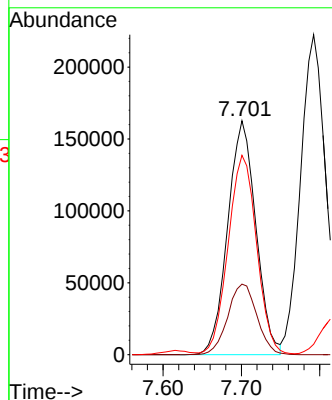
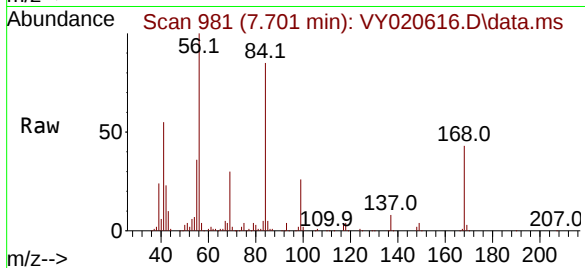




#31
Cyclohexane
Concen: 92.899 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

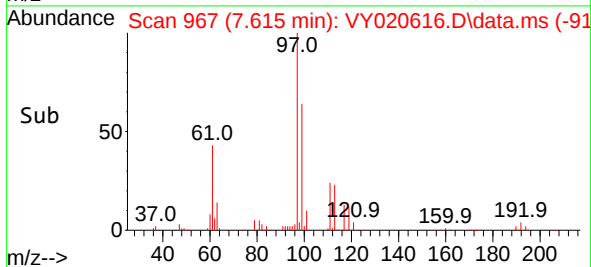
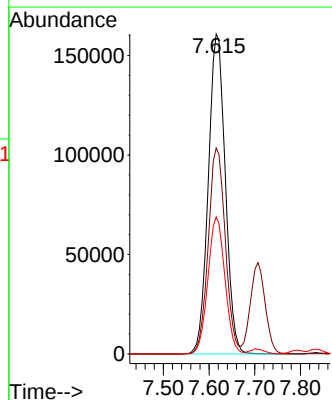
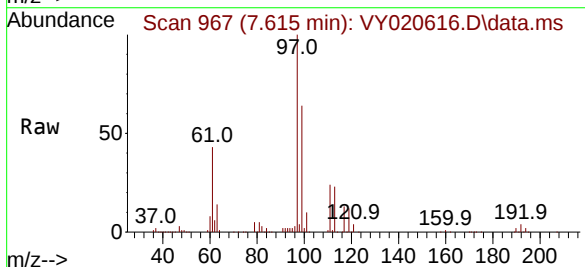
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

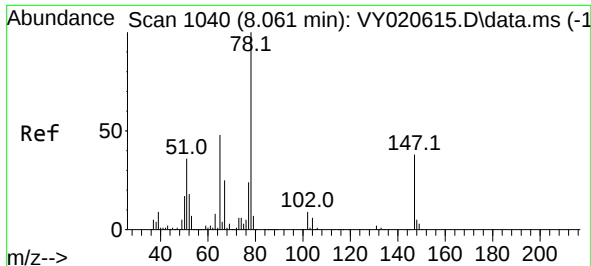
Tgt Ion: 56 Resp: 407104
Ion Ratio Lower Upper
56 100
69 30.2 25.4 38.0
84 83.7 68.3 102.5



#32
1,1,1-Trichloroethane
Concen: 98.578 ug/l
RT: 7.615 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

Tgt Ion: 97 Resp: 415073
Ion Ratio Lower Upper
97 100
99 64.7 51.6 77.4
61 43.0 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 92.612 ug/l

RT: 8.060 min Scan# 11040

Delta R.T. -0.000 min

Lab File: VY020616.D

Acq: 17 Dec 2024 11:14

Instrument :

MSVOA_Y

ClientSampleId :

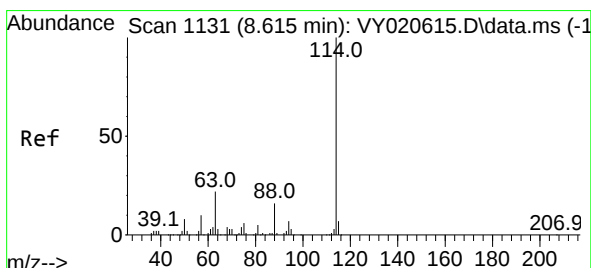
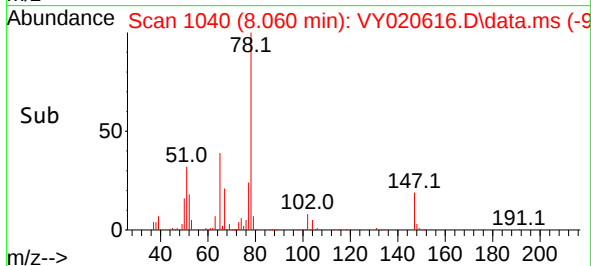
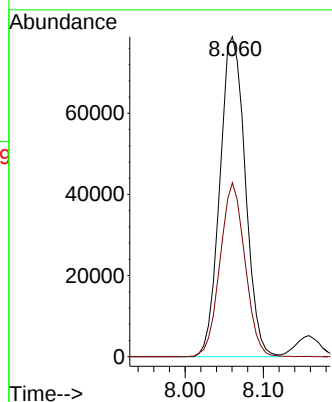
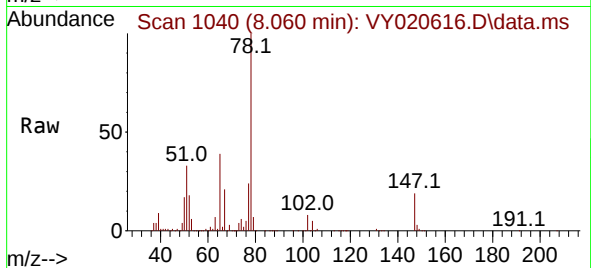
VSTDIC100

Tgt Ion: 65 Resp: 177978

Ion Ratio Lower Upper

65 100

67 53.2 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY020616.D

Acq: 17 Dec 2024 11:14

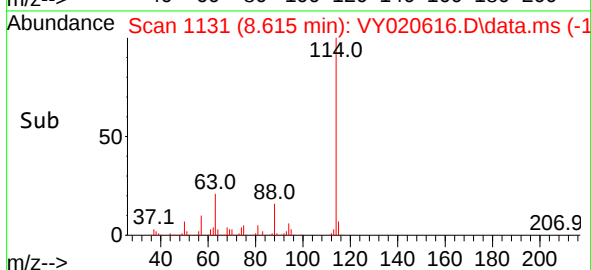
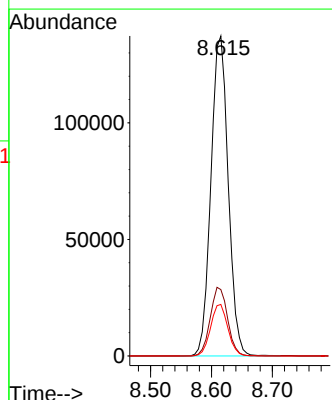
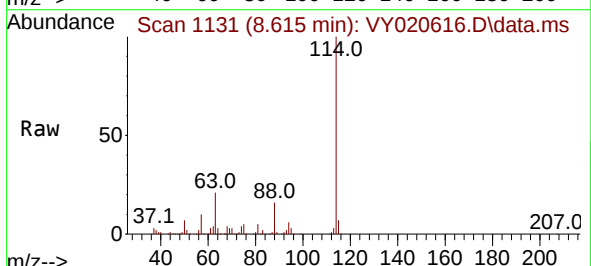
Tgt Ion: 114 Resp: 270859

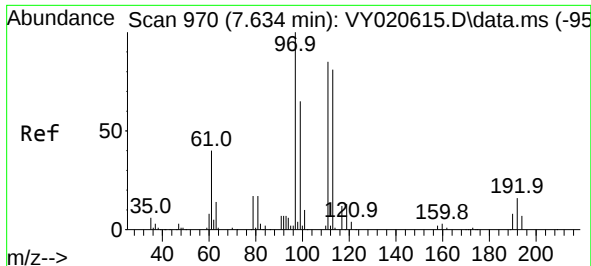
Ion Ratio Lower Upper

114 100

63 20.8 0.0 44.0

88 16.1 0.0 32.8

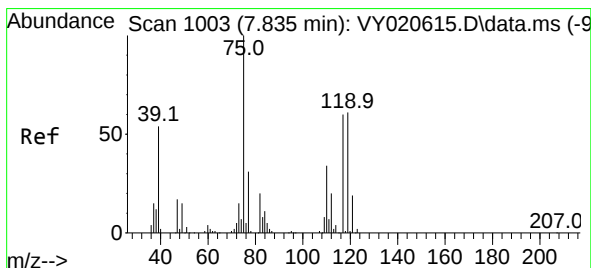
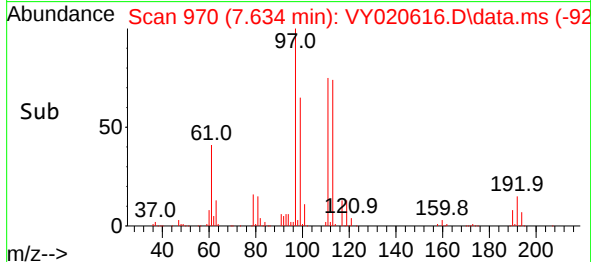
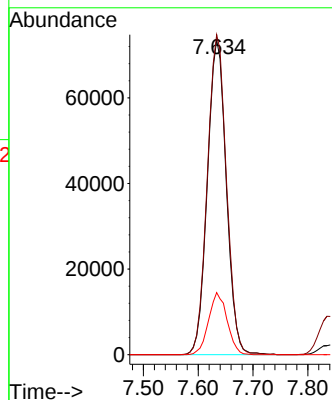
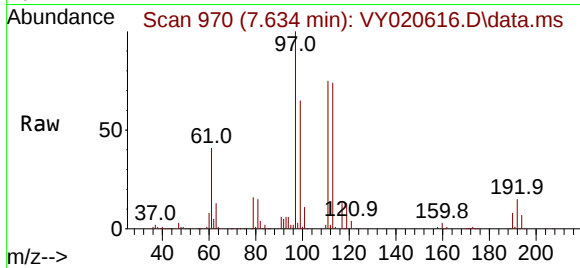




#35
Dibromofluoromethane
Concen: 92.118 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

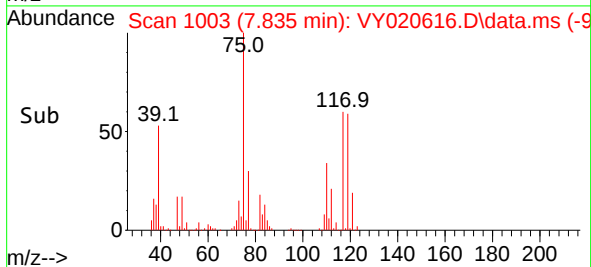
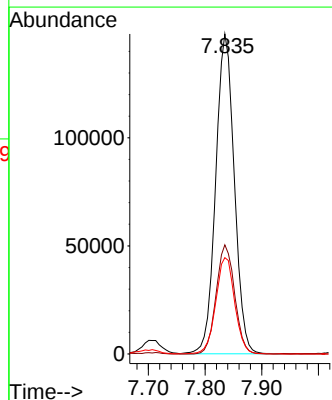
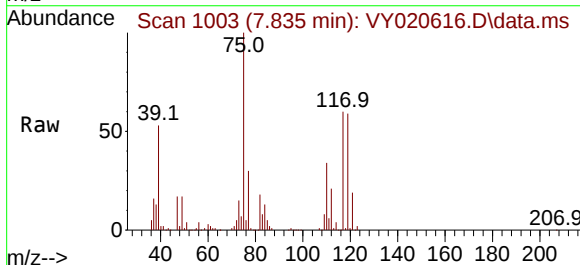
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

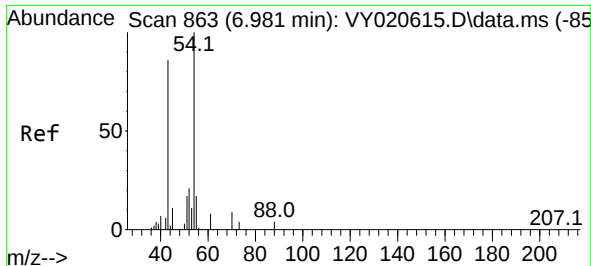
Tgt Ion:113 Resp: 175849
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 19.3 15.7 23.5



#36
1,1-Dichloropropene
Concen: 96.854 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

Tgt Ion: 75 Resp: 337138
Ion Ratio Lower Upper
75 100
110 33.9 16.8 50.4
77 30.7 25.0 37.6

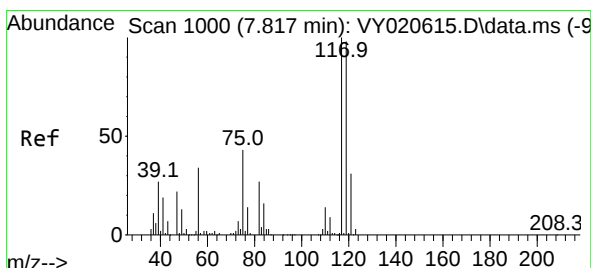
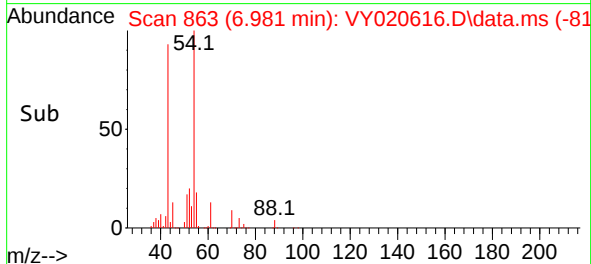
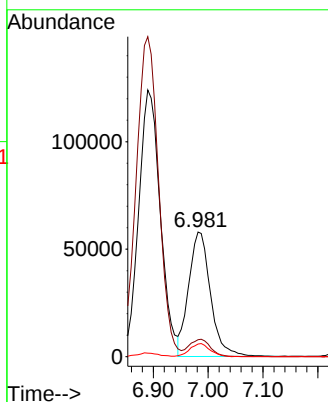
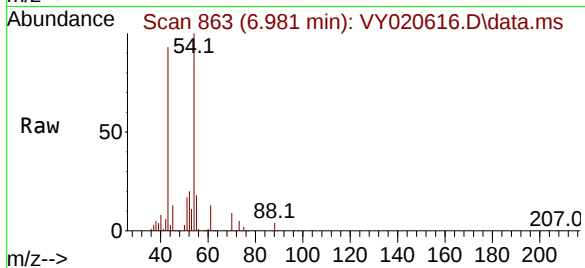




#37
Ethyl Acetate
Concen: 97.867 ug/l
RT: 6.981 min Scan# 863
Delta R.T. -0.000 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

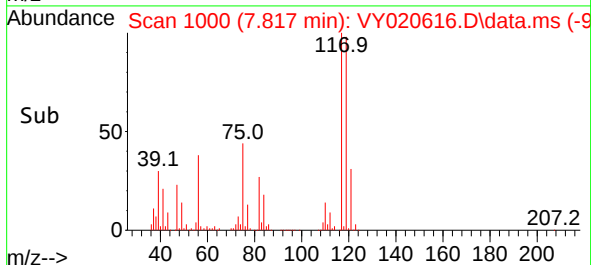
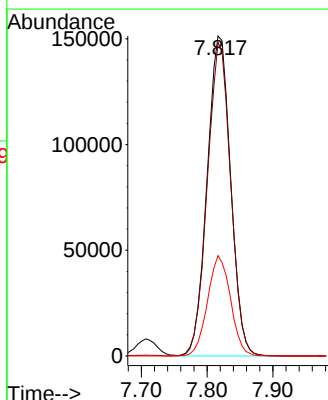
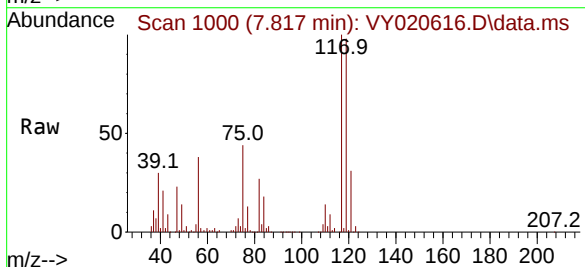
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

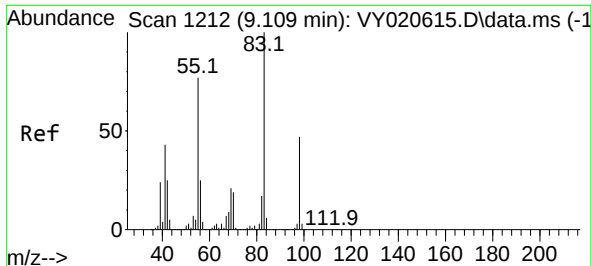
Tgt Ion: 43 Resp: 160241
Ion Ratio Lower Upper
43 100
61 13.7 11.0 16.4
70 9.9 7.9 11.9



#38
Carbon Tetrachloride
Concen: 97.998 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

Tgt Ion: 117 Resp: 377406
Ion Ratio Lower Upper
117 100
119 97.9 78.3 117.5
121 31.4 25.1 37.7

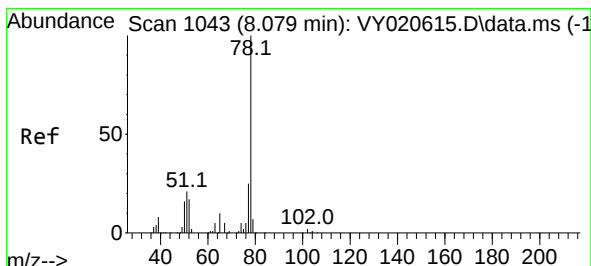
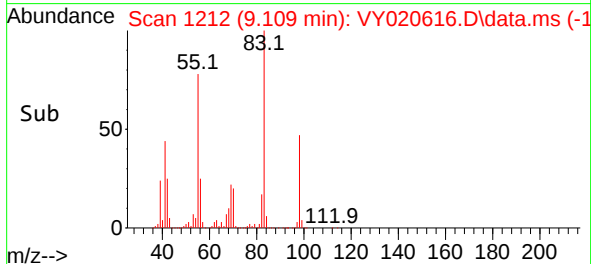
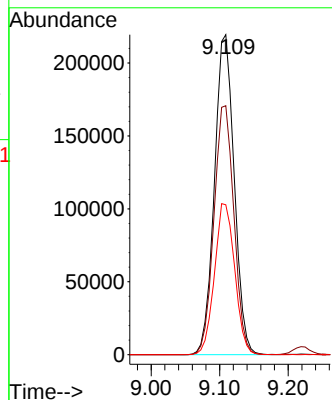
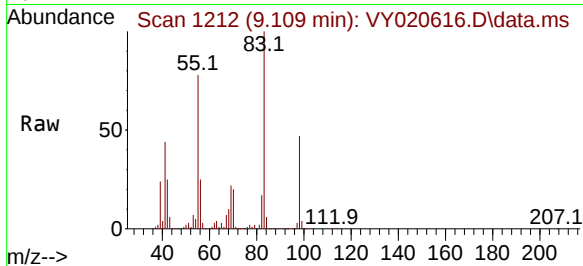




