

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071222\
 Data File : VY009524.D
 Acq On : 12 Jul 2022 12:01
 Operator : KP/MD
 Sample : N3595-20MSD
 Misc : 6.56g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220487A-5AMSD

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/13/2022
 Supervised By : Mahesh Dadoda 07/13/2022

Quant Time: Jul 13 01:13:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	151909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	237624	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	205853	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	95964	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	42945	38.664	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	77.320%		
35) Dibromofluoromethane	7.710	113	51349	41.069	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	82.140%		
50) Toluene-d8	10.173	98	159309	45.788	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	91.580%		
62) 4-Bromofluorobenzene	12.477	95	78050	44.223	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	88.440%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	62362	53.533	ug/l	98
3) Chloromethane	2.107	50	69651	53.540	ug/l	96
4) Vinyl Chloride	2.247	62	90580	61.156	ug/l	99
5) Bromomethane	2.643	94	50389	47.354	ug/l	95
6) Chloroethane	2.784	64	48298	55.852	ug/l	94
7) Trichlorofluoromethane	3.119	101	117046	59.189	ug/l	89
8) Diethyl Ether	3.527	74	32057	42.372	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.893	101	68857	51.393	ug/l	96
10) Methyl Iodide	4.082	142	88044	48.995	ug/l	89
11) Tert butyl alcohol	4.942	59	19707	84.956	ug/l	100
12) 1,1-Dichloroethene	3.863	96	68029	54.743	ug/l	84
13) Acrolein	3.729	56	3390	55.035	ug/l	92
14) Allyl chloride	4.472	41	109851	51.377	ug/l #	96
15) Acrylonitrile	5.149	53	71776	172.419	ug/l	99
16) Acetone	3.936	43	78943	213.624	ug/l	90
17) Carbon Disulfide	4.186	76	368905	85.853	ug/l	100
18) Methyl Acetate	4.466	43	34816	32.088	ug/l	92
19) Methyl tert-butyl Ether	5.210	73	161628	42.972	ug/l	99
20) Methylene Chloride	4.704	84	79823	45.163	ug/l	90
21) trans-1,2-Dichloroethene	5.210	96	77171	52.999	ug/l	87
22) Diisopropyl ether	6.112	45	249230	54.829	ug/l	91
23) Vinyl Acetate	6.051	43	629599	199.030	ug/l	95
24) 1,1-Dichloroethane	6.009	63	135414	52.826	ug/l	97
25) 2-Butanone	6.978	43	104026	174.014	ug/l	92
26) 2,2-Dichloropropane	6.972	77	129593	51.294	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	88123	51.406	ug/l	90
28) Bromochloromethane	7.325	49	48009	44.560	ug/l #	90
29) Tetrahydrofuran	7.338	42	65791	170.154	ug/l	93
30) Chloroform	7.496	83	139544	49.739	ug/l	98
31) Cyclohexane	7.777	56	125603	50.397	ug/l	94
32) 1,1,1-Trichloroethane	7.697	97	132527	53.580	ug/l	97
36) 1,1-Dichloropropene	7.911	75	111875	54.961	ug/l	97
37) Ethyl Acetate	7.069	43	46294	36.282	ug/l	98
38) Carbon Tetrachloride	7.892	117	120314	55.266	ug/l	98
39) Methylcyclohexane	9.179	83	118591	48.536	ug/l	91
40) Benzene	8.155	78	320507	53.621	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	28816m	43.493	ug/l	
42) 1,2-Dichloroethane	8.234	62	83740	46.664	ug/l	93
43) Isopropyl Acetate	8.270	43	95515	40.120	ug/l	94
44) Trichloroethene	8.935	130	88428	52.369	ug/l	100
45) 1,2-Dichloropropane	9.209	63	77871	51.478	ug/l	98
46) Dibromomethane	9.301	93	38545	43.415	ug/l	97
47) Bromodichloromethane	9.490	83	103970	49.200	ug/l	97
48) Methyl methacrylate	9.289	41	41949	40.897	ug/l	92
49) 1,4-Dioxane	9.289	88	5956	455.534	ug/l	93
51) 4-Methyl-2-Pentanone	10.063	43	241956	193.255	ug/l	96
52) Toluene	10.240	92	210723	55.323	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	103253	46.366	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	120322	48.456	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	55553	43.373	ug/l	99
56) Ethyl methacrylate	10.508	69	75271	44.265	ug/l	88
57) 1,3-Dichloropropane	10.788	76	95812	45.377	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.776	63	158062	190.278	ug/l	96
59) 2-Hexanone	10.831	43	171866	198.104	ug/l	94
60) Dibromochloromethane	10.983	129	70363	45.366	ug/l	98
61) 1,2-Dibromoethane	11.087	107	52482	42.742	ug/l	98
64) Tetrachloroethene	10.715	164	79822	46.378	ug/l	97
65) Chlorobenzene	11.514	112	217657	53.836	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	81207	53.397	ug/l	97
67) Ethyl Benzene	11.587	91	401702	56.914	ug/l	97
68) m/p-Xylenes	11.703	106	321973	116.966	ug/l	93
69) o-Xylene	12.026	106	153683	58.246	ug/l	92
70) Styrene	12.044	104	251401	57.045	ug/l	96
71) Bromoform	12.203	173	44040	45.435	ug/l #	99
73) Isopropylbenzene	12.325	105	398424	60.708	ug/l	98
74) N-amyl acetate	12.142	43	82808	44.346	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	63798	48.550	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	44709m	44.011	ug/l	
77) Bromobenzene	12.605	156	90399	56.580	ug/l	91
78) n-propylbenzene	12.666	91	467488	58.960	ug/l	98
79) 2-Chlorotoluene	12.757	91	261521	58.914	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	319806	58.298	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.373	75	21763	43.846	ug/l #	85
82) 4-Chlorotoluene	12.855	91	268530	57.723	ug/l	95
83) tert-Butylbenzene	13.074	119	277061	56.769	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	314273	57.557	ug/l	96
85) sec-Butylbenzene	13.251	105	385990	53.701	ug/l	98
86) p-Isopropyltoluene	13.367	119	319273	53.288	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	166840	52.901	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	166663	52.213	ug/l	98
89) n-Butylbenzene	13.696	91	263691	47.131	ug/l	98
90) Hexachloroethane	13.958	117	58670	49.908	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	145864	50.480	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9165	39.792	ug/l	81
93) 1,2,4-Trichlorobenzene	15.007	180	61125	34.684	ug/l	98
94) Hexachlorobutadiene	15.111	225	24467	25.252	ug/l	99
95) Naphthalene	15.233	128	126264	34.652	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	46379	30.385	ug/l	97

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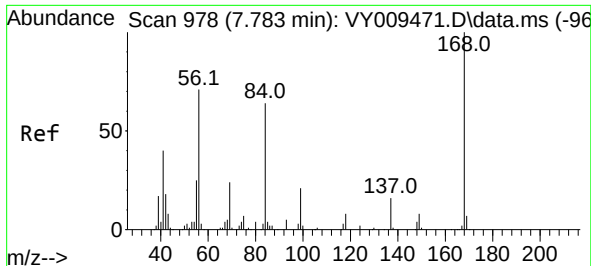
Manual Integrations
APPROVED

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Response via : Initial Calibration

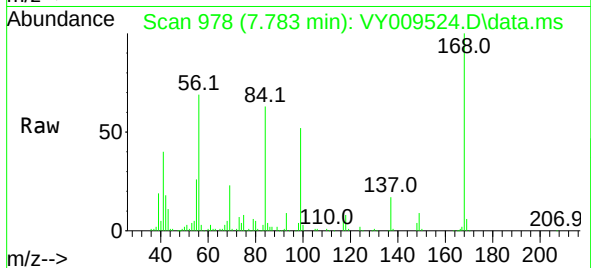
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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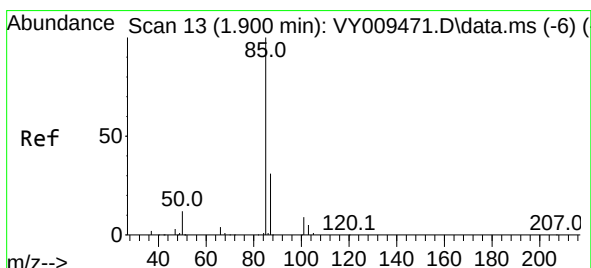
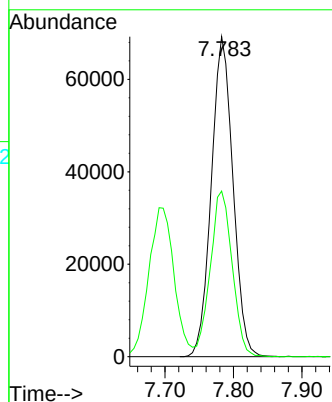
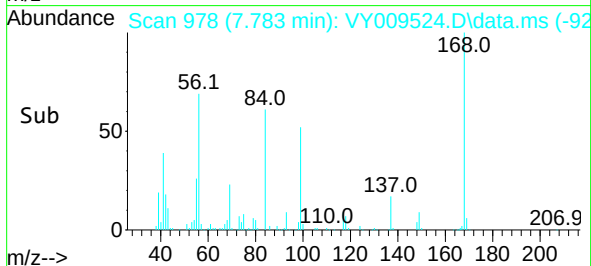
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Tgt Ion:168 Resp: 151909
Ion Ratio Lower Upper
168 100
99 51.8 46.9 70.3

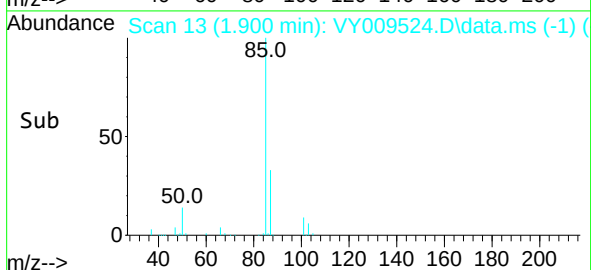
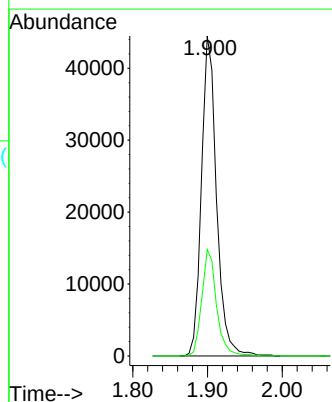
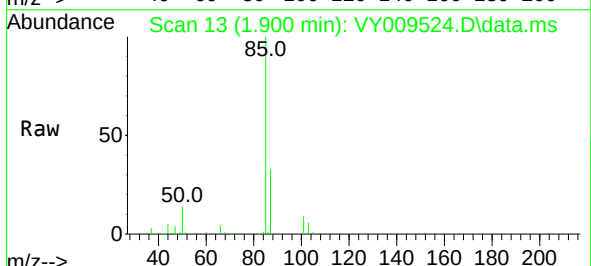
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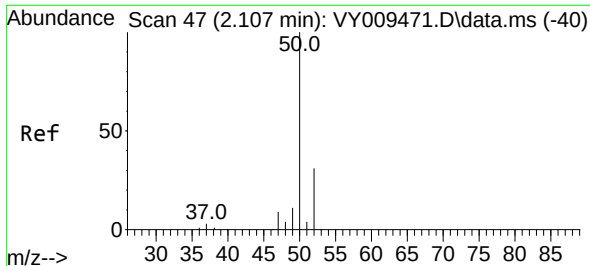
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#2
Dichlorodifluoromethane
Concen: 53.533 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01

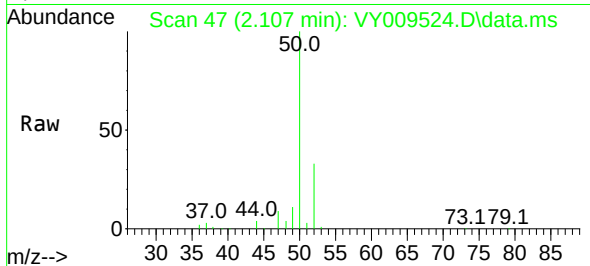
Tgt Ion: 85 Resp: 62362
Ion Ratio Lower Upper
85 100
87 33.3 16.1 48.2





#3
Chloromethane
Concen: 53.540 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01

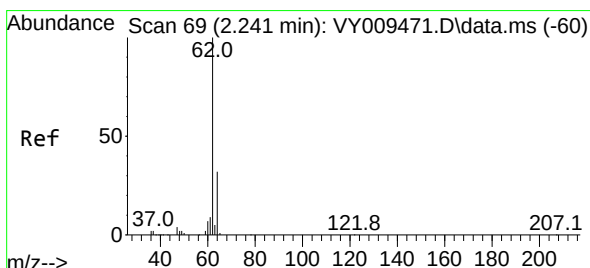
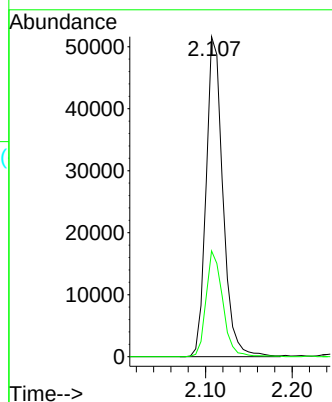
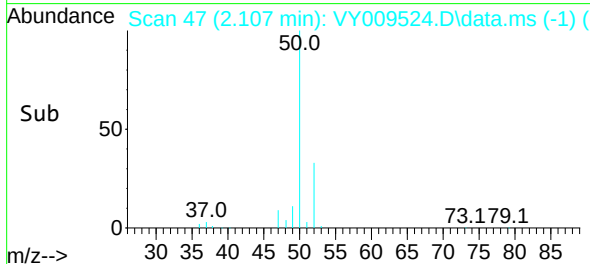
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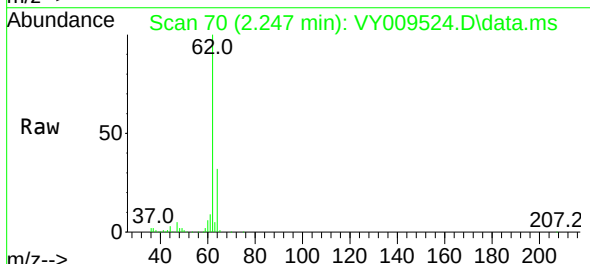
Tgt Ion: 50 Resp: 6965
Ion Ratio Lower Upper
50 100
52 33.0 24.6 37.0

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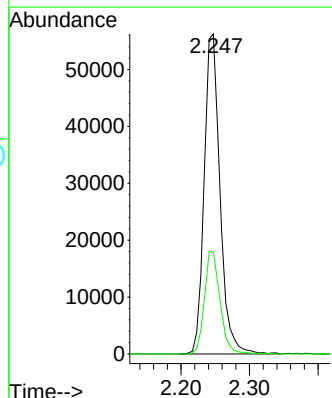
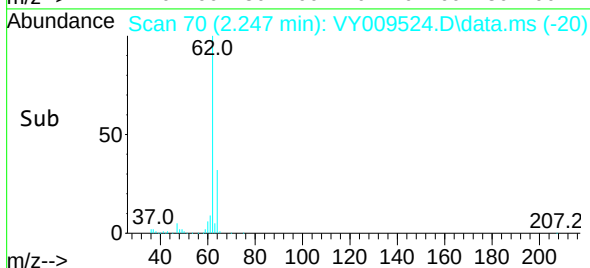
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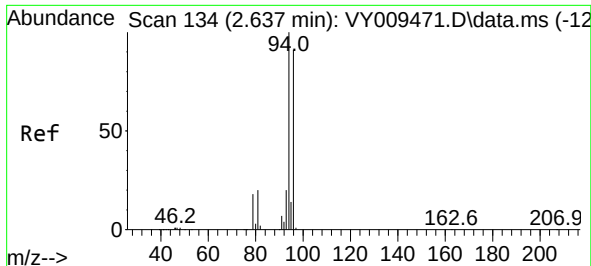


#4
Vinyl Chloride
Concen: 61.156 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01



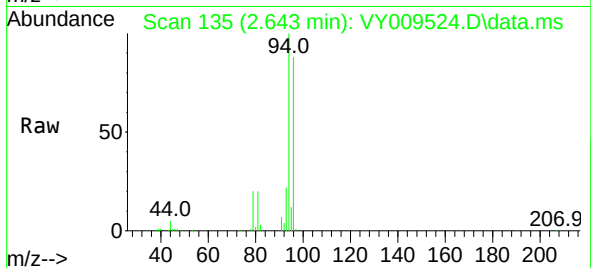
Tgt Ion: 62 Resp: 90580
Ion Ratio Lower Upper
62 100
64 32.0 25.0 37.6





#5
Bromomethane
Concen: 47.354 ug/l
RT: 2.643 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01

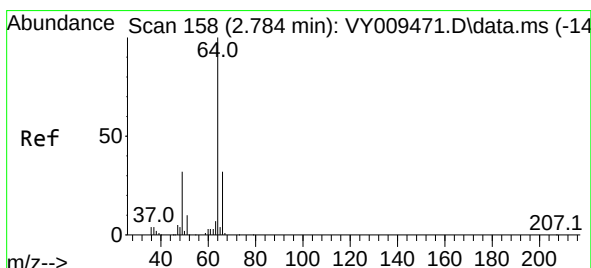
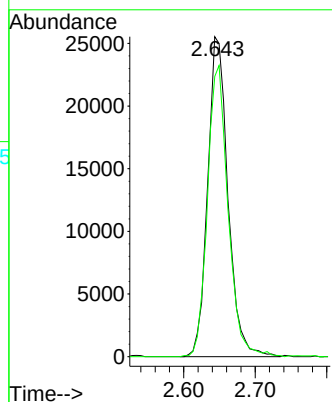
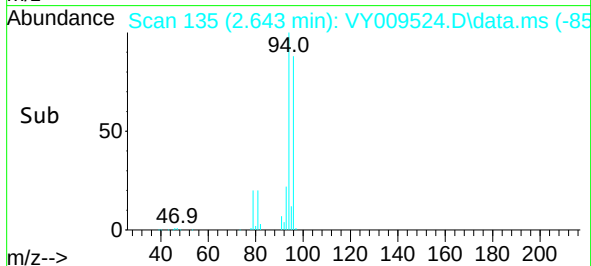
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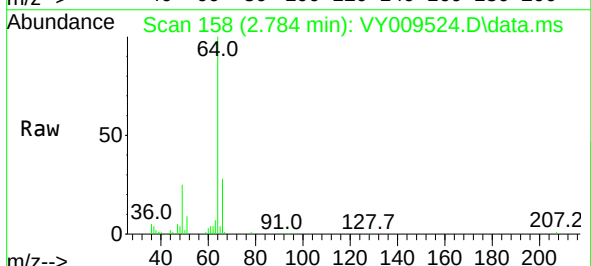
Tgt Ion: 94 Resp: 50389
Ion Ratio Lower Upper
94 100
96 87.6 73.5 110.3

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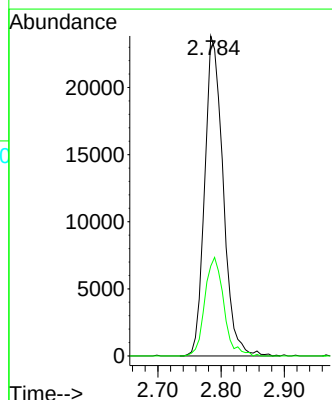
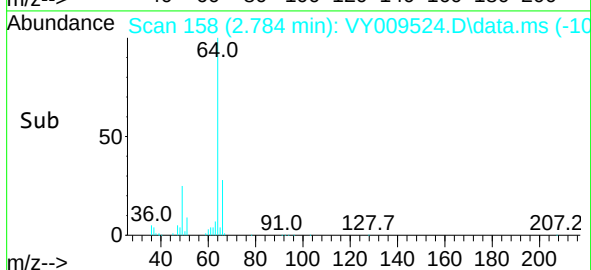
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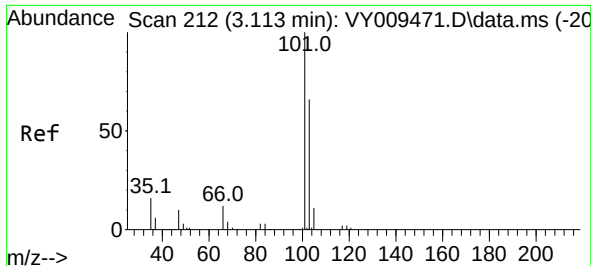


#6
Chloroethane
Concen: 55.852 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY009524.D
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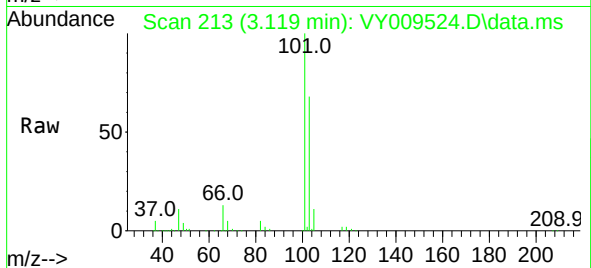
Tgt Ion: 64 Resp: 48298
Ion Ratio Lower Upper
64 100
66 28.1 25.4 38.0





#7
Trichlorofluoromethane
Concen: 59.189 ug/l
RT: 3.119 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY009524.D
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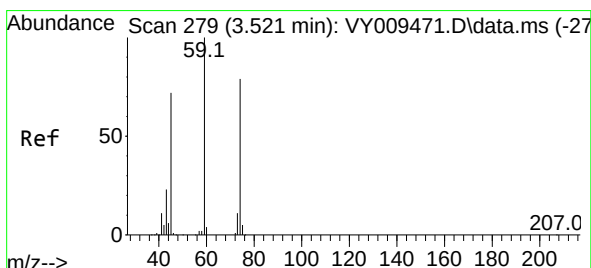
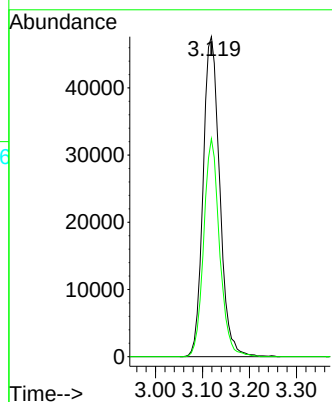
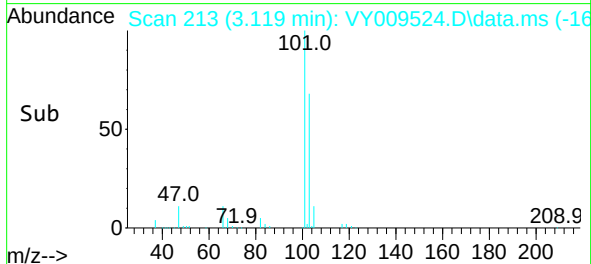
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Tgt Ion:101 Resp: 117040
Ion Ratio Lower Upper
101 100
103 68.1 48.0 72.0

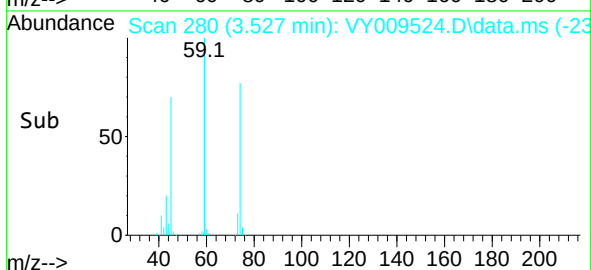
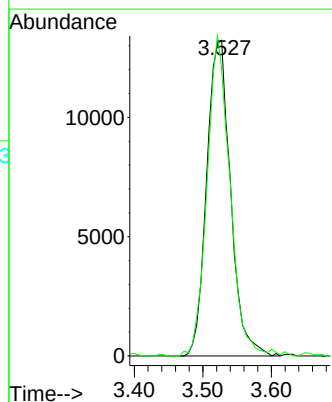
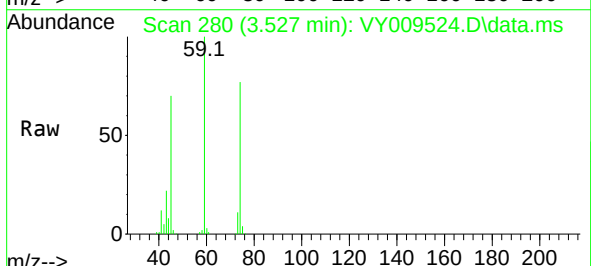
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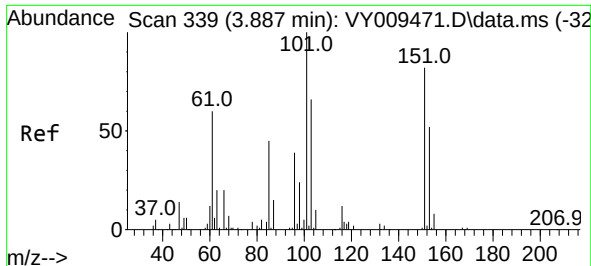
Reviewed By :John Carlone 07/13/2022
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#8
Diethyl Ether
Concen: 42.372 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 32057
Ion Ratio Lower Upper
74 100
45 97.0 55.1 165.5





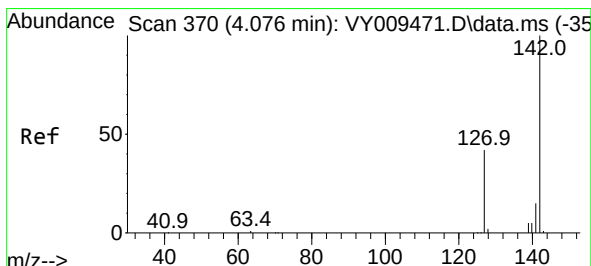
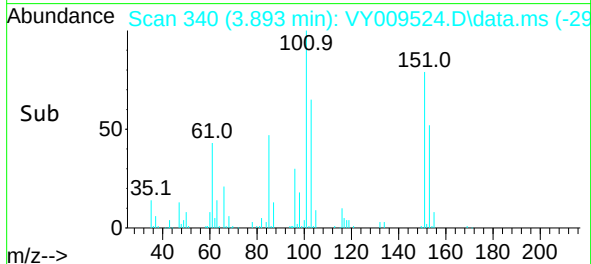
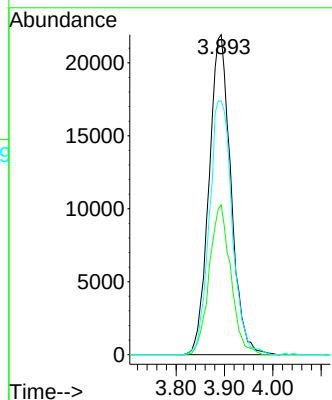
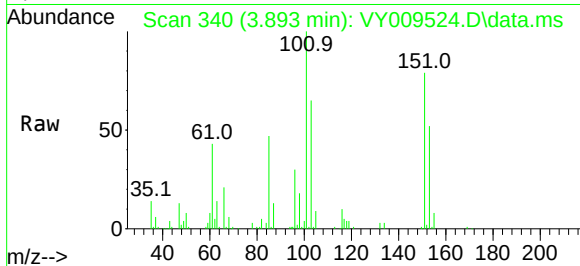
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.393 ug/l
RT: 3.893 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01

Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMSD

Tgt Ion:101 Resp: 6885
Ion Ratio Lower Upper
101 100
85 45.9 40.6 60.8
151 82.9 64.9 97.3

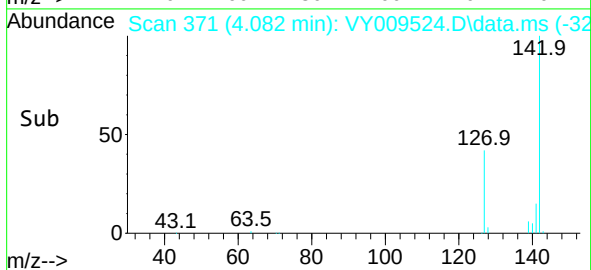
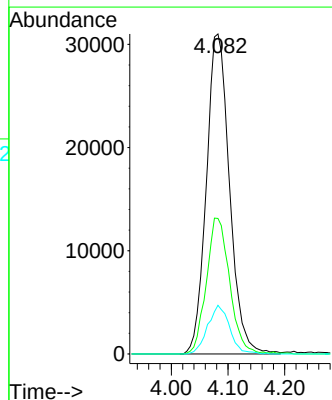
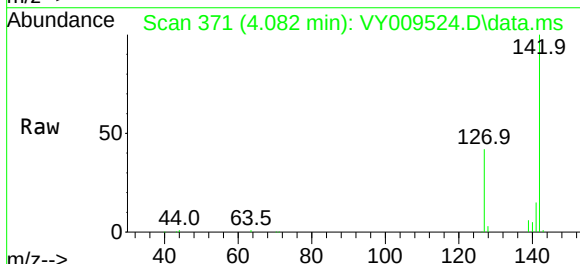
Manual Integrations
APPROVED

