

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120123\
 Data File : VY016554.D
 Acq On : 01 Dec 2023 10:44
 Operator : SY/MD
 Sample : VY1201SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 01 23:35:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 30 03:28:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	158292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	244103	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	210046	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	100953	50.000	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	64809	51.823	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.640%	
35) Dibromofluoromethane	7.740	113	75412	52.638	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.280%	
50) Toluene-d8	10.197	98	294156	52.938	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.880%	
62) 4-Bromofluorobenzene	12.495	95	95060	54.534	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.060%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	30364	22.021	ug/l	96
3) Chloromethane	2.125	50	30314	22.039	ug/l	96
4) Vinyl Chloride	2.266	62	34541	22.249	ug/l	95
5) Bromomethane	2.668	94	21617	21.510	ug/l	98
6) Chloroethane	2.814	64	21785	21.736	ug/l	97
7) Trichlorofluoromethane	3.143	101	58954	21.935	ug/l	98
8) Diethyl Ether	3.552	74	14342	20.091	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.918	101	33289	21.819	ug/l	97
10) Methyl Iodide	4.113	142	35853	20.771	ug/l	96
11) Tert butyl alcohol	4.966	59	7628	96.236	ug/l #	80
12) 1,1-Dichloroethene	3.893	96	30148	21.143	ug/l	82
13) Acrolein	3.747	56	13143	87.506	ug/l	98
14) Allyl chloride	4.503	41	33530	20.455	ug/l #	88
15) Acrylonitrile	5.186	53	25760	101.976	ug/l	94
16) Acetone	3.966	43	27954	113.375	ug/l #	83
17) Carbon Disulfide	4.216	76	82716	20.562	ug/l	97
18) Methyl Acetate	4.497	43	17933	19.372	ug/l #	83
19) Methyl tert-butyl Ether	5.247	73	63743	20.514	ug/l	97
20) Methylene Chloride	4.741	84	35062	22.497	ug/l #	80
21) trans-1,2-Dichloroethene	5.247	96	34003	21.411	ug/l	83
22) Diisopropyl ether	6.143	45	73843	21.484	ug/l #	84
23) Vinyl Acetate	6.088	43	166277	104.903	ug/l #	86
24) 1,1-Dichloroethane	6.045	63	51940	21.412	ug/l	95
25) 2-Butanone	7.009	43	36229	107.374	ug/l #	78
26) 2,2-Dichloropropane	7.009	77	51905	21.650	ug/l	95
27) cis-1,2-Dichloroethene	7.015	96	36659	21.486	ug/l	86
28) Bromochloromethane	7.356	49	17971	20.499	ug/l #	65
29) Tetrahydrofuran	7.368	42	18254	100.705	ug/l #	75
30) Chloroform	7.527	83	58550	21.656	ug/l	94
31) Cyclohexane	7.807	56	45289	20.628	ug/l #	79
32) 1,1,1-Trichloroethane	7.728	97	57437	21.923	ug/l	94
36) 1,1-Dichloropropene	7.941	75	45002	21.271	ug/l	96
37) Ethyl Acetate	7.100	43	13816	20.836	ug/l #	92
38) Carbon Tetrachloride	7.923	117	54292	21.865	ug/l	99
39) Methylcyclohexane	9.203	83	54791	20.763	ug/l	87
40) Benzene	8.179	78	129849	21.647	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	5852	16.754	ug/l #	77
42) 1,2-Dichloroethane	8.258	62	32393	21.792	ug/l	92
43) Isopropyl Acetate	8.289	43	26556	20.367	ug/l #	82
44) Trichloroethene	8.959	130	40425	21.879	ug/l	96
45) 1,2-Dichloropropane	9.234	63	29080	21.484	ug/l	98
46) Dibromomethane	9.325	93	16224	21.317	ug/l	96
47) Bromodichloromethane	9.514	83	44177	21.984	ug/l	99
48) Methyl methacrylate	9.307	41	14418	19.696	ug/l #	75
49) 1,4-Dioxane	9.319	88	2981	422.563	ug/l #	47
51) 4-Methyl-2-Pentanone	10.081	43	66561	97.853	ug/l #	84
52) Toluene	10.258	92	83995	21.798	ug/l	94
53) t-1,3-Dichloropropene	10.477	75	39627	21.281	ug/l	100
54) cis-1,3-Dichloropropene	9.941	75	48743	21.602	ug/l #	84
55) 1,1,2-Trichloroethane	10.660	97	23229	21.151	ug/l	93
56) Ethyl methacrylate	10.520	69	19253	20.715	ug/l #	75
57) 1,3-Dichloropropane	10.801	76	37920	21.436	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.795	63	53341	92.812	ug/l #	87
59) 2-Hexanone	10.843	43	57337	106.713	ug/l	80
60) Dibromochloromethane	10.996	129	31218	21.747	ug/l	100
61) 1,2-Dibromoethane	11.105	107	21921	21.136	ug/l	100
64) Tetrachloroethene	10.734	164	41000	21.933	ug/l	96
65) Chlorobenzene	11.532	112	92494	21.989	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	35450	21.984	ug/l	100
67) Ethyl Benzene	11.605	91	158941	21.525	ug/l	98
68) m/p-Xylenes	11.715	106	124897	43.706	ug/l	92
69) o-Xylene	12.044	106	58944	22.468	ug/l	93
70) Styrene	12.056	104	84114	22.283	ug/l	97
71) Bromoform	12.221	173	17864	21.447	ug/l #	99
73) Isopropylbenzene	12.343	105	161393	21.081	ug/l	98
74) N-amyl acetate	12.154	43	21465	19.854	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.593	83	22639	19.921	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	29866	35.235	ug/l #	100
77) Bromobenzene	12.617	156	37631	21.110	ug/l	86
78) n-propylbenzene	12.684	91	186850	21.333	ug/l	97
79) 2-Chlorotoluene	12.770	91	102050	20.948	ug/l	96
80) 1,3,5-Trimethylbenzene	12.825	105	132667	21.557	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.392	75	7673	19.743	ug/l #	85
82) 4-Chlorotoluene	12.867	91	107389	21.470	ug/l	97
83) tert-Butylbenzene	13.087	119	117145	21.092	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	129790	21.662	ug/l	98
85) sec-Butylbenzene	13.264	105	165408	21.534	ug/l	99
86) p-Isopropyltoluene	13.379	119	144755	21.811	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	72106	21.422	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	69956	21.234	ug/l	99
89) n-Butylbenzene	13.709	91	125836	21.632	ug/l	96
90) Hexachloroethane	13.971	117	27800	21.469	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	61051	21.401	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	3273	20.472	ug/l	79
93) 1,2,4-Trichlorobenzene	15.019	180	33508	21.279	ug/l	97
94) Hexachlorobutadiene	15.123	225	22500	22.774	ug/l	99
95) Naphthalene	15.245	128	52302	20.078	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	26449	21.139	ug/l	99

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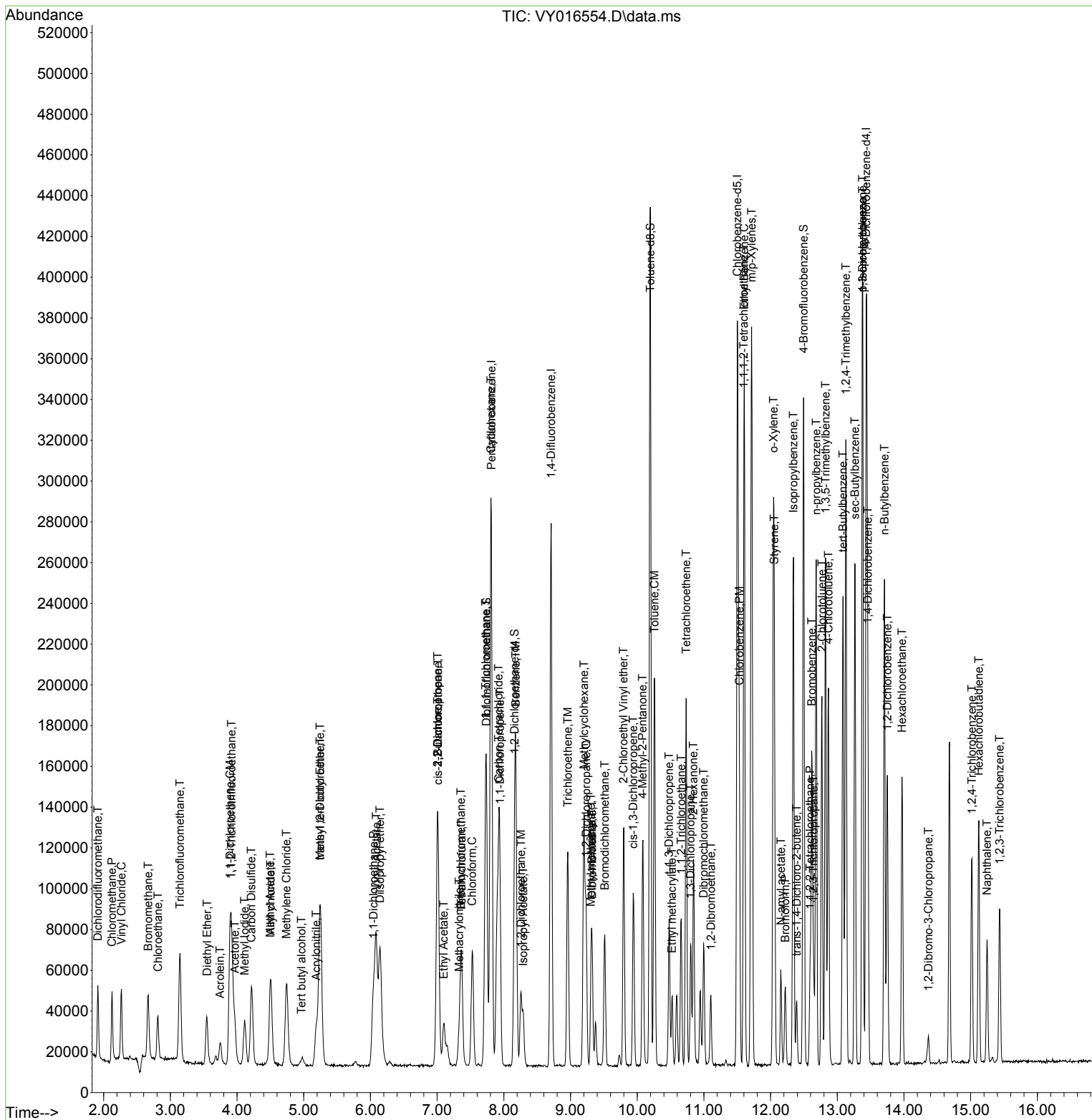
Instrument :
MSVOA_Y
ClientSampleId :

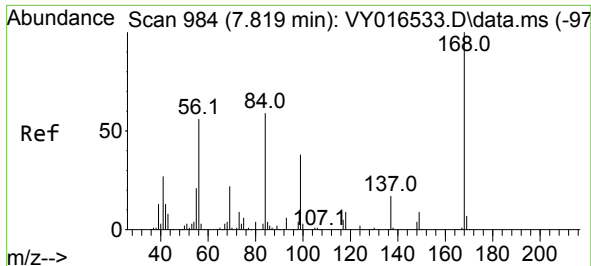
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QLast Update : Thu Nov 30 03:28:04 2023
Response via : Initial Calibration

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

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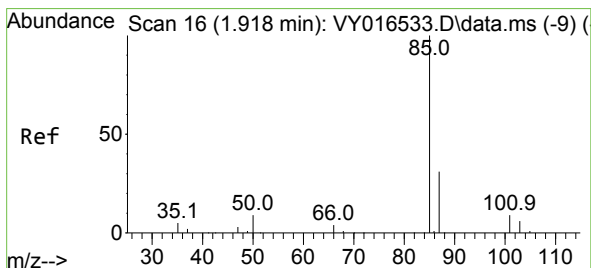
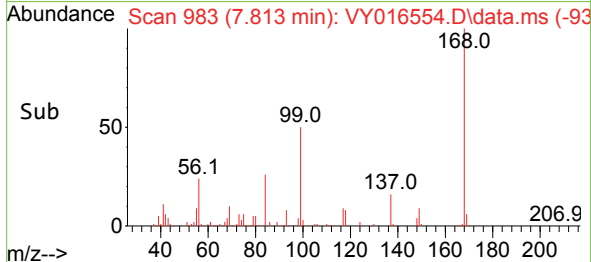
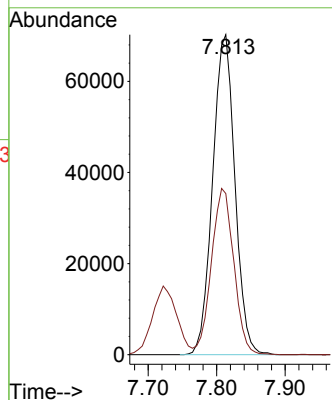
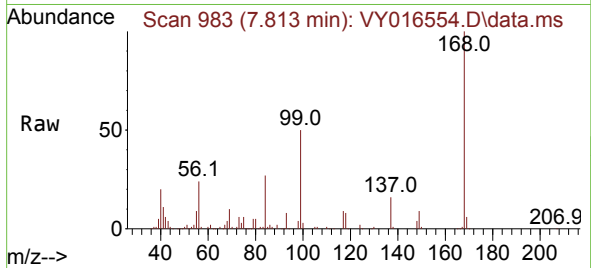




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016554.D
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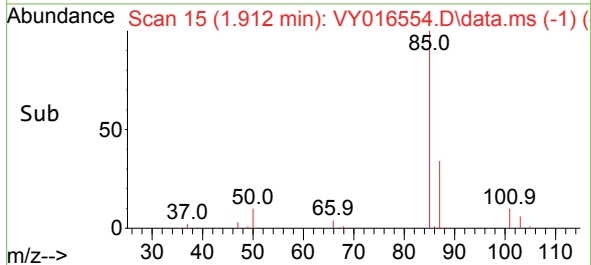
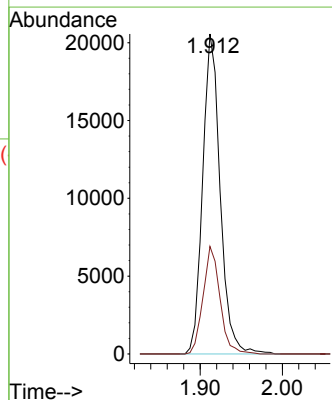
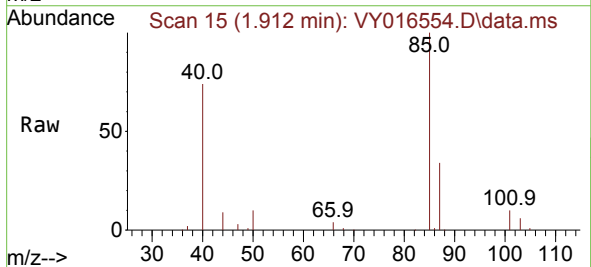
Instrument :
MSVOA_Y
ClientSampleId :

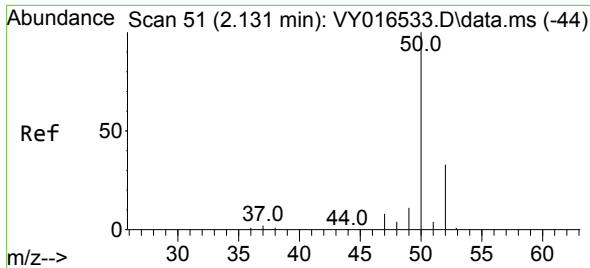
Tgt Ion:168 Resp: 158292
Ion Ratio Lower Upper
168 100
99 50.3 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 22.021 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.006 min
Lab File: VY016554.D
Acq: 01 Dec 2023 10:44

Tgt Ion: 85 Resp: 30364
Ion Ratio Lower Upper
85 100
87 33.6 15.6 46.8

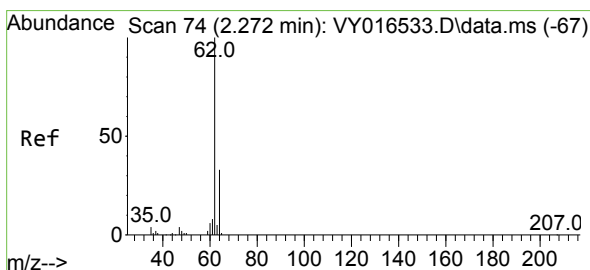
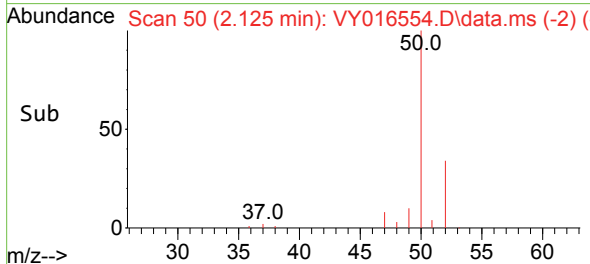
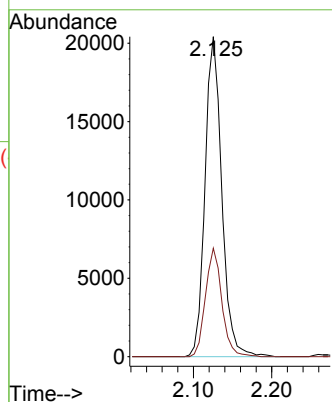
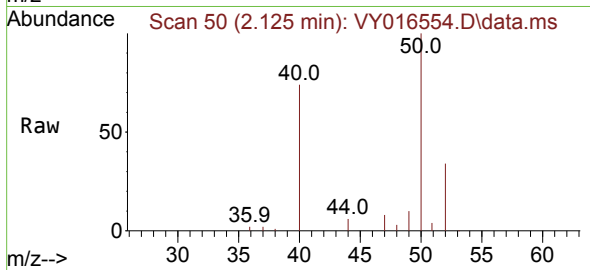




#3
Chloromethane
Concen: 22.039 ug/l
RT: 2.125 min Scan# 50
Delta R.T. -0.006 min
Lab File: VY016554.D
Acq: 01 Dec 2023 10:44

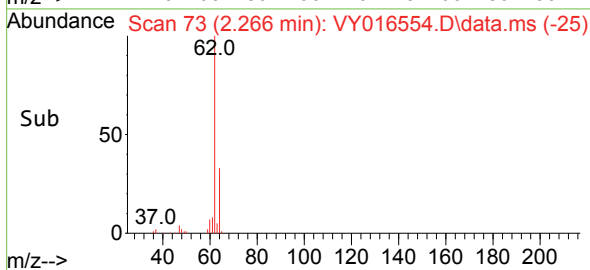
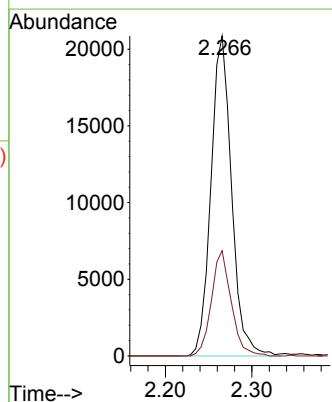
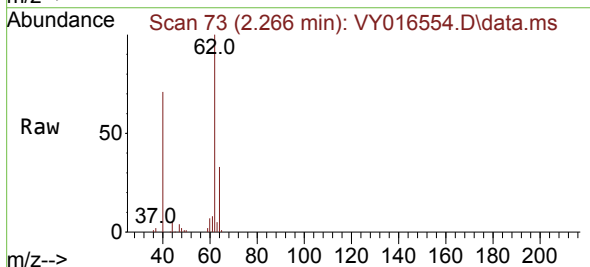
Instrument :
MSVOA_Y
ClientSampleId :

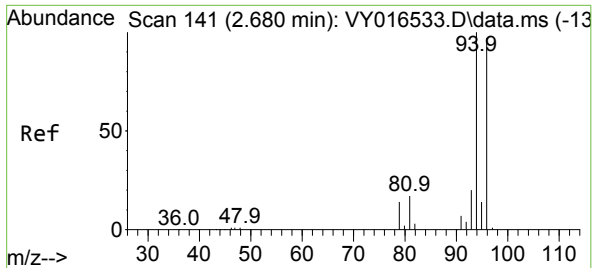
Tgt Ion: 50 Resp: 30314
Ion Ratio Lower Upper
50 100
52 33.9 25.4 38.2



#4
Vinyl Chloride
Concen: 22.249 ug/l
RT: 2.266 min Scan# 73
Delta R.T. -0.006 min
Lab File: VY016554.D
Acq: 01 Dec 2023 10:44

Tgt Ion: 62 Resp: 34541
Ion Ratio Lower Upper
62 100
64 32.9 24.3 36.5

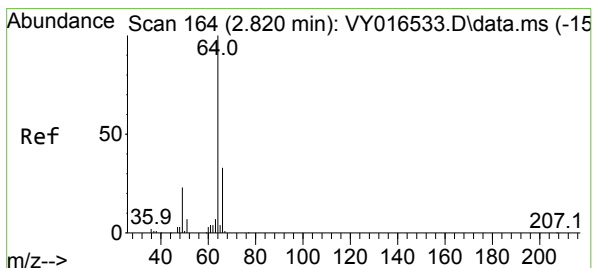
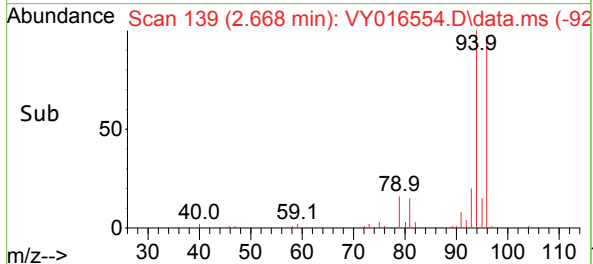
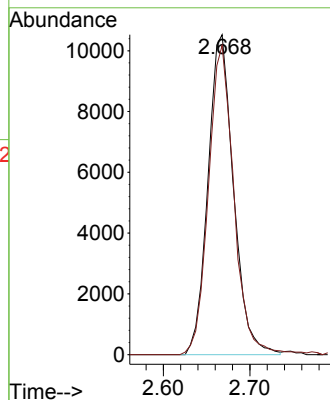
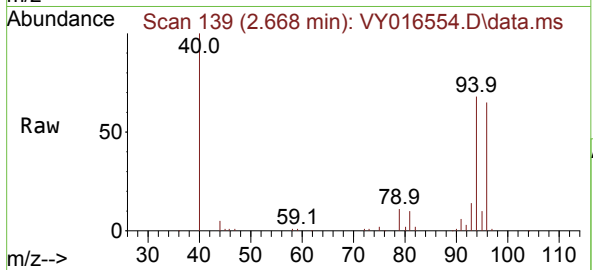




#5
Bromomethane
Concen: 21.510 ug/l
RT: 2.668 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016554.D
Acq: 01 Dec 2023 10:44

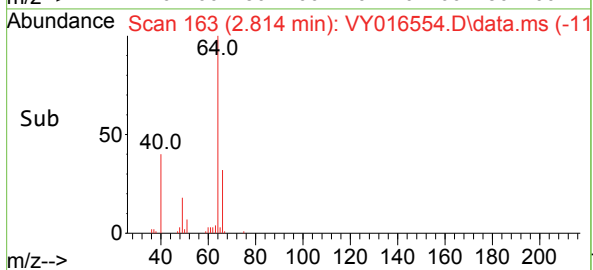
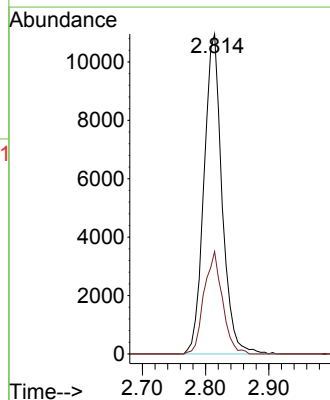
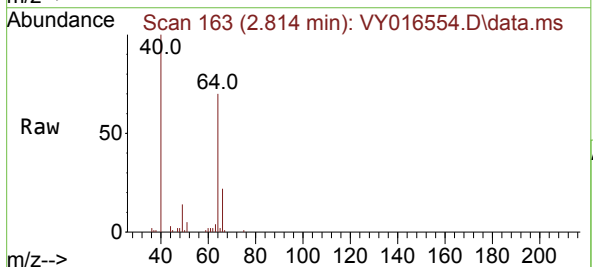
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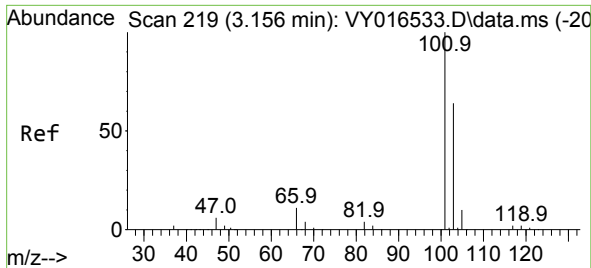
Tgt Ion: 94 Resp: 21617
Ion Ratio Lower Upper
94 100
96 96.6 75.8 113.6



#6
Chloroethane
Concen: 21.736 ug/l
RT: 2.814 min Scan# 163
Delta R.T. -0.006 min
Lab File: VY016554.D
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Tgt Ion: 64 Resp: 21785
Ion Ratio Lower Upper
64 100
66 32.0 24.4 36.6

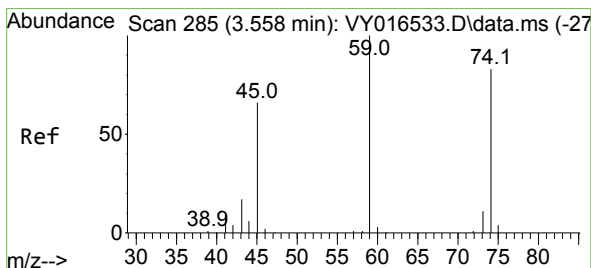
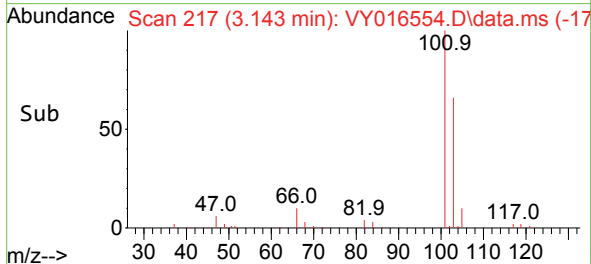
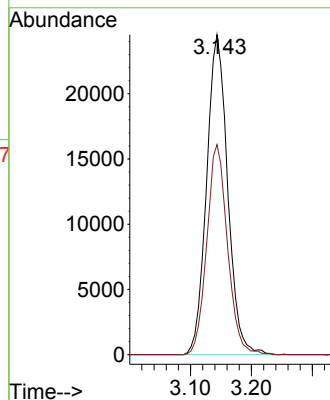
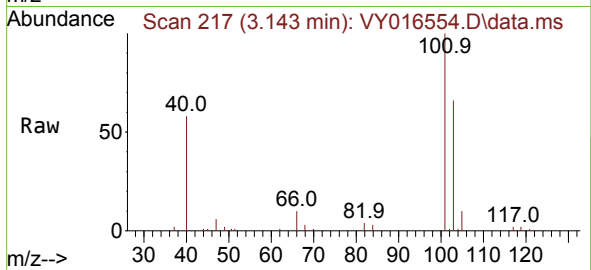




#7
Trichlorofluoromethane
Concen: 21.935 ug/l
RT: 3.143 min Scan# 219
Delta R.T. -0.012 min
Lab File: VY016554.D
Acq: 01 Dec 2023 10:44

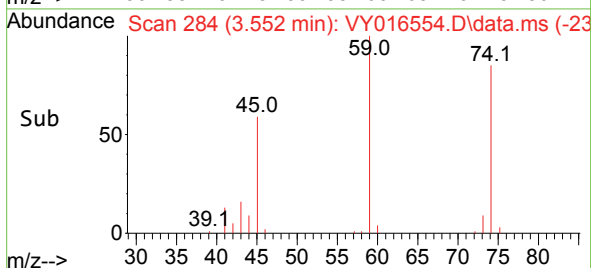
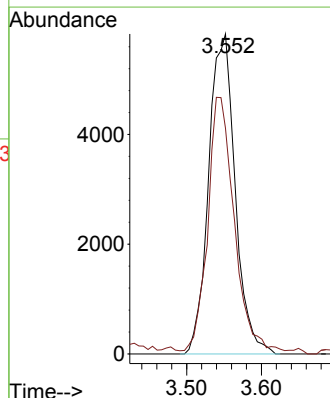
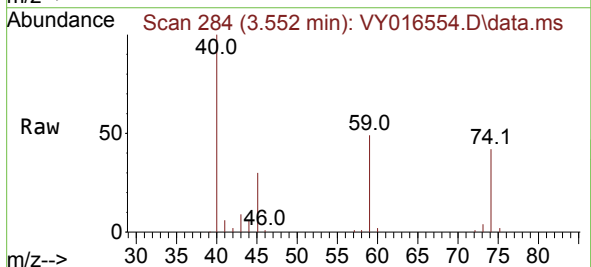
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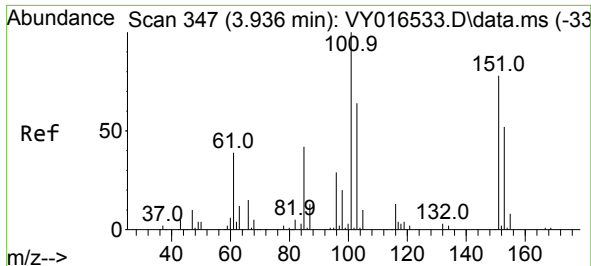
Tgt Ion:101 Resp: 58954
Ion Ratio Lower Upper
101 100
103 65.7 51.4 77.0