#39
Methylcyclohexane
Concen: 96.986 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

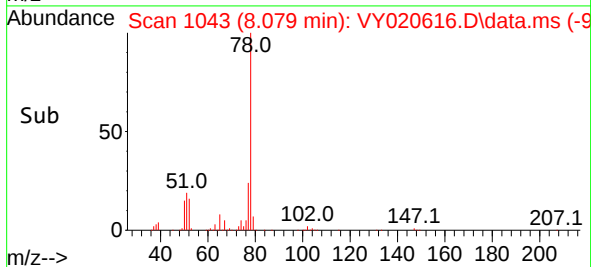
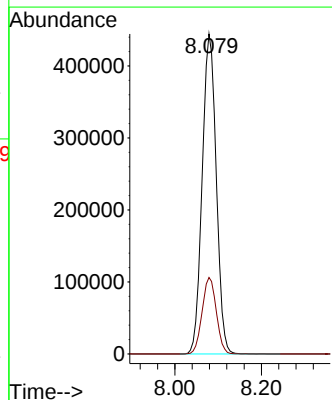
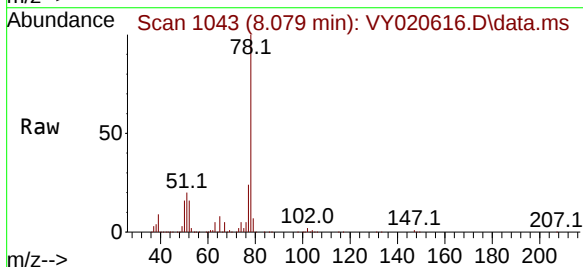
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

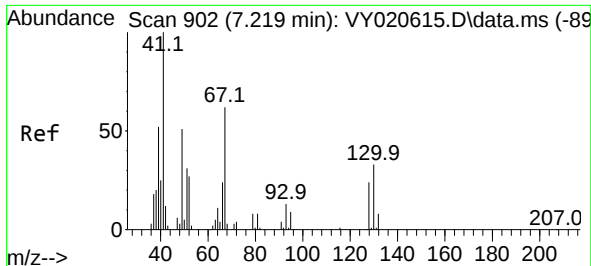
Tgt Ion: 83 Resp: 440006
Ion Ratio Lower Upper
83 100
55 77.8 61.4 92.0
98 46.9 37.3 55.9



#40
Benzene
Concen: 98.064 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

Tgt Ion: 78 Resp: 1000543
Ion Ratio Lower Upper
78 100
77 23.9 20.1 30.1

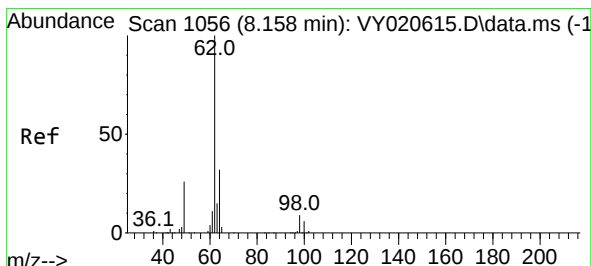
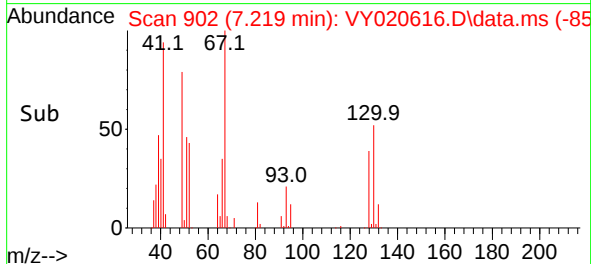
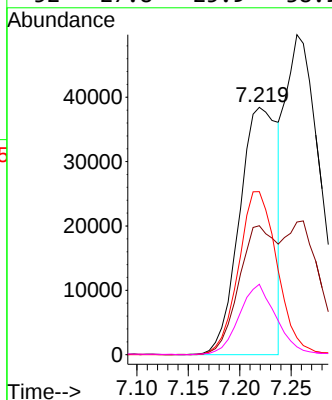
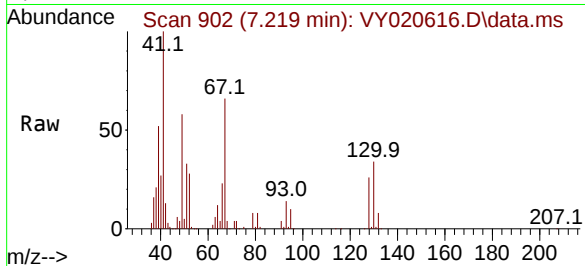




#41
Methacrylonitrile
Concen: 114.810 ug/l
RT: 7.219 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

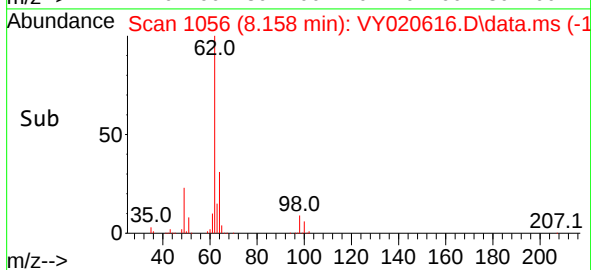
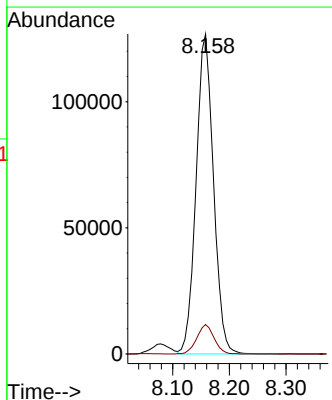
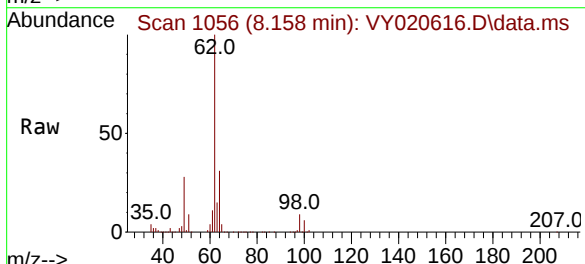
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

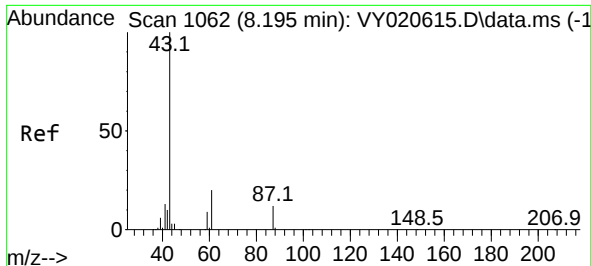
Tgt Ion:	41	Resp:	99381
Ion	Ratio	Lower	Upper
41	100		
39	51.3	53.6	80.4#
67	67.0	62.0	93.0
52	27.8	25.9	38.9



#42
1,2-Dichloroethane
Concen: 99.793 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

Tgt Ion:	62	Resp:	270045
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.0

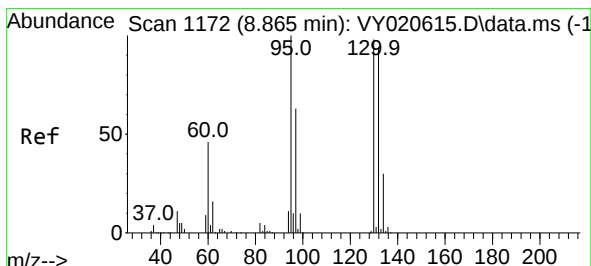
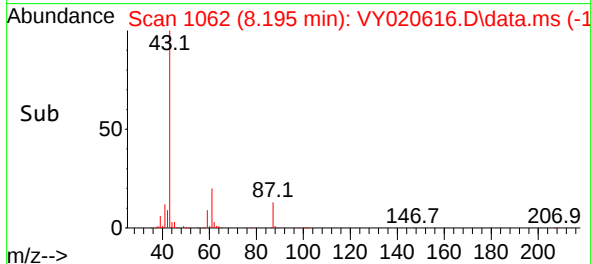
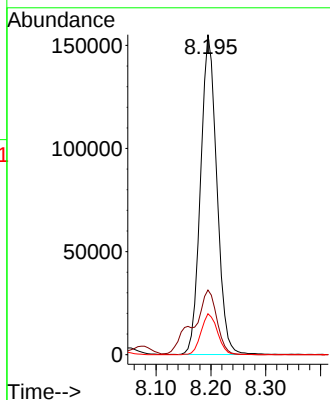
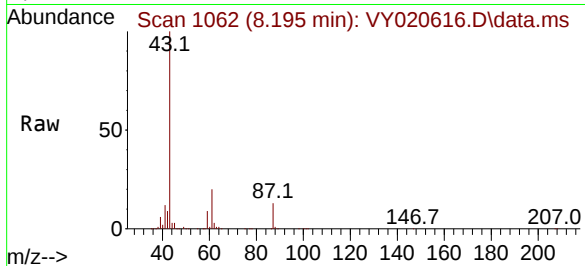




#43
Isopropyl Acetate
Concen: 102.879 ug/l
RT: 8.195 min Scan# 11062
Delta R.T. -0.000 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

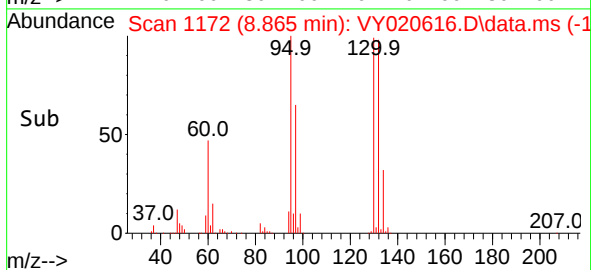
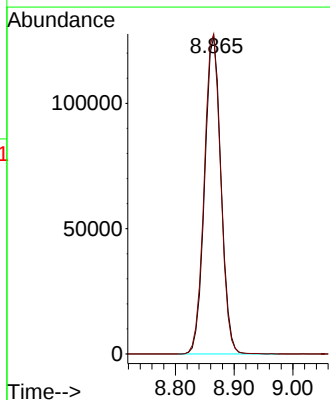
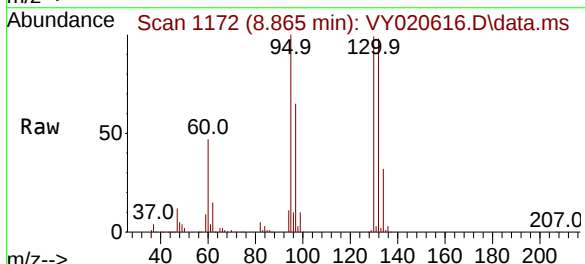
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

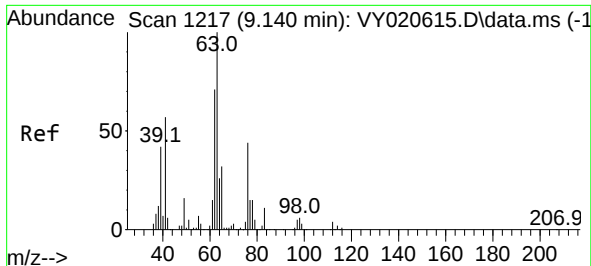
Tgt Ion: 43 Resp: 318902
Ion Ratio Lower Upper
43 100
61 29.4 23.8 35.6
87 13.0 10.2 15.4



#44
Trichloroethene
Concen: 97.912 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

Tgt Ion:130 Resp: 245474
Ion Ratio Lower Upper
130 100
95 100.8 0.0 203.2





#45

1,2-Dichloropropane

Concen: 100.062 ug/l

RT: 9.139 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY020616.D

Acq: 17 Dec 2024 11:14

Instrument :

MSVOA_Y

ClientSampleId :

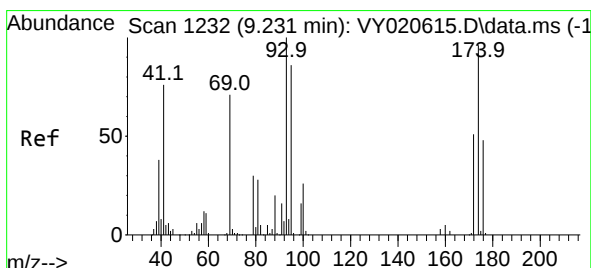
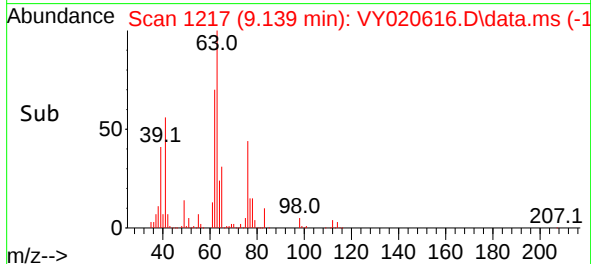
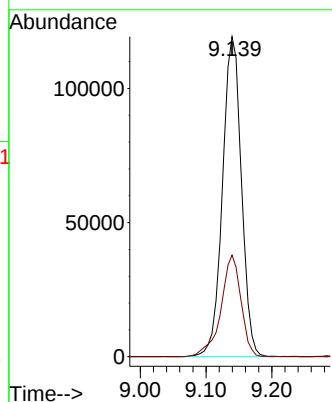
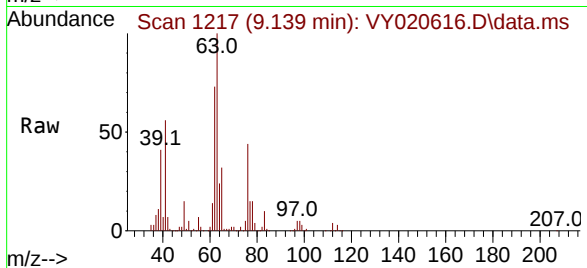
VSTDICC100

Tgt Ion: 63 Resp: 238605

Ion Ratio Lower Upper

63 100

65 31.8 25.9 38.9



#46

Dibromomethane

Concen: 100.032 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY020616.D

Acq: 17 Dec 2024 11:14

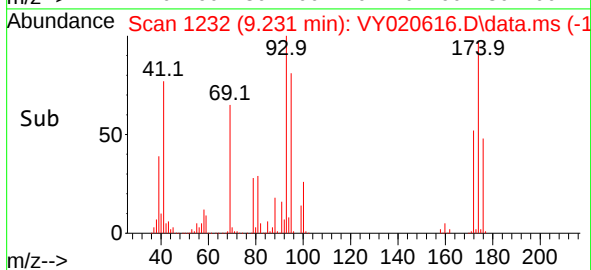
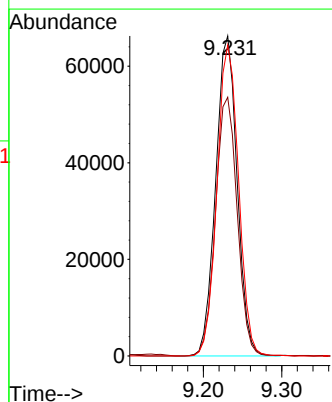
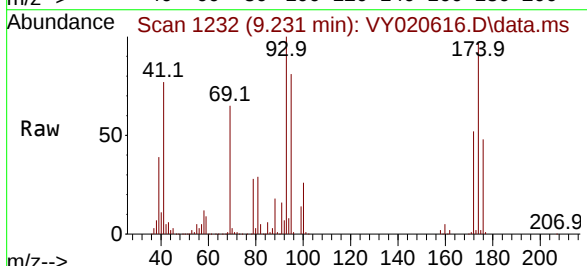
Tgt Ion: 93 Resp: 126063

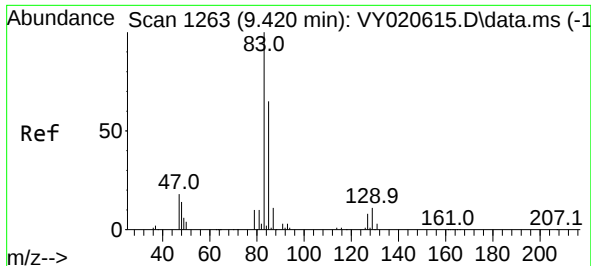
Ion Ratio Lower Upper

93 100

95 82.1 66.7 100.1

174 97.9 77.8 116.6

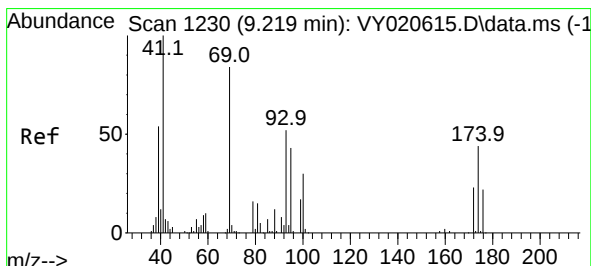
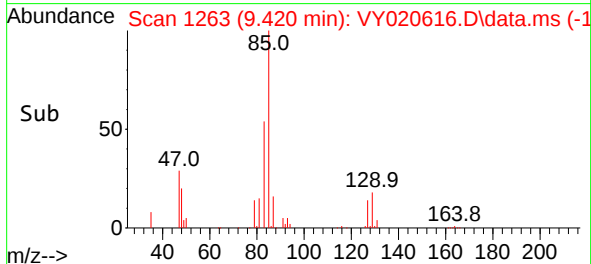
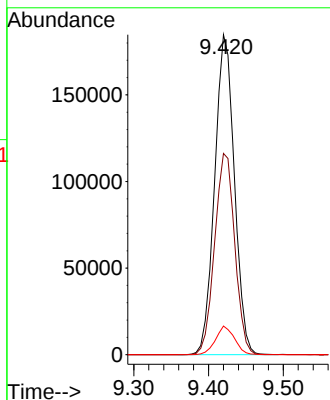
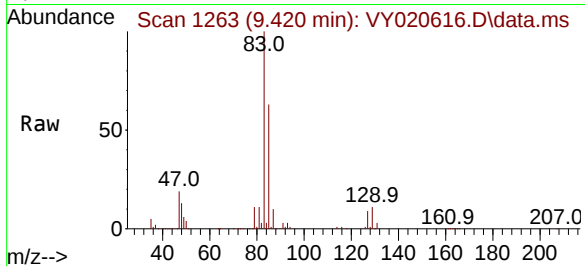