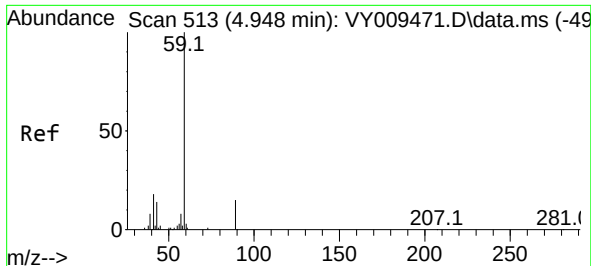
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#10
Methyl Iodide
Concen: 48.995 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.006 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01

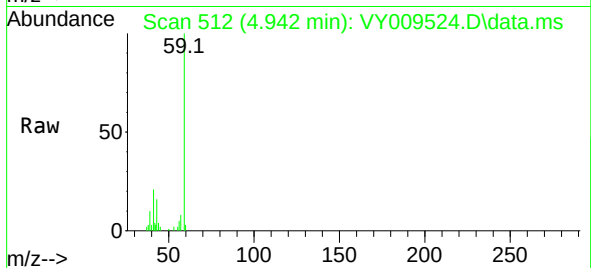
Tgt Ion:142 Resp: 88044
Ion Ratio Lower Upper
142 100
127 42.6 41.5 62.3
141 14.4 11.9 17.9





#11
Tert butyl alcohol
Concen: 84.956 ug/l
RT: 4.942 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01

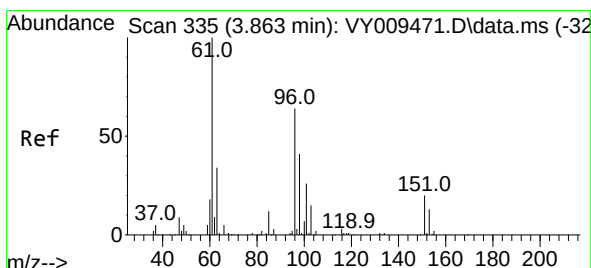
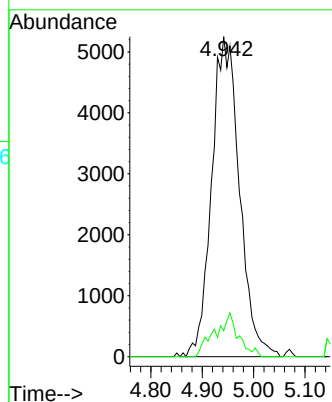
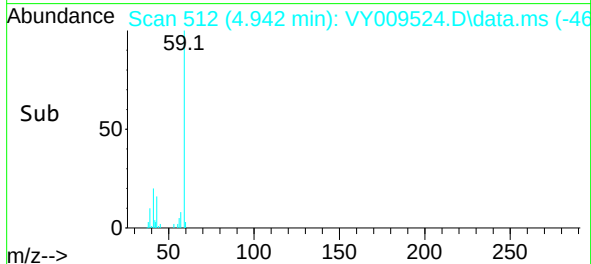
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMSD



Tgt Ion: 59 Resp: 1970
Ion Ratio Lower Upper
59 100
57 7.9 6.4 9.6

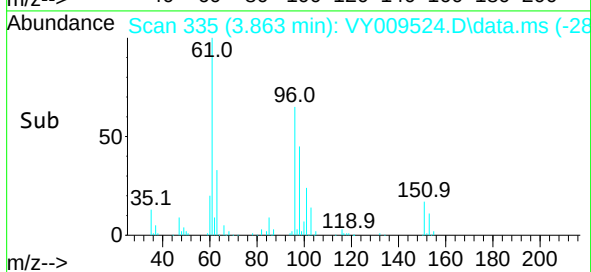
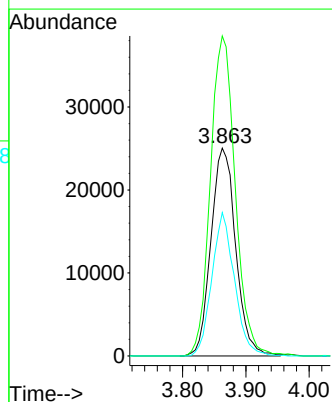
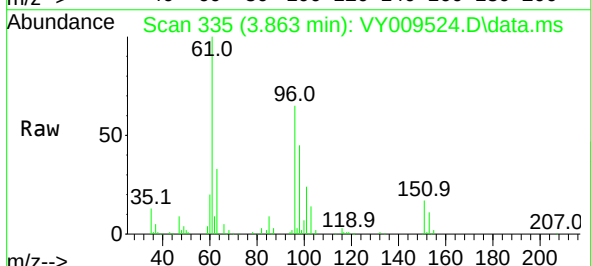
Manual Integrations
APPROVED

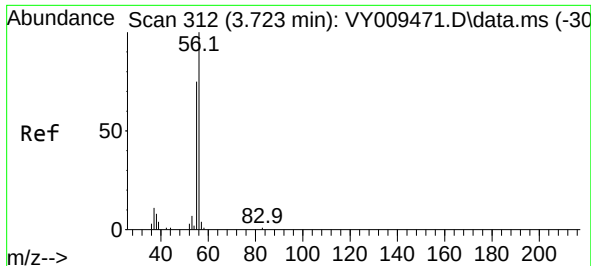
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#12
1,1-Dichloroethene
Concen: 54.743 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01

Tgt Ion: 96 Resp: 68029
Ion Ratio Lower Upper
96 100
61 153.9 145.8 218.6
98 69.0 52.5 78.7





#13

Acrolein

Concen: 55.035 ug/l

RT: 3.729 min Scan# 312

Delta R.T. 0.006 min

Lab File: VY009524.D

Acq: 12 Jul 2022 12:01

Instrument :

MSVOA_Y

ClientSampleId :

20220487A-5AMSD

Tgt Ion: 56 Resp: 3390

Ion Ratio Lower Upper

56 100

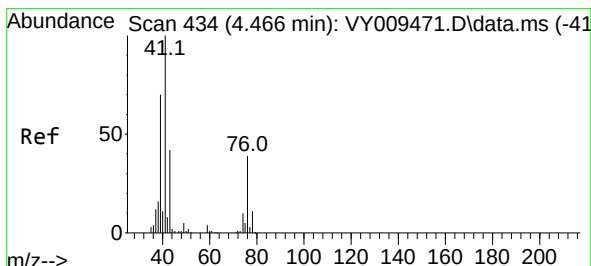
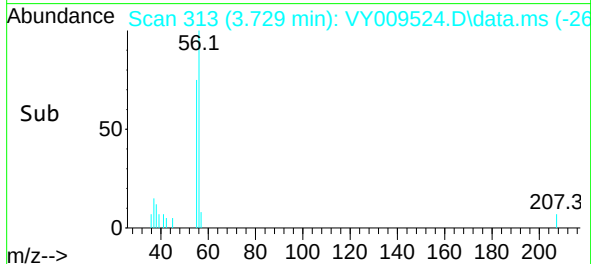
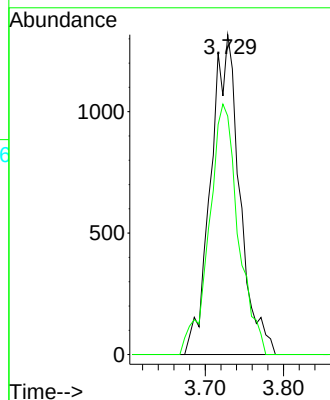
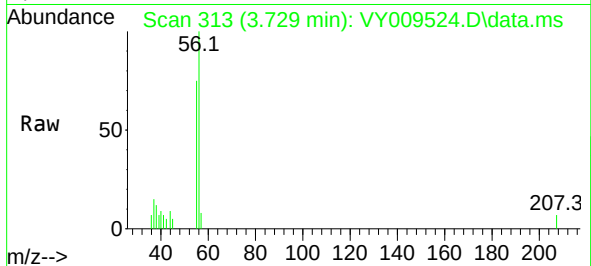
55 78.8 57.6 86.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#14

Allyl chloride

Concen: 51.377 ug/l

RT: 4.472 min Scan# 435

Delta R.T. 0.006 min

Lab File: VY009524.D

Acq: 12 Jul 2022 12:01

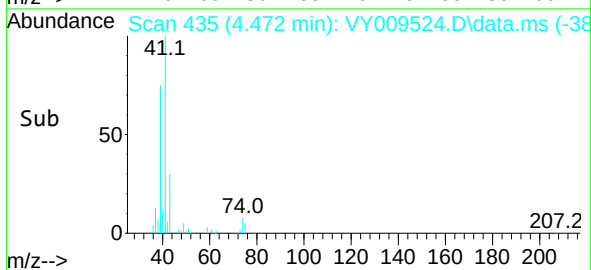
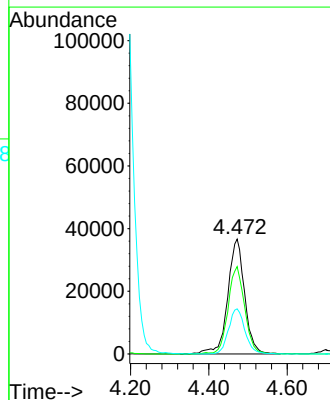
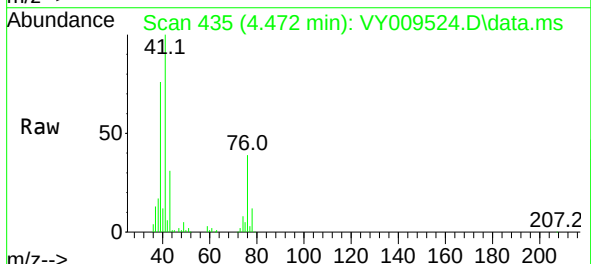
Tgt Ion: 41 Resp: 109851

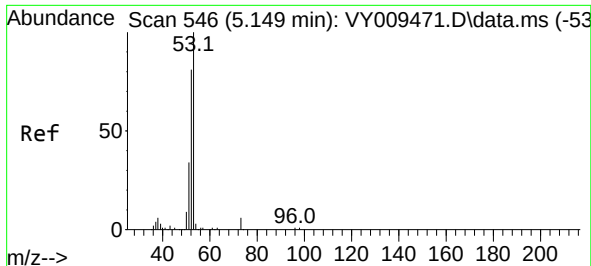
Ion Ratio Lower Upper

41 100

39 74.2 58.8 88.2

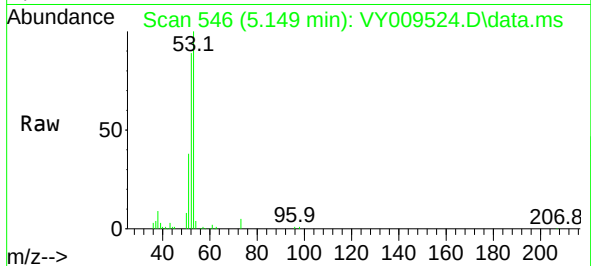
76 38.2 25.1 37.7#





#15
Acrylonitrile
Concen: 172.419 ug/l
RT: 5.149 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01

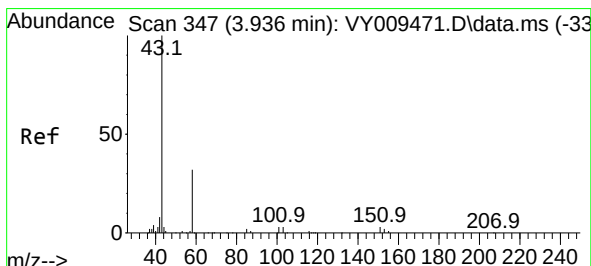
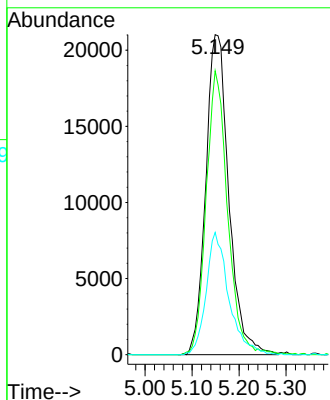
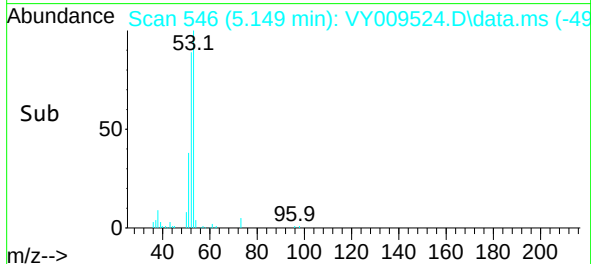
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMSD



Tgt Ion: 53 Resp: 71770
Ion Ratio Lower Upper
53 100
52 82.6 67.0 100.4
51 37.6 29.8 44.6

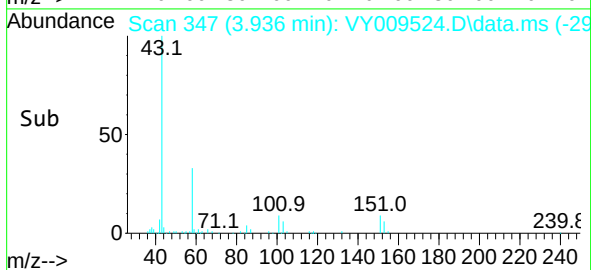
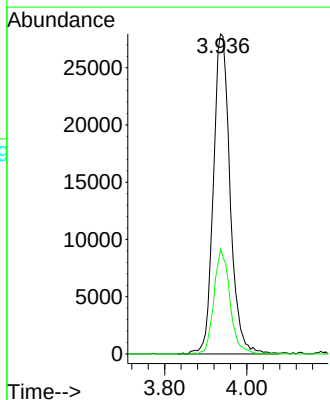
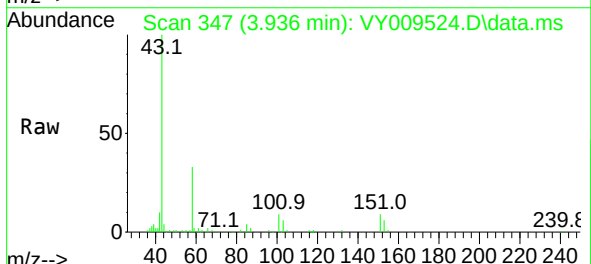
Manual Integrations
APPROVED

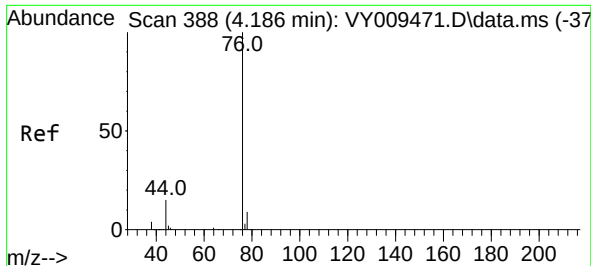
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#16
Acetone
Concen: 213.624 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01

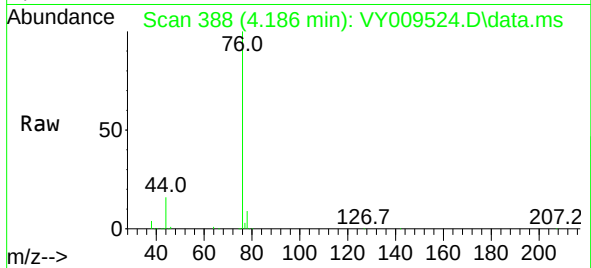
Tgt Ion: 43 Resp: 78943
Ion Ratio Lower Upper
43 100
58 32.8 22.0 33.0





#17
Carbon Disulfide
Concen: 85.853 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01

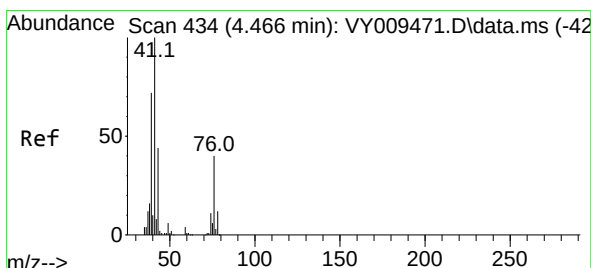
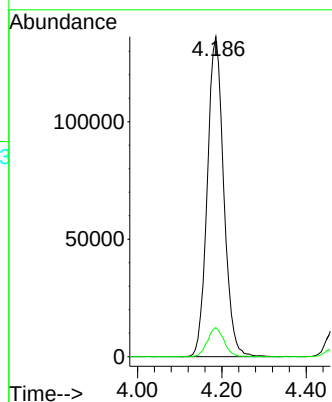
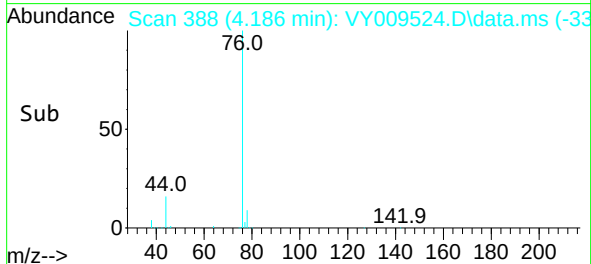
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMSD



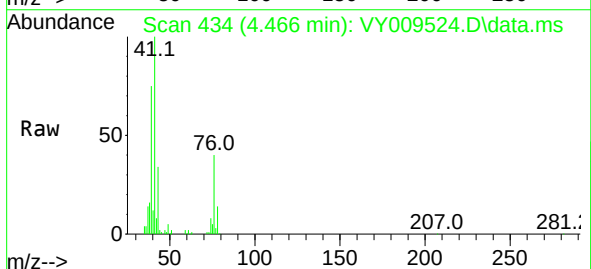
Tgt Ion: 76 Resp: 36890
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

Manual Integrations
APPROVED

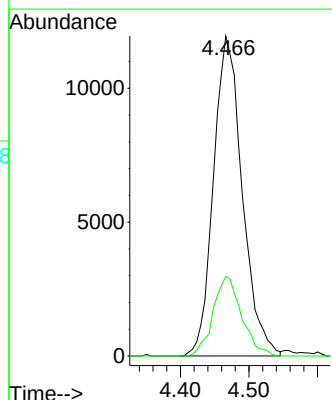
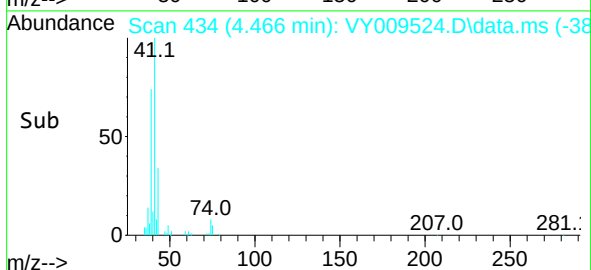
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

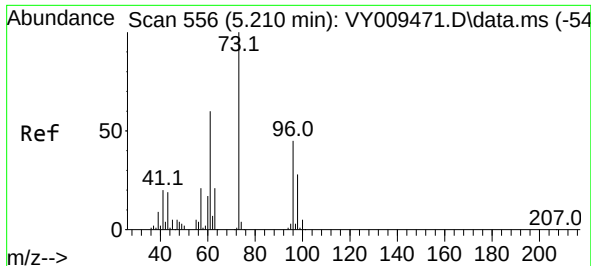


#18
Methyl Acetate
Concen: 32.088 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01



Tgt Ion: 43 Resp: 34816
Ion Ratio Lower Upper
43 100
74 24.6 16.6 24.8





#19

Methyl tert-butyl Ether

Concen: 42.972 ug/l

RT: 5.210 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY009524.D

Acq: 12 Jul 2022 12:01

Instrument :

MSVOA_Y

ClientSampleId :

20220487A-5AMSD

Tgt Ion: 73 Resp: 161628

Ion Ratio Lower Upper

73 100

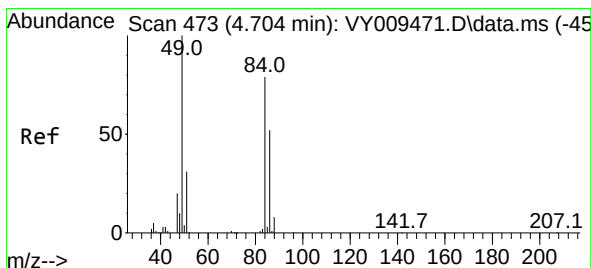
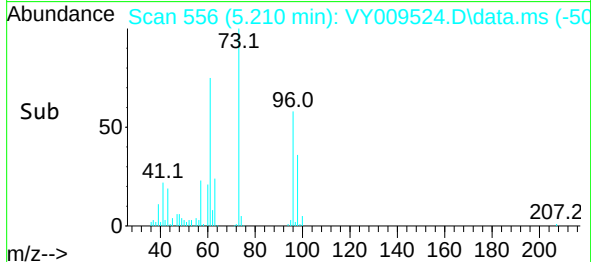
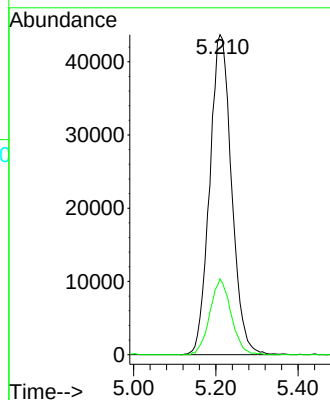
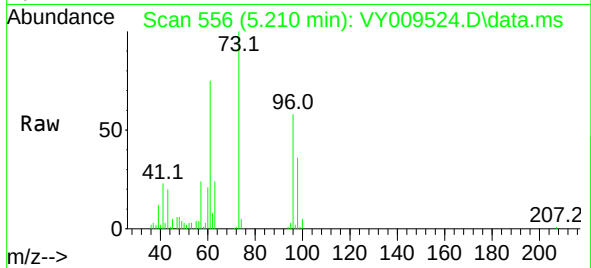
57 23.7 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#20

Methylene Chloride

Concen: 45.163 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY009524.D

Acq: 12 Jul 2022 12:01

Tgt Ion: 84 Resp: 79823

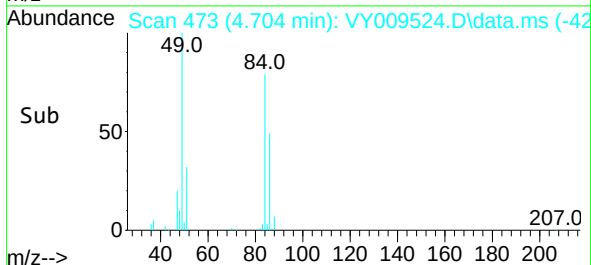
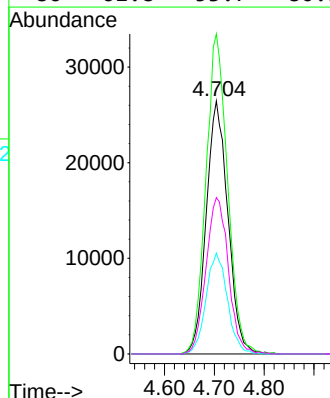
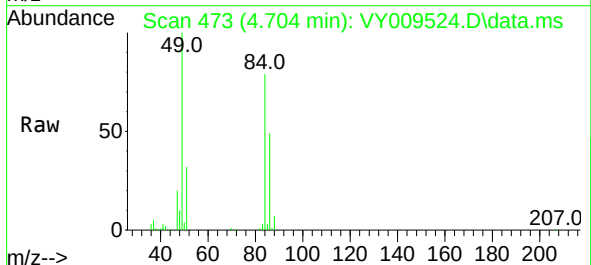
Ion Ratio Lower Upper

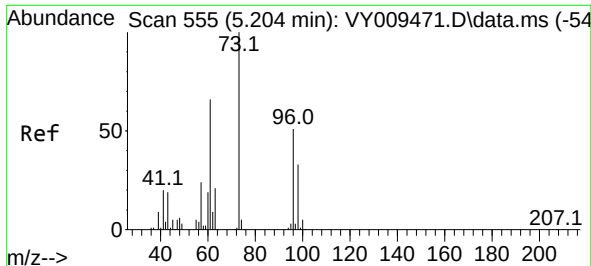
84 100

49 126.5 114.4 171.6

51 39.9 35.3 52.9

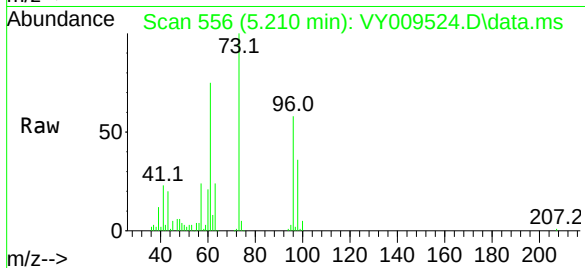
86 61.8 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 52.999 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01

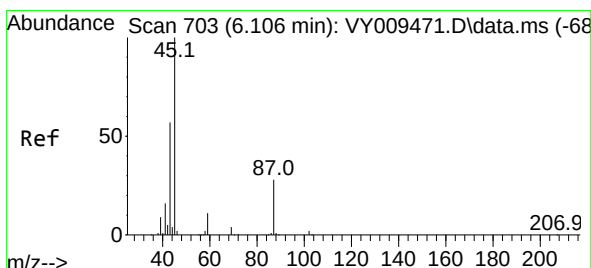
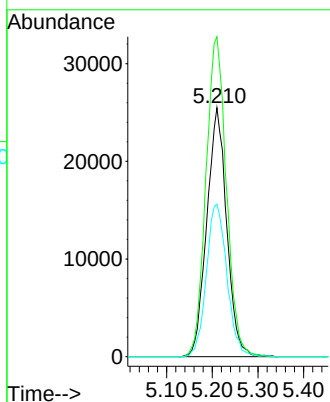
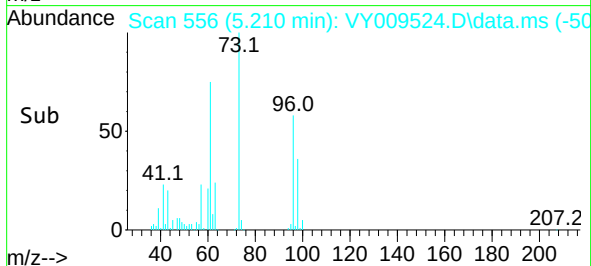
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMSD



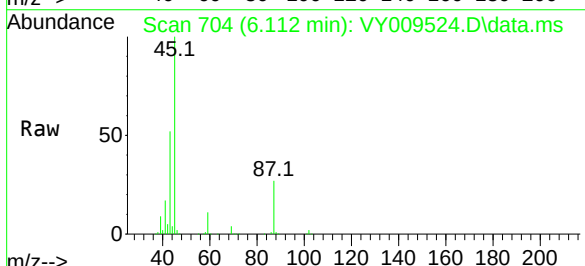
Tgt Ion: 96 Resp: 7717
Ion Ratio Lower Upper
96 100
61 128.5 120.5 180.7
98 61.3 49.8 74.8

Manual Integrations
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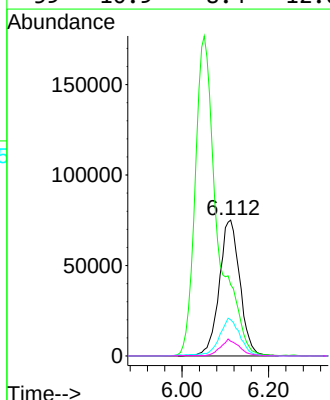
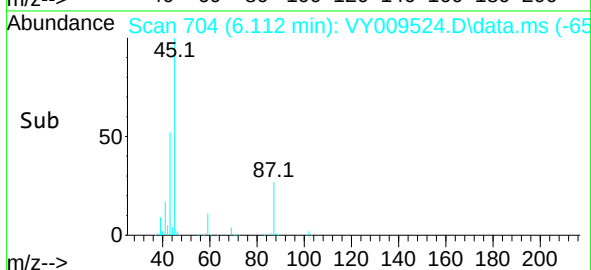
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

