

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112923\
 Data File : VY016528.D
 Acq On : 29 Nov 2023 09:33
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 30 03:06:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 30 02:51:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.826	168	175346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.722	114	264525	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.520	117	218423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.453	152	97558	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	24741	17.860	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	35.720%#
35) Dibromofluoromethane	7.759	113	30572	19.692	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	39.380%#
50) Toluene-d8	10.209	98	120458	20.005	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	40.000%#
62) 4-Bromofluorobenzene	12.508	95	35791	18.947	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	37.900%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.924	85	33309	21.807	ug/l	100
3) Chloromethane	2.138	50	32302	21.200	ug/l	96
4) Vinyl Chloride	2.278	62	36018	20.944	ug/l	94
5) Bromomethane	2.680	94	20655	18.554	ug/l	100
6) Chloroethane	2.827	64	22851	20.582	ug/l	97
7) Trichlorofluoromethane	3.162	101	61756	20.743	ug/l	98
8) Diethyl Ether	3.564	74	14631	18.502	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.942	101	34900	20.650	ug/l	99
10) Methyl Iodide	4.137	142	39053	20.425	ug/l	97
11) Tert butyl alcohol	4.991	59	7923	90.236	ug/l #	89
12) 1,1-Dichloroethene	3.918	96	32160	20.361	ug/l #	77
13) Acrolein	3.765	56	13156	79.073	ug/l	96
14) Allyl chloride	4.527	41	36385	20.038	ug/l #	88
15) Acrylonitrile	5.216	53	23514	84.032	ug/l	97
16) Acetone	3.979	43	23965	88.256	ug/l #	87
17) Carbon Disulfide	4.235	76	91753	20.590	ug/l	98
18) Methyl Acetate	4.515	43	17267	16.839	ug/l #	82
19) Methyl tert-butyl Ether	5.271	73	62254	18.086	ug/l	94
20) Methylene Chloride	4.771	84	33255	18.854	ug/l #	80
21) trans-1,2-Dichloroethene	5.271	96	36350	20.663	ug/l	86
22) Diisopropyl ether	6.161	45	76226	20.020	ug/l #	86
23) Vinyl Acetate	6.106	43	161895	92.205	ug/l #	86
24) 1,1-Dichloroethane	6.064	63	54603	20.321	ug/l #	93
25) 2-Butanone	7.027	43	35392	94.692	ug/l #	86
26) 2,2-Dichloropropane	7.027	77	54217	20.415	ug/l	94
27) cis-1,2-Dichloroethene	7.027	96	37108	19.634	ug/l	88
28) Bromochloromethane	7.375	49	18092	18.630	ug/l #	69
29) Tetrahydrofuran	7.393	42	17439	86.852	ug/l #	79
30) Chloroform	7.545	83	59941	20.014	ug/l	94
31) Cyclohexane	7.826	56	50546	20.784	ug/l #	78
32) 1,1,1-Trichloroethane	7.740	97	59453	20.485	ug/l	95
36) 1,1-Dichloropropene	7.960	75	49024	21.383	ug/l	97
37) Ethyl Acetate	7.112	43	13281	18.483	ug/l #	88
38) Carbon Tetrachloride	7.941	117	56638	21.048	ug/l	97
39) Methylcyclohexane	9.216	83	59253	20.721	ug/l	88
40) Benzene	8.198	78	134424	20.680	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	5420	13.644	ug/l #	79
42) 1,2-Dichloroethane	8.271	62	30816	19.130	ug/l	92
43) Isopropyl Acetate	8.307	43	24980	17.679	ug/l #	80
44) Trichloroethene	8.972	130	41181	20.568	ug/l	93
45) 1,2-Dichloropropane	9.246	63	29620	20.194	ug/l	97
46) Dibromomethane	9.338	93	15508	18.803	ug/l	98
47) Bromodichloromethane	9.527	83	42395	19.469	ug/l	98
48) Methyl methacrylate	9.325	41	13949	17.584	ug/l #	78
49) 1,4-Dioxane	9.331	88	2672	349.853	ug/l #	72
51) 4-Methyl-2-Pentanone	10.100	43	66429	90.119	ug/l #	86
52) Toluene	10.270	92	86676	20.757	ug/l	94
53) t-1,3-Dichloropropene	10.496	75	37444	18.556	ug/l	100
54) cis-1,3-Dichloropropene	9.959	75	46819	19.147	ug/l #	83
55) 1,1,2-Trichloroethane	10.673	97	22118	18.584	ug/l	94
56) Ethyl methacrylate	10.539	69	18135	18.006	ug/l #	74
57) 1,3-Dichloropropane	10.819	76	36031	18.795	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.813	63	53450	85.821	ug/l #	86
59) 2-Hexanone	10.862	43	57762	99.204	ug/l	81
60) Dibromochloromethane	11.014	129	29137	18.730	ug/l	99
61) 1,2-Dibromoethane	11.118	107	20283	18.047	ug/l	100
64) Tetrachloroethene	10.752	164	41264	21.228	ug/l	95
65) Chlorobenzene	11.544	112	90613	20.715	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.618	131	33774	20.141	ug/l	99
67) Ethyl Benzene	11.618	91	160872	20.951	ug/l	98
68) m/p-Xylenes	11.727	106	125658	42.286	ug/l	93
69) o-Xylene	12.057	106	56709	20.787	ug/l	96
70) Styrene	12.069	104	80640	20.544	ug/l	97
71) Bromoform	12.233	173	15994	18.466	ug/l #	98
73) Isopropylbenzene	12.355	105	161625	21.846	ug/l	99
74) N-amyl acetate	12.166	43	19350	18.520	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.605	83	21206	19.309	ug/l	100
76) 1,2,3-Trichloropropane	12.660	75	28047	34.128	ug/l #	100
77) Bromobenzene	12.636	156	34724	20.157	ug/l	88
78) n-propylbenzene	12.697	91	185279	21.890	ug/l	98
79) 2-Chlorotoluene	12.782	91	100573	21.364	ug/l	96
80) 1,3,5-Trimethylbenzene	12.837	105	129006	21.692	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.404	75	7088	18.872	ug/l	86
82) 4-Chlorotoluene	12.880	91	102093	21.122	ug/l	96
83) tert-Butylbenzene	13.099	119	114886	21.405	ug/l	96
84) 1,2,4-Trimethylbenzene	13.142	105	123880	21.395	ug/l	98
85) sec-Butylbenzene	13.276	105	162460	21.886	ug/l	99
86) p-Isopropyltoluene	13.392	119	139545	21.758	ug/l	98
87) 1,3-Dichlorobenzene	13.392	146	66440	20.425	ug/l	100
88) 1,4-Dichlorobenzene	13.471	146	64840	20.366	ug/l	99
89) n-Butylbenzene	13.721	91	120540	21.442	ug/l	96
90) Hexachloroethane	13.983	117	26433	21.123	ug/l	95
91) 1,2-Dichlorobenzene	13.764	146	54735	19.855	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.379	75	2797	18.104	ug/l	86
93) 1,2,4-Trichlorobenzene	15.032	180	26961	18.288	ug/l	98
94) Hexachlorobutadiene	15.135	225	19429	20.350	ug/l	99
95) Naphthalene	15.263	128	39384	16.730	ug/l	99
96) 1,2,3-Trichlorobenzene	15.452	180	20519	17.779	ug/l	99

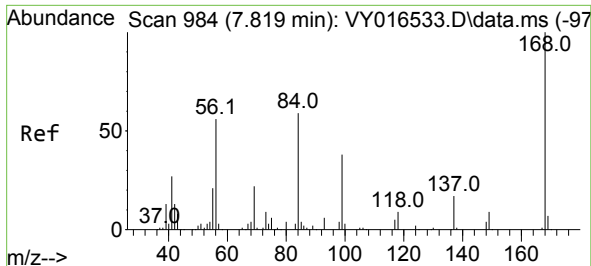
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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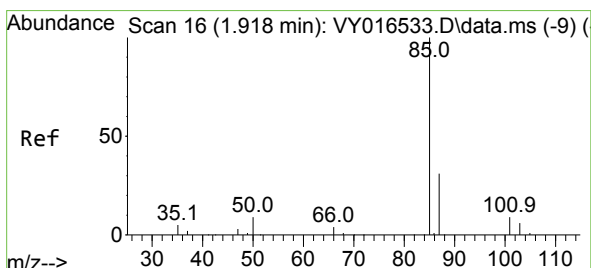
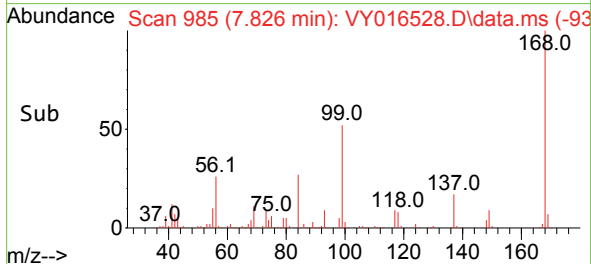
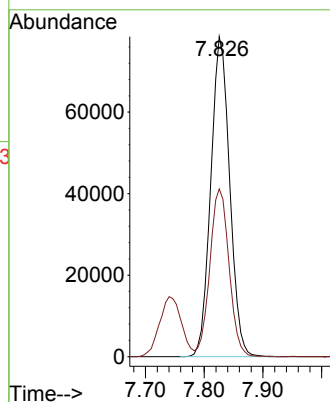
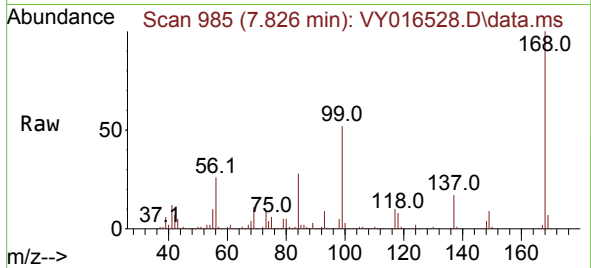
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.826 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY016528.D
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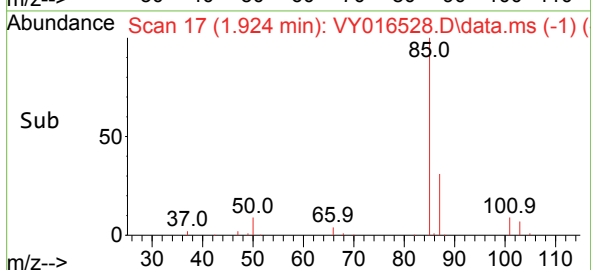
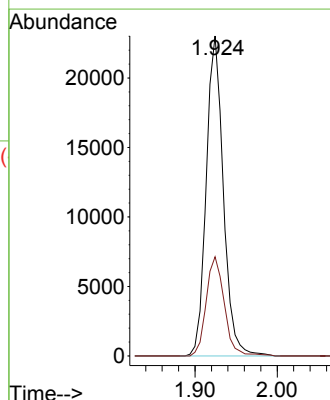
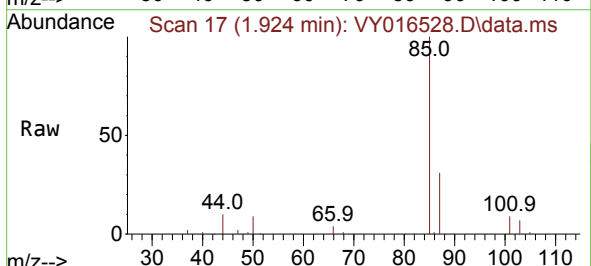
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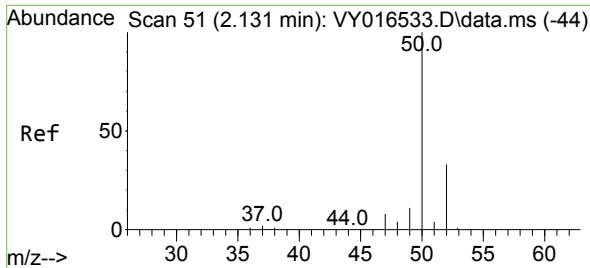
Tgt Ion:168 Resp: 175346
Ion Ratio Lower Upper
168 100
99 52.4 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 21.807 ug/l
RT: 1.924 min Scan# 17
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Tgt Ion: 85 Resp: 33309
Ion Ratio Lower Upper
85 100
87 31.0 15.6 46.8

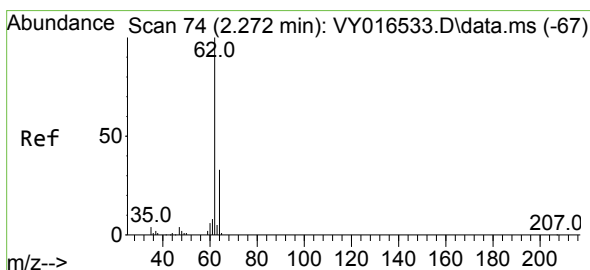
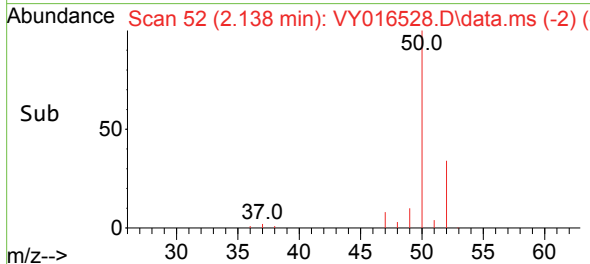
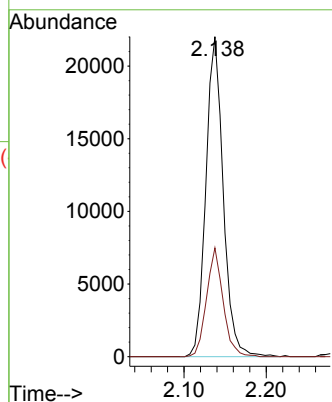
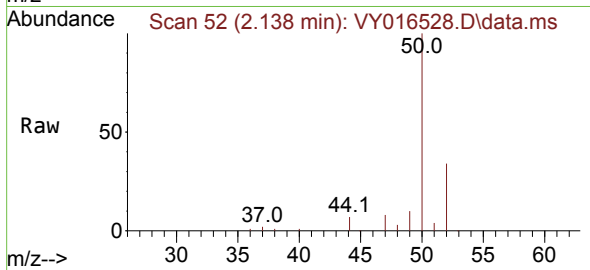




#3
Chloromethane
Concen: 21.200 ug/l
RT: 2.138 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

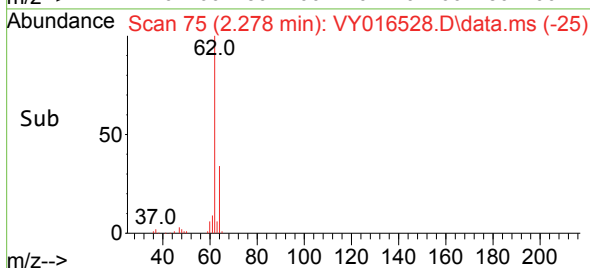
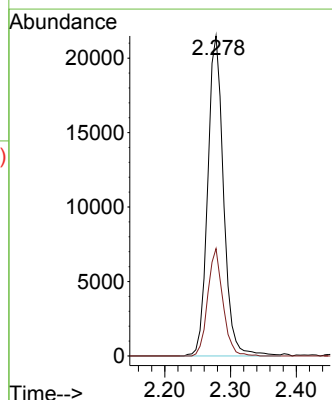
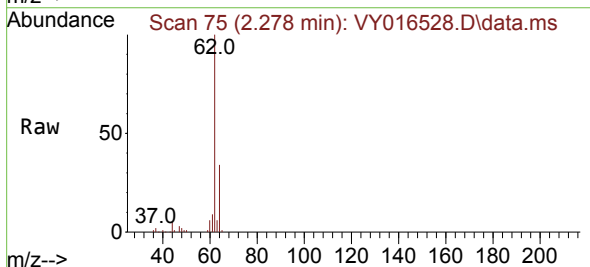
Instrument :
MSVOA_Y
ClientSampleId :

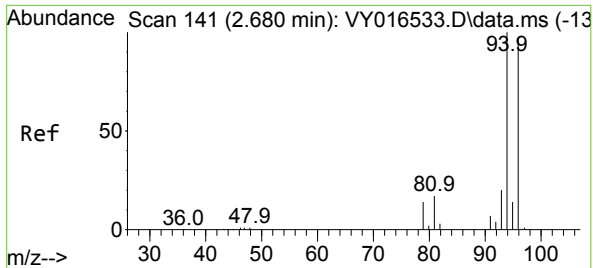
Tgt Ion: 50 Resp: 32302
Ion Ratio Lower Upper
50 100
52 34.0 25.4 38.2



#4
Vinyl Chloride
Concen: 20.944 ug/l
RT: 2.278 min Scan# 75
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Tgt Ion: 62 Resp: 36018
Ion Ratio Lower Upper
62 100
64 33.5 24.3 36.5

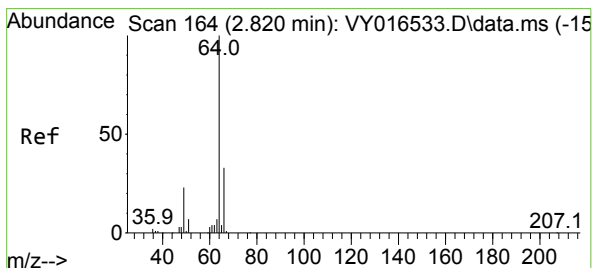
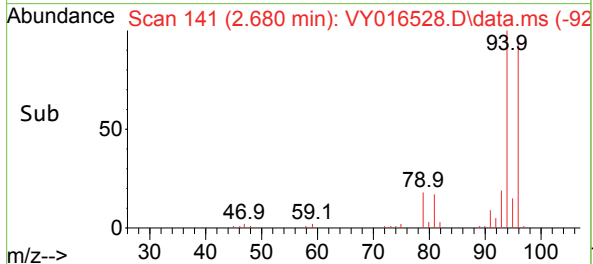
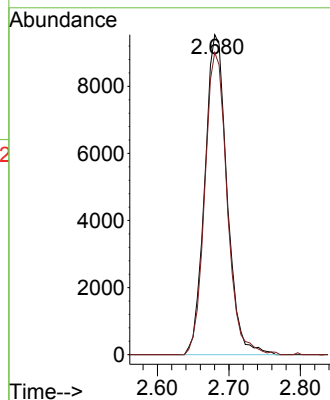
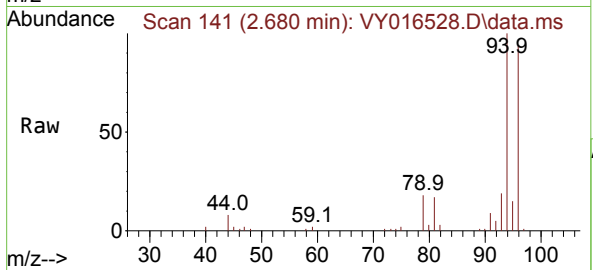




#5
Bromomethane
Concen: 18.554 ug/l
RT: 2.680 min Scan# 141
Delta R.T. 0.000 min
Lab File: VY016528.D
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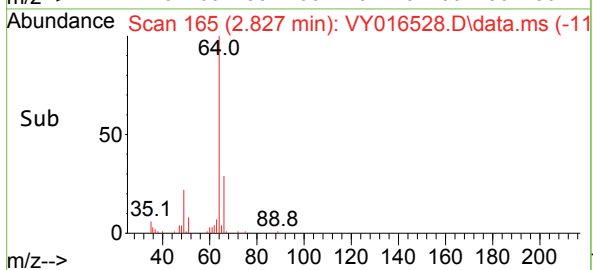
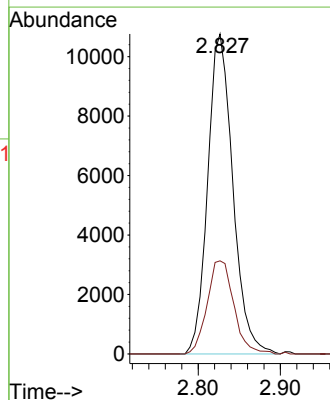
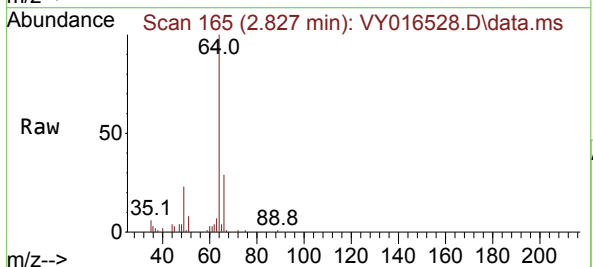
Instrument :
MSVOA_Y
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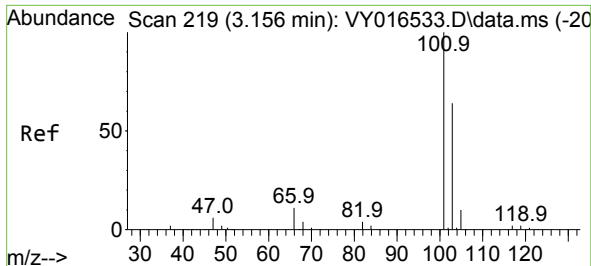
Tgt Ion: 94 Resp: 20655
Ion Ratio Lower Upper
94 100
96 94.5 75.8 113.6



#6
Chloroethane
Concen: 20.582 ug/l
RT: 2.827 min Scan# 165
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

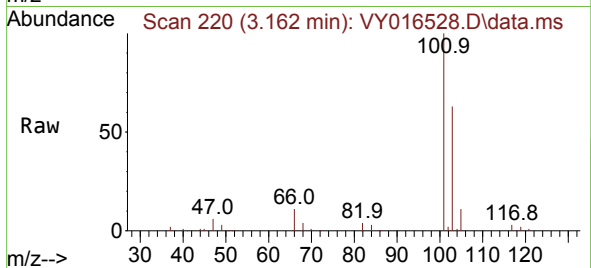
Tgt Ion: 64 Resp: 22851
Ion Ratio Lower Upper
64 100
66 29.1 24.4 36.6



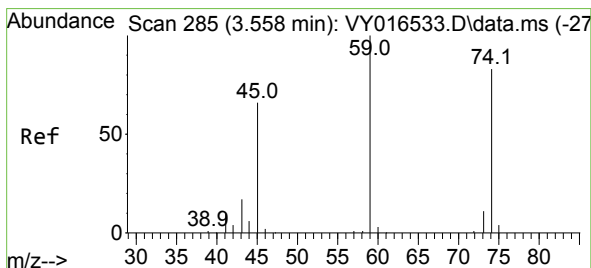
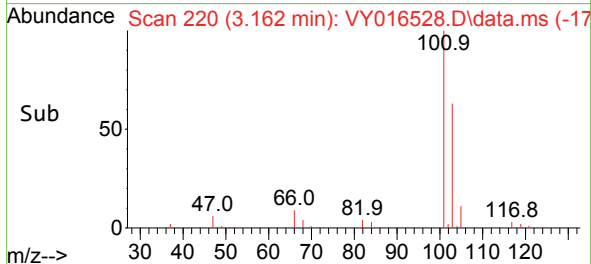
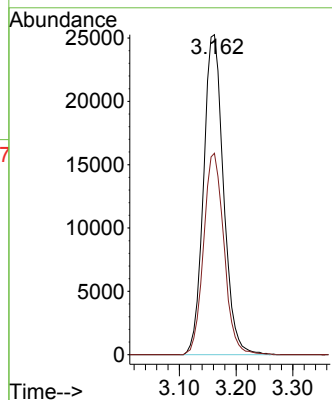


#7
 Trichlorofluoromethane
 Concen: 20.743 ug/l
 RT: 3.162 min Scan# 219
 Delta R.T. 0.006 min
 Lab File: VY016528.D
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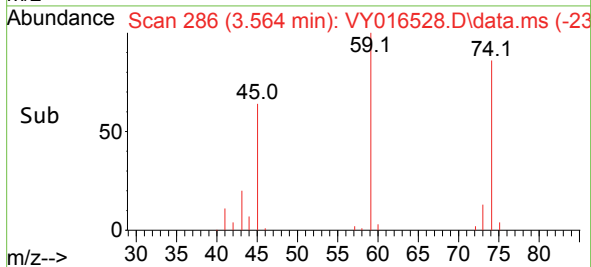
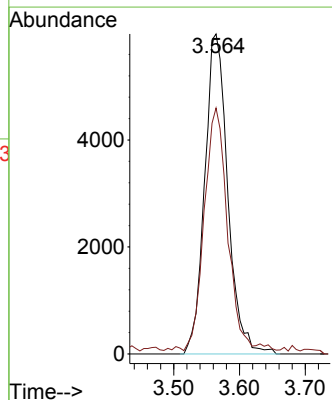
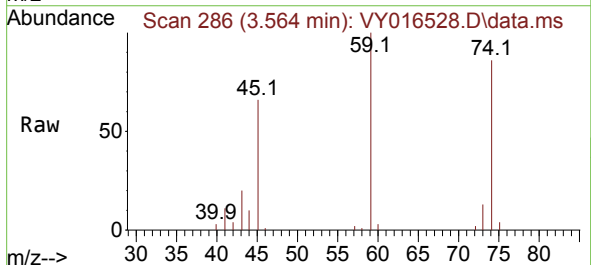


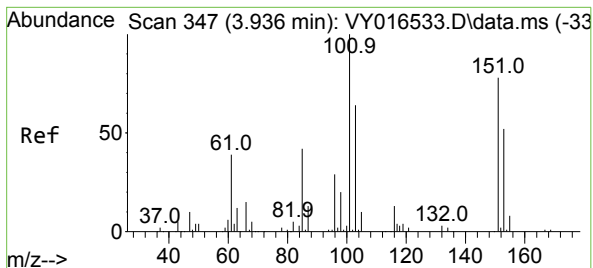
Tgt Ion:101 Resp: 61756
 Ion Ratio Lower Upper
 101 100
 103 63.0 51.4 77.0



#8
 Diethyl Ether
 Concen: 18.502 ug/l
 RT: 3.564 min Scan# 286
 Delta R.T. 0.006 min
 Lab File: VY016528.D
 Acq: 29 Nov 2023 09:33

Tgt Ion: 74 Resp: 14631
 Ion Ratio Lower Upper
 74 100
 45 75.9 51.5 154.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.650 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

Instrument :

MSVOA_Y

ClientSampleId :

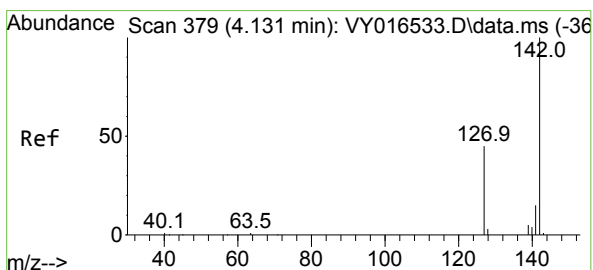
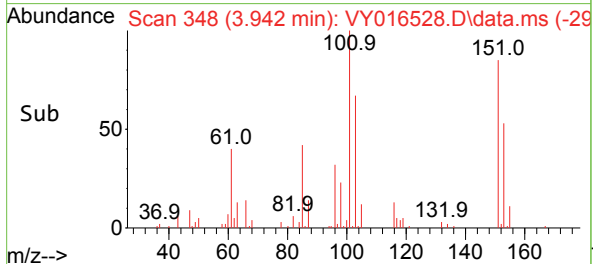
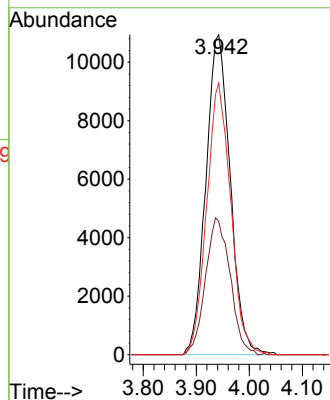
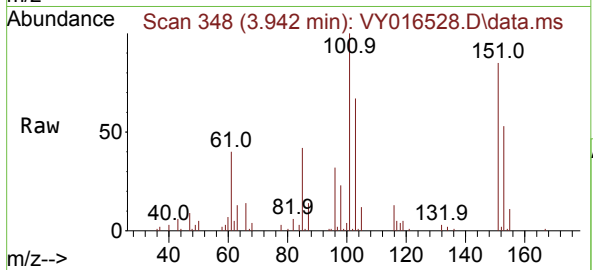
Tgt Ion:101 Resp: 34900