#47
Bromodichloromethane
Concen: 99.796 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

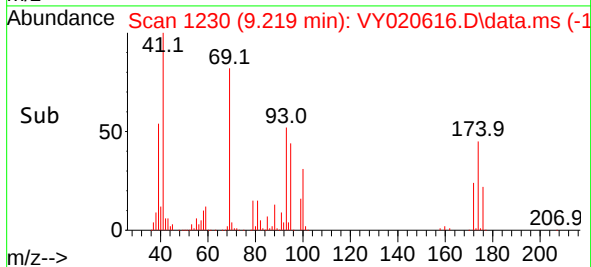
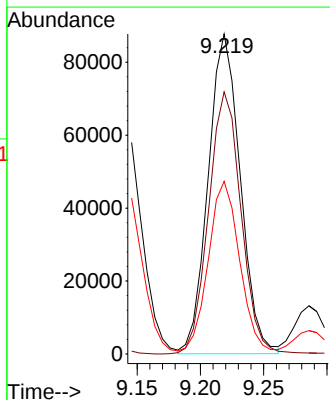
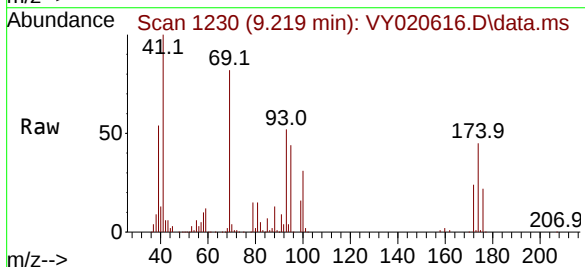
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

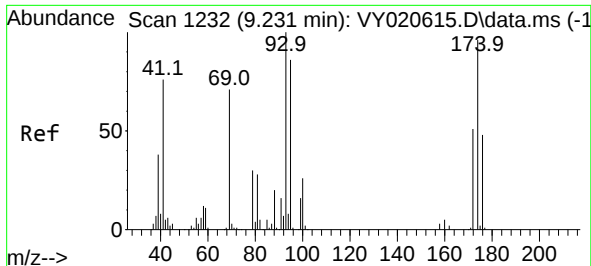
Tgt Ion: 83 Resp: 339720
Ion Ratio Lower Upper
83 100
85 62.9 52.1 78.1
127 8.9 6.7 10.1



#48
Methyl methacrylate
Concen: 105.079 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

Tgt Ion: 41 Resp: 154845
Ion Ratio Lower Upper
41 100
69 83.1 67.2 100.8
39 51.3 42.2 63.4





#49

1,4-Dioxane

Concen: 2066.774 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY020616.D

Acq: 17 Dec 2024 11:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

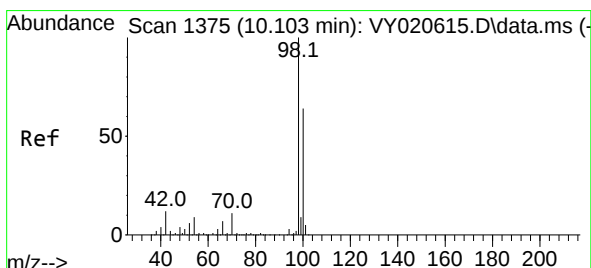
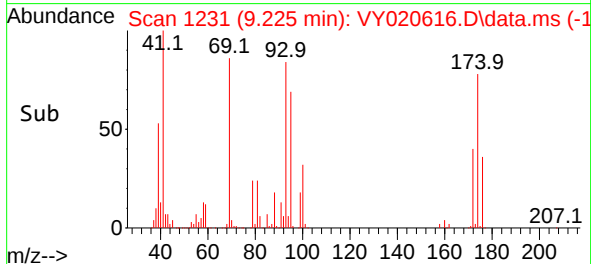
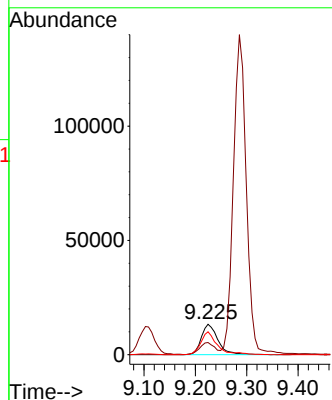
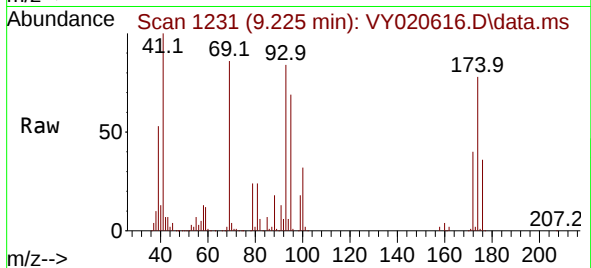
Tgt Ion: 88 Resp: 29870

Ion Ratio Lower Upper

88 100

43 36.4 27.6 41.4

58 74.7 61.7 92.5



#50

Toluene-d8

Concen: 92.704 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY020616.D

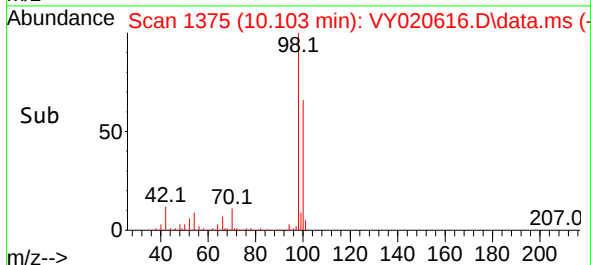
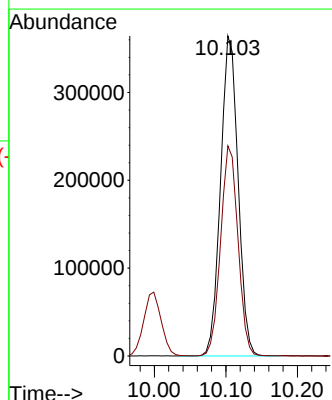
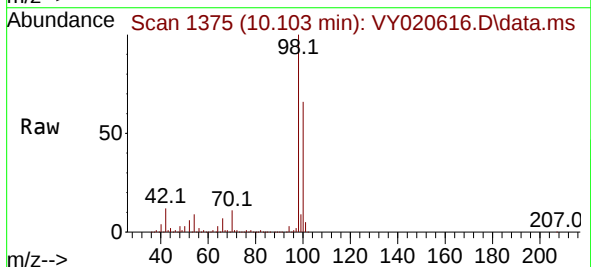
Acq: 17 Dec 2024 11:14

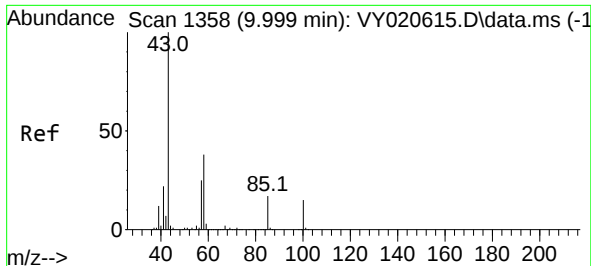
Tgt Ion: 98 Resp: 619412

Ion Ratio Lower Upper

98 100

100 65.0 52.1 78.1

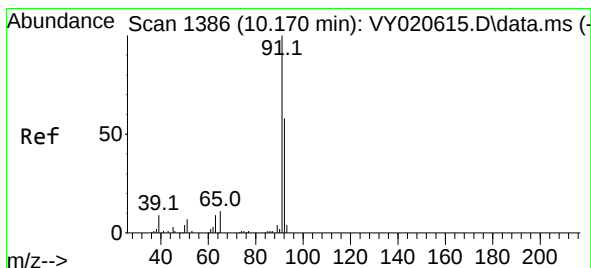
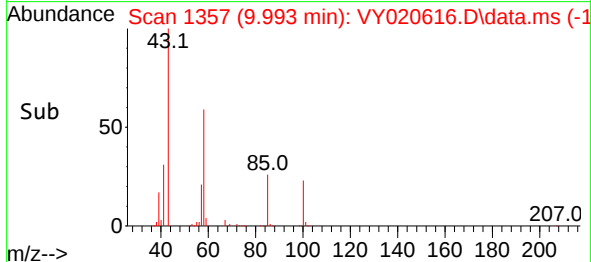
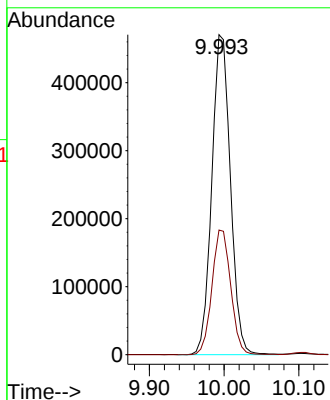
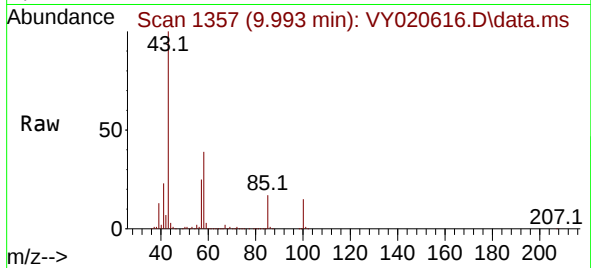




#51
4-Methyl-2-Pentanone
Concen: 498.015 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

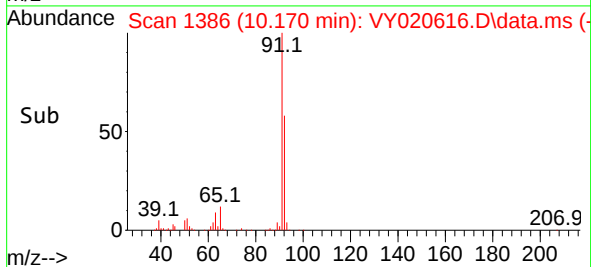
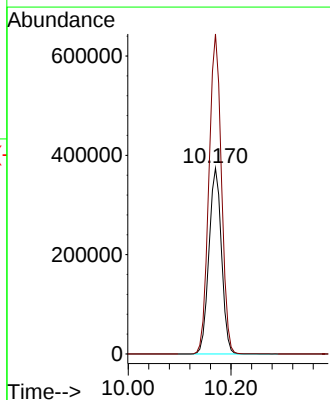
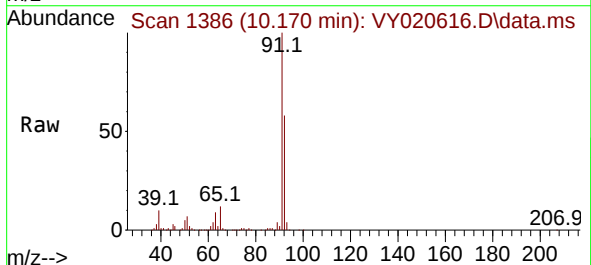
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

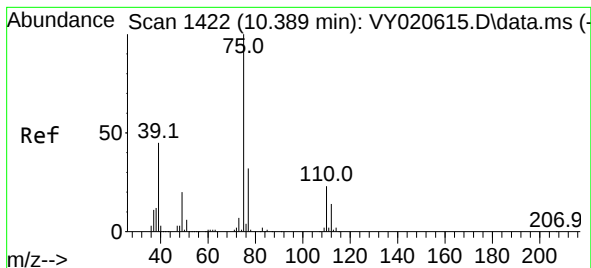
Tgt Ion: 43 Resp: 814840
Ion Ratio Lower Upper
43 100
58 39.4 31.4 47.2



#52
Toluene
Concen: 99.573 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

Tgt Ion: 92 Resp: 631368
Ion Ratio Lower Upper
92 100
91 172.3 137.4 206.0

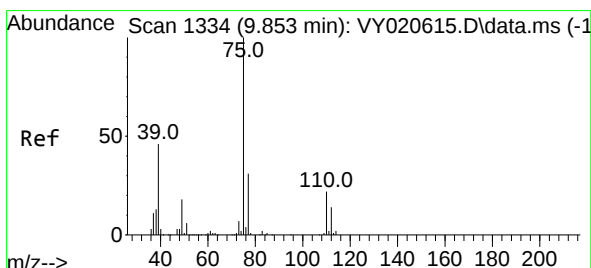
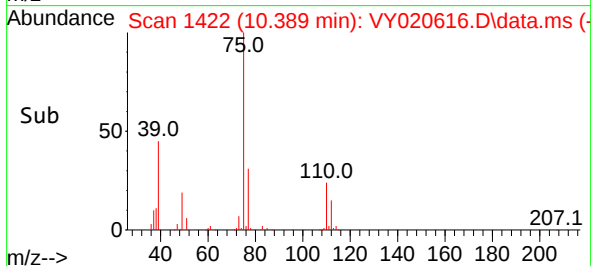
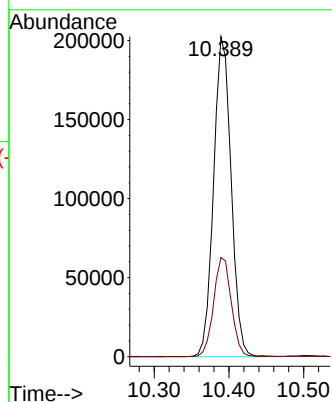
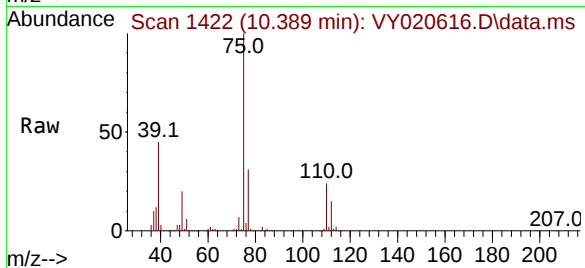




#53
 t-1,3-Dichloropropene
 Concen: 104.287 ug/l
 RT: 10.389 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VY020616.D
 Acq: 17 Dec 2024 11:14

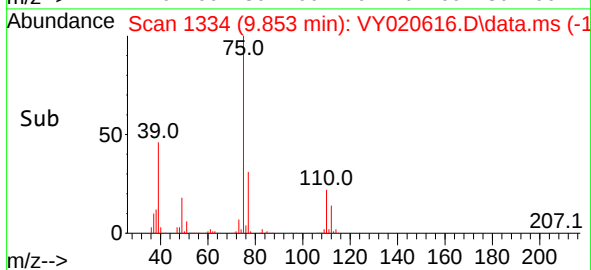
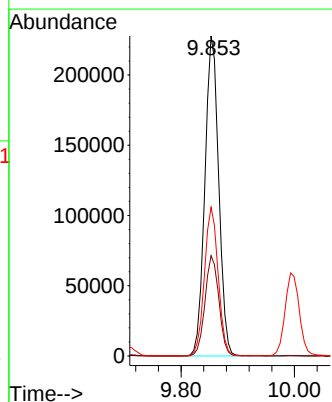
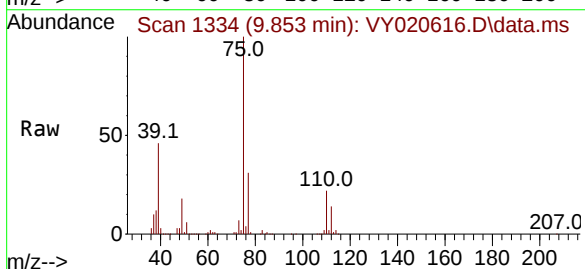
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

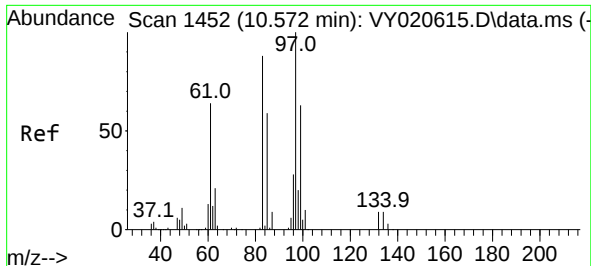
Tgt Ion: 75 Resp: 330795
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 102.884 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.000 min
 Lab File: VY020616.D
 Acq: 17 Dec 2024 11:14

Tgt Ion: 75 Resp: 386715
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.6 36.8
 39 46.4 36.4 54.6



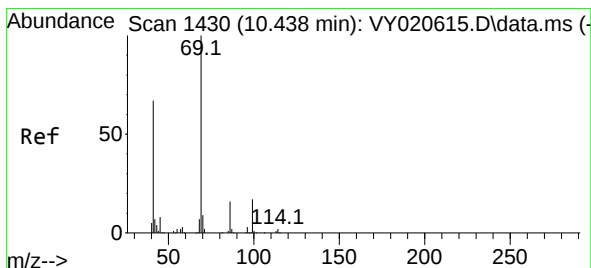
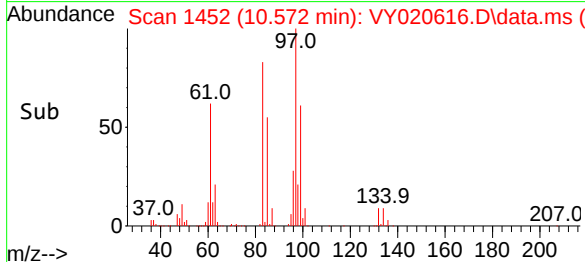
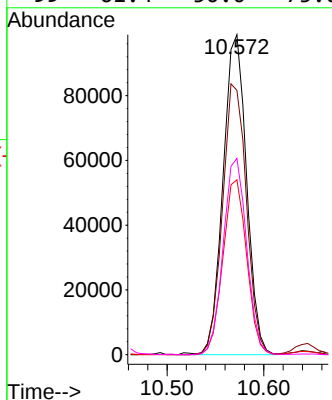
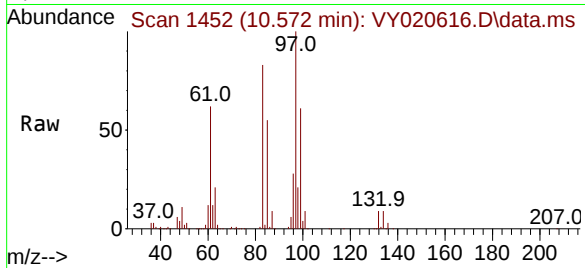