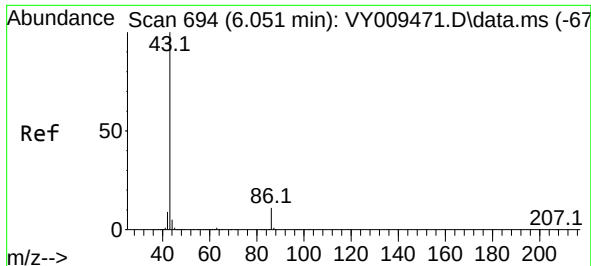


#22
Diisopropyl ether
Concen: 54.829 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.006 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01



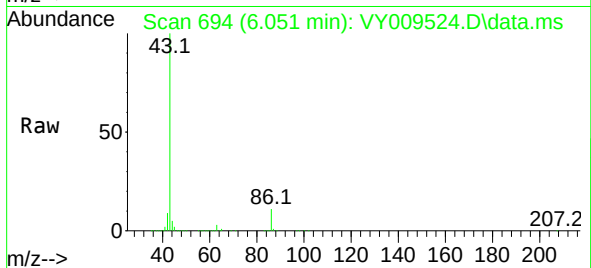
Tgt Ion: 45 Resp: 249230
Ion Ratio Lower Upper
45 100
43 52.0 49.3 73.9
87 26.7 19.2 28.8
59 10.9 8.4 12.6





#23
 Vinyl Acetate
 Concen: 199.030 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY009524.D
 Acq: 12 Jul 2022 12:01

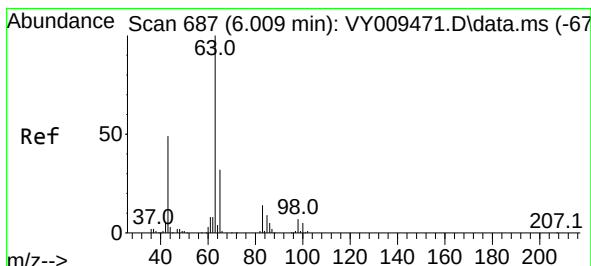
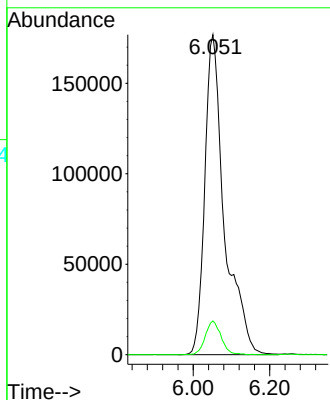
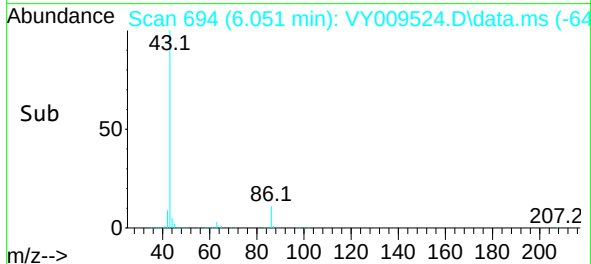
Instrument :
 MSVOA_Y
 ClientSampleId :
 20220487A-5AMSD



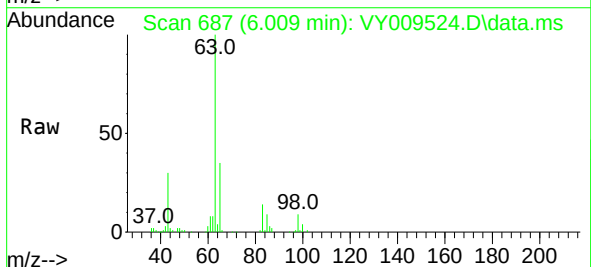
Tgt Ion: 43 Resp: 62959
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.1 10.7

Manual Integrations
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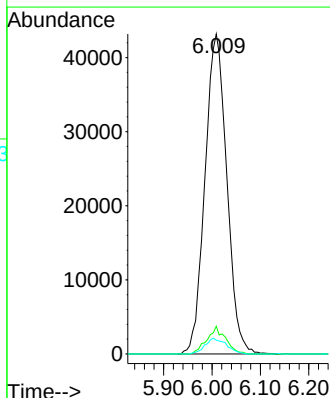
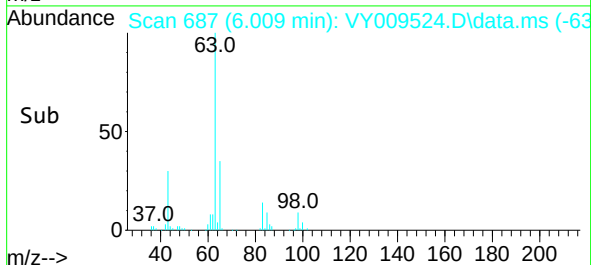
Reviewed By :John Carlone 07/13/2022
 Supervised By :Mahesh Dadoda 07/13/2022

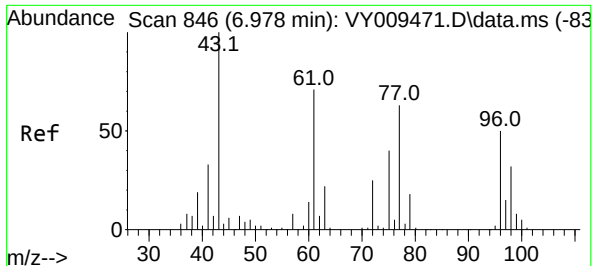


#24
 1,1-Dichloroethane
 Concen: 52.826 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY009524.D
 Acq: 12 Jul 2022 12:01



Tgt Ion: 63 Resp: 135414
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.6 10.8
 100 4.3 2.0 5.8





#25

2-Butanone

Concen: 174.014 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY009524.D

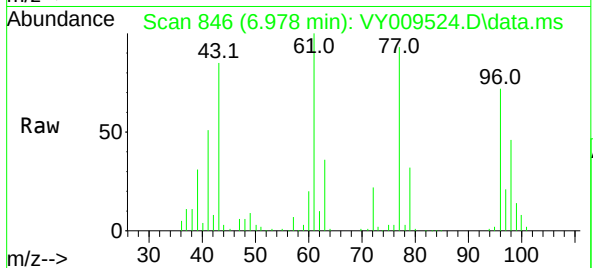
Acq: 12 Jul 2022 12:01

Instrument :

MSVOA_Y

ClientSampleId :

20220487A-5AMSD



Tgt Ion: 43 Resp: 104020

Ion Ratio Lower Upper

43 100

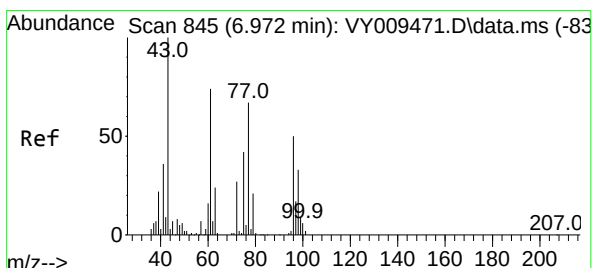
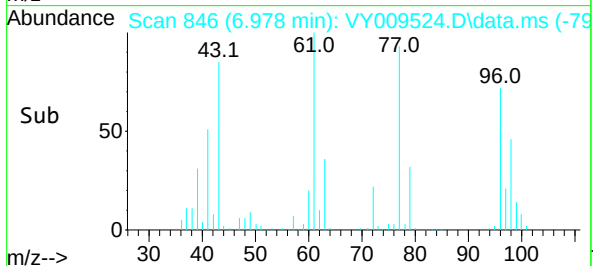
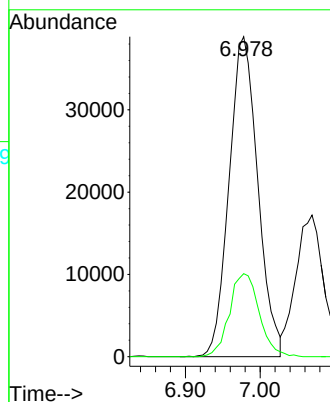
72 25.9 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#26

2,2-Dichloropropane

Concen: 51.294 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY009524.D

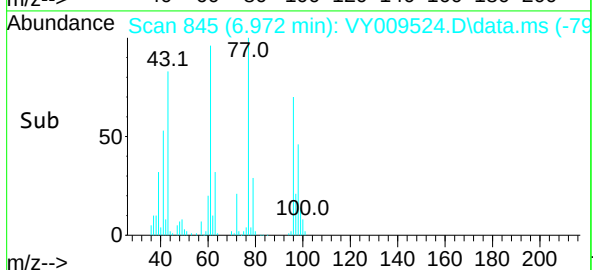
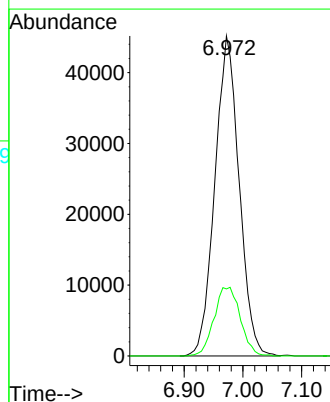
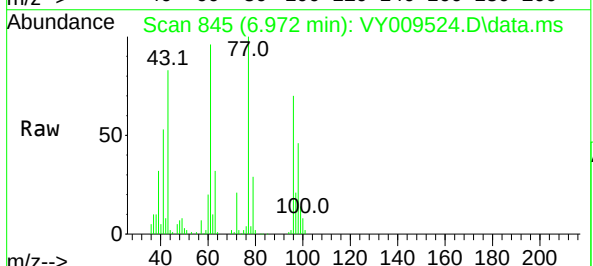
Acq: 12 Jul 2022 12:01

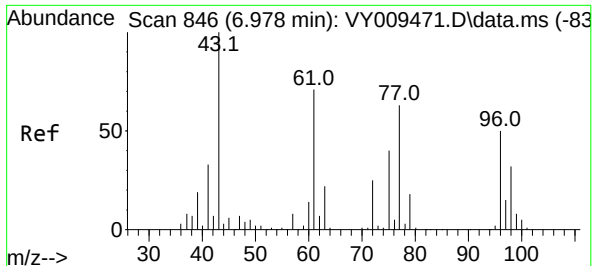
Tgt Ion: 77 Resp: 129593

Ion Ratio Lower Upper

77 100

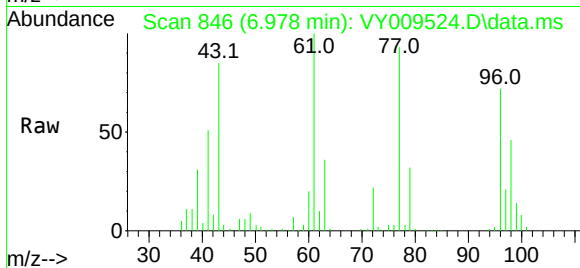
97 23.2 10.4 31.4





#27
 cis-1,2-Dichloroethene
 Concen: 51.406 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY009524.D
 Acq: 12 Jul 2022 12:01

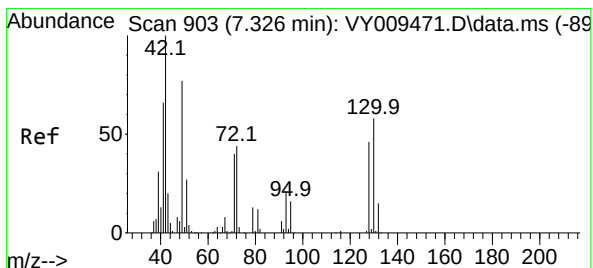
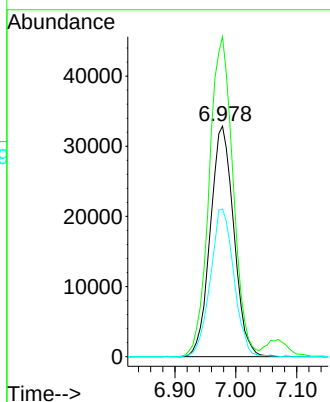
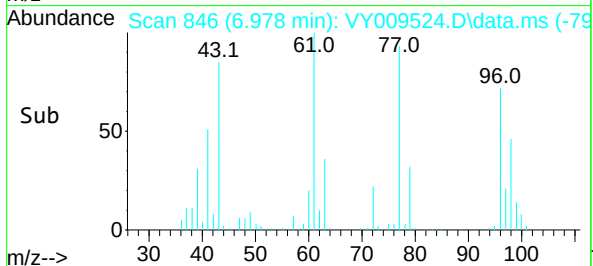
Instrument :
 MSVOA_Y
 ClientSampleId :
 20220487A-5AMSD



Tgt Ion: 96 Resp: 8812
 Ion Ratio Lower Upper
 96 100
 61 141.2 0.0 319.8
 98 64.4 0.0 127.0

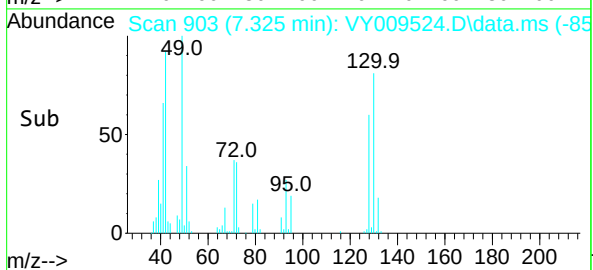
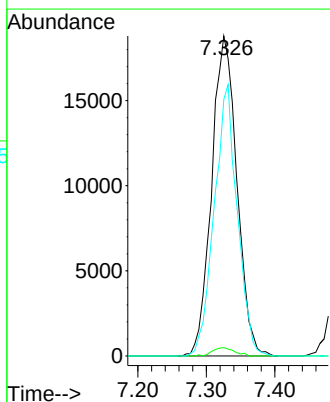
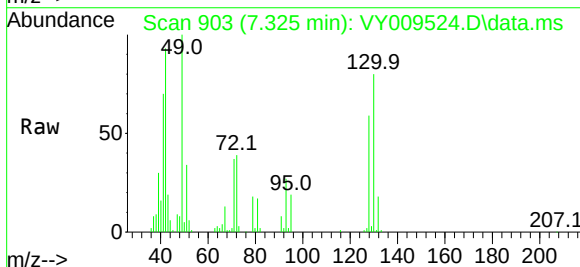
Manual Integrations
 APPROVED

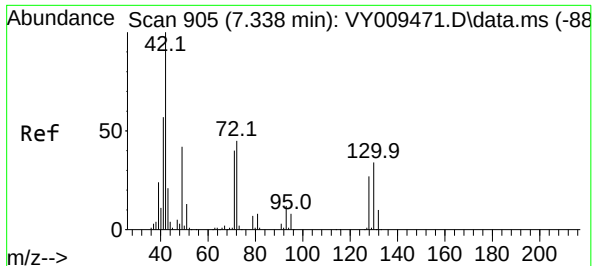
Reviewed By :John Carlone 07/13/2022
 Supervised By :Mahesh Dadoda 07/13/2022



#28
 Bromochloromethane
 Concen: 44.560 ug/l
 RT: 7.325 min Scan# 903
 Delta R.T. -0.000 min
 Lab File: VY009524.D
 Acq: 12 Jul 2022 12:01

Tgt Ion: 49 Resp: 48009
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 2.2#
 130 77.4 55.4 83.0





#29

Tetrahydrofuran

Concen: 170.154 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY009524.D

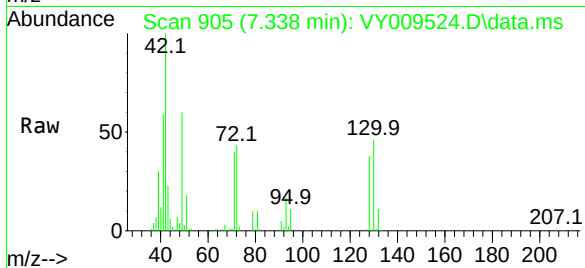
Acq: 12 Jul 2022 12:01

Instrument :

MSVOA_Y

ClientSampleId :

20220487A-5AMSD



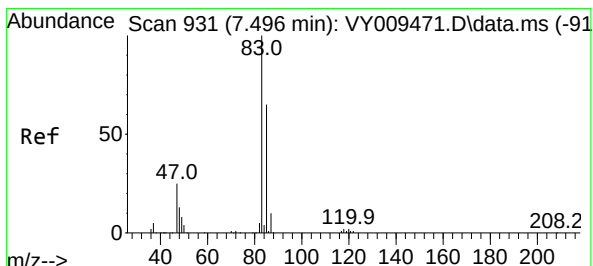
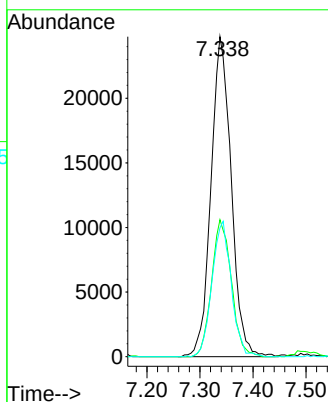
Tgt Ion:	42	Resp:	6579
Ion Ratio	Lower	Upper	
42	100		
72	41.8	30.3	45.5
71	40.3	29.0	43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#30

Chloroform

Concen: 49.739 ug/l

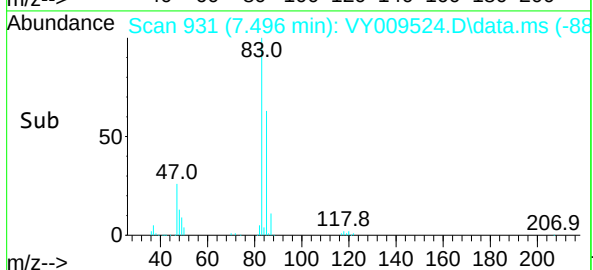
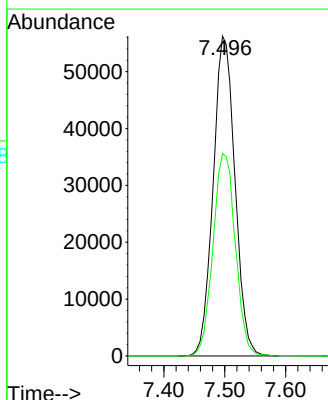
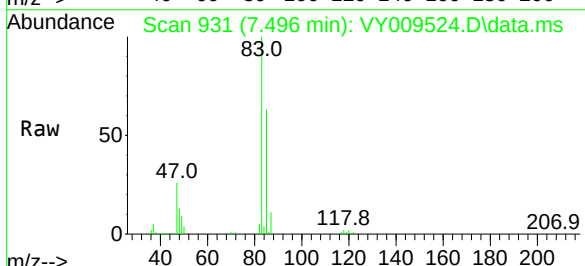
RT: 7.496 min Scan# 931

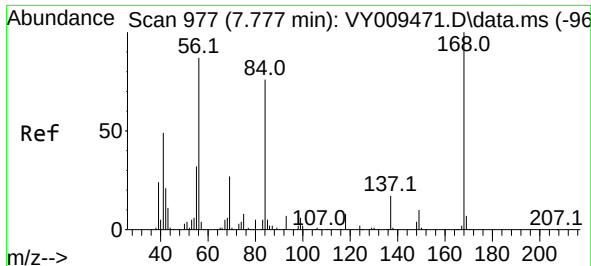
Delta R.T. 0.000 min

Lab File: VY009524.D

Acq: 12 Jul 2022 12:01

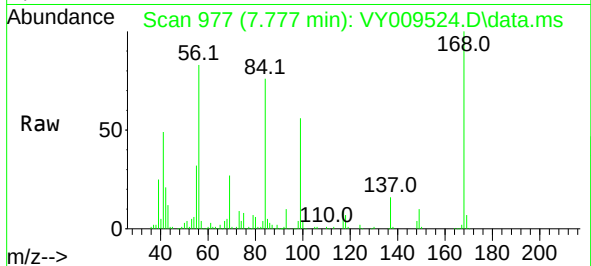
Tgt Ion:	83	Resp:	139544
Ion Ratio	Lower	Upper	
83	100		
85	63.2	51.8	77.6





#31
Cyclohexane
Concen: 50.397 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01

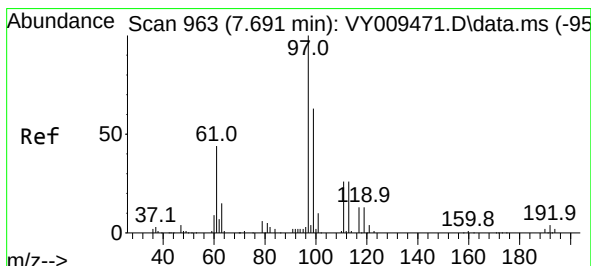
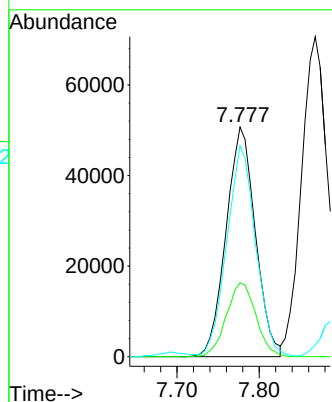
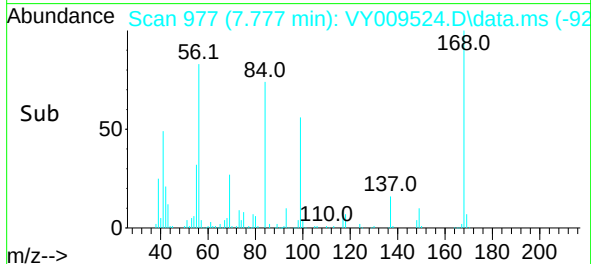
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMSD



Tgt Ion: 56 Resp: 12560
Ion Ratio Lower Upper
56 100
69 32.2 26.7 40.1
84 90.5 67.2 100.8

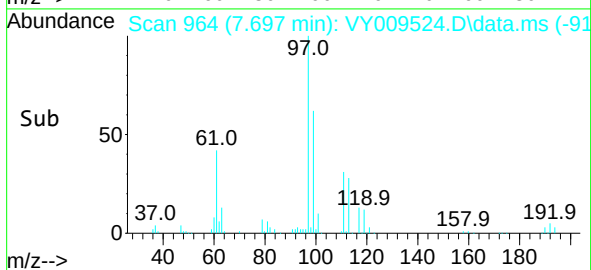
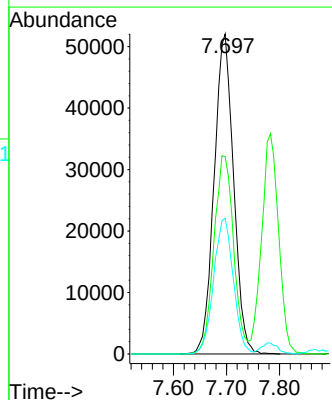
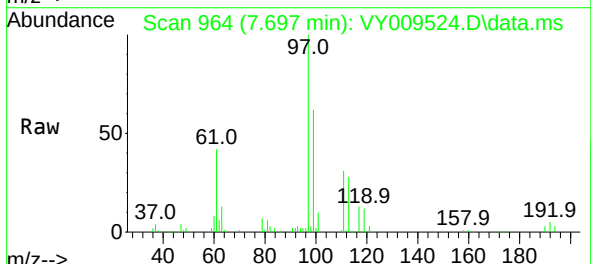
Manual Integrations
APPROVED

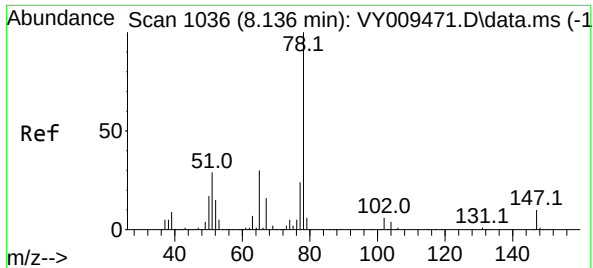
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#32
1,1,1-Trichloroethane
Concen: 53.580 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.006 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01

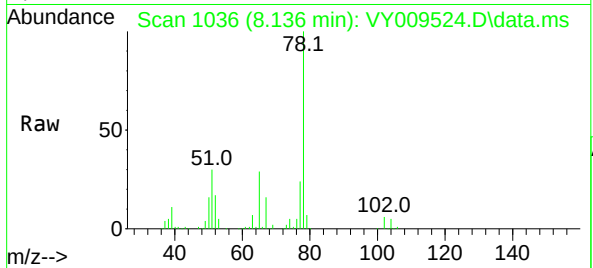
Tgt Ion: 97 Resp: 132527
Ion Ratio Lower Upper
97 100
99 62.7 50.7 76.1
61 43.0 37.6 56.4





#33
 1,2-Dichloroethane-d4
 Concen: 38.664 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY009524.D
 Acq: 12 Jul 2022 12:01

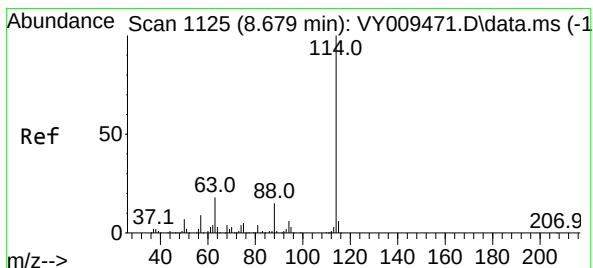
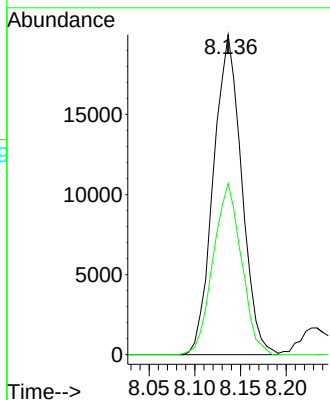
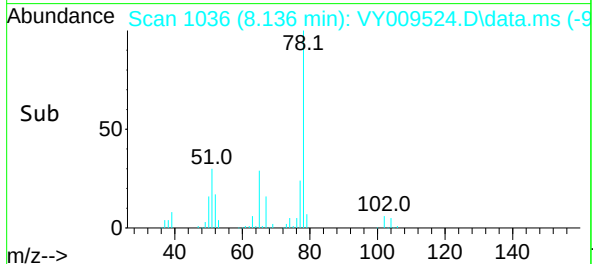
Instrument :
 MSVOA_Y
 ClientSampleId :
 20220487A-5AMSD



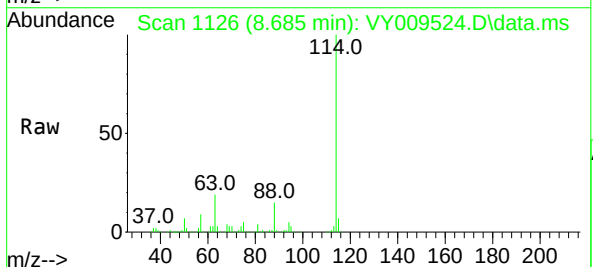
Tgt Ion: 65 Resp: 42945
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 99.4

Manual Integrations
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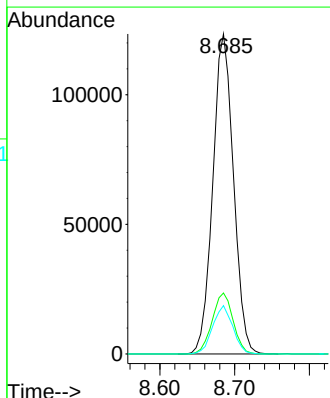
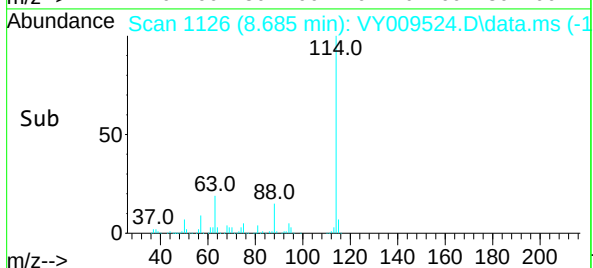
Reviewed By :John Carlone 07/13/2022
 Supervised By :Mahesh Dadoda 07/13/2022