#8
Diethyl Ether
Concen: 20.091 ug/l
RT: 3.552 min Scan# 284
Delta R.T. -0.006 min
Lab File: VY016554.D
Acq: 01 Dec 2023 10:44

Tgt Ion: 74 Resp: 14342
Ion Ratio Lower Upper
74 100
45 78.3 51.5 154.5

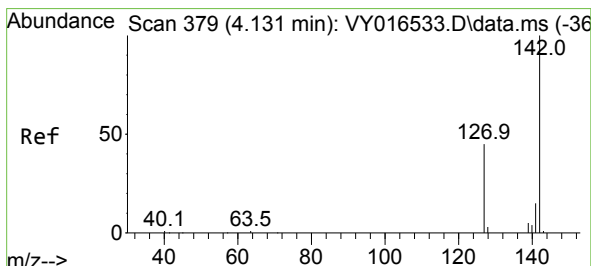
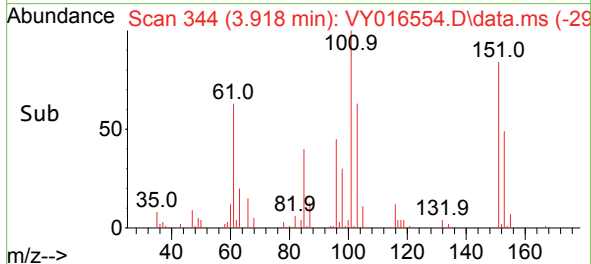
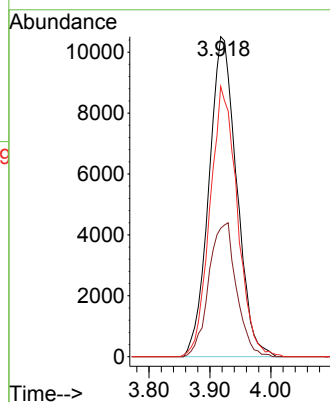
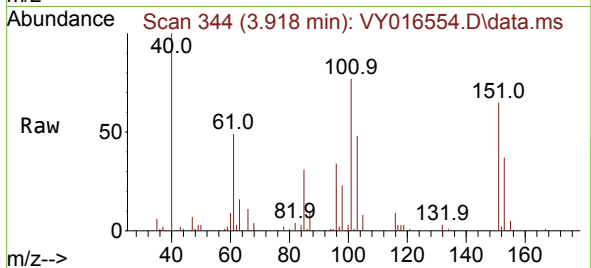




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.819 ug/l
RT: 3.918 min Scan# 34
Delta R.T. -0.018 min
Lab File: VY016554.D
Acq: 01 Dec 2023 10:44

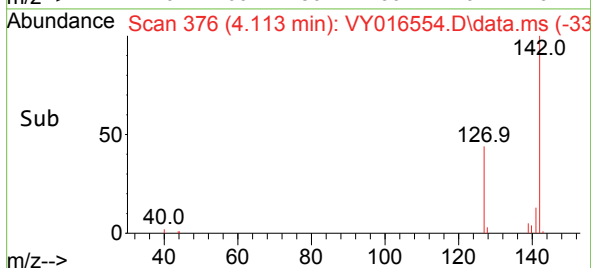
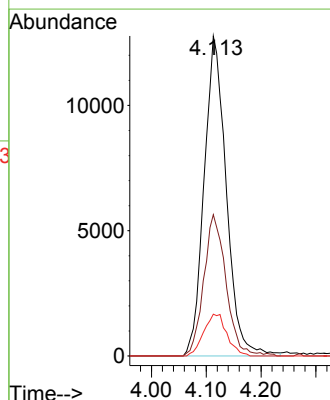
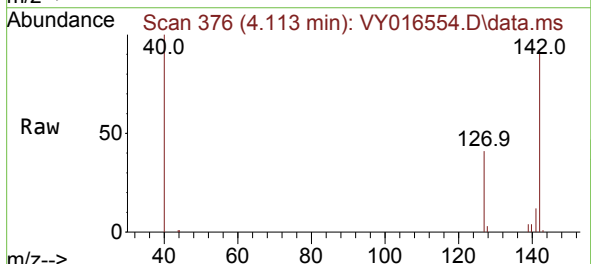
Instrument :
MSVOA_Y
ClientSampleId :

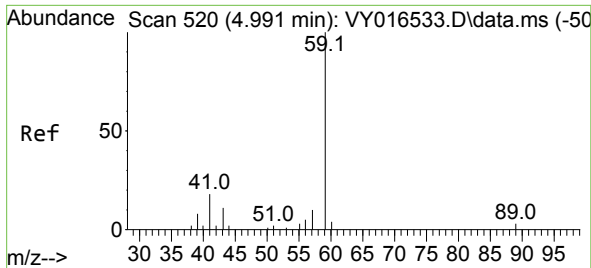
Tgt Ion:101 Resp: 33289
Ion Ratio Lower Upper
101 100
85 41.5 36.6 55.0
151 83.1 67.0 100.6



#10
Methyl Iodide
Concen: 20.771 ug/l
RT: 4.113 min Scan# 376
Delta R.T. -0.018 min
Lab File: VY016554.D
Acq: 01 Dec 2023 10:44

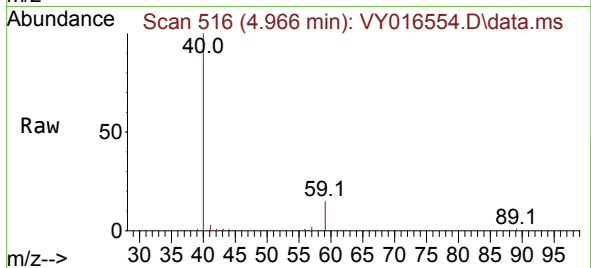
Tgt Ion:142 Resp: 35853
Ion Ratio Lower Upper
142 100
127 44.4 37.6 56.4
141 13.7 11.8 17.8



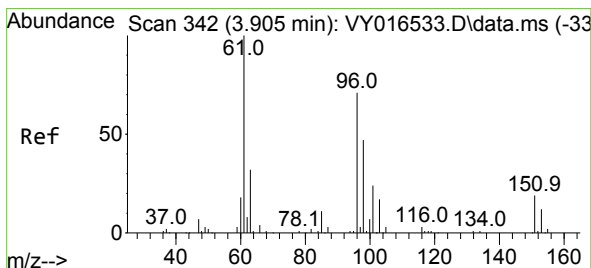
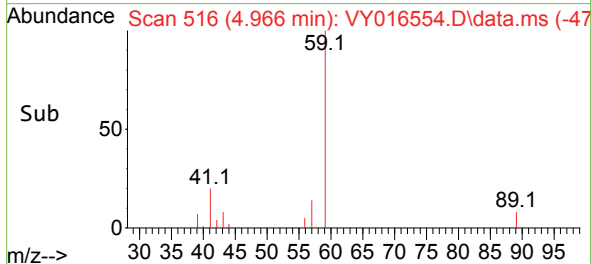
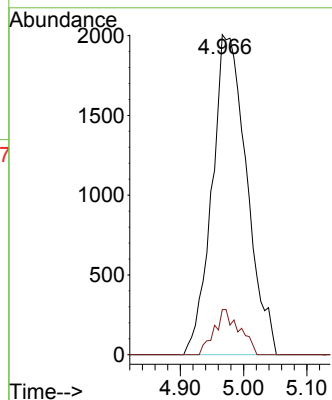


#11
Tert butyl alcohol
Concen: 96.236 ug/l
RT: 4.966 min Scan# 51
Delta R.T. -0.024 min
Lab File: VY016554.D
Acq: 01 Dec 2023 10:44

Instrument :
MSVOA_Y
ClientSampleId :

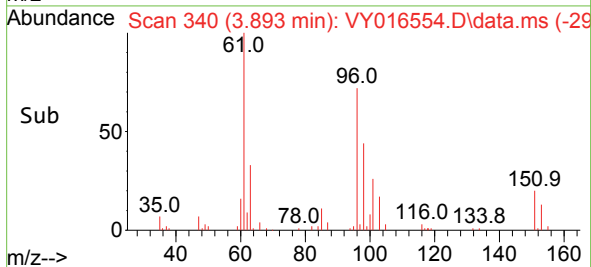
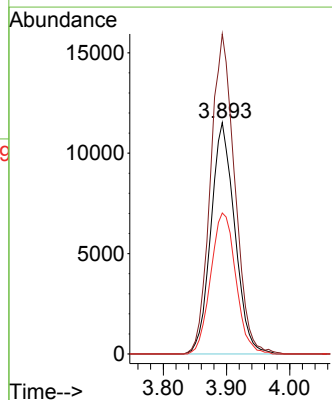
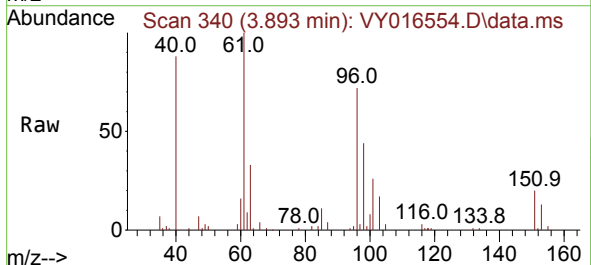


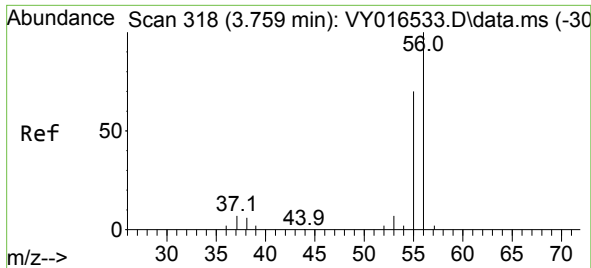
Tgt Ion: 59 Resp: 7628
Ion Ratio Lower Upper
59 100
57 10.3 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 21.143 ug/l
RT: 3.893 min Scan# 340
Delta R.T. -0.012 min
Lab File: VY016554.D
Acq: 01 Dec 2023 10:44

Tgt Ion: 96 Resp: 30148
Ion Ratio Lower Upper
96 100
61 138.3 136.4 204.6
98 60.9 49.4 74.2

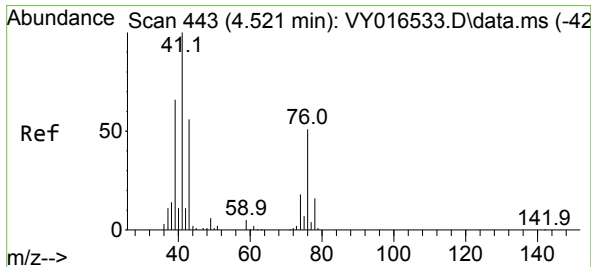
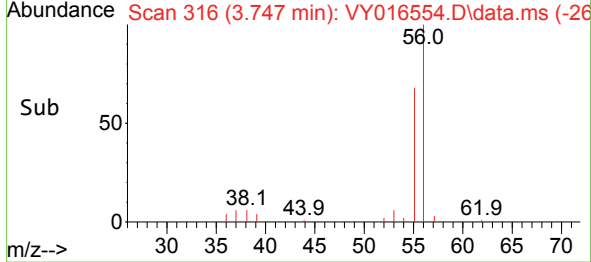
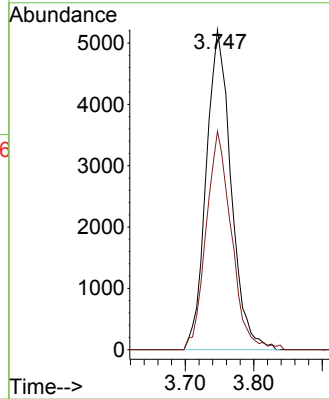
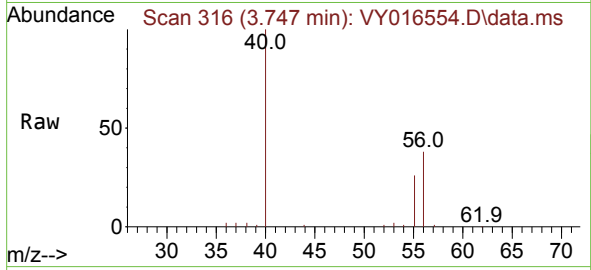




#13
Acrolein
Concen: 87.506 ug/l
RT: 3.747 min Scan# 318
Delta R.T. -0.012 min
Lab File: VY016554.D
Acq: 01 Dec 2023 10:44

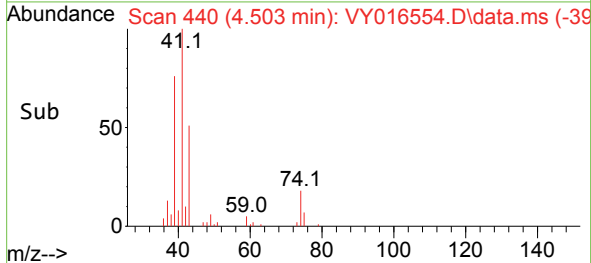
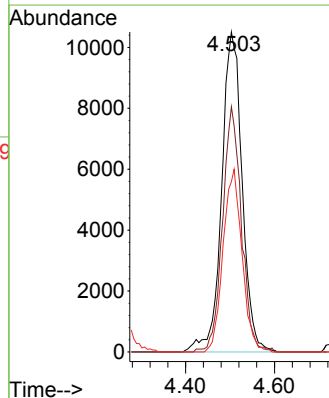
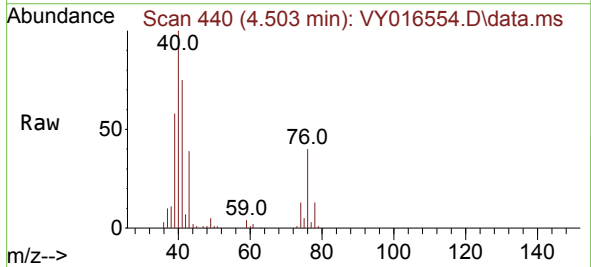
Instrument :
MSVOA_Y
ClientSampleId :

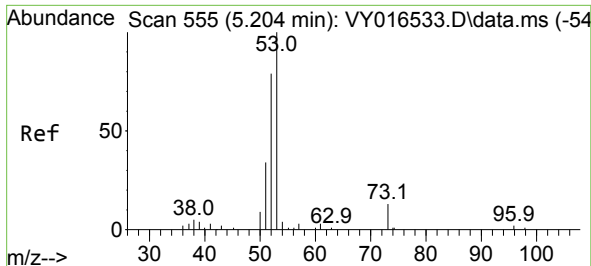
Tgt Ion: 56 Resp: 13143
Ion Ratio Lower Upper
56 100
55 69.6 57.0 85.4



#14
Allyl chloride
Concen: 20.455 ug/l
RT: 4.503 min Scan# 440
Delta R.T. -0.018 min
Lab File: VY016554.D
Acq: 01 Dec 2023 10:44

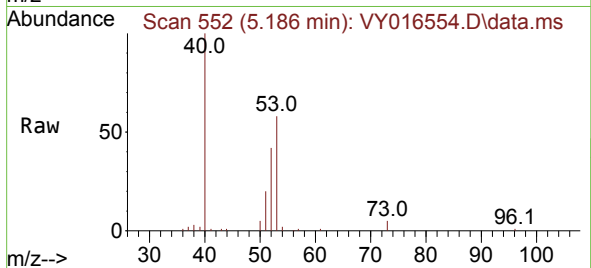
Tgt Ion: 41 Resp: 33530
Ion Ratio Lower Upper
41 100
39 70.6 58.0 87.0
76 52.8 27.4 41.2#



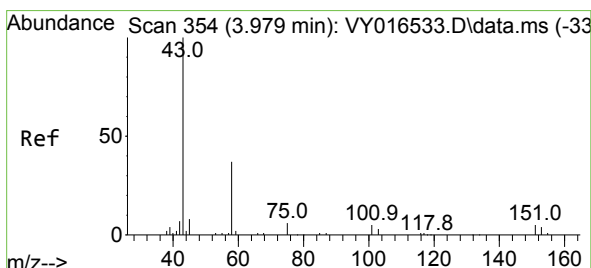
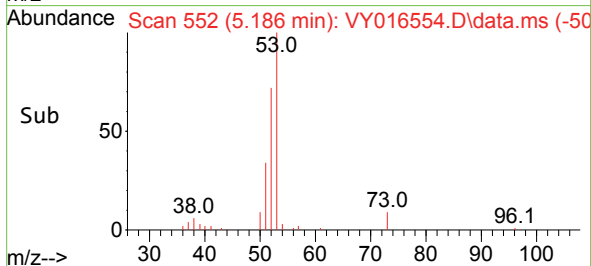
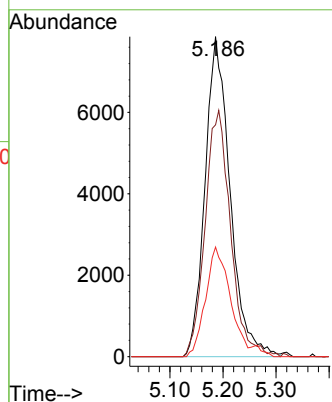


#15
Acrylonitrile
Concen: 101.976 ug/l
RT: 5.186 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY016554.D
Acq: 01 Dec 2023 10:44

Instrument :
MSVOA_Y
ClientSampleId :

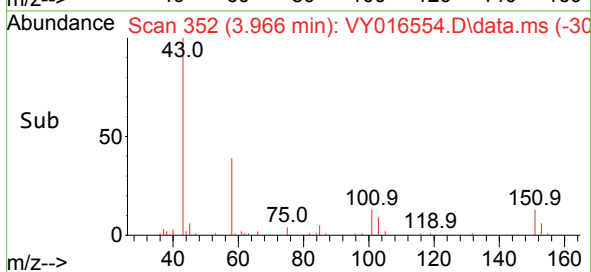
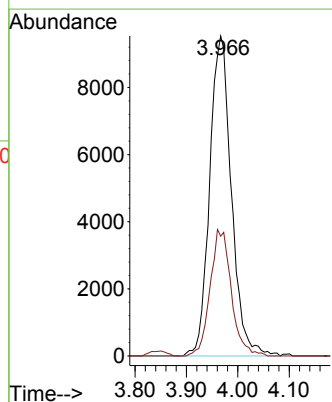
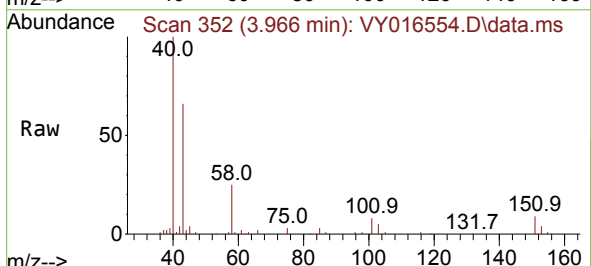


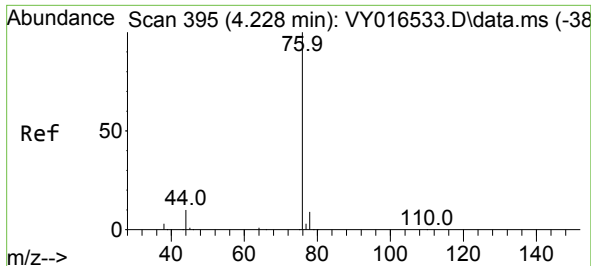
Tgt Ion: 53 Resp: 25760
Ion Ratio Lower Upper
53 100
52 78.1 66.9 100.3
51 33.8 29.8 44.6



#16
Acetone
Concen: 113.375 ug/l
RT: 3.966 min Scan# 352
Delta R.T. -0.013 min
Lab File: VY016554.D
Acq: 01 Dec 2023 10:44

Tgt Ion: 43 Resp: 27954
Ion Ratio Lower Upper
43 100
58 37.5 22.7 34.1#





#17

Carbon Disulfide

Concen: 20.562 ug/l

RT: 4.216 min Scan# 393

Delta R.T. -0.012 min

Lab File: VY016554.D

Acq: 01 Dec 2023 10:44

Instrument :

MSVOA_Y

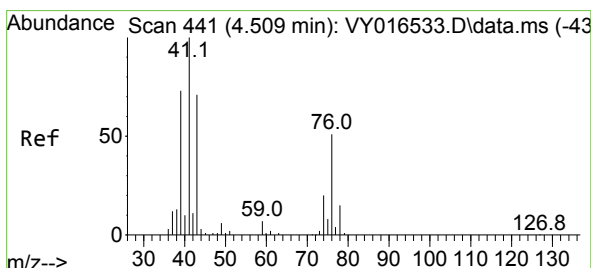
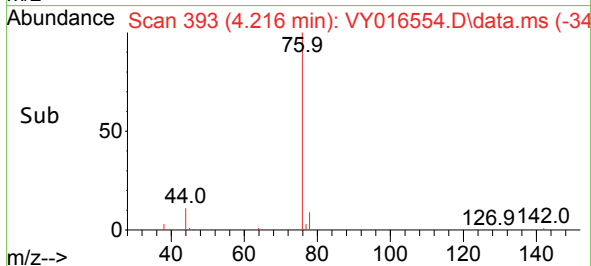
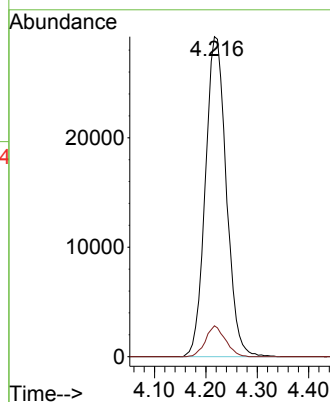
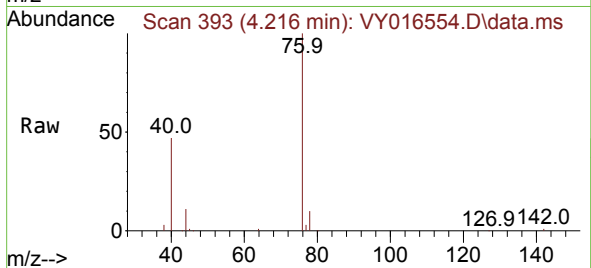
ClientSampleId :

Tgt Ion: 76 Resp: 82716

Ion Ratio Lower Upper

76 100

78 9.6 7.0 10.4



#18

Methyl Acetate

Concen: 19.372 ug/l

RT: 4.497 min Scan# 439

Delta R.T. -0.012 min

Lab File: VY016554.D

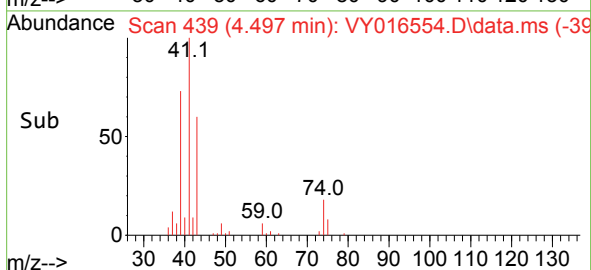
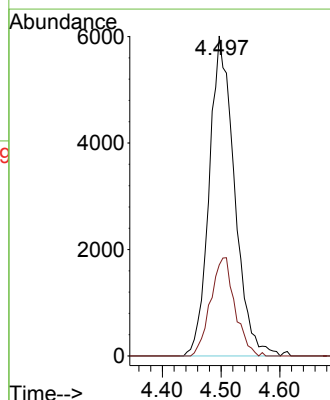
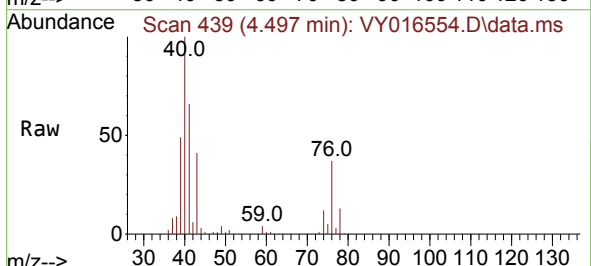
Acq: 01 Dec 2023 10:44

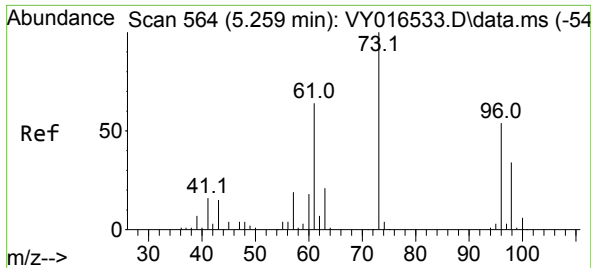
Tgt Ion: 43 Resp: 17933

Ion Ratio Lower Upper

43 100

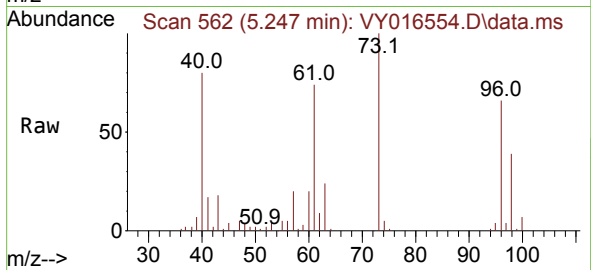
74 29.6 17.4 26.0#



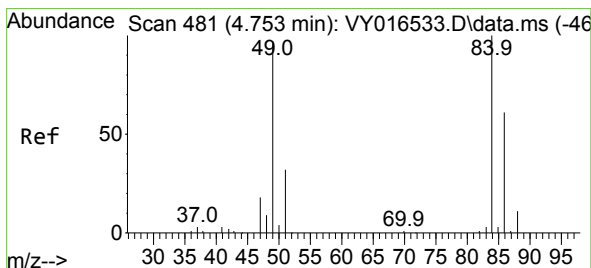
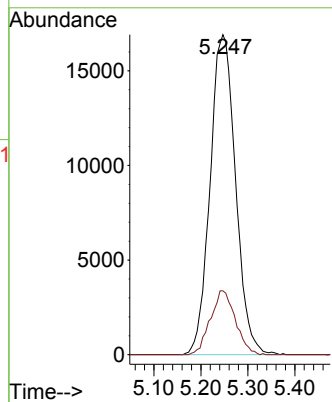
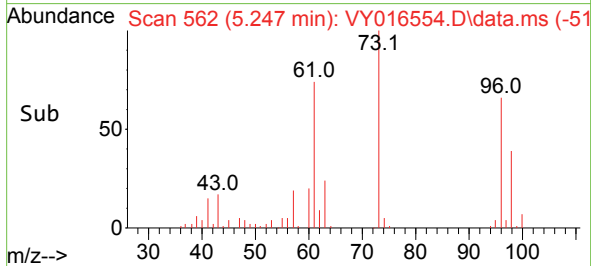


#19
Methyl tert-butyl Ether
Concen: 20.514 ug/l
RT: 5.247 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY016554.D
Acq: 01 Dec 2023 10:44

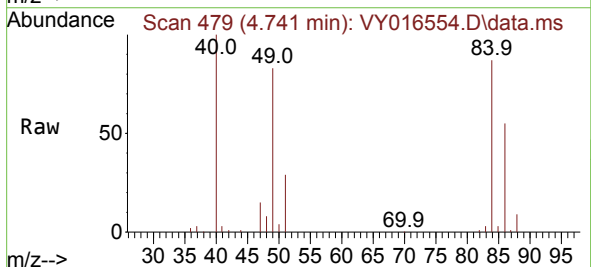
Instrument :
MSVOA_Y
ClientSampleId :



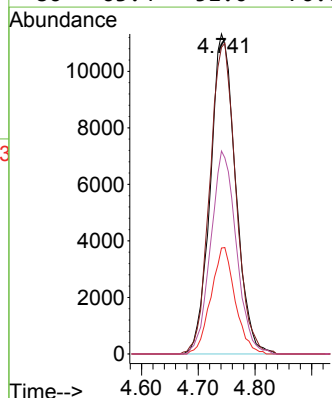
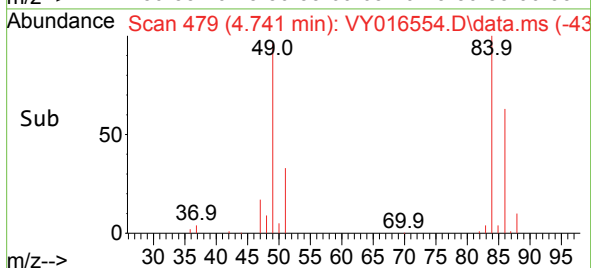
Tgt Ion: 73 Resp: 63743
Ion Ratio Lower Upper
73 100
57 20.0 17.3 25.9

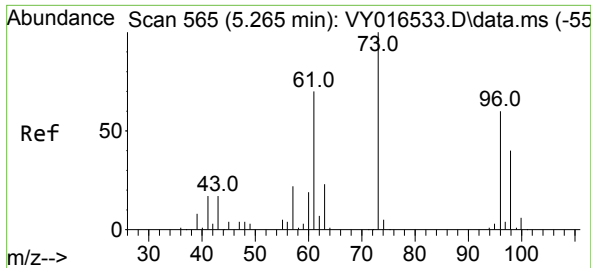


#20
Methylene Chloride
Concen: 22.497 ug/l
RT: 4.741 min Scan# 479
Delta R.T. -0.012 min
Lab File: VY016554.D
Acq: 01 Dec 2023 10:44



Tgt Ion: 84 Resp: 35062
Ion Ratio Lower Upper
84 100
49 95.8 106.9 160.3#
51 33.1 33.2 49.8#
86 63.4 51.0 76.6