#55
1,1,2-Trichloroethane
Concen: 100.352 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 97 Resp: 167205

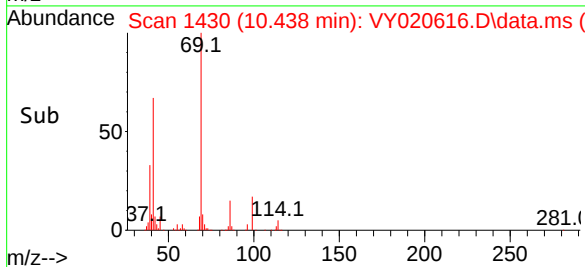
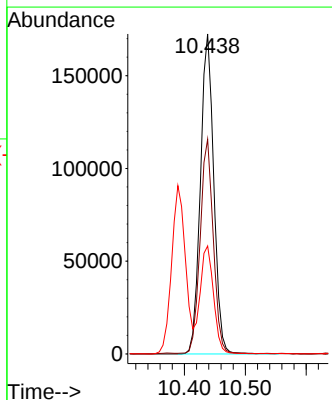
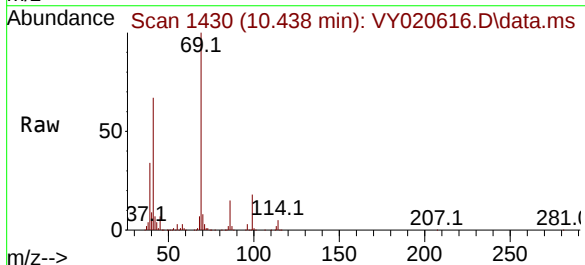
Ion	Ratio	Lower	Upper
97	100		
83	82.6	70.4	105.6
85	54.6	47.2	70.8
99	61.4	50.0	75.0

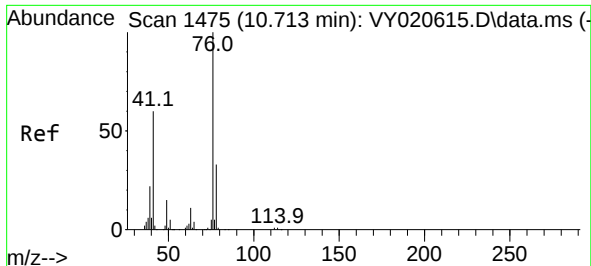


#56
Ethyl methacrylate
Concen: 109.090 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

Tgt Ion: 69 Resp: 263694

Ion	Ratio	Lower	Upper
69	100		
41	65.8	54.0	81.0
39	34.1	27.9	41.9





#57

1,3-Dichloropropane

Concen: 100.965 ug/l

RT: 10.712 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VY020616.D

Acq: 17 Dec 2024 11:14

Instrument :

MSVOA_Y

ClientSampleId :

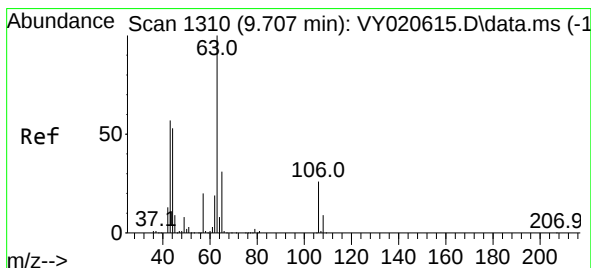
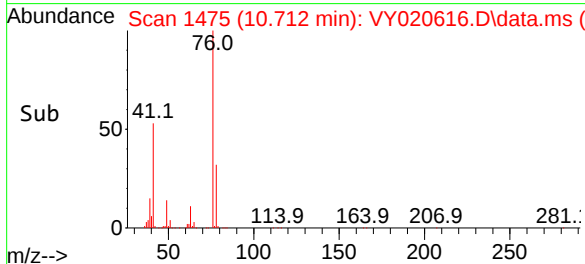
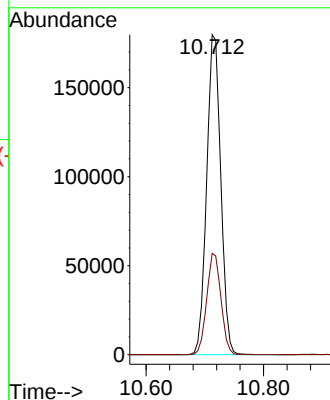
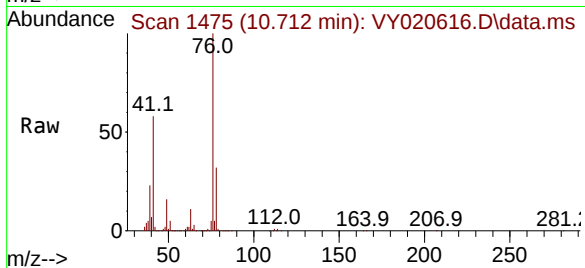
VSTDICC100

Tgt Ion: 76 Resp: 299884

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 527.303 ug/l

RT: 9.706 min Scan# 1310

Delta R.T. -0.000 min

Lab File: VY020616.D

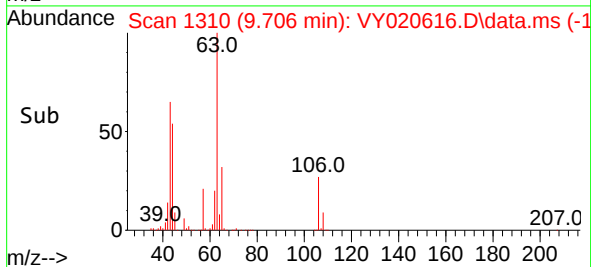
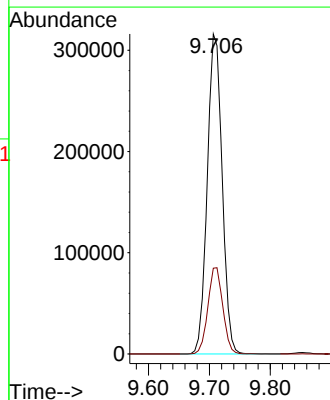
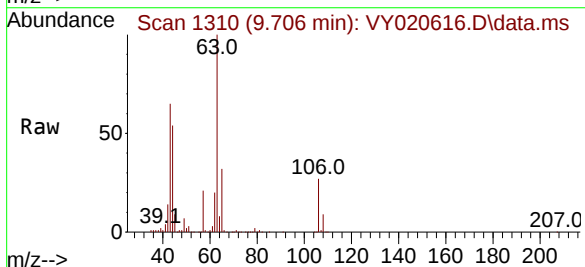
Acq: 17 Dec 2024 11:14

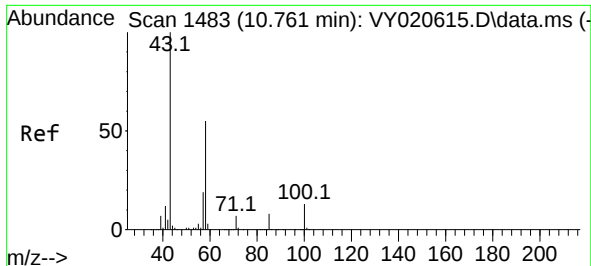
Tgt Ion: 63 Resp: 536306

Ion Ratio Lower Upper

63 100

106 27.1 21.5 32.3

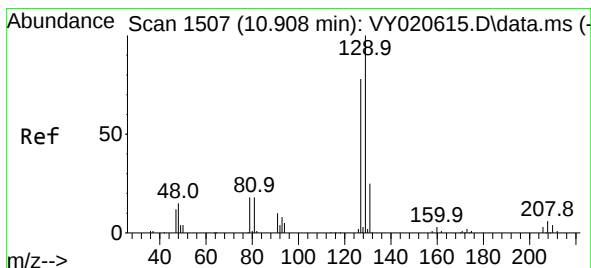
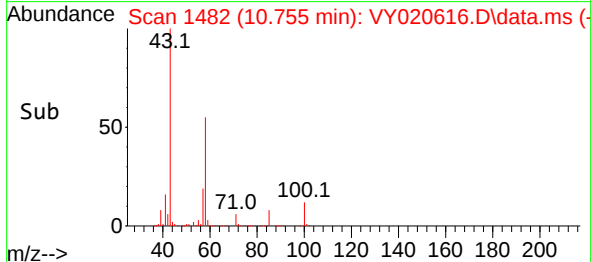
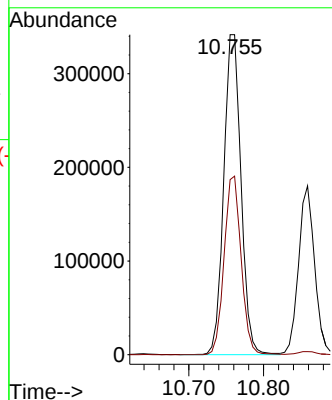
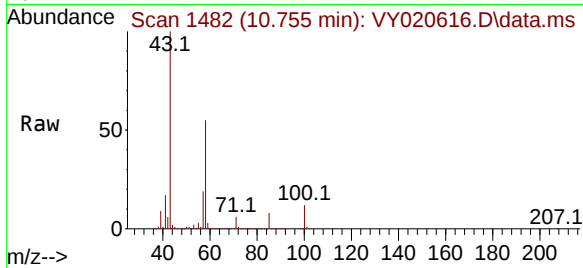




#59
2-Hexanone
Concen: 521.929 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

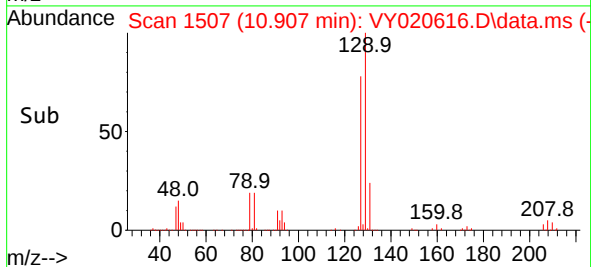
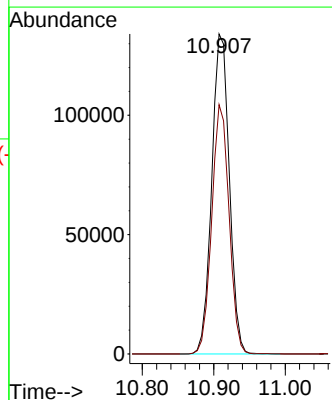
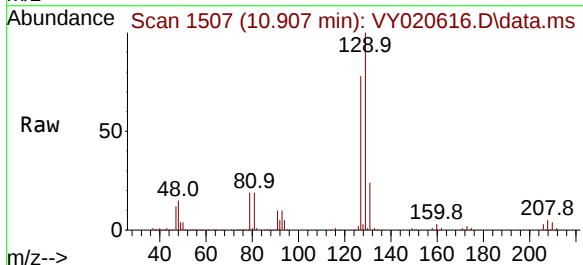
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

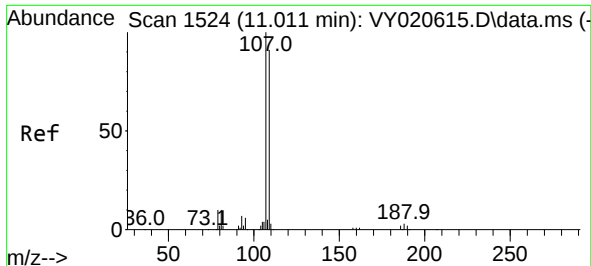
Tgt Ion: 43 Resp: 548285
Ion Ratio Lower Upper
43 100
58 55.0 27.2 81.6



#60
Dibromochloromethane
Concen: 102.389 ug/l
RT: 10.907 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

Tgt Ion:129 Resp: 228154
Ion Ratio Lower Upper
129 100
127 77.0 38.1 114.3

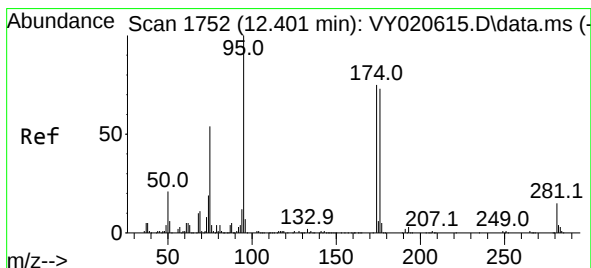
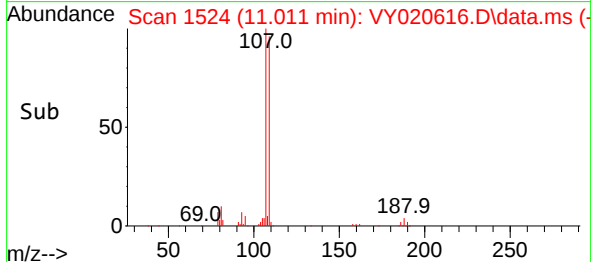
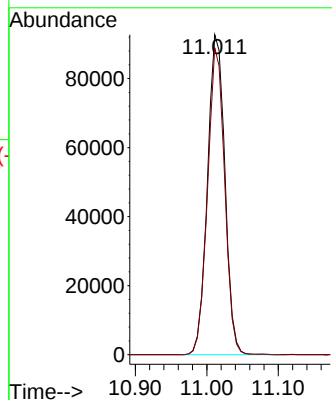
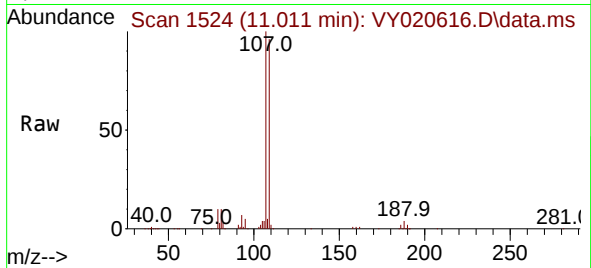




#61
1,2-Dibromoethane
Concen: 101.225 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

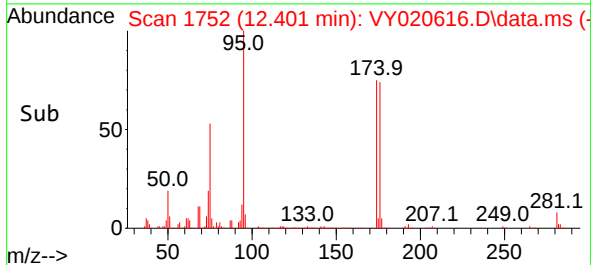
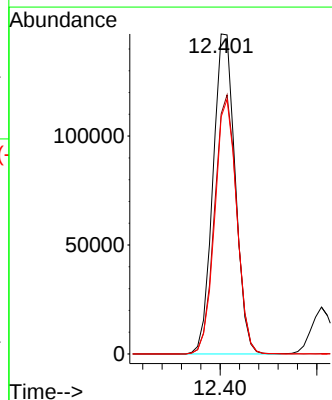
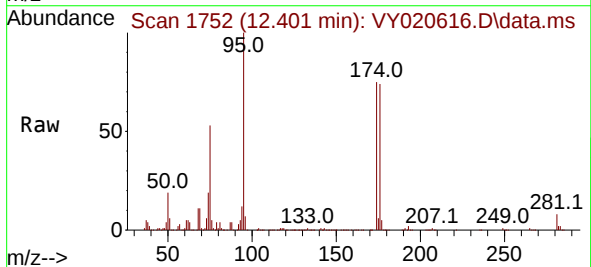
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

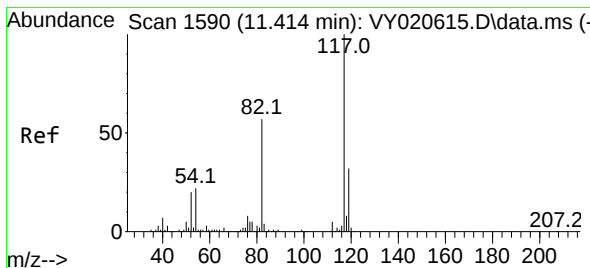
Tgt Ion:107 Resp: 156883
Ion Ratio Lower Upper
107 100
109 94.0 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 89.665 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

Tgt Ion: 95 Resp: 234353
Ion Ratio Lower Upper
95 100
174 80.4 0.0 161.8
176 78.3 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.413 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY020616.D

Acq: 17 Dec 2024 11:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

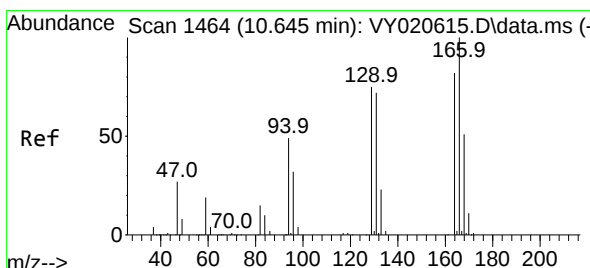
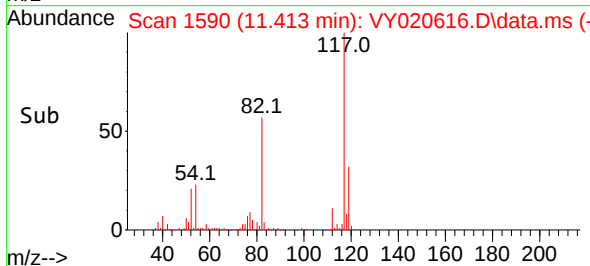
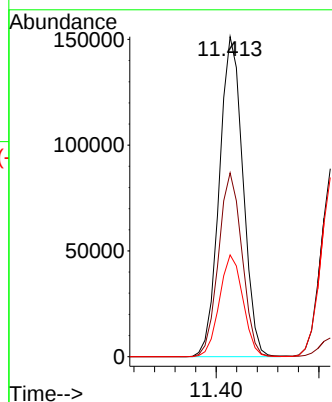
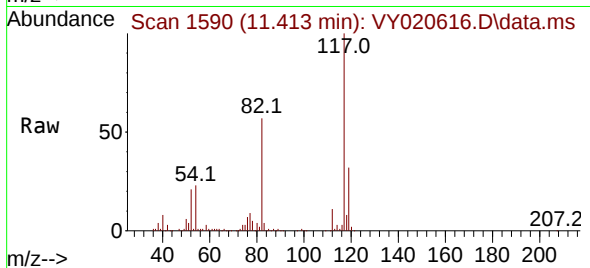
Tgt Ion:117 Resp: 241570

