

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100322\
 Data File : VX031827.D
 Acq On : 03 Oct 2022 10:59
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/04/2022
 Supervised By : Mahesh Dadoda 10/06/2022

Quant Time: Oct 04 06:30:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 06:27:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	89498	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	135186	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	153170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	32205	17.003	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	34.000%#		
35) Dibromofluoromethane	5.385	113	29373	15.566	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	31.140%#		
50) Toluene-d8	8.647	98	111315	16.754	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	33.500%#		
62) 4-Bromofluorobenzene	11.079	95	39959	16.536	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	33.080%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	24931	19.969	ug/l	95
3) Chloromethane	1.288	50	24914	18.657	ug/l	99
4) Vinyl Chloride	1.374	62	31784	19.056	ug/l	100
5) Bromomethane	1.611	94	23708	17.130	ug/l	97
6) Chloroethane	1.691	64	26878	15.524	ug/l	98
7) Trichlorofluoromethane	1.886	101	62478	18.542	ug/l	99
8) Diethyl Ether	2.136	74	20077	17.388	ug/l	73
9) 1,1,2-Trichlorotrifluo...	2.325	101	26272	17.953	ug/l #	88
10) Methyl Iodide	2.453	142	27141	17.259	ug/l	100
11) Tert butyl alcohol	3.014	59	22869m	90.292	ug/l	
12) 1,1-Dichloroethene	2.318	96	24624	17.781	ug/l	84
13) Acrolein	2.239	56	12735	81.404	ug/l	99
14) Allyl chloride	2.666	41	30526	17.084	ug/l #	91
15) Acrylonitrile	3.068	53	56973	85.121	ug/l	99
16) Acetone	2.392	43	44631	85.842	ug/l	92
17) Carbon Disulfide	2.514	76	66343	17.518	ug/l	99
18) Methyl Acetate	2.709	43	29552	17.131	ug/l #	87
19) Methyl tert-butyl Ether	3.111	73	80804	17.260	ug/l	97
20) Methylene Chloride	2.788	84	27417	17.179	ug/l #	86
21) trans-1,2-Dichloroethene	3.093	96	28338	17.184	ug/l	85
22) Diisopropyl ether	3.763	45	68136	17.797	ug/l #	94
23) Vinyl Acetate	3.721	43	260687	89.723	ug/l #	92
24) 1,1-Dichloroethane	3.611	63	44552	17.408	ug/l	95
25) 2-Butanone	4.562	43	73549	87.589	ug/l	93
26) 2,2-Dichloropropane	4.471	77	37565	17.316	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	33500	17.340	ug/l	83
28) Bromochloromethane	4.897	49	17479	16.452	ug/l #	60
29) Tetrahydrofuran	5.013	42	47242	90.704	ug/l #	82
30) Chloroform	5.092	83	54484	17.704	ug/l	99
31) Cyclohexane	5.470	56	38912	18.931	ug/l	88
32) 1,1,1-Trichloroethane	5.379	97	50592	17.685	ug/l	96
36) 1,1-Dichloropropene	5.696	75	38860	17.989	ug/l	95
37) Ethyl Acetate	4.714	43	28906	17.061	ug/l	94
38) Carbon Tetrachloride	5.684	117	47673	17.767	ug/l	98
39) Methylcyclohexane	7.385	83	46918	18.442	ug/l	87
40) Benzene	6.037	78	113466	17.718	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	16023	17.395	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	39653	17.597	ug/l	95
43) Isopropyl Acetate	6.342	43	47146	17.057	ug/l #	93
44) Trichloroethene	7.129	130	35172	17.073	ug/l	85
45) 1,2-Dichloropropane	7.433	63	26074	17.295	ug/l	95
46) Dibromomethane	7.580	93	21872	17.149	ug/l #	88
47) Bromodichloromethane	7.824	83	43754	17.307	ug/l	99
48) Methyl methacrylate	7.696	41	21137	17.080	ug/l #	82
49) 1,4-Dioxane	7.708	88	14200	358.699	ug/l #	85
51) 4-Methyl-2-Pentanone	8.573	43	155093	90.001	ug/l	91
52) Toluene	8.720	92	80398	17.954	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	42008	17.285	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	46089	17.333	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	32538	17.887	ug/l	95
56) Ethyl methacrylate	9.116	69	38736	18.125	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	50527	18.000	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	98570	90.083	ug/l #	85
59) 2-Hexanone	9.433	43	113459	90.518	ug/l	88
60) Dibromochloromethane	9.518	129	39006	17.480	ug/l	99
61) 1,2-Dibromoethane	9.610	107	35912	17.749	ug/l	100
64) Tetrachloroethene	9.275	164	36217	17.119	ug/l	97
65) Chlorobenzene	10.079	112	89831	17.323	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	35055	17.387	ug/l	98
67) Ethyl Benzene	10.195	91	151693	18.018	ug/l	96
68) m/p-Xylenes	10.305	106	126922	36.374	ug/l	93
69) o-Xylene	10.640	106	61322	18.131	ug/l	91
70) Styrene	10.652	104	100273	18.075	ug/l	95
71) Bromoform	10.799	173	29034	16.738	ug/l #	99
73) Isopropylbenzene	10.963	105	157833	17.644	ug/l	99
74) N-amyl acetate	10.841	43	37155	16.900	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.213	83	44205	16.952	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	40259m	18.192	ug/l	
77) Bromobenzene	11.201	156	41272	16.877	ug/l	87
78) n-propylbenzene	11.305	91	175658	18.037	ug/l	96
79) 2-Chlorotoluene	11.366	91	105448	17.711	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	136568	18.204	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	12032	16.432	ug/l	96
82) 4-Chlorotoluene	11.457	91	123819	17.993	ug/l	96
83) tert-Butylbenzene	11.713	119	137869	18.289	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	136752	18.231	ug/l	97
85) sec-Butylbenzene	11.890	105	165779	18.583	ug/l	99
86) p-Isopropyltoluene	12.012	119	146631	18.674	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	78289	17.212	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	81274	17.154	ug/l	98
89) n-Butylbenzene	12.335	91	112672	18.330	ug/l	98
90) Hexachloroethane	12.542	117	25280	17.748	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	78359	17.217	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10225	18.563	ug/l	76
93) 1,2,4-Trichlorobenzene	13.591	180	47606	17.214	ug/l	98
94) Hexachlorobutadiene	13.725	225	18983	17.369	ug/l	97
95) Naphthalene	13.774	128	158322	18.064	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	47449	17.611	ug/l	98