Ion Ratio Lower Upper

101 100

85 43.3 36.6 55.0

151 84.0 67.0 100.6



#10

Methyl Iodide

Concen: 20.425 ug/l

RT: 4.137 min Scan# 380

Delta R.T. 0.006 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

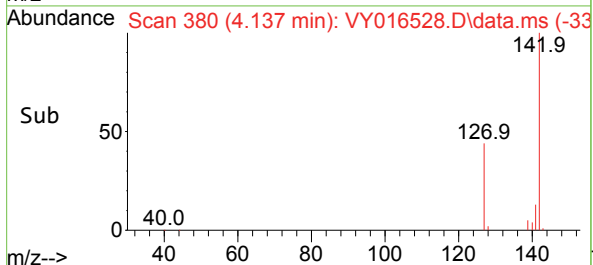
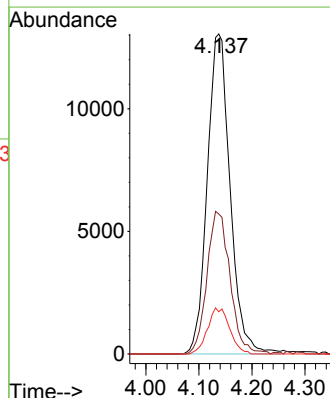
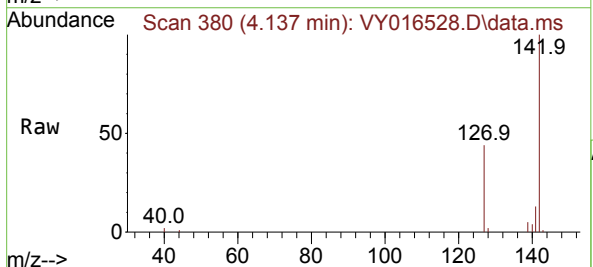
Tgt Ion:142 Resp: 39053

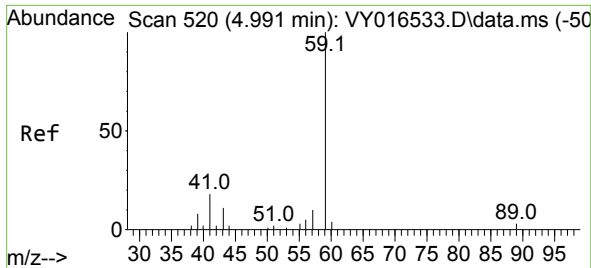
Ion Ratio Lower Upper

142 100

127 44.9 37.6 56.4

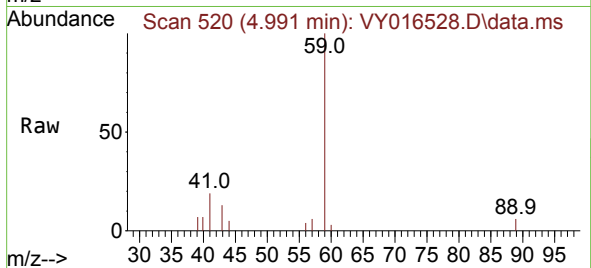
141 13.9 11.8 17.8



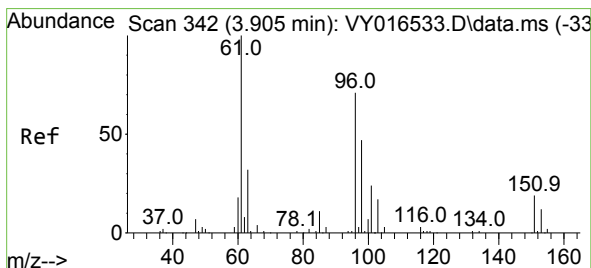
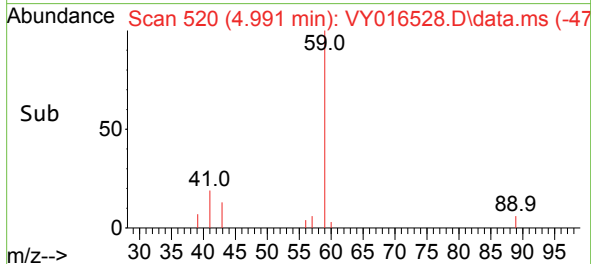
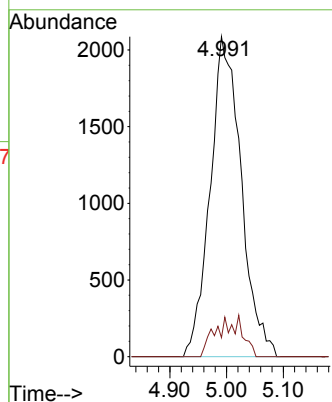


#11
Tert butyl alcohol
Concen: 90.236 ug/l
RT: 4.991 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Instrument :
MSVOA_Y
ClientSampleId :

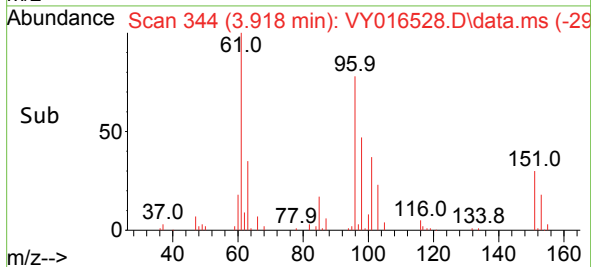
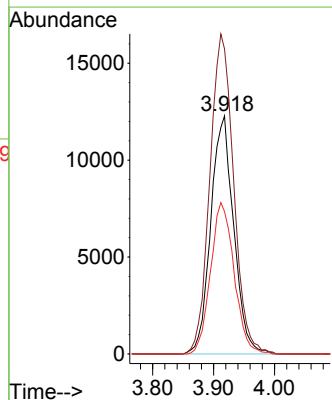
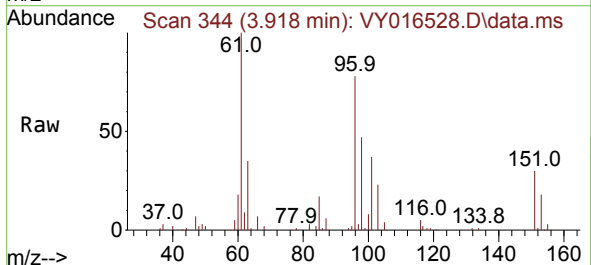


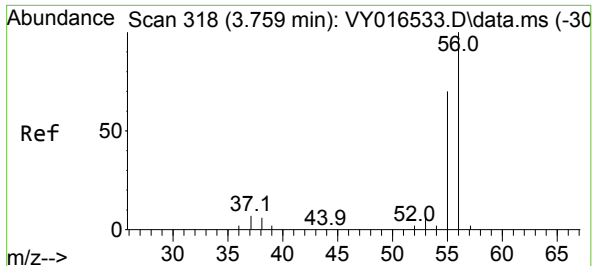
Tgt Ion: 59 Resp: 7923
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 20.361 ug/l
RT: 3.918 min Scan# 344
Delta R.T. 0.012 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Tgt Ion: 96 Resp: 32160
Ion Ratio Lower Upper
96 100
61 128.2 136.4 204.6#
98 59.8 49.4 74.2





#13

Acrolein

Concen: 79.073 ug/l

RT: 3.765 min Scan# 318

Delta R.T. 0.006 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

Instrument :

MSVOA_Y

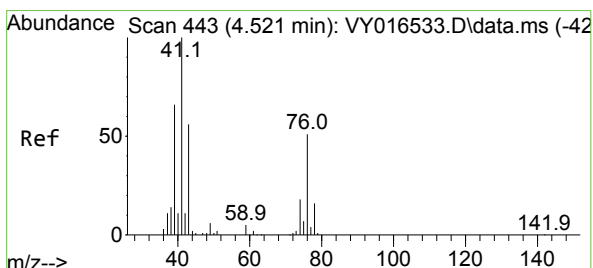
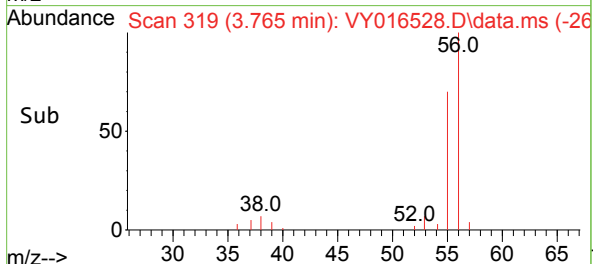
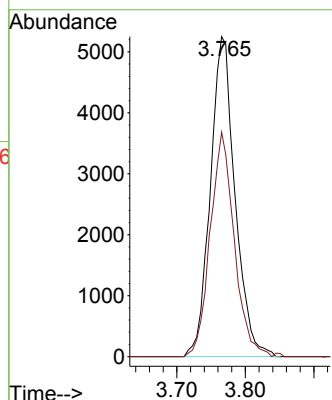
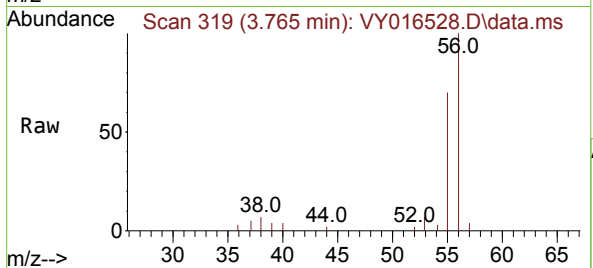
ClientSampleId :

Tgt Ion: 56 Resp: 13156

Ion Ratio Lower Upper

56 100

55 68.2 57.0 85.4



#14

Allyl chloride

Concen: 20.038 ug/l

RT: 4.527 min Scan# 444

Delta R.T. 0.006 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

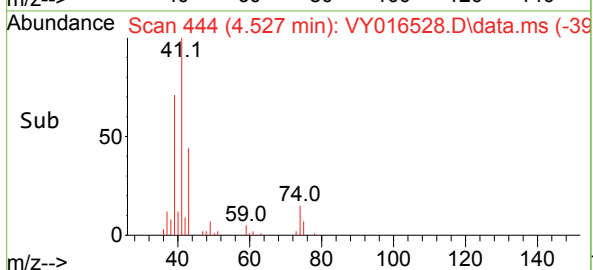
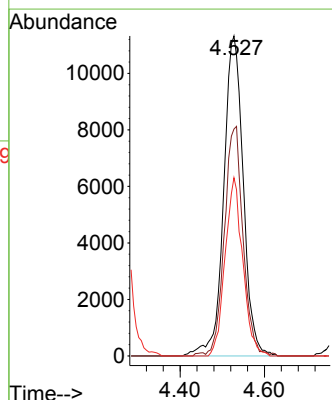
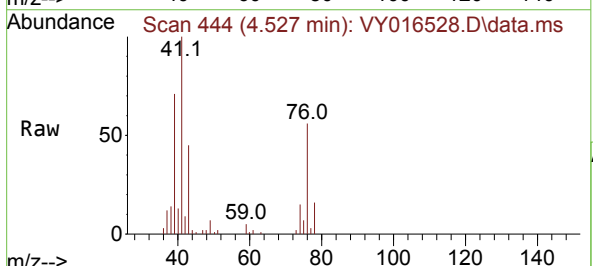
Tgt Ion: 41 Resp: 36385

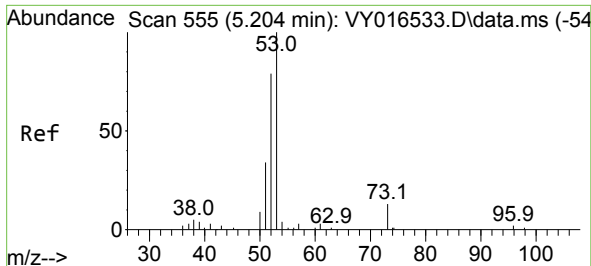
Ion Ratio Lower Upper

41 100

39 68.6 58.0 87.0

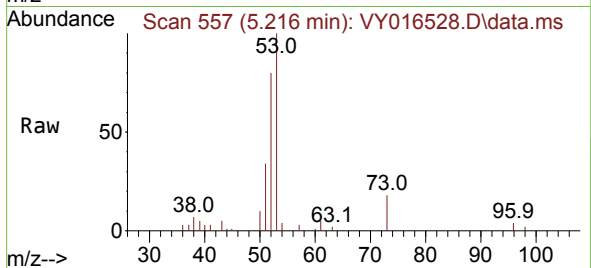
76 50.3 27.4 41.2#



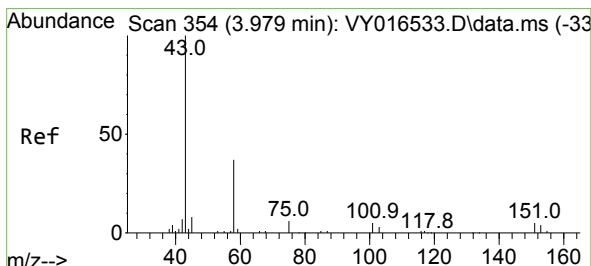
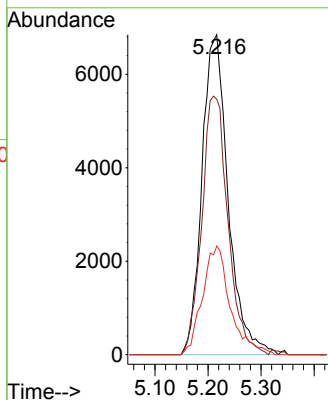
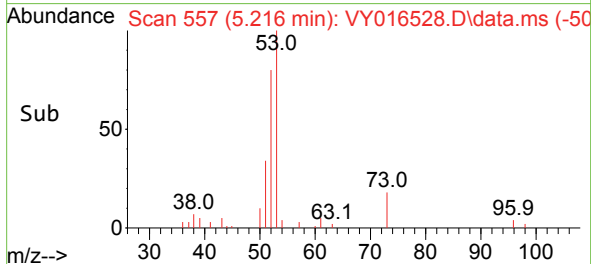


#15
Acrylonitrile
Concen: 84.032 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Instrument :
MSVOA_Y
ClientSampleId :

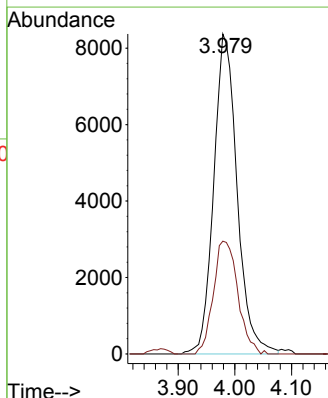
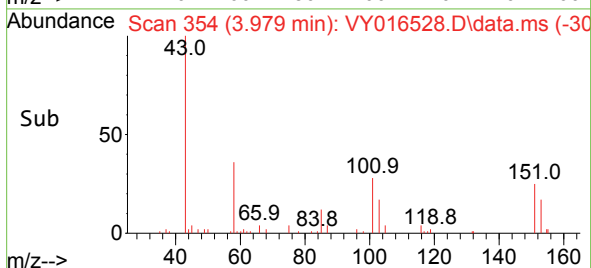
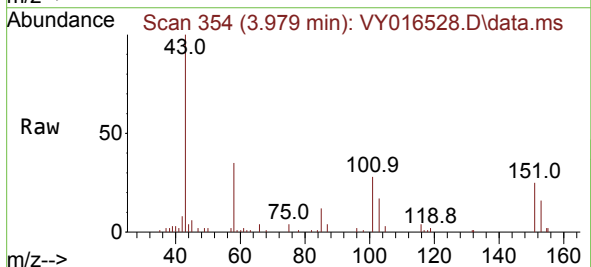


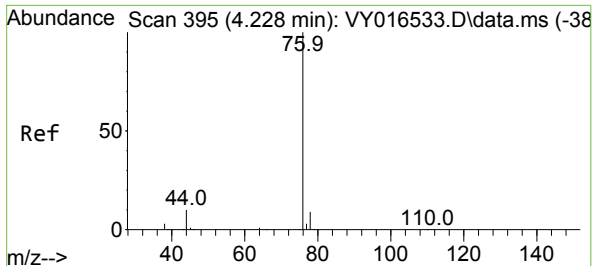
Tgt Ion:	53	Resp:	23514
Ion	Ratio	Lower	Upper
53	100		
52	80.6	66.9	100.3
51	36.0	29.8	44.6



#16
Acetone
Concen: 88.256 ug/l
RT: 3.979 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Tgt Ion:	43	Resp:	23965
Ion	Ratio	Lower	Upper
43	100		
58	35.3	22.7	34.1#





#17

Carbon Disulfide

Concen: 20.590 ug/l

RT: 4.235 min Scan# 395

Delta R.T. 0.006 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

Instrument :

MSVOA_Y

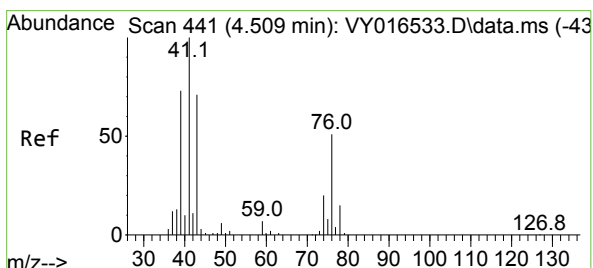
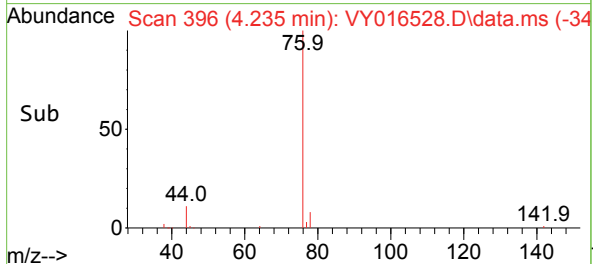
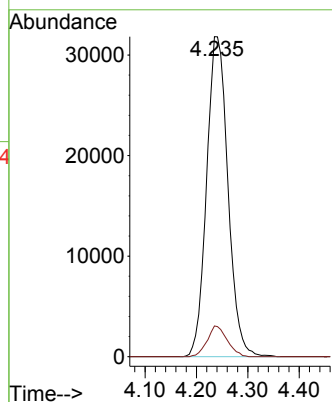
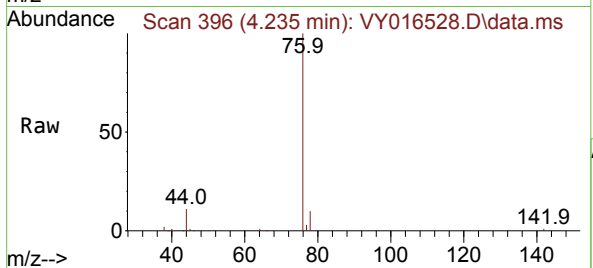
ClientSampleId :

Tgt Ion: 76 Resp: 91753

Ion Ratio Lower Upper

76 100

78 9.6 7.0 10.4



#18

Methyl Acetate

Concen: 16.839 ug/l

RT: 4.515 min Scan# 442

Delta R.T. 0.006 min

Lab File: VY016528.D

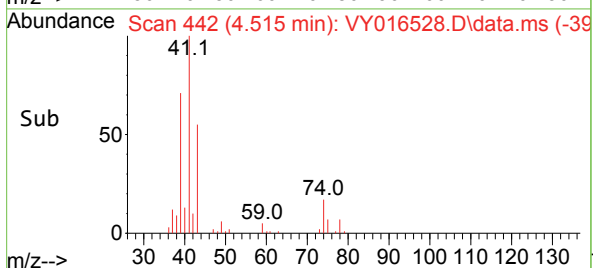
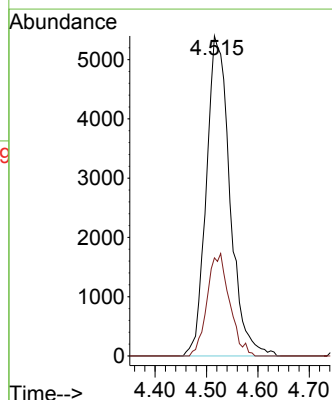
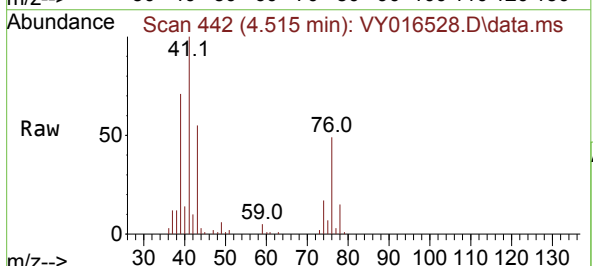
Acq: 29 Nov 2023 09:33

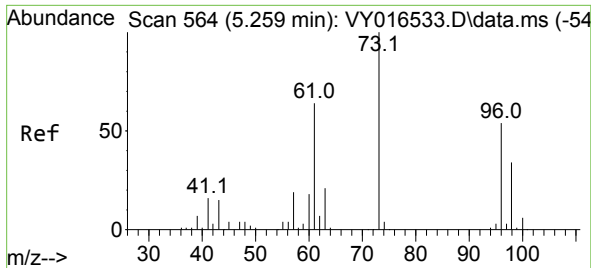
Tgt Ion: 43 Resp: 17267

Ion Ratio Lower Upper

43 100

74 30.4 17.4 26.0#

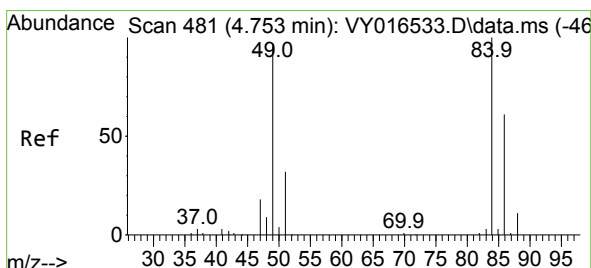
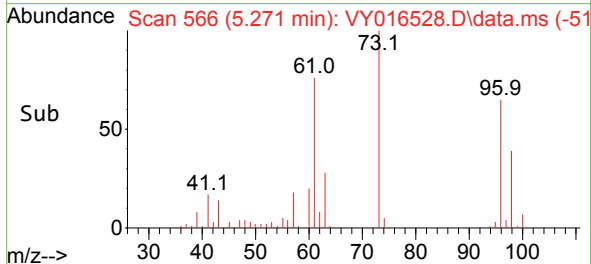
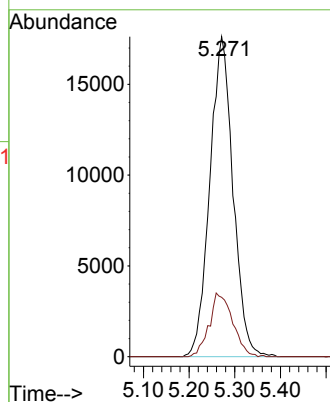
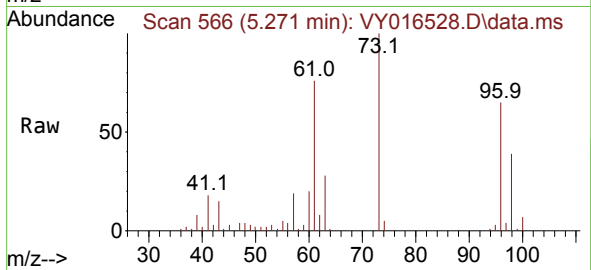




#19
Methyl tert-butyl Ether
Concen: 18.086 ug/l
RT: 5.271 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

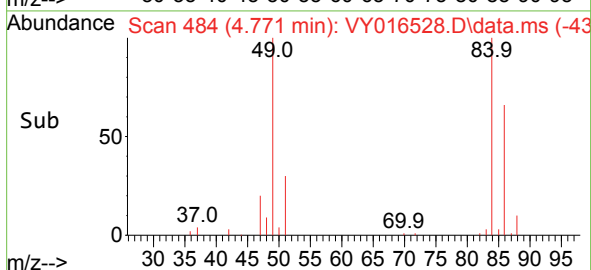
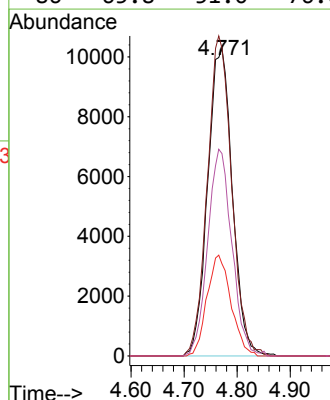
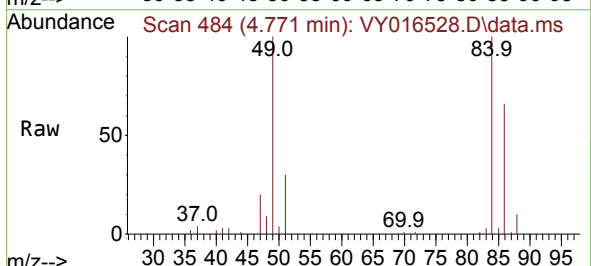
Instrument :
MSVOA_Y
ClientSampleId :

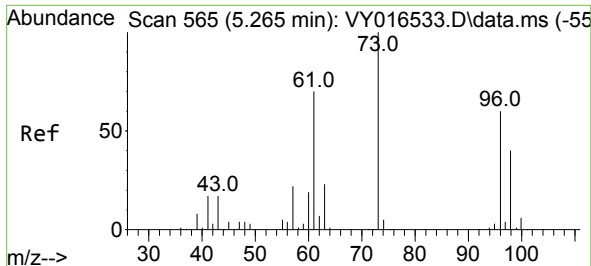
Tgt Ion: 73 Resp: 62254
Ion Ratio Lower Upper
73 100
57 18.6 17.3 25.9



#20
Methylene Chloride
Concen: 18.854 ug/l
RT: 4.771 min Scan# 484
Delta R.T. 0.018 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Tgt Ion: 84 Resp: 33255
Ion Ratio Lower Upper
84 100
49 100.1 106.9 160.3#
51 29.9 33.2 49.8#
86 65.8 51.0 76.6

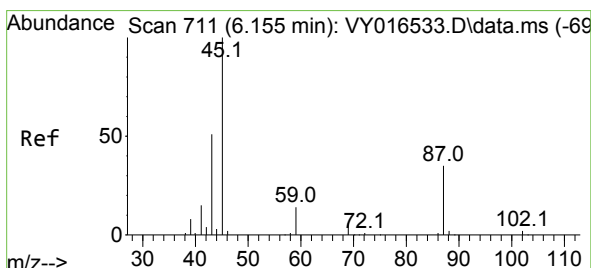
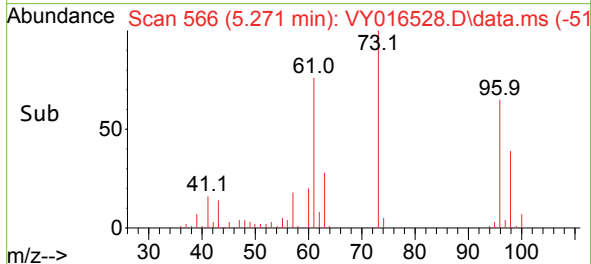
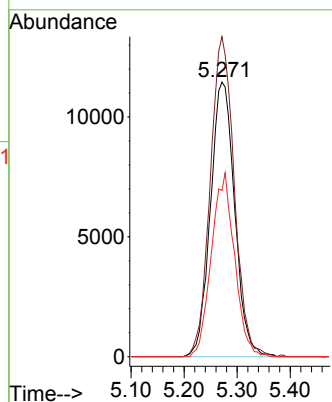
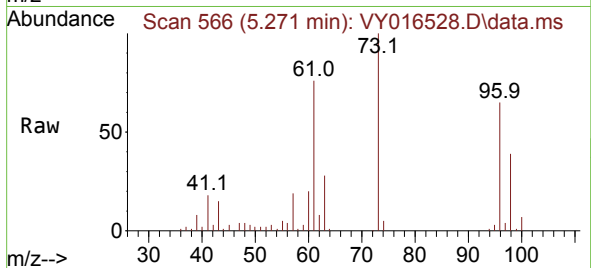




#21
trans-1,2-Dichloroethene
Concen: 20.663 ug/l
RT: 5.271 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