Ion Ratio Lower Upper

117 100

82 57.4 45.8 68.6

119 31.8 25.3 37.9



#64

Tetrachloroethene

Concen: 94.803 ug/l

RT: 10.645 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY020616.D

Acq: 17 Dec 2024 11:14

Tgt Ion:164 Resp: 215415

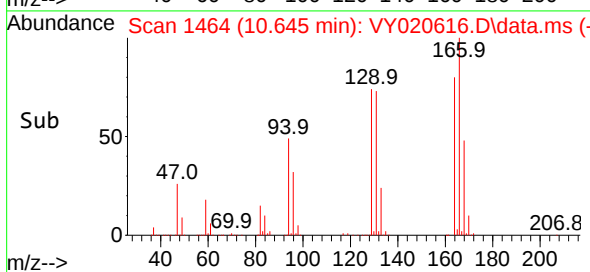
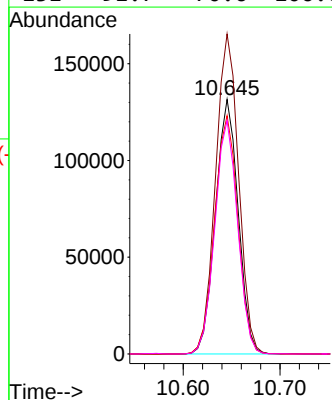
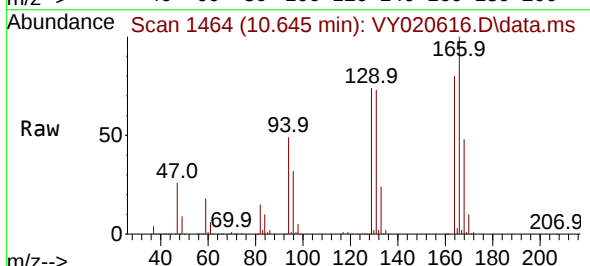
Ion Ratio Lower Upper

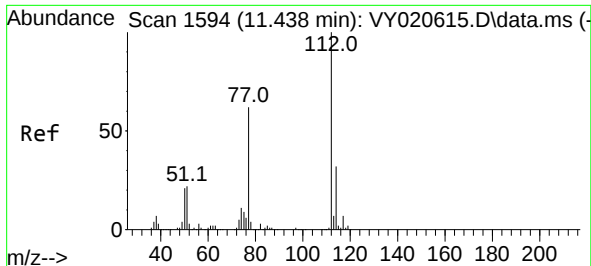
164 100

166 125.7 97.9 146.9

129 93.6 73.4 110.0

131 91.7 70.6 106.0

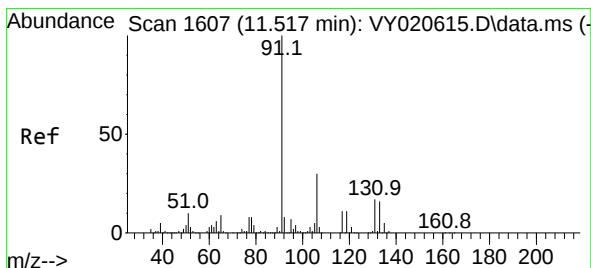
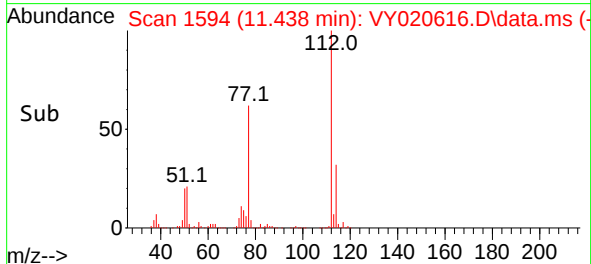
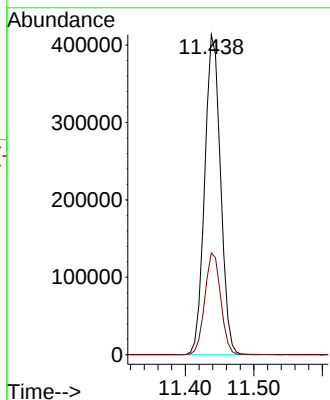
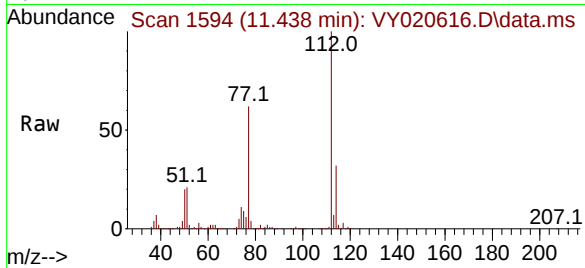




#65
Chlorobenzene
Concen: 98.800 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. -0.000 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

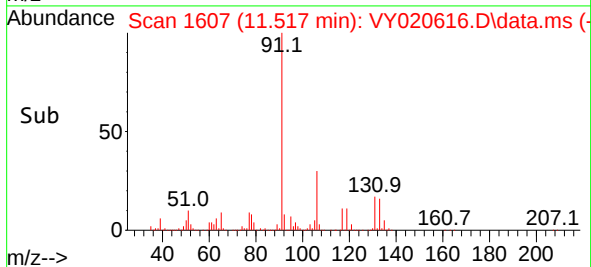
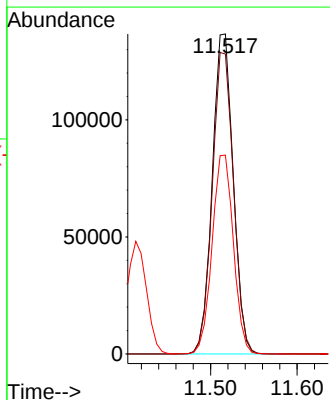
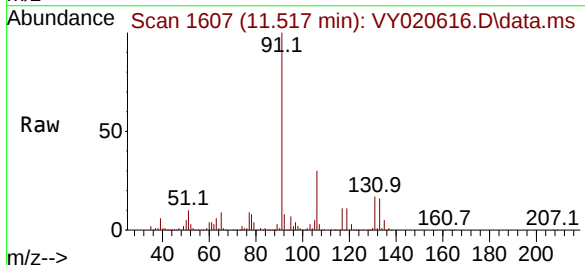
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

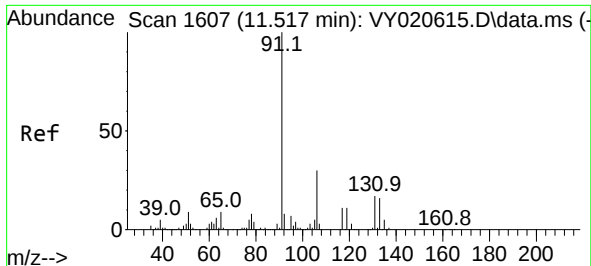
Tgt Ion:112 Resp: 667347
Ion Ratio Lower Upper
112 100
114 31.8 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 99.489 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

Tgt Ion:131 Resp: 229790
Ion Ratio Lower Upper
131 100
133 95.2 46.8 140.3
119 63.1 31.8 95.3

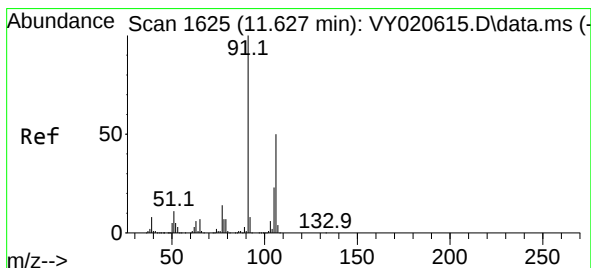
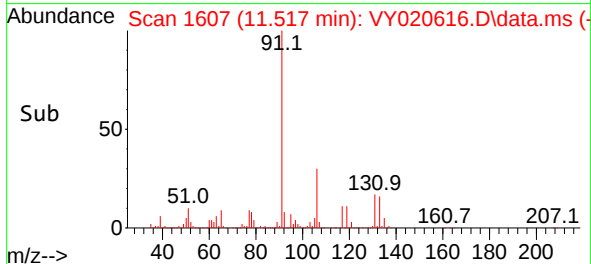
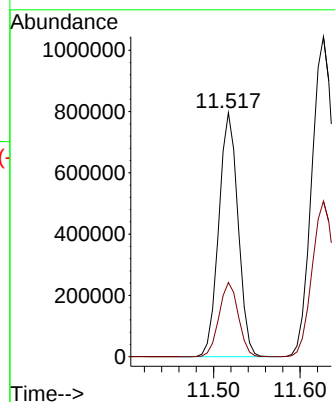
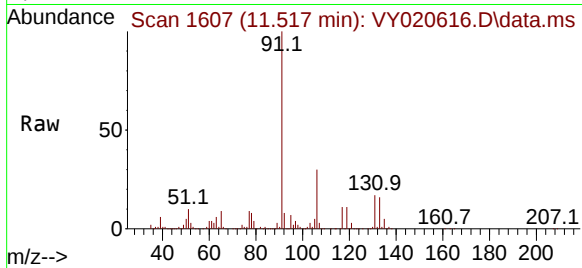




#67
Ethyl Benzene
Concen: 98.607 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

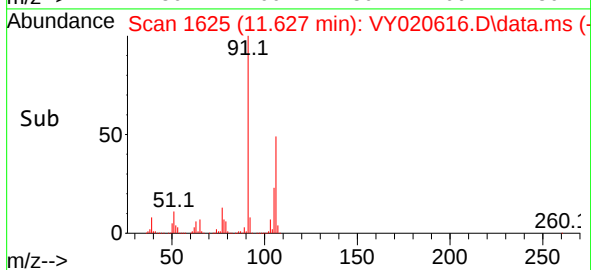
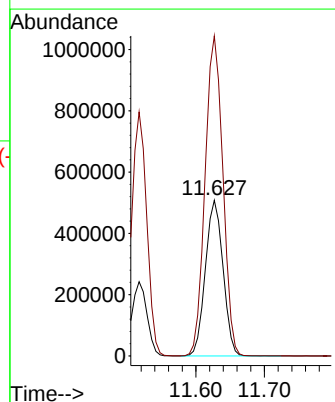
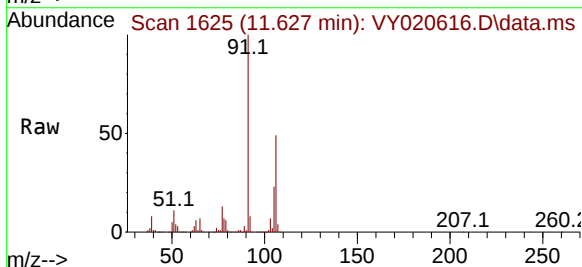
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

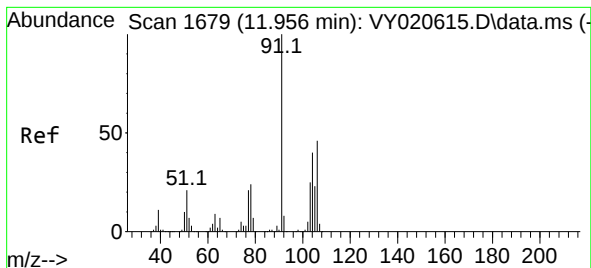
Tgt Ion: 91 Resp: 1228775
Ion Ratio Lower Upper
91 100
106 30.4 23.9 35.9



#68
m/p-Xylenes
Concen: 196.521 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

Tgt Ion:106 Resp: 910536
Ion Ratio Lower Upper
106 100
91 207.4 165.0 247.4





#69

o-Xylene

Concen: 99.174 ug/l

RT: 11.956 min Scan# 1679

Delta R.T. -0.000 min

Lab File: VY020616.D

Acq: 17 Dec 2024 11:14

Instrument :

MSVOA_Y

ClientSampleId :

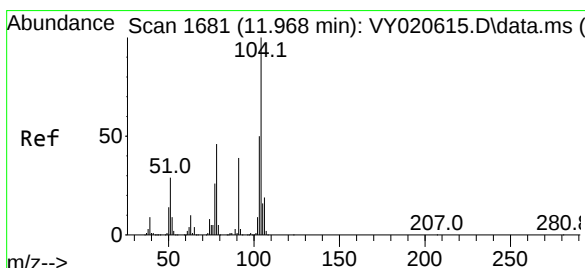
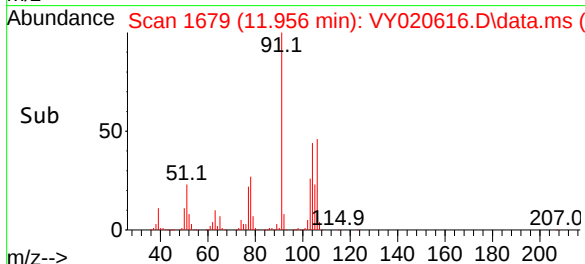
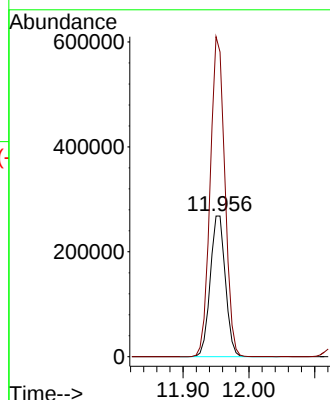
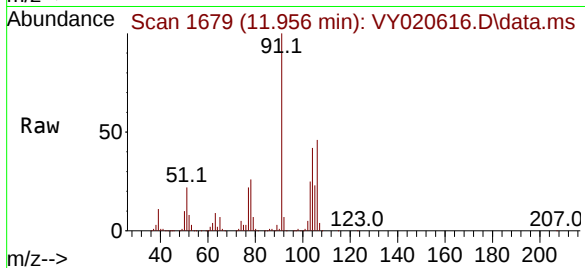
VSTDIC100

Tgt Ion:106 Resp: 428727

Ion Ratio Lower Upper

106 100

91 221.0 108.4 325.2



#70

Styrene

Concen: 100.401 ug/l

RT: 11.968 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VY020616.D

Acq: 17 Dec 2024 11:14

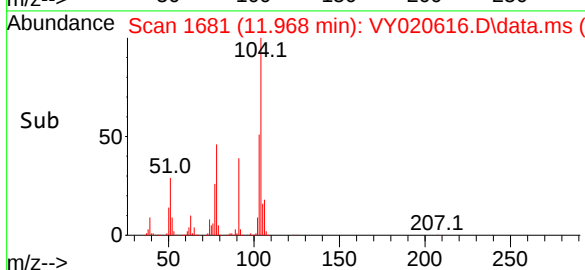
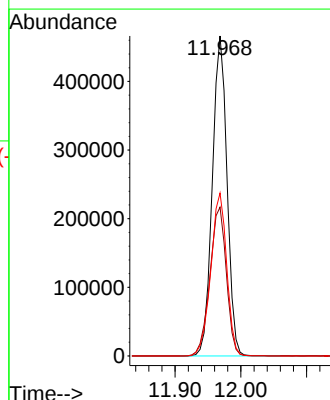
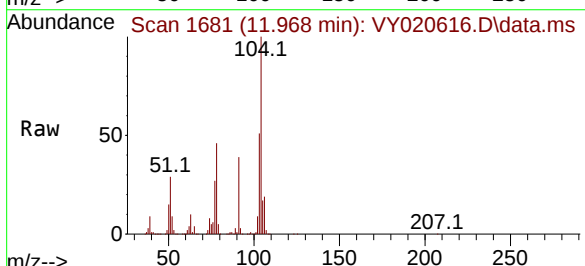
Tgt Ion:104 Resp: 725167

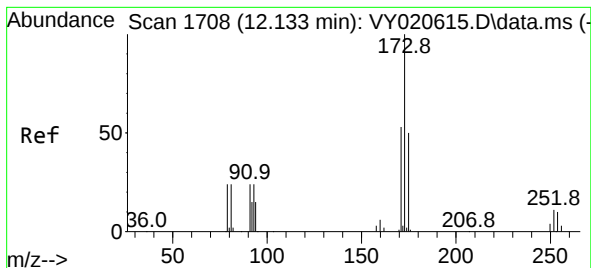
Ion Ratio Lower Upper

104 100

78 52.1 41.6 62.4

103 55.1 43.7 65.5





#71

Bromoform

Concen: 101.332 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VY020616.D

Acq: 17 Dec 2024 11:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

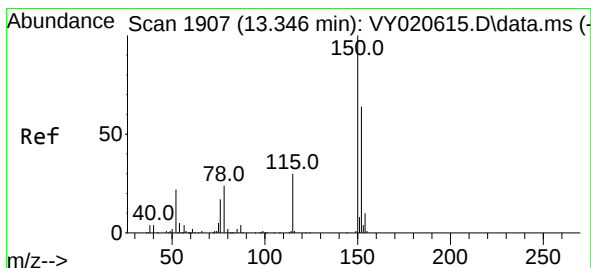
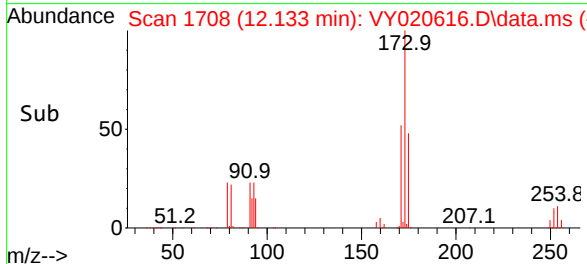
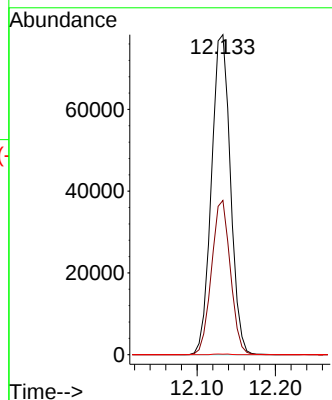
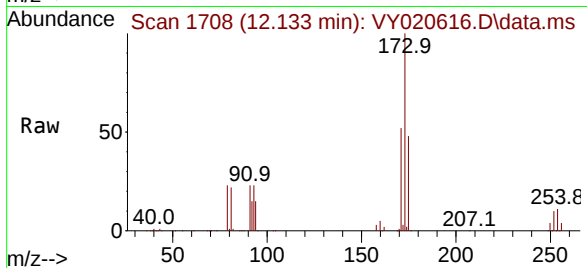
Tgt Ion:173 Resp: 131589