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QLast Update : Tue Oct 04 06:27:45 2022
Response via : Initial Calibration

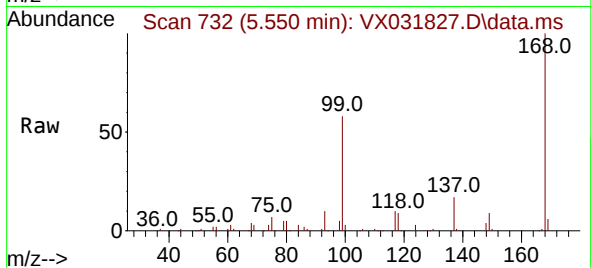
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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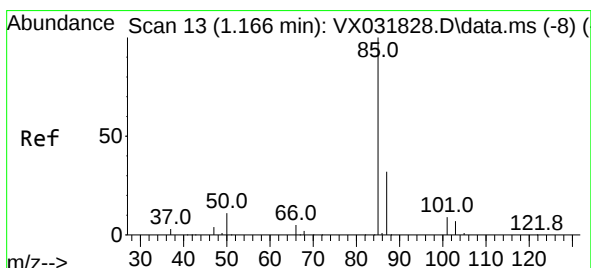
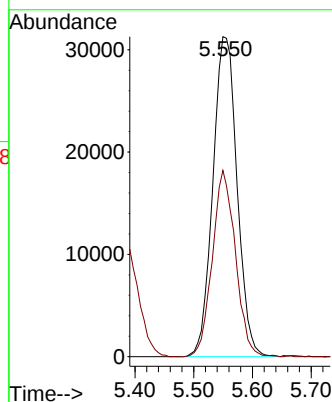
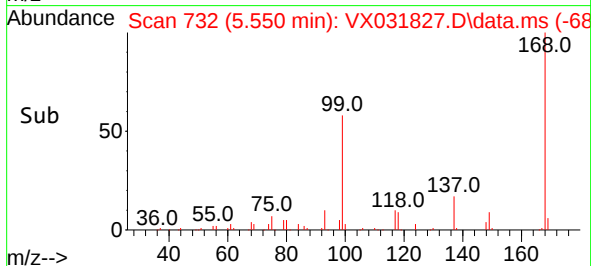
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:168 Resp: 89498
Ion Ratio Lower Upper
168 100
99 58.2 48.8 73.2