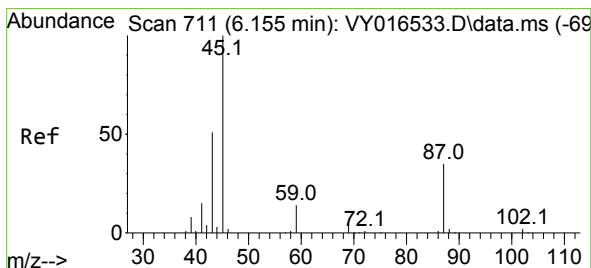
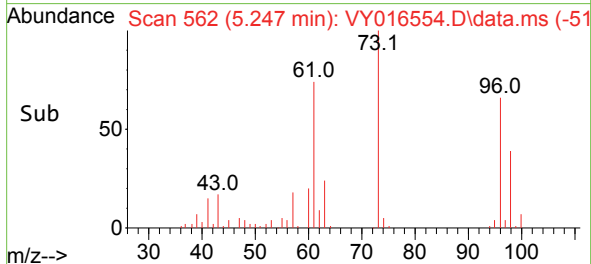
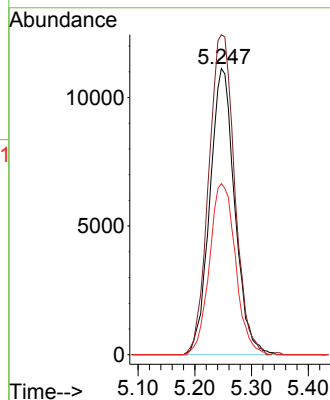
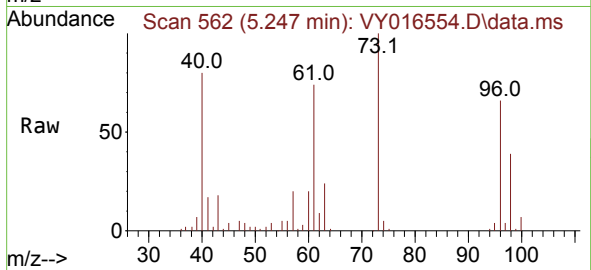




#21
trans-1,2-Dichloroethene
Concen: 21.411 ug/l
RT: 5.247 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY016554.D
Acq: 01 Dec 2023 10:44

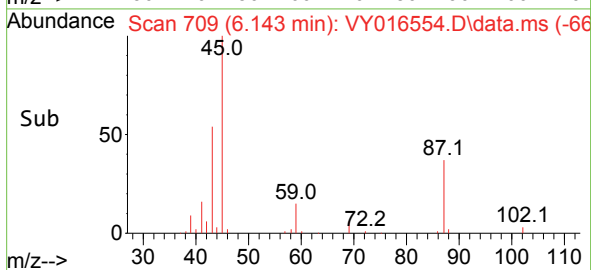
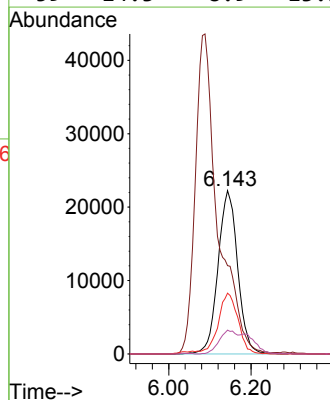
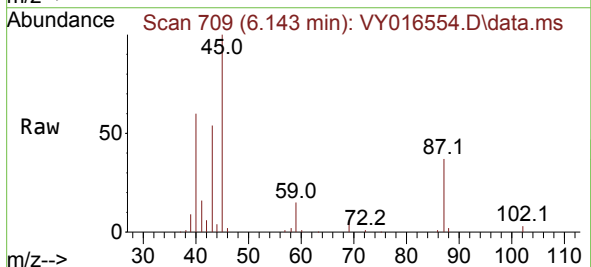
Instrument :
MSVOA_Y
ClientSampleId :

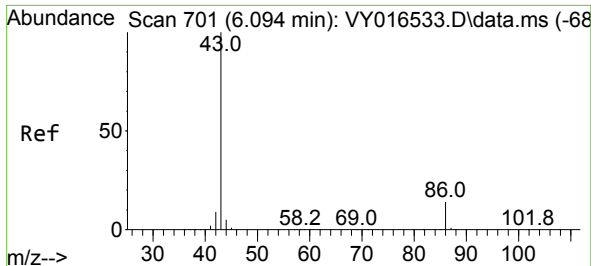
Tgt Ion: 96 Resp: 34003
Ion Ratio Lower Upper
96 100
61 111.9 110.2 165.4
98 59.8 51.8 77.6



#22
Diisopropyl ether
Concen: 21.484 ug/l
RT: 6.143 min Scan# 709
Delta R.T. -0.012 min
Lab File: VY016554.D
Acq: 01 Dec 2023 10:44

Tgt Ion: 45 Resp: 73843
Ion Ratio Lower Upper
45 100
43 53.2 52.2 78.4
87 37.3 21.0 31.6#
59 14.3 8.9 13.3#

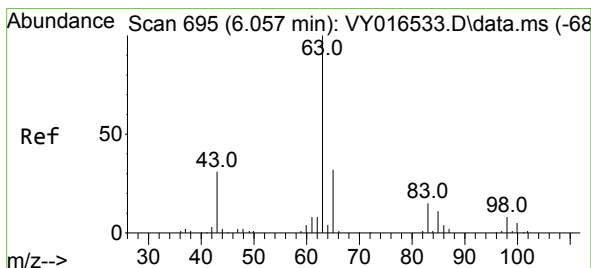
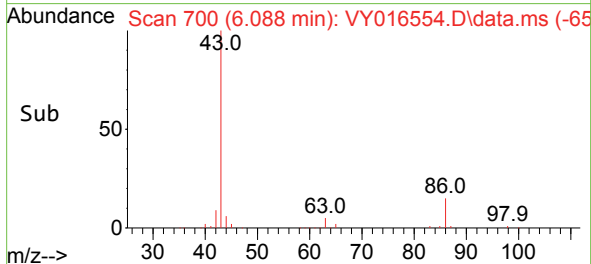
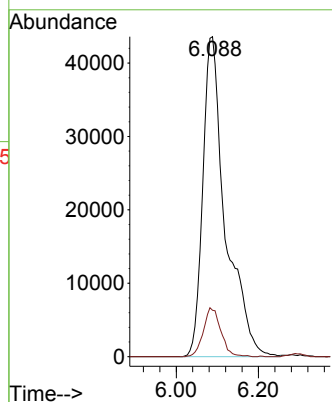
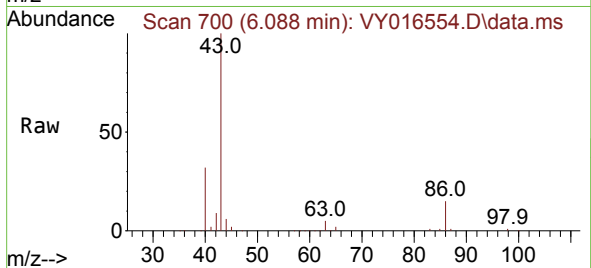




#23
 Vinyl Acetate
 Concen: 104.903 ug/l
 RT: 6.088 min Scan# 701
 Delta R.T. -0.006 min
 Lab File: VY016554.D
 Acq: 01 Dec 2023 10:44

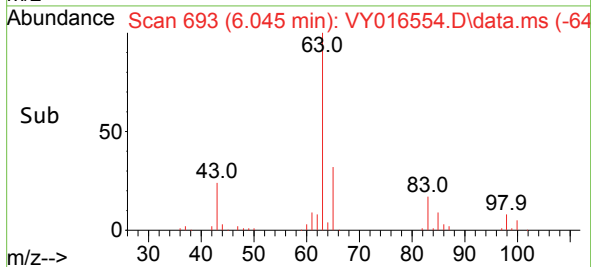
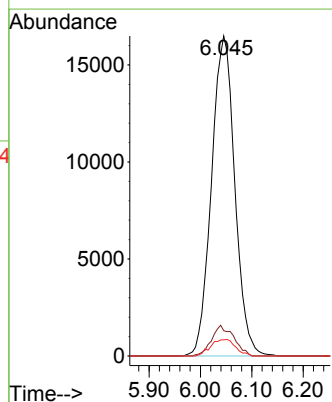
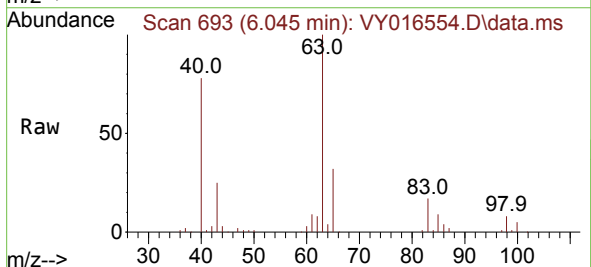
Instrument :
 MSVOA_Y
 ClientSampleId :

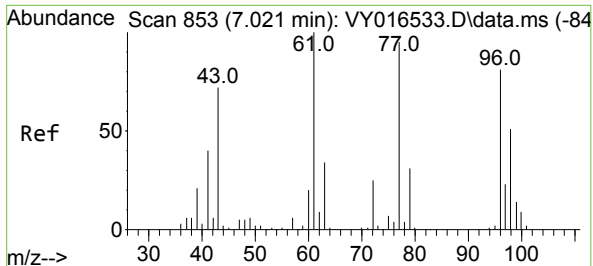
Tgt Ion: 43 Resp: 166277
 Ion Ratio Lower Upper
 43 100
 86 14.5 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 21.412 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. -0.012 min
 Lab File: VY016554.D
 Acq: 01 Dec 2023 10:44

Tgt Ion: 63 Resp: 51940
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.1 9.4
 100 5.1 1.8 5.5





#25

2-Butanone

Concen: 107.374 ug/l

RT: 7.009 min Scan# 851

Delta R.T. -0.012 min

Lab File: VY016554.D

Acq: 01 Dec 2023 10:44

Instrument :

MSVOA_Y

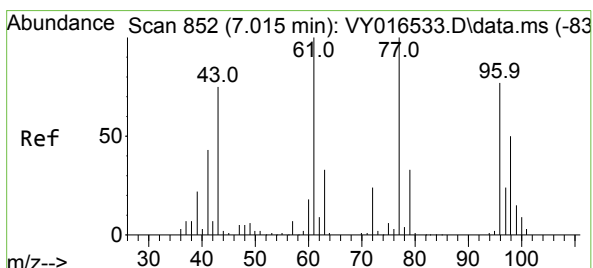
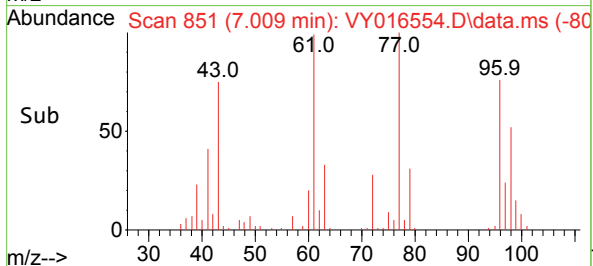
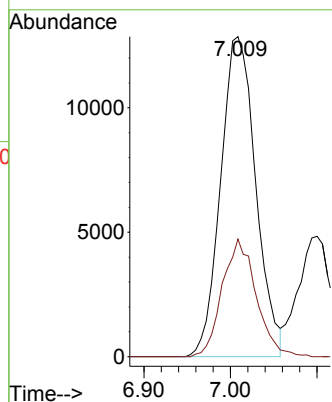
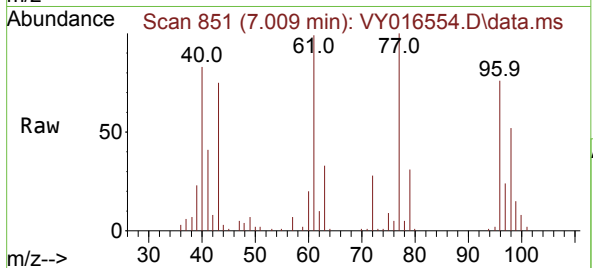
ClientSampleId :

Tgt Ion: 43 Resp: 36229

Ion Ratio Lower Upper

43 100

72 36.7 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 21.650 ug/l

RT: 7.009 min Scan# 851

Delta R.T. -0.006 min

Lab File: VY016554.D

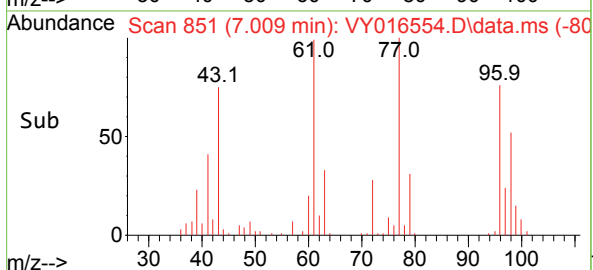
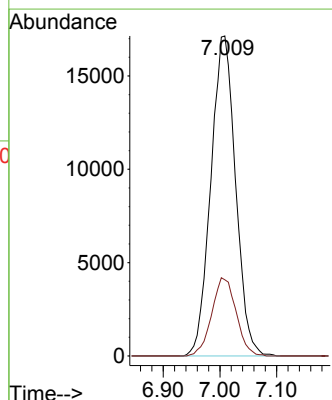
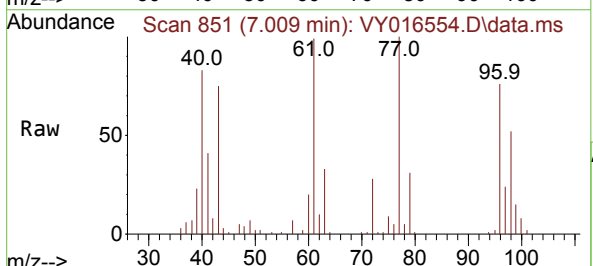
Acq: 01 Dec 2023 10:44

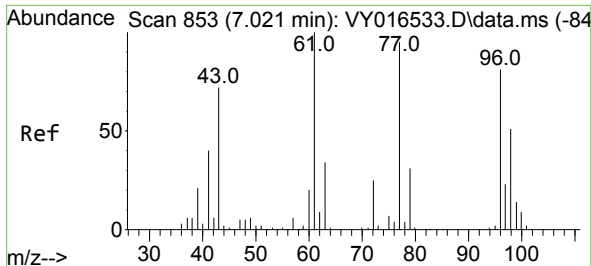
Tgt Ion: 77 Resp: 51905

Ion Ratio Lower Upper

77 100

97 24.1 10.9 32.9

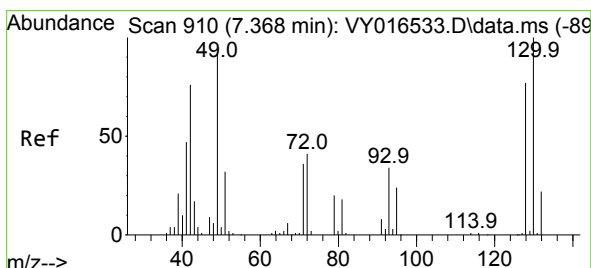
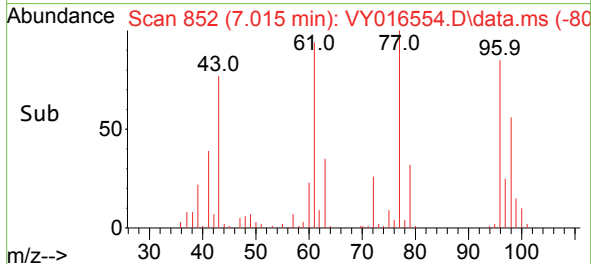
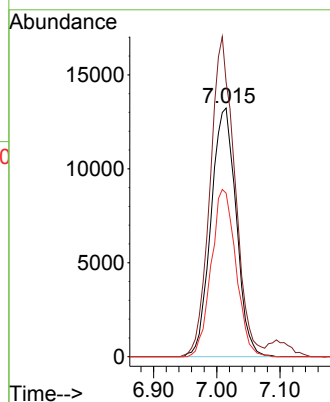
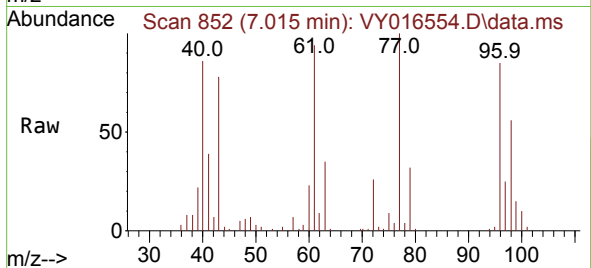




#27
 cis-1,2-Dichloroethene
 Concen: 21.486 ug/l
 RT: 7.015 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: VY016554.D
 Acq: 01 Dec 2023 10:44

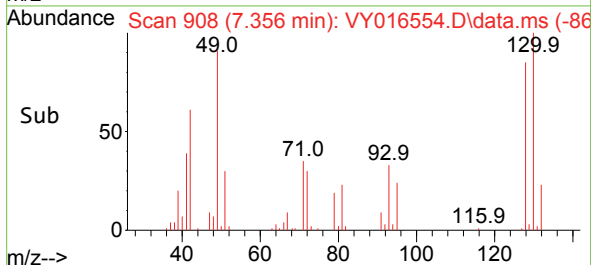
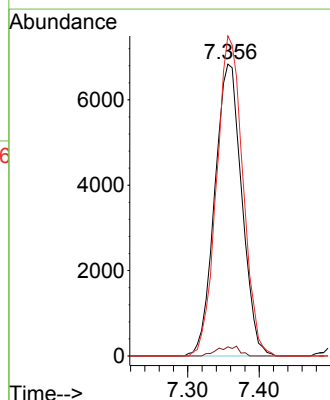
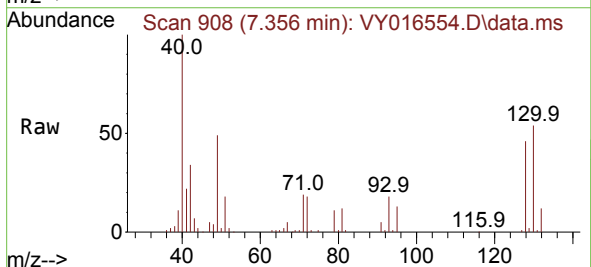
Instrument :
 MSVOA_Y
 ClientSampleId :

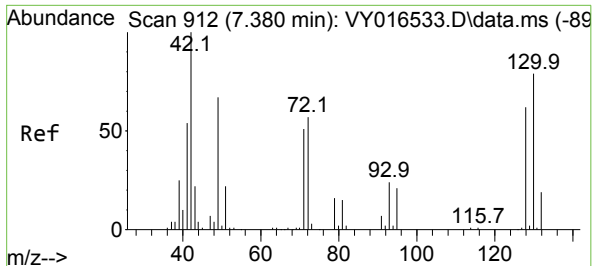
Tgt Ion: 96 Resp: 36659
 Ion Ratio Lower Upper
 96 100
 61 126.5 0.0 301.4
 98 65.8 0.0 130.4



#28
 Bromochloromethane
 Concen: 20.499 ug/l
 RT: 7.356 min Scan# 908
 Delta R.T. -0.012 min
 Lab File: VY016554.D
 Acq: 01 Dec 2023 10:44

Tgt Ion: 49 Resp: 17971
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 4.6
 130 106.4 60.7 91.1#





#29

Tetrahydrofuran

Concen: 100.705 ug/l

RT: 7.368 min Scan# 91

Delta R.T. -0.012 min

Lab File: VY016554.D

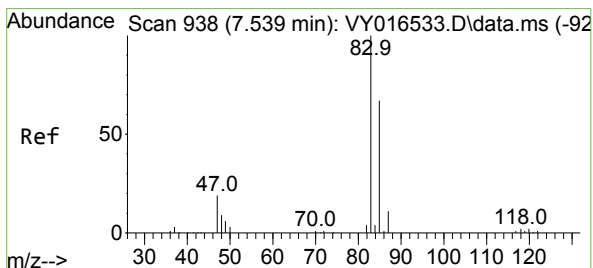
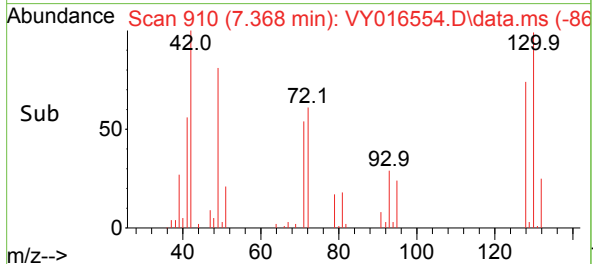
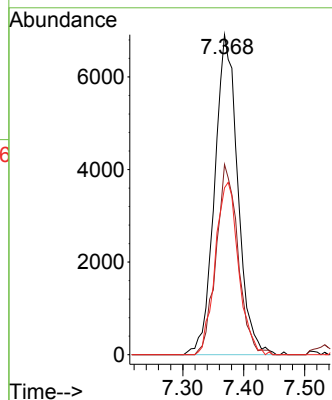
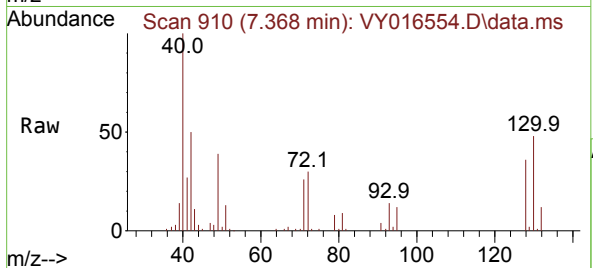
Acq: 01 Dec 2023 10:44

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	18254
Ion	Ratio	Lower	Upper
42	100		
72	56.2	32.8	49.2#
71	54.0	31.0	46.4#



#30

Chloroform

Concen: 21.656 ug/l

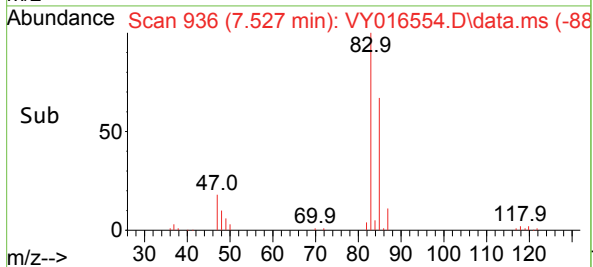
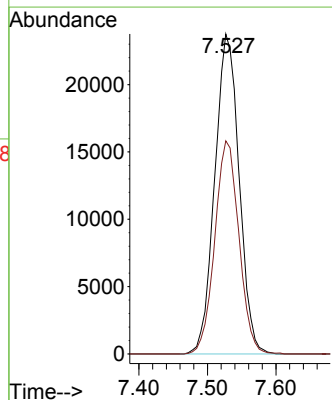
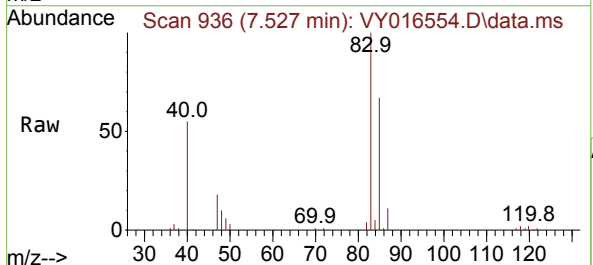
RT: 7.527 min Scan# 936

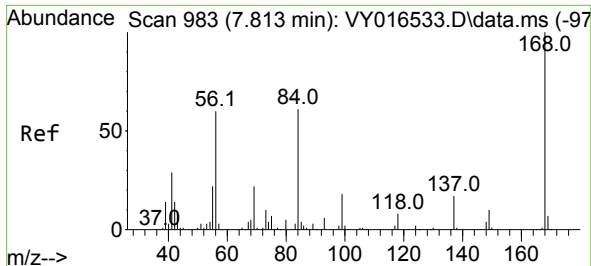
Delta R.T. -0.012 min

Lab File: VY016554.D

Acq: 01 Dec 2023 10:44

Tgt Ion:	83	Resp:	58550
Ion	Ratio	Lower	Upper
83	100		
85	66.6	49.7	74.5

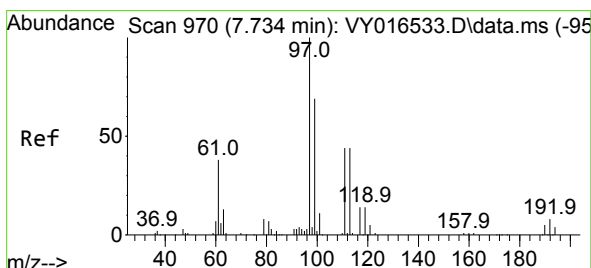
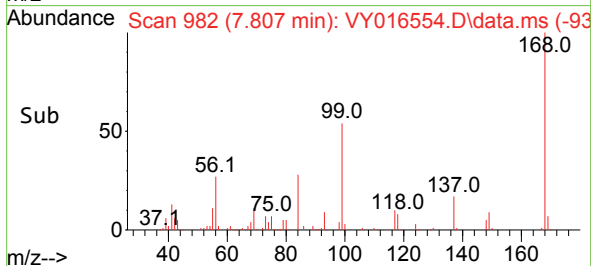
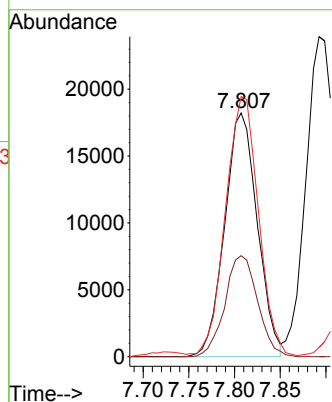
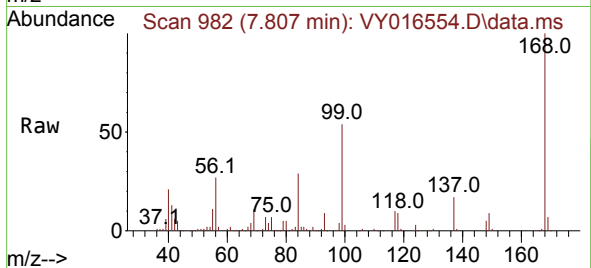




#31
Cyclohexane
Concen: 20.628 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016554.D
Acq: 01 Dec 2023 10:44

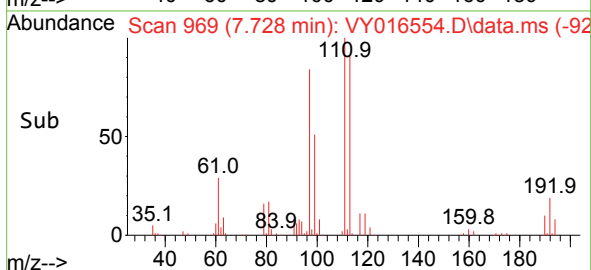
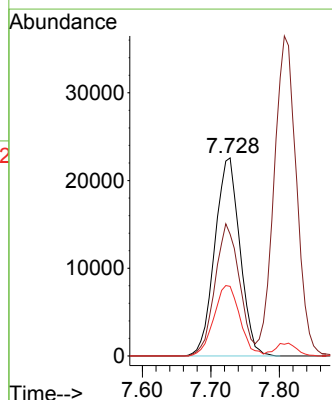
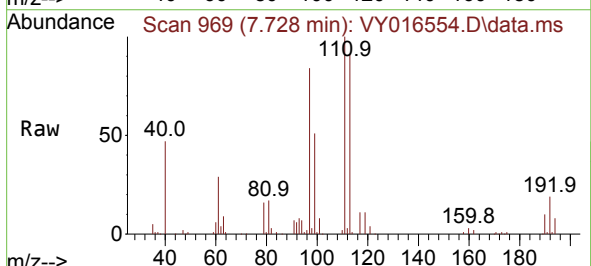
Instrument :
MSVOA_Y
ClientSampleId :

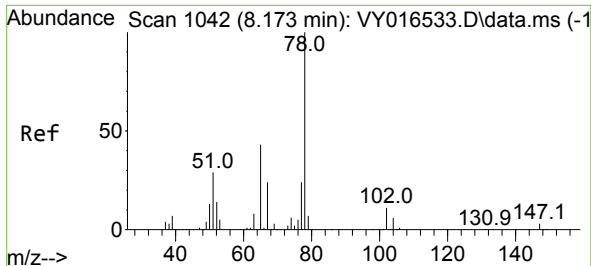
Tgt Ion: 56 Resp: 45289
Ion Ratio Lower Upper
56 100
69 41.4 27.8 41.6
84 105.3 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 21.923 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY016554.D
Acq: 01 Dec 2023 10:44

Tgt Ion: 97 Resp: 57437
Ion Ratio Lower Upper
97 100
99 65.2 50.8 76.2
61 36.9 35.1 52.7