Ion Ratio Lower Upper

173 100

175 48.0 24.6 74.0

254 0.2 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY020616.D

Acq: 17 Dec 2024 11:14

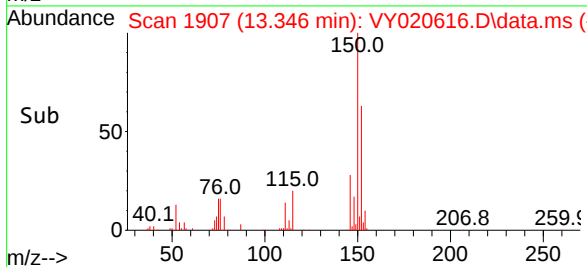
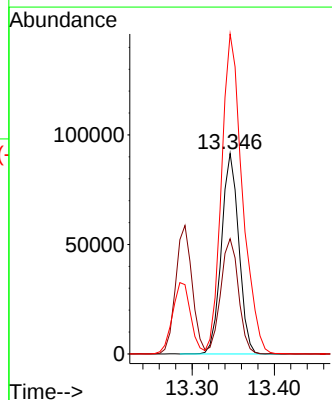
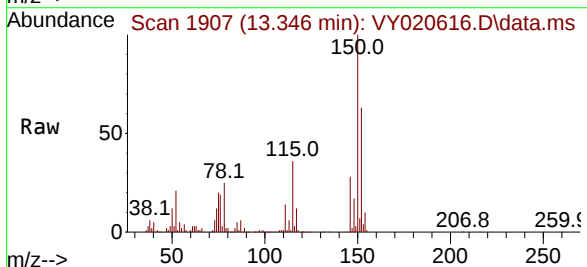
Tgt Ion:152 Resp: 134321

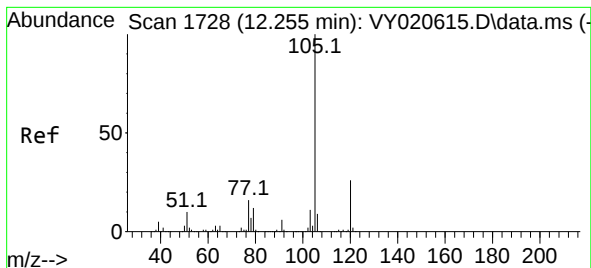
Ion Ratio Lower Upper

152 100

115 59.0 30.2 90.6

150 192.3 0.0 355.4





#73

Isopropylbenzene

Concen: 98.191 ug/l

RT: 12.255 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY020616.D

Acq: 17 Dec 2024 11:14

Instrument :

MSVOA_Y

ClientSampleId :

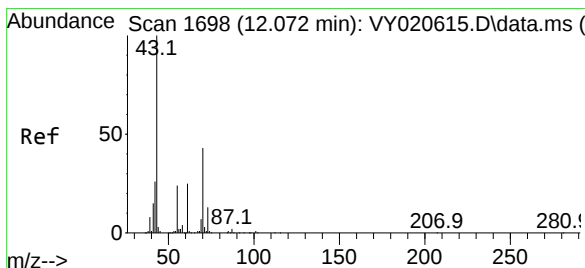
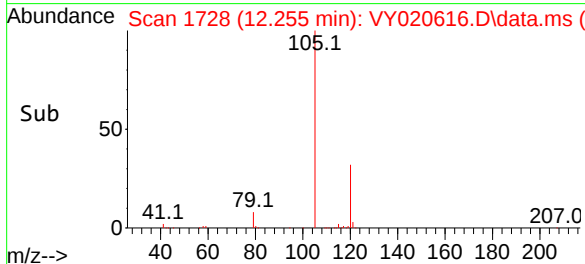
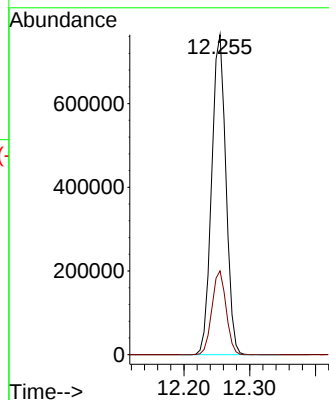
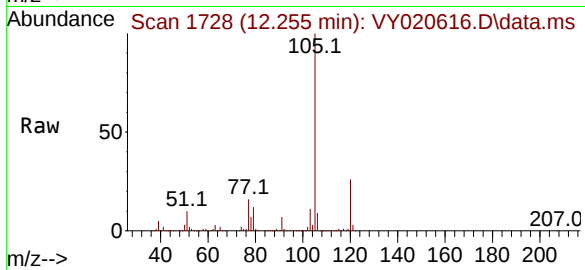
VSTDIC100

Tgt Ion:105 Resp: 1150948

Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.1



#74

N-ethyl acetate

Concen: 106.582 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VY020616.D

Acq: 17 Dec 2024 11:14

Tgt Ion: 43 Resp: 292377

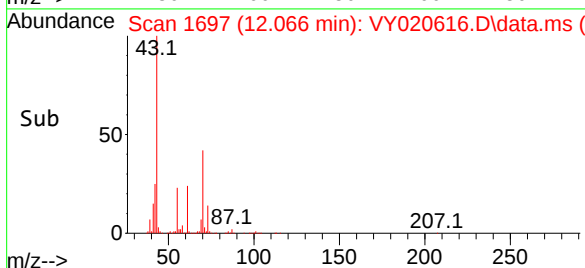
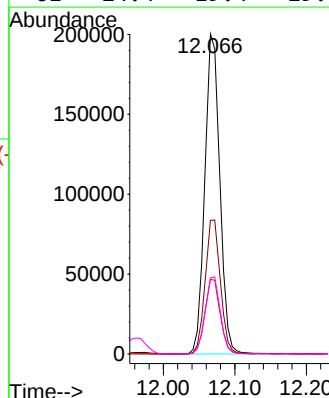
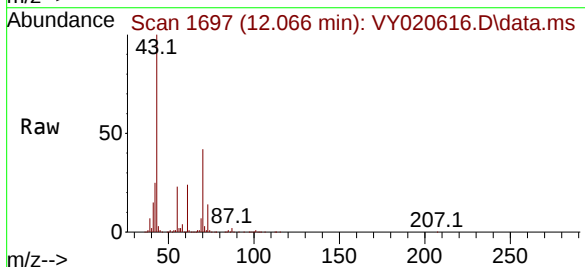
Ion Ratio Lower Upper

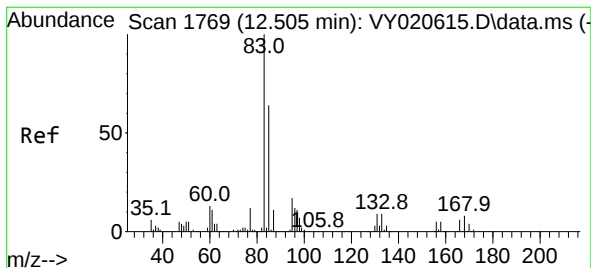
43 100

70 42.6 34.2 51.2

55 23.8 19.6 29.4

61 24.4 19.4 29.0

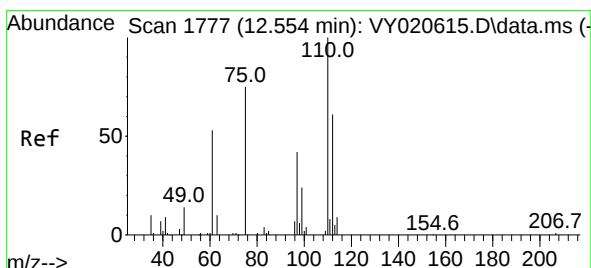
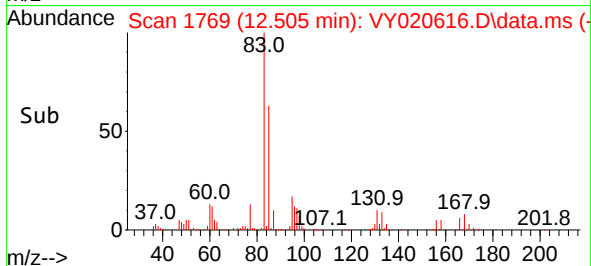
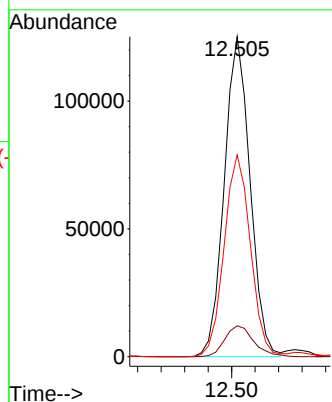
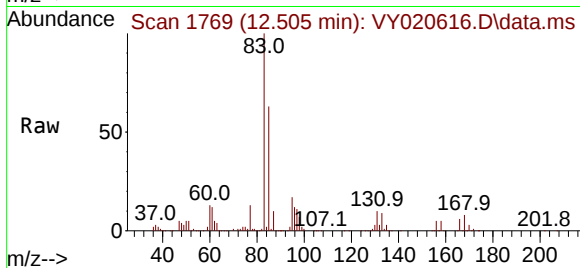




#75
1,1,2,2-Tetrachloroethane
Concen: 100.209 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

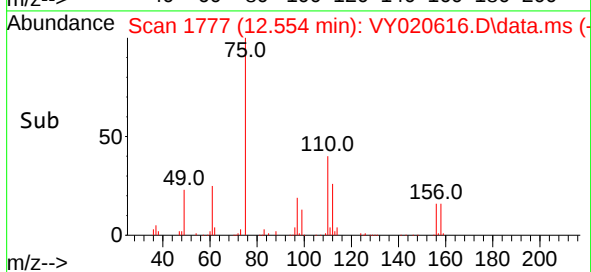
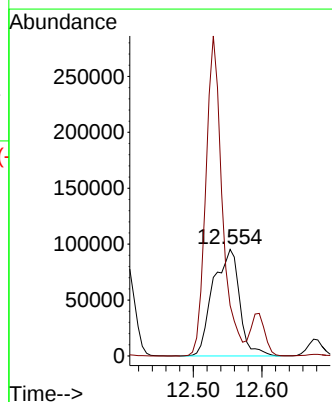
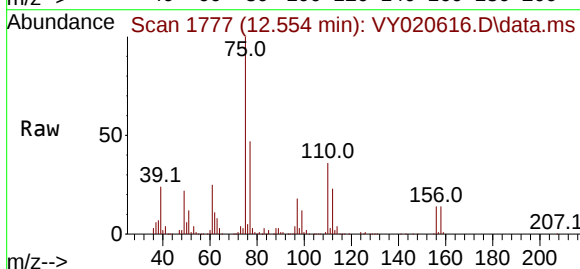
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

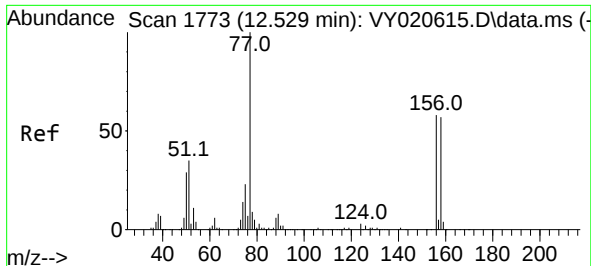
Tgt Ion: 83 Resp: 190664
Ion Ratio Lower Upper
83 100
131 10.8 5.2 15.6
85 64.4 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 185.352 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

Tgt Ion: 75 Resp: 256421
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

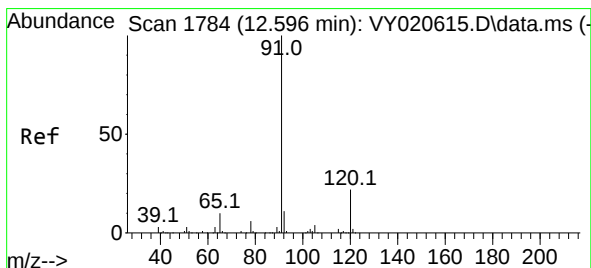
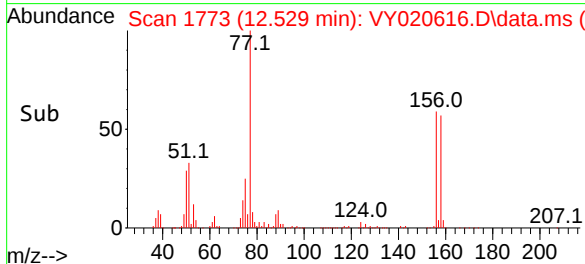
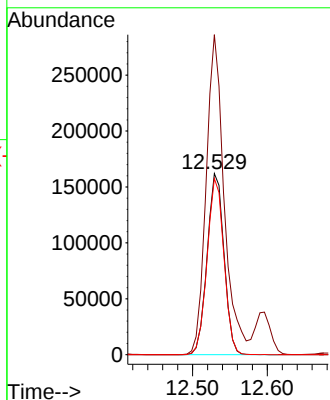
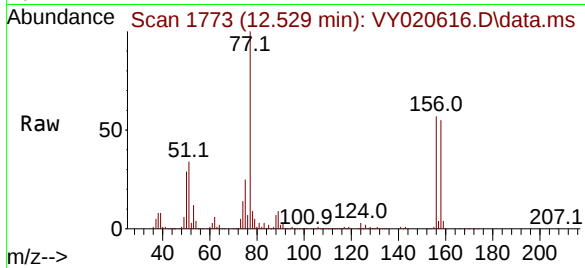




#77
Bromobenzene
Concen: 99.317 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

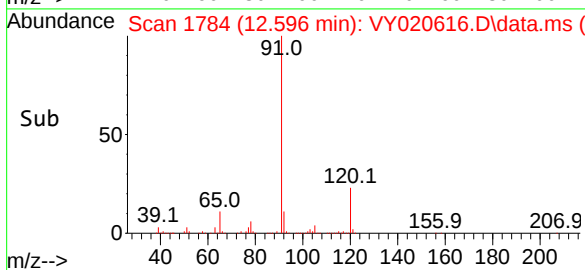
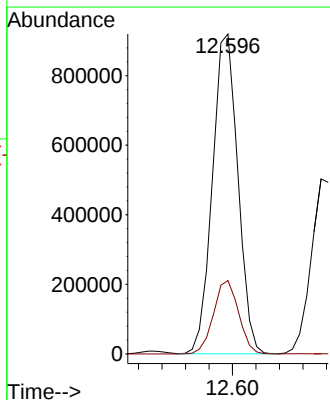
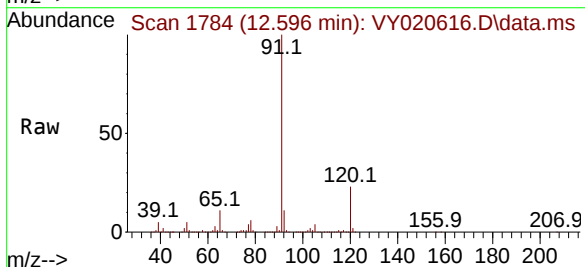
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

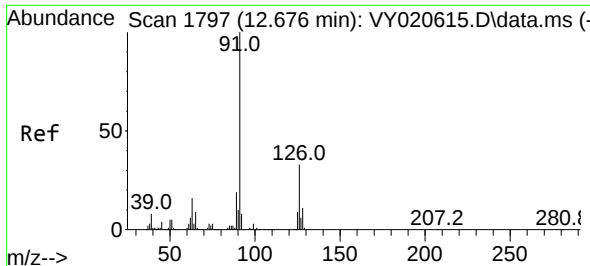
Tgt Ion:156 Resp: 253587
Ion Ratio Lower Upper
156 100
77 188.7 94.2 282.4
158 97.2 48.9 146.6



#78
n-propylbenzene
Concen: 97.980 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

Tgt Ion: 91 Resp: 1383699
Ion Ratio Lower Upper
91 100
120 22.6 11.1 33.1

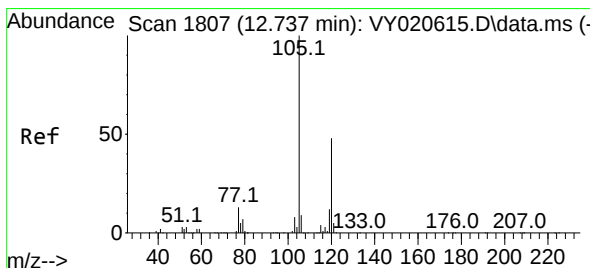
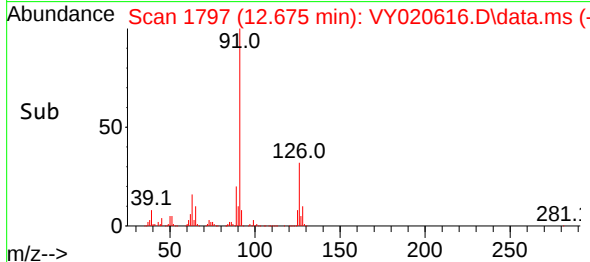
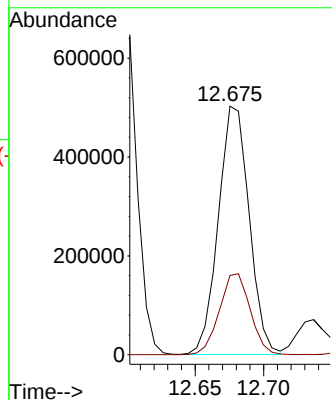
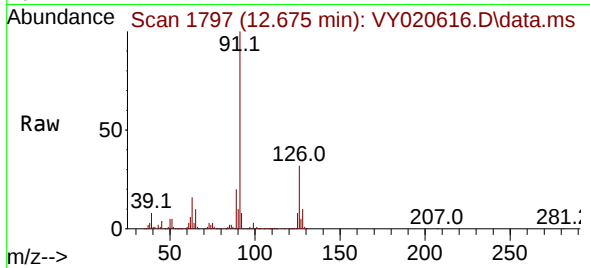




#79
2-Chlorotoluene
Concen: 99.147 ug/l
RT: 12.675 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