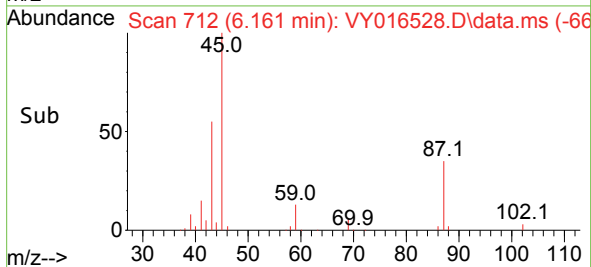
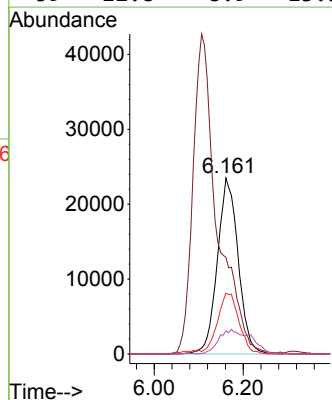
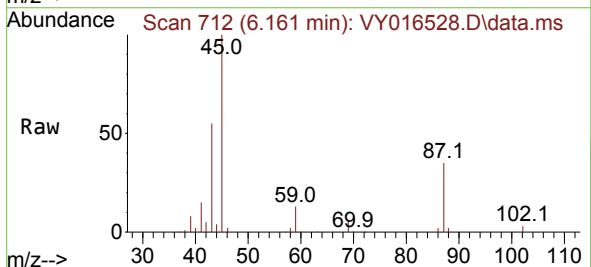
Instrument :
MSVOA_Y
ClientSampleId :

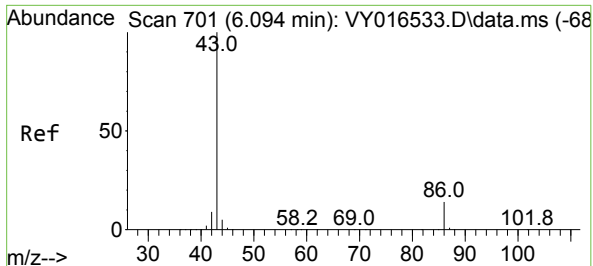
Tgt Ion: 96 Resp: 36350
Ion Ratio Lower Upper
96 100
61 116.5 110.2 165.4
98 60.5 51.8 77.6



#22
Diisopropyl ether
Concen: 20.020 ug/l
RT: 6.161 min Scan# 712
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Tgt Ion: 45 Resp: 76226
Ion Ratio Lower Upper
45 100
43 53.9 52.2 78.4
87 34.6 21.0 31.6#
59 12.8 8.9 13.3

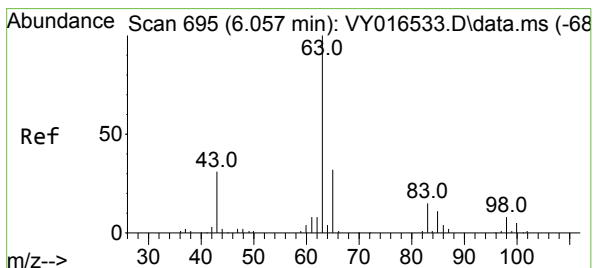
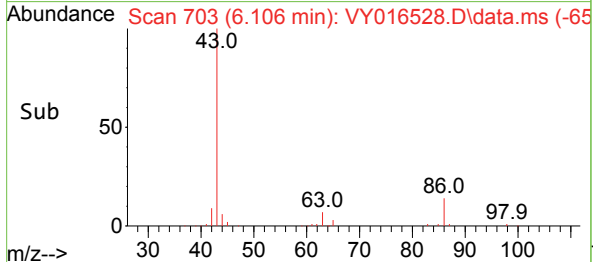
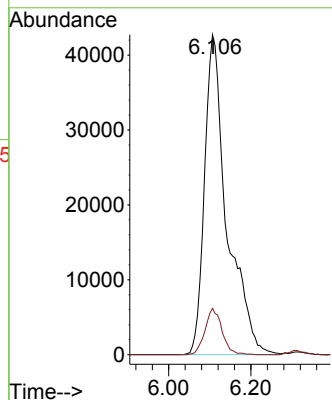
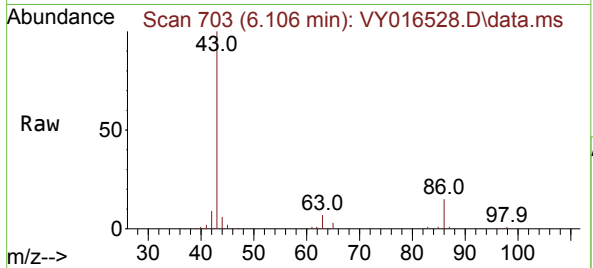




#23
 Vinyl Acetate
 Concen: 92.205 ug/l
 RT: 6.106 min Scan# 701
 Delta R.T. 0.012 min
 Lab File: VY016528.D
 Acq: 29 Nov 2023 09:33

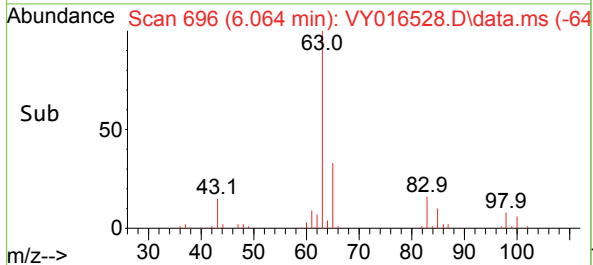
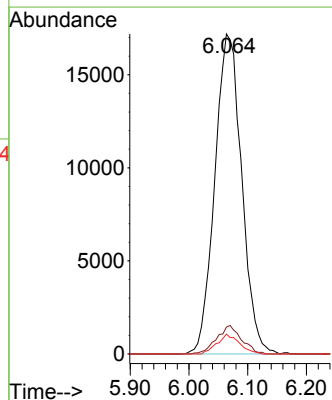
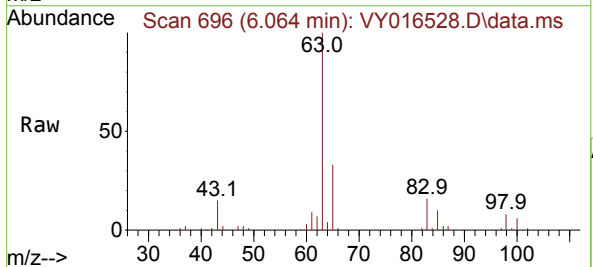
Instrument :
 MSVOA_Y
 ClientSampleId :

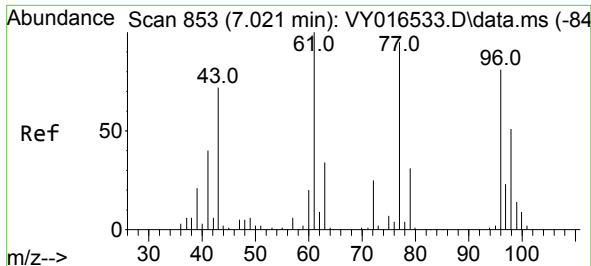
Tgt Ion: 43 Resp: 161895
 Ion Ratio Lower Upper
 43 100
 86 14.5 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 20.321 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY016528.D
 Acq: 29 Nov 2023 09:33

Tgt Ion: 63 Resp: 54603
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.1 9.4
 100 6.2 1.8 5.5#





#25

2-Butanone

Concen: 94.692 ug/l

RT: 7.027 min Scan# 854

Delta R.T. 0.006 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

Instrument :

MSVOA_Y

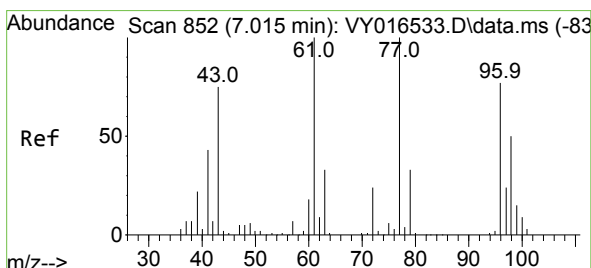
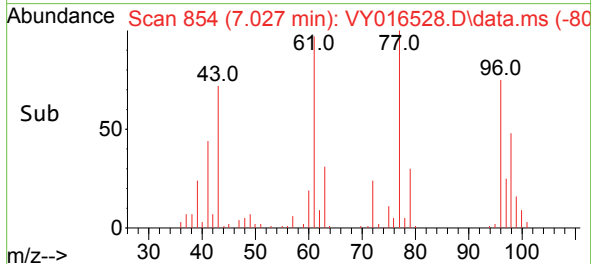
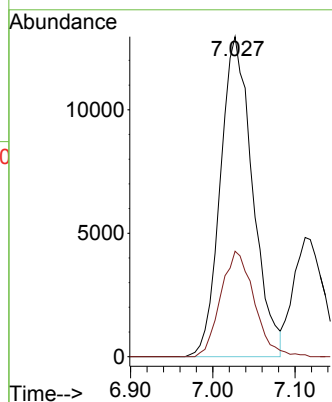
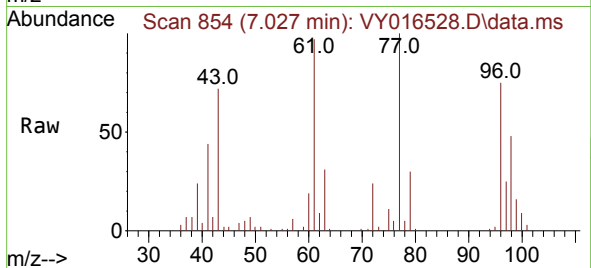
ClientSampleId :

Tgt Ion: 43 Resp: 35392

Ion Ratio Lower Upper

43 100

72 32.9 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 20.415 ug/l

RT: 7.027 min Scan# 854

Delta R.T. 0.012 min

Lab File: VY016528.D

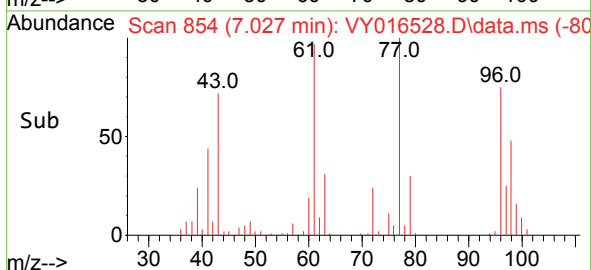
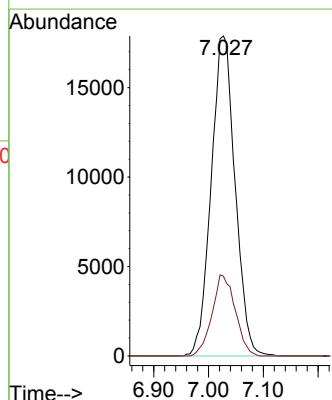
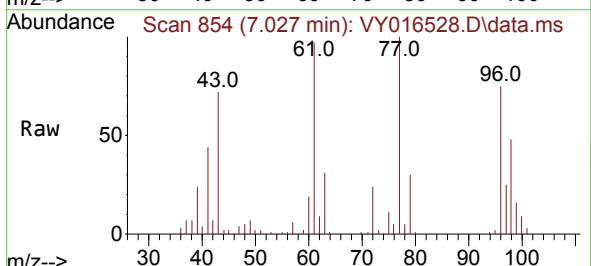
Acq: 29 Nov 2023 09:33

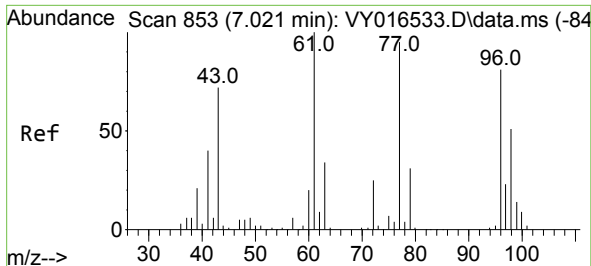
Tgt Ion: 77 Resp: 54217

Ion Ratio Lower Upper

77 100

97 24.6 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.634 ug/l

RT: 7.027 min Scan# 854

Delta R.T. 0.006 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

Instrument :

MSVOA_Y

ClientSampleId :

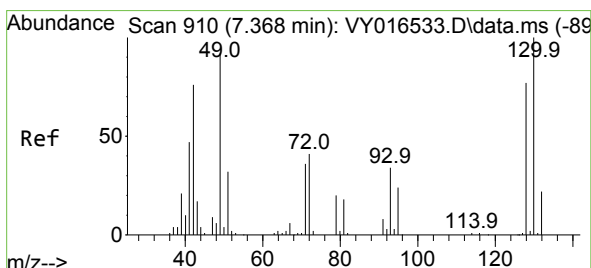
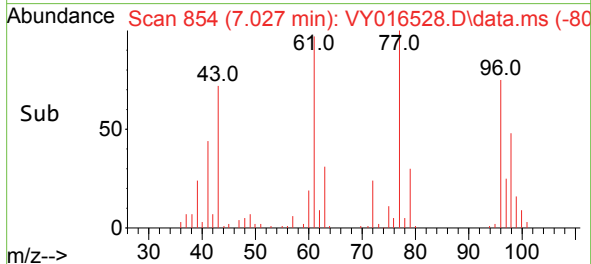
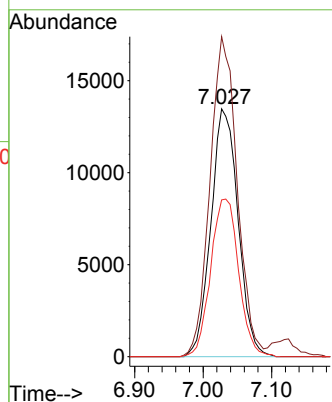
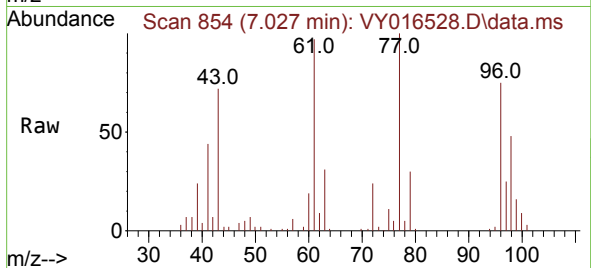
Tgt Ion: 96 Resp: 37108

Ion Ratio Lower Upper

96 100

61 129.0 0.0 301.4

98 65.6 0.0 130.4



#28

Bromochloromethane

Concen: 18.630 ug/l

RT: 7.375 min Scan# 911

Delta R.T. 0.006 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

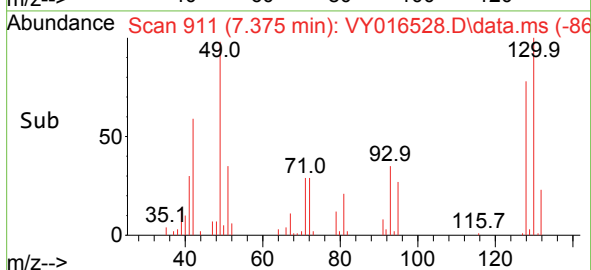
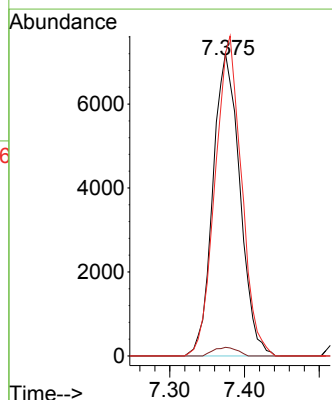
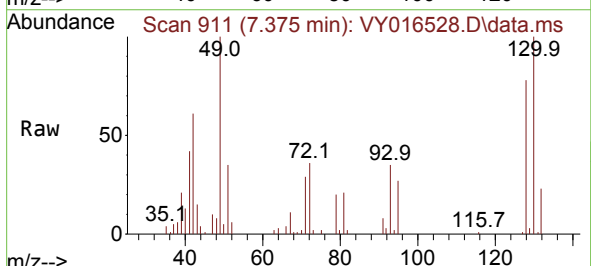
Tgt Ion: 49 Resp: 18092

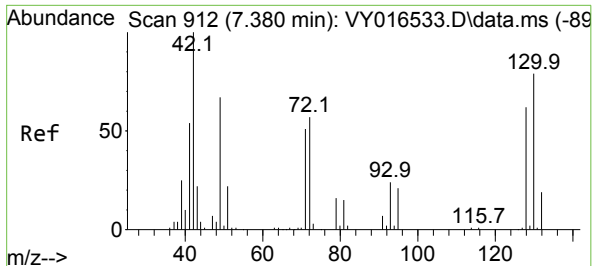
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 103.5 60.7 91.1#





#29

Tetrahydrofuran

Concen: 86.852 ug/l

RT: 7.393 min Scan# 912

Delta R.T. 0.012 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

Instrument :

MSVOA_Y

ClientSampleId :

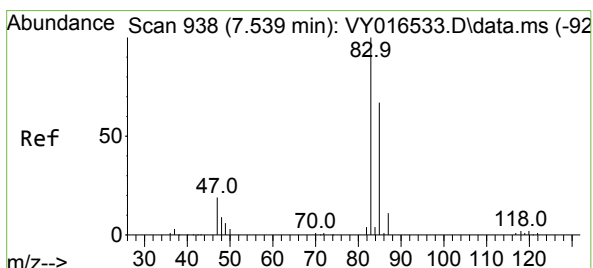
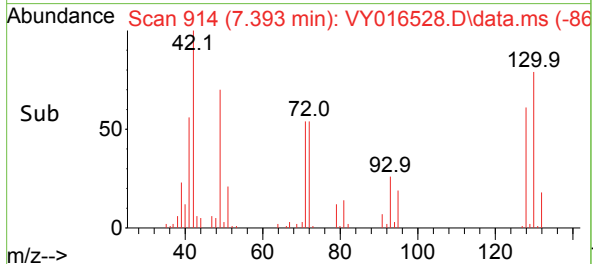
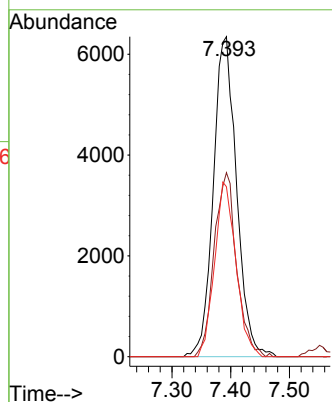
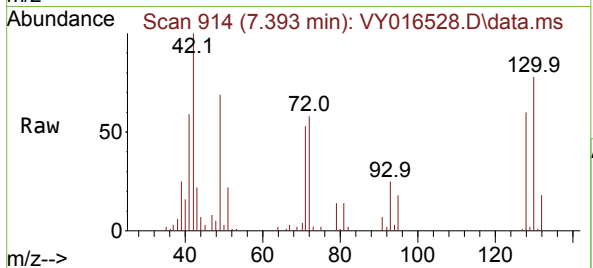
Tgt Ion: 42 Resp: 17439

Ion Ratio Lower Upper

42 100

72 55.4 32.8 49.2#

71 50.2 31.0 46.4#



#30

Chloroform

Concen: 20.014 ug/l

RT: 7.545 min Scan# 939

Delta R.T. 0.006 min

Lab File: VY016528.D

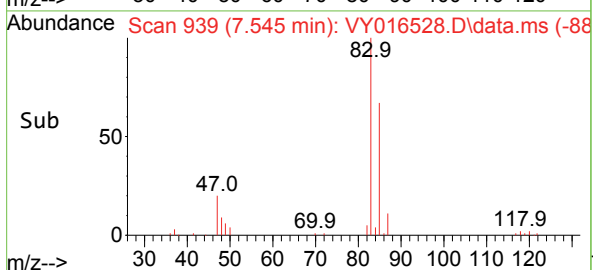
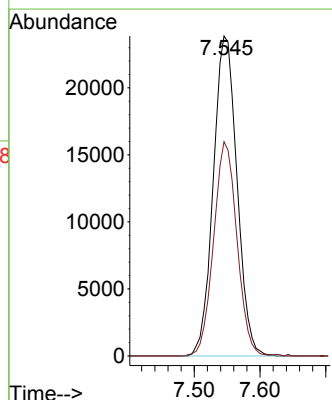
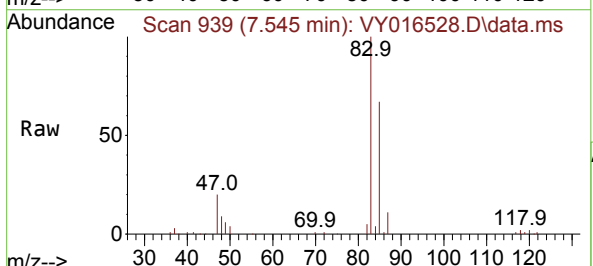
Acq: 29 Nov 2023 09:33

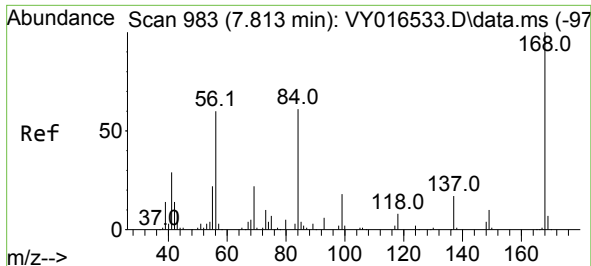
Tgt Ion: 83 Resp: 59941

Ion Ratio Lower Upper

83 100

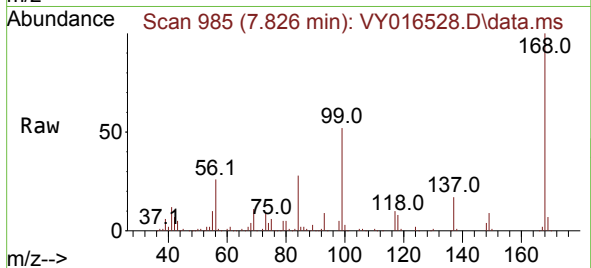
85 67.0 49.7 74.5



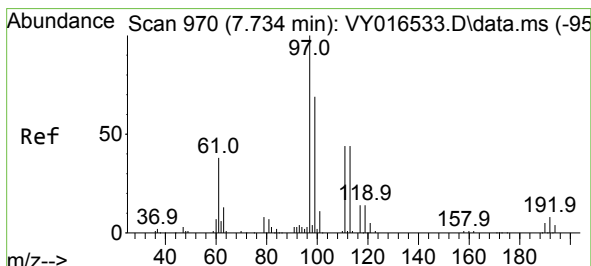
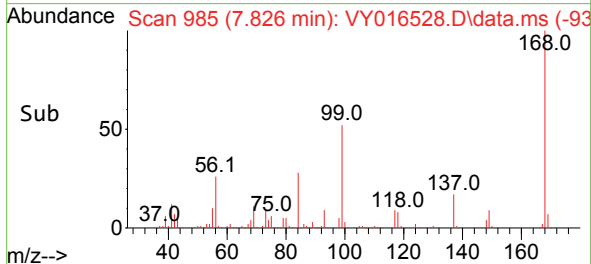
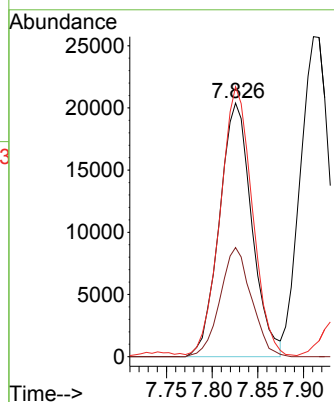


#31
Cyclohexane
Concen: 20.784 ug/l
RT: 7.826 min Scan# 985
Delta R.T. 0.012 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Instrument :
MSVOA_Y
ClientSampleId :

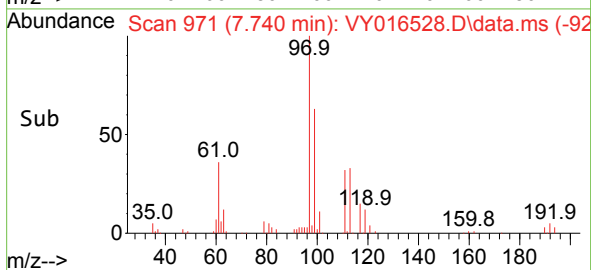
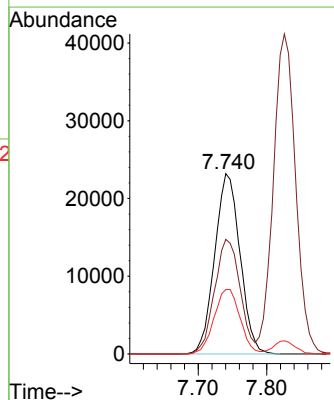
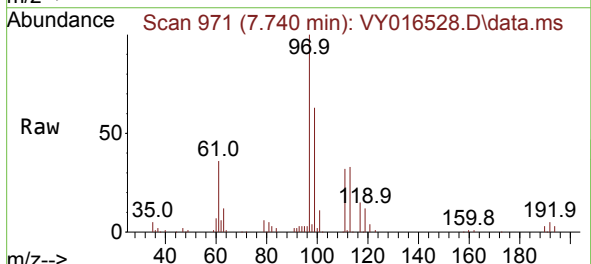


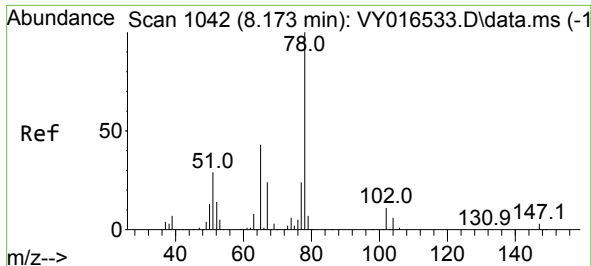
Tgt Ion: 56 Resp: 50546
Ion Ratio Lower Upper
56 100
69 43.0 27.8 41.6#
84 105.2 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 20.485 ug/l
RT: 7.740 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Tgt Ion: 97 Resp: 59453
Ion Ratio Lower Upper
97 100
99 64.4 50.8 76.2
61 36.9 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 17.860 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

Instrument :

MSVOA_Y

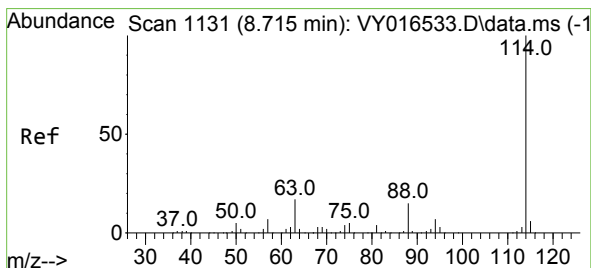
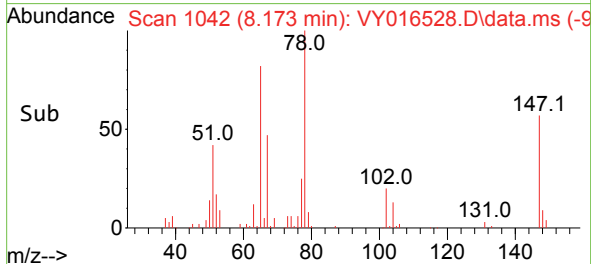
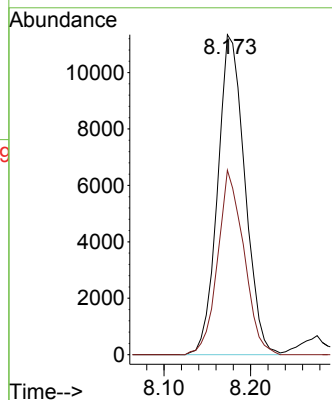
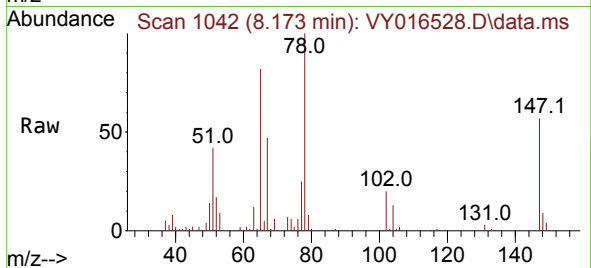
ClientSampleId :

Tgt Ion: 65 Resp: 24741

Ion Ratio Lower Upper

65 100

67 55.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.722 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

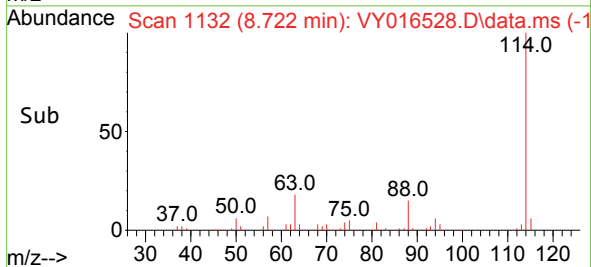
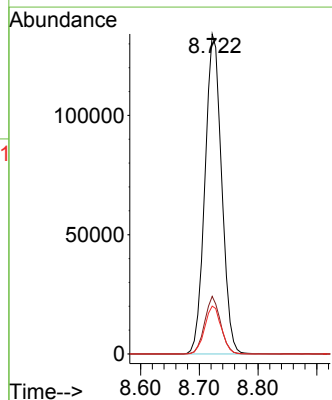
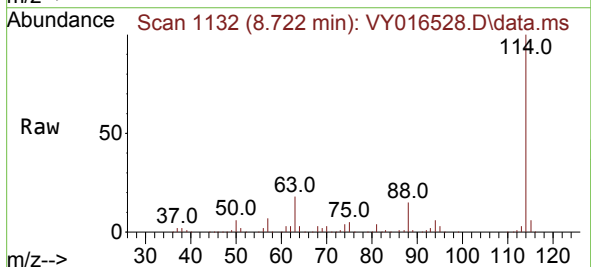
Tgt Ion: 114 Resp: 264525