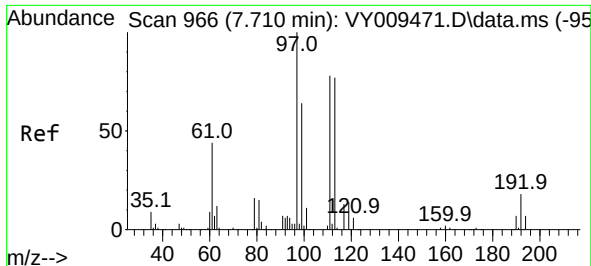


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: VY009524.D
 Acq: 12 Jul 2022 12:01



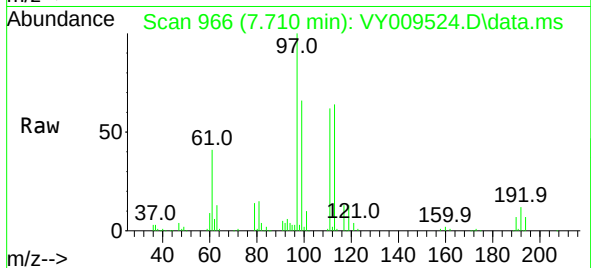
Tgt Ion:114 Resp: 237624
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 43.2
 88 15.1 0.0 31.8





#35
Dibromofluoromethane
Concen: 41.069 ug/l
RT: 7.710 min Scan# 901
Delta R.T. -0.000 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01

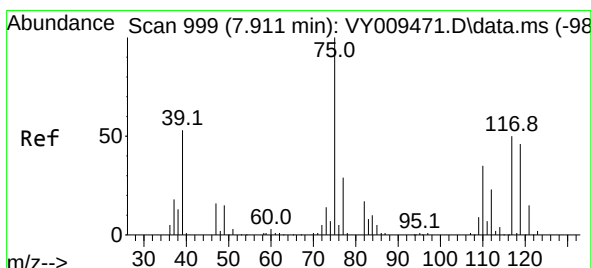
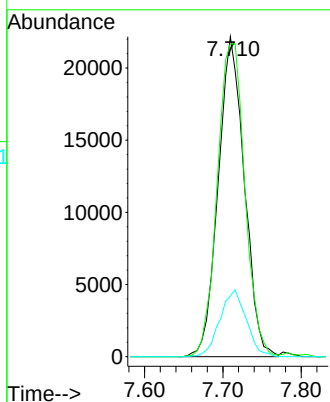
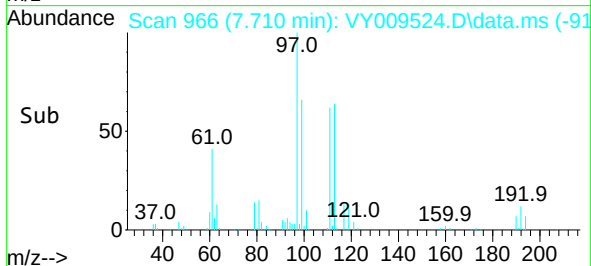
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMSD



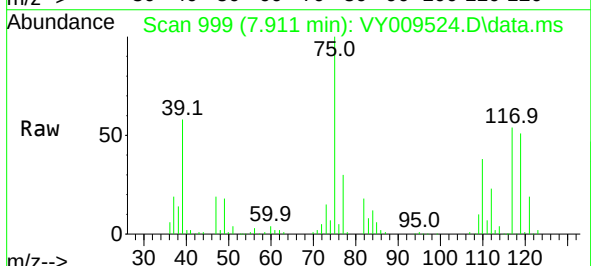
Tgt Ion:113 Resp: 51349
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 21.1 17.6 26.4

Manual Integrations
APPROVED

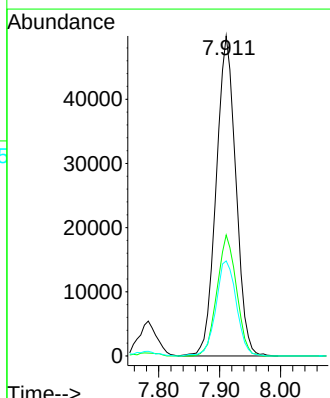
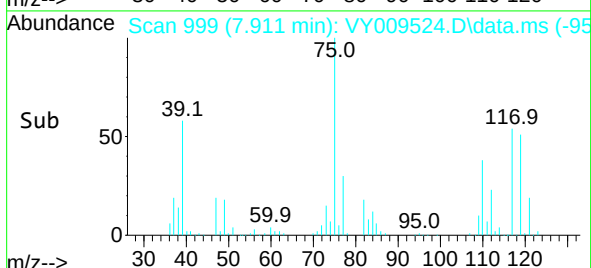
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

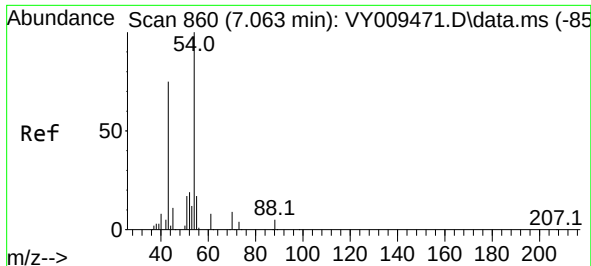


#36
1,1-Dichloropropene
Concen: 54.961 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01



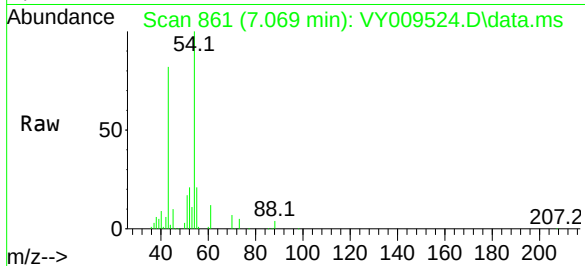
Tgt Ion: 75 Resp: 111875
Ion Ratio Lower Upper
75 100
110 37.4 17.1 51.2
77 31.0 24.4 36.6





#37
Ethyl Acetate
Concen: 36.282 ug/l
RT: 7.069 min Scan# 860
Delta R.T. 0.006 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01

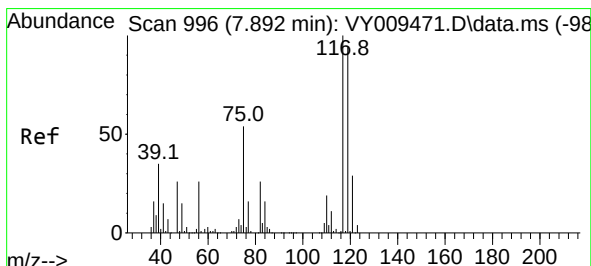
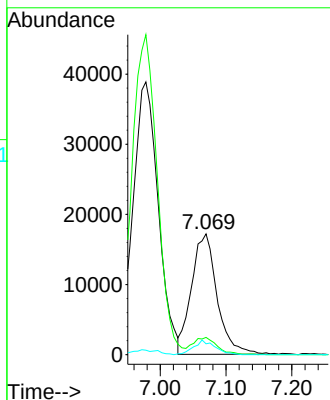
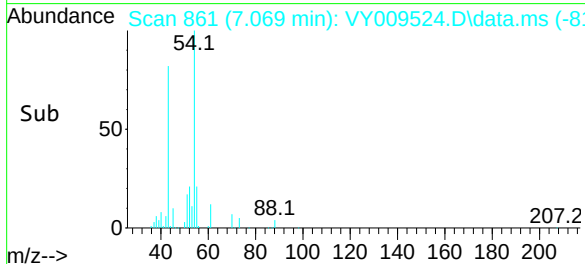
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMSD



Tgt Ion: 43 Resp: 46294
Ion Ratio Lower Upper
43 100
61 12.7 9.7 14.5
70 10.0 7.1 10.7

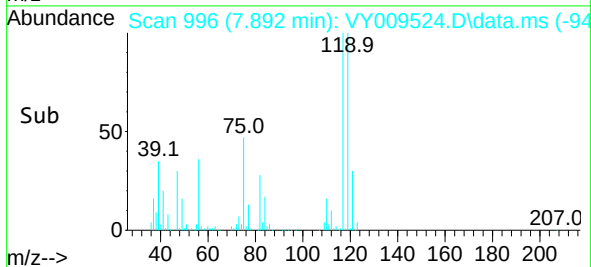
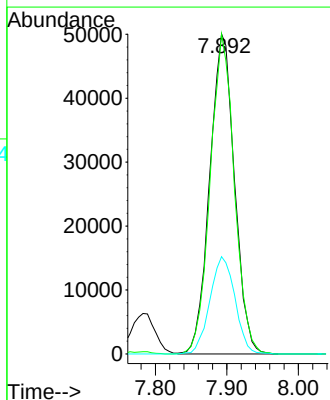
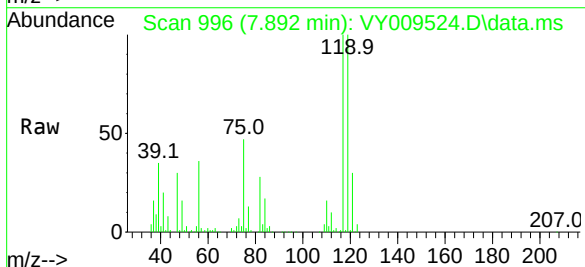
Manual Integrations
APPROVED

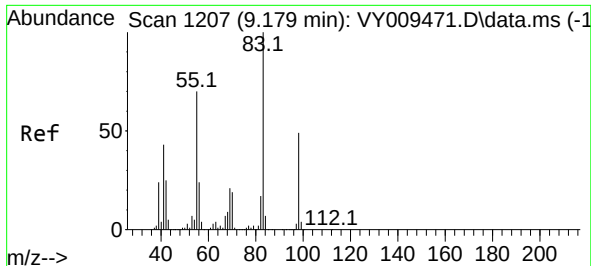
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#38
Carbon Tetrachloride
Concen: 55.266 ug/l
RT: 7.892 min Scan# 996
Delta R.T. 0.000 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01

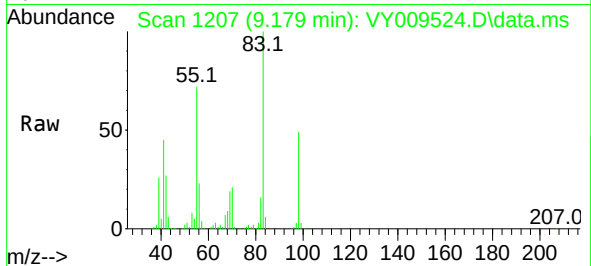
Tgt Ion:117 Resp: 120314
Ion Ratio Lower Upper
117 100
119 100.0 77.9 116.9
121 30.4 24.8 37.2





#39
Methylcyclohexane
Concen: 48.536 ug/l
RT: 9.179 min Scan# 11859
Delta R.T. -0.000 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01

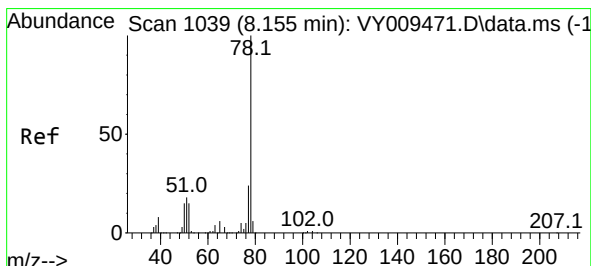
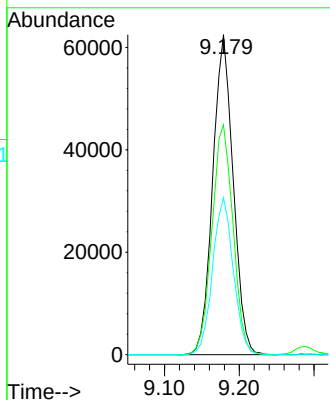
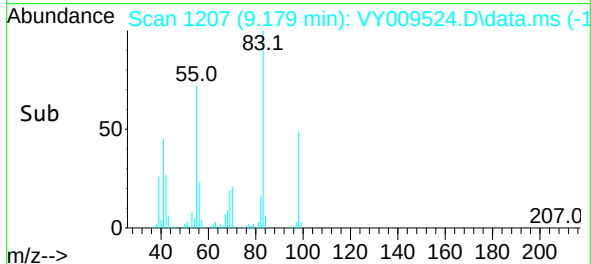
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMSD



Tgt Ion: 83 Resp: 11859
Ion Ratio Lower Upper
83 100
55 71.8 66.5 99.7
98 49.1 37.9 56.9

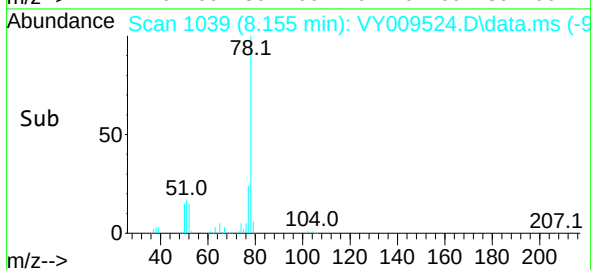
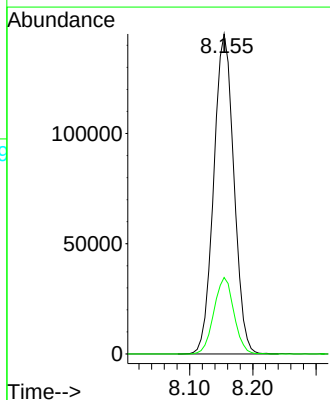
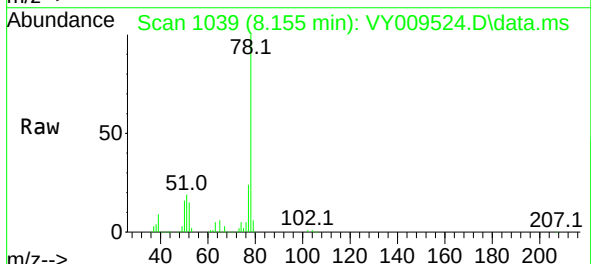
Manual Integrations
APPROVED

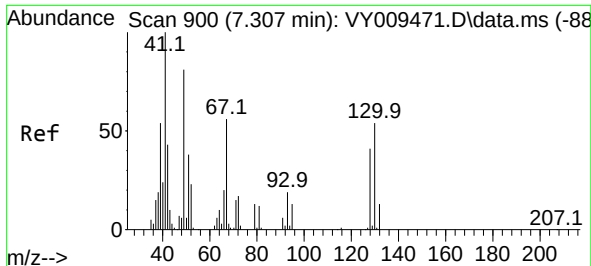
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#40
Benzene
Concen: 53.621 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01

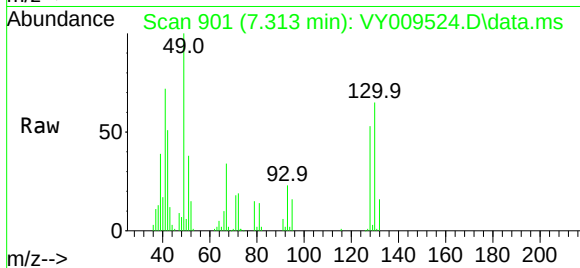
Tgt Ion: 78 Resp: 320507
Ion Ratio Lower Upper
78 100
77 23.9 20.4 30.6





#41
Methacrylonitrile
Concen: 43.493 ug/l m
RT: 7.313 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01

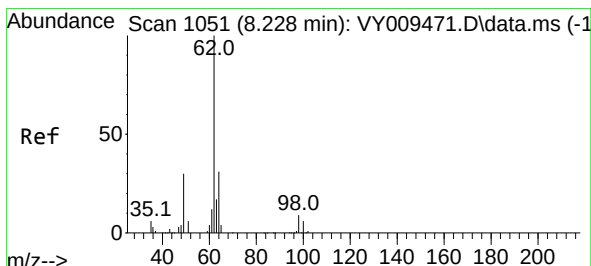
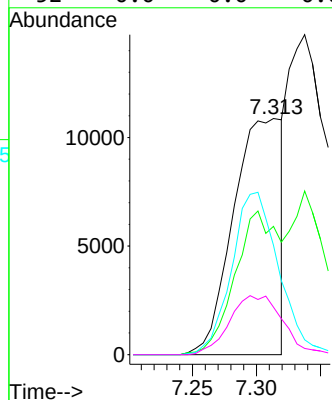
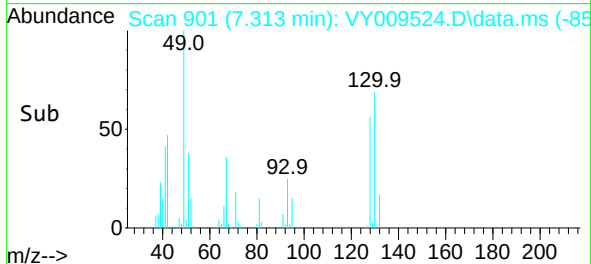
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMSD



Tgt Ion: 41 Resp: 28810
Ion Ratio Lower Upper
41 100
39 47.0 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

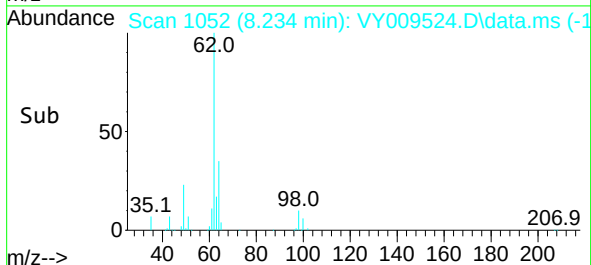
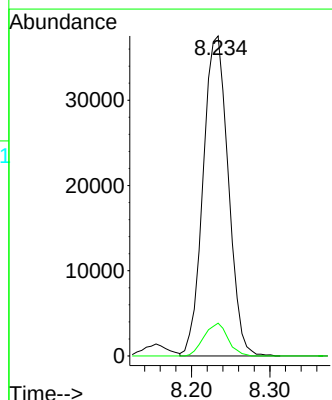
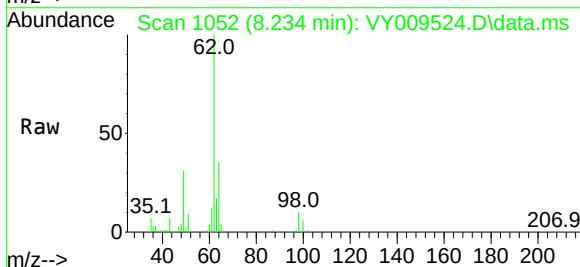
Manual Integrations
APPROVED

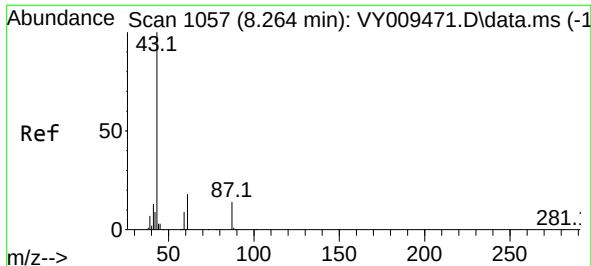
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#42
1,2-Dichloroethane
Concen: 46.664 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.006 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01

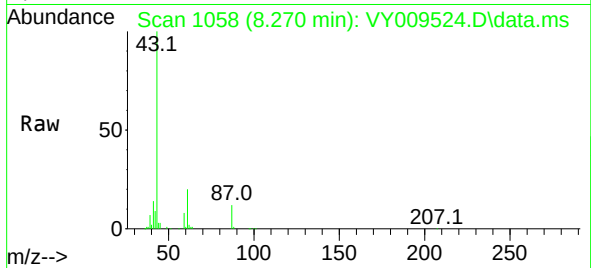
Tgt Ion: 62 Resp: 83740
Ion Ratio Lower Upper
62 100
98 9.7 0.0 14.8





#43
Isopropyl Acetate
Concen: 40.120 ug/l
RT: 8.270 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01

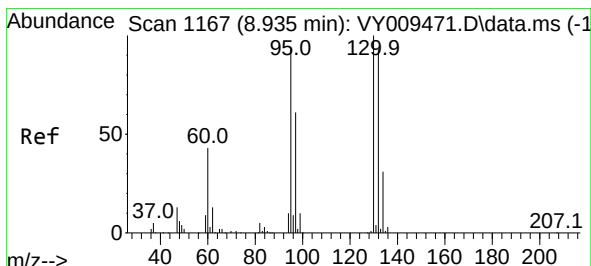
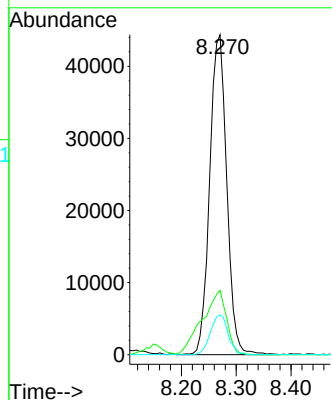
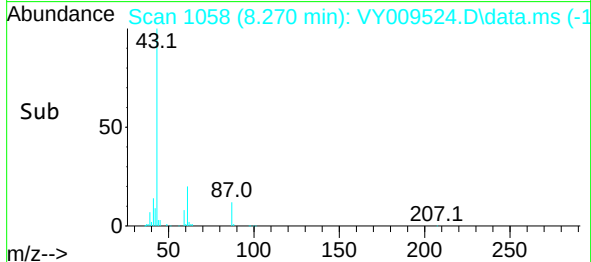
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMSD



Tgt Ion: 43 Resp: 9551
Ion Ratio Lower Upper
43 100
61 28.9 20.2 30.2
87 12.8 8.9 13.3

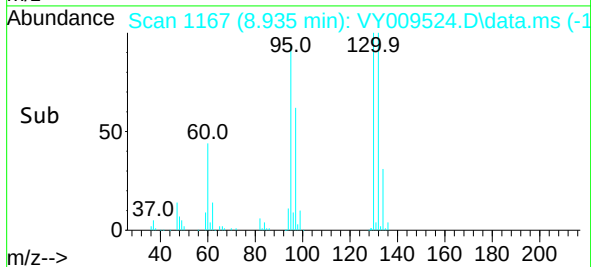
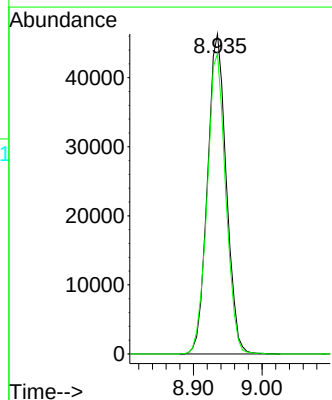
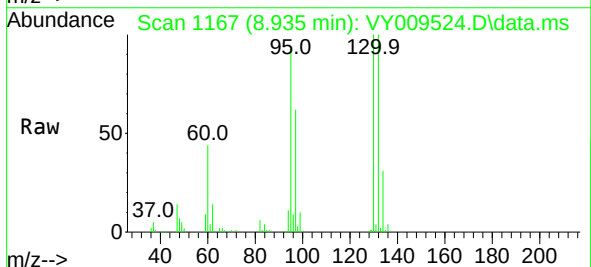
Manual Integrations
APPROVED

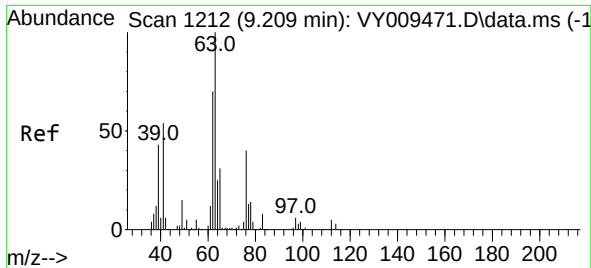
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#44
Trichloroethene
Concen: 52.369 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01

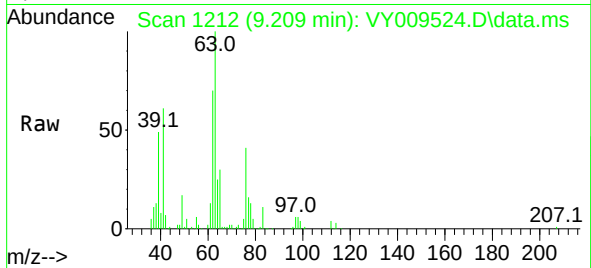
Tgt Ion:130 Resp: 88428
Ion Ratio Lower Upper
130 100
95 93.9 0.0 188.2





#45
1,2-Dichloropropane
Concen: 51.478 ug/l
RT: 9.209 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01

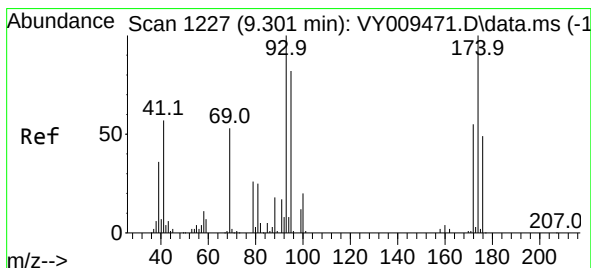
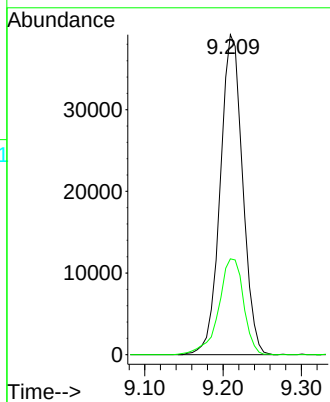
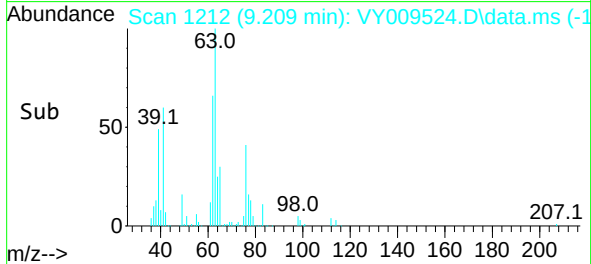
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMSD



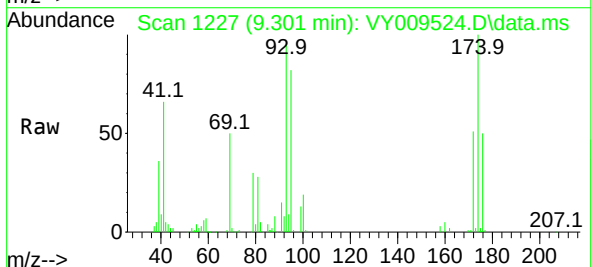
Tgt Ion: 63 Resp: 7787
Ion Ratio Lower Upper
63 100
65 29.9 23.0 34.6

Manual Integrations
APPROVED

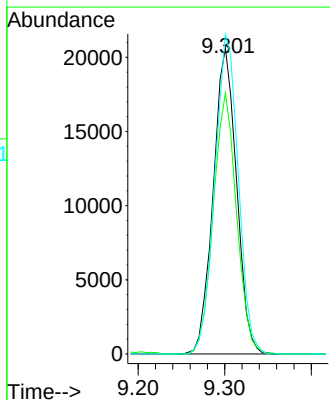
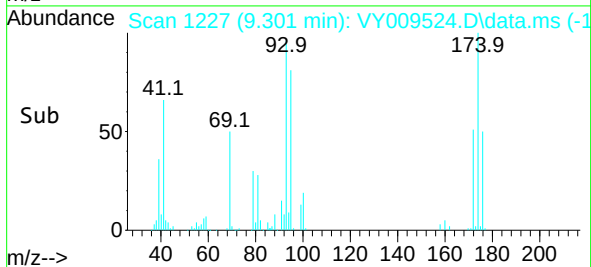
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

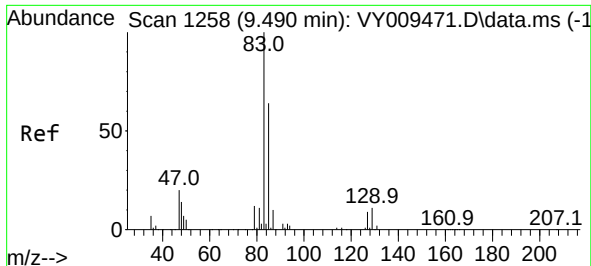


#46
Dibromomethane
Concen: 43.415 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01