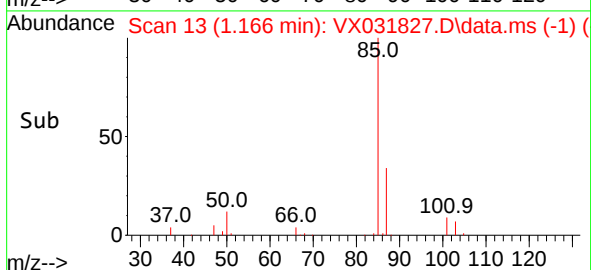
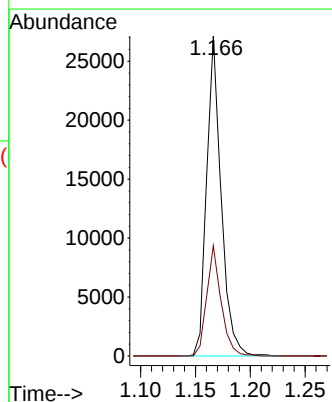
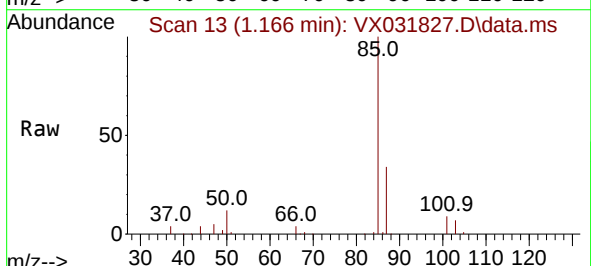
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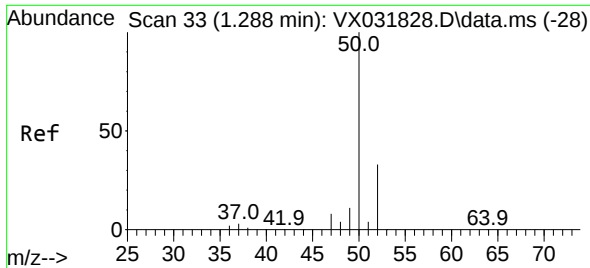
Reviewed By :John Carlone 10/04/2022
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#2
Dichlorodifluoromethane
Concen: 19.969 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59

Tgt Ion: 85 Resp: 24931
Ion Ratio Lower Upper
85 100
87 34.5 15.8 47.4





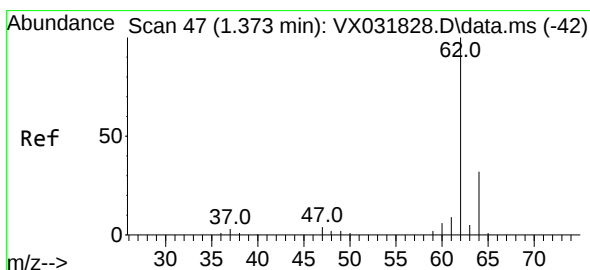
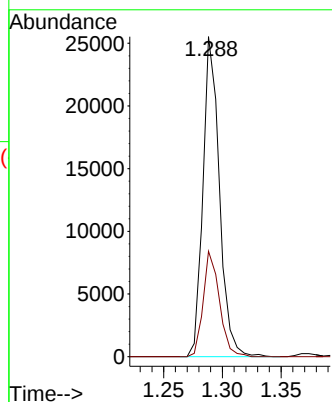
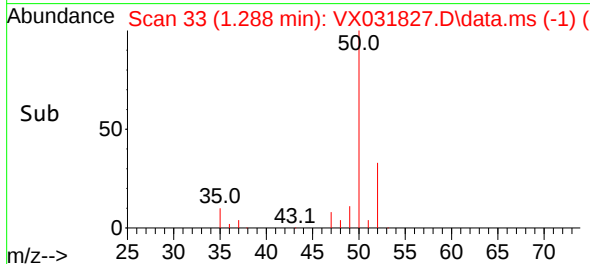
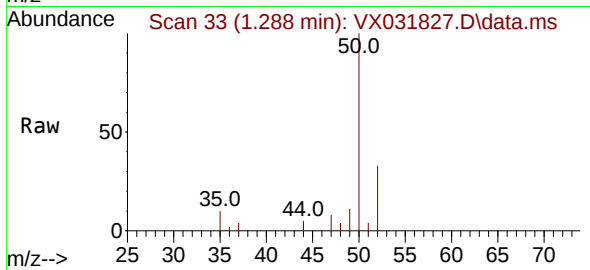
#3
Chloromethane
Concen: 18.657 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.000 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59