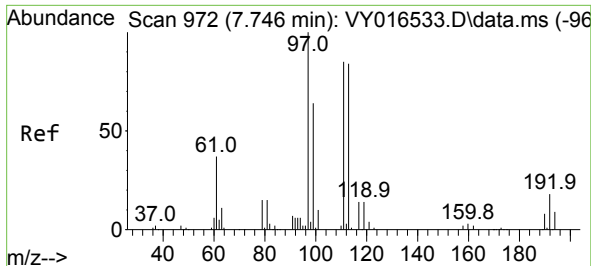
Ion Ratio Lower Upper

114 100

63 18.0 0.0 42.4

88 15.0 0.0 30.6

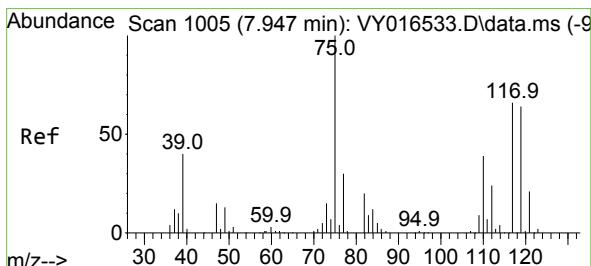
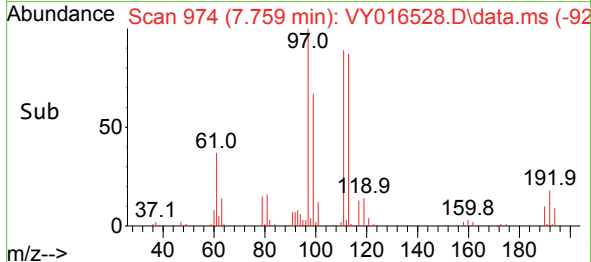
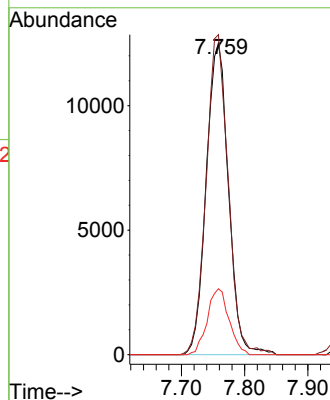
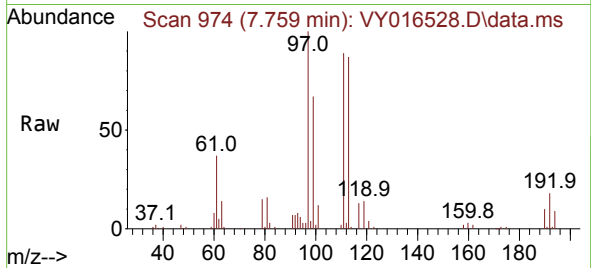




#35
Dibromofluoromethane
Concen: 19.692 ug/l
RT: 7.759 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

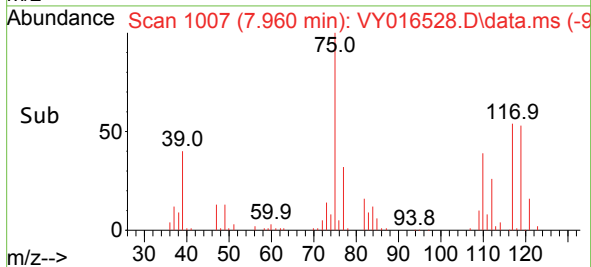
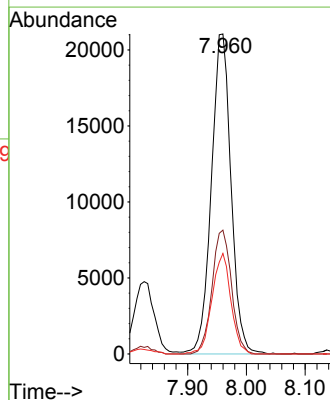
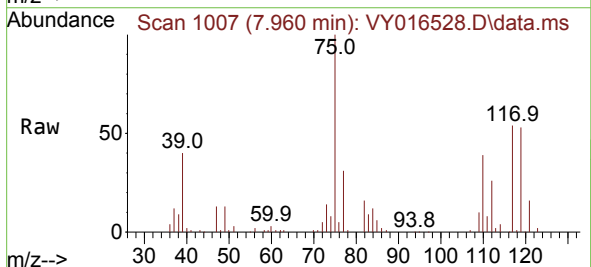
Instrument :
MSVOA_Y
ClientSampleId :

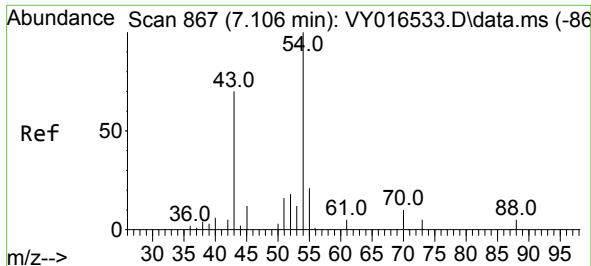
Tgt Ion:113 Resp: 30572
Ion Ratio Lower Upper
113 100
111 101.8 81.3 121.9
192 20.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 21.383 ug/l
RT: 7.960 min Scan# 1007
Delta R.T. 0.012 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Tgt Ion: 75 Resp: 49024
Ion Ratio Lower Upper
75 100
110 38.2 17.8 53.5
77 30.1 24.4 36.6





#37

Ethyl Acetate

Concen: 18.483 ug/l

RT: 7.112 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

Instrument :

MSVOA_Y

ClientSampleId :

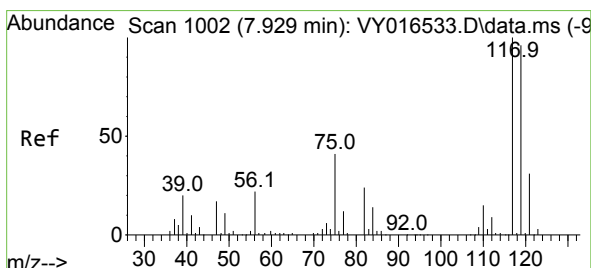
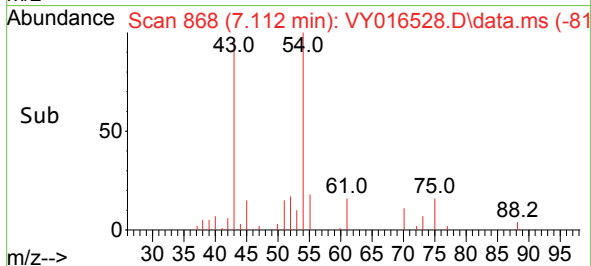
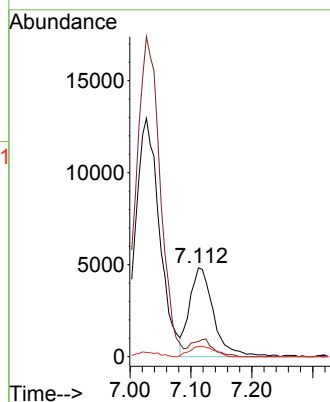
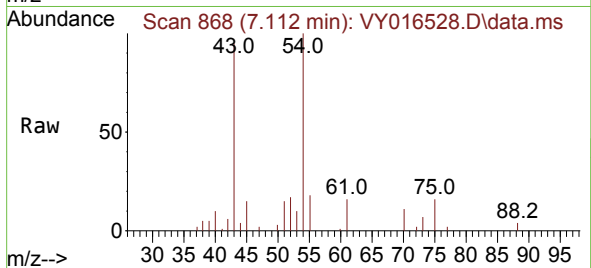
Tgt Ion: 43 Resp: 13281

Ion Ratio Lower Upper

43 100

61 18.5 10.1 15.1#

70 12.1 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 21.048 ug/l

RT: 7.941 min Scan# 1004

Delta R.T. 0.012 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

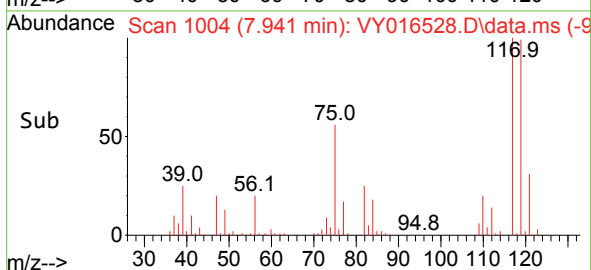
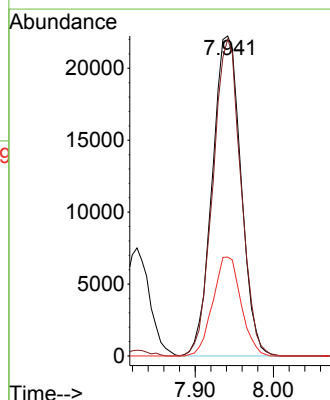
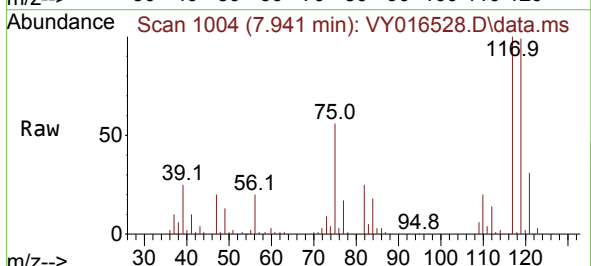
Tgt Ion: 117 Resp: 56638

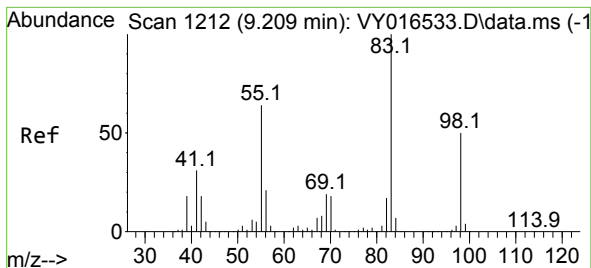
Ion Ratio Lower Upper

117 100

119 99.0 76.4 114.6

121 30.9 25.8 38.6





#39

Methylcyclohexane

Concen: 20.721 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

Instrument :

MSVOA_Y

ClientSampleId :

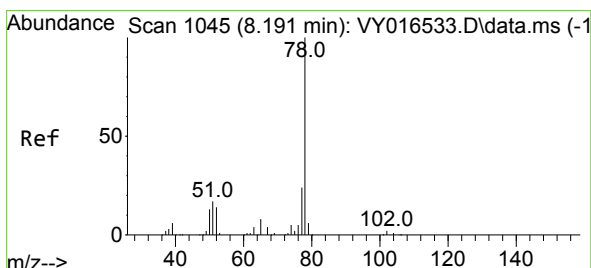
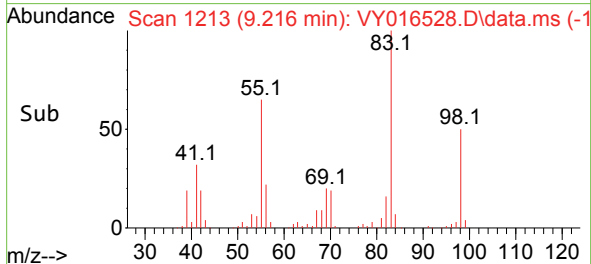
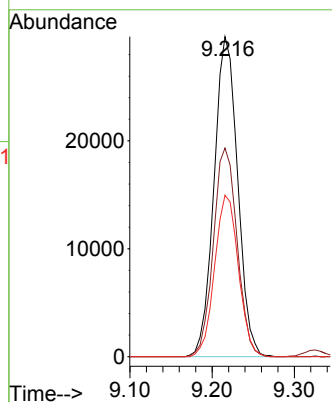
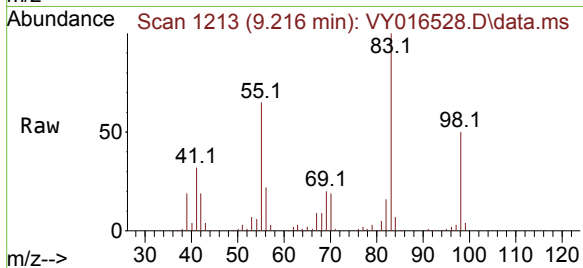
Tgt Ion: 83 Resp: 59253

Ion Ratio Lower Upper

83 100

55 65.2 63.0 94.4

98 50.4 37.4 56.2



#40

Benzene

Concen: 20.680 ug/l

RT: 8.198 min Scan# 1046

Delta R.T. 0.006 min

Lab File: VY016528.D

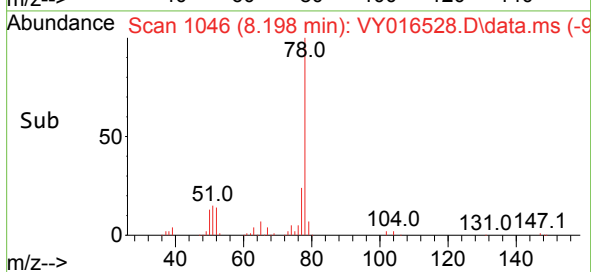
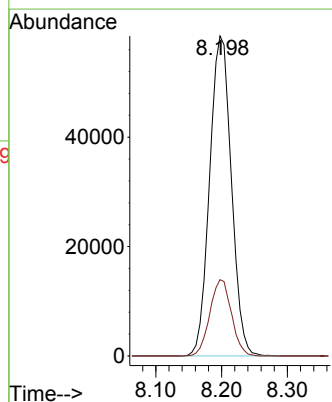
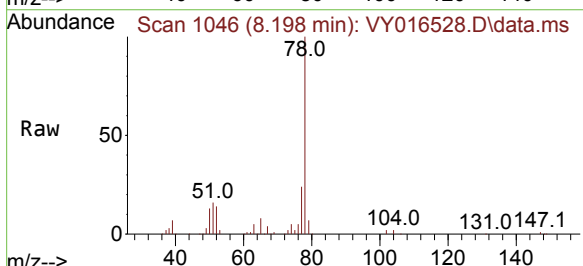
Acq: 29 Nov 2023 09:33

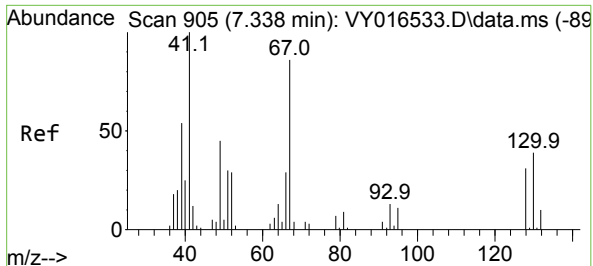
Tgt Ion: 78 Resp: 134424

Ion Ratio Lower Upper

78 100

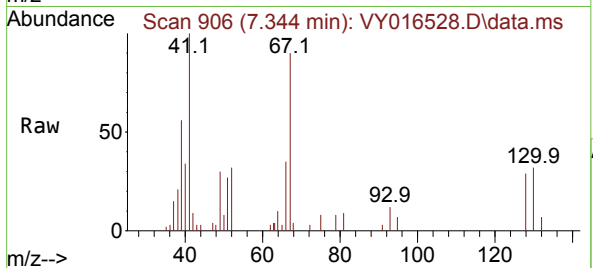
77 23.8 19.0 28.6



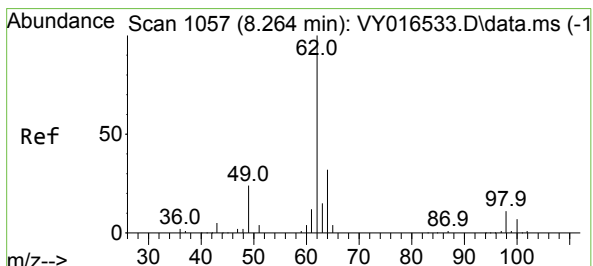
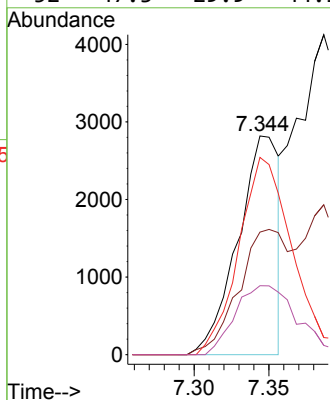
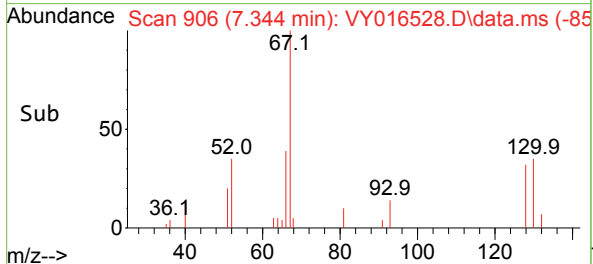


#41
Methacrylonitrile
Concen: 13.644 ug/l
RT: 7.344 min Scan# 905
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Instrument :
MSVOA_Y
ClientSampleId :

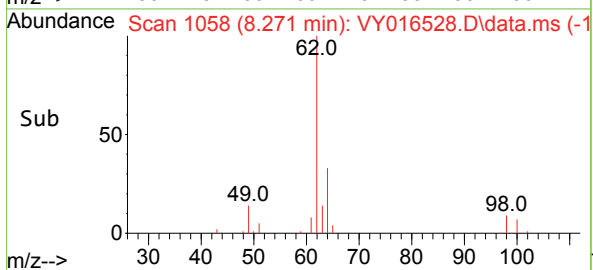
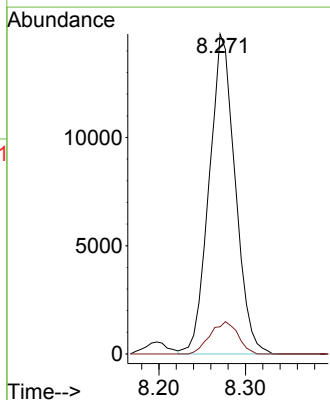
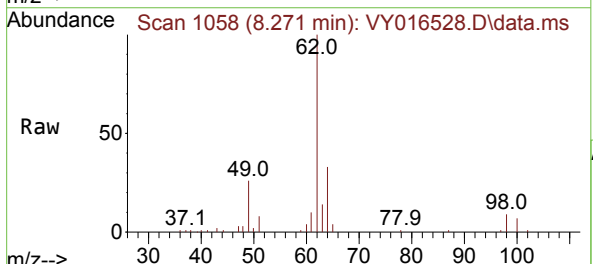


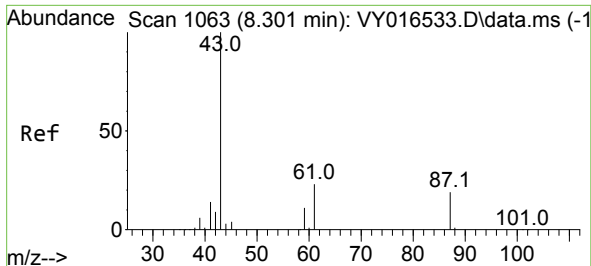
Tgt Ion: 41 Resp: 5420
Ion Ratio Lower Upper
41 100
39 66.3 52.1 78.1
67 117.8 66.2 99.2#
52 47.3 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 19.130 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Tgt Ion: 62 Resp: 30816
Ion Ratio Lower Upper
62 100
98 10.8 0.0 15.8





#43

Isopropyl Acetate

Concen: 17.679 ug/l

RT: 8.307 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

Instrument :

MSVOA_Y

ClientSampleId :

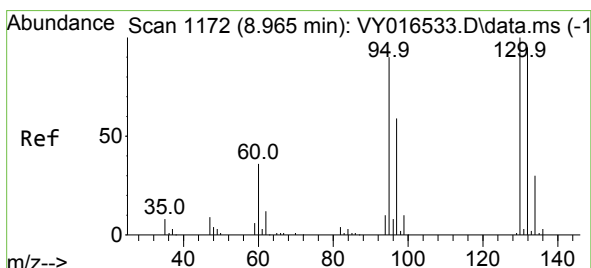
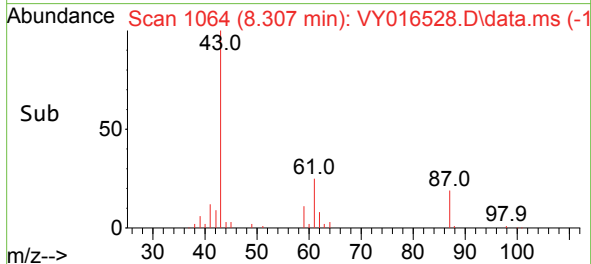
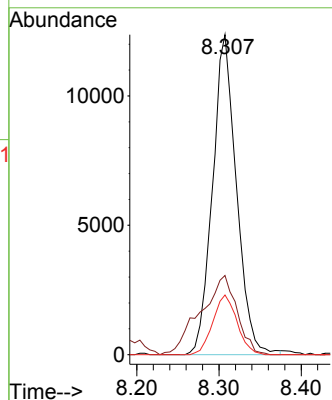
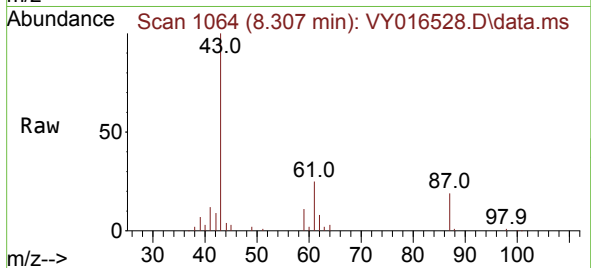
Tgt Ion: 43 Resp: 24980

Ion Ratio Lower Upper

43 100

61 37.7 21.1 31.7#

87 18.9 9.8 14.8#



#44

Trichloroethene

Concen: 20.568 ug/l

RT: 8.972 min Scan# 1173

Delta R.T. 0.006 min

Lab File: VY016528.D

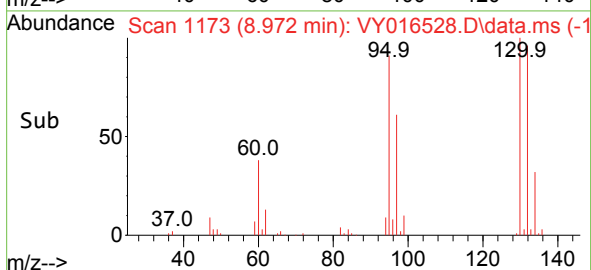
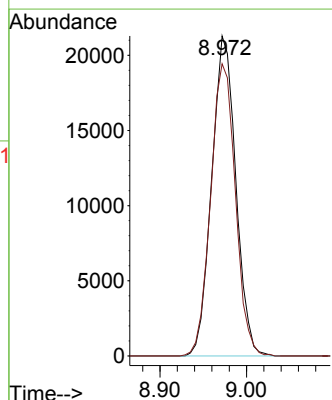
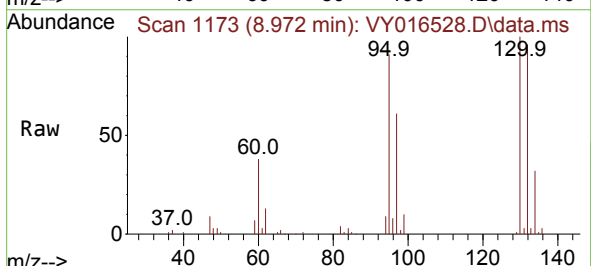
Acq: 29 Nov 2023 09:33

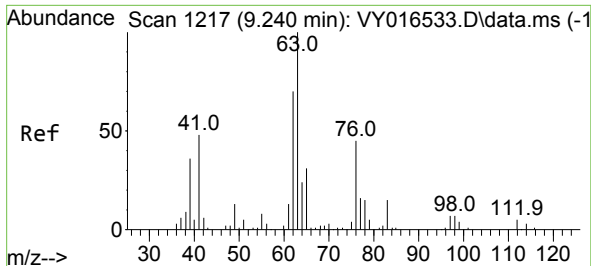
Tgt Ion:130 Resp: 41181

Ion Ratio Lower Upper

130 100

95 91.3 0.0 196.0

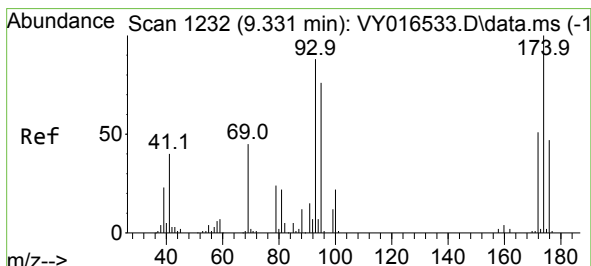
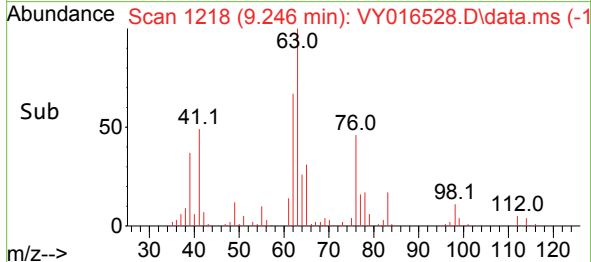
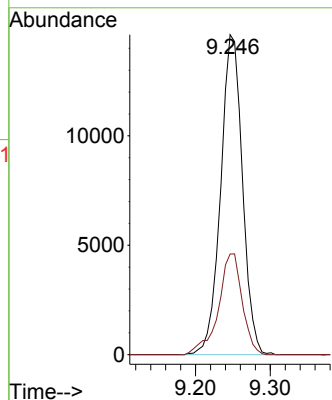
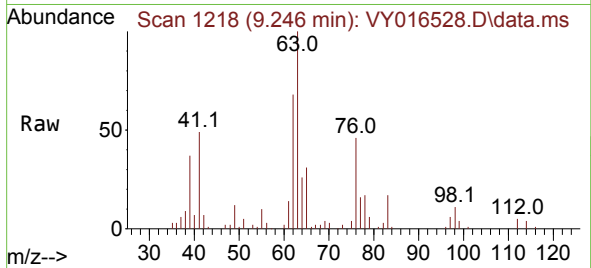




#45
1,2-Dichloropropane
Concen: 20.194 ug/l
RT: 9.246 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

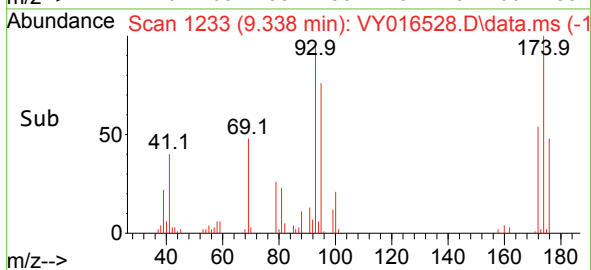
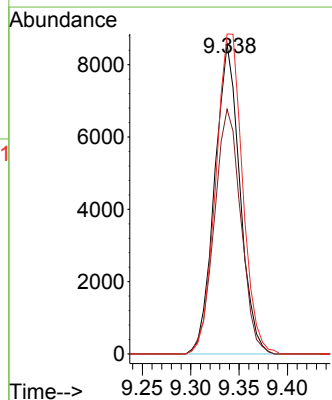
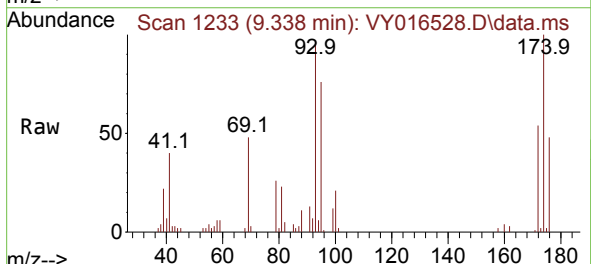
Instrument :
MSVOA_Y
ClientSampleId :