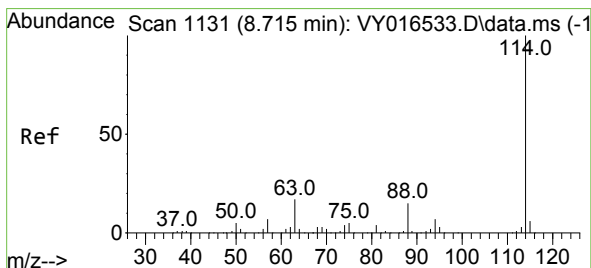
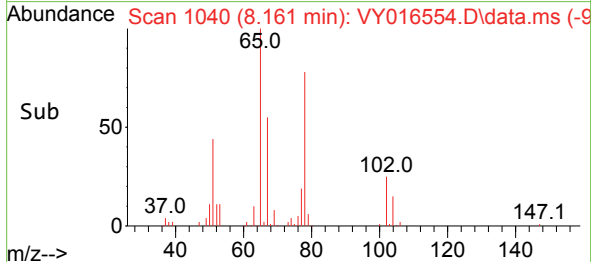
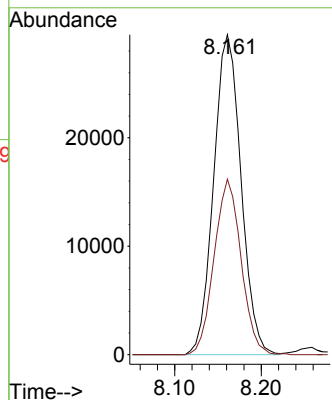
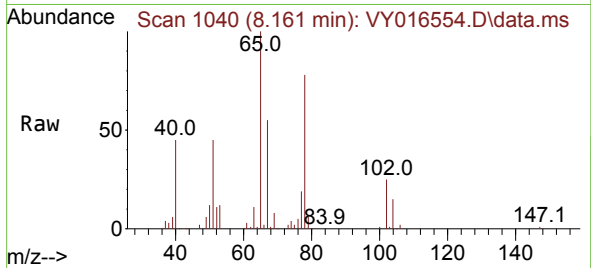




#33
 1,2-Dichloroethane-d4
 Concen: 51.823 ug/l
 RT: 8.161 min Scan# 1040
 Delta R.T. -0.012 min
 Lab File: VY016554.D
 Acq: 01 Dec 2023 10:44

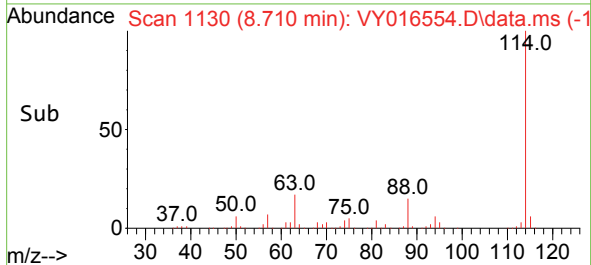
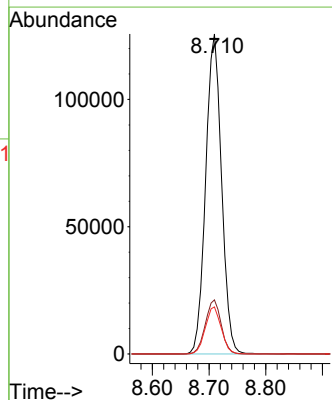
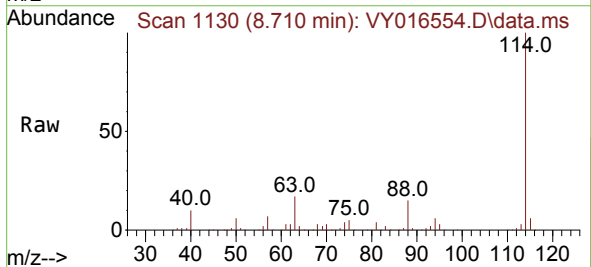
Instrument :
 MSVOA_Y
 ClientSampleId :

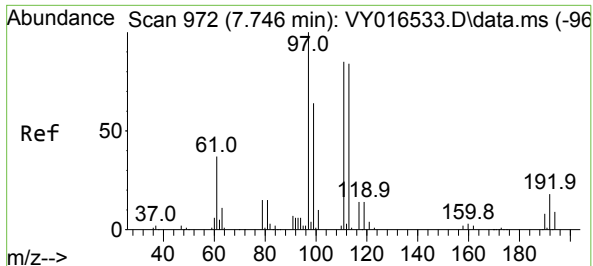
Tgt Ion: 65 Resp: 64809
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.710 min Scan# 1130
 Delta R.T. -0.006 min
 Lab File: VY016554.D
 Acq: 01 Dec 2023 10:44

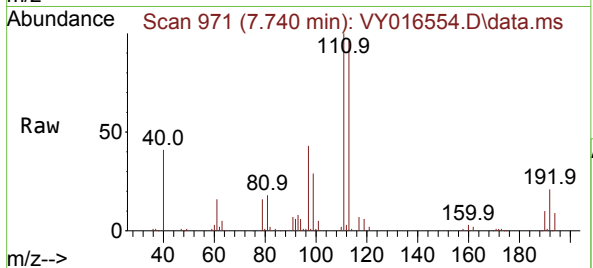
Tgt Ion: 114 Resp: 244103
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 42.4
 88 14.7 0.0 30.6



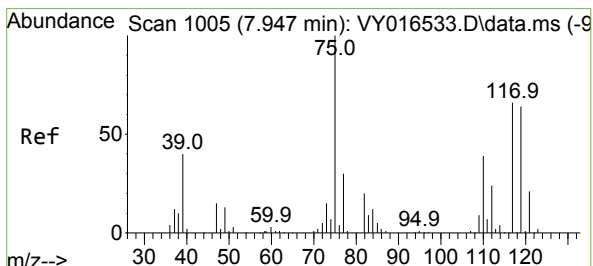
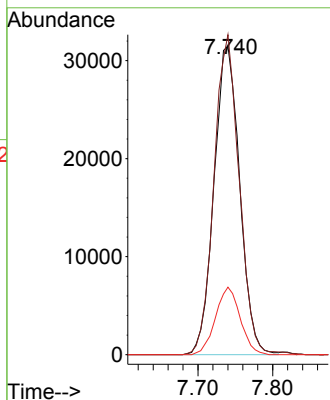
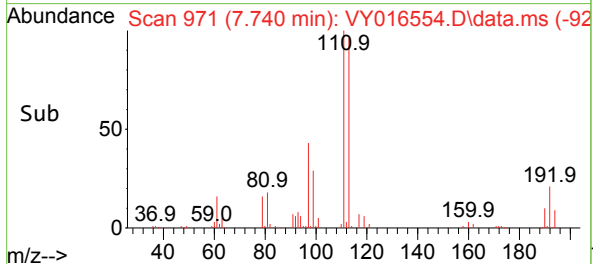


#35
Dibromofluoromethane
Concen: 52.638 ug/l
RT: 7.740 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016554.D
Acq: 01 Dec 2023 10:44

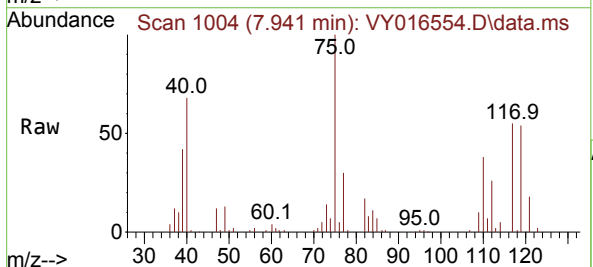
Instrument :
MSVOA_Y
ClientSampleId :



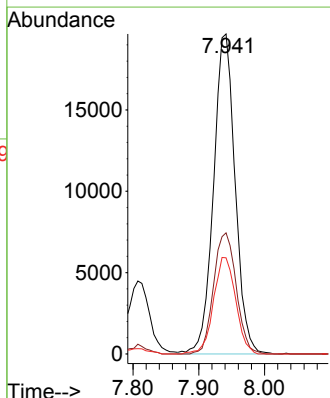
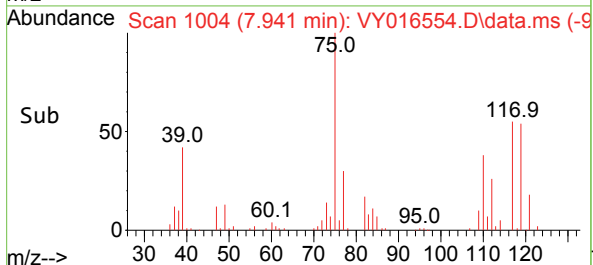
Tgt Ion:113 Resp: 75412
Ion Ratio Lower Upper
113 100
111 101.5 81.3 121.9
192 21.0 16.9 25.3

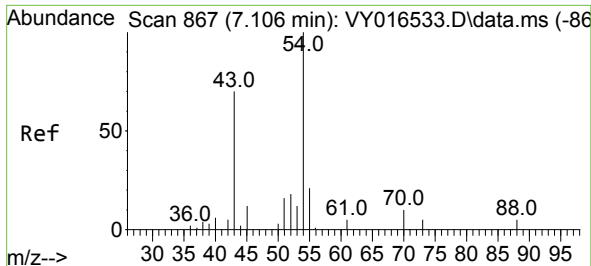


#36
1,1-Dichloropropene
Concen: 21.271 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. -0.006 min
Lab File: VY016554.D
Acq: 01 Dec 2023 10:44



Tgt Ion: 75 Resp: 45002
Ion Ratio Lower Upper
75 100
110 39.7 17.8 53.5
77 31.0 24.4 36.6





#37

Ethyl Acetate

Concen: 20.836 ug/l

RT: 7.100 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY016554.D

Acq: 01 Dec 2023 10:44

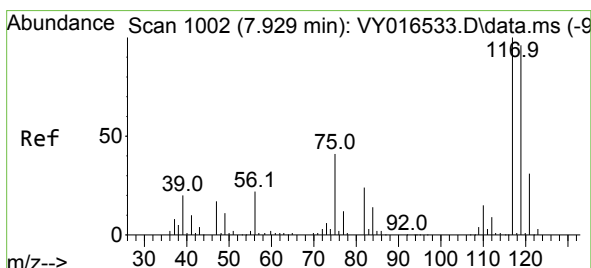
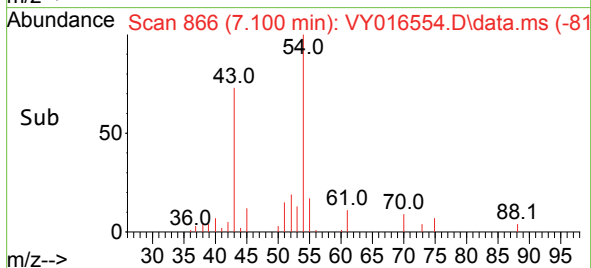
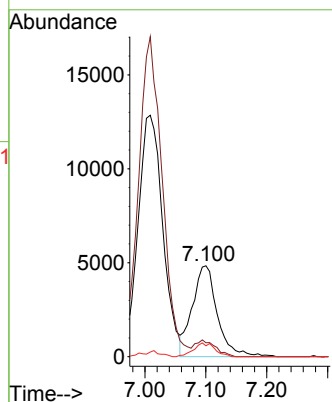
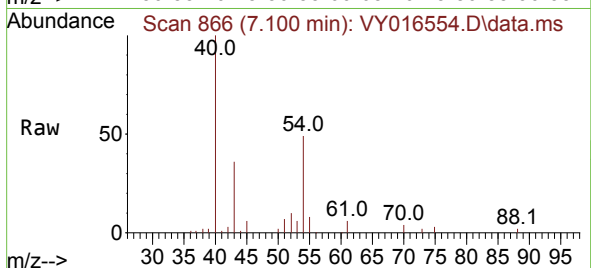
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43 Resp: 13816

Ion	Ratio	Lower	Upper
43	100		
61	14.7	10.1	15.1
70	12.8	7.1	10.7



#38

Carbon Tetrachloride

Concen: 21.865 ug/l

RT: 7.923 min Scan# 1001

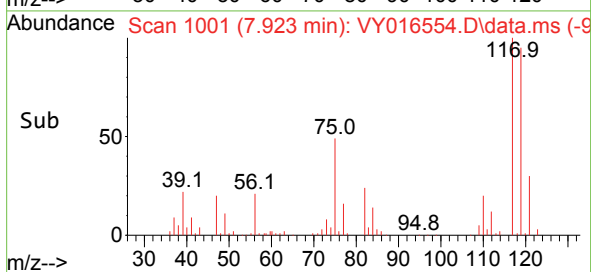
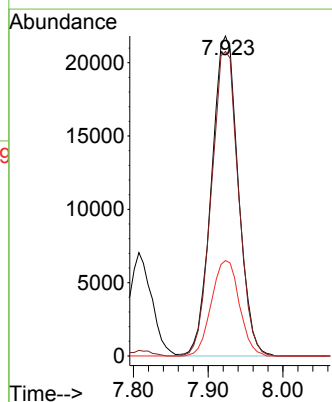
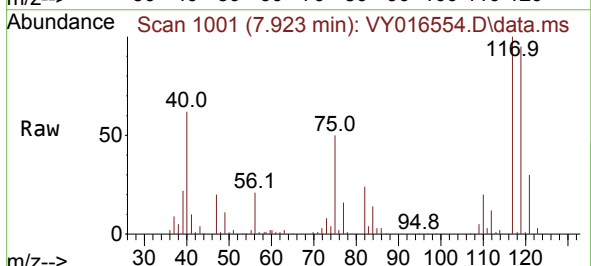
Delta R.T. -0.006 min

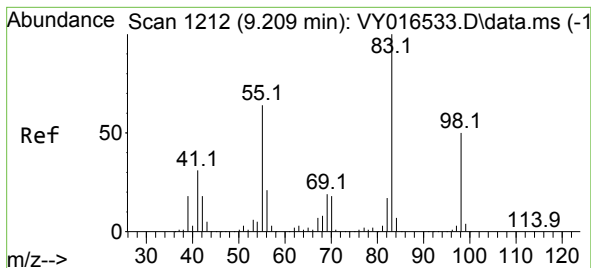
Lab File: VY016554.D

Acq: 01 Dec 2023 10:44

Tgt Ion: 117 Resp: 54292

Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.4	114.6
121	29.8	25.8	38.6





#39

Methylcyclohexane

Concen: 20.763 ug/l

RT: 9.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016554.D

Acq: 01 Dec 2023 10:44

Instrument :

MSVOA_Y

ClientSampleId :

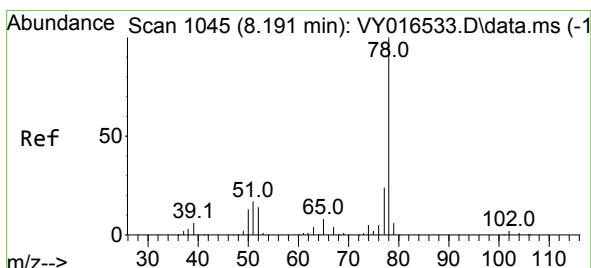
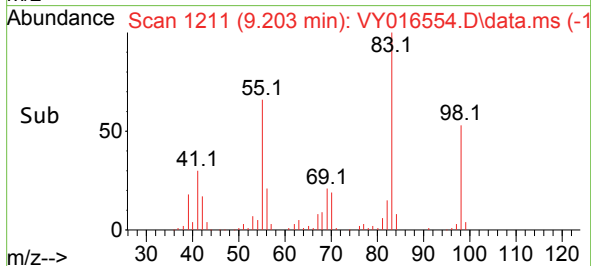
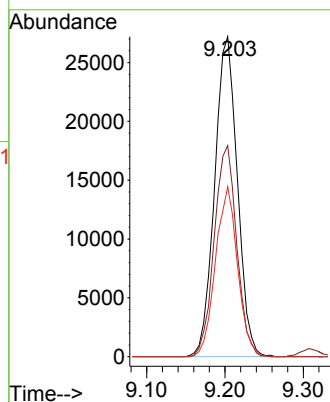
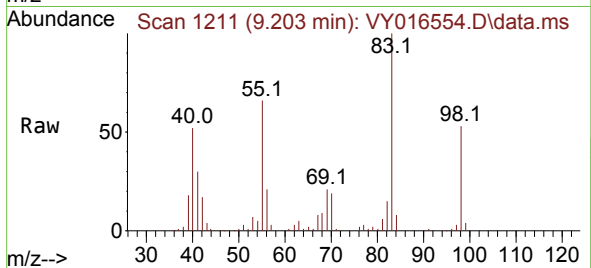
Tgt Ion: 83 Resp: 54791

Ion Ratio Lower Upper

83 100

55 65.9 63.0 94.4

98 53.1 37.4 56.2



#40

Benzene

Concen: 21.647 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. -0.012 min

Lab File: VY016554.D

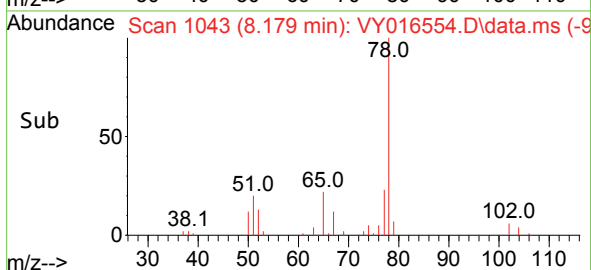
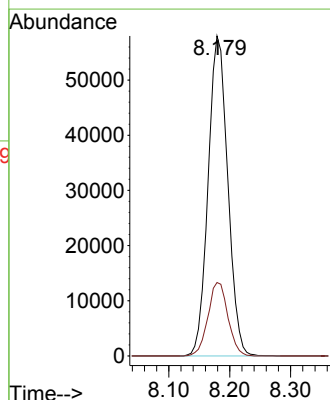
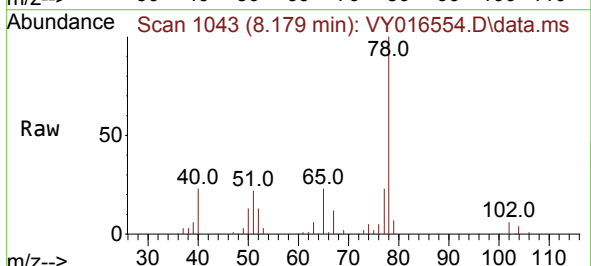
Acq: 01 Dec 2023 10:44

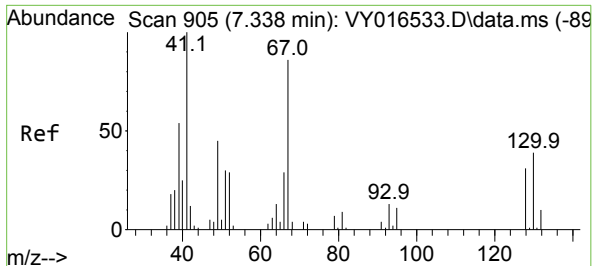
Tgt Ion: 78 Resp: 129849

Ion Ratio Lower Upper

78 100

77 23.0 19.0 28.6

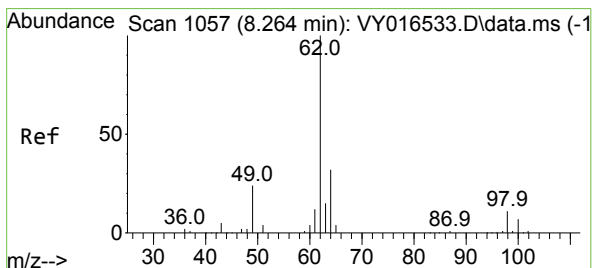
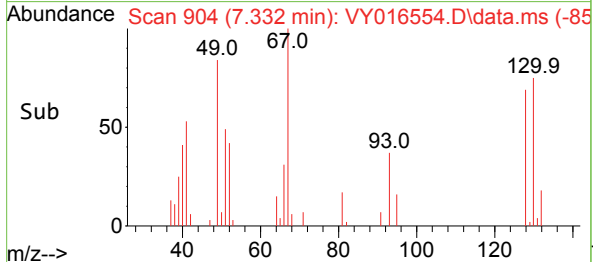
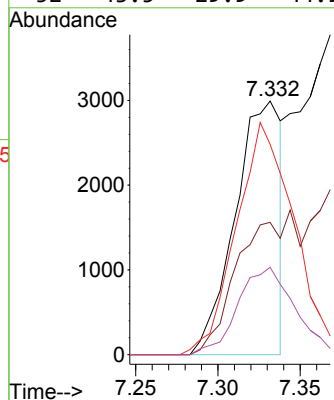
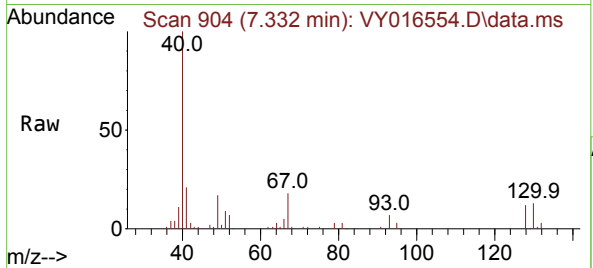




#41
Methacrylonitrile
Concen: 16.754 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY016554.D
Acq: 01 Dec 2023 10:44

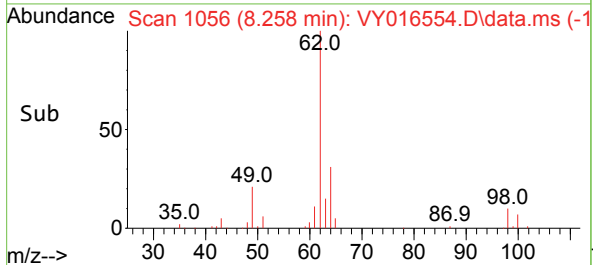
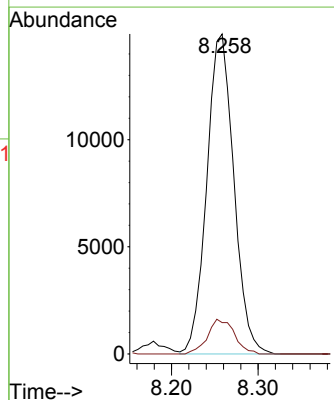
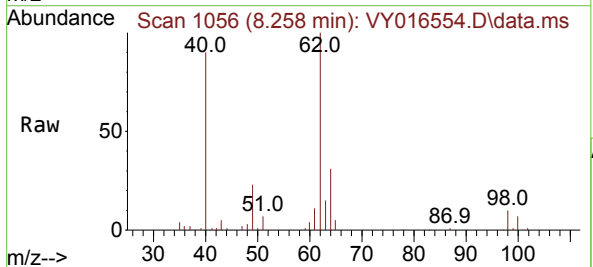
Instrument :
MSVOA_Y
ClientSampleId :

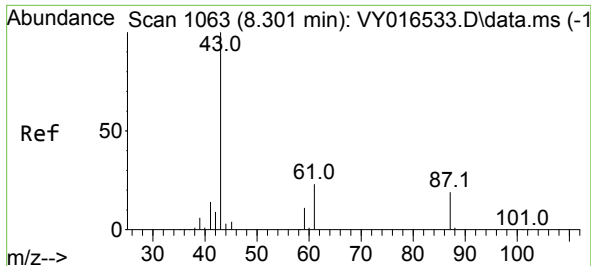
Tgt Ion: 41 Resp: 5852
Ion Ratio Lower Upper
41 100
39 53.0 52.1 78.1
67 114.7 66.2 99.2#
52 43.5 29.9 44.9



#42
1,2-Dichloroethane
Concen: 21.792 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY016554.D
Acq: 01 Dec 2023 10:44

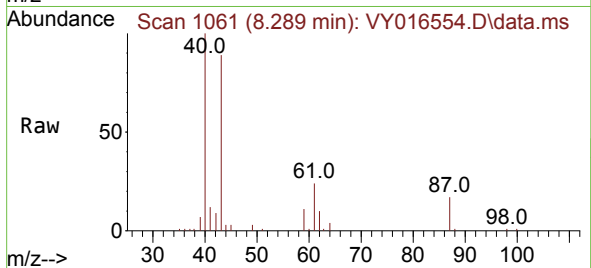
Tgt Ion: 62 Resp: 32393
Ion Ratio Lower Upper
62 100
98 10.8 0.0 15.8



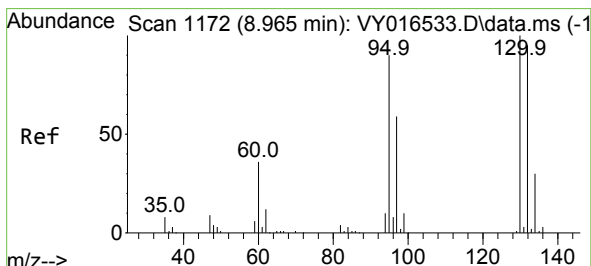
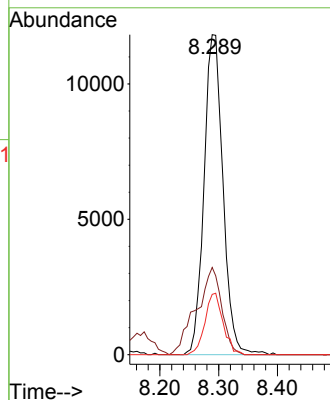
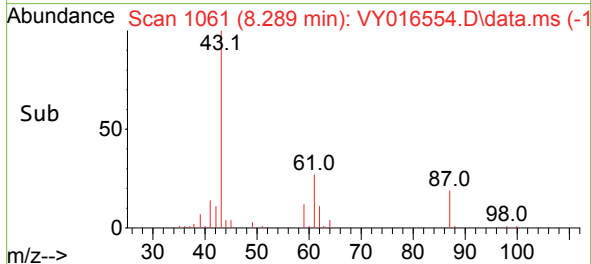


#43
Isopropyl Acetate
Concen: 20.367 ug/l
RT: 8.289 min Scan# 1061
Delta R.T. -0.012 min
Lab File: VY016554.D
Acq: 01 Dec 2023 10:44

Instrument :
MSVOA_Y
ClientSampleId :

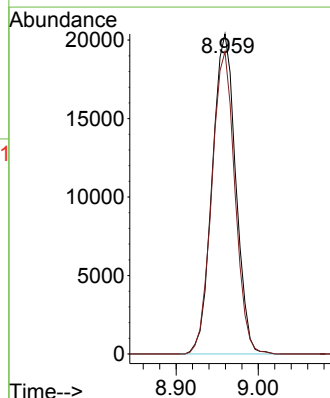
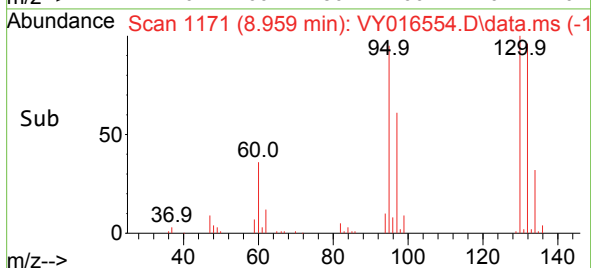
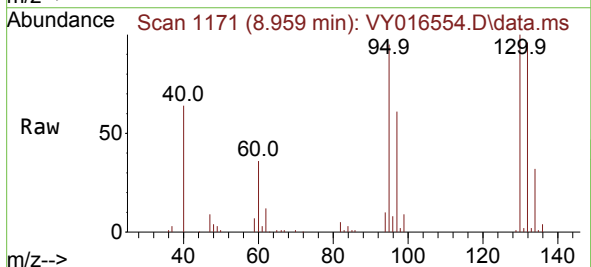


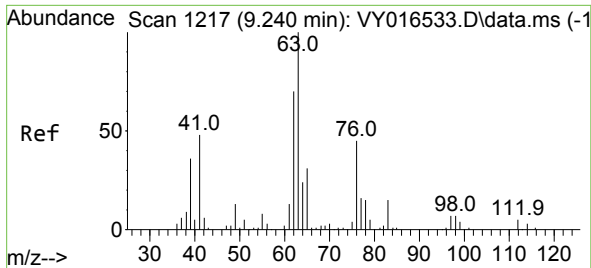
Tgt Ion: 43 Resp: 26556
Ion Ratio Lower Upper
43 100
61 36.4 21.1 31.7#
87 18.4 9.8 14.8#



#44
Trichloroethene
Concen: 21.879 ug/l
RT: 8.959 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VY016554.D
Acq: 01 Dec 2023 10:44

Tgt Ion:130 Resp: 40425
Ion Ratio Lower Upper
130 100
95 94.5 0.0 196.0

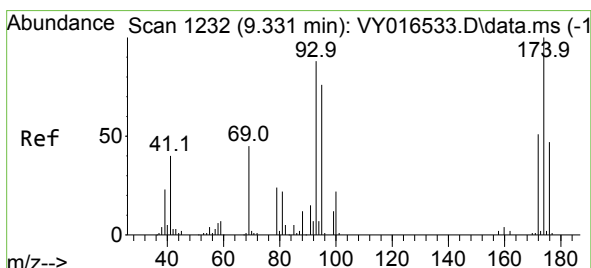
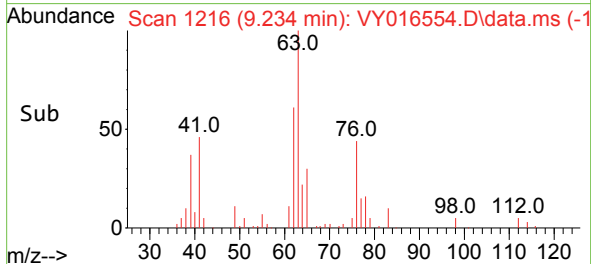
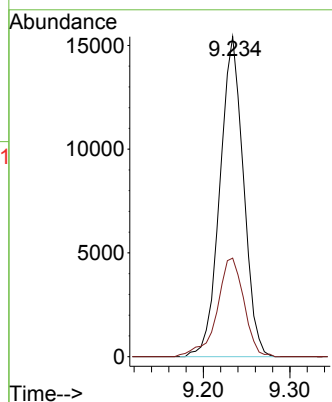
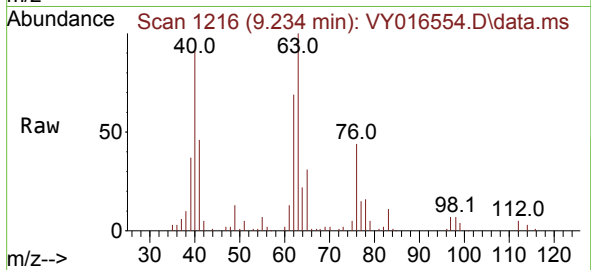