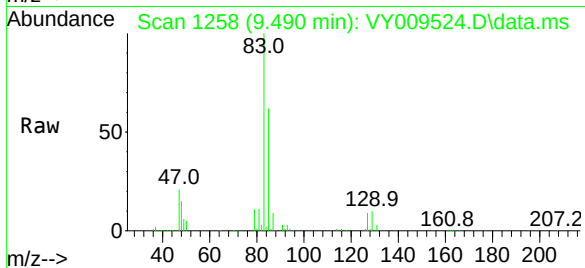
Tgt Ion: 93 Resp: 38545
Ion Ratio Lower Upper
93 100
95 84.8 64.3 96.5
174 105.3 83.4 125.0





#47
Bromodichloromethane
Concen: 49.200 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01

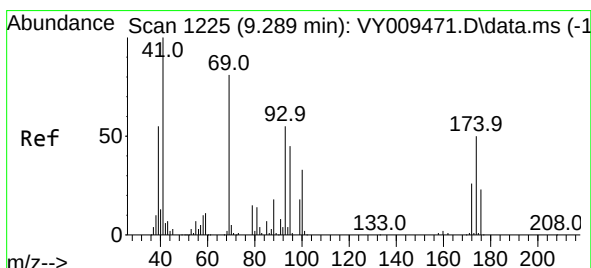
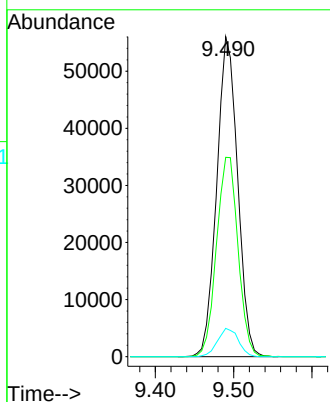
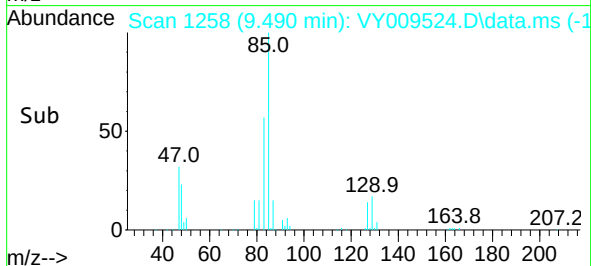
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMSD



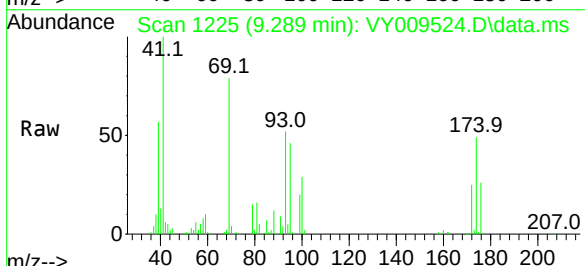
Tgt Ion: 83 Resp: 103970
Ion Ratio Lower Upper
83 100
85 62.3 51.9 77.9
127 8.8 6.6 10.0

Manual Integrations
APPROVED

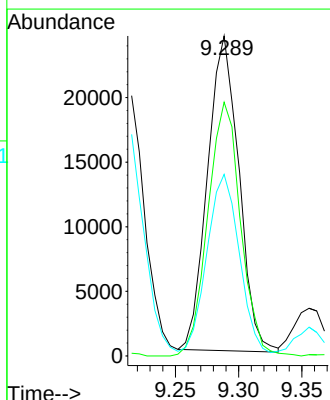
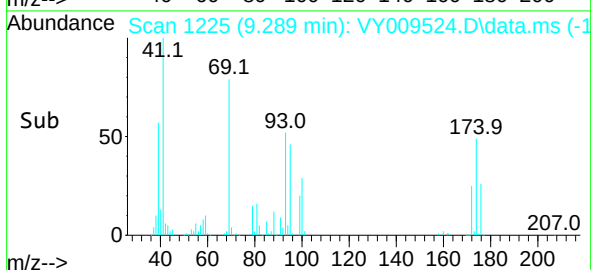
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

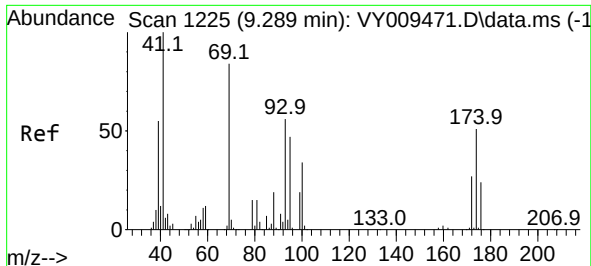


#48
Methyl methacrylate
Concen: 40.897 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01



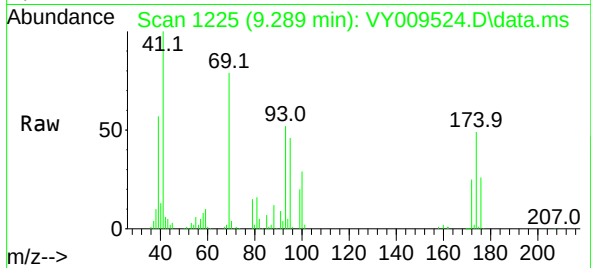
Tgt Ion: 41 Resp: 41949
Ion Ratio Lower Upper
41 100
69 84.1 58.2 87.2
39 60.0 47.4 71.0





#49
1,4-Dioxane
Concen: 455.534 ug/l
RT: 9.289 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01

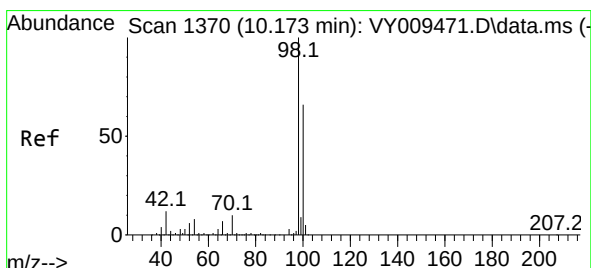
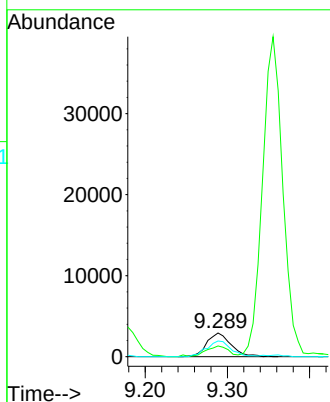
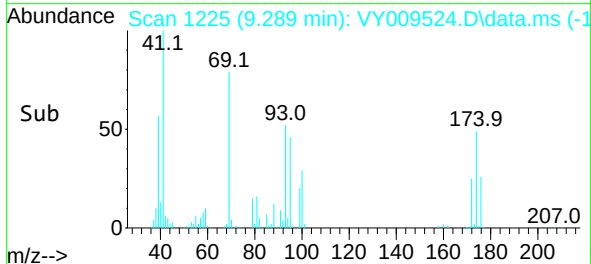
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMSD



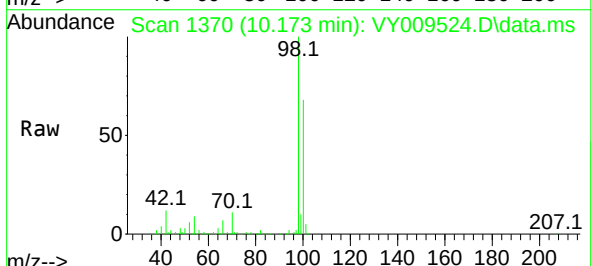
Tgt Ion: 88 Resp: 5950
Ion Ratio Lower Upper
88 100
43 37.8 32.8 49.2
58 67.3 59.8 89.6

Manual Integrations
APPROVED

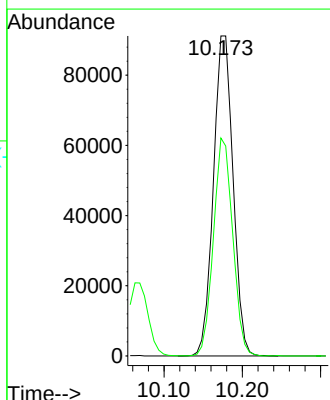
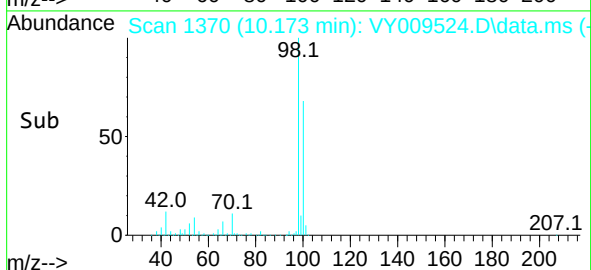
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

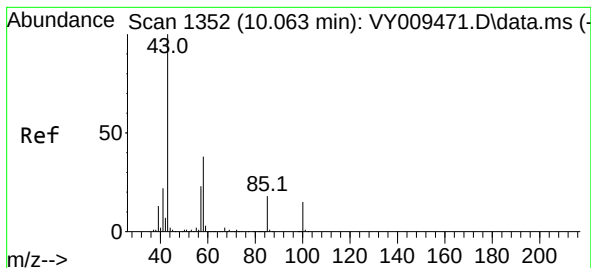


#50
Toluene-d8
Concen: 45.788 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01



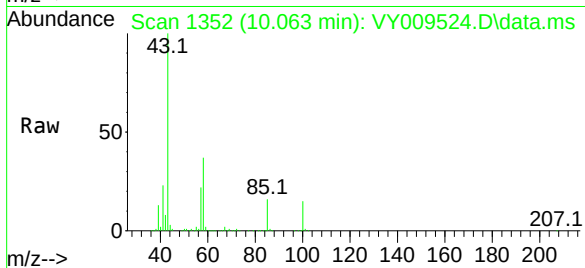
Tgt Ion: 98 Resp: 159309
Ion Ratio Lower Upper
98 100
100 66.8 50.2 75.2





#51
4-Methyl-2-Pentanone
Concen: 193.255 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01

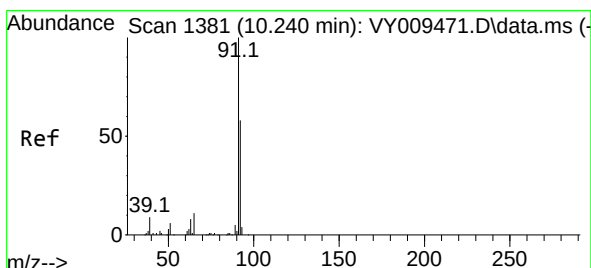
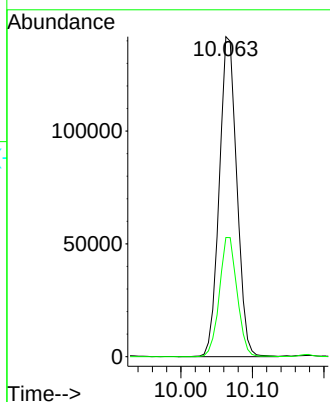
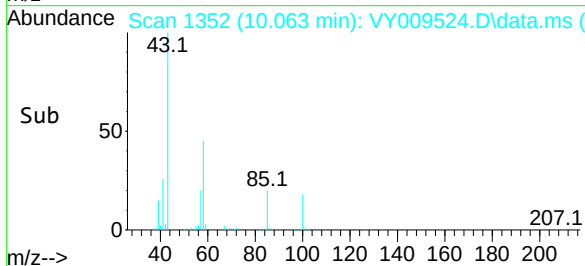
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMSD



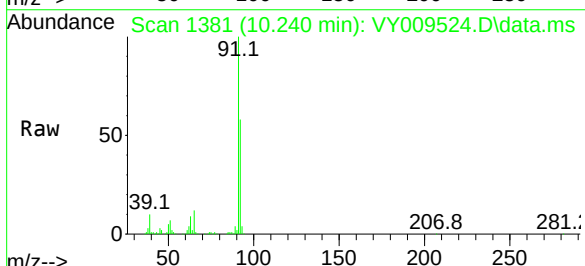
Tgt Ion: 43 Resp: 241950
Ion Ratio Lower Upper
43 100
58 37.6 28.1 42.1

Manual Integrations
APPROVED

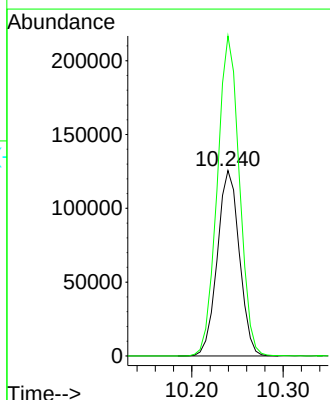
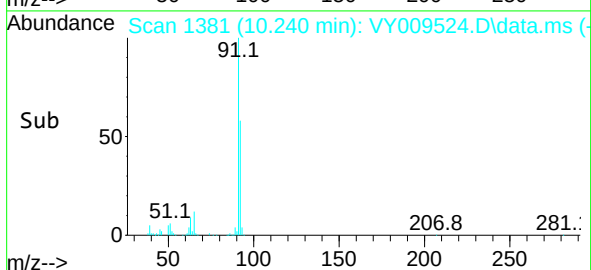
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

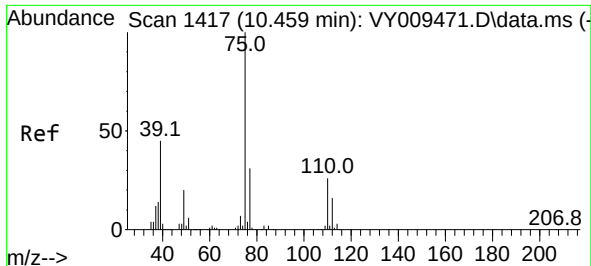


#52
Toluene
Concen: 55.323 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01



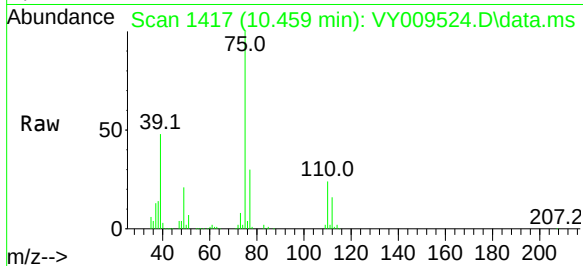
Tgt Ion: 92 Resp: 210723
Ion Ratio Lower Upper
92 100
91 173.4 142.6 213.8





#53
t-1,3-Dichloropropene
Concen: 46.366 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01

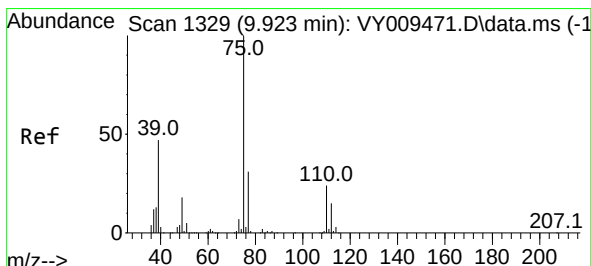
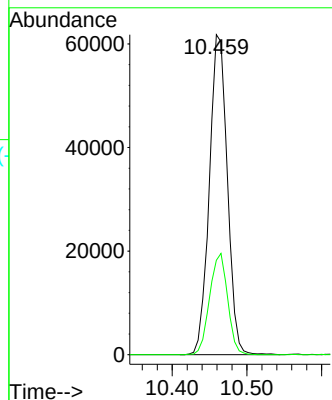
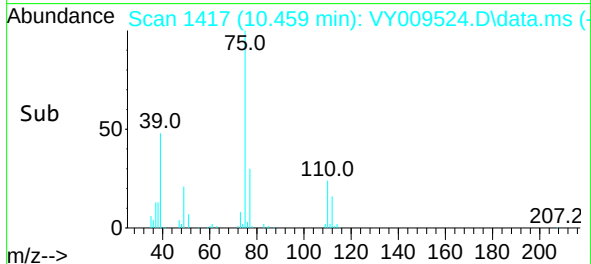
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMSD



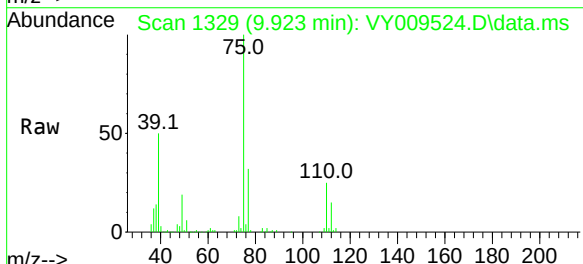
Tgt Ion: 75 Resp: 10325
Ion Ratio Lower Upper
75 100
77 29.5 25.4 38.2

Manual Integrations
APPROVED

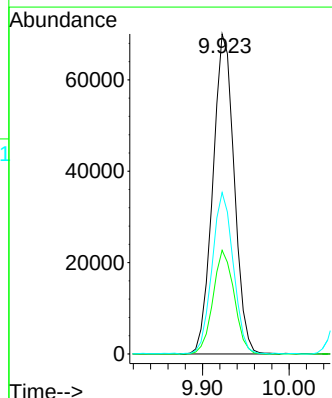
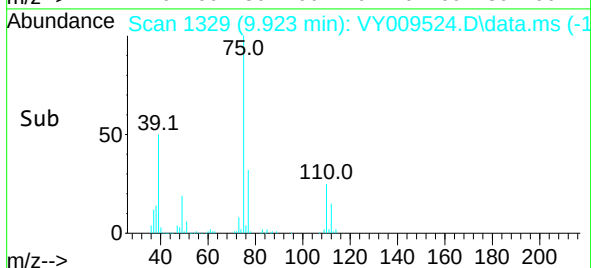
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

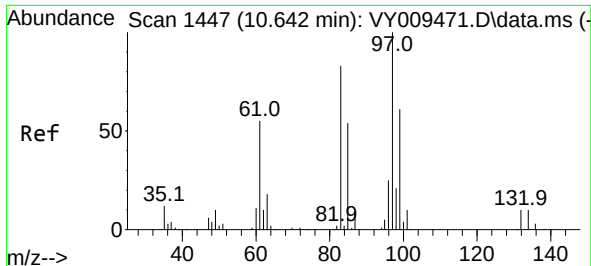


#54
cis-1,3-Dichloropropene
Concen: 48.456 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01



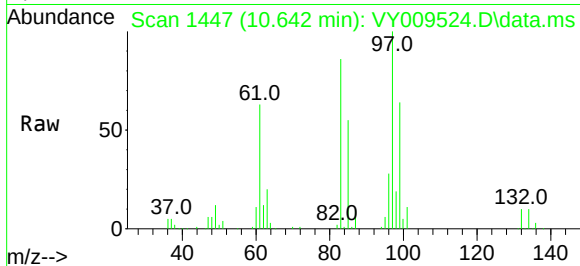
Tgt Ion: 75 Resp: 120322
Ion Ratio Lower Upper
75 100
77 32.4 25.6 38.4
39 50.4 47.6 71.4





#55
1,1,2-Trichloroethane
Concen: 43.373 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01

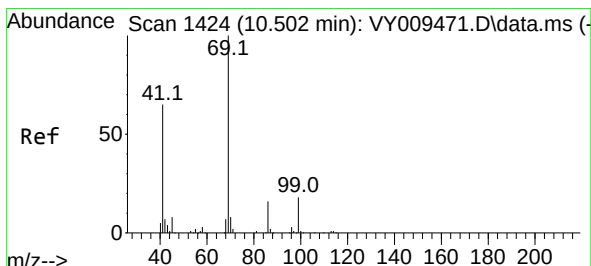
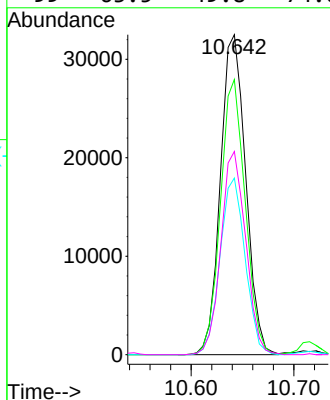
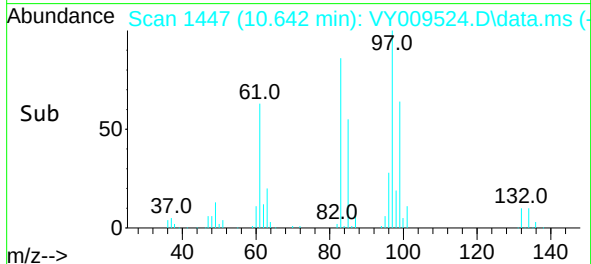
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMSD



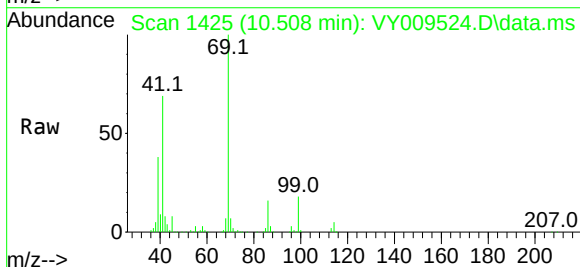
Tgt Ion: 97 Resp: 5555
Ion Ratio Lower Upper
97 100
83 86.0 69.8 104.8
85 55.2 44.3 66.5
99 63.5 49.8 74.6

Manual Integrations
APPROVED

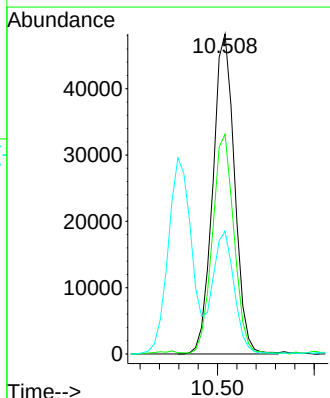
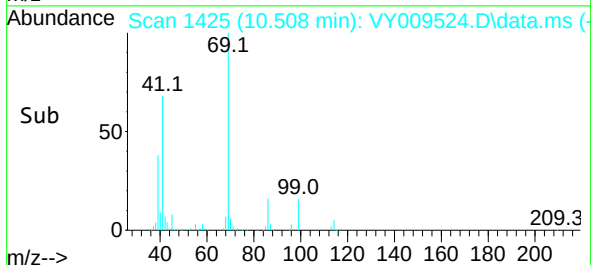
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

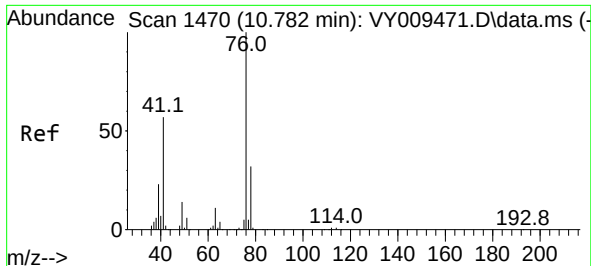


#56
Ethyl methacrylate
Concen: 44.265 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01



Tgt Ion: 69 Resp: 75271
Ion Ratio Lower Upper
69 100
41 68.6 63.4 95.0
39 38.0 35.8 53.8





#57

1,3-Dichloropropane

Concen: 45.377 ug/l

RT: 10.788 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VY009524.D

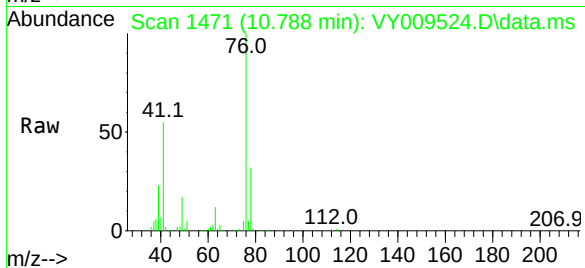
Acq: 12 Jul 2022 12:01

Instrument :

MSVOA_Y

ClientSampleId :

20220487A-5AMSD



Tgt Ion: 76 Resp: 95812

Ion Ratio Lower Upper

76 100

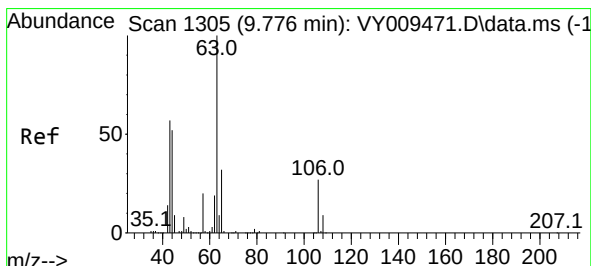
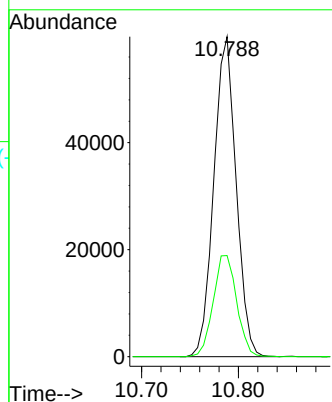
78 33.3 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#58

2-Chloroethyl Vinyl ether

Concen: 190.278 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY009524.D

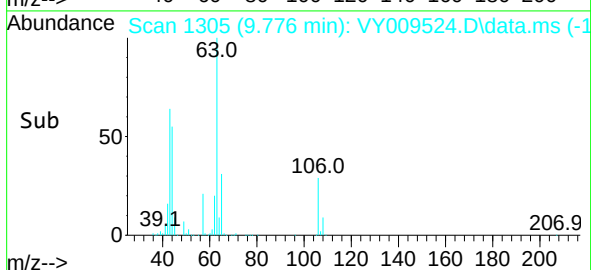
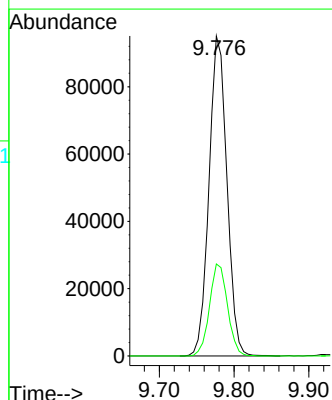
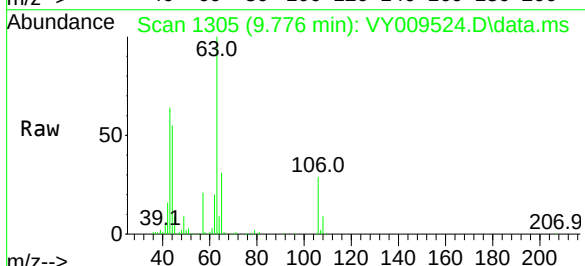
Acq: 12 Jul 2022 12:01

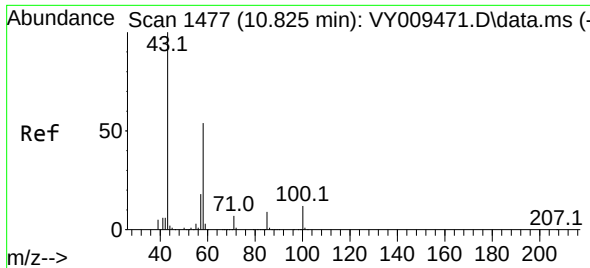
Tgt Ion: 63 Resp: 158062

Ion Ratio Lower Upper

63 100

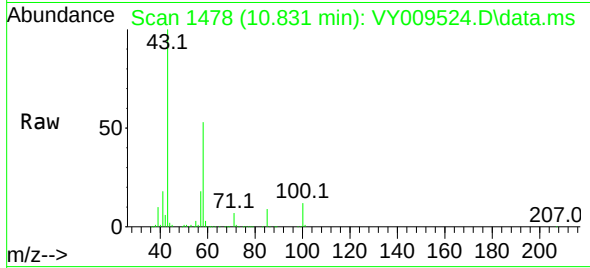
106 28.8 21.5 32.3





#59
2-Hexanone
Concen: 198.104 ug/l
RT: 10.831 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01