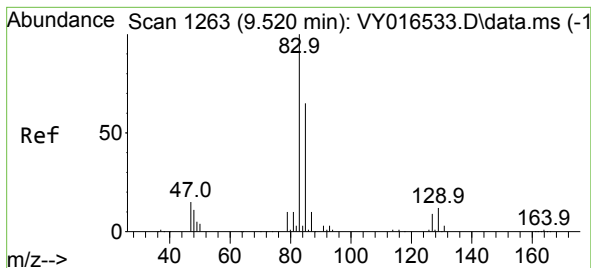
Tgt Ion: 63 Resp: 29620
Ion Ratio Lower Upper
63 100
65 31.4 23.8 35.6



#46
Dibromomethane
Concen: 18.803 ug/l
RT: 9.338 min Scan# 1233
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Tgt Ion: 93 Resp: 15508
Ion Ratio Lower Upper
93 100
95 83.1 66.6 100.0
174 109.9 84.8 127.2





#47

Bromodichloromethane

Concen: 19.469 ug/l

RT: 9.527 min Scan# 1264

Delta R.T. 0.006 min

Lab File: VY016528.D

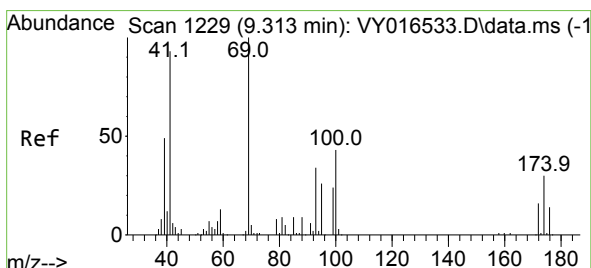
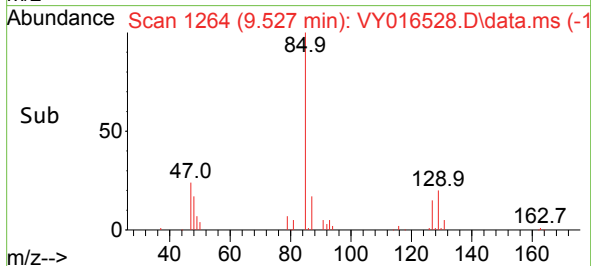
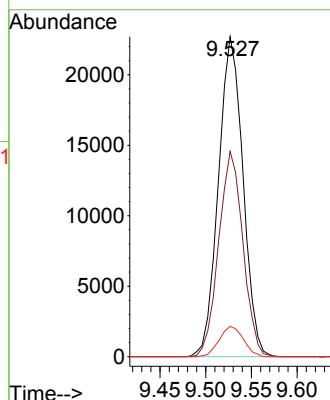
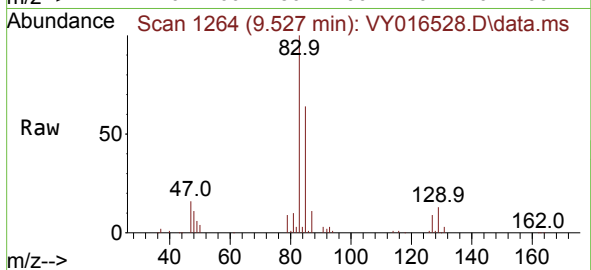
Acq: 29 Nov 2023 09:33

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 83	Resp: 42395
Ion Ratio	Lower Upper
83	100
85	64.1 50.1 75.1
127	9.5 7.1 10.7



#48

Methyl methacrylate

Concen: 17.584 ug/l

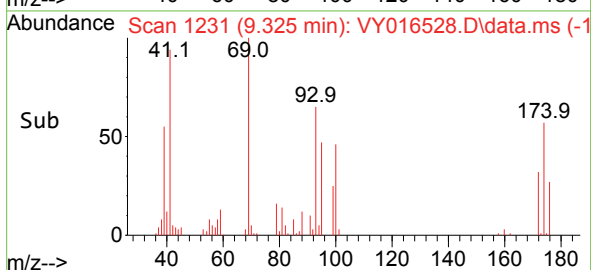
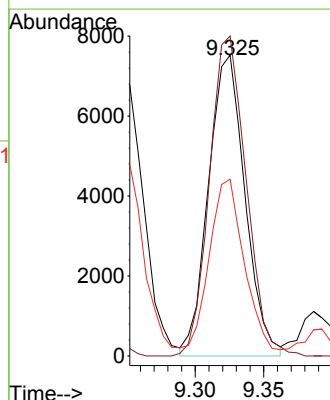
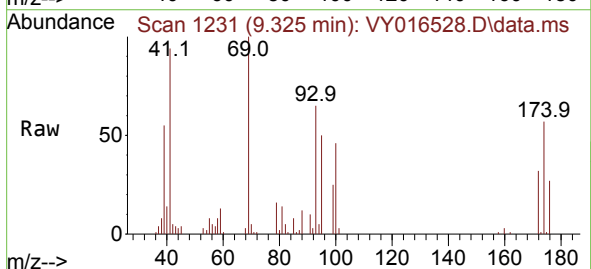
RT: 9.325 min Scan# 1231

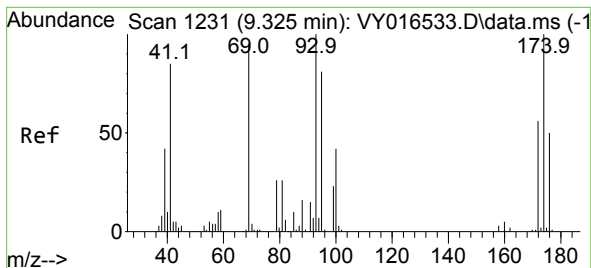
Delta R.T. 0.012 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

Tgt Ion: 41	Resp: 13949
Ion Ratio	Lower Upper
41	100
69	106.6 64.5 96.7
39	53.5 50.8 76.2





#49

1,4-Dioxane

Concen: 349.853 ug/l

RT: 9.331 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

Instrument :

MSVOA_Y

ClientSampleId :

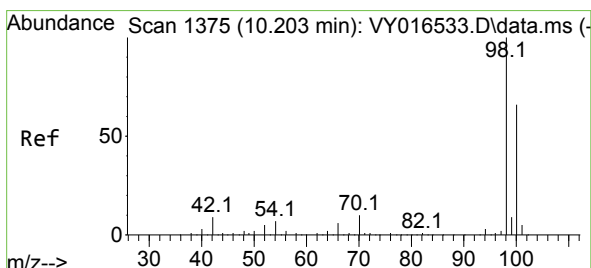
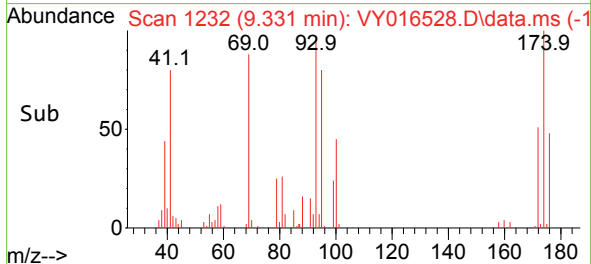
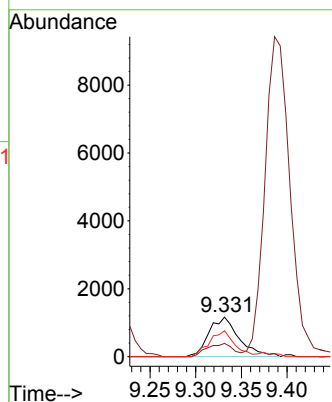
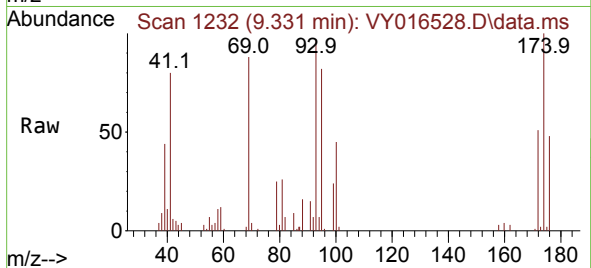
Tgt Ion: 88 Resp: 2672

Ion Ratio Lower Upper

88 100

43 29.1 0.0 0.0#

58 55.9 30.9 46.3#



#50

Toluene-d8

Concen: 20.005 ug/l

RT: 10.209 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY016528.D

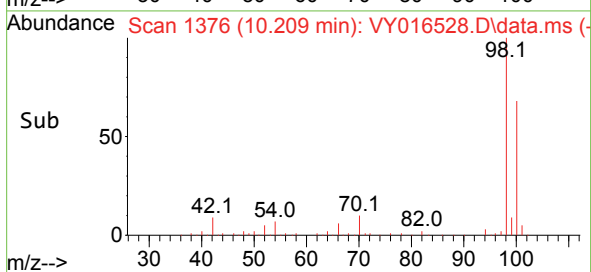
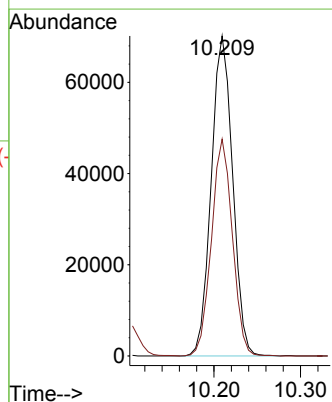
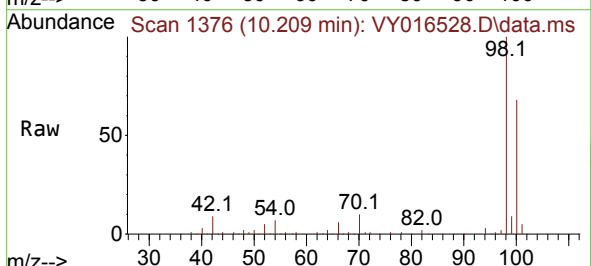
Acq: 29 Nov 2023 09:33

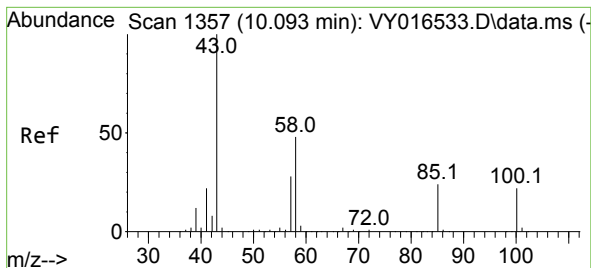
Tgt Ion: 98 Resp: 120458

Ion Ratio Lower Upper

98 100

100 66.3 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 90.119 ug/l

RT: 10.100 min Scan# 1357

Delta R.T. 0.006 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

Instrument :

MSVOA_Y

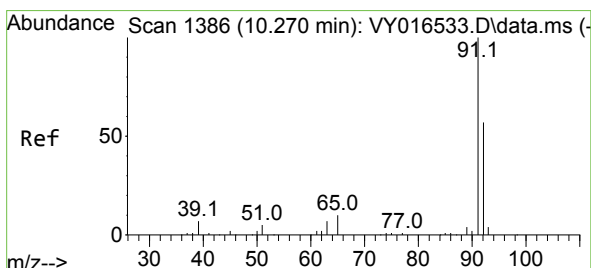
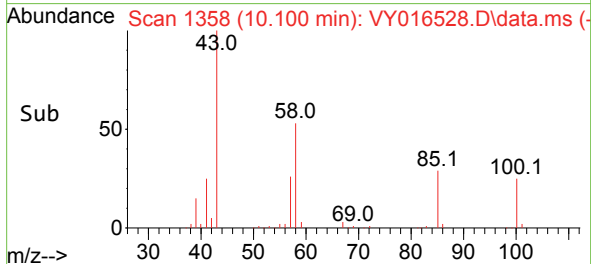
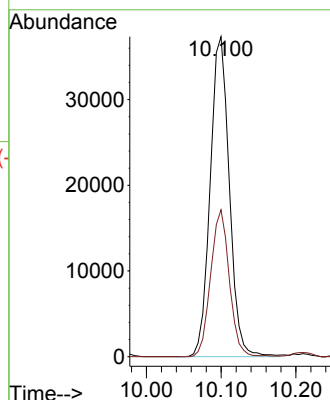
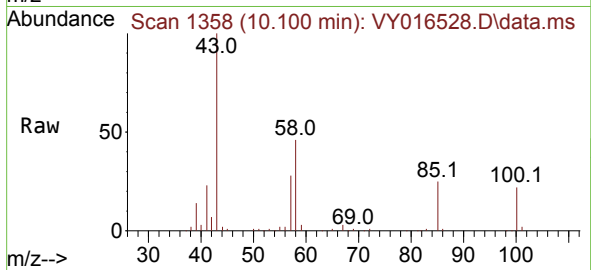
ClientSampleId :

Tgt Ion: 43 Resp: 66429

Ion Ratio Lower Upper

43 100

58 44.8 29.0 43.6#



#52

Toluene

Concen: 20.757 ug/l

RT: 10.270 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY016528.D

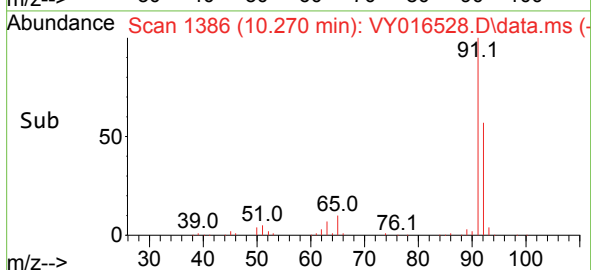
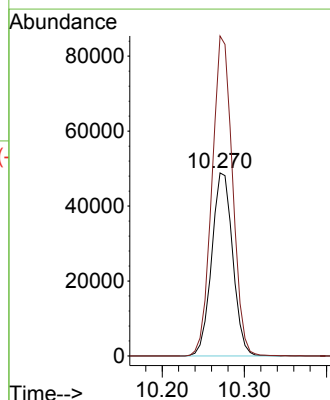
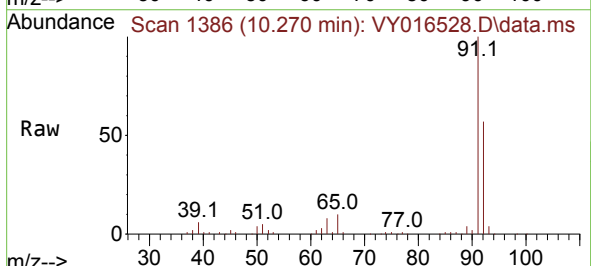
Acq: 29 Nov 2023 09:33

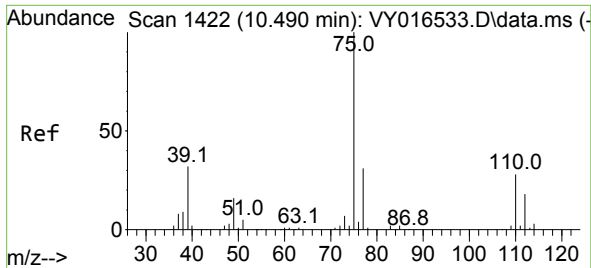
Tgt Ion: 92 Resp: 86676

Ion Ratio Lower Upper

92 100

91 171.0 143.8 215.6

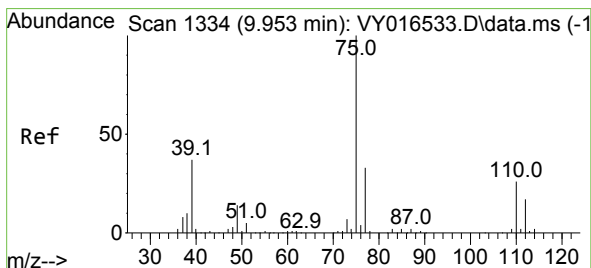
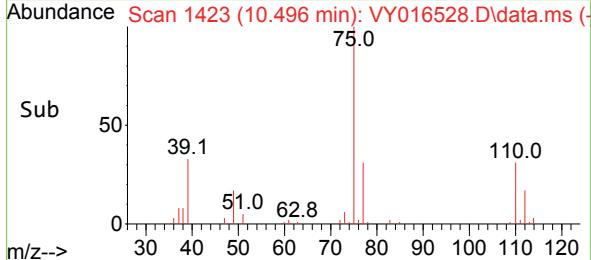
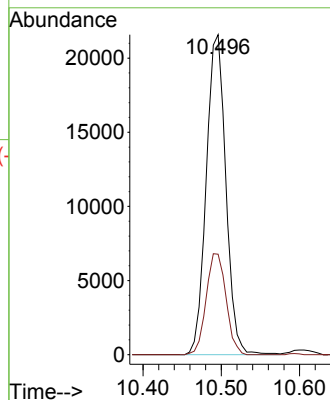
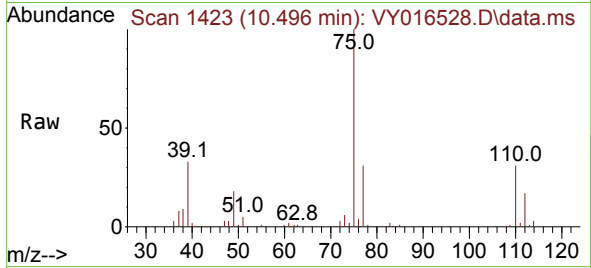




#53
 t-1,3-Dichloropropene
 Concen: 18.556 ug/l
 RT: 10.496 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY016528.D
 Acq: 29 Nov 2023 09:33

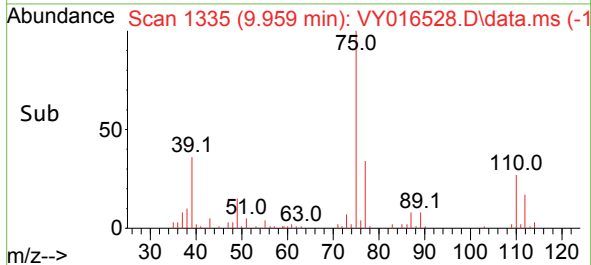
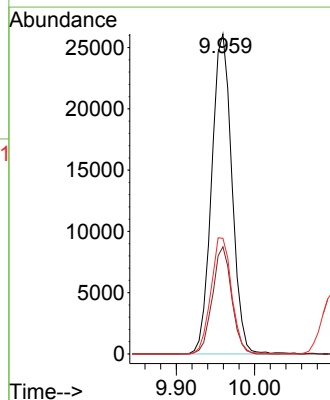
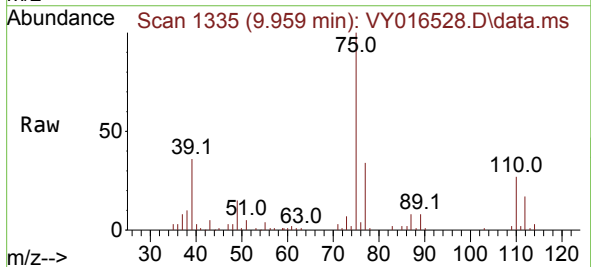
Instrument :
 MSVOA_Y
 ClientSampleId :

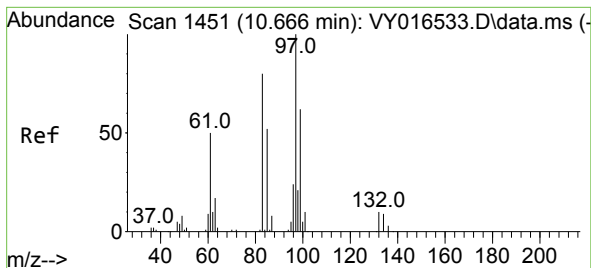
Tgt Ion: 75 Resp: 37444
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 19.147 ug/l
 RT: 9.959 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY016528.D
 Acq: 29 Nov 2023 09:33

Tgt Ion: 75 Resp: 46819
 Ion Ratio Lower Upper
 75 100
 77 33.5 24.2 36.4
 39 36.2 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 18.584 ug/l

RT: 10.673 min Scan# 14

Delta R.T. 0.006 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 22118

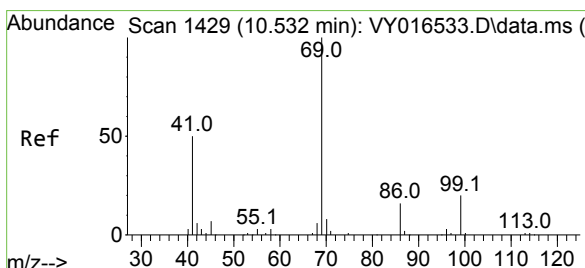
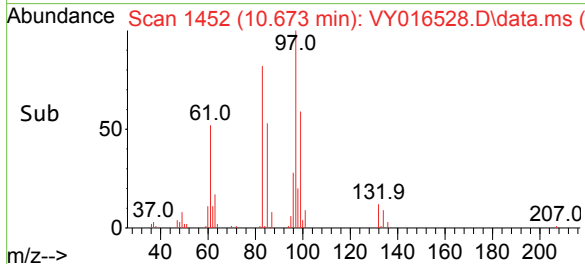
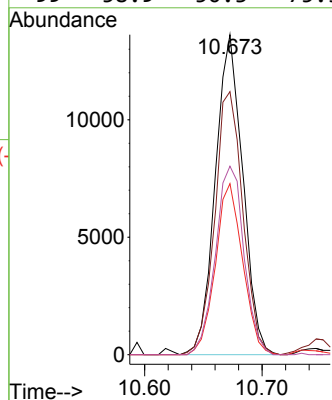
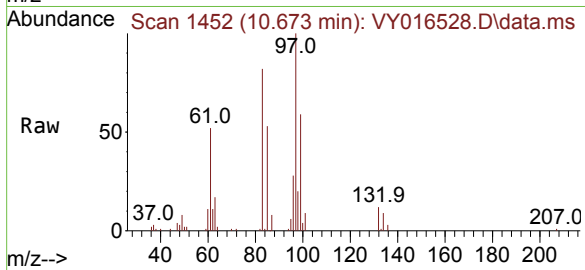
Ion Ratio Lower Upper

97 100

83 82.2 72.0 108.0

85 53.5 45.4 68.0

99 58.9 50.3 75.5



#56

Ethyl methacrylate

Concen: 18.006 ug/l

RT: 10.539 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

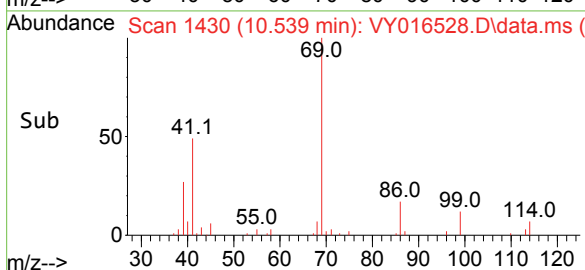
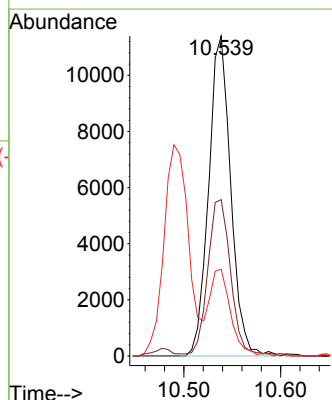
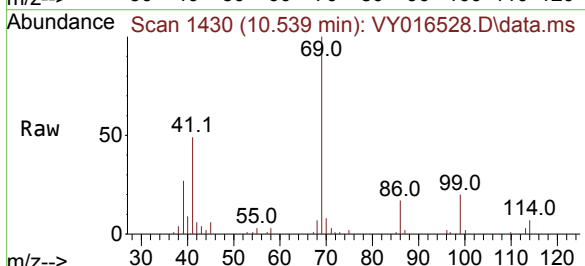
Tgt Ion: 69 Resp: 18135

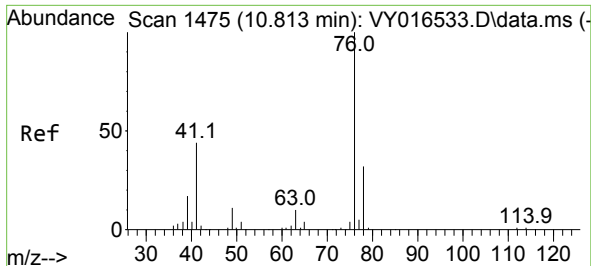
Ion Ratio Lower Upper

69 100

41 51.0 57.6 86.4#

39 25.5 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 18.795 ug/l

RT: 10.819 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

Instrument :

MSVOA_Y

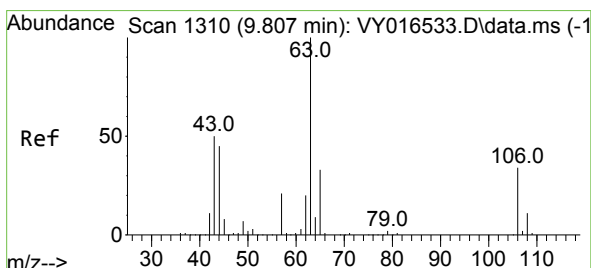
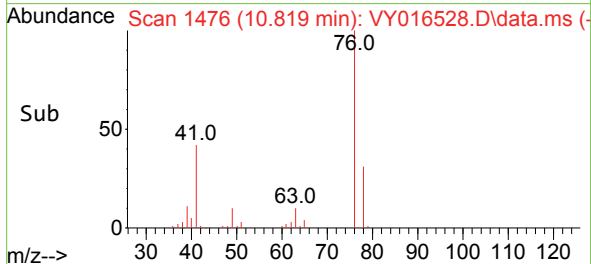
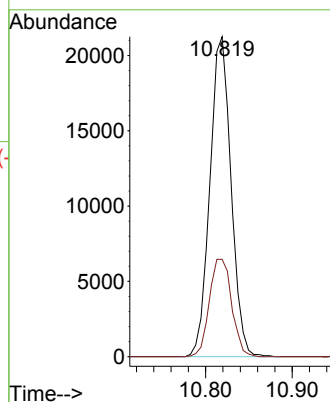
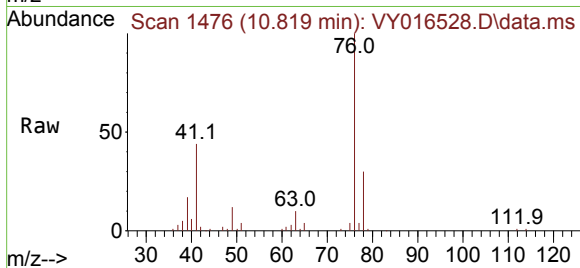
ClientSampleId :

Tgt Ion: 76 Resp: 36031

Ion Ratio Lower Upper

76 100

78 32.2 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 85.821 ug/l

RT: 9.813 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY016528.D

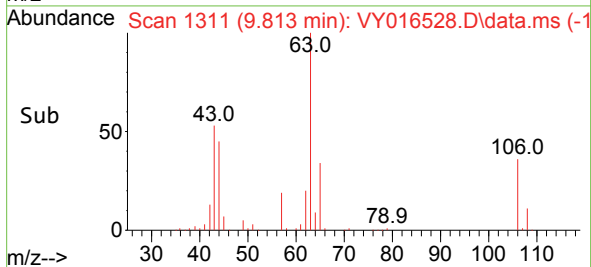
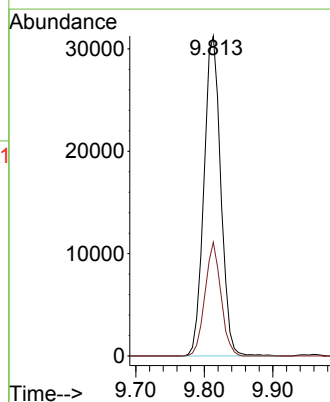
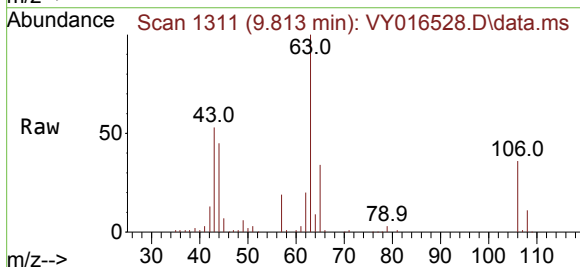
Acq: 29 Nov 2023 09:33