#45
1,2-Dichloropropane
Concen: 21.484 ug/l
RT: 9.234 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016554.D
Acq: 01 Dec 2023 10:44

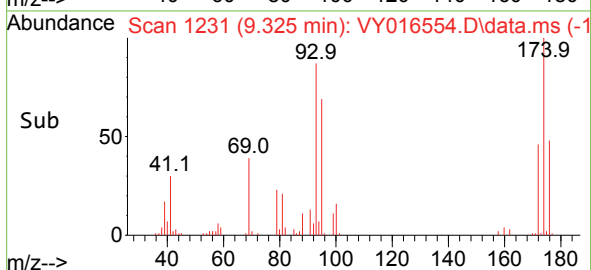
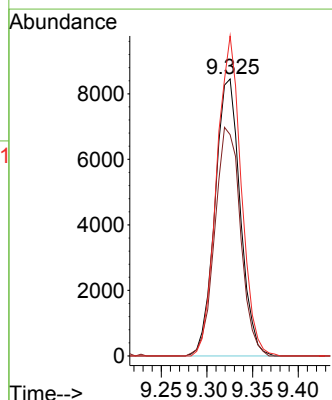
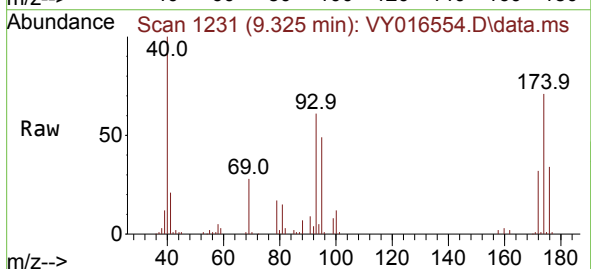
Instrument :
MSVOA_Y
ClientSampleId :

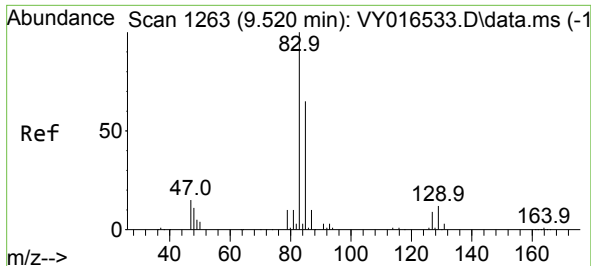
Tgt Ion: 63 Resp: 29080
Ion Ratio Lower Upper
63 100
65 30.8 23.8 35.6



#46
Dibromomethane
Concen: 21.317 ug/l
RT: 9.325 min Scan# 1231
Delta R.T. -0.006 min
Lab File: VY016554.D
Acq: 01 Dec 2023 10:44

Tgt Ion: 93 Resp: 16224
Ion Ratio Lower Upper
93 100
95 84.1 66.6 100.0
174 112.1 84.8 127.2





#47

Bromodichloromethane

Concen: 21.984 ug/l

RT: 9.514 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016554.D

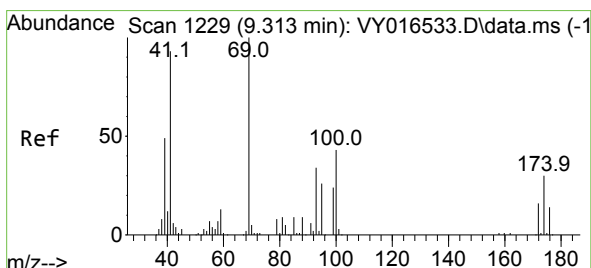
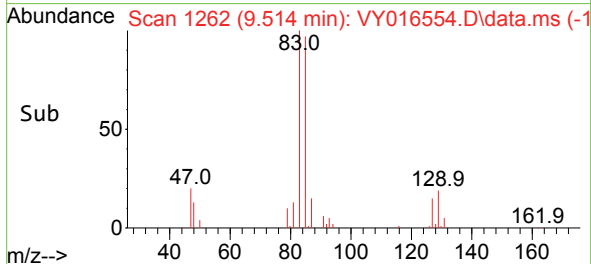
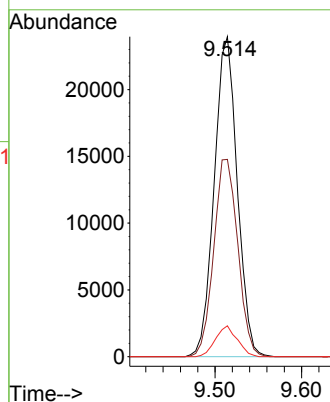
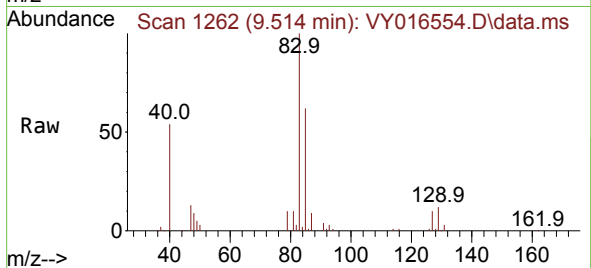
Acq: 01 Dec 2023 10:44

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	83	Resp:	44177
Ion	Ratio	Lower	Upper
83	100		
85	61.7	50.1	75.1
127	9.7	7.1	10.7



#48

Methyl methacrylate

Concen: 19.696 ug/l

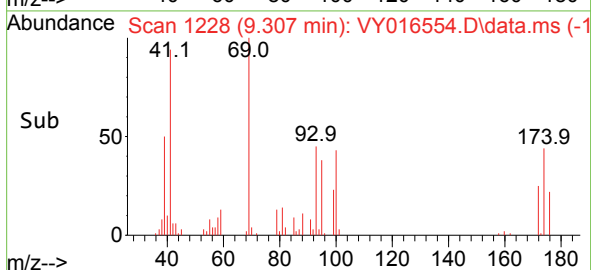
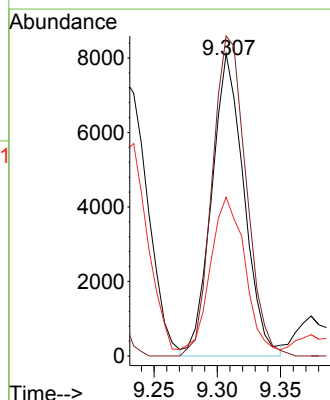
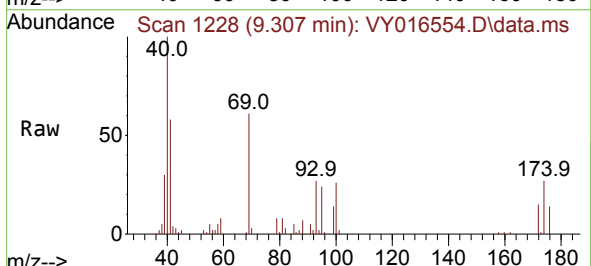
RT: 9.307 min Scan# 1228

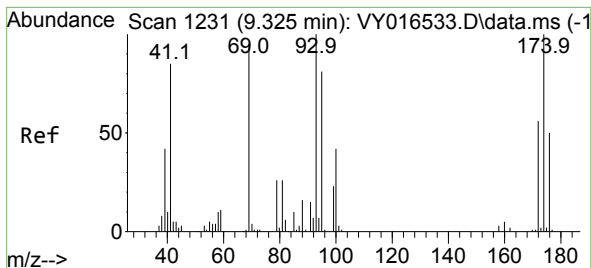
Delta R.T. -0.006 min

Lab File: VY016554.D

Acq: 01 Dec 2023 10:44

Tgt Ion:	41	Resp:	14418
Ion	Ratio	Lower	Upper
41	100		
69	110.7	64.5	96.7
39	53.3	50.8	76.2





#49

1,4-Dioxane

Concen: 422.563 ug/l

RT: 9.319 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016554.D

Acq: 01 Dec 2023 10:44

Instrument :

MSVOA_Y

ClientSampleId :

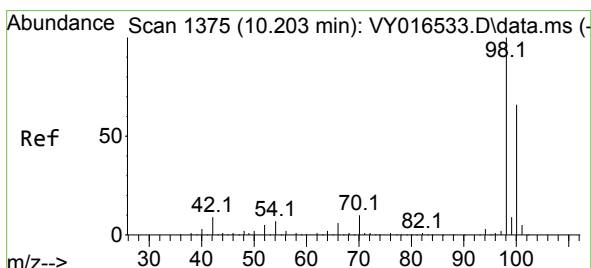
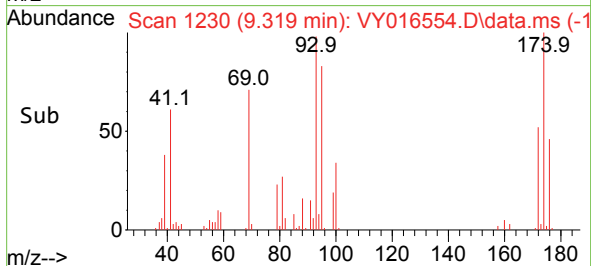
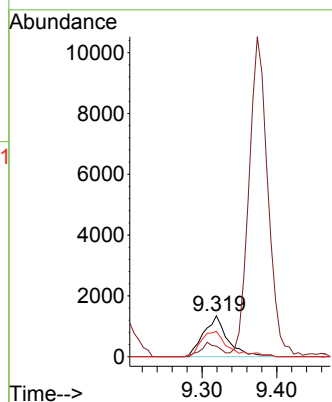
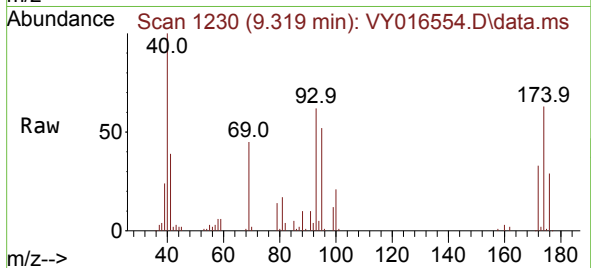
Tgt Ion: 88 Resp: 2981

Ion Ratio Lower Upper

88 100

43 25.7 0.0 0.0#

58 71.0 30.9 46.3#



#50

Toluene-d8

Concen: 52.938 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. -0.006 min

Lab File: VY016554.D

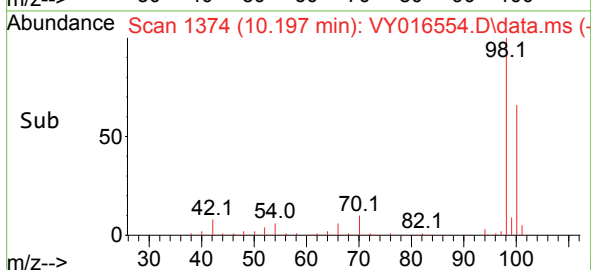
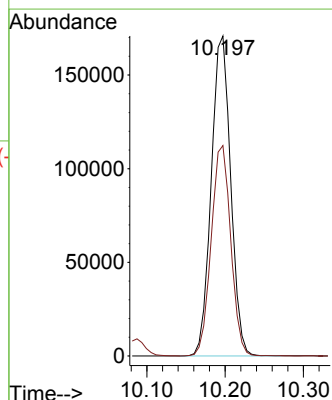
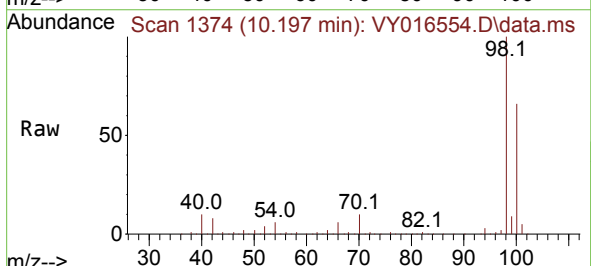
Acq: 01 Dec 2023 10:44

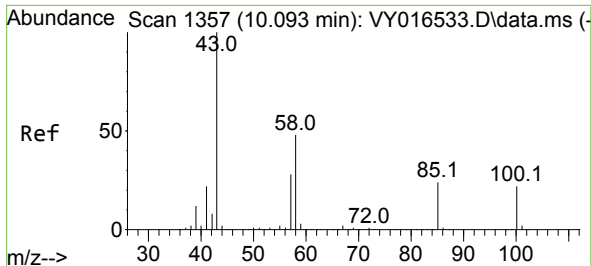
Tgt Ion: 98 Resp: 294156

Ion Ratio Lower Upper

98 100

100 66.3 50.1 75.1

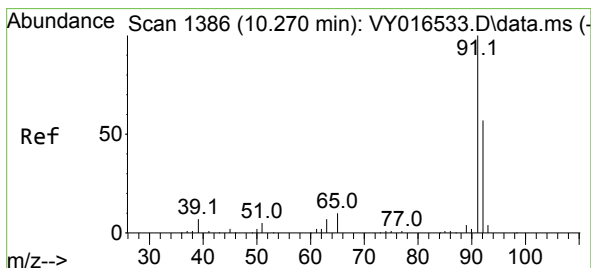
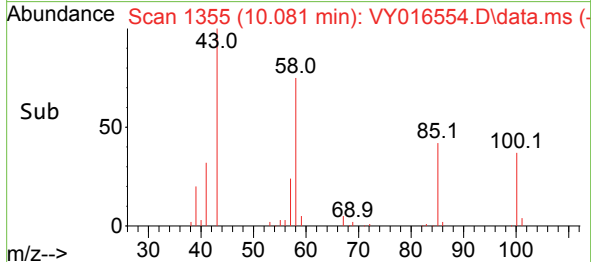
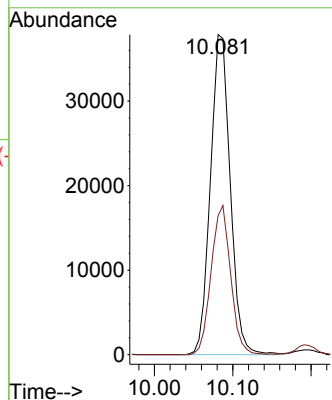
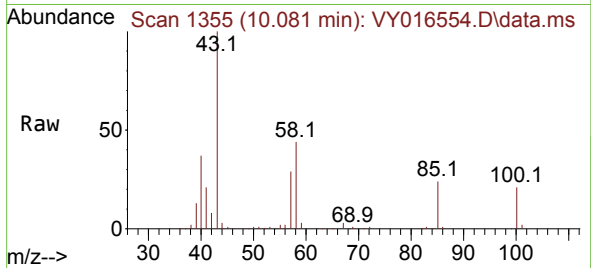




#51
4-Methyl-2-Pentanone
Concen: 97.853 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. -0.012 min
Lab File: VY016554.D
Acq: 01 Dec 2023 10:44

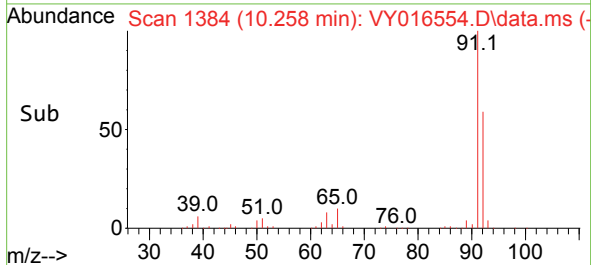
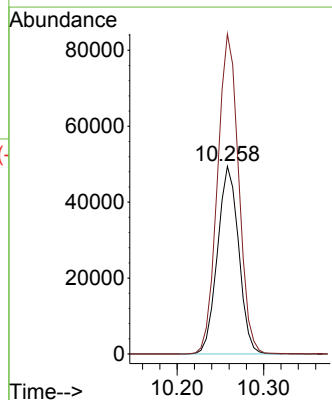
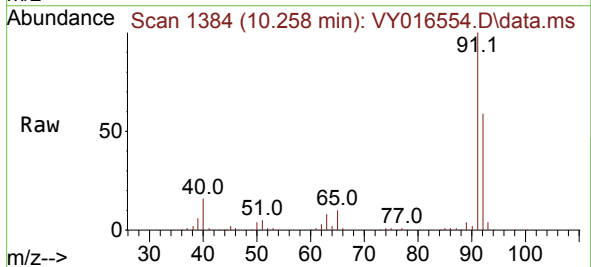
Instrument :
MSVOA_Y
ClientSampleId :

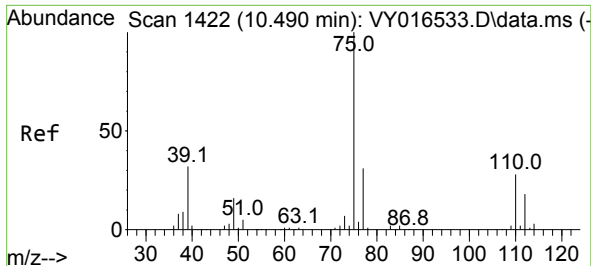
Tgt Ion: 43 Resp: 66561
Ion Ratio Lower Upper
43 100
58 45.9 29.0 43.6#



#52
Toluene
Concen: 21.798 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. -0.012 min
Lab File: VY016554.D
Acq: 01 Dec 2023 10:44

Tgt Ion: 92 Resp: 83995
Ion Ratio Lower Upper
92 100
91 170.8 143.8 215.6





#53

t-1,3-Dichloropropene

Concen: 21.281 ug/l

RT: 10.477 min Scan# 1422

Delta R.T. -0.012 min

Lab File: VY016554.D

Acq: 01 Dec 2023 10:44

Instrument :

MSVOA_Y

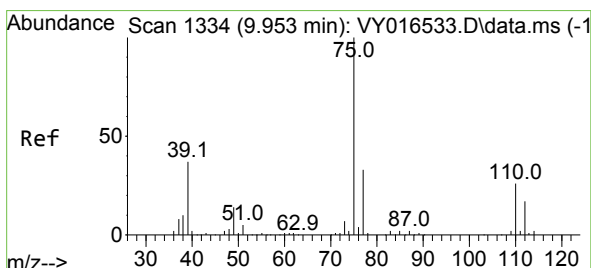
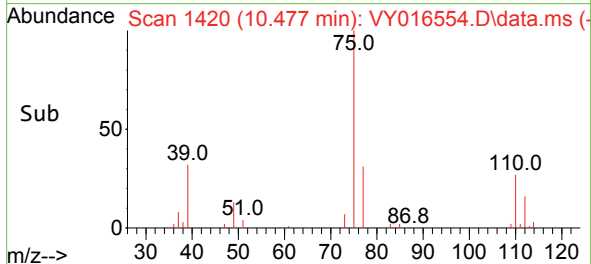
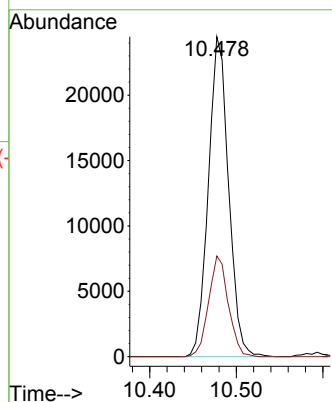
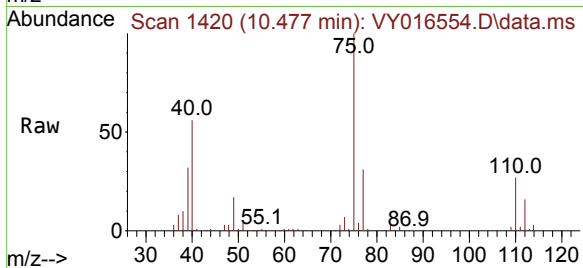
ClientSampleId :

Tgt Ion: 75 Resp: 39627

Ion Ratio Lower Upper

75 100

77 31.5 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 21.602 ug/l

RT: 9.941 min Scan# 1332

Delta R.T. -0.012 min

Lab File: VY016554.D

Acq: 01 Dec 2023 10:44

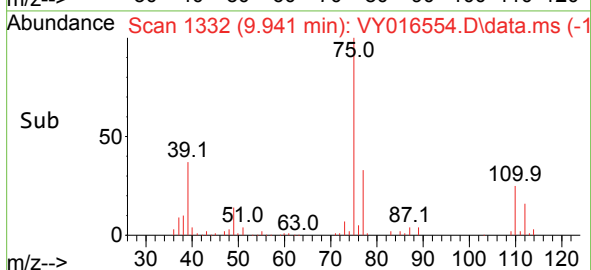
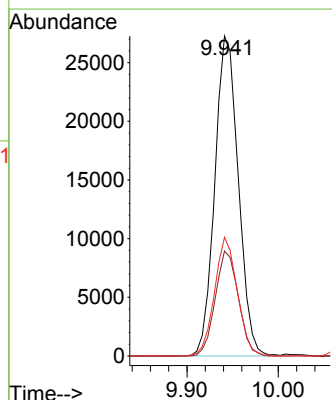
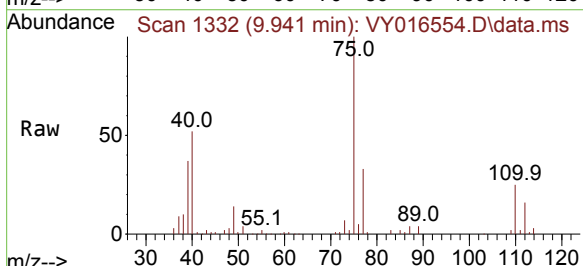
Tgt Ion: 75 Resp: 48743

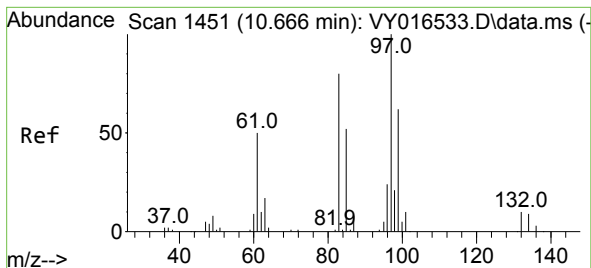
Ion Ratio Lower Upper

75 100

77 32.8 24.2 36.4

39 37.1 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 21.151 ug/l

RT: 10.660 min Scan# 1451

Delta R.T. -0.006 min

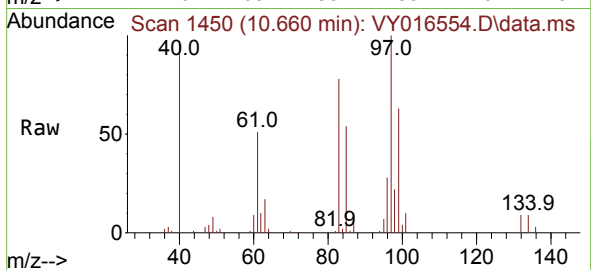
Lab File: VY016554.D

Acq: 01 Dec 2023 10:44

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 23229

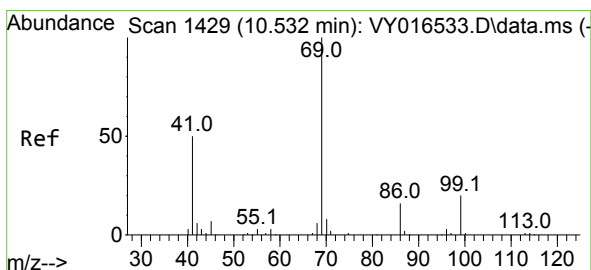
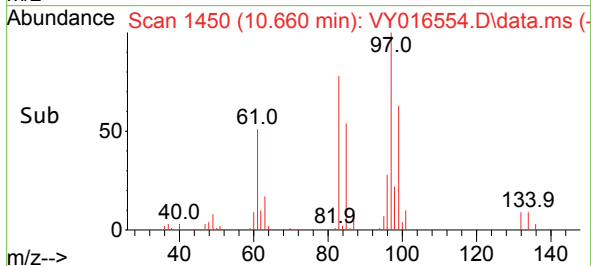
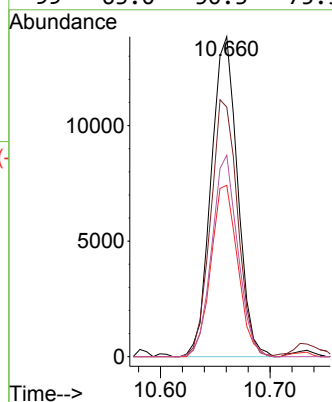
Ion Ratio Lower Upper

97 100

83 78.0 72.0 108.0

85 53.5 45.4 68.0

99 63.0 50.3 75.5



#56

Ethyl methacrylate

Concen: 20.715 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. -0.012 min

Lab File: VY016554.D

Acq: 01 Dec 2023 10:44

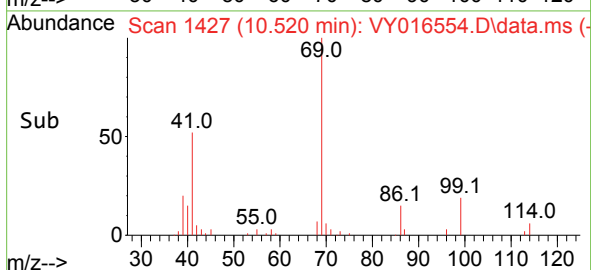
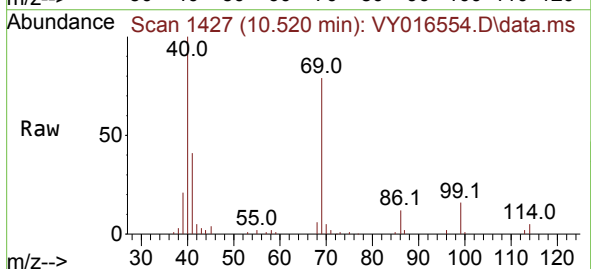
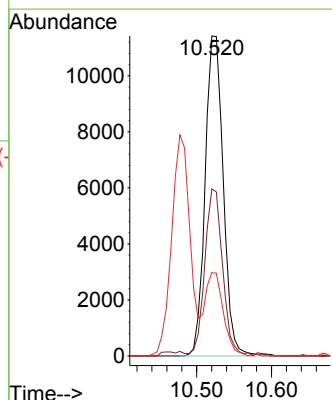
Tgt Ion: 69 Resp: 19253

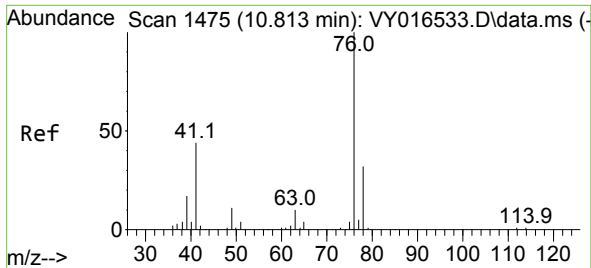
Ion Ratio Lower Upper

69 100

41 51.4 57.6 86.4#

39 26.8 34.1 51.1#

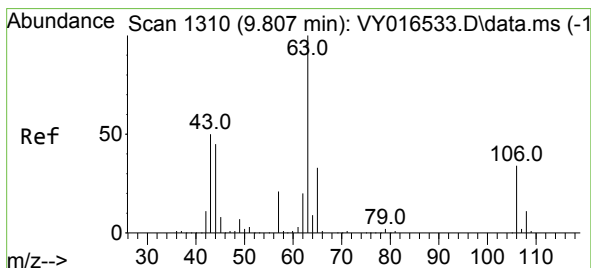
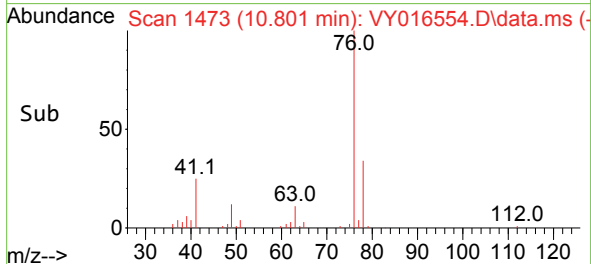
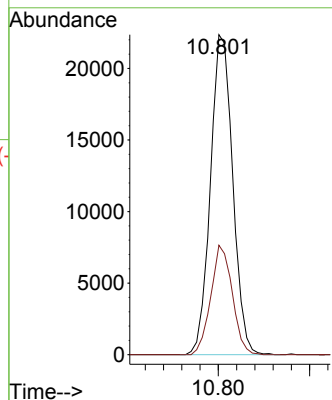
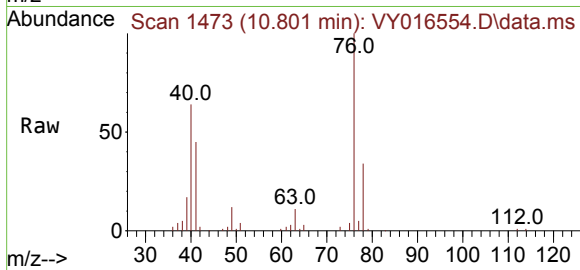




#57
1,3-Dichloropropane
Concen: 21.436 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.012 min
Lab File: VY016554.D
Acq: 01 Dec 2023 10:44

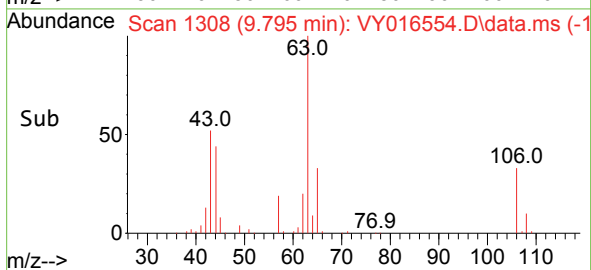
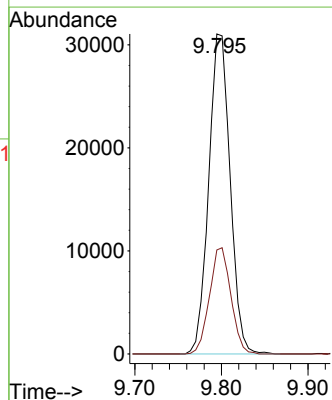
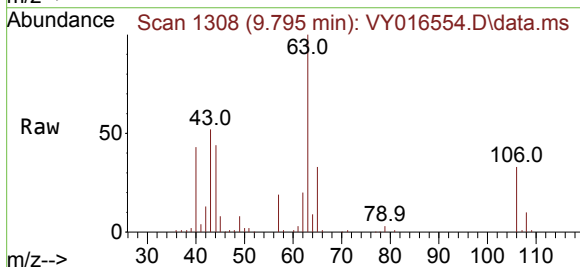
Instrument :
MSVOA_Y
ClientSampleId :