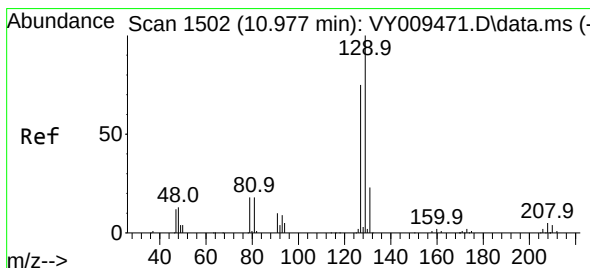
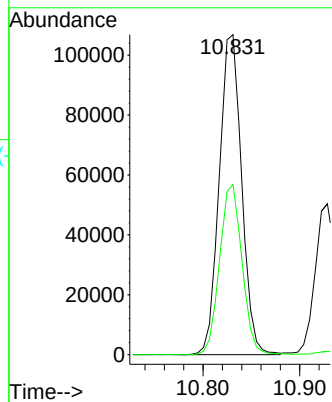
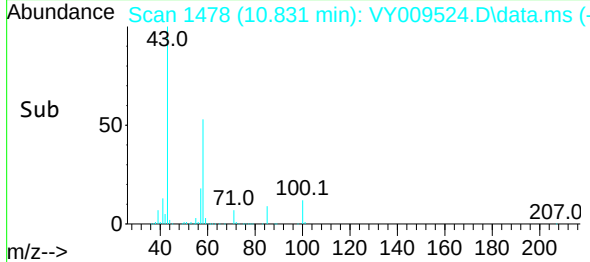
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMSD



Tgt Ion: 43 Resp: 171860
Ion Ratio Lower Upper
43 100
58 53.2 24.4 73.4

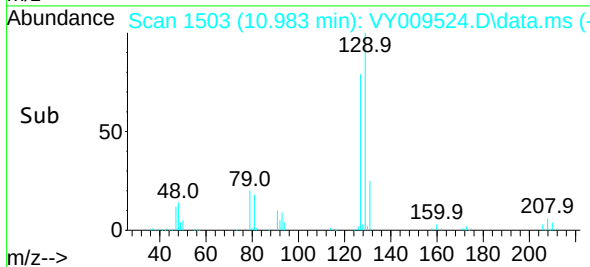
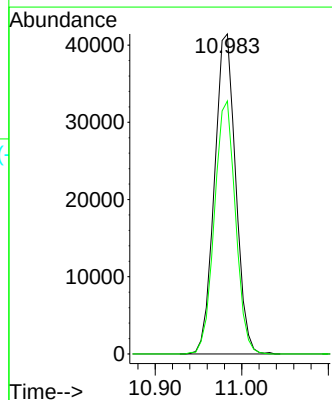
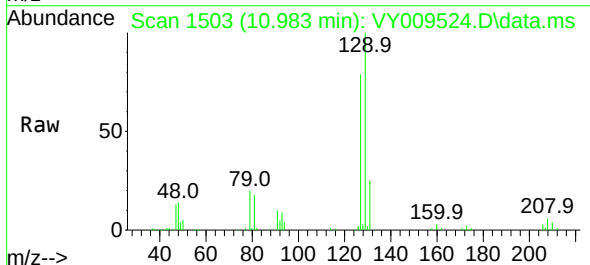
Manual Integrations
APPROVED

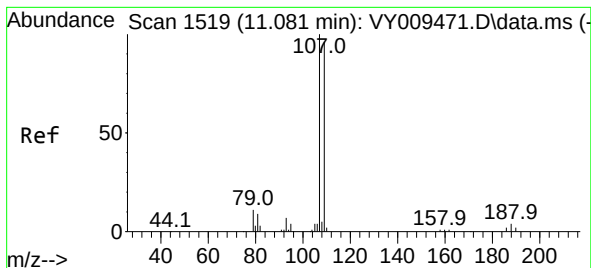
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#60
Dibromochloromethane
Concen: 45.366 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.006 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01

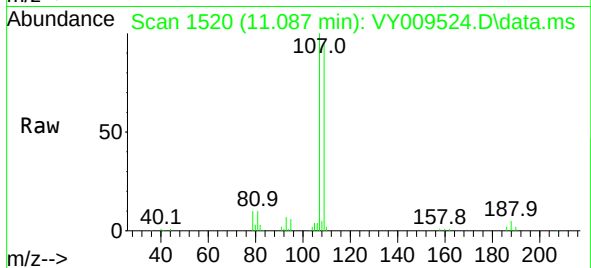
Tgt Ion:129 Resp: 70363
Ion Ratio Lower Upper
129 100
127 78.8 38.7 116.1





#61
1,2-Dibromoethane
Concen: 42.742 ug/l
RT: 11.087 min Scan# 1519
Delta R.T. 0.006 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01

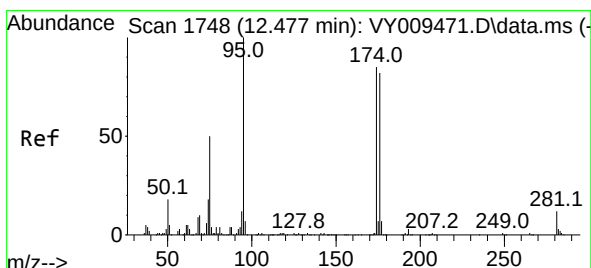
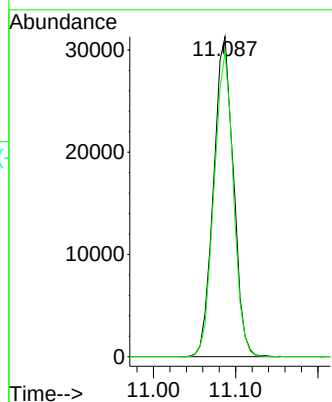
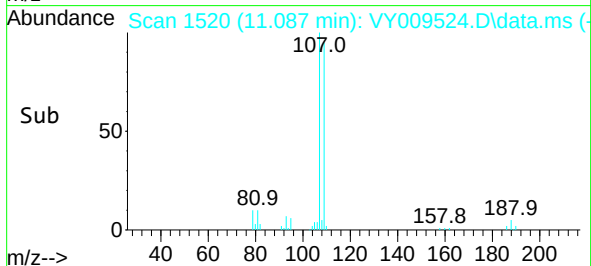
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMSD



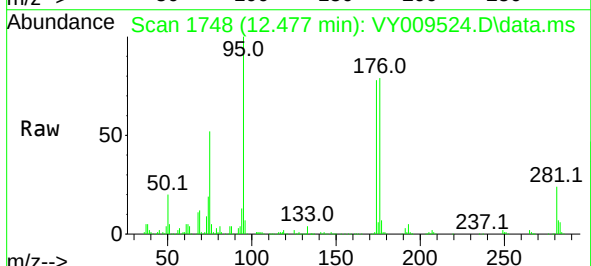
Tgt Ion:107 Resp: 5248
Ion Ratio Lower Upper
107 100
109 92.7 75.4 113.2

Manual Integrations
APPROVED

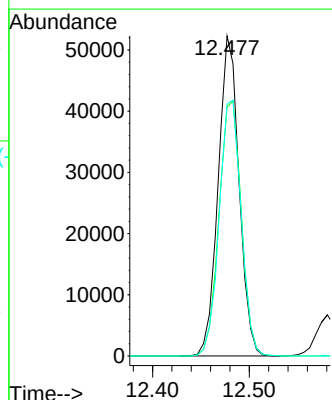
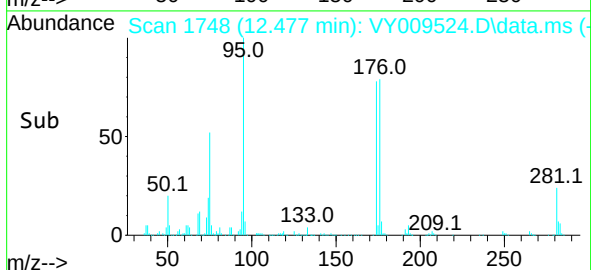
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

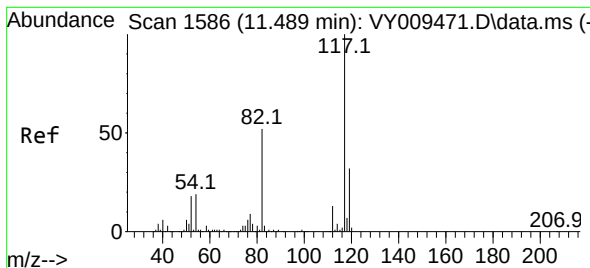


#62
4-Bromofluorobenzene
Concen: 44.223 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01



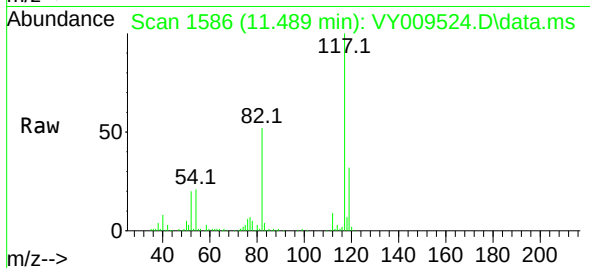
Tgt Ion: 95 Resp: 78050
Ion Ratio Lower Upper
95 100
174 85.0 0.0 177.0
176 84.3 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01

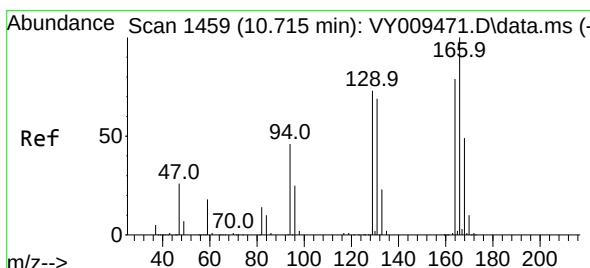
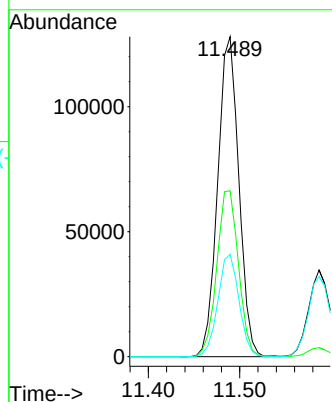
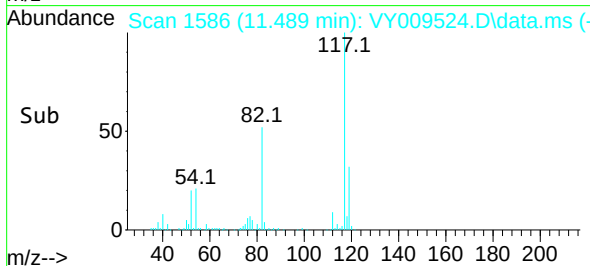
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMSD



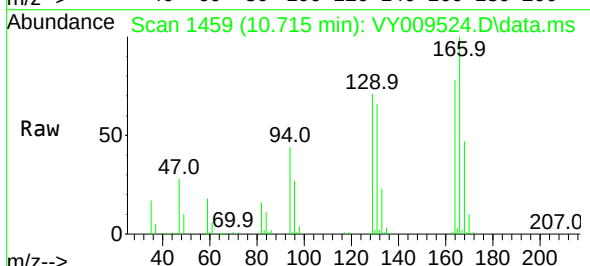
Tgt Ion:117 Resp: 20585
Ion Ratio Lower Upper
117 100
82 51.9 43.0 64.4
119 32.0 25.4 38.0

Manual Integrations
APPROVED

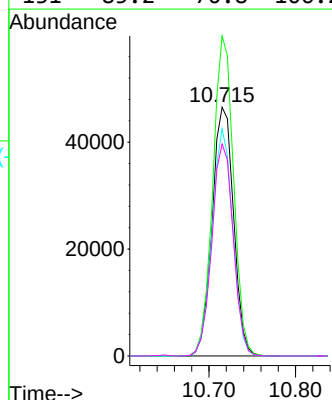
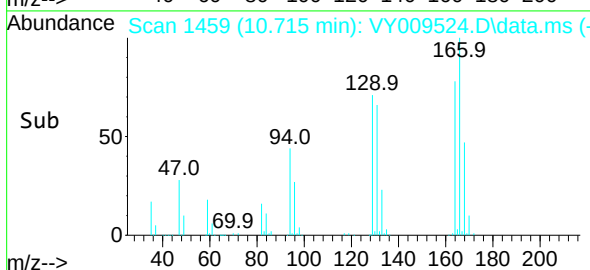
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

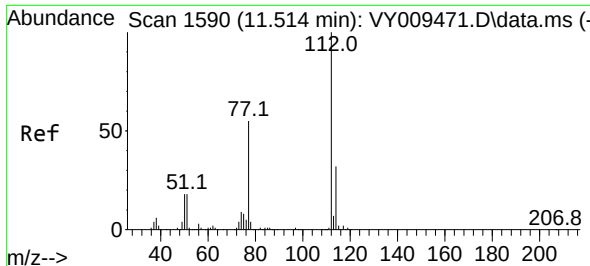


#64
Tetrachloroethene
Concen: 46.378 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01



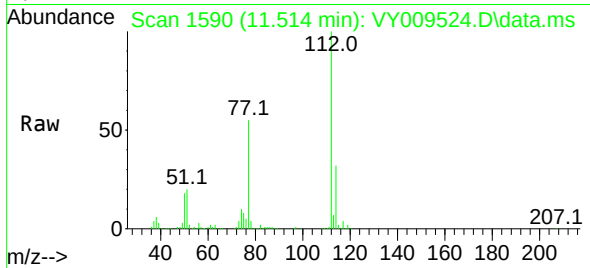
Tgt Ion:164 Resp: 79822
Ion Ratio Lower Upper
164 100
166 128.7 100.4 150.6
129 91.4 71.4 107.0
131 85.2 70.8 106.2





#65
Chlorobenzene
Concen: 53.836 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01

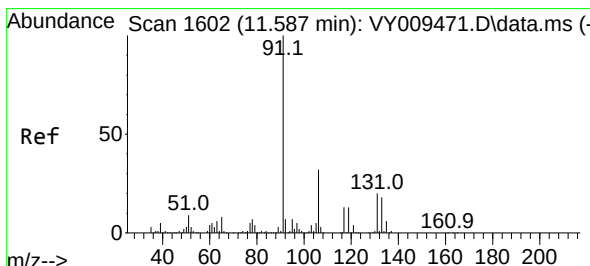
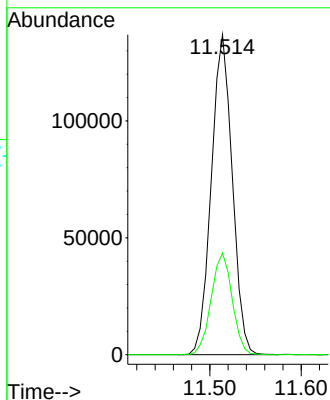
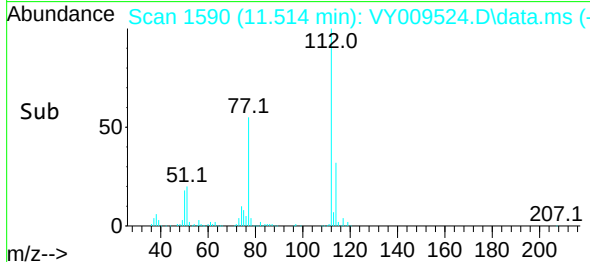
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMSD



Tgt Ion:112 Resp: 21765
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6

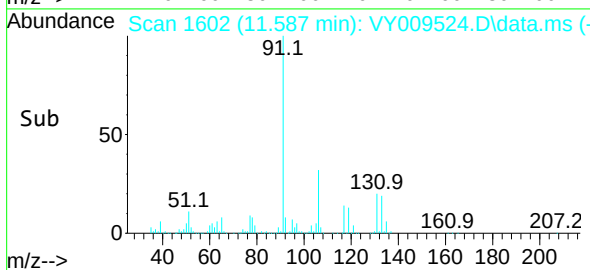
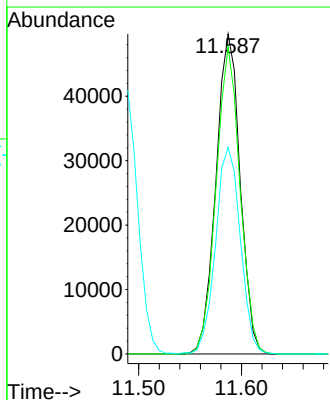
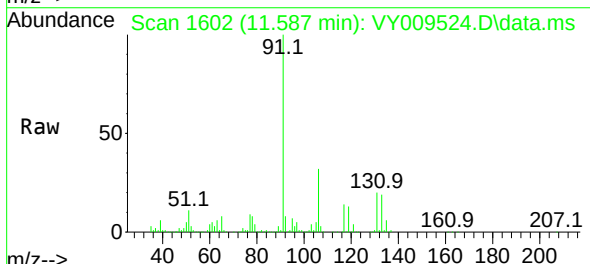
Manual Integrations
APPROVED

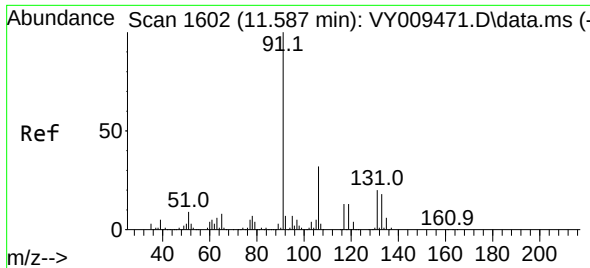
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 53.397 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01

Tgt Ion:131 Resp: 81207
Ion Ratio Lower Upper
131 100
133 94.8 47.9 143.6
119 66.1 30.8 92.3





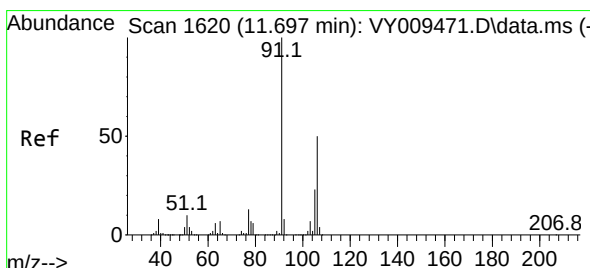
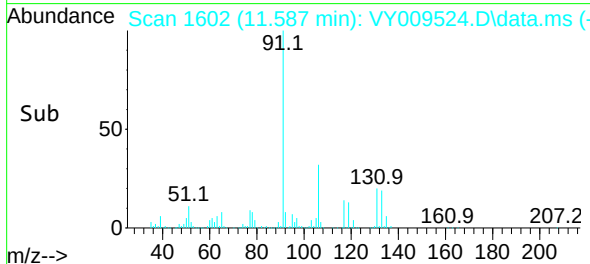
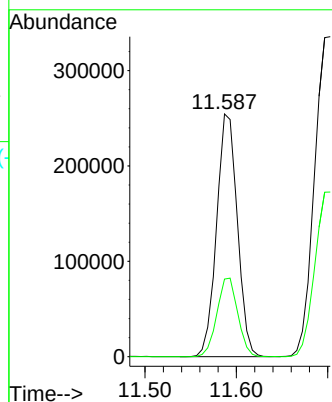
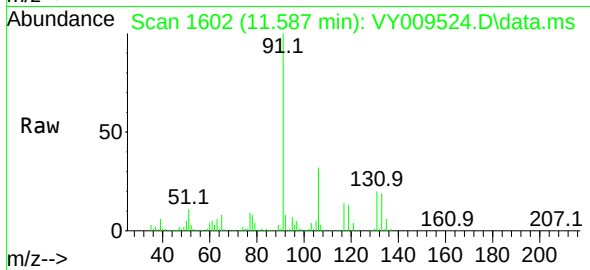
#67
Ethyl Benzene
Concen: 56.914 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01

Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMSD

Tgt Ion: 91 Resp: 401702
Ion Ratio Lower Upper
91 100
106 32.0 24.5 36.7

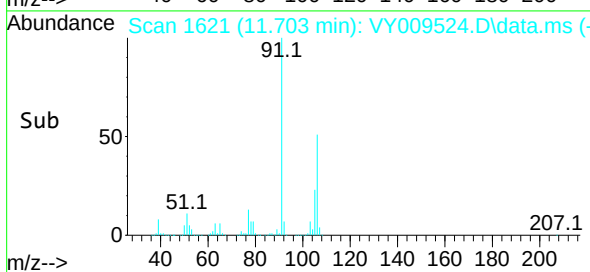
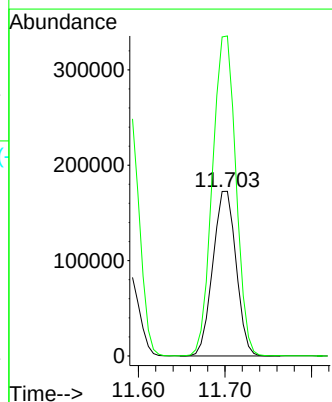
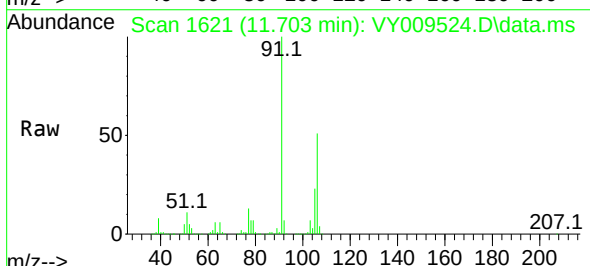
Manual Integrations
APPROVED

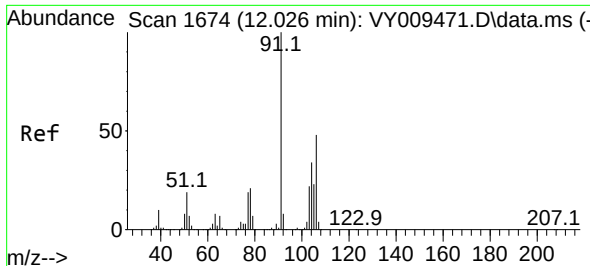
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#68
m/p-Xylenes
Concen: 116.966 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01

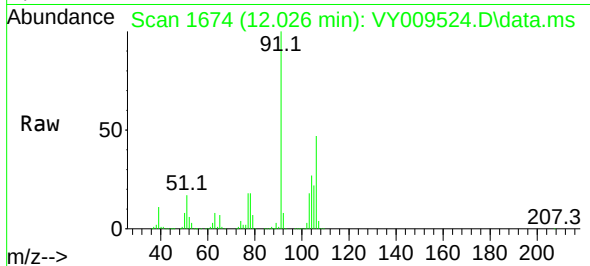
Tgt Ion:106 Resp: 321973
Ion Ratio Lower Upper
106 100
91 196.6 166.6 249.8





#69
o-Xylene
Concen: 58.246 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01

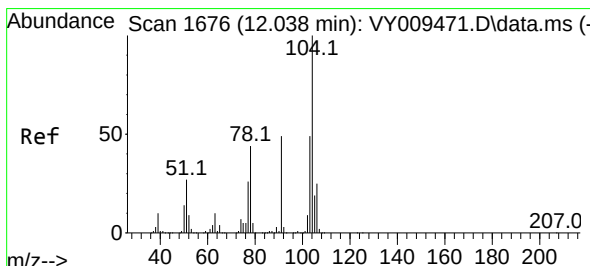
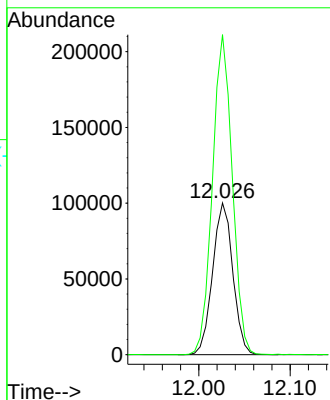
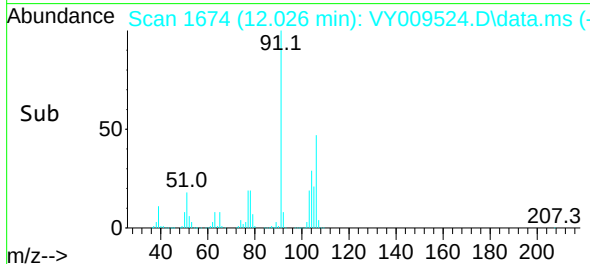
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMSD



Tgt Ion:106 Resp: 153683
Ion Ratio Lower Upper
106 100
91 207.4 110.3 331.0

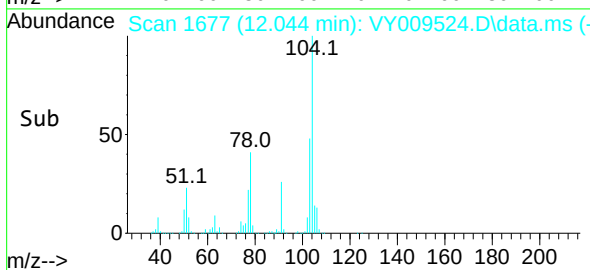
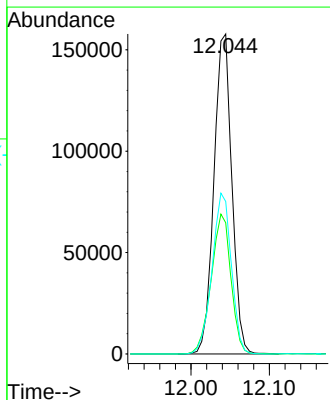
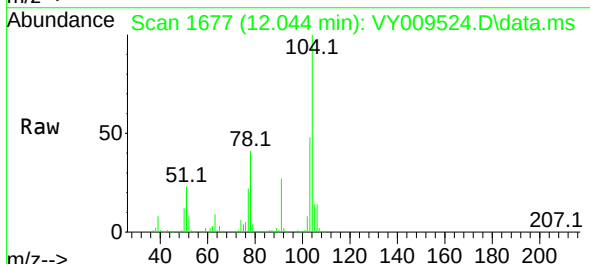
Manual Integrations
APPROVED

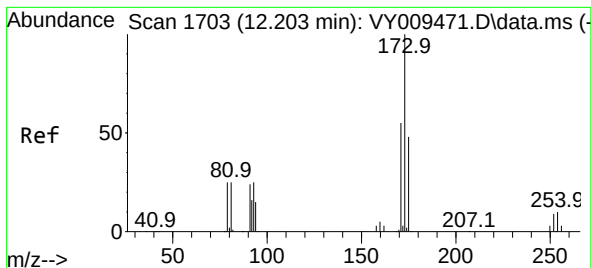
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#70
Styrene
Concen: 57.045 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01

Tgt Ion:104 Resp: 251401
Ion Ratio Lower Upper
104 100
78 48.1 42.4 63.6
103 54.1 44.4 66.6





#71

Bromoform

Concen: 45.435 ug/l

RT: 12.203 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VY009524.D

Acq: 12 Jul 2022 12:01

Instrument :

MSVOA_Y

ClientSampleId :

20220487A-5AMSD

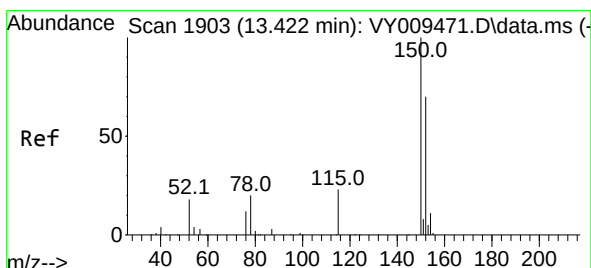
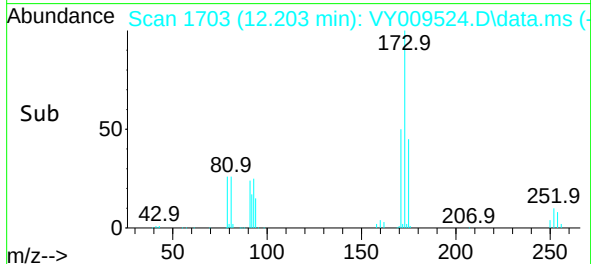
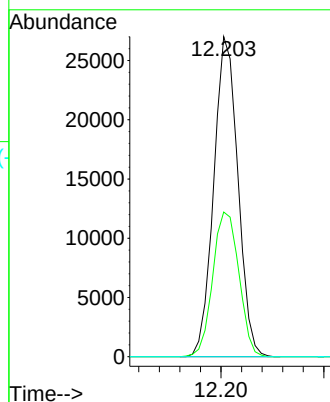
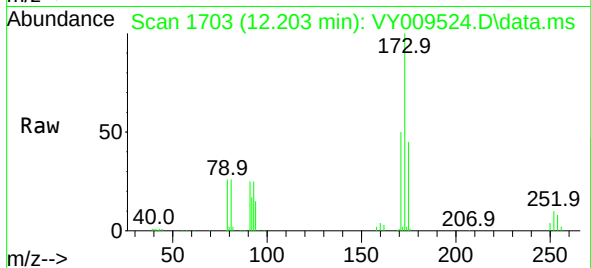
Tgt Ion:	173	Resp:	44040
Ion Ratio	Lower	Upper	
173	100		
175	48.9	24.6	74.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