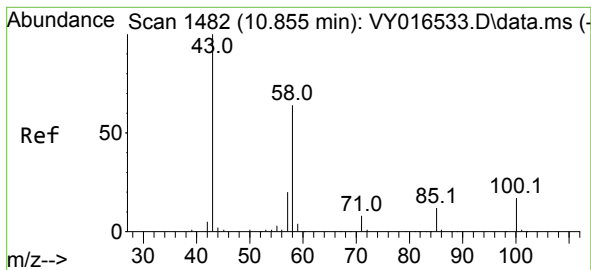
Tgt Ion: 63 Resp: 53450

Ion Ratio Lower Upper

63 100

106 33.7 21.2 31.8#

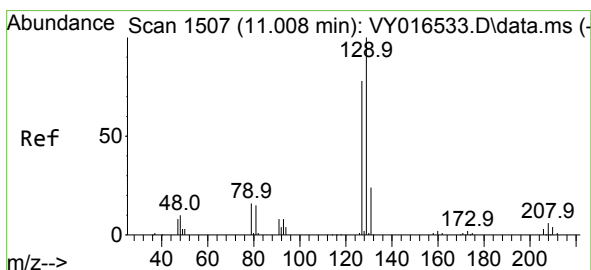
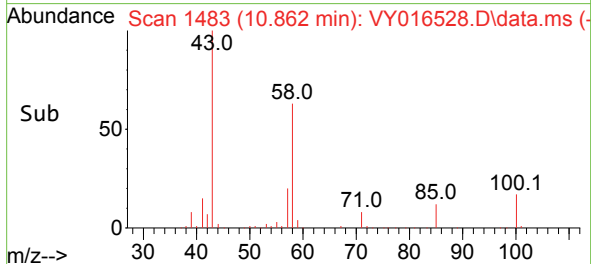
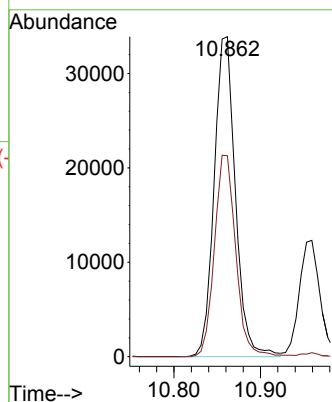
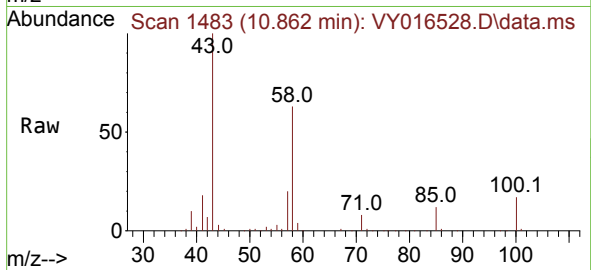




#59
2-Hexanone
Concen: 99.204 ug/l
RT: 10.862 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

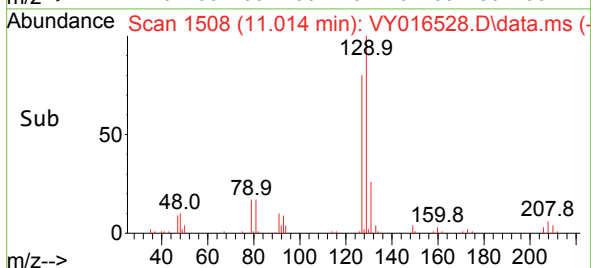
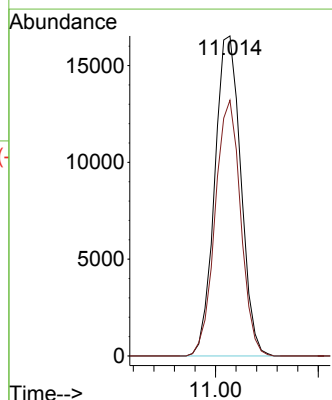
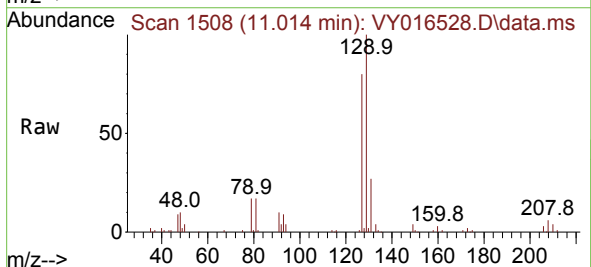
Instrument :
MSVOA_Y
ClientSampleId :

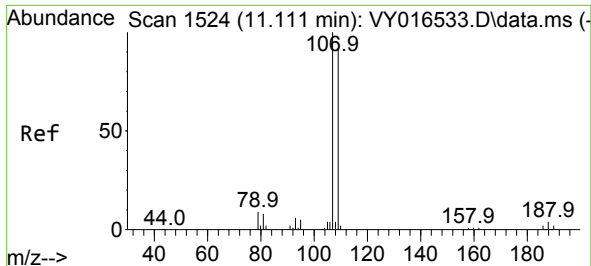
Tgt Ion: 43 Resp: 57762
Ion Ratio Lower Upper
43 100
58 63.2 25.1 75.3



#60
Dibromochloromethane
Concen: 18.730 ug/l
RT: 11.014 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Tgt Ion:129 Resp: 29137
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.5

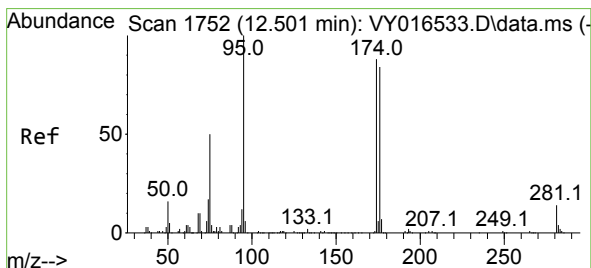
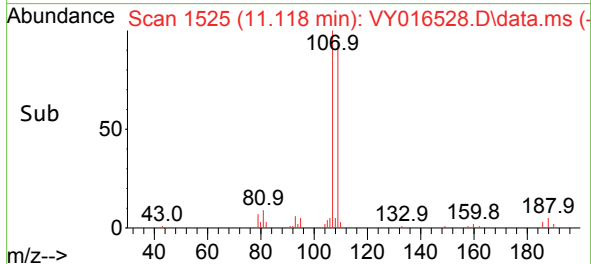
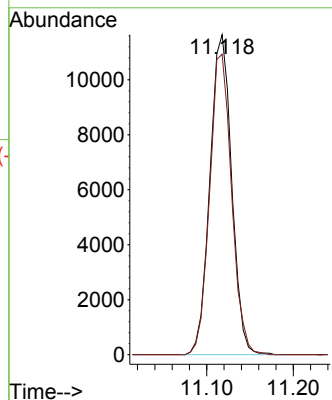
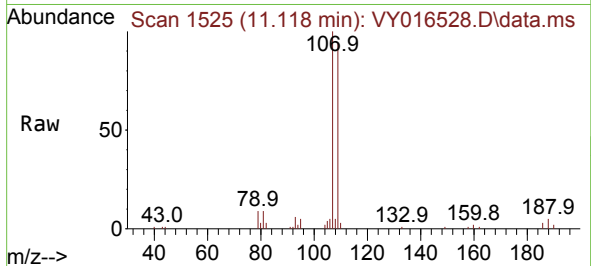




#61
1,2-Dibromoethane
Concen: 18.047 ug/l
RT: 11.118 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

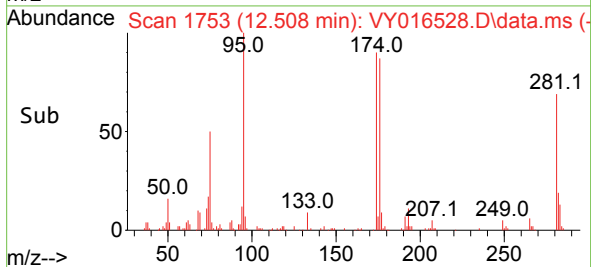
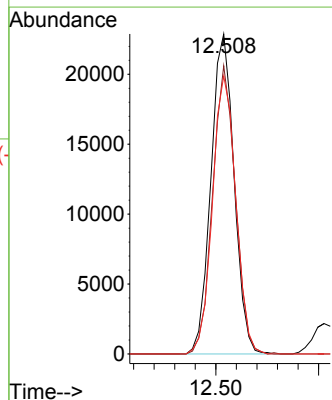
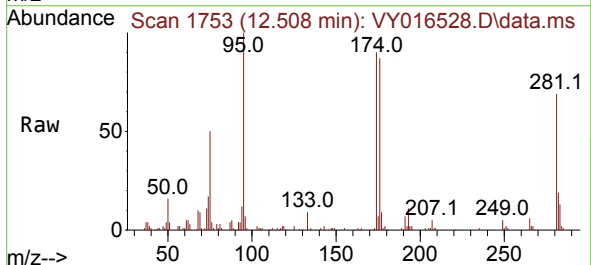
Instrument :
MSVOA_Y
ClientSampleId :

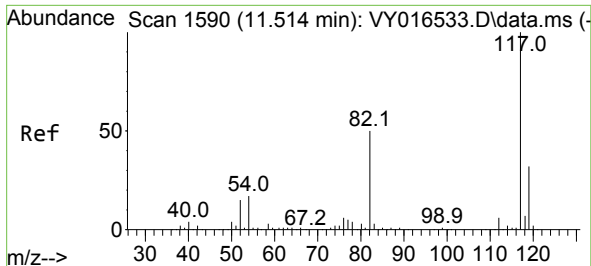
Tgt Ion:107 Resp: 20283
Ion Ratio Lower Upper
107 100
109 94.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 18.947 ug/l
RT: 12.508 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Tgt Ion: 95 Resp: 35791
Ion Ratio Lower Upper
95 100
174 88.5 0.0 178.2
176 87.7 0.0 173.8

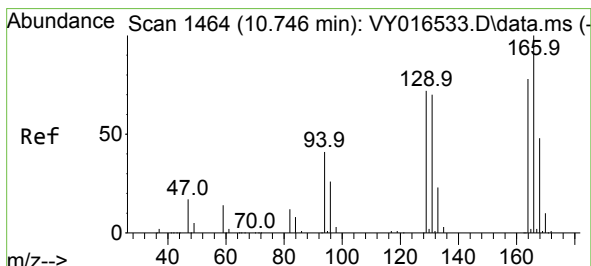
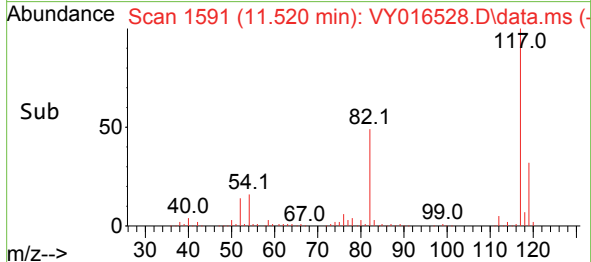
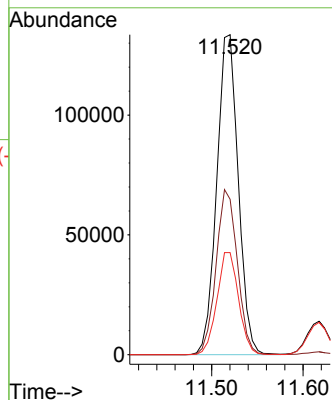
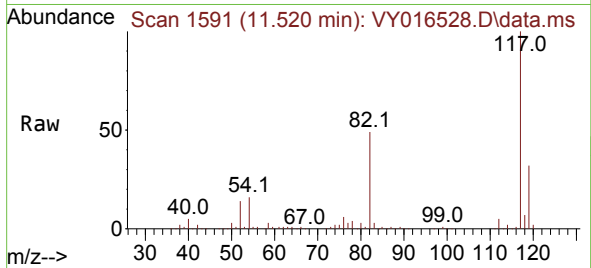




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

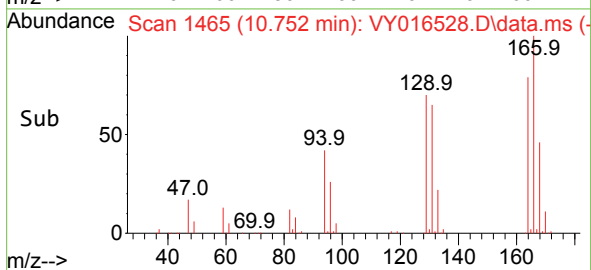
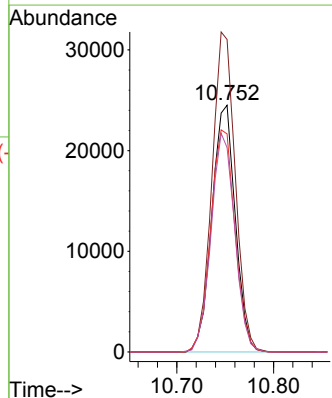
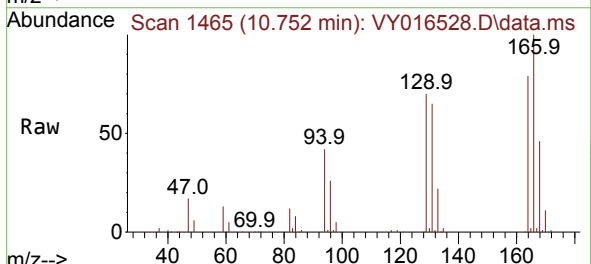
Instrument :
MSVOA_Y
ClientSampleId :

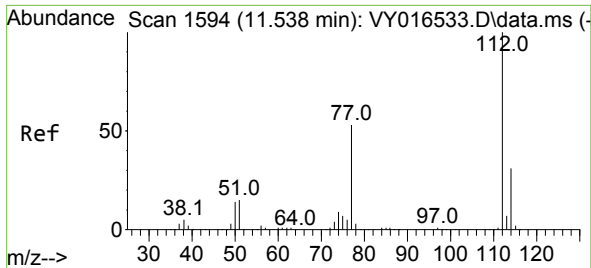
Tgt Ion:117 Resp: 218423
Ion Ratio Lower Upper
117 100
82 48.5 43.4 65.0
119 31.9 26.3 39.5



#64
Tetrachloroethene
Concen: 21.228 ug/l
RT: 10.752 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Tgt Ion:164 Resp: 41264
Ion Ratio Lower Upper
164 100
166 126.7 103.0 154.6
129 88.4 77.2 115.8
131 82.8 69.6 104.4

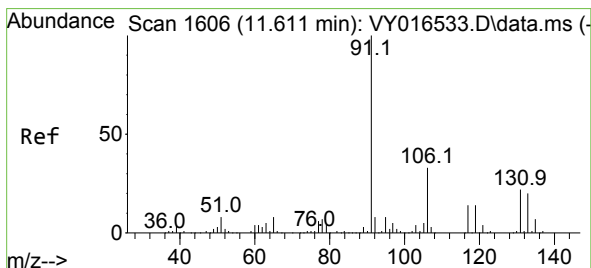
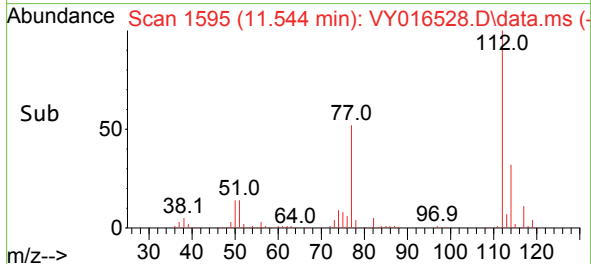
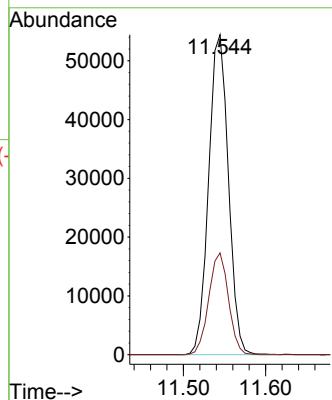
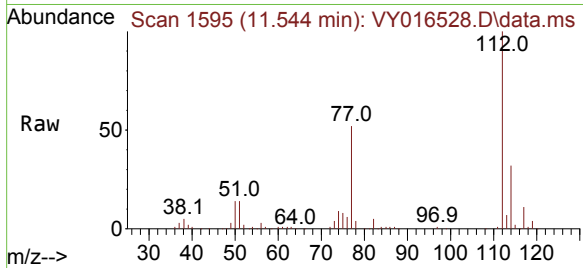




#65
Chlorobenzene
Concen: 20.715 ug/l
RT: 11.544 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

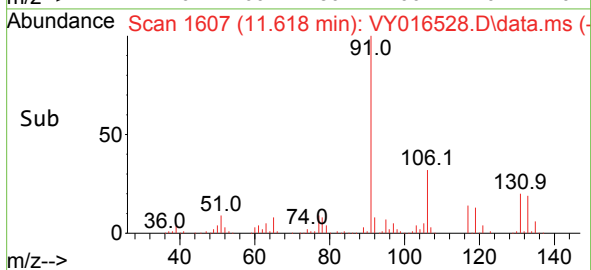
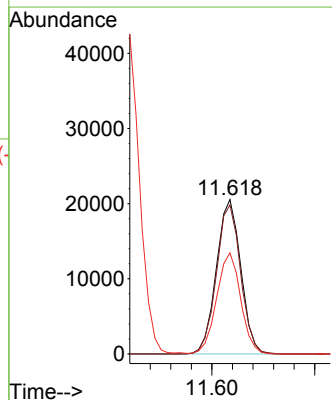
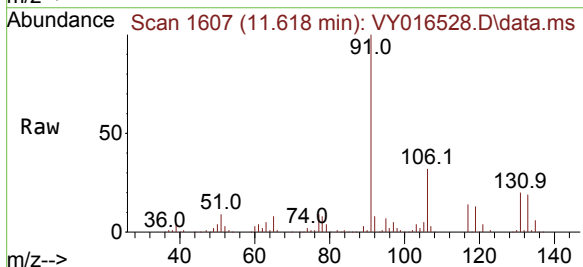
Instrument :
MSVOA_Y
ClientSampleId :

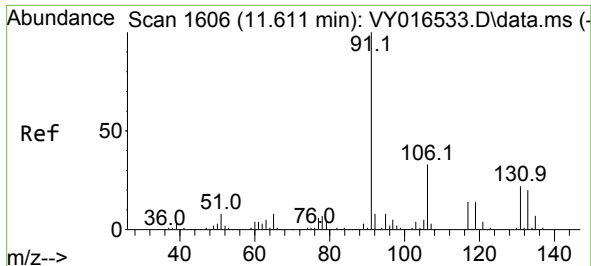
Tgt Ion:112 Resp: 90613
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.141 ug/l
RT: 11.618 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Tgt Ion:131 Resp: 33774
Ion Ratio Lower Upper
131 100
133 95.7 47.5 142.6
119 64.7 31.6 94.7





#67

Ethyl Benzene

Concen: 20.951 ug/l

RT: 11.618 min Scan# 1606

Delta R.T. 0.006 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

Instrument :

MSVOA_Y

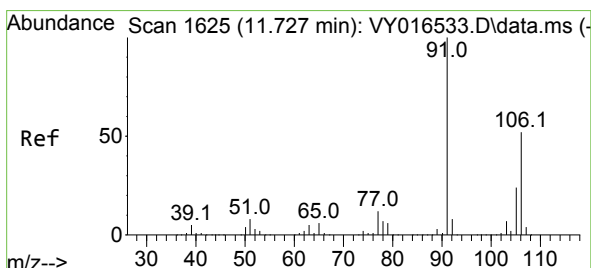
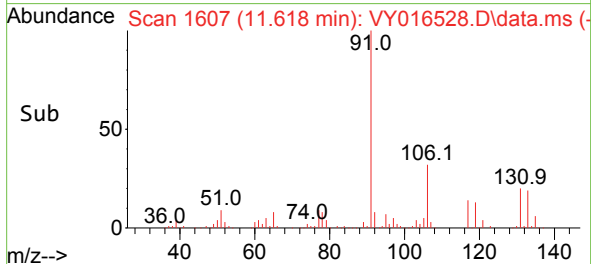
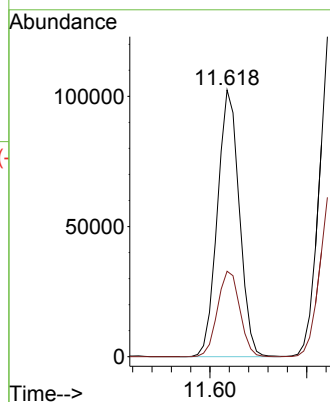
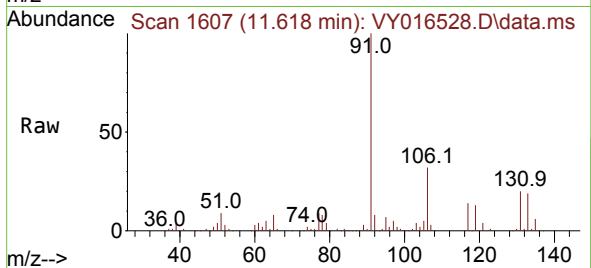
ClientSampleId :

Tgt Ion: 91 Resp: 160872

Ion Ratio Lower Upper

91 100

106 32.0 24.6 36.8



#68

m/p-Xylenes

Concen: 42.286 ug/l

RT: 11.727 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY016528.D

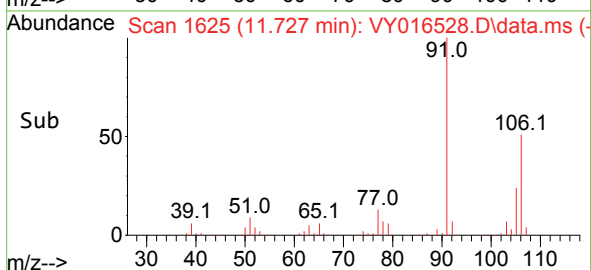
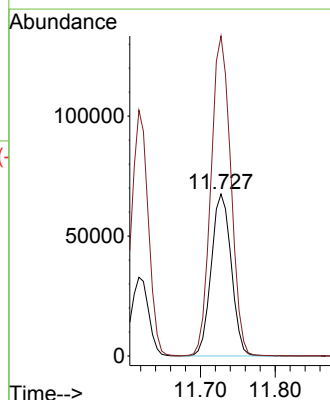
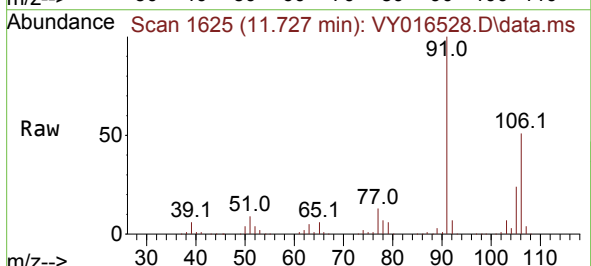
Acq: 29 Nov 2023 09:33

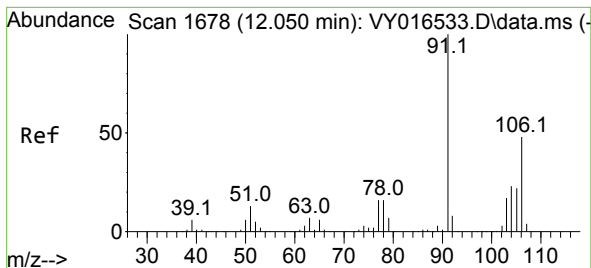
Tgt Ion:106 Resp: 125658

Ion Ratio Lower Upper

106 100

91 197.1 166.1 249.1





#69

o-Xylene

Concen: 20.787 ug/l

RT: 12.057 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

Instrument :

MSVOA_Y

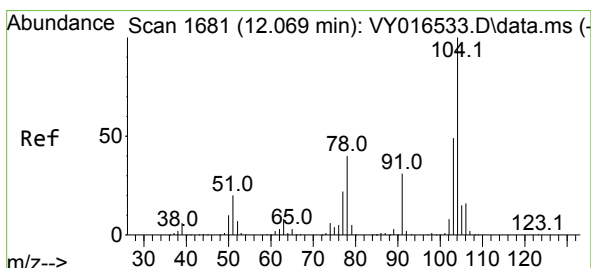
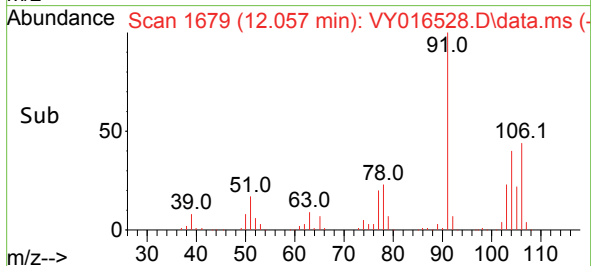
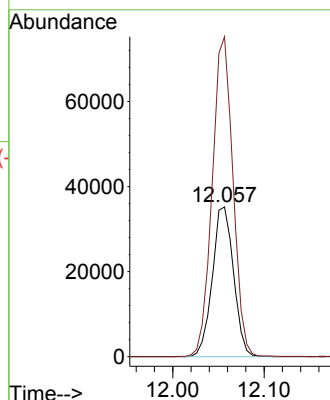
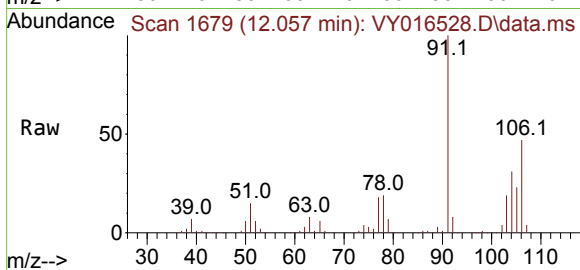
ClientSampleId :

Tgt Ion:106 Resp: 56709

Ion Ratio Lower Upper

106 100

91 209.3 108.1 324.3



#70

Styrene

Concen: 20.544 ug/l

RT: 12.069 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

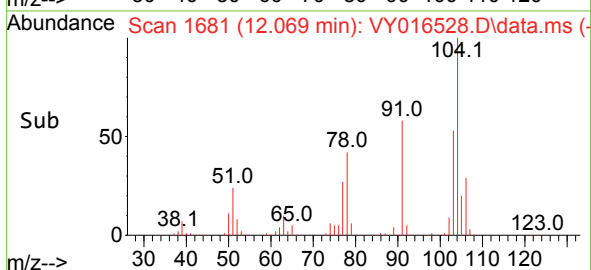
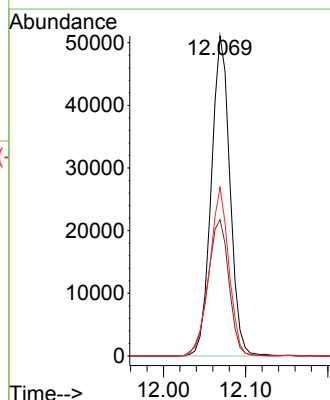
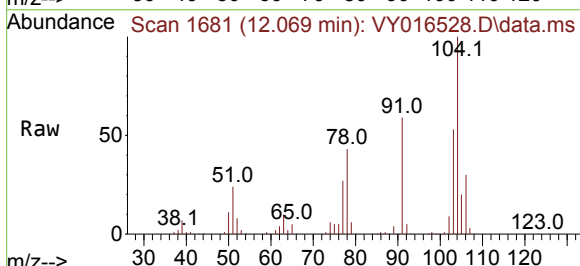
Tgt Ion:104 Resp: 80640

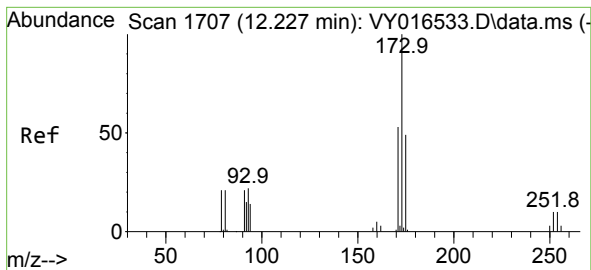
Ion Ratio Lower Upper

104 100

78 48.0 41.5 62.3

103 54.9 44.6 67.0





#71

Bromoform

Concen: 18.466 ug/l

RT: 12.233 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

Instrument :

MSVOA_Y

ClientSampleId :