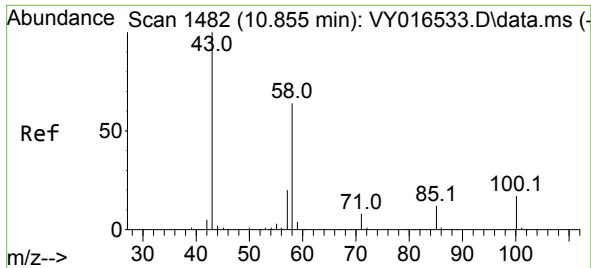
Tgt Ion: 76 Resp: 37920
Ion Ratio Lower Upper
76 100
78 32.9 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 92.812 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. -0.012 min
Lab File: VY016554.D
Acq: 01 Dec 2023 10:44

Tgt Ion: 63 Resp: 53341
Ion Ratio Lower Upper
63 100
106 33.2 21.2 31.8#

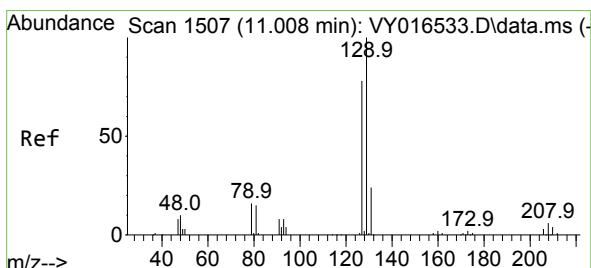
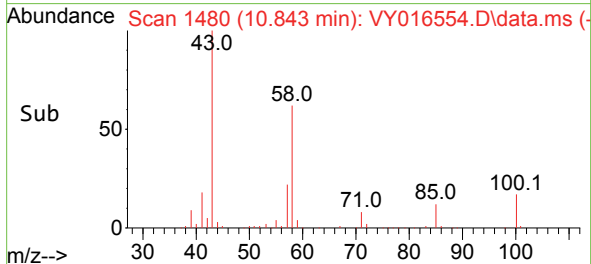
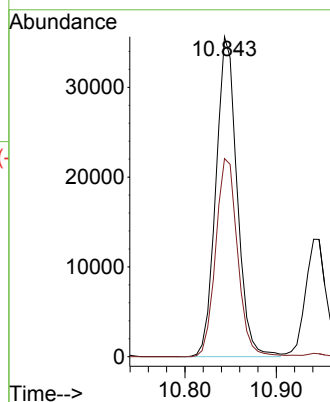
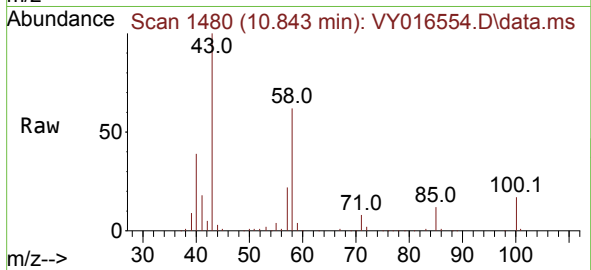




#59
2-Hexanone
Concen: 106.713 ug/l
RT: 10.843 min Scan# 14
Delta R.T. -0.012 min
Lab File: VY016554.D
Acq: 01 Dec 2023 10:44

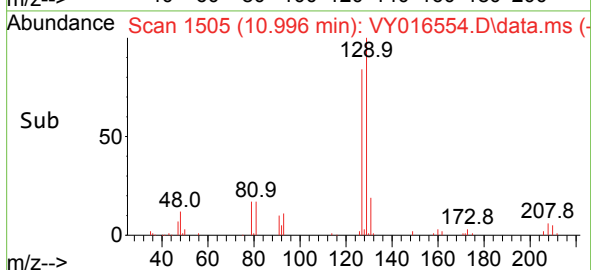
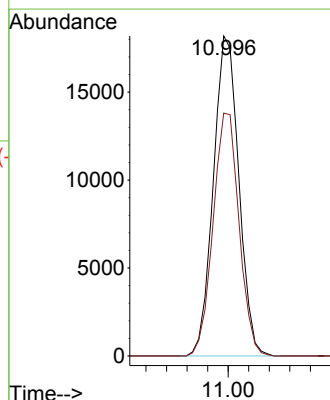
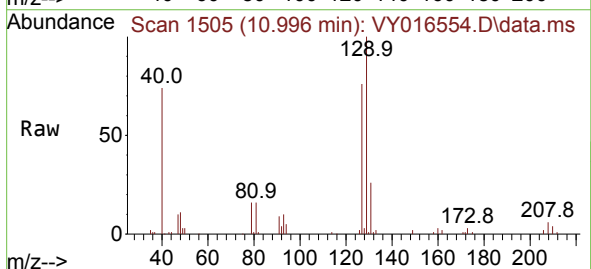
Instrument :
MSVOA_Y
ClientSampleId :

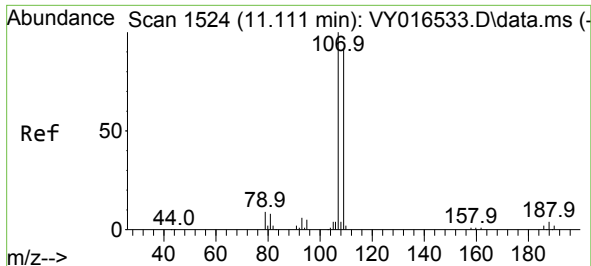
Tgt Ion: 43 Resp: 57337
Ion Ratio Lower Upper
43 100
58 64.3 25.1 75.3



#60
Dibromochloromethane
Concen: 21.747 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.012 min
Lab File: VY016554.D
Acq: 01 Dec 2023 10:44

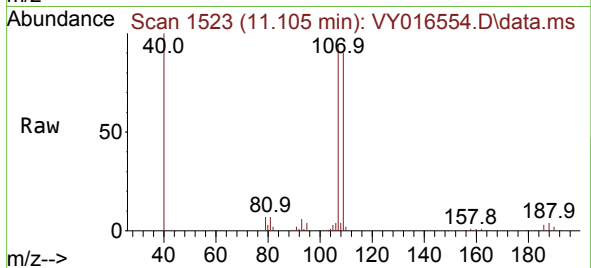
Tgt Ion: 129 Resp: 31218
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5



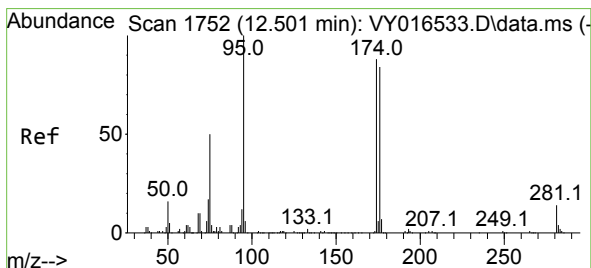
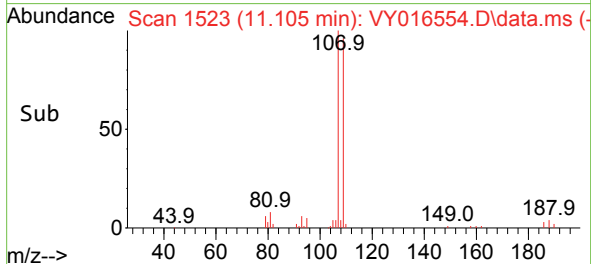
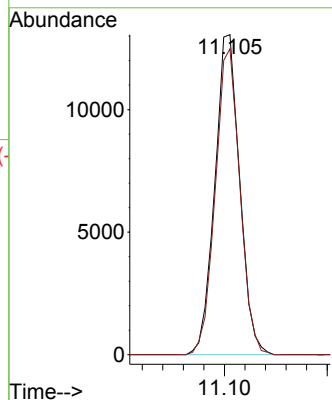


#61
1,2-Dibromoethane
Concen: 21.136 ug/l
RT: 11.105 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016554.D
Acq: 01 Dec 2023 10:44

Instrument :
MSVOA_Y
ClientSampleId :

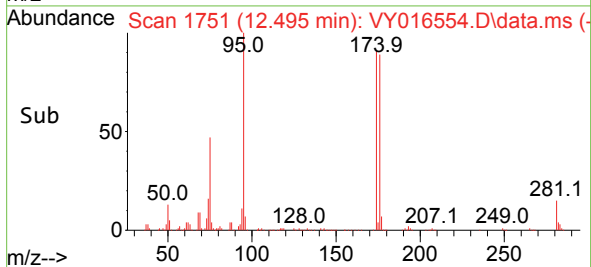
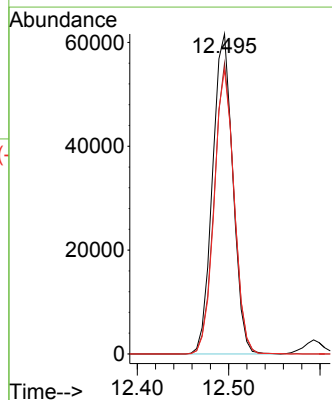
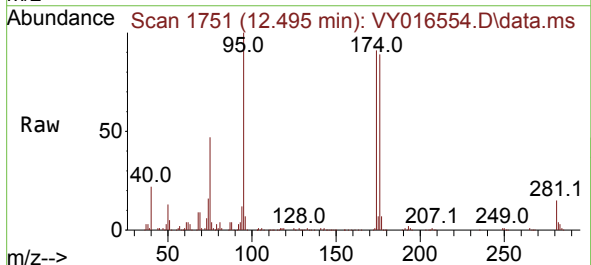


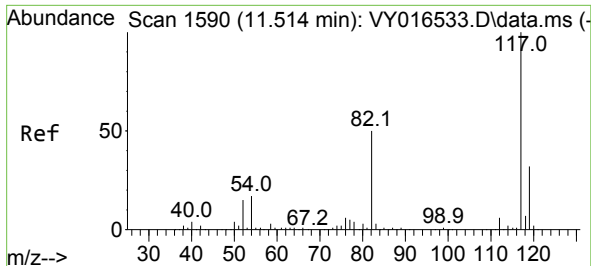
Tgt Ion:107 Resp: 21921
Ion Ratio Lower Upper
107 100
109 94.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 54.534 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.006 min
Lab File: VY016554.D
Acq: 01 Dec 2023 10:44

Tgt Ion: 95 Resp: 95060
Ion Ratio Lower Upper
95 100
174 88.4 0.0 178.2
176 87.3 0.0 173.8

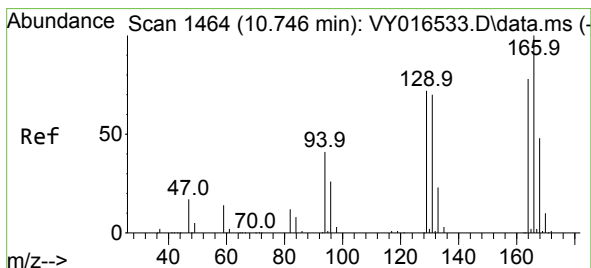
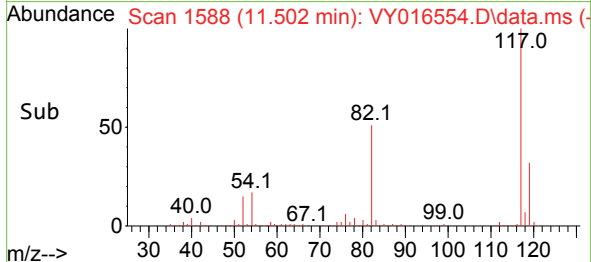
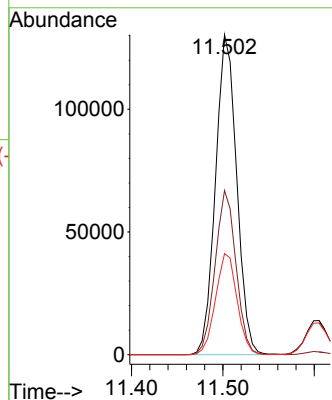
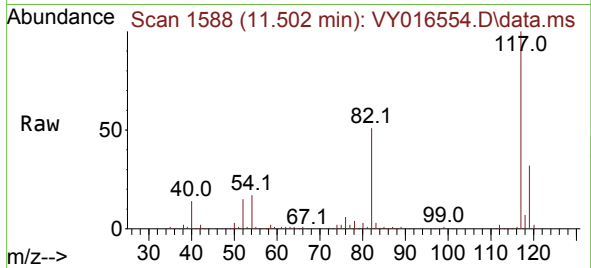




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016554.D
Acq: 01 Dec 2023 10:44

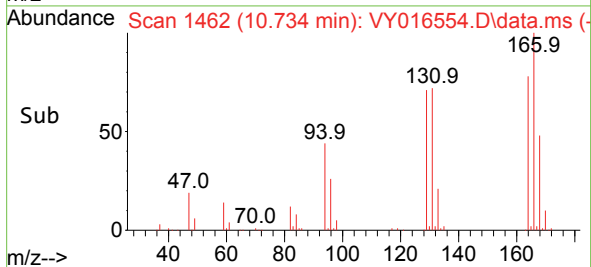
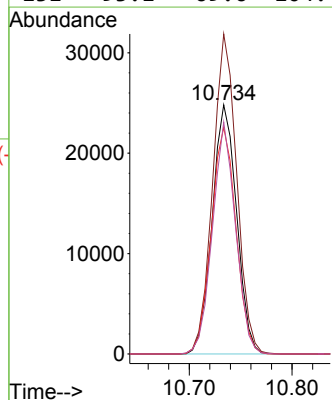
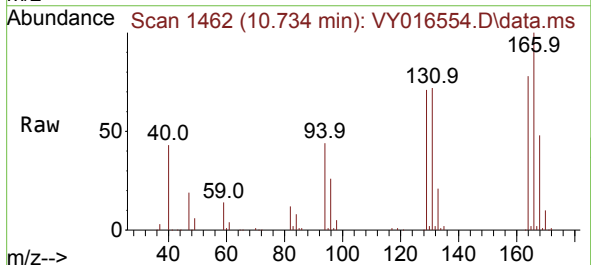
Instrument :
MSVOA_Y
ClientSampleId :

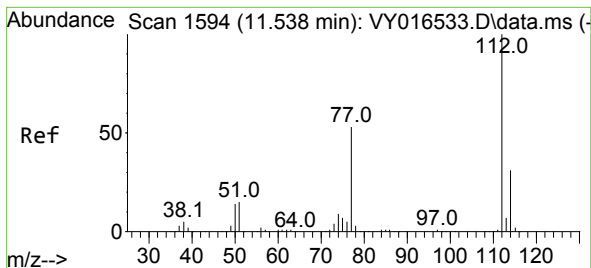
Tgt Ion:117 Resp: 210046
Ion Ratio Lower Upper
117 100
82 51.3 43.4 65.0
119 31.6 26.3 39.5



#64
Tetrachloroethene
Concen: 21.933 ug/l
RT: 10.734 min Scan# 1462
Delta R.T. -0.012 min
Lab File: VY016554.D
Acq: 01 Dec 2023 10:44

Tgt Ion:164 Resp: 41000
Ion Ratio Lower Upper
164 100
166 128.5 103.0 154.6
129 91.0 77.2 115.8
131 93.1 69.6 104.4





#65

Chlorobenzene

Concen: 21.989 ug/l

RT: 11.532 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016554.D

Acq: 01 Dec 2023 10:44

Instrument :

MSVOA_Y

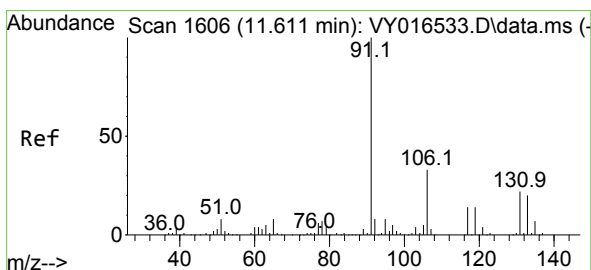
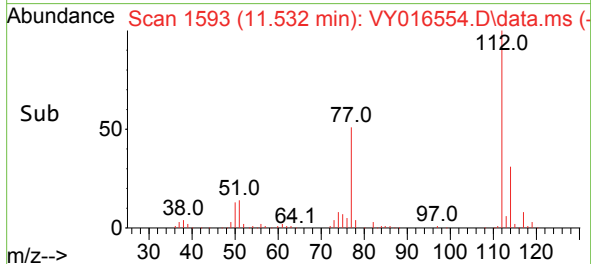
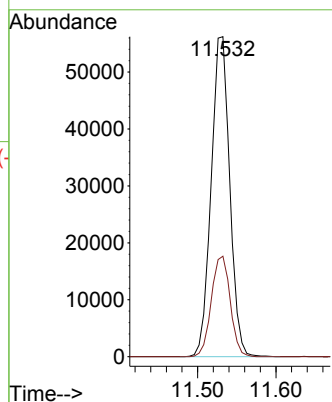
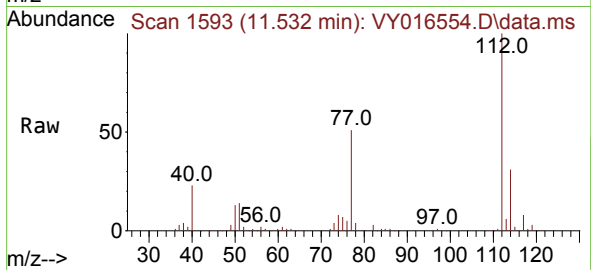
ClientSampleId :

Tgt Ion:112 Resp: 92494

Ion Ratio Lower Upper

112 100

114 31.4 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 21.984 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.012 min

Lab File: VY016554.D

Acq: 01 Dec 2023 10:44

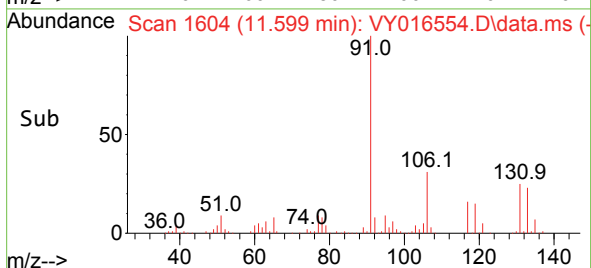
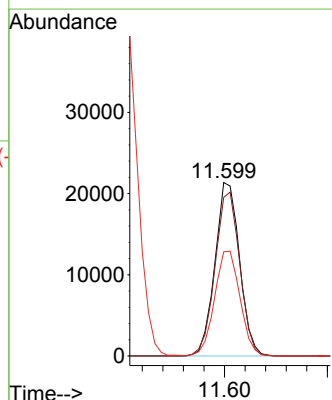
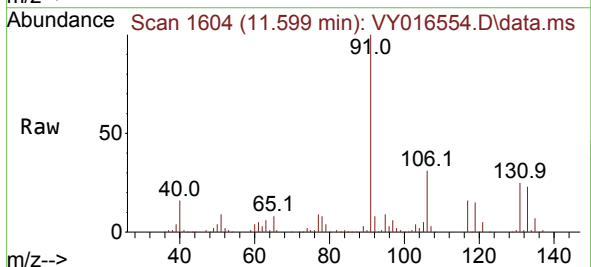
Tgt Ion:131 Resp: 35450

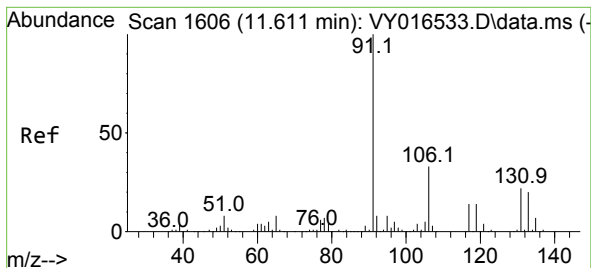
Ion Ratio Lower Upper

131 100

133 94.8 47.5 142.6

119 62.5 31.6 94.7





#67

Ethyl Benzene

Concen: 21.525 ug/l

RT: 11.605 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016554.D

Acq: 01 Dec 2023 10:44

Instrument :

MSVOA_Y

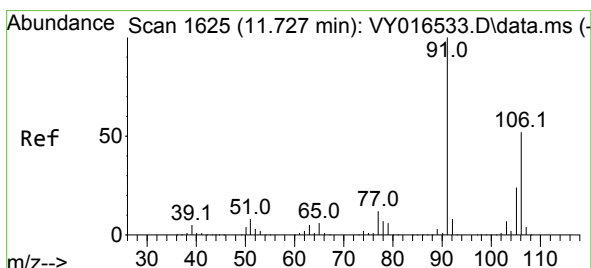
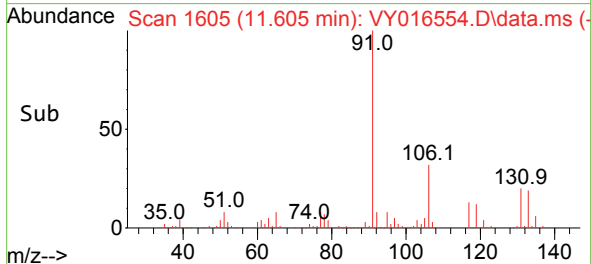
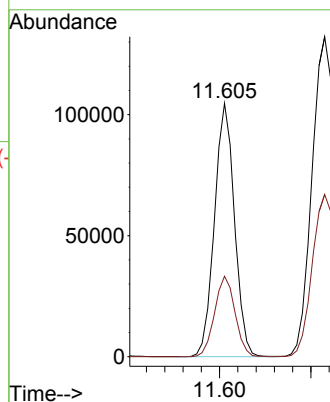
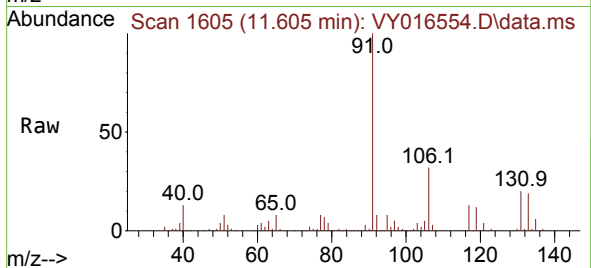
ClientSampleId :

Tgt Ion: 91 Resp: 158941

Ion Ratio Lower Upper

91 100

106 31.7 24.6 36.8



#68

m/p-Xylenes

Concen: 43.706 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. -0.012 min

Lab File: VY016554.D

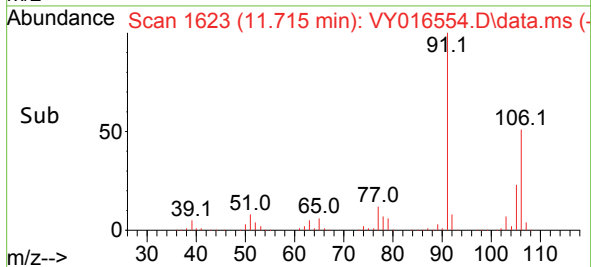
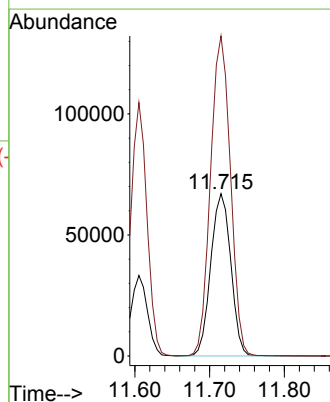
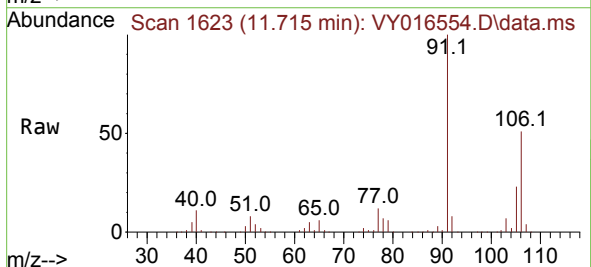
Acq: 01 Dec 2023 10:44

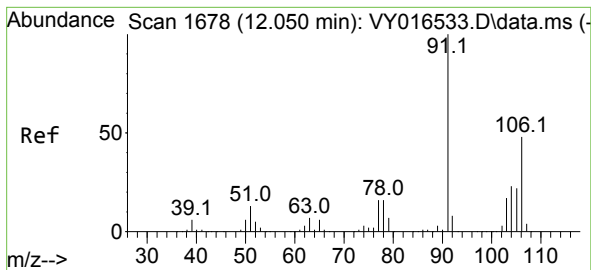
Tgt Ion:106 Resp: 124897

Ion Ratio Lower Upper

106 100

91 196.0 166.1 249.1





#69

o-Xylene

Concen: 22.468 ug/l

RT: 12.044 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016554.D

Acq: 01 Dec 2023 10:44

Instrument :

MSVOA_Y

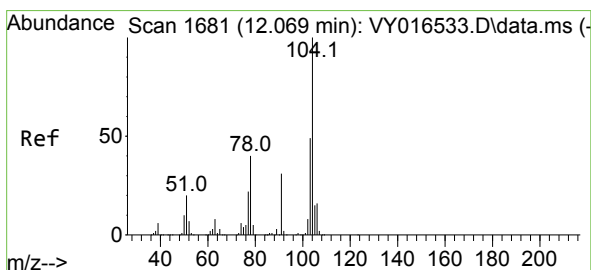
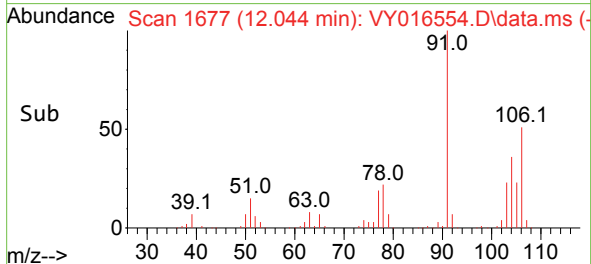
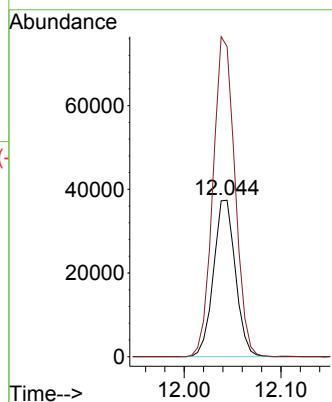
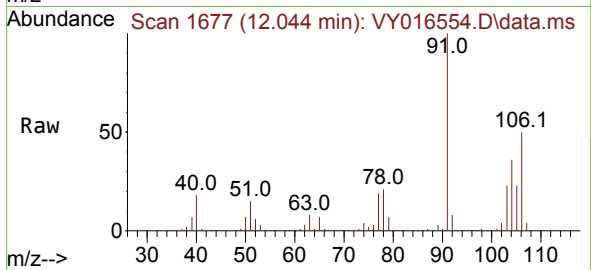
ClientSampleId :

Tgt Ion:106 Resp: 58944

Ion Ratio Lower Upper

106 100

91 204.8 108.1 324.3



#70

Styrene

Concen: 22.283 ug/l

RT: 12.056 min Scan# 1679

Delta R.T. -0.012 min

Lab File: VY016554.D

Acq: 01 Dec 2023 10:44

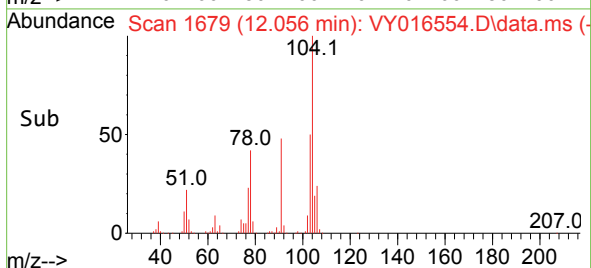
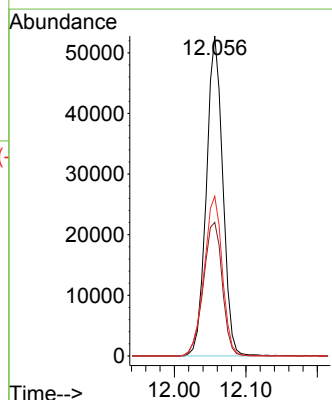
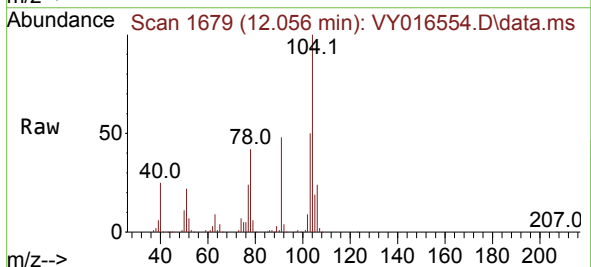
Tgt Ion:104 Resp: 84114