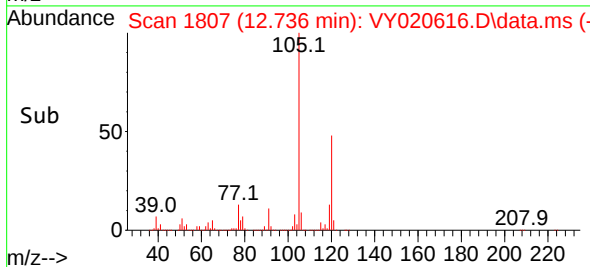
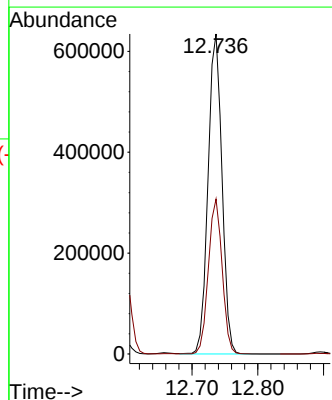
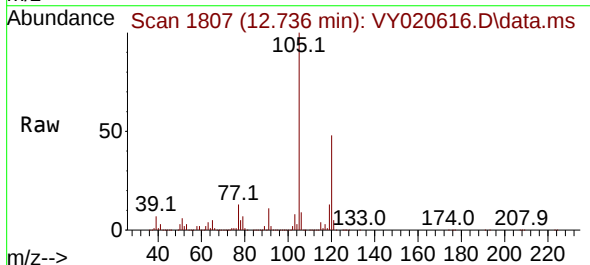
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

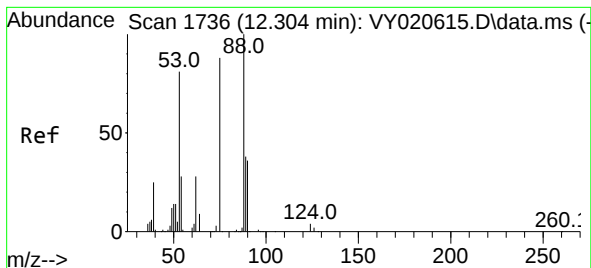
Tgt Ion: 91 Resp: 787764
Ion Ratio Lower Upper
91 100
126 32.5 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 98.108 ug/l
RT: 12.736 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

Tgt Ion: 105 Resp: 933106
Ion Ratio Lower Upper
105 100
120 47.9 23.9 71.7

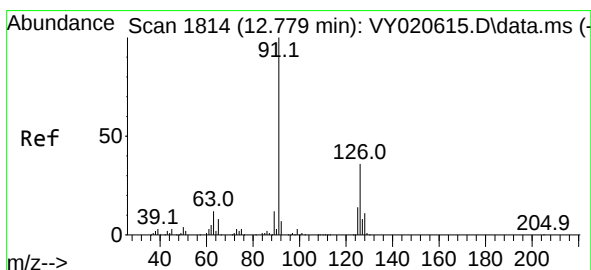
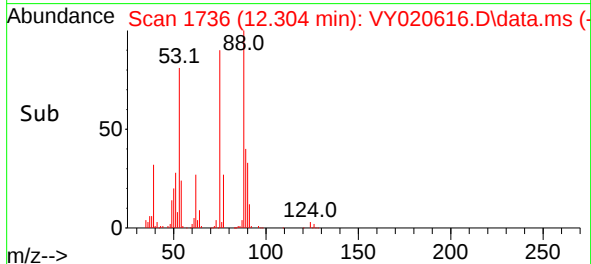
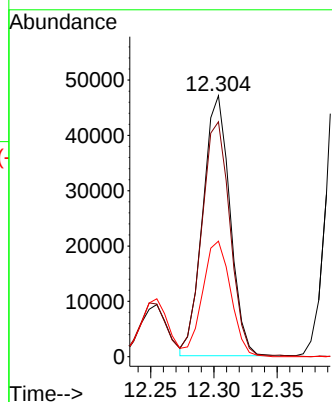
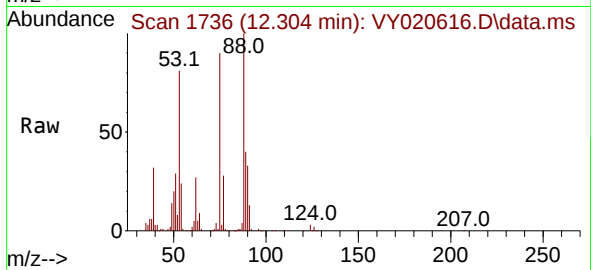




#81
trans-1,4-Dichloro-2-butene
Concen: 105.852 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

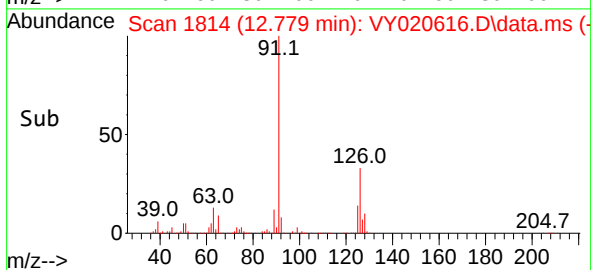
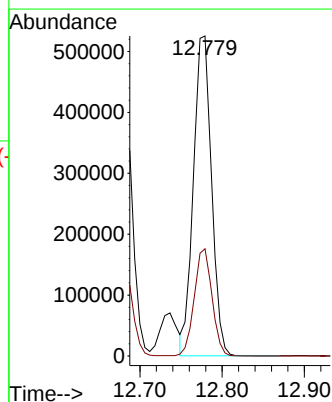
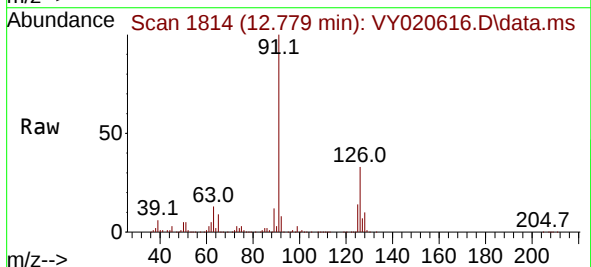
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

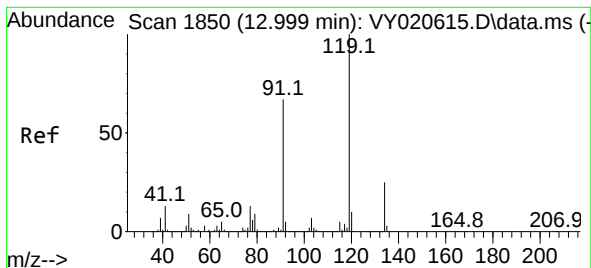
Tgt Ion: 75 Resp: 70365
Ion Ratio Lower Upper
75 100
53 94.0 75.4 113.2
89 46.2 37.0 55.4



#82
4-Chlorotoluene
Concen: 97.558 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

Tgt Ion: 91 Resp: 804177
Ion Ratio Lower Upper
91 100
126 32.8 16.6 49.7





#83

tert-Butylbenzene

Concen: 99.108 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.000 min

Lab File: VY020616.D

Acq: 17 Dec 2024 11:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

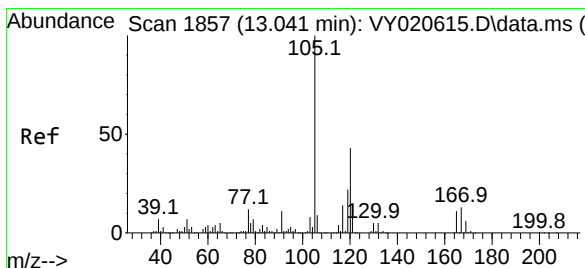
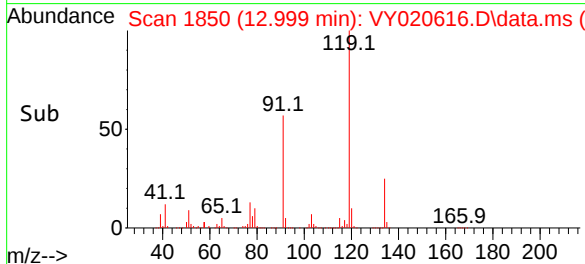
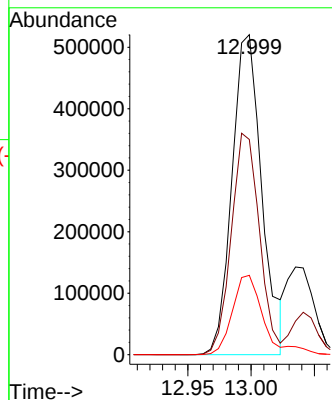
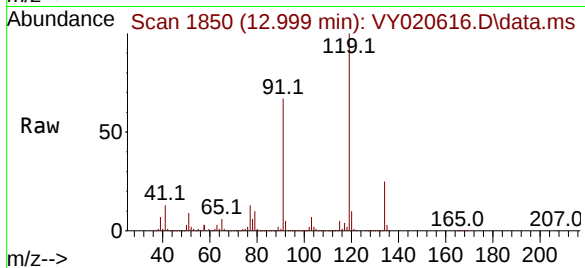
Tgt Ion:119 Resp: 853675

Ion Ratio Lower Upper

119 100

91 65.5 32.9 98.6

134 26.0 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 98.727 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY020616.D

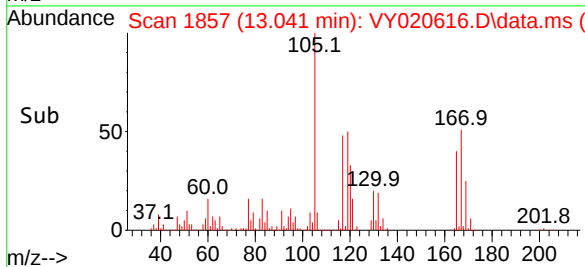
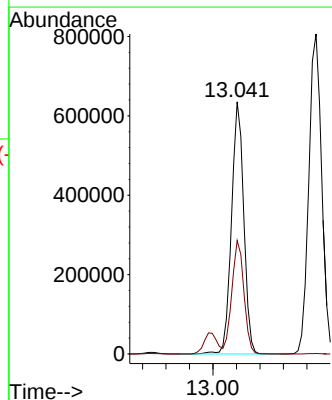
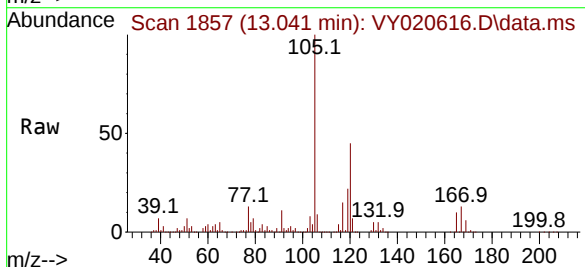
Acq: 17 Dec 2024 11:14

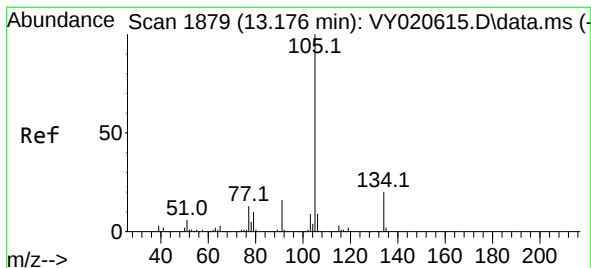
Tgt Ion:105 Resp: 921051

Ion Ratio Lower Upper

105 100

120 44.3 21.8 65.4





#85

sec-Butylbenzene

Concen: 97.450 ug/l

RT: 13.175 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY020616.D

Acq: 17 Dec 2024 11:14

Instrument :

MSVOA_Y

ClientSampleId :

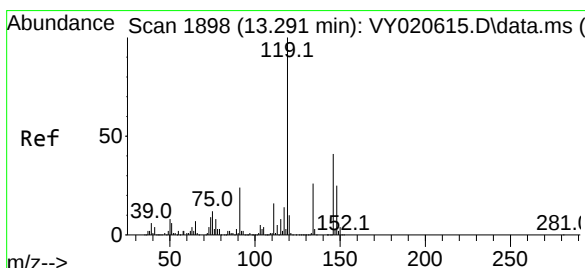
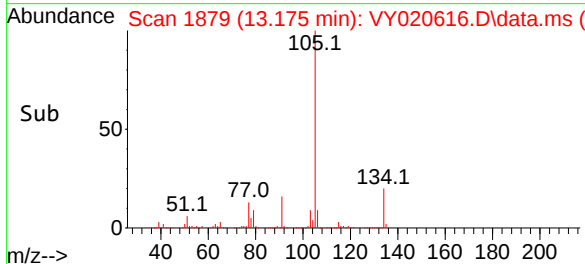
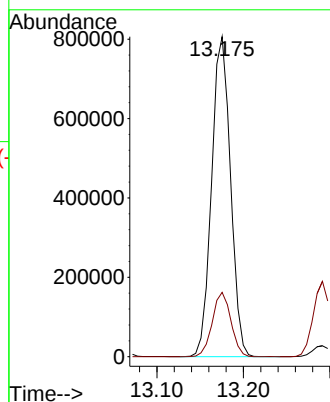
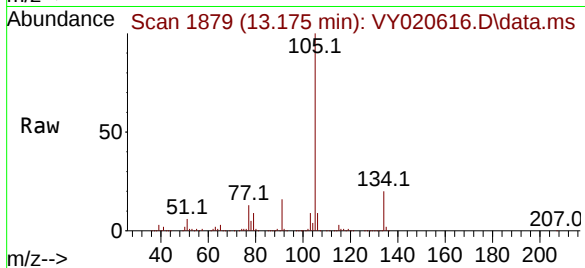
VSTDICC100

Tgt Ion:105 Resp: 1220465

Ion Ratio Lower Upper

105 100

134 19.9 10.0 30.0



#86

p-Isopropyltoluene

Concen: 99.089 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY020616.D

Acq: 17 Dec 2024 11:14

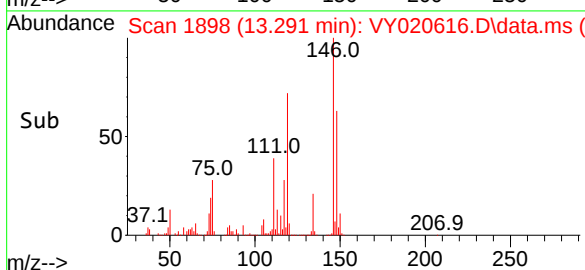
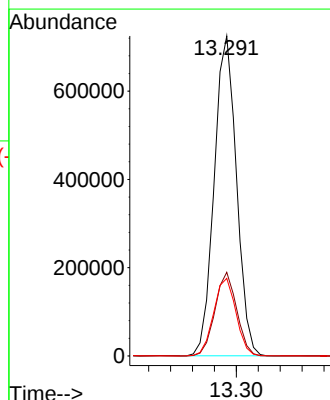
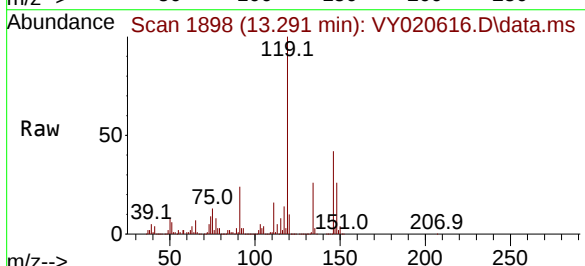
Tgt Ion:119 Resp: 1023181

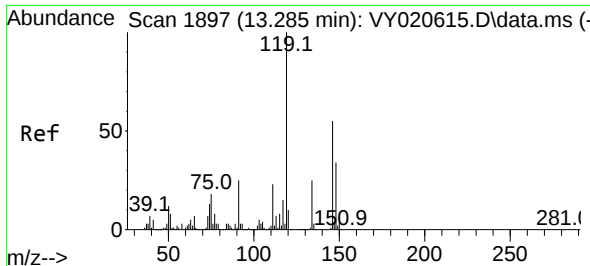
Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.6

91 24.3 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 97.633 ug/l

RT: 13.285 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY020616.D

Acq: 17 Dec 2024 11:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

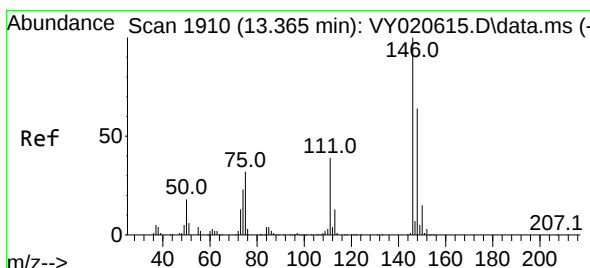
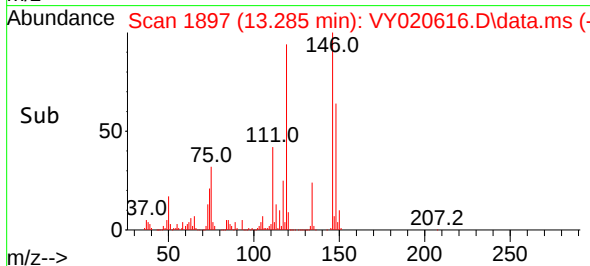
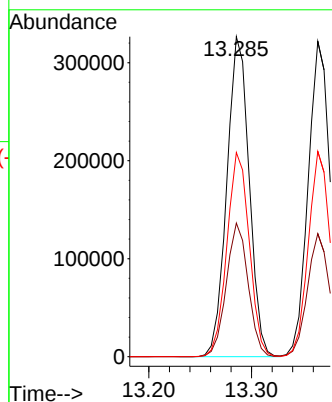
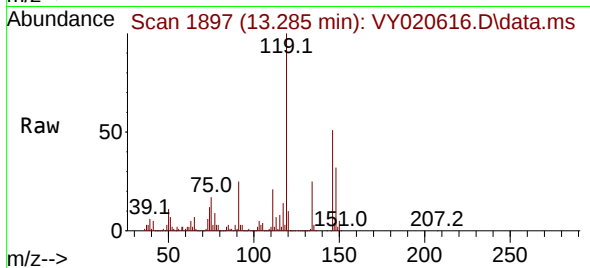
Tgt Ion:146 Resp: 492097