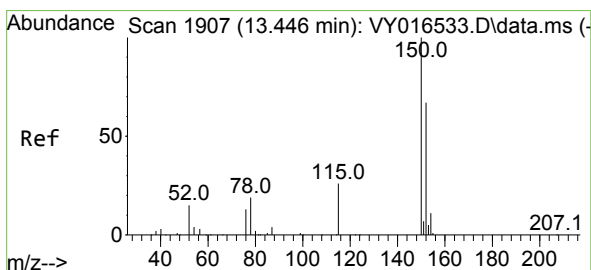
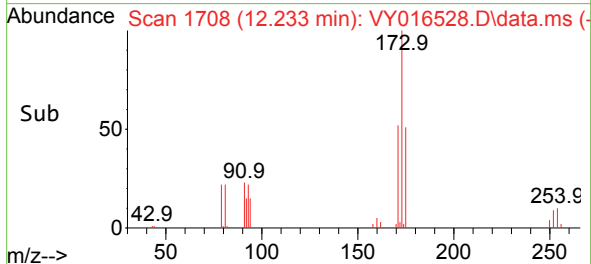
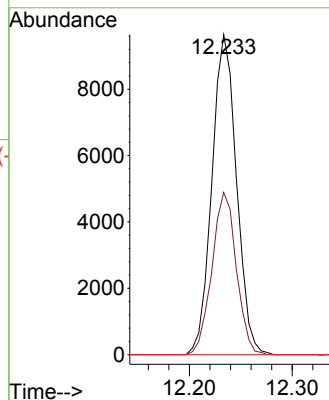
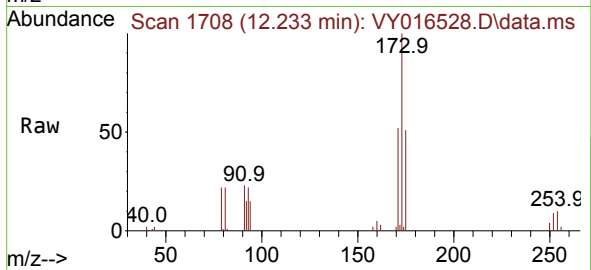
Tgt Ion:173 Resp: 15994

Ion Ratio Lower Upper

173 100

175 50.3 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

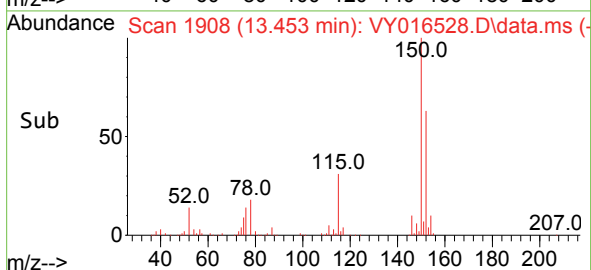
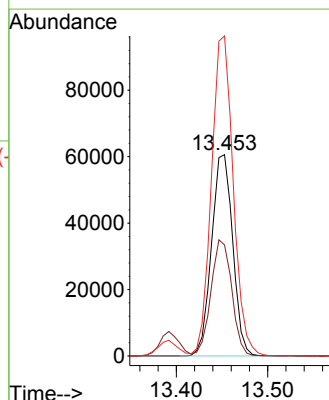
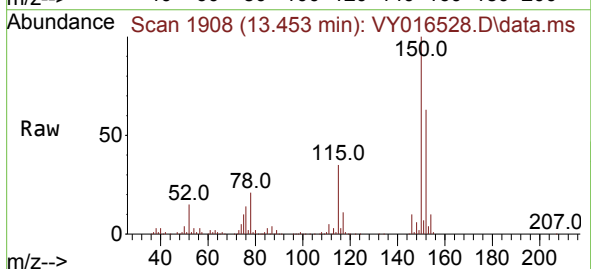
Tgt Ion:152 Resp: 97558

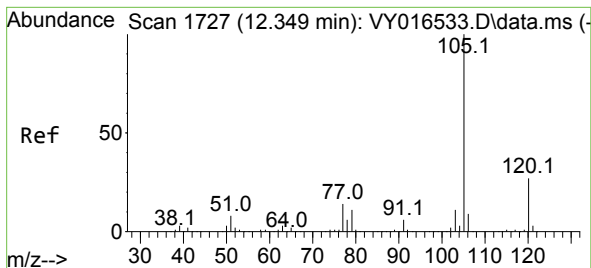
Ion Ratio Lower Upper

152 100

115 56.8 28.8 86.5

150 163.6 0.0 348.8





#73

Isopropylbenzene

Concen: 21.846 ug/l

RT: 12.355 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

Instrument :

MSVOA_Y

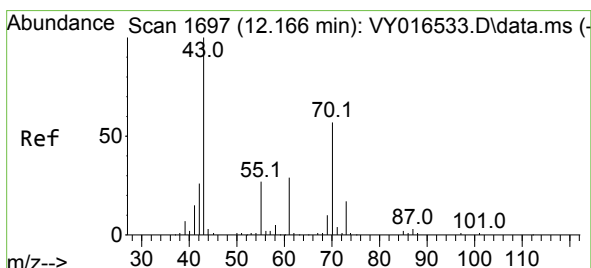
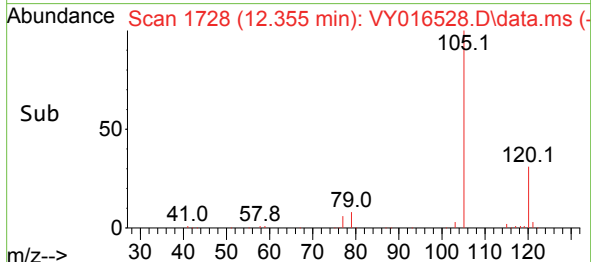
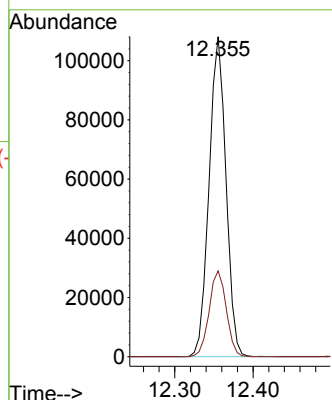
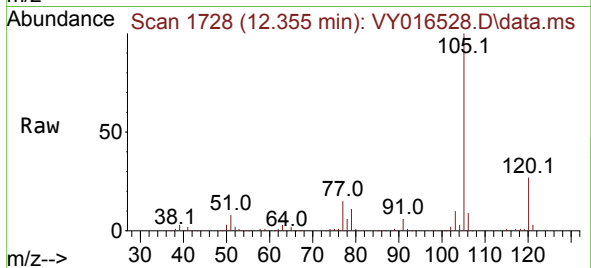
ClientSampleId :

Tgt Ion:105 Resp: 161625

Ion Ratio Lower Upper

105 100

120 27.1 13.3 39.9



#74

N-ethyl acetate

Concen: 18.520 ug/l

RT: 12.166 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

Tgt Ion: 43 Resp: 19350

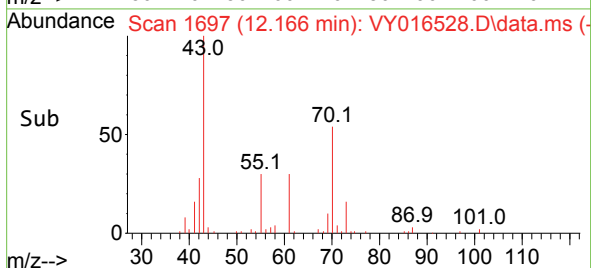
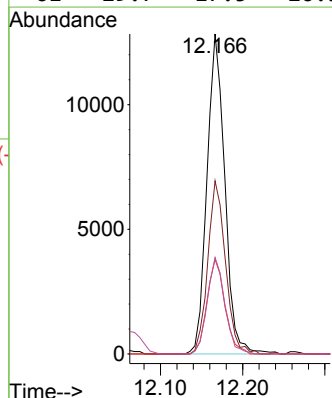
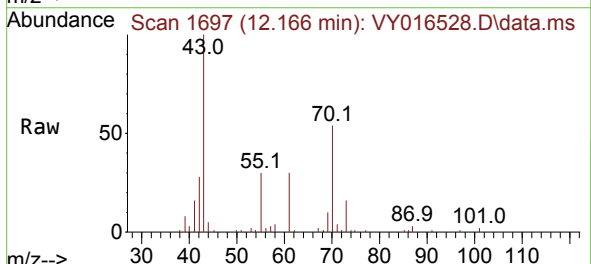
Ion Ratio Lower Upper

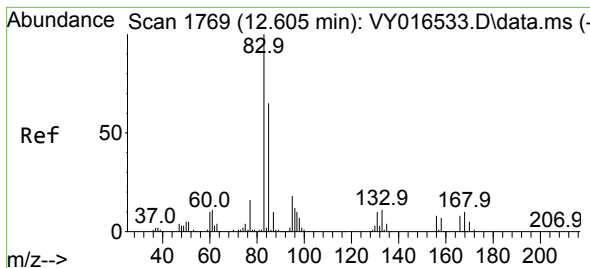
43 100

70 53.9 29.7 44.5#

55 29.8 18.3 27.5#

61 29.7 17.5 26.3#

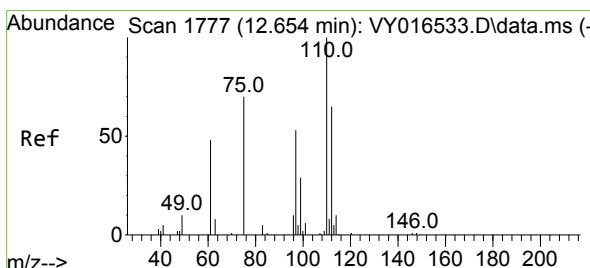
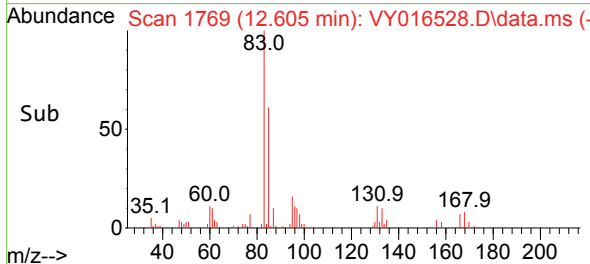
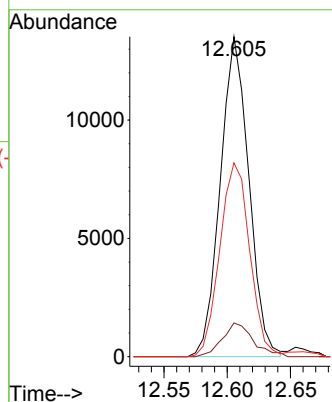
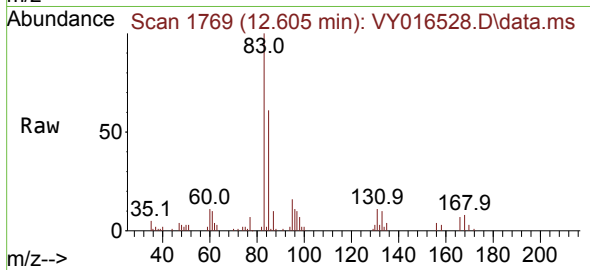




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.309 ug/l
 RT: 12.605 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY016528.D
 Acq: 29 Nov 2023 09:33

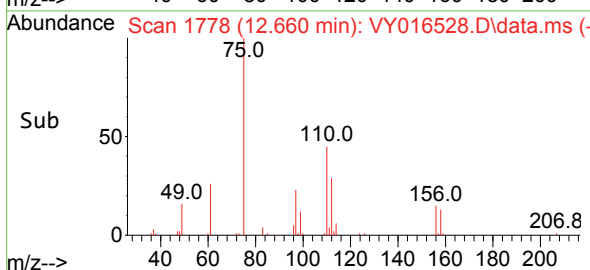
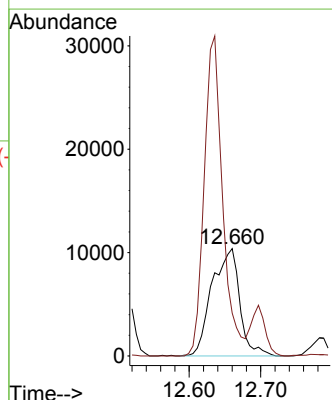
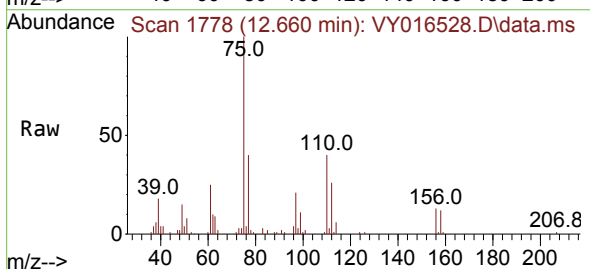
Instrument :
 MSVOA_Y
 ClientSampleId :

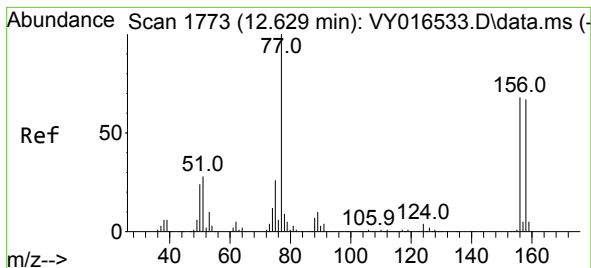
Tgt Ion: 83 Resp: 21206
 Ion Ratio Lower Upper
 83 100
 131 11.4 5.4 16.2
 85 63.4 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 34.128 ug/l
 RT: 12.660 min Scan# 1778
 Delta R.T. 0.006 min
 Lab File: VY016528.D
 Acq: 29 Nov 2023 09:33

Tgt Ion: 75 Resp: 28047
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.157 ug/l

RT: 12.636 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016528.D

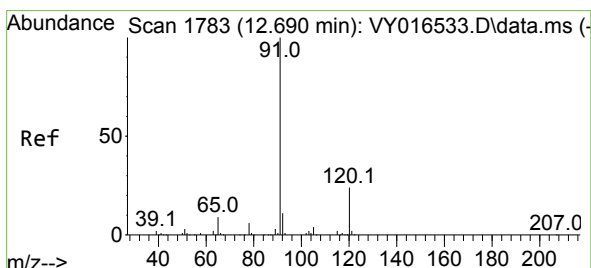
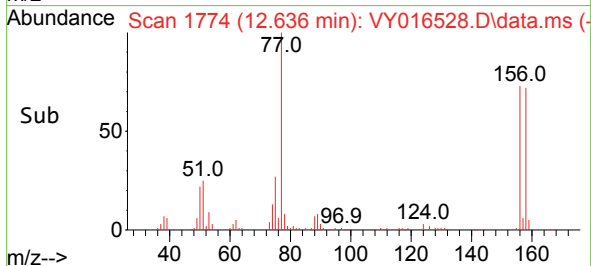
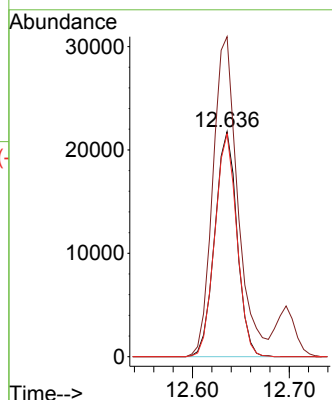
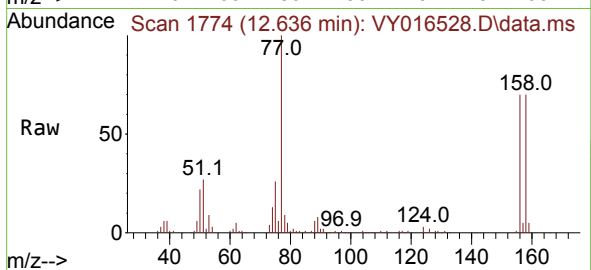
Acq: 29 Nov 2023 09:33

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:156	Resp:	34724
Ion Ratio	Lower	Upper
156	100	
77	159.8	92.8 278.6
158	98.2	48.4 145.3



#78

n-propylbenzene

Concen: 21.890 ug/l

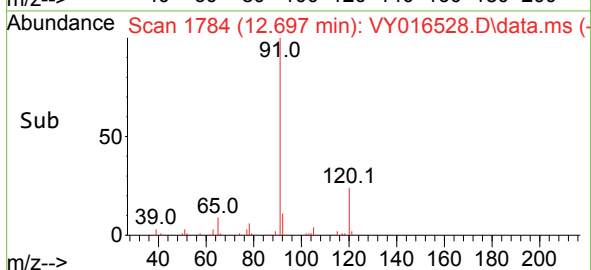
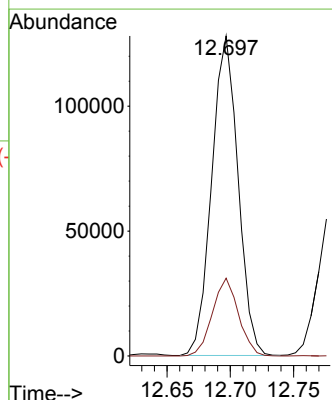
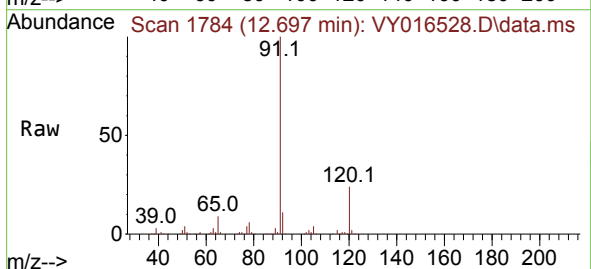
RT: 12.697 min Scan# 1784

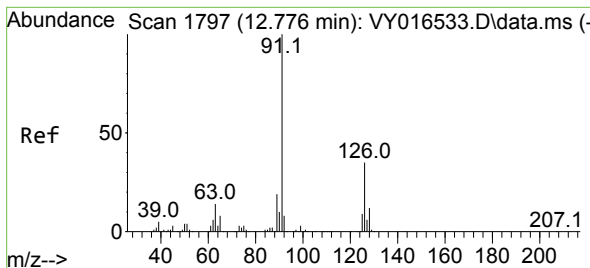
Delta R.T. 0.006 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

Tgt Ion: 91	Resp:	185279
Ion Ratio	Lower	Upper
91	100	
120	24.0	11.5 34.4





#79

2-Chlorotoluene

Concen: 21.364 ug/l

RT: 12.782 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

Instrument :

MSVOA_Y

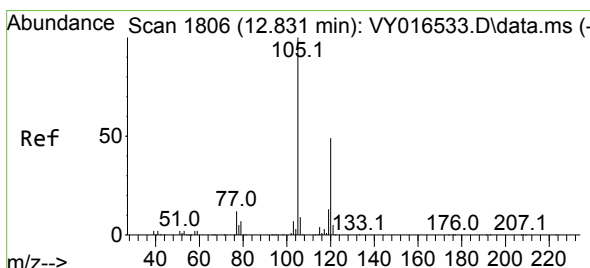
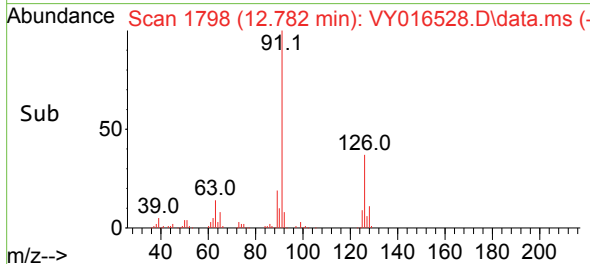
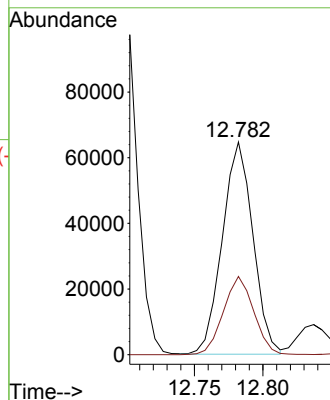
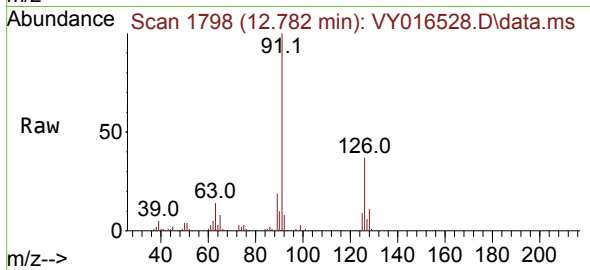
ClientSampleId :

Tgt Ion: 91 Resp: 100573

Ion Ratio Lower Upper

91 100

126 36.6 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 21.692 ug/l

RT: 12.837 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VY016528.D

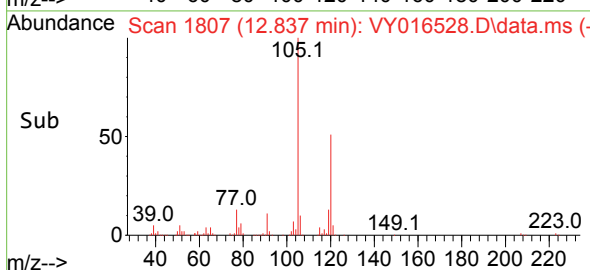
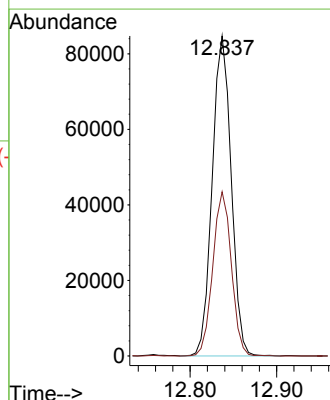
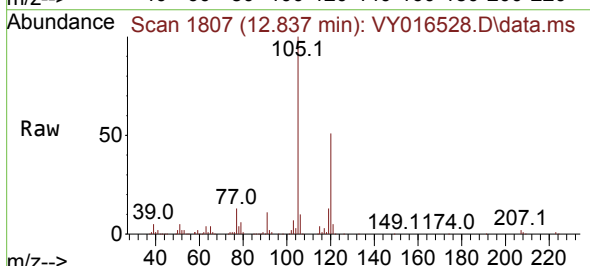
Acq: 29 Nov 2023 09:33

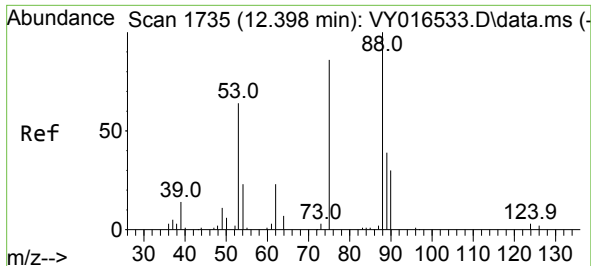
Tgt Ion:105 Resp: 129006

Ion Ratio Lower Upper

105 100

120 50.2 23.9 71.7

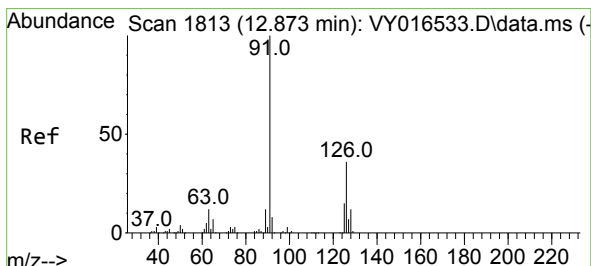
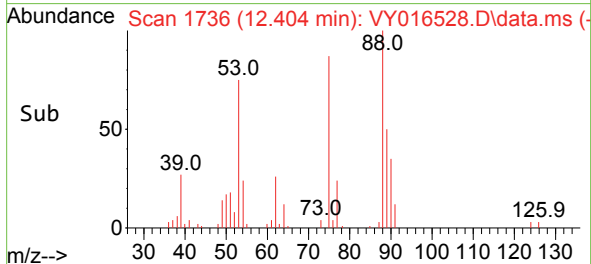
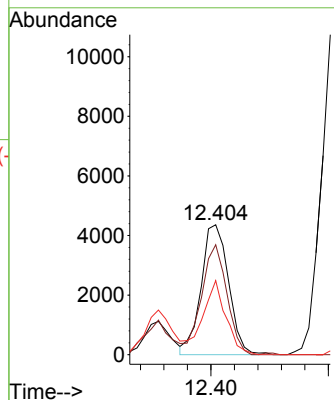
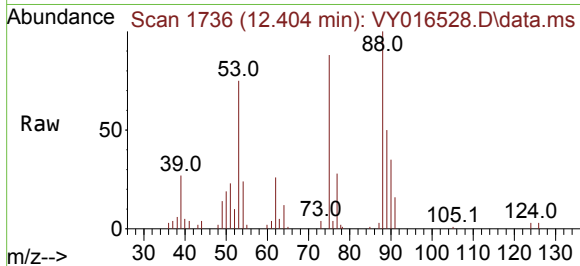




#81
trans-1,4-Dichloro-2-butene
Concen: 18.872 ug/l
RT: 12.404 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

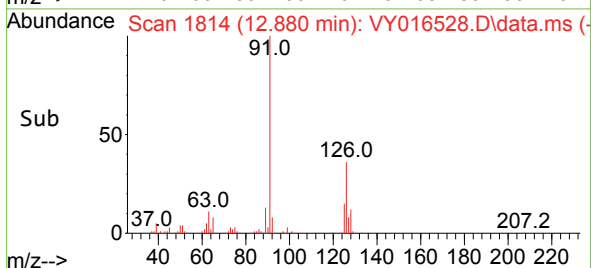
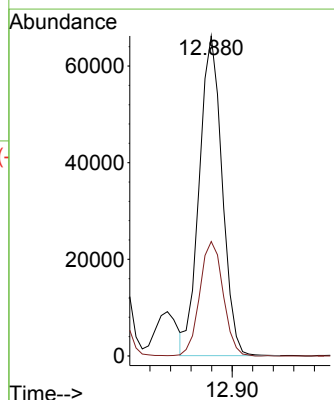
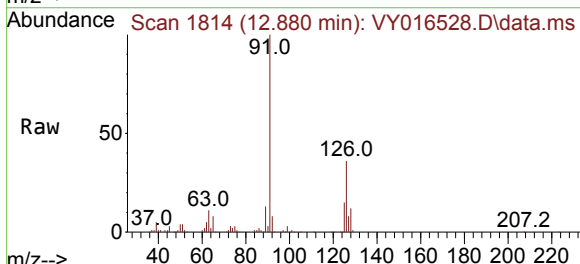
Instrument :
MSVOA_Y
ClientSampleId :

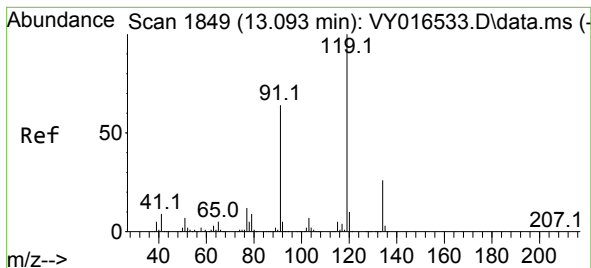
Tgt Ion: 75 Resp: 7088
Ion Ratio Lower Upper
75 100
53 78.5 77.8 116.8
89 49.3 37.4 56.0



#82
4-Chlorotoluene
Concen: 21.122 ug/l
RT: 12.880 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Tgt Ion: 91 Resp: 102093
Ion Ratio Lower Upper
91 100
126 36.7 17.2 51.6





#83

tert-Butylbenzene

Concen: 21.405 ug/l

RT: 13.099 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

Instrument :

MSVOA_Y

ClientSampleId :

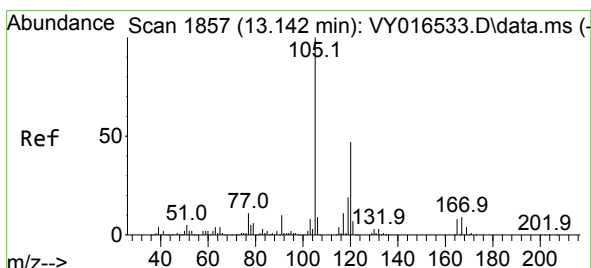
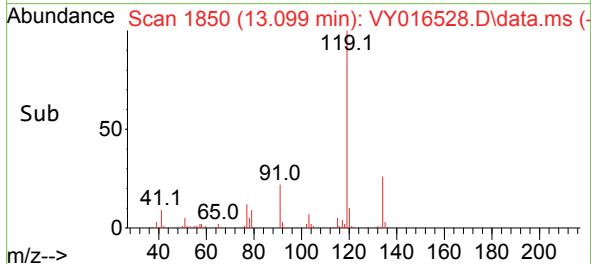
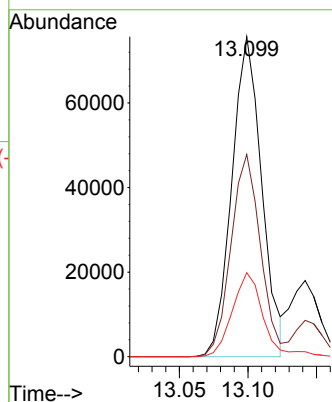
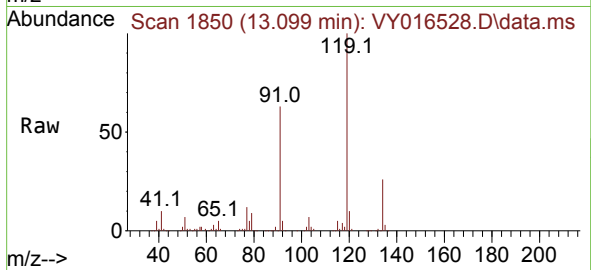
Tgt Ion:119 Resp: 114886