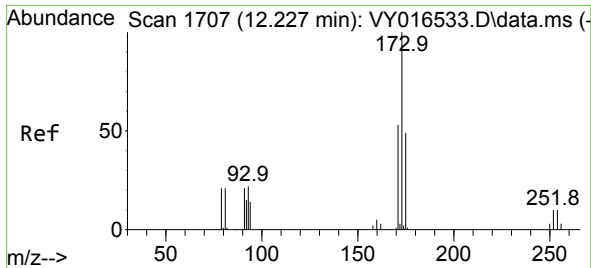
Ion Ratio Lower Upper

104 100

78 48.1 41.5 62.3

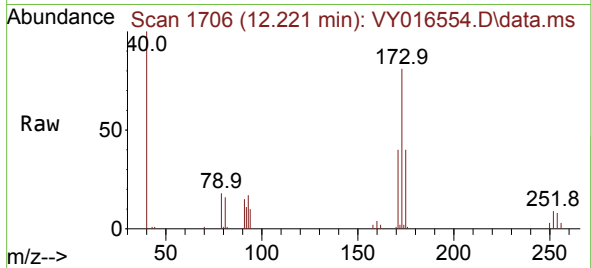
103 55.2 44.6 67.0



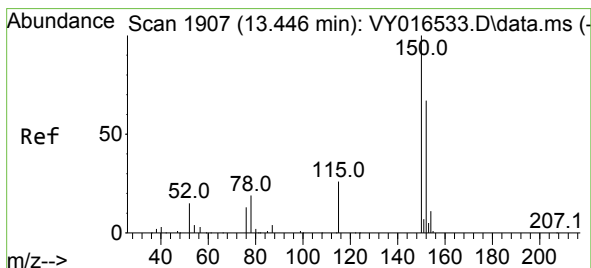
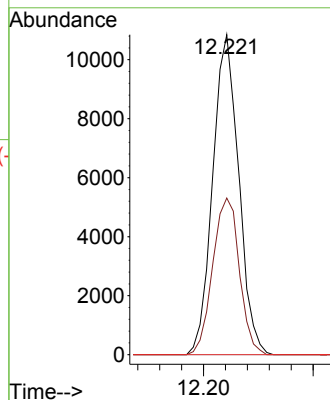
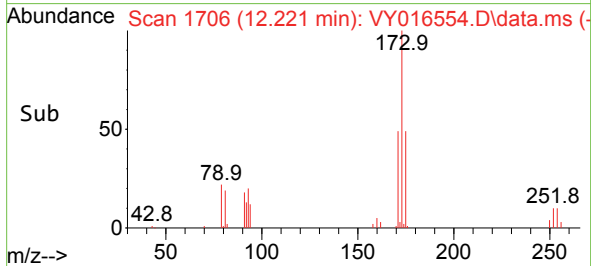


#71
Bromoform
Concen: 21.447 ug/l
RT: 12.221 min Scan# 1706
Delta R.T. -0.006 min
Lab File: VY016554.D
Acq: 01 Dec 2023 10:44

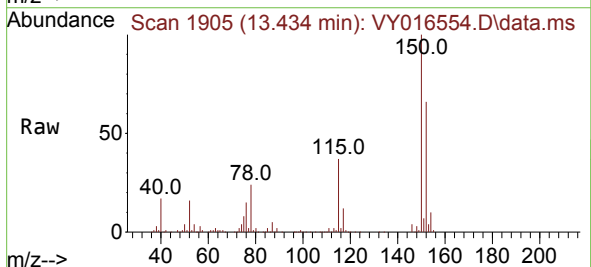
Instrument :
MSVOA_Y
ClientSampleId :



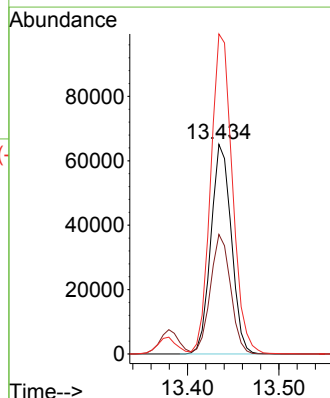
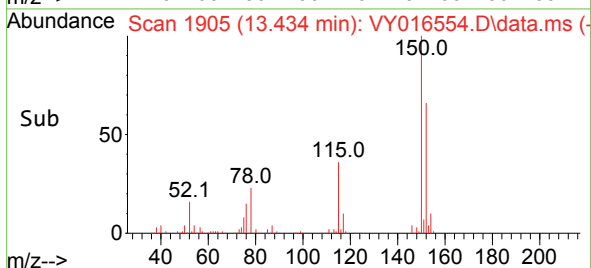
Tgt Ion:173 Resp: 17864
Ion Ratio Lower Upper
173 100
175 50.2 24.6 73.8
254 0.0 0.2 0.2#

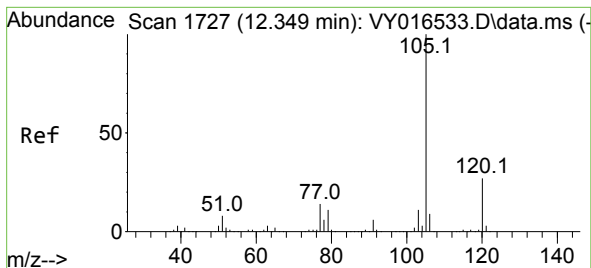


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.012 min
Lab File: VY016554.D
Acq: 01 Dec 2023 10:44



Tgt Ion:152 Resp: 100953
Ion Ratio Lower Upper
152 100
115 56.4 28.8 86.5
150 162.4 0.0 348.8





#73

Isopropylbenzene

Concen: 21.081 ug/l

RT: 12.343 min Scan# 1726

Delta R.T. -0.006 min

Lab File: VY016554.D

Acq: 01 Dec 2023 10:44

Instrument :

MSVOA_Y

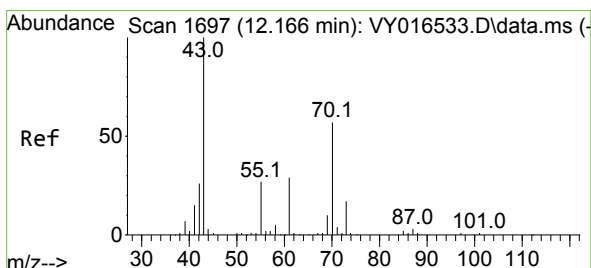
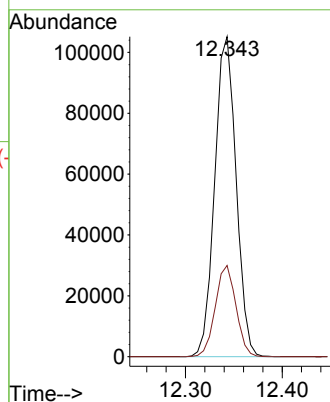
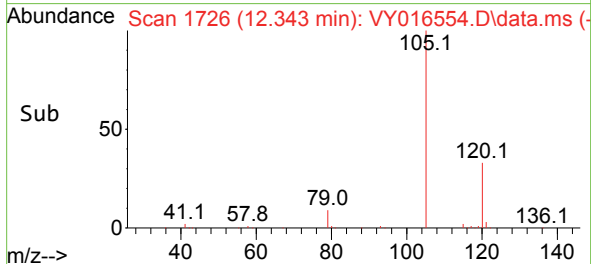
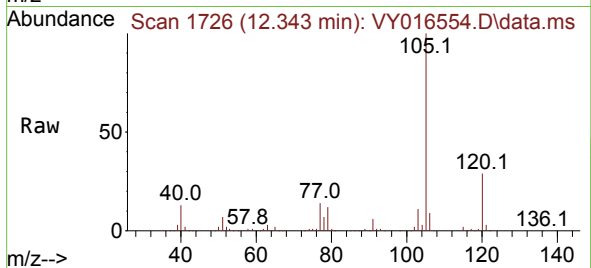
ClientSampleId :

Tgt Ion:105 Resp: 161393

Ion Ratio Lower Upper

105 100

120 27.5 13.3 39.9



#74

N-ethyl acetate

Concen: 19.854 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. -0.012 min

Lab File: VY016554.D

Acq: 01 Dec 2023 10:44

Tgt Ion: 43 Resp: 21465

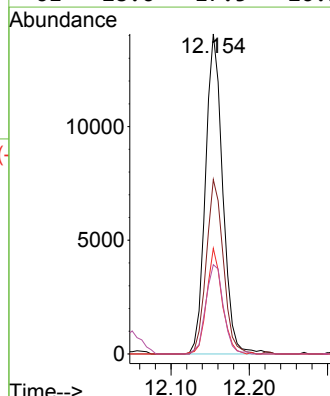
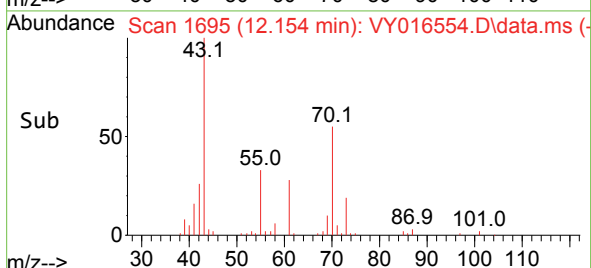
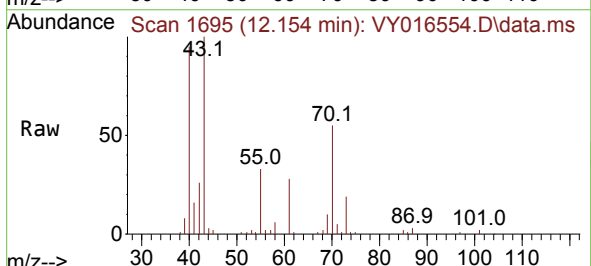
Ion Ratio Lower Upper

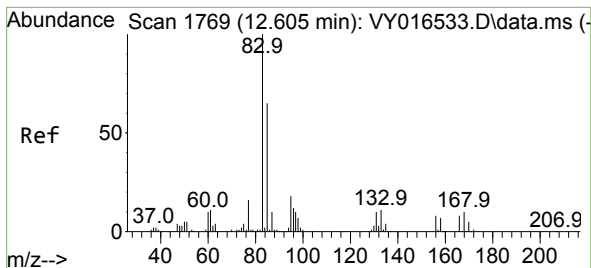
43 100

70 53.8 29.7 44.5#

55 29.6 18.3 27.5#

61 28.6 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 19.921 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.012 min

Lab File: VY016554.D

Acq: 01 Dec 2023 10:44

Instrument :

MSVOA_Y

ClientSampleId :

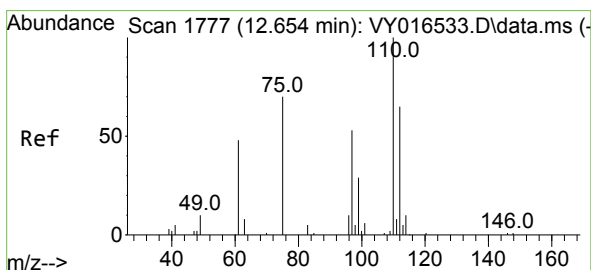
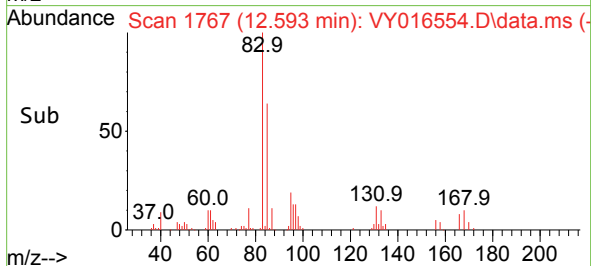
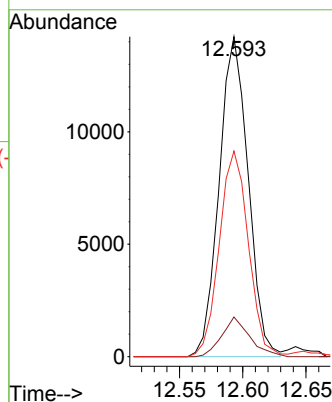
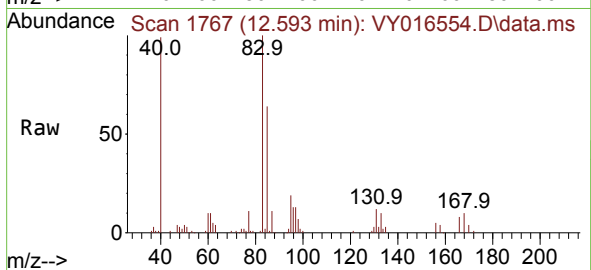
Tgt Ion: 83 Resp: 22639

Ion Ratio Lower Upper

83 100

131 12.0 5.4 16.2

85 64.7 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 35.235 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. -0.012 min

Lab File: VY016554.D

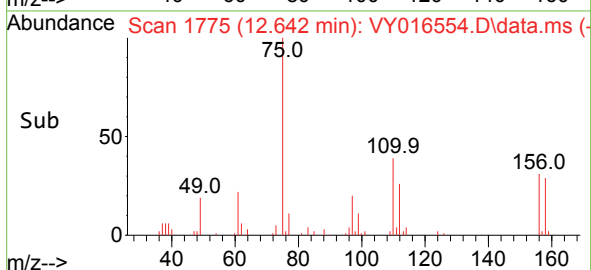
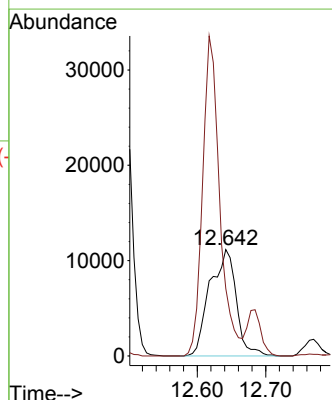
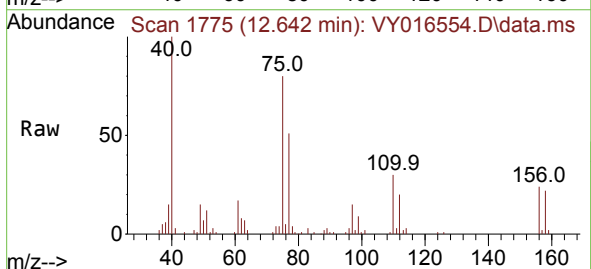
Acq: 01 Dec 2023 10:44

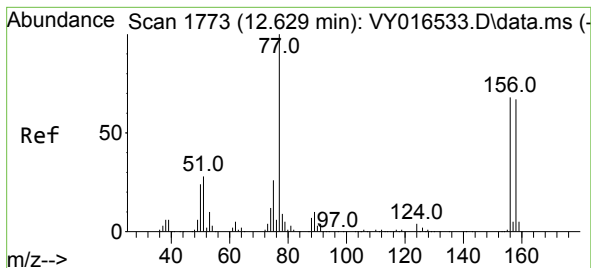
Tgt Ion: 75 Resp: 29866

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.110 ug/l

RT: 12.617 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY016554.D

Acq: 01 Dec 2023 10:44

Instrument :

MSVOA_Y

ClientSampleId :

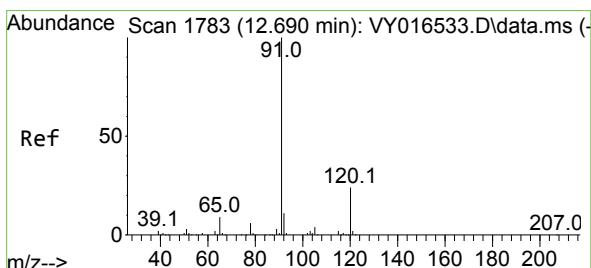
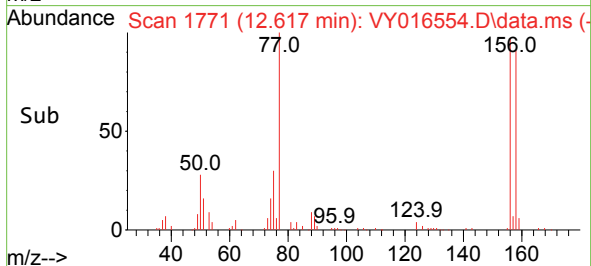
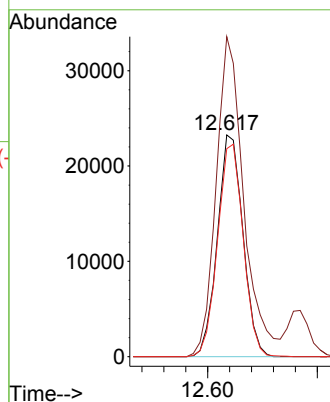
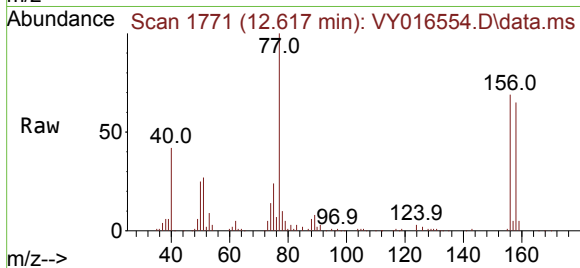
Tgt Ion:156 Resp: 37631

Ion Ratio Lower Upper

156 100

77 156.3 92.8 278.6

158 96.2 48.4 145.3



#78

n-propylbenzene

Concen: 21.333 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. -0.006 min

Lab File: VY016554.D

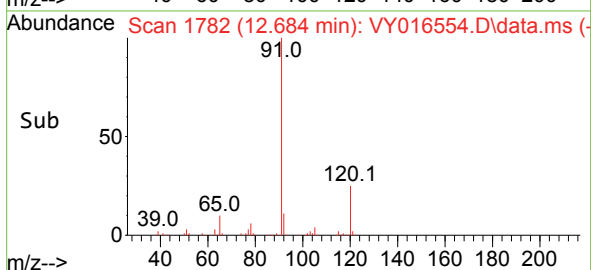
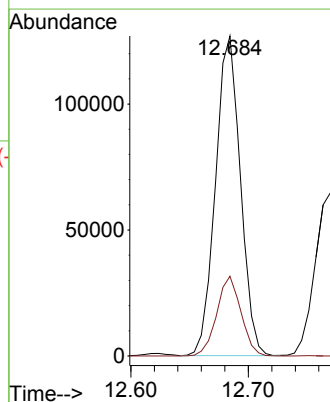
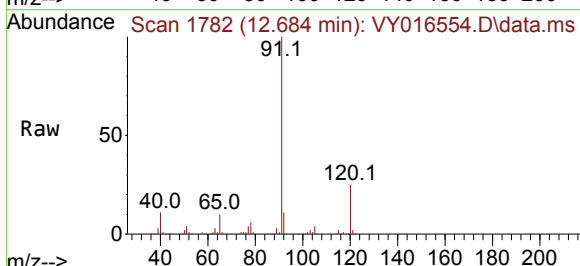
Acq: 01 Dec 2023 10:44

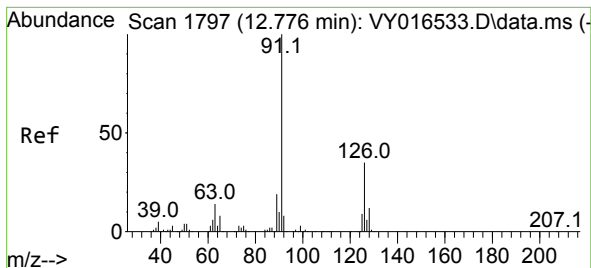
Tgt Ion: 91 Resp: 186850

Ion Ratio Lower Upper

91 100

120 24.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 20.948 ug/l

RT: 12.770 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016554.D

Acq: 01 Dec 2023 10:44

Instrument :

MSVOA_Y

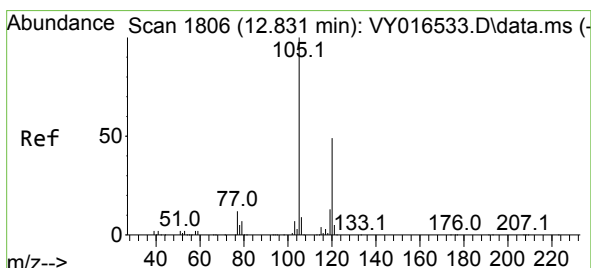
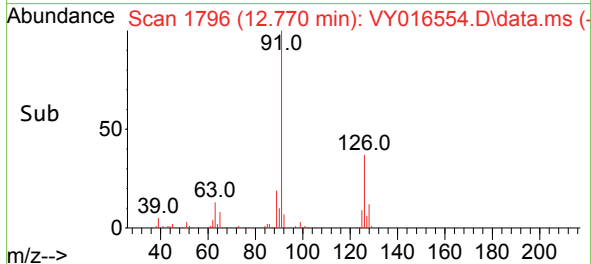
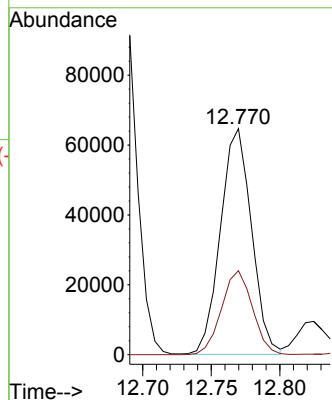
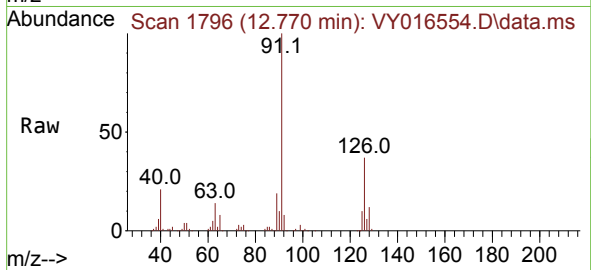
ClientSampleId :

Tgt Ion: 91 Resp: 102050

Ion Ratio Lower Upper

91 100

126 37.0 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 21.557 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. -0.006 min

Lab File: VY016554.D

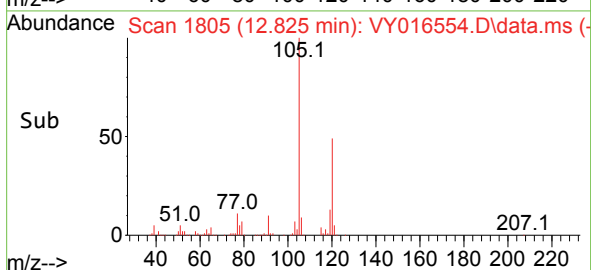
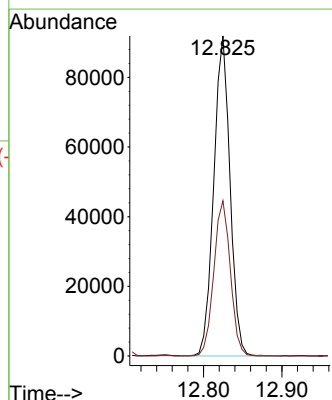
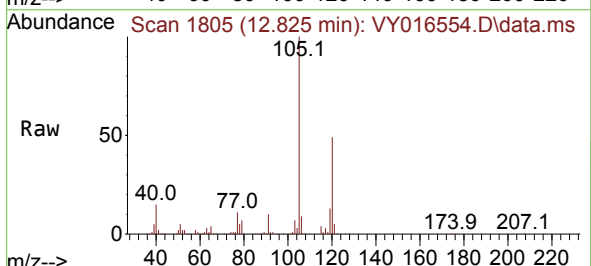
Acq: 01 Dec 2023 10:44

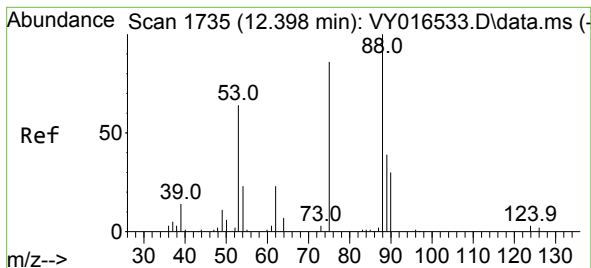
Tgt Ion:105 Resp: 132667

Ion Ratio Lower Upper

105 100

120 49.2 23.9 71.7

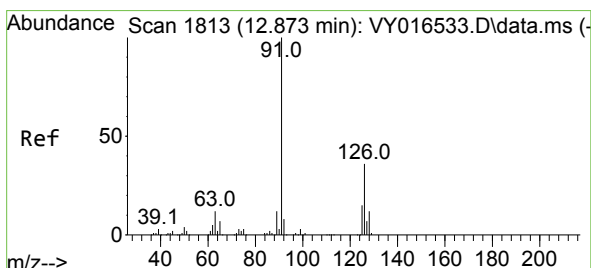
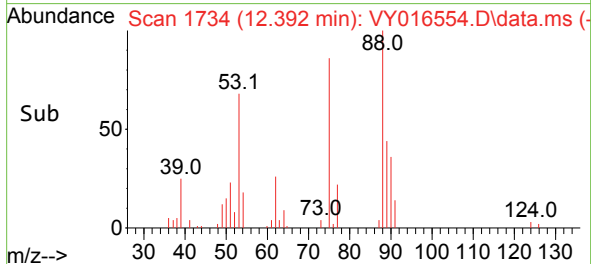
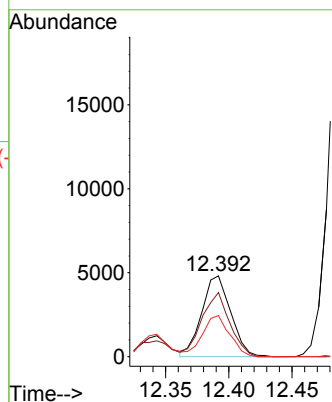
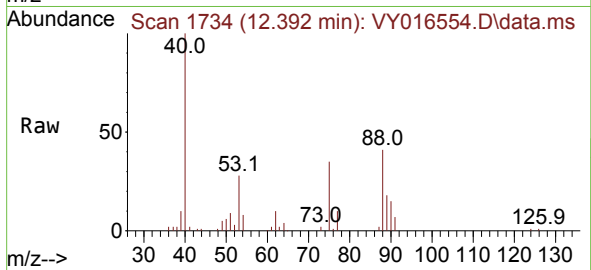




#81
trans-1,4-Dichloro-2-butene
Concen: 19.743 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VY016554.D
Acq: 01 Dec 2023 10:44

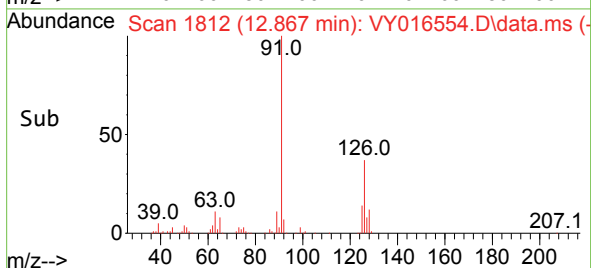
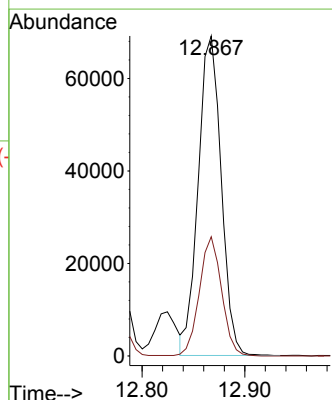
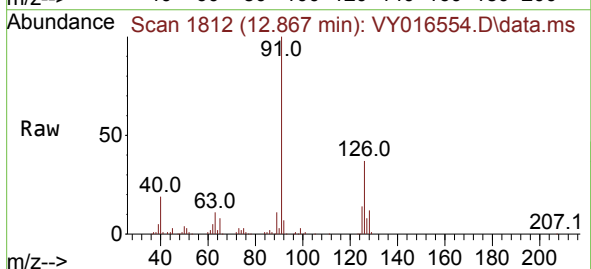
Instrument :
MSVOA_Y
ClientSampleId :

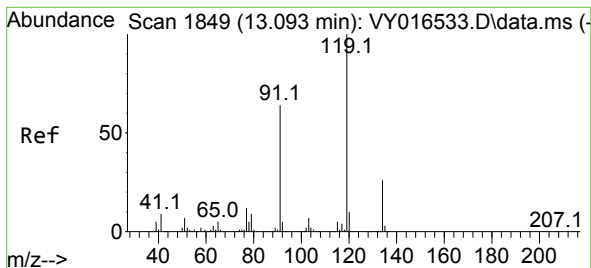
Tgt Ion: 75 Resp: 7673
Ion Ratio Lower Upper
75 100
53 76.7 77.8 116.8#
89 48.3 37.4 56.0



#82
4-Chlorotoluene
Concen: 21.470 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. -0.006 min
Lab File: VY016554.D
Acq: 01 Dec 2023 10:44

Tgt Ion: 91 Resp: 107389
Ion Ratio Lower Upper
91 100
126 36.2 17.2 51.6





#83

tert-Butylbenzene

Concen: 21.092 ug/l

RT: 13.087 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016554.D

Acq: 01 Dec 2023 10:44

Instrument :

MSVOA_Y

ClientSampleId :