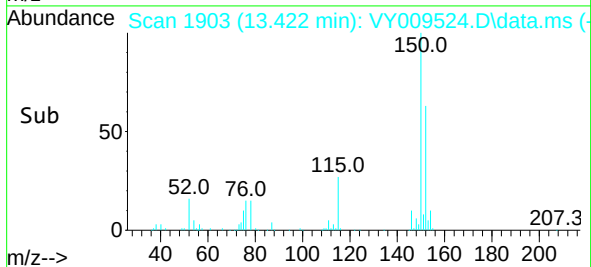
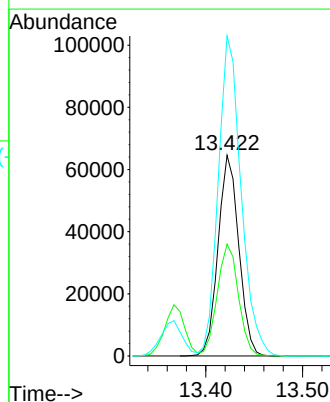
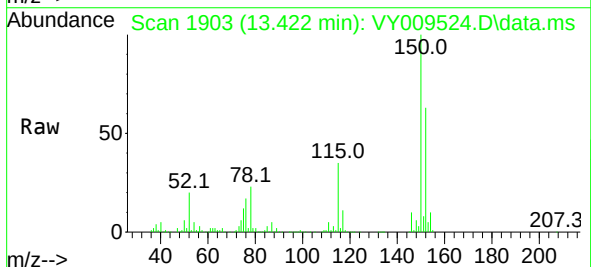
RT: 13.422 min Scan# 1903

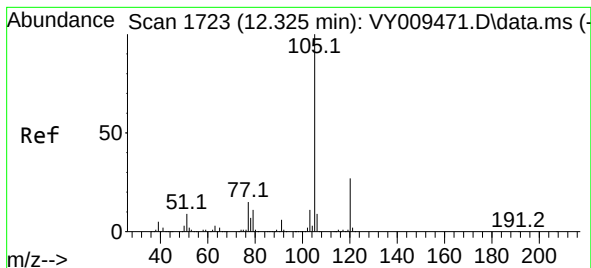
Delta R.T. -0.000 min

Lab File: VY009524.D

Acq: 12 Jul 2022 12:01

Tgt Ion:	152	Resp:	95964
Ion Ratio	Lower	Upper	
152	100		
115	56.9	28.2	84.7
150	175.5	0.0	347.6





#73

Isopropylbenzene

Concen: 60.708 ug/l

RT: 12.325 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009524.D

Acq: 12 Jul 2022 12:01

Instrument :

MSVOA_Y

ClientSampleId :

20220487A-5AMSD

Tgt Ion:105 Resp: 398424

Ion Ratio Lower Upper

105 100

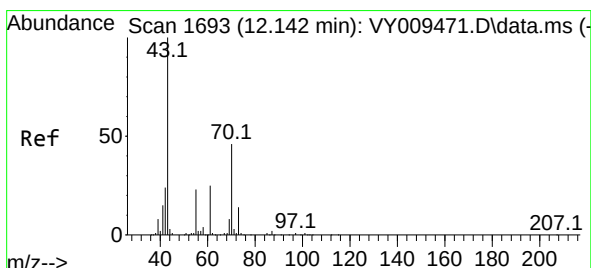
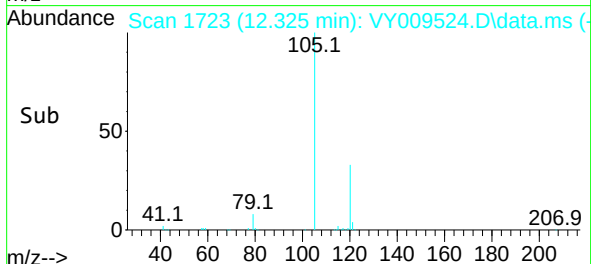
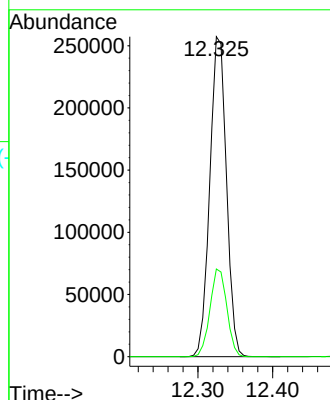
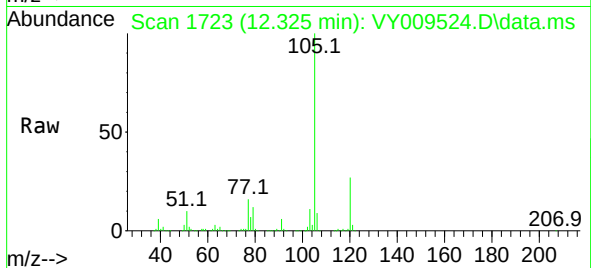
120 27.7 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#74

N-ethyl acetate

Concen: 44.346 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY009524.D

Acq: 12 Jul 2022 12:01

Tgt Ion: 43 Resp: 82808

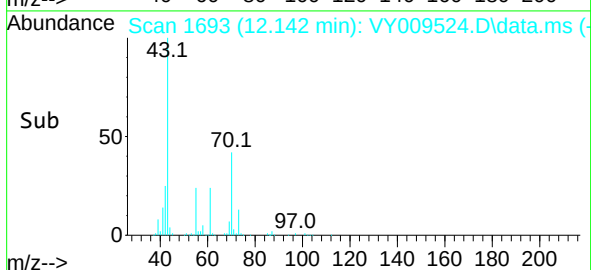
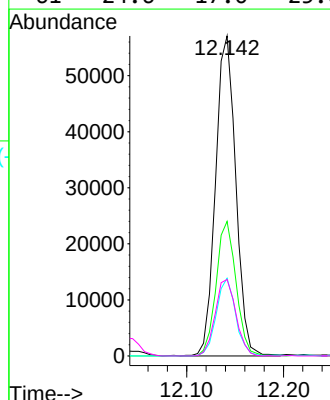
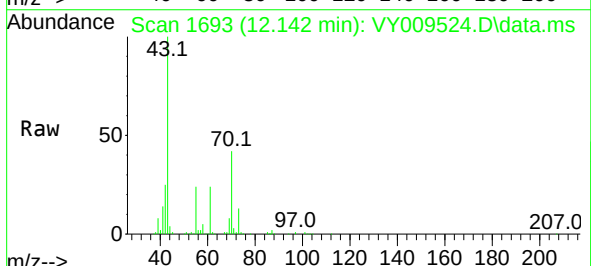
Ion Ratio Lower Upper

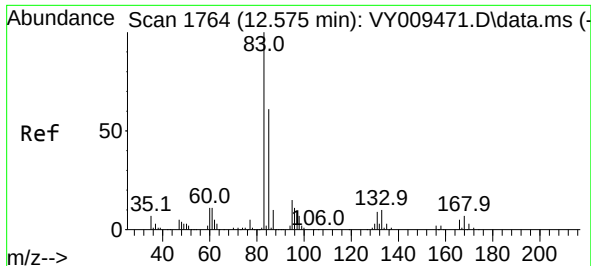
43 100

70 41.5 28.7 43.1

55 23.4 17.3 25.9

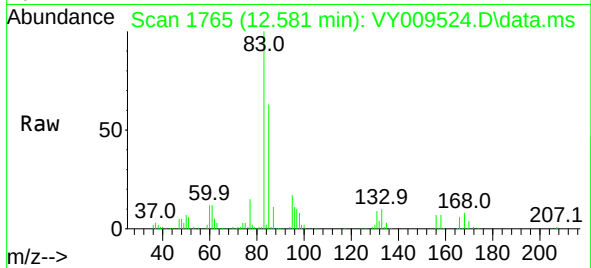
61 24.6 17.0 25.6





#75
1,1,2,2-Tetrachloroethane
Concen: 48.550 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.006 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01

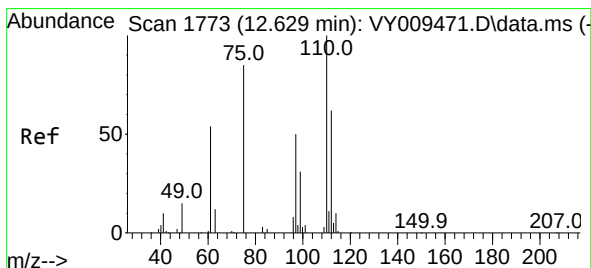
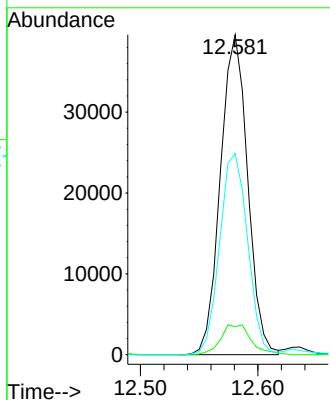
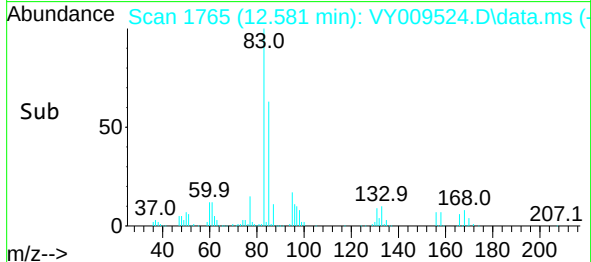
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMSD



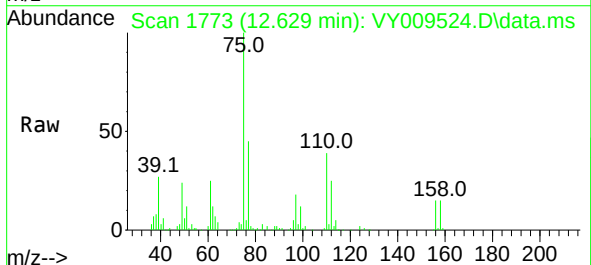
Tgt Ion: 83 Resp: 63798
Ion Ratio Lower Upper
83 100
131 10.5 5.6 16.8
85 64.5 32.3 96.8

Manual Integrations
APPROVED

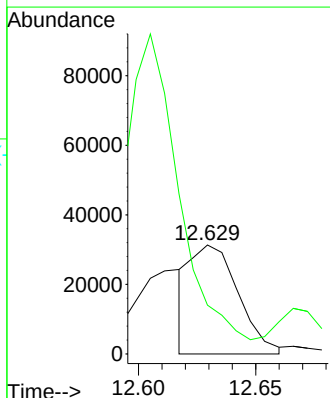
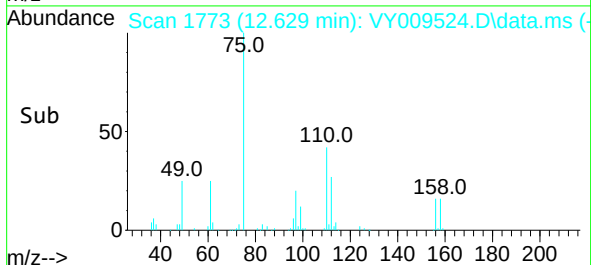
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

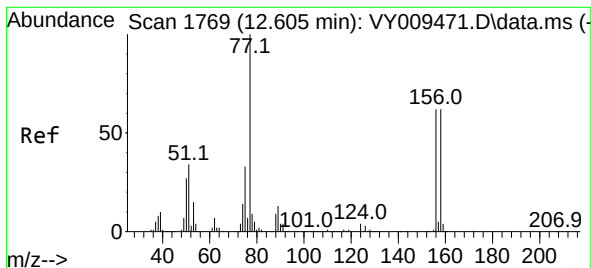


#76
1,2,3-Trichloropropane
Concen: 44.011 ug/l m
RT: 12.629 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01



Tgt Ion: 75 Resp: 44709
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 56.580 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY009524.D

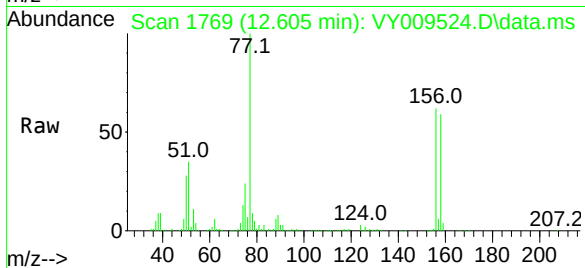
Acq: 12 Jul 2022 12:01

Instrument :

MSVOA_Y

ClientSampleId :

20220487A-5AMSD



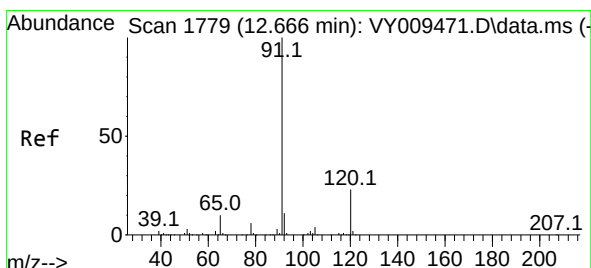
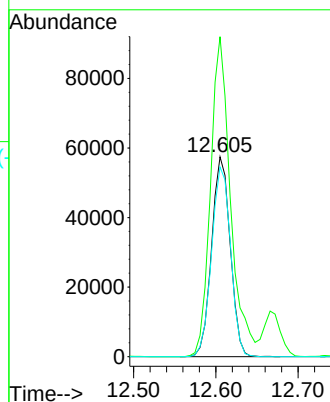
Tgt Ion:	156	Resp:	90399
Ion Ratio	Lower	Upper	
156	100		
77	172.0	95.5	286.4
158	96.8	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#78

n-propylbenzene

Concen: 58.960 ug/l

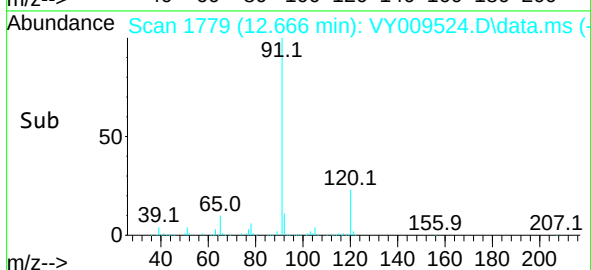
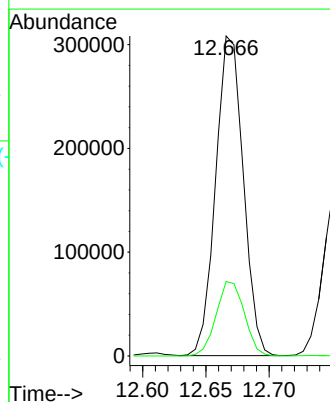
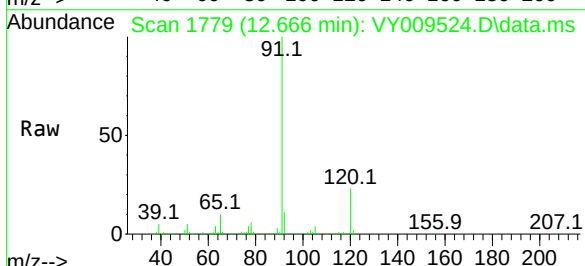
RT: 12.666 min Scan# 1779

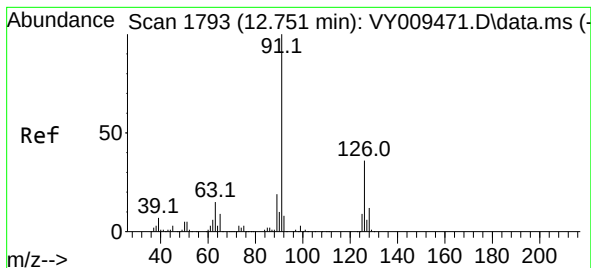
Delta R.T. 0.000 min

Lab File: VY009524.D

Acq: 12 Jul 2022 12:01

Tgt Ion:	91	Resp:	467488
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.3	33.9





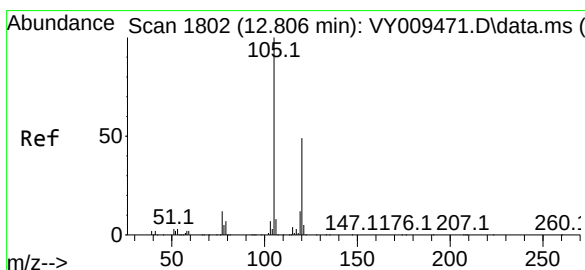
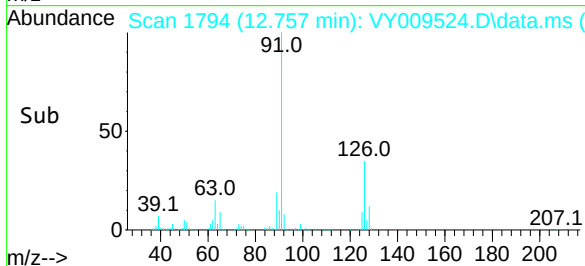
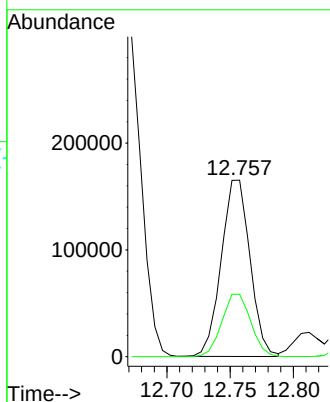
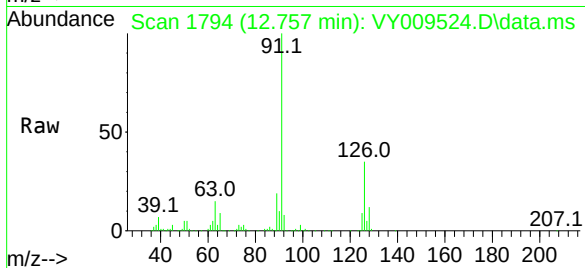
#79
2-Chlorotoluene
Concen: 58.914 ug/l
RT: 12.757 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01

Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMSD

Tgt Ion: 91 Resp: 26152
Ion Ratio Lower Upper
91 100
126 35.7 16.9 50.6

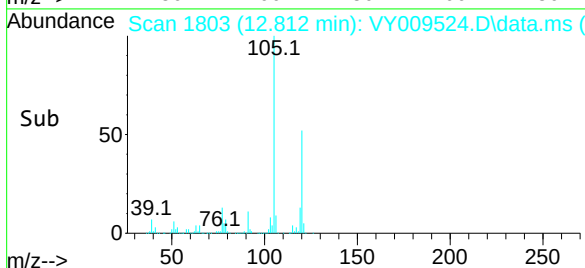
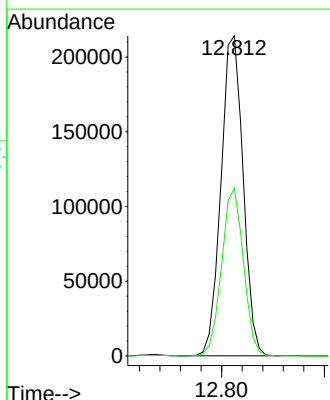
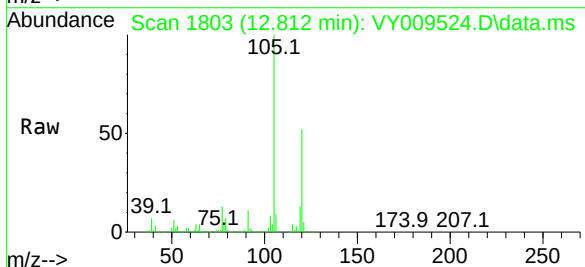
Manual Integrations
APPROVED

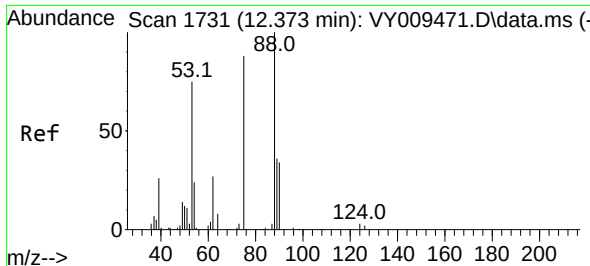
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#80
1,3,5-Trimethylbenzene
Concen: 58.298 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.006 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01

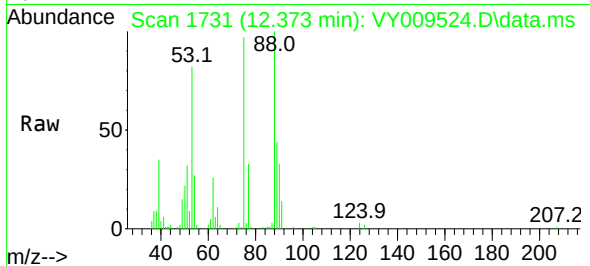
Tgt Ion:105 Resp: 319806
Ion Ratio Lower Upper
105 100
120 51.7 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 43.846 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01

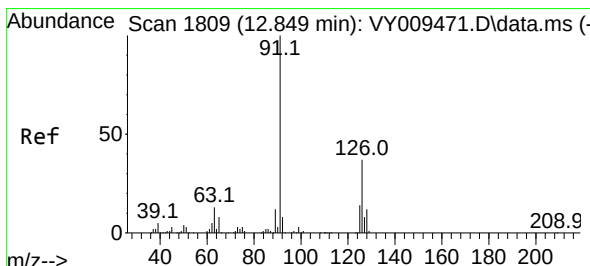
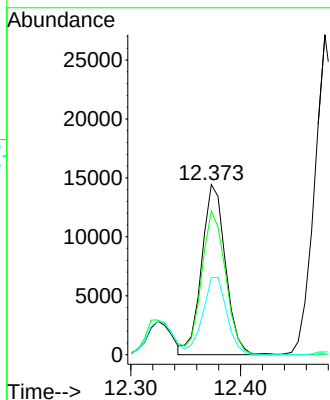
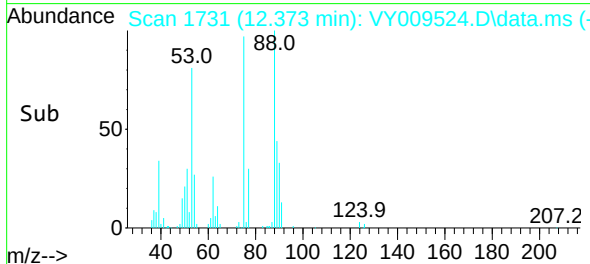
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMSD



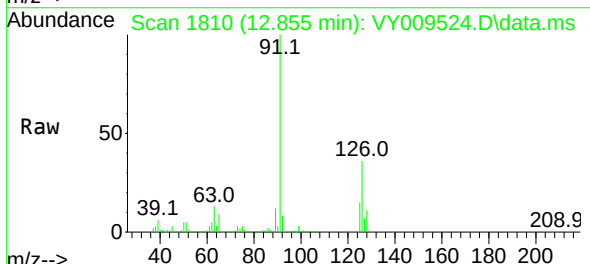
Tgt Ion: 75 Resp: 2176
Ion Ratio Lower Upper
75 100
53 84.5 85.3 127.9
89 45.7 37.0 55.4

Manual Integrations
APPROVED

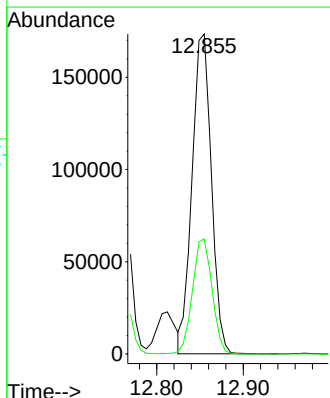
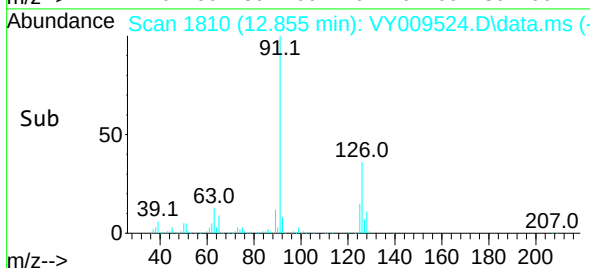
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

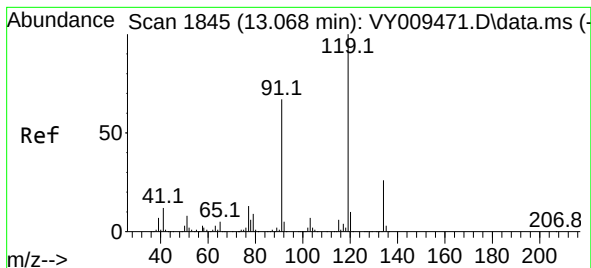


#82
4-Chlorotoluene
Concen: 57.723 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01



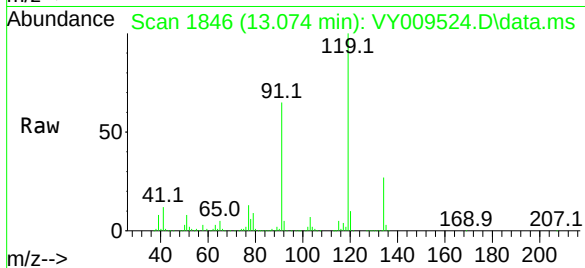
Tgt Ion: 91 Resp: 268530
Ion Ratio Lower Upper
91 100
126 36.6 17.0 51.0





#83
tert-Butylbenzene
Concen: 56.769 ug/l
RT: 13.074 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01

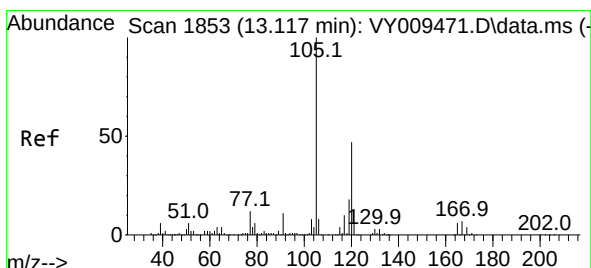
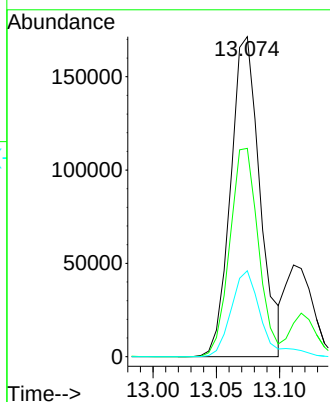
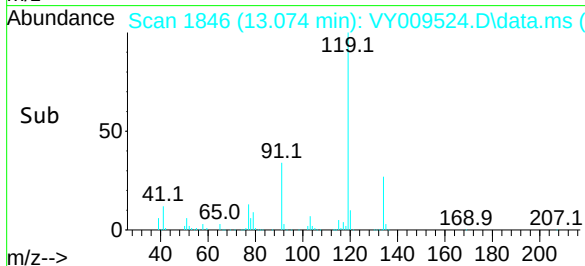
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMSD



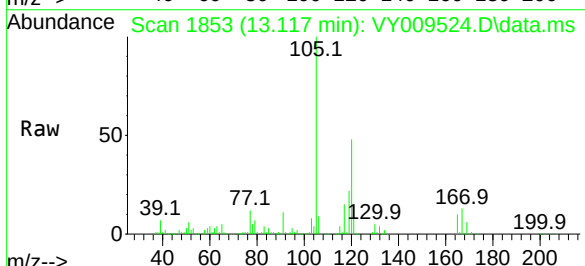
Tgt Ion:119 Resp: 277063
Ion Ratio Lower Upper
119 100
91 63.4 34.8 104.4
134 27.6 13.3 39.9