Ion Ratio Lower Upper

146 100

111 40.8 20.6 61.8

148 63.8 31.4 94.0



#88

1,4-Dichlorobenzene

Concen: 96.707 ug/l

RT: 13.364 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY020616.D

Acq: 17 Dec 2024 11:14

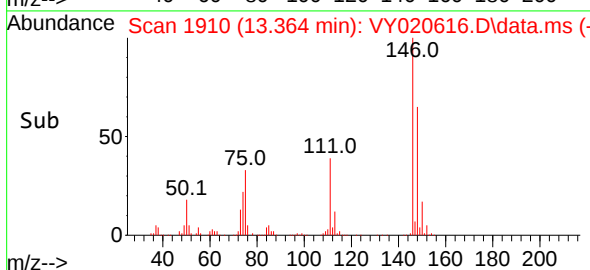
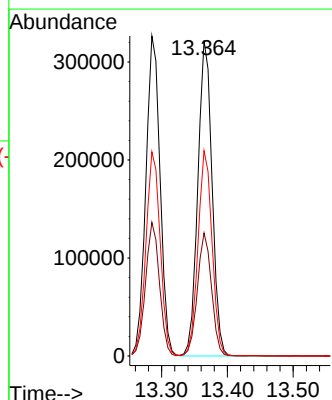
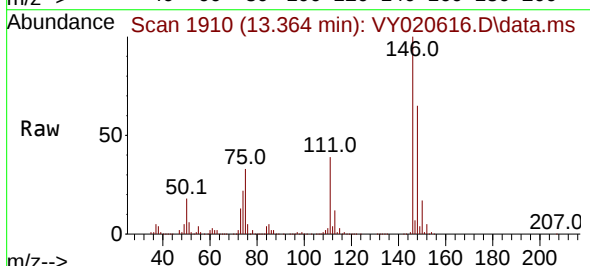
Tgt Ion:146 Resp: 482756

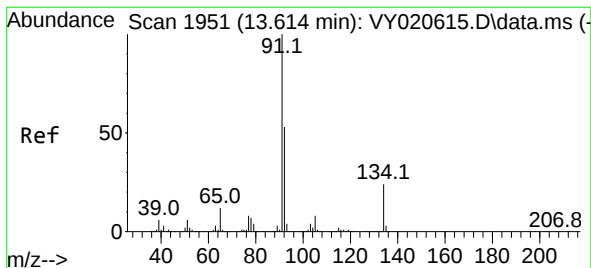
Ion Ratio Lower Upper

146 100

111 38.7 19.6 58.7

148 64.1 31.9 95.5





#89

n-Butylbenzene

Concen: 98.789 ug/l

RT: 13.614 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY020616.D

Acq: 17 Dec 2024 11:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

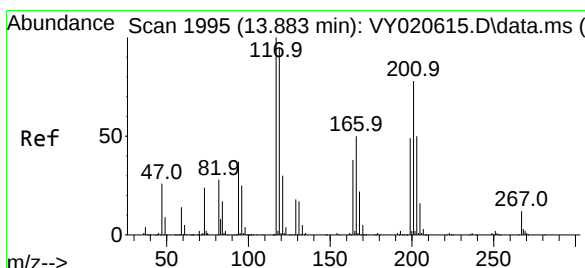
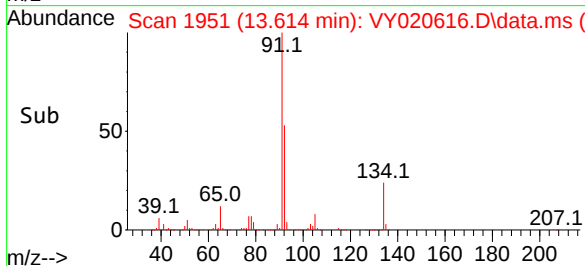
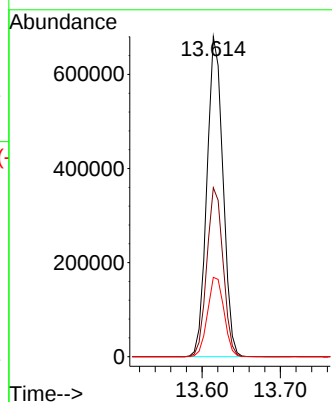
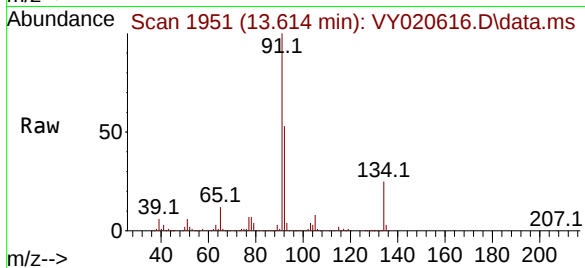
Tgt Ion: 91 Resp: 966758

Ion Ratio Lower Upper

91 100

92 53.3 26.8 80.4

134 25.5 12.5 37.5



#90

Hexachloroethane

Concen: 98.910 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. -0.000 min

Lab File: VY020616.D

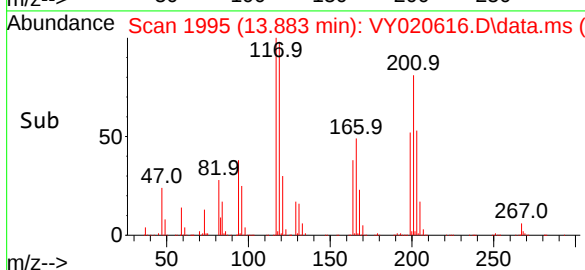
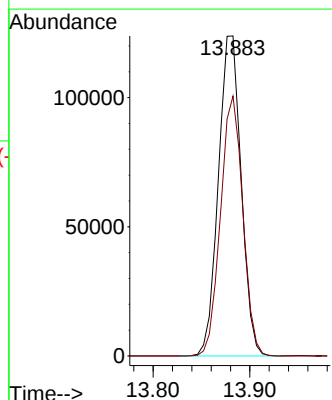
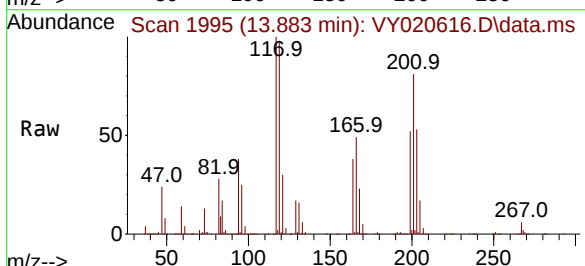
Acq: 17 Dec 2024 11:14

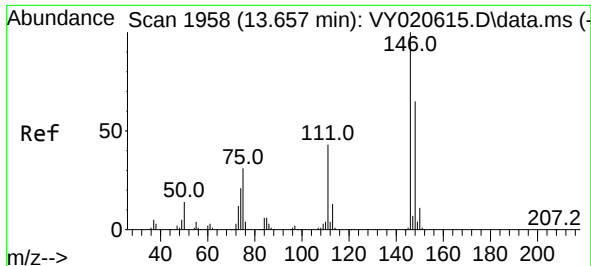
Tgt Ion: 117 Resp: 202399

Ion Ratio Lower Upper

117 100

201 79.3 39.1 117.3

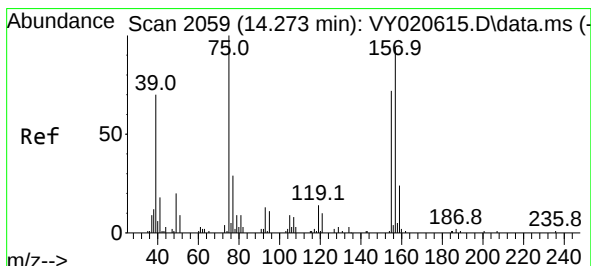
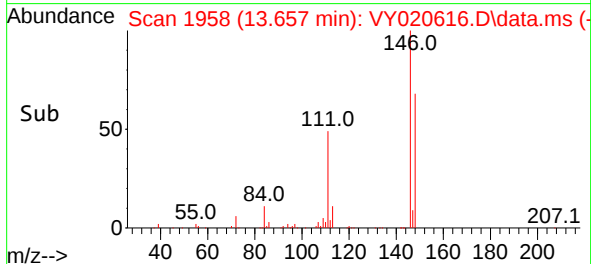
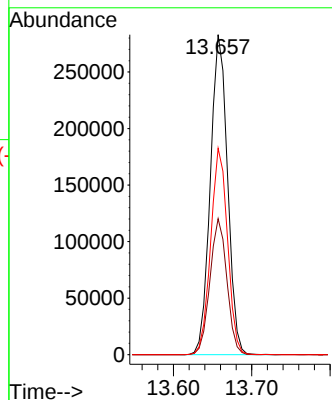
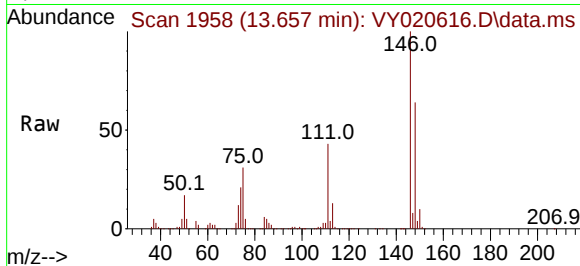




#91
1,2-Dichlorobenzene
Concen: 98.552 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

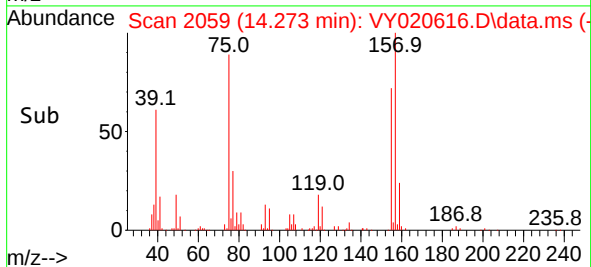
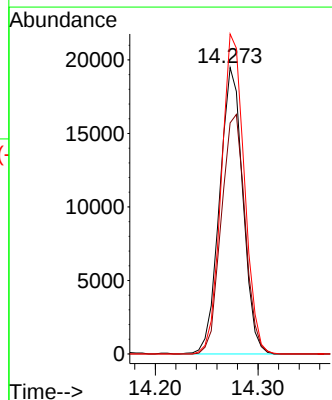
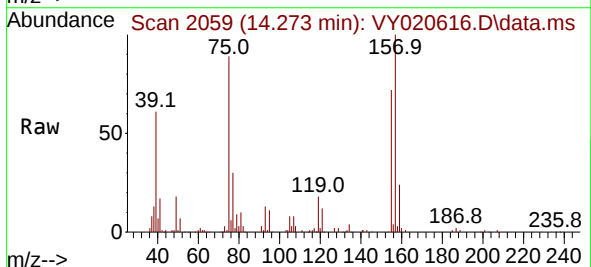
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

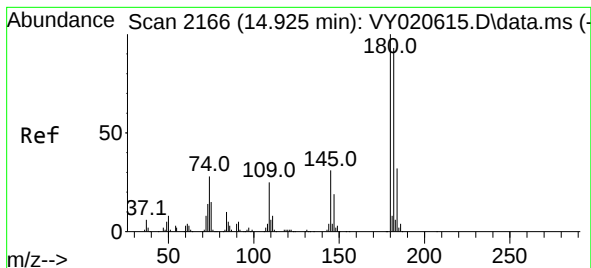
Tgt Ion:146 Resp: 430383
Ion Ratio Lower Upper
146 100
111 41.9 21.3 63.7
148 63.3 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 99.008 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY020616.D
Acq: 17 Dec 2024 11:14

Tgt Ion: 75 Resp: 30584
Ion Ratio Lower Upper
75 100
155 85.4 41.1 123.3
157 110.3 52.9 158.8





#93

1,2,4-Trichlorobenzene

Concen: 104.790 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY020616.D

Acq: 17 Dec 2024 11:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

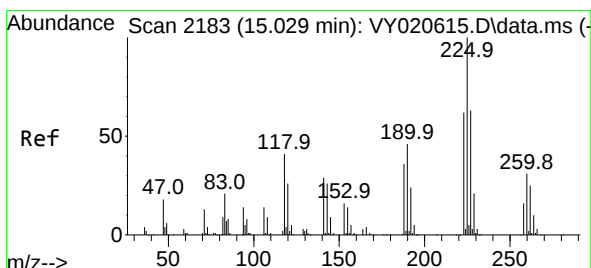
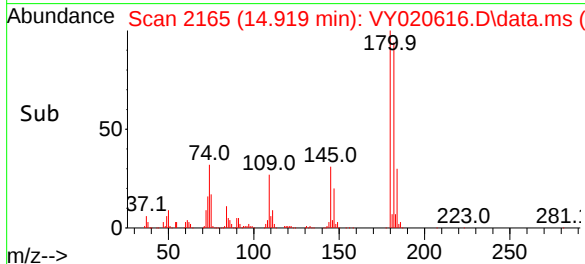
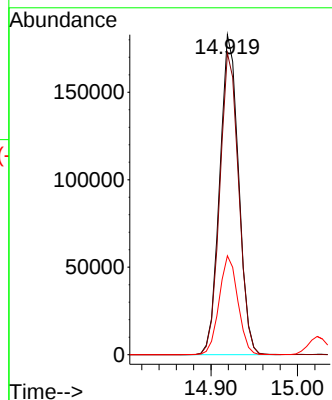
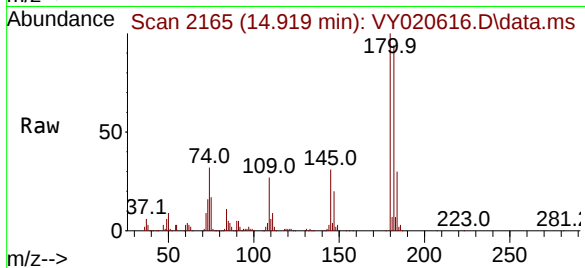
Tgt Ion:180 Resp: 276806

Ion Ratio Lower Upper

180 100

182 94.5 47.9 143.6

145 30.6 15.6 46.7



#94

Hexachlorobutadiene

Concen: 98.635 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY020616.D

Acq: 17 Dec 2024 11:14

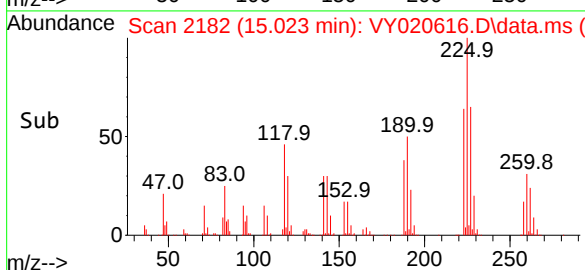
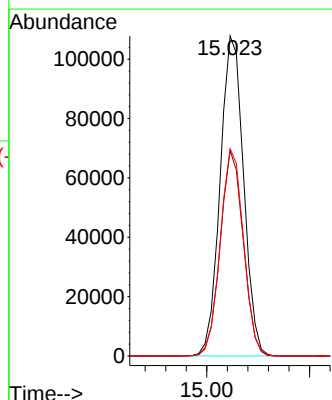
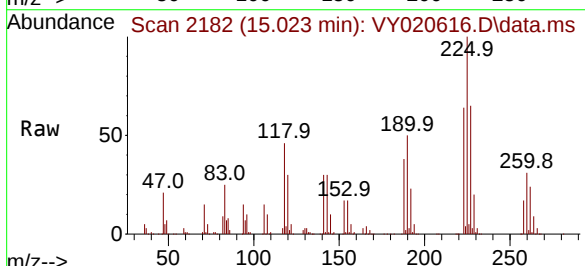
Tgt Ion:225 Resp: 170325

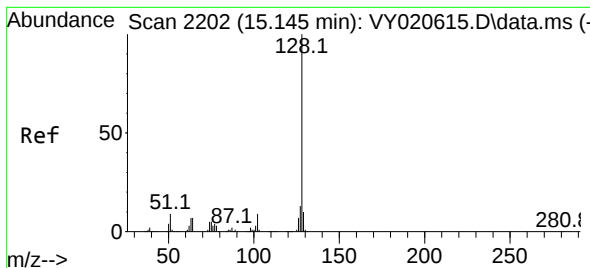
Ion Ratio Lower Upper

225 100

223 63.0 31.8 95.3

227 64.1 32.2 96.6





#95

Naphthalene

Concen: 113.046 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY020616.D

Acq: 17 Dec 2024 11:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

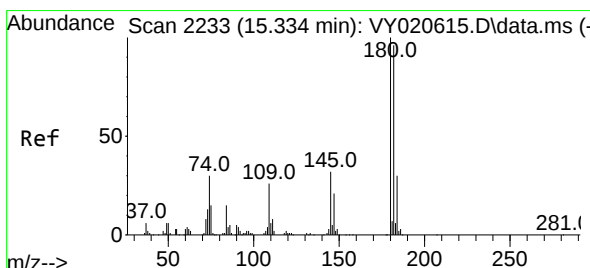
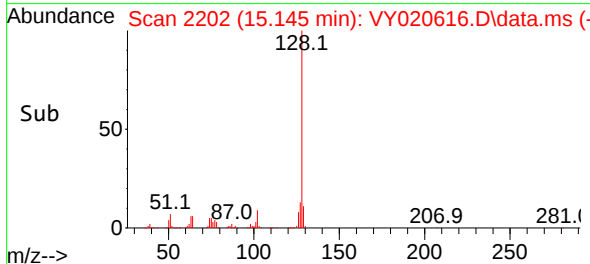
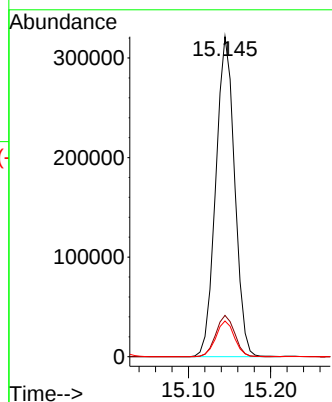
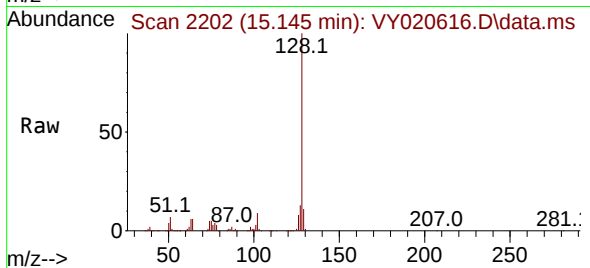
Tgt Ion:128 Resp: 511948

Ion Ratio Lower Upper

128 100

127 12.9 10.7 16.1

129 11.1 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 105.207 ug/l

RT: 15.327 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY020616.D

Acq: 17 Dec 2024 11:14

Tgt Ion:180 Resp: 234803

Ion Ratio Lower Upper

180 100

182 95.6 47.3 141.9

145 33.0 16.0 48.0