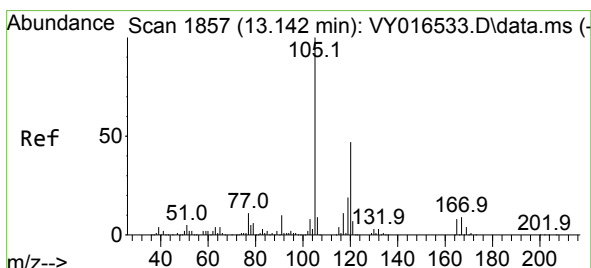
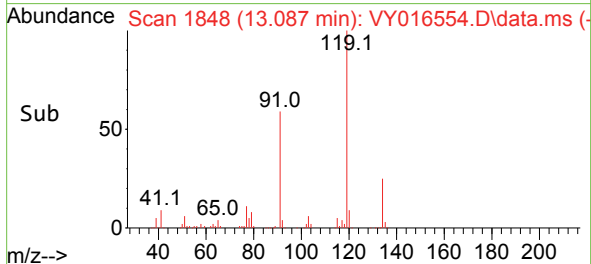
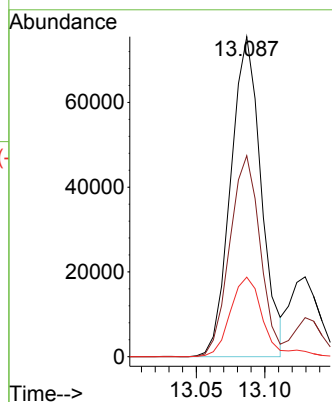
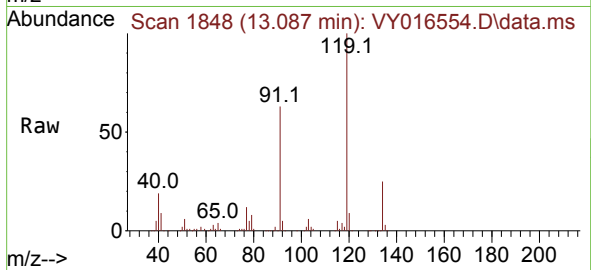
Tgt Ion:119 Resp: 117145

Ion Ratio Lower Upper

119 100

91 62.6 32.9 98.6

134 26.8 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 21.662 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. -0.012 min

Lab File: VY016554.D

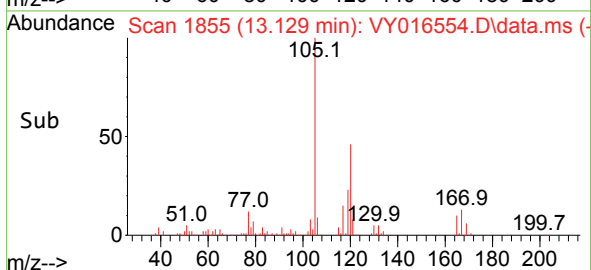
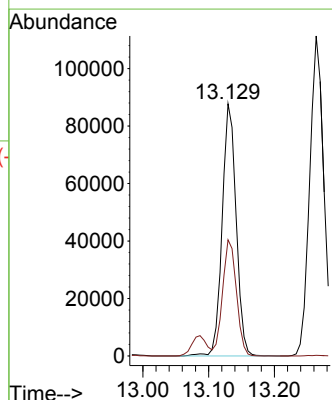
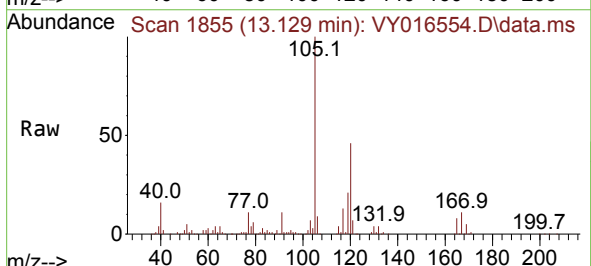
Acq: 01 Dec 2023 10:44

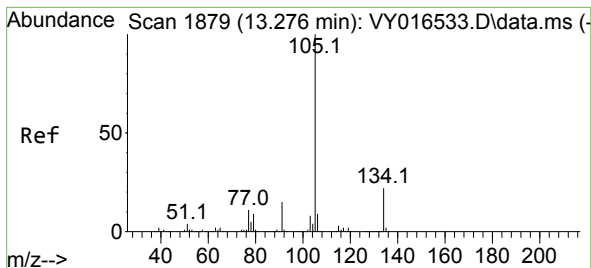
Tgt Ion:105 Resp: 129790

Ion Ratio Lower Upper

105 100

120 45.4 22.2 66.6





#85

sec-Butylbenzene

Concen: 21.534 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. -0.012 min

Lab File: VY016554.D

Acq: 01 Dec 2023 10:44

Instrument :

MSVOA_Y

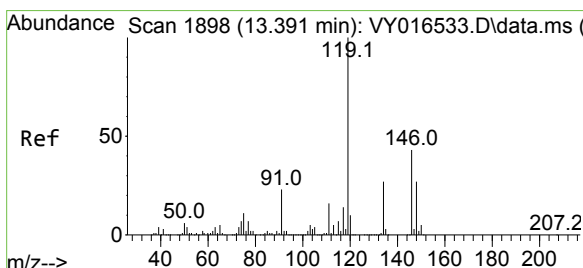
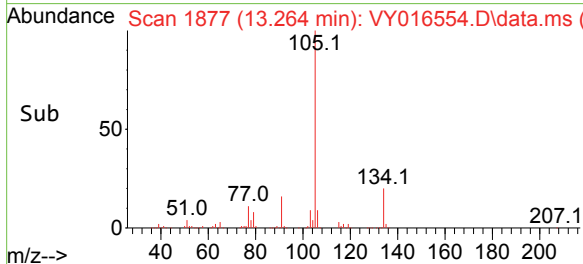
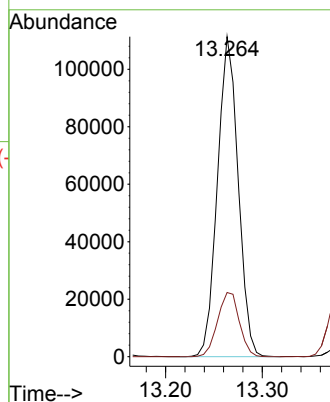
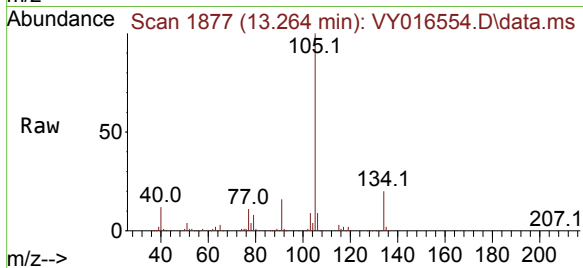
ClientSampleId :

Tgt Ion:105 Resp: 165408

Ion Ratio Lower Upper

105 100

134 21.1 10.2 30.6



#86

p-Isopropyltoluene

Concen: 21.811 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. -0.012 min

Lab File: VY016554.D

Acq: 01 Dec 2023 10:44

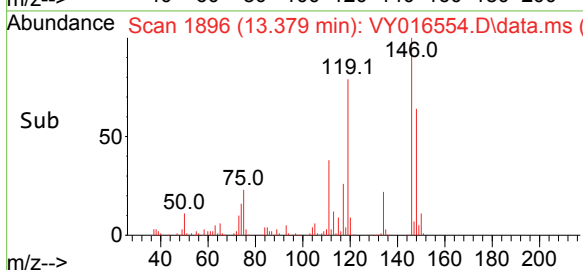
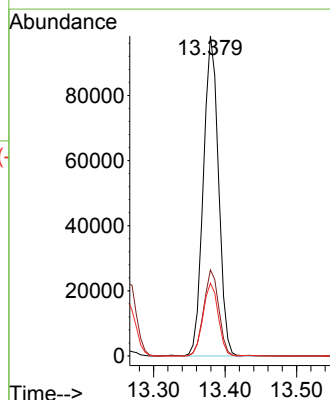
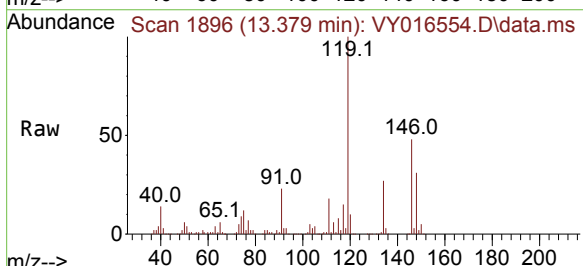
Tgt Ion:119 Resp: 144755

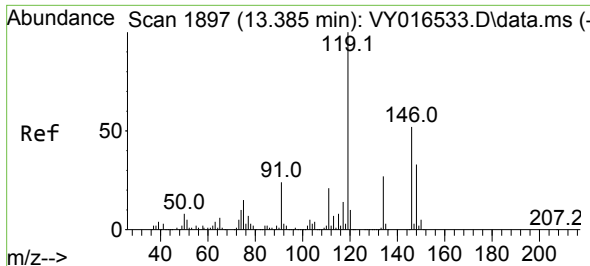
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

91 22.9 12.4 37.4

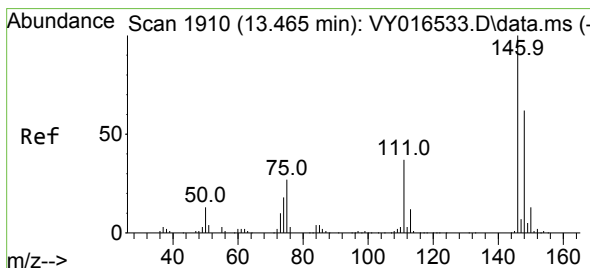
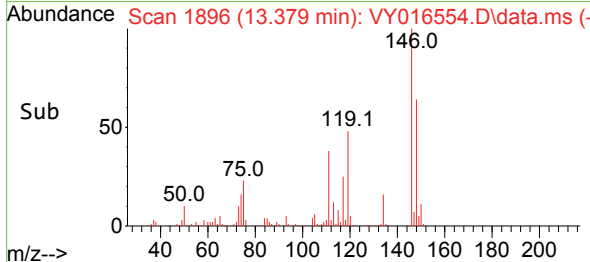
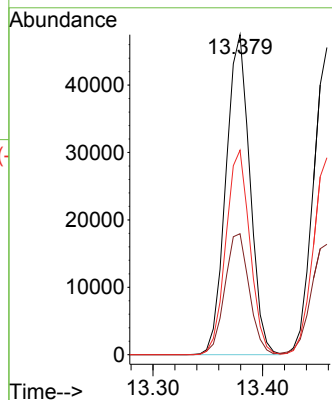
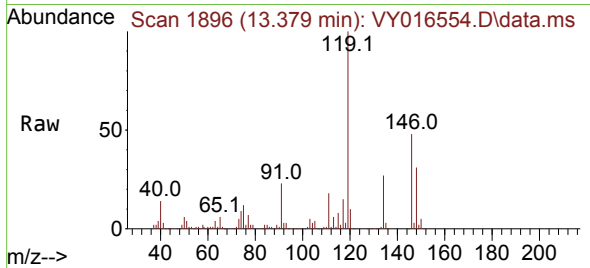




#87
1,3-Dichlorobenzene
Concen: 21.422 ug/l
RT: 13.379 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016554.D
Acq: 01 Dec 2023 10:44

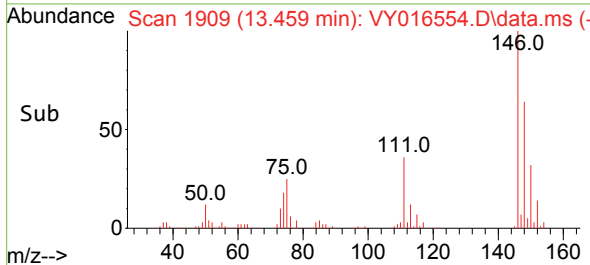
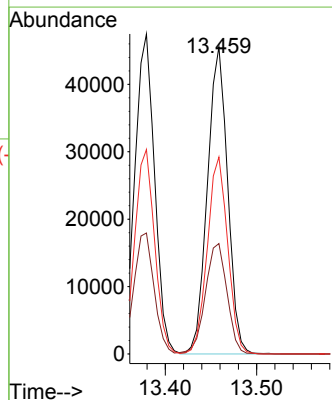
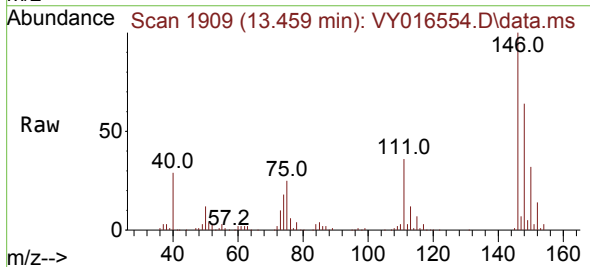
Instrument :
MSVOA_Y
ClientSampleId :

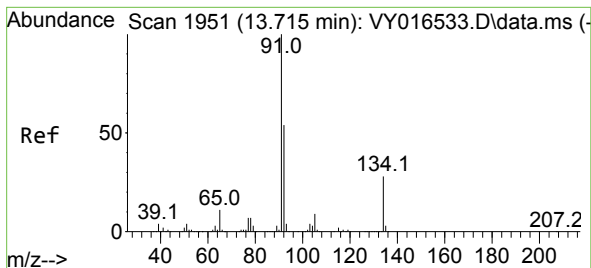
Tgt Ion:146 Resp: 72106
Ion Ratio Lower Upper
146 100
111 38.6 19.4 58.2
148 64.0 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 21.234 ug/l
RT: 13.459 min Scan# 1909
Delta R.T. -0.006 min
Lab File: VY016554.D
Acq: 01 Dec 2023 10:44

Tgt Ion:146 Resp: 69956
Ion Ratio Lower Upper
146 100
111 38.5 18.9 56.7
148 64.7 32.1 96.5





#89

n-Butylbenzene

Concen: 21.632 ug/l

RT: 13.709 min Scan# 1950

Delta R.T. -0.006 min

Lab File: VY016554.D

Acq: 01 Dec 2023 10:44

Instrument :

MSVOA_Y

ClientSampleId :

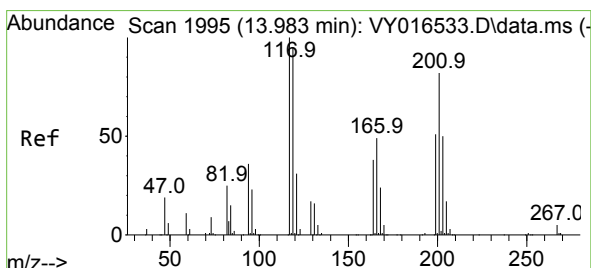
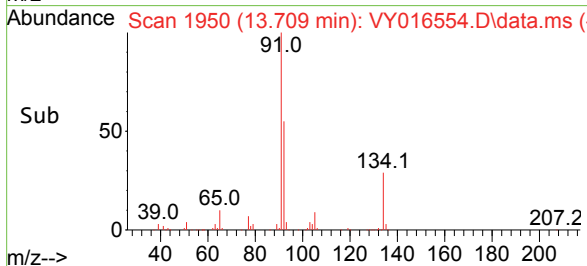
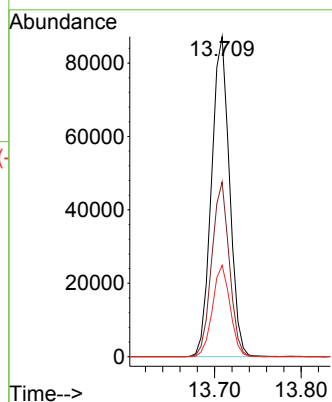
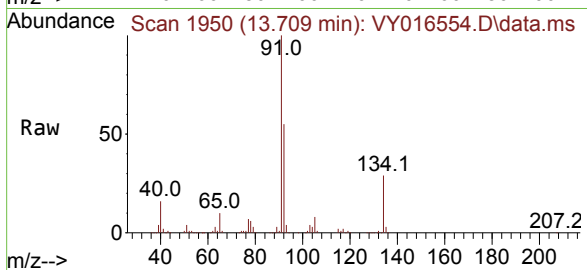
Tgt Ion: 91 Resp: 125836

Ion Ratio Lower Upper

91 100

92 53.3 25.4 76.0

134 27.9 12.6 37.6



#90

Hexachloroethane

Concen: 21.469 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.012 min

Lab File: VY016554.D

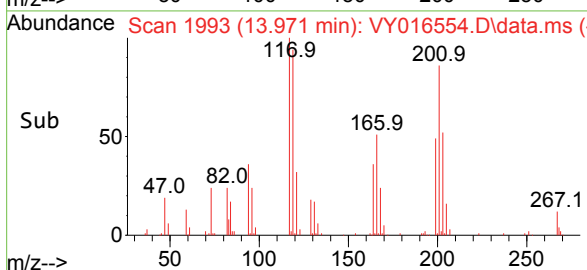
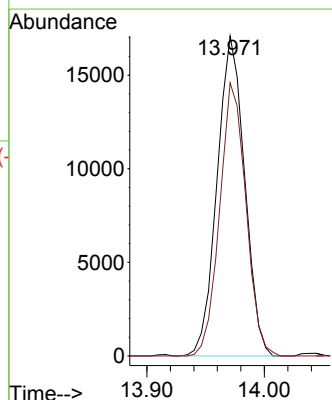
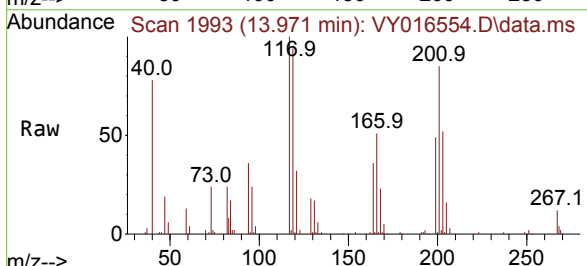
Acq: 01 Dec 2023 10:44

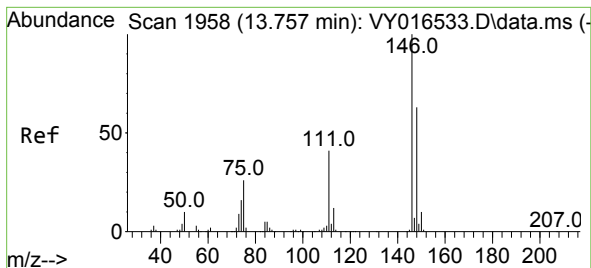
Tgt Ion: 117 Resp: 27800

Ion Ratio Lower Upper

117 100

201 81.5 41.6 124.8

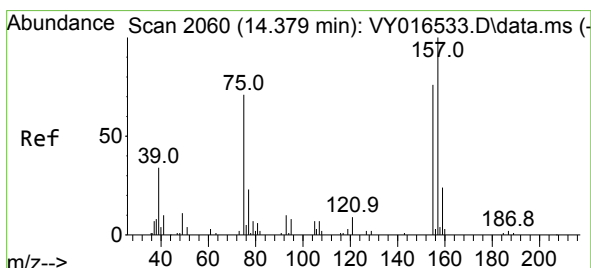
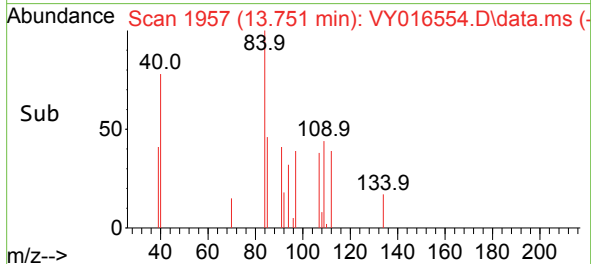
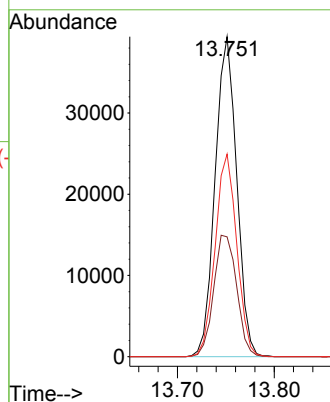
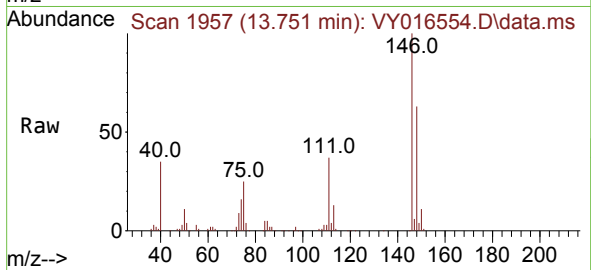




#91
1,2-Dichlorobenzene
Concen: 21.401 ug/l
RT: 13.751 min Scan# 1958
Delta R.T. -0.006 min
Lab File: VY016554.D
Acq: 01 Dec 2023 10:44

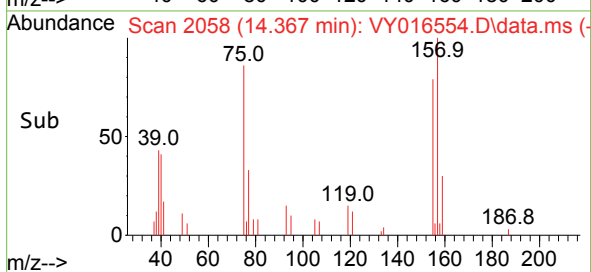
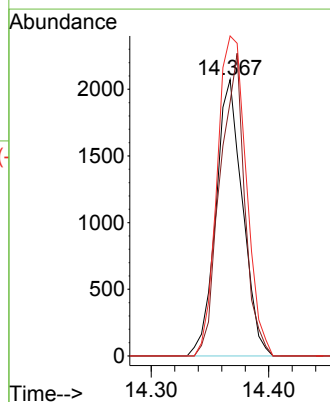
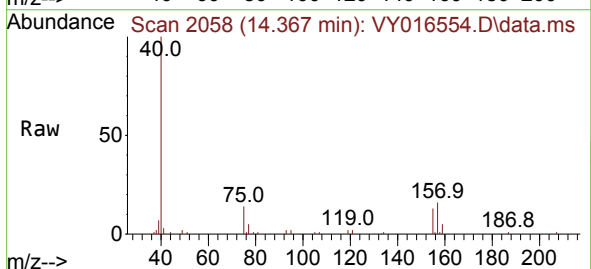
Instrument :
MSVOA_Y
ClientSampleId :

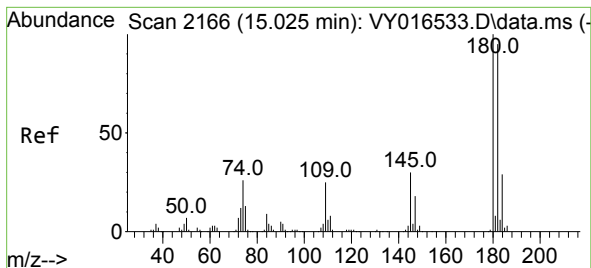
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.7	59.0
148	63.4	32.0	96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.472 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. -0.012 min
Lab File: VY016554.D
Acq: 01 Dec 2023 10:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.6	41.5	124.6
157	126.0	51.8	155.5





#93

1,2,4-Trichlorobenzene

Concen: 21.279 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY016554.D

Acq: 01 Dec 2023 10:44

Instrument :

MSVOA_Y

ClientSampleId :

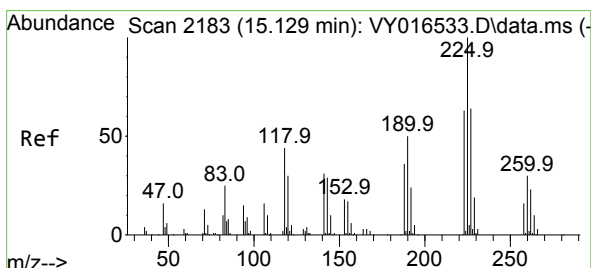
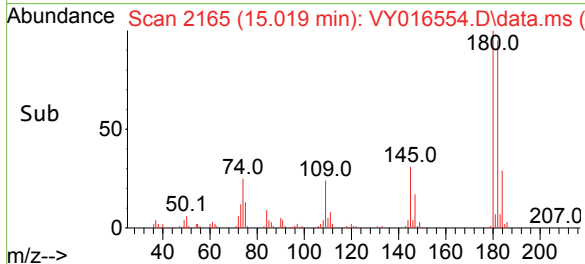
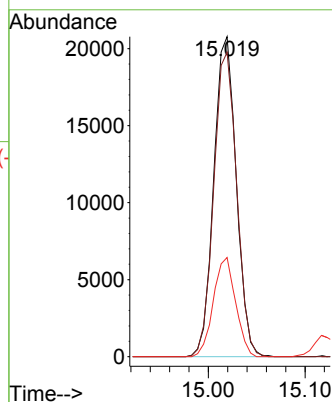
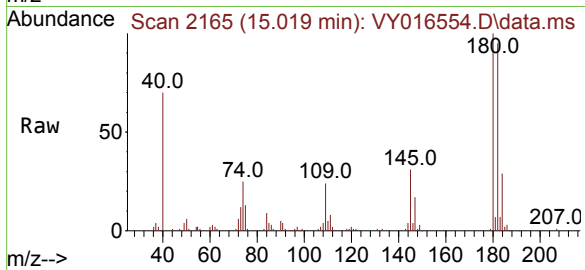
Tgt Ion:180 Resp: 33508

Ion Ratio Lower Upper

180 100

182 96.9 47.0 141.2

145 30.7 14.5 43.5



#94

Hexachlorobutadiene

Concen: 22.774 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY016554.D

Acq: 01 Dec 2023 10:44

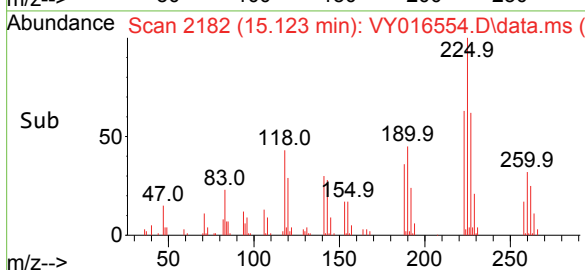
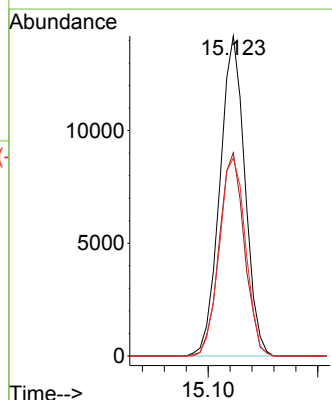
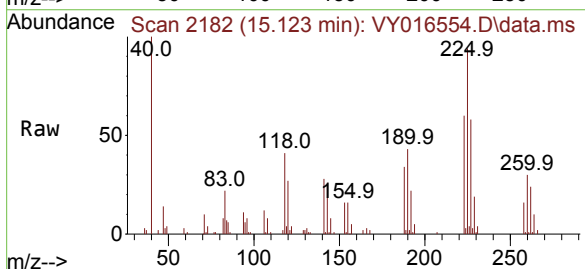
Tgt Ion:225 Resp: 22500

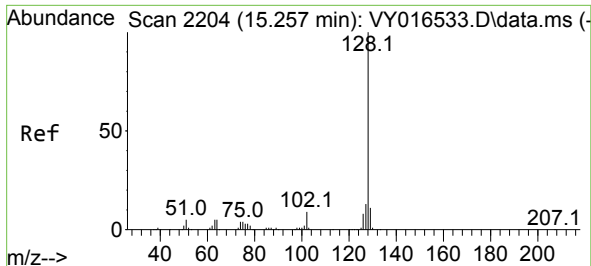
Ion Ratio Lower Upper

225 100

223 63.8 31.9 95.9

227 64.9 33.0 98.9

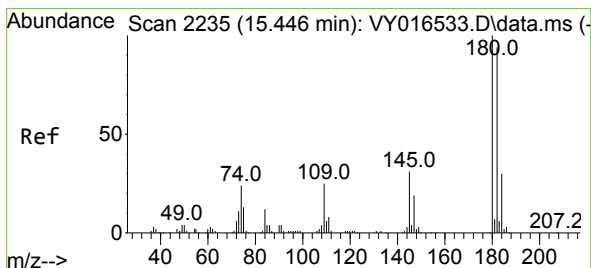
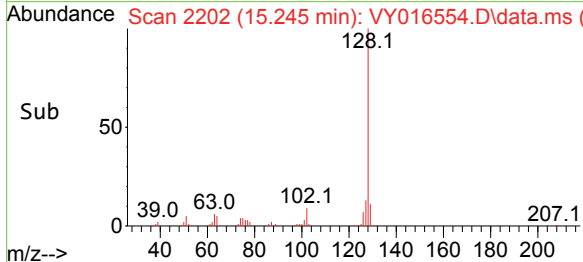
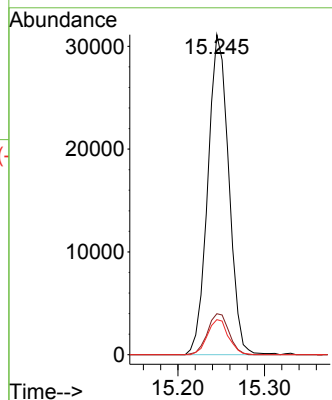
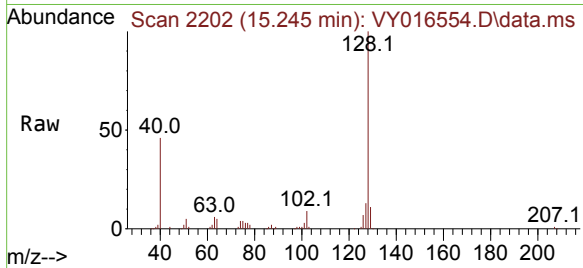




#95
Naphthalene
Concen: 20.078 ug/l
RT: 15.245 min Scan# 2204
Delta R.T. -0.012 min
Lab File: VY016554.D
Acq: 01 Dec 2023 10:44

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 52302
Ion Ratio Lower Upper
128 100
127 13.1 10.8 16.2
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 21.139 ug/l
RT: 15.434 min Scan# 2233
Delta R.T. -0.012 min
Lab File: VY016554.D
Acq: 01 Dec 2023 10:44

Tgt Ion:180 Resp: 26449
Ion Ratio Lower Upper
180 100
182 95.7 47.3 141.8
145 31.2 15.4 46.2