Manual Integrations
APPROVED

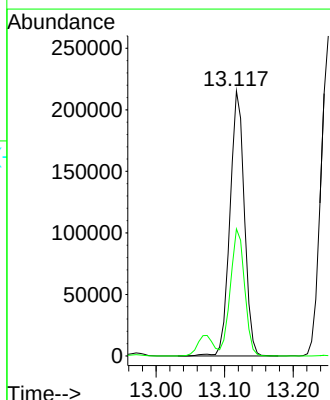
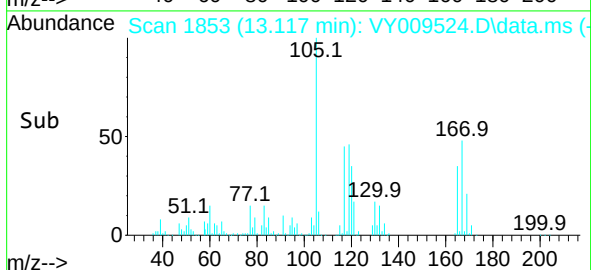
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

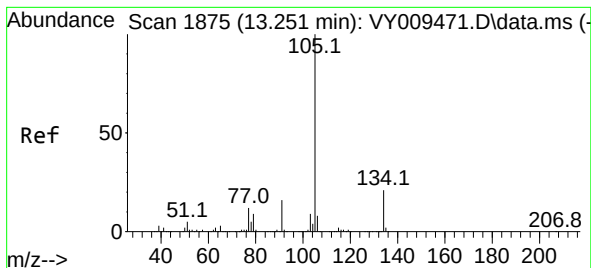


#84
1,2,4-Trimethylbenzene
Concen: 57.557 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01



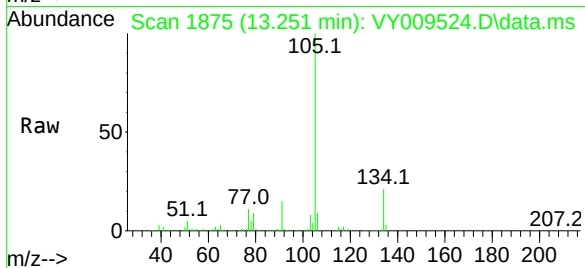
Tgt Ion:105 Resp: 314273
Ion Ratio Lower Upper
105 100
120 47.2 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 53.701 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY009524.D
 Acq: 12 Jul 2022 12:01

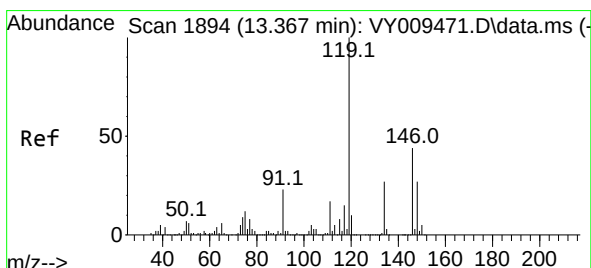
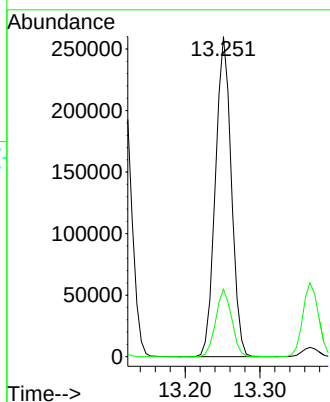
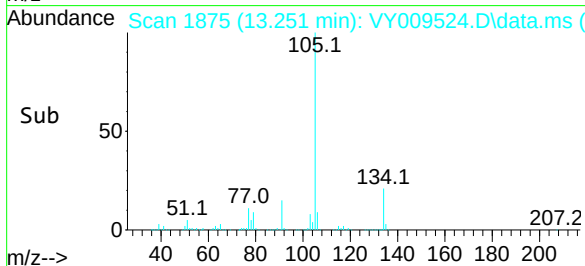
Instrument :
 MSVOA_Y
 ClientSampleId :
 20220487A-5AMSD



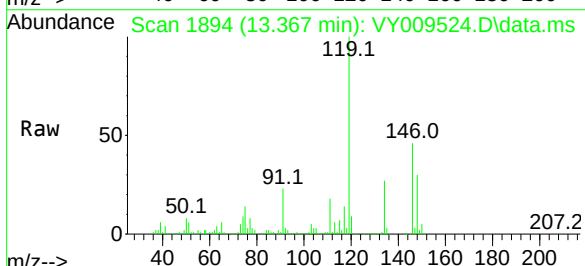
Tgt Ion:105 Resp: 385990
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.2 30.4

Manual Integrations
 APPROVED

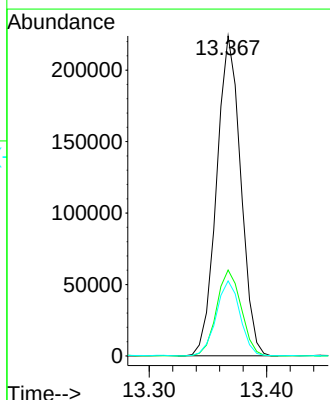
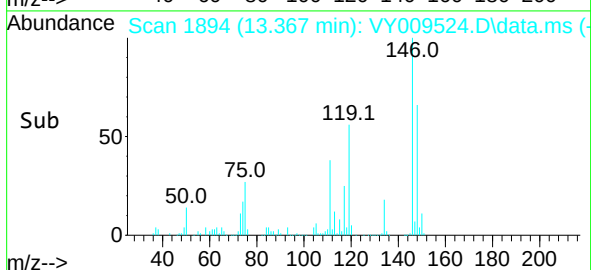
Reviewed By :John Carlone 07/13/2022
 Supervised By :Mahesh Dadoda 07/13/2022

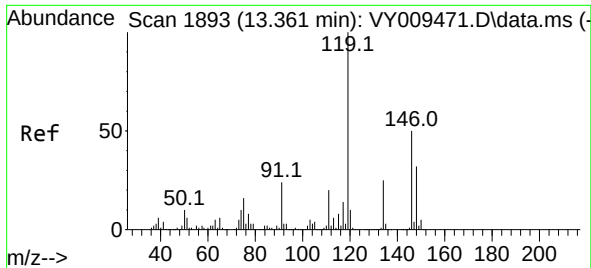


#86
 p-Isopropyltoluene
 Concen: 53.288 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY009524.D
 Acq: 12 Jul 2022 12:01



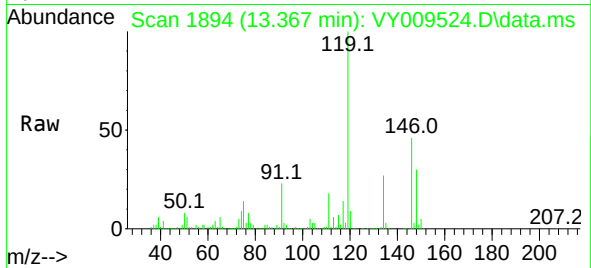
Tgt Ion:119 Resp: 319273
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.2 39.5
 91 23.2 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 52.901 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01

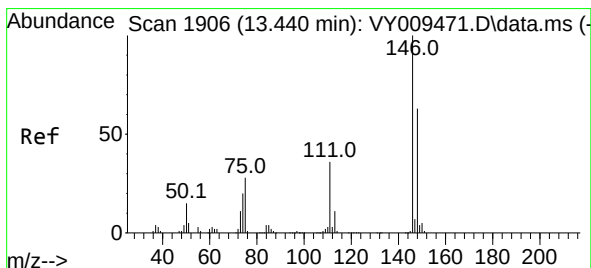
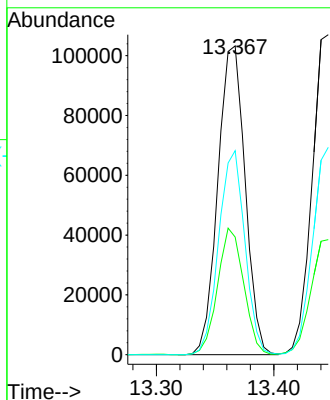
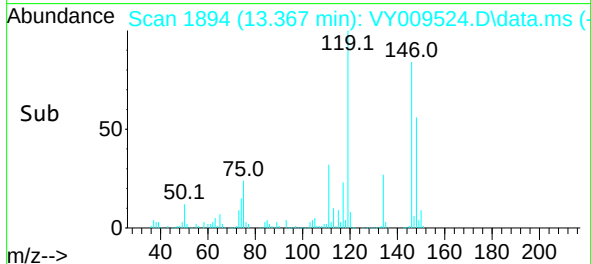
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMSD



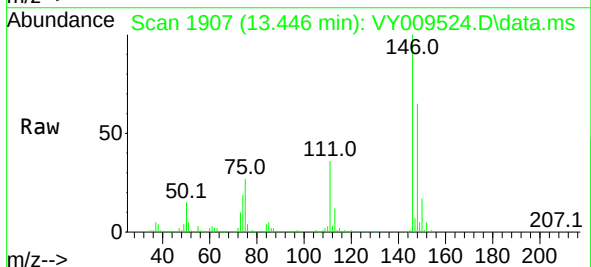
Tgt Ion:146 Resp: 166840
Ion Ratio Lower Upper
146 100
111 39.2 19.5 58.5
148 63.4 31.6 95.0

Manual Integrations
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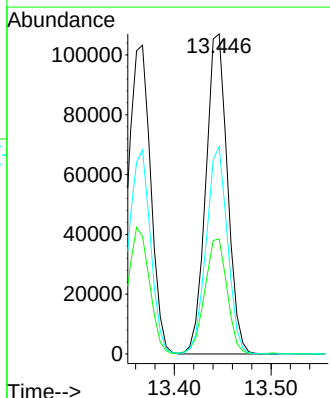
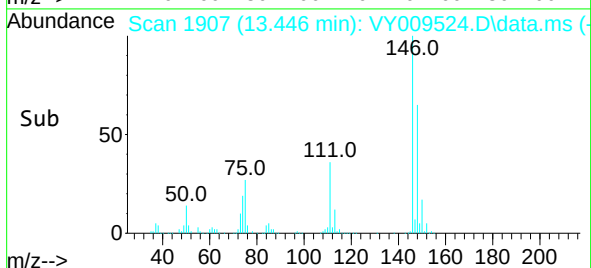
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

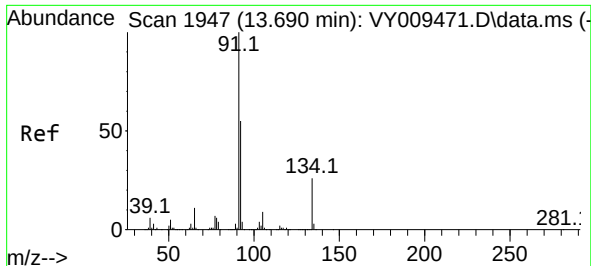


#88
1,4-Dichlorobenzene
Concen: 52.213 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01



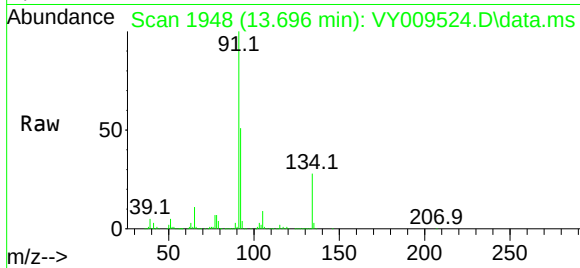
Tgt Ion:146 Resp: 166663
Ion Ratio Lower Upper
146 100
111 36.9 19.3 57.8
148 63.7 32.6 97.8





#89
n-Butylbenzene
Concen: 47.131 ug/l
RT: 13.696 min Scan# 1947
Delta R.T. 0.006 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01

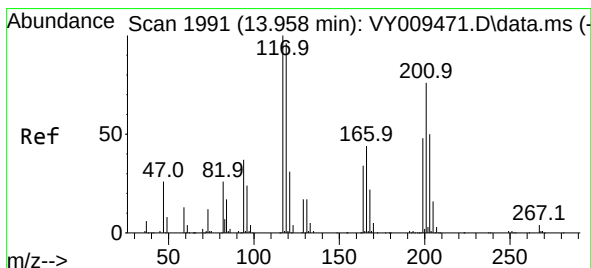
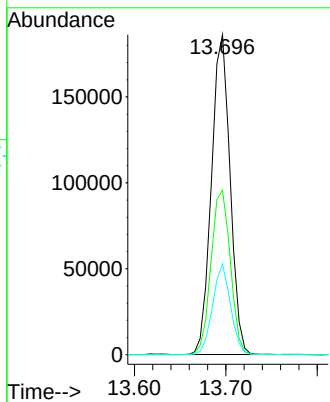
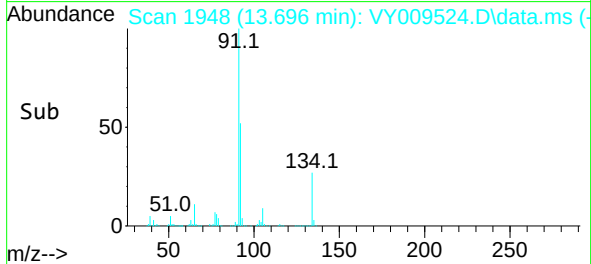
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMSD



Tgt Ion: 91 Resp: 26369
Ion Ratio Lower Upper
91 100
92 53.3 26.3 78.9
134 27.3 13.0 38.9

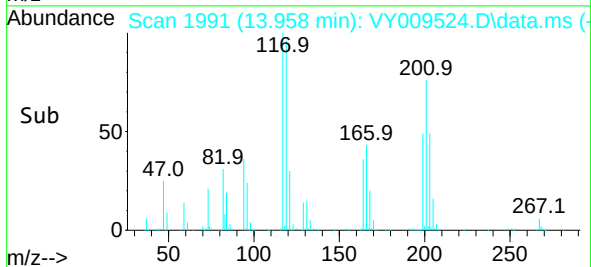
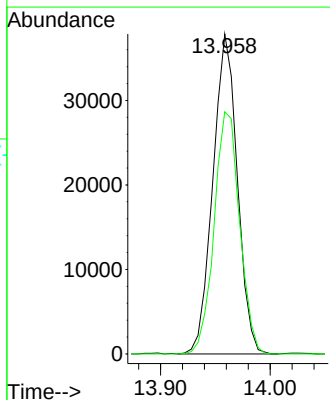
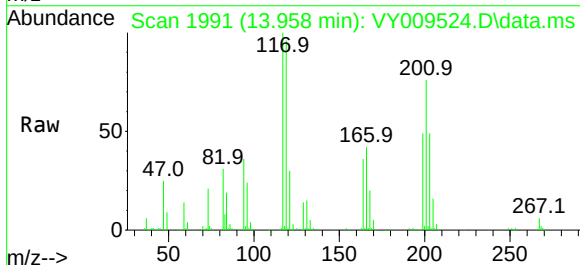
Manual Integrations
APPROVED

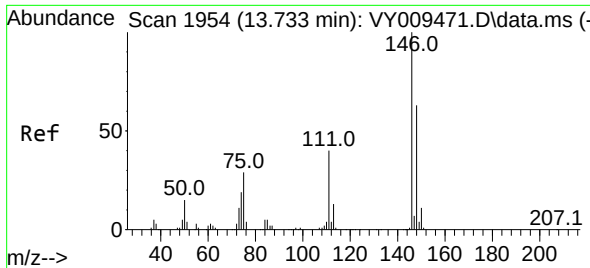
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#90
Hexachloroethane
Concen: 49.908 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01

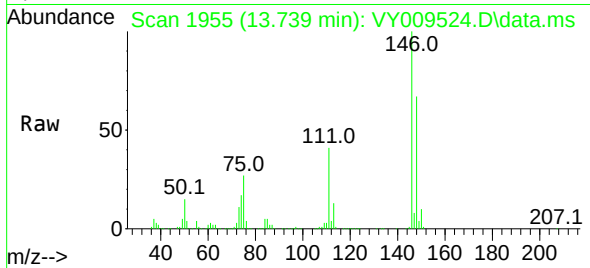
Tgt Ion:117 Resp: 58670
Ion Ratio Lower Upper
117 100
201 78.9 43.0 128.8





#91
1,2-Dichlorobenzene
Concen: 50.480 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01

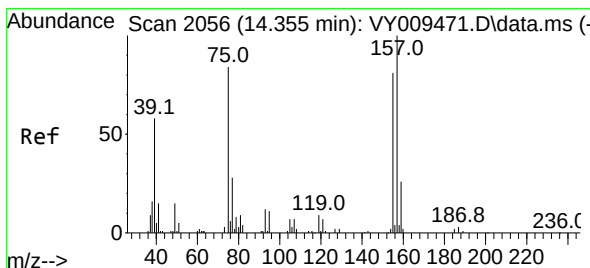
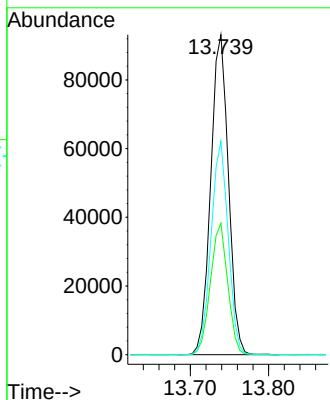
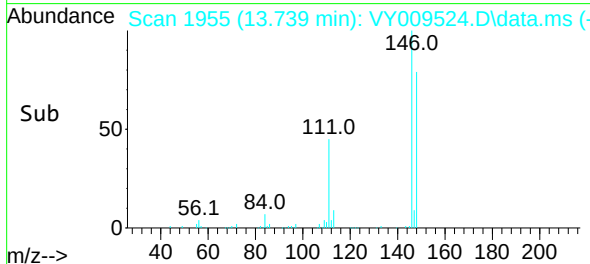
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMSD



Tgt Ion:146 Resp: 145864
Ion Ratio Lower Upper
146 100
111 40.3 20.3 60.9
148 64.7 32.3 96.9

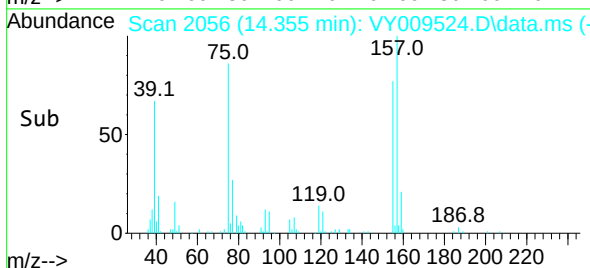
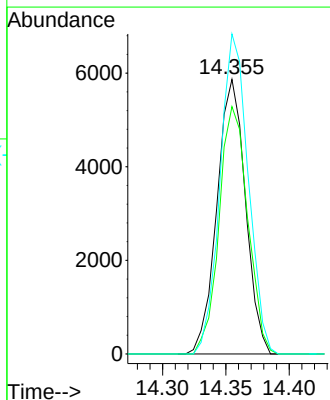
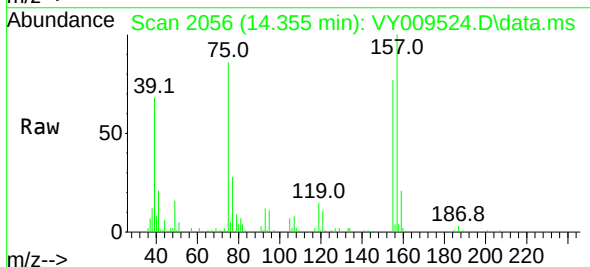
Manual Integrations
APPROVED

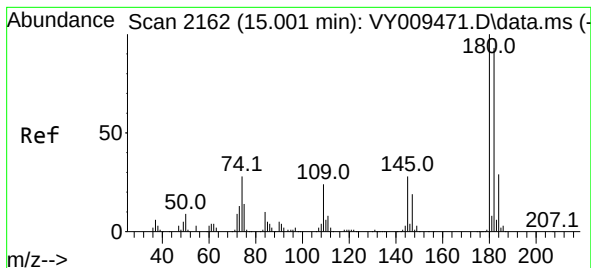
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 39.792 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01

Tgt Ion: 75 Resp: 9165
Ion Ratio Lower Upper
75 100
155 90.7 38.0 113.9
157 115.3 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 34.684 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY009524.D

Acq: 12 Jul 2022 12:01

Instrument :

MSVOA_Y

ClientSampleId :

20220487A-5AMSD

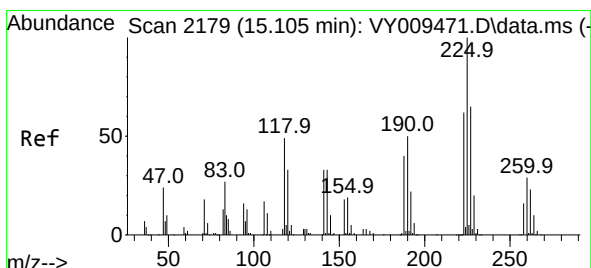
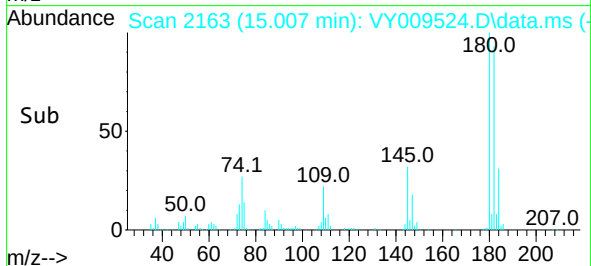
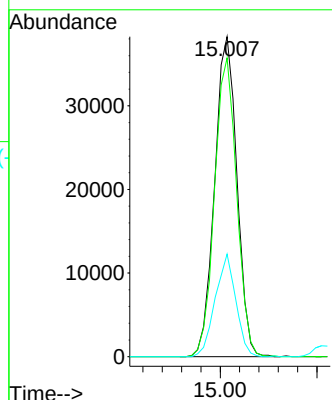
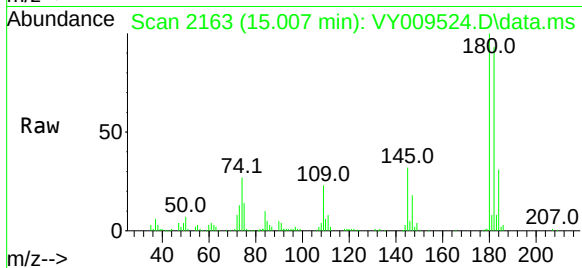
Tgt Ion:180	Resp:	6112
Ion Ratio	Lower	Upper
180	100	
182	92.8	47.3 141.9
145	29.7	14.6 43.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#94

Hexachlorobutadiene

Concen: 25.252 ug/l

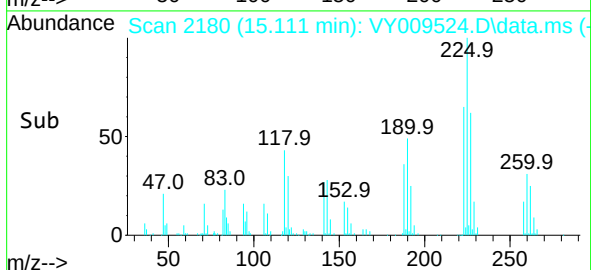
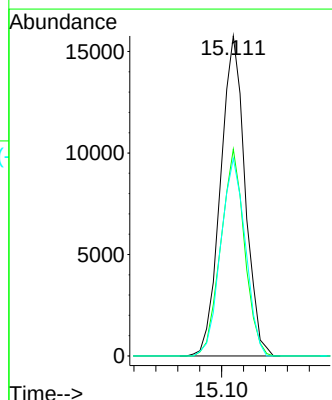
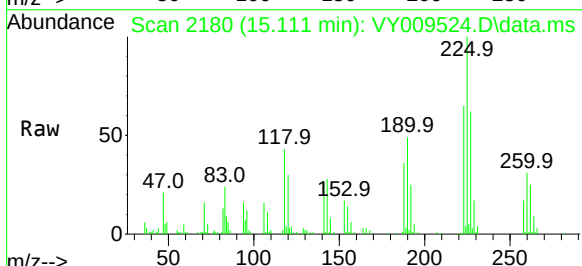
RT: 15.111 min Scan# 2180

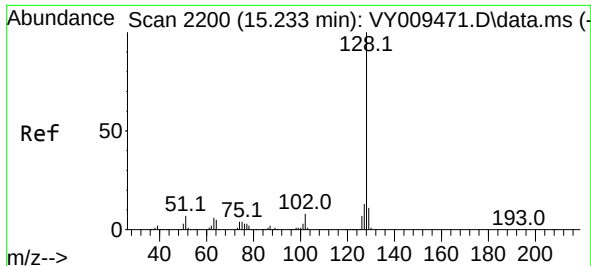
Delta R.T. 0.006 min

Lab File: VY009524.D

Acq: 12 Jul 2022 12:01

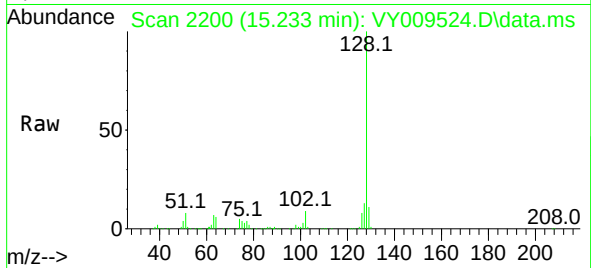
Tgt Ion:225	Resp:	24467
Ion Ratio	Lower	Upper
225	100	
223	62.3	30.8 92.3
227	62.1	31.6 94.7





#95
Naphthalene
Concen: 34.652 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01

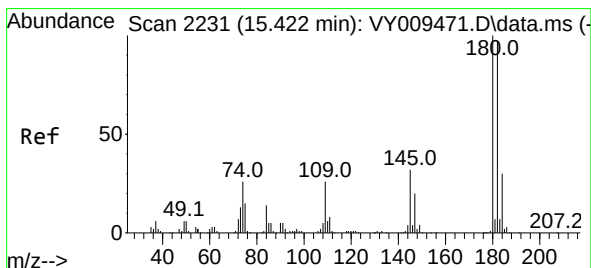
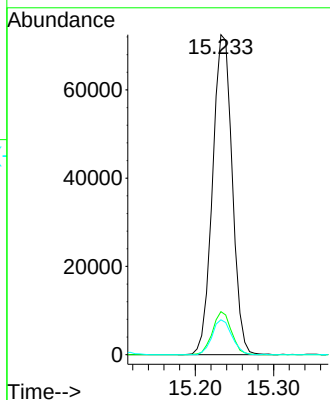
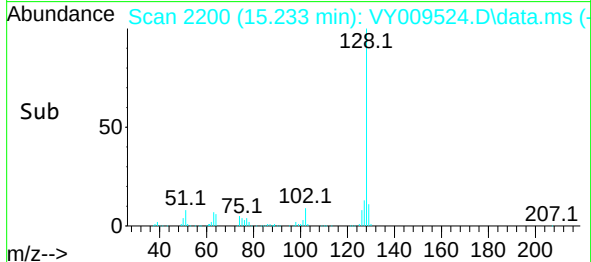
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMSD



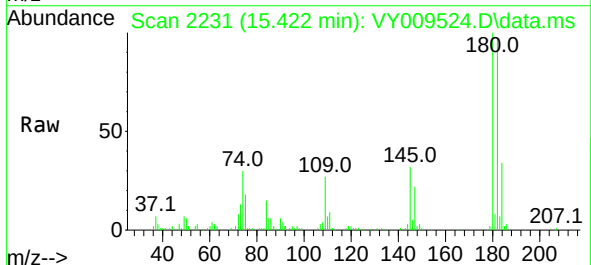
Tgt Ion:128 Resp: 126264
Ion Ratio Lower Upper
128 100
127 13.0 11.0 16.4
129 10.9 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#96
1,2,3-Trichlorobenzene
Concen: 30.385 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY009524.D
Acq: 12 Jul 2022 12:01



Tgt Ion:180 Resp: 46379
Ion Ratio Lower Upper
180 100
182 97.6 47.3 141.9
145 32.4 15.3 45.9