Ion Ratio Lower Upper

119 100

91 62.2 32.9 98.6

134 27.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 21.395 ug/l

RT: 13.142 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY016528.D

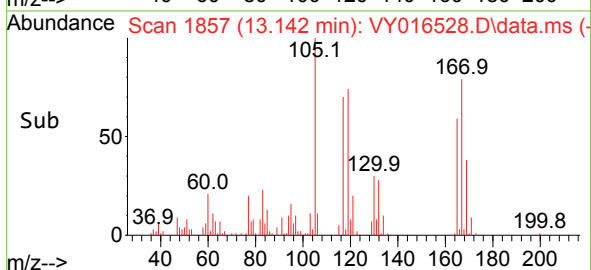
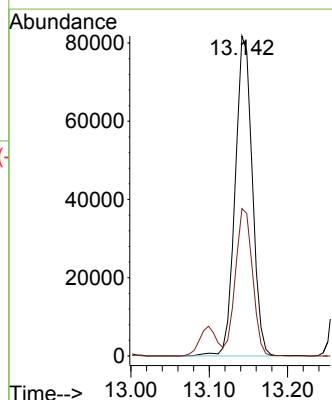
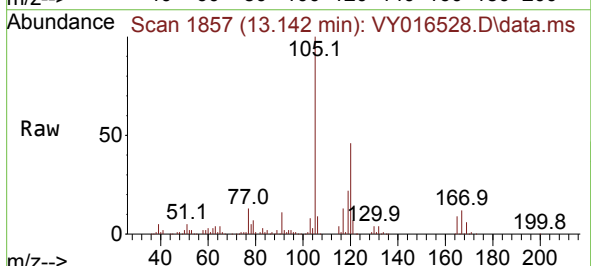
Acq: 29 Nov 2023 09:33

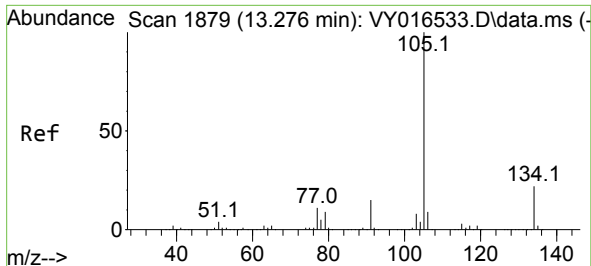
Tgt Ion:105 Resp: 123880

Ion Ratio Lower Upper

105 100

120 45.9 22.2 66.6

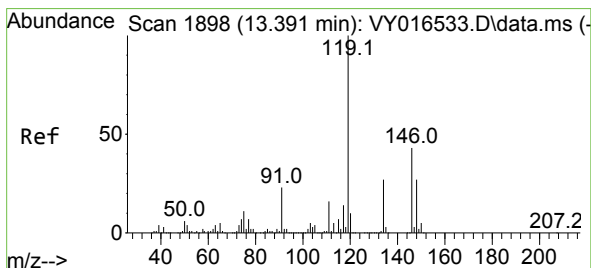
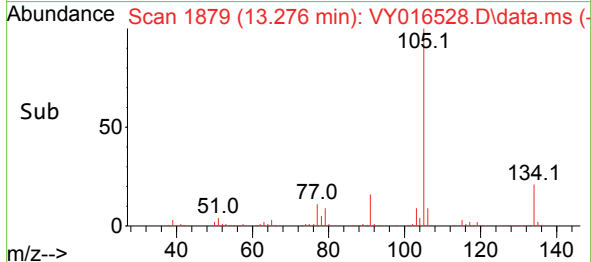
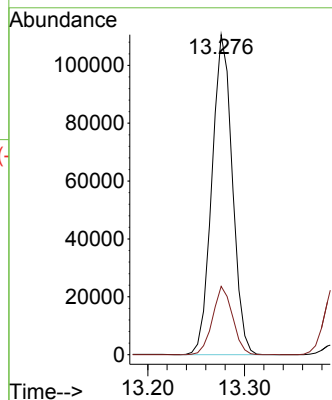
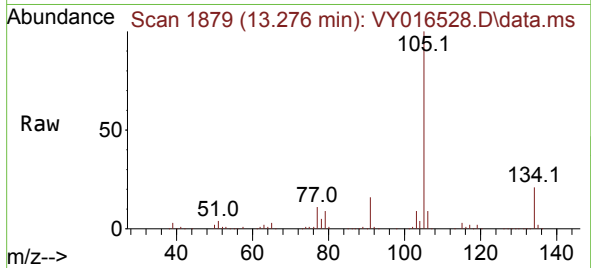




#85
 sec-Butylbenzene
 Concen: 21.886 ug/l
 RT: 13.276 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY016528.D
 Acq: 29 Nov 2023 09:33

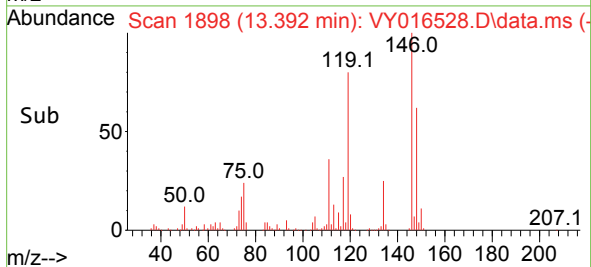
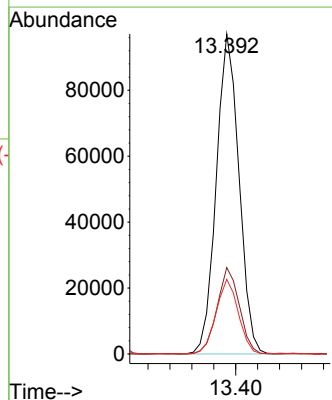
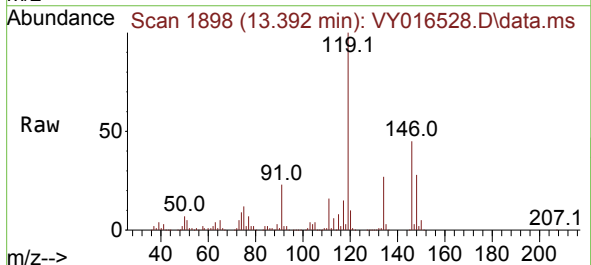
Instrument :
 MSVOA_Y
 ClientSampleId :

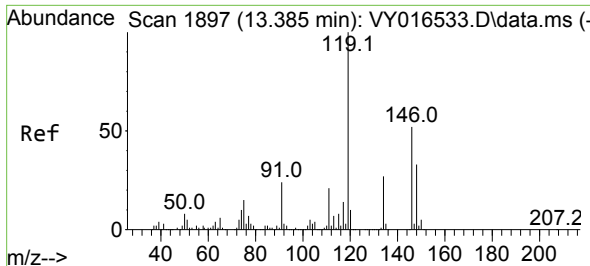
Tgt Ion:105 Resp: 162460
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 21.758 ug/l
 RT: 13.392 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY016528.D
 Acq: 29 Nov 2023 09:33

Tgt Ion:119 Resp: 139545
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 22.8 12.4 37.4

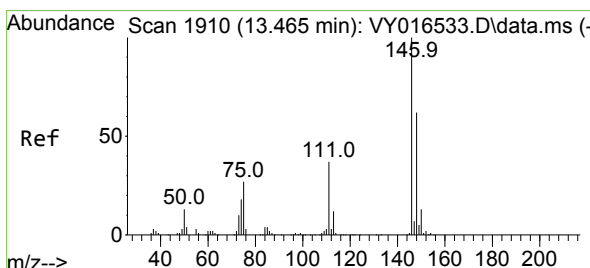
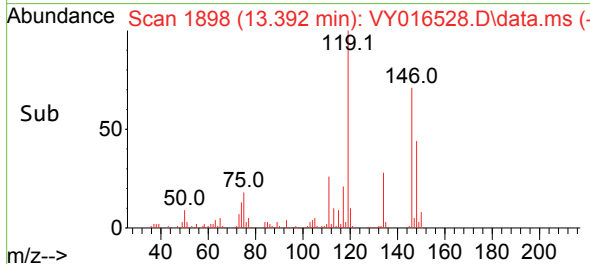
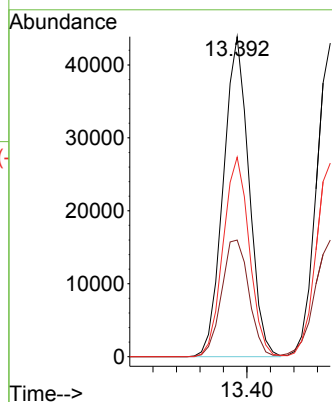
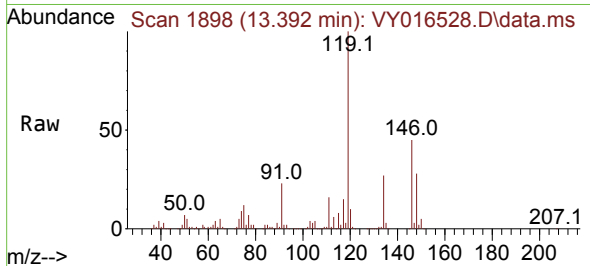




#87
 1,3-Dichlorobenzene
 Concen: 20.425 ug/l
 RT: 13.392 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY016528.D
 Acq: 29 Nov 2023 09:33

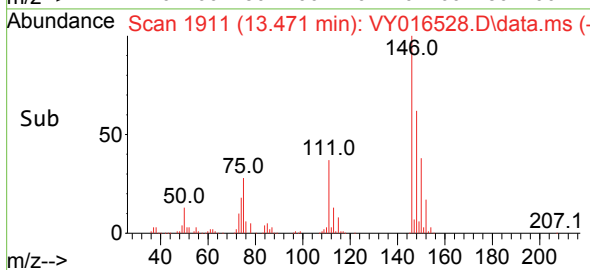
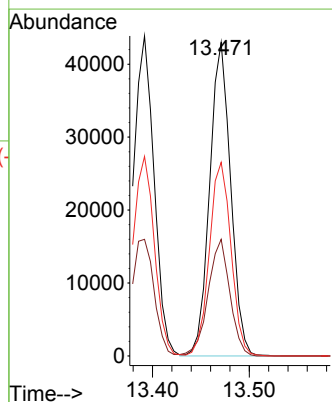
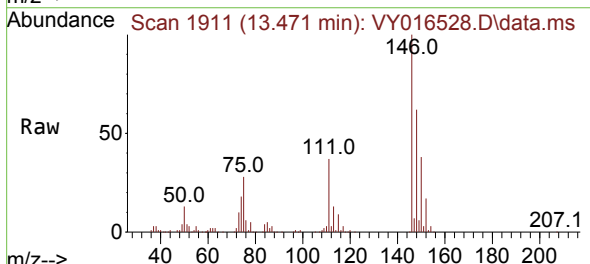
Instrument :
 MSVOA_Y
 ClientSampleId :

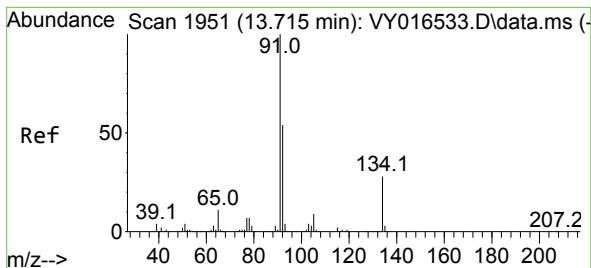
Tgt Ion:146 Resp: 66440
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.4 58.2
 148 63.7 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 20.366 ug/l
 RT: 13.471 min Scan# 1911
 Delta R.T. 0.006 min
 Lab File: VY016528.D
 Acq: 29 Nov 2023 09:33

Tgt Ion:146 Resp: 64840
 Ion Ratio Lower Upper
 146 100
 111 38.6 18.9 56.7
 148 63.8 32.1 96.5





#89

n-Butylbenzene

Concen: 21.442 ug/l

RT: 13.721 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

Instrument :

MSVOA_Y

ClientSampleId :

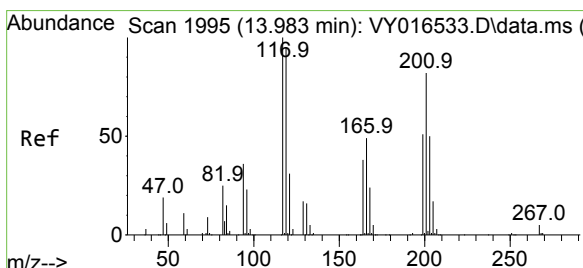
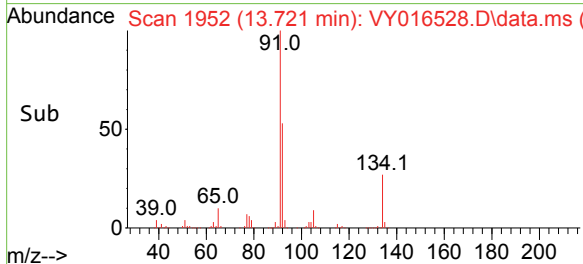
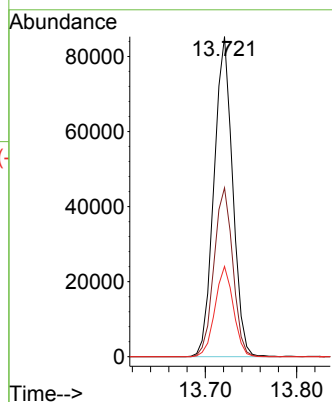
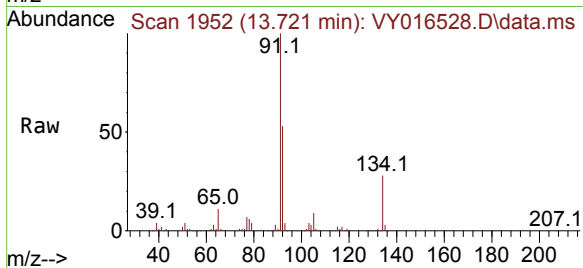
Tgt Ion: 91 Resp: 120540

Ion Ratio Lower Upper

91 100

92 53.3 25.4 76.0

134 27.8 12.6 37.6



#90

Hexachloroethane

Concen: 21.123 ug/l

RT: 13.983 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY016528.D

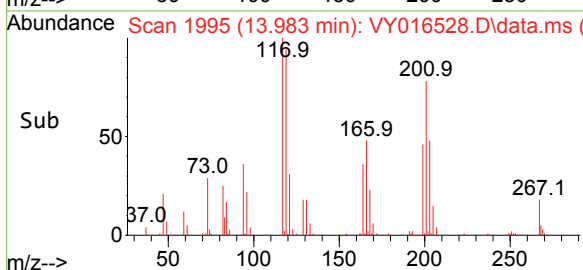
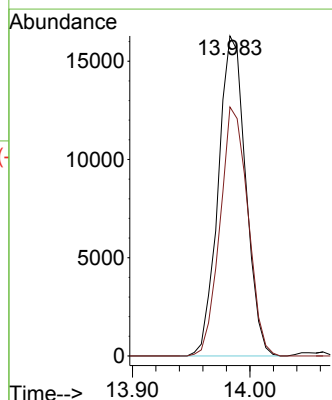
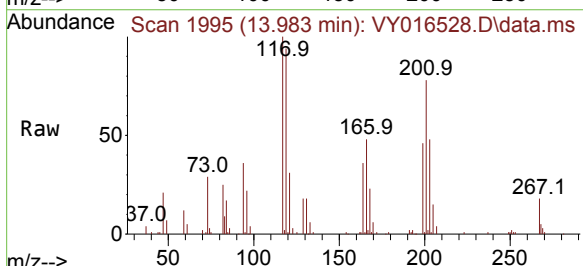
Acq: 29 Nov 2023 09:33

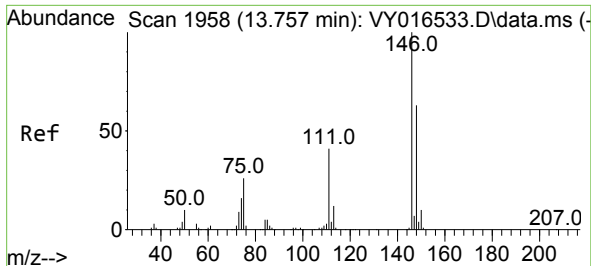
Tgt Ion: 117 Resp: 26433

Ion Ratio Lower Upper

117 100

201 78.8 41.6 124.8

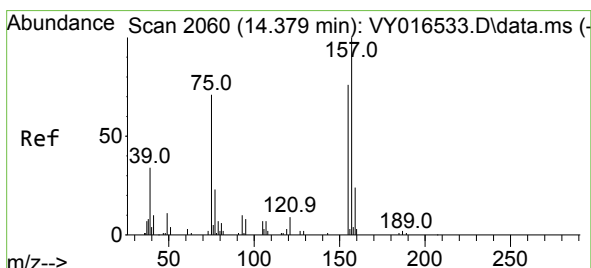
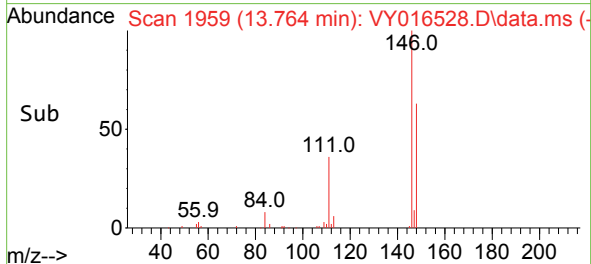
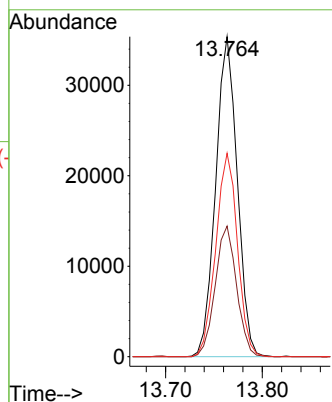
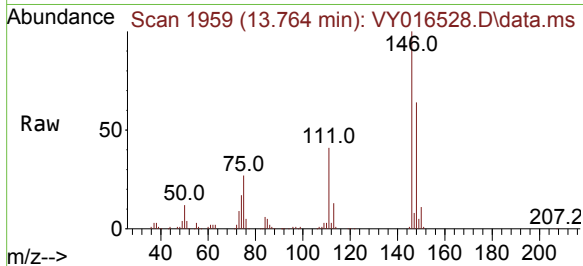




#91
1,2-Dichlorobenzene
Concen: 19.855 ug/l
RT: 13.764 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

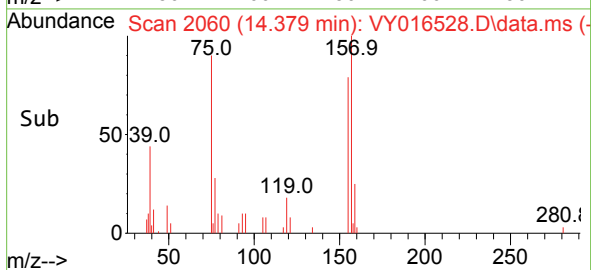
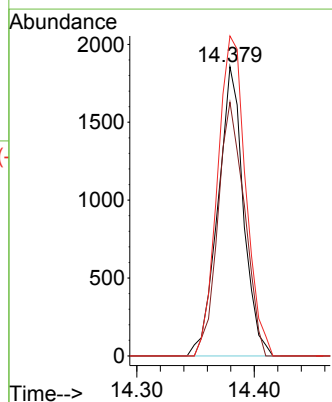
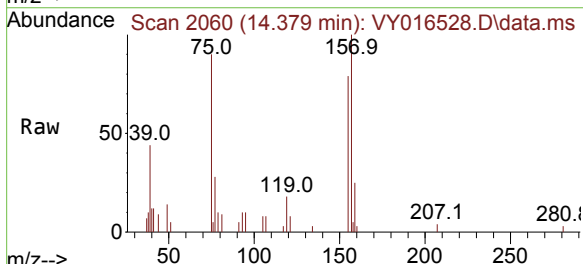
Instrument :
MSVOA_Y
ClientSampleId :

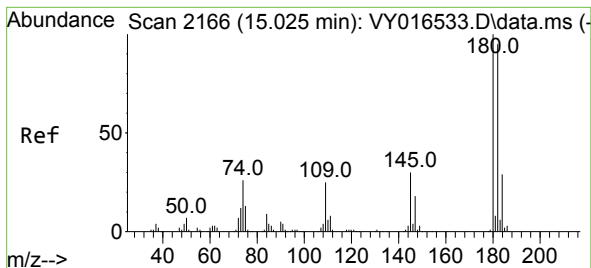
Tgt Ion:146 Resp: 54735
Ion Ratio Lower Upper
146 100
111 40.5 19.7 59.0
148 63.9 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.104 ug/l
RT: 14.379 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Tgt Ion: 75 Resp: 2797
Ion Ratio Lower Upper
75 100
155 91.4 41.5 124.6
157 122.6 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 18.288 ug/l

RT: 15.032 min Scan# 2166

Delta R.T. 0.007 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

Instrument :

MSVOA_Y

ClientSampleId :

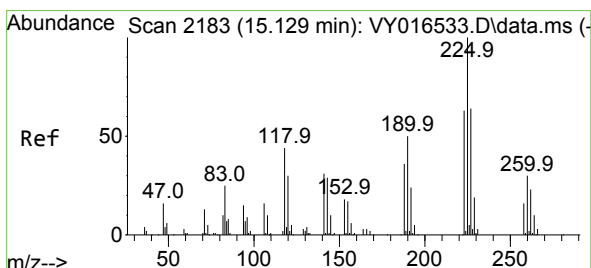
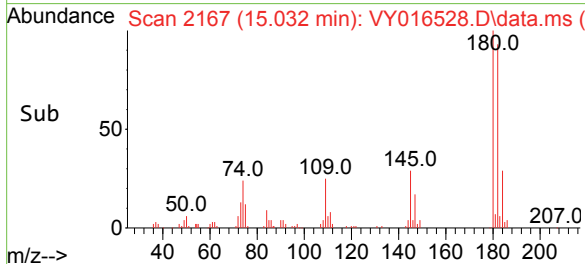
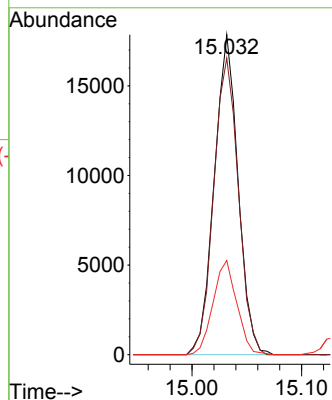
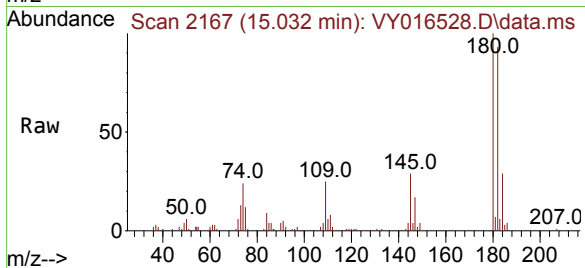
Tgt Ion:180 Resp: 26961

Ion Ratio Lower Upper

180 100

182 95.9 47.0 141.2

145 29.4 14.5 43.5



#94

Hexachlorobutadiene

Concen: 20.350 ug/l

RT: 15.135 min Scan# 2184

Delta R.T. 0.006 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

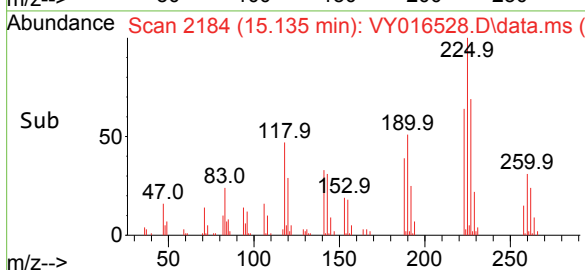
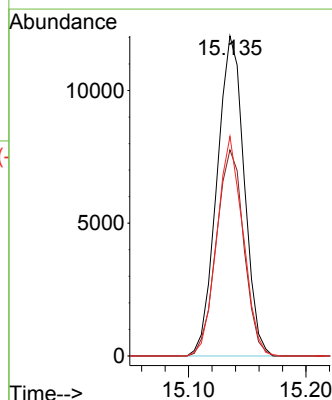
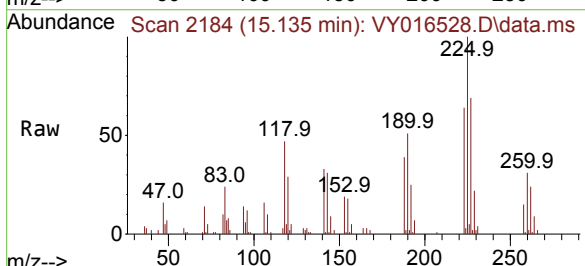
Tgt Ion:225 Resp: 19429

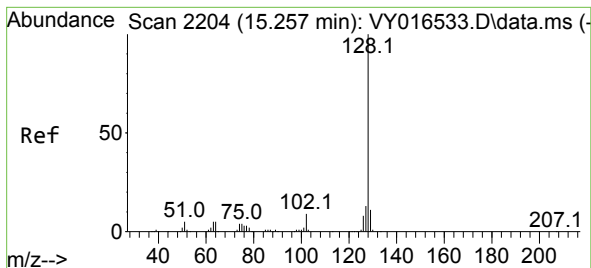
Ion Ratio Lower Upper

225 100

223 64.9 31.9 95.9

227 65.8 33.0 98.9





#95

Naphthalene

Concen: 16.730 ug/l

RT: 15.263 min Scan# 2205

Delta R.T. 0.006 min

Lab File: VY016528.D

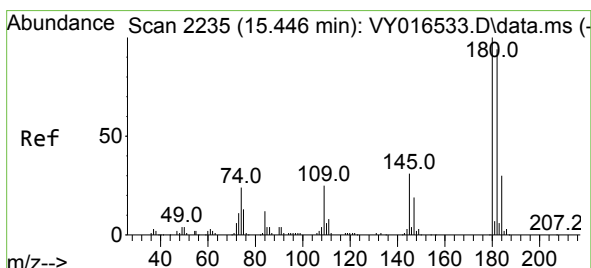
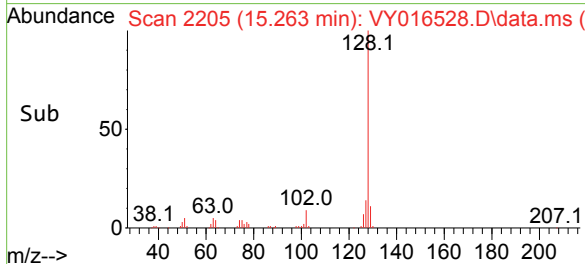
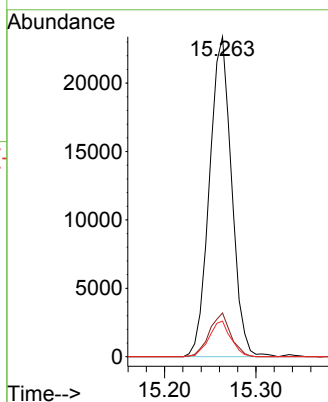
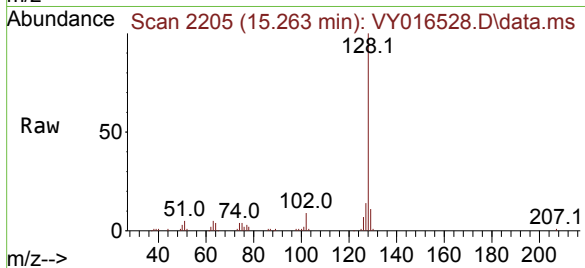
Acq: 29 Nov 2023 09:33

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	39384
Ion Ratio	Lower	Upper
128	100	
127	13.2	10.8 16.2
129	10.9	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 17.779 ug/l

RT: 15.452 min Scan# 2236

Delta R.T. 0.006 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

Tgt Ion:180	Resp:	20519
Ion Ratio	Lower	Upper
180	100	
182	93.6	47.3 141.8
145	32.5	15.4 46.2