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Tgt Ion: 50 Resp: 24914
Ion Ratio Lower Upper
50 100
52 32.9 26.9 40.3

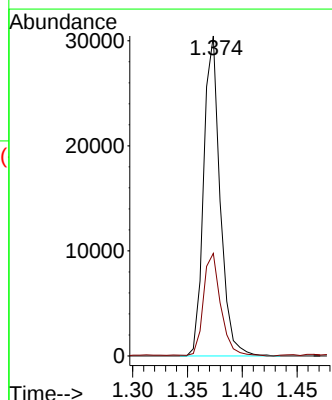
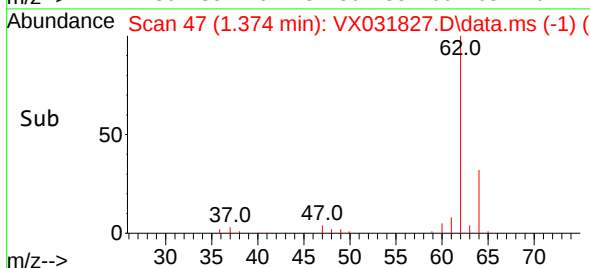
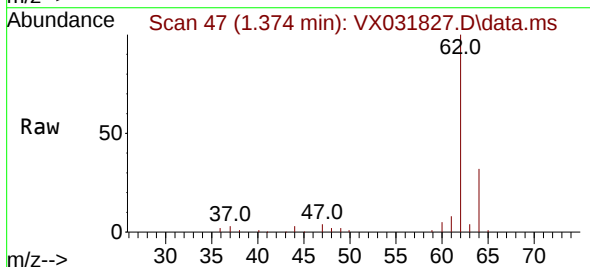
Manual Integrations
APPROVED

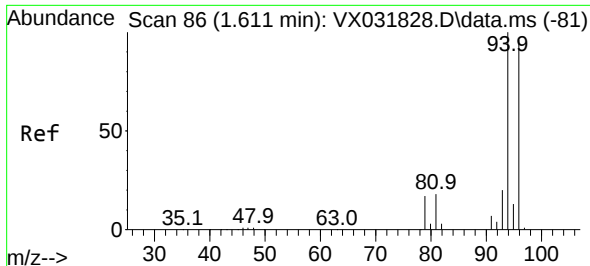
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#4
Vinyl Chloride
Concen: 19.056 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59

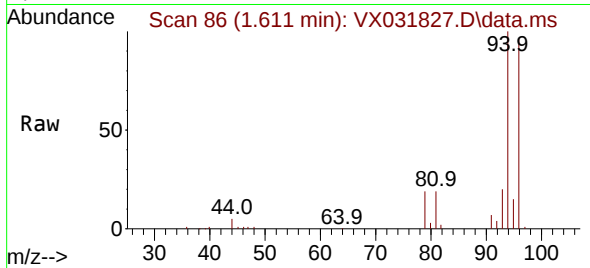
Tgt Ion: 62 Resp: 31784
Ion Ratio Lower Upper
62 100
64 31.8 25.3 37.9





#5
Bromomethane
Concen: 17.130 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.000 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59

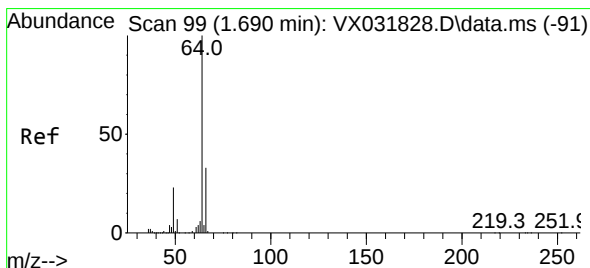
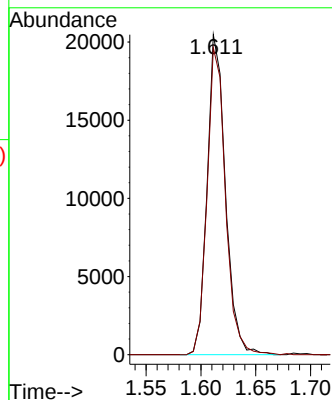
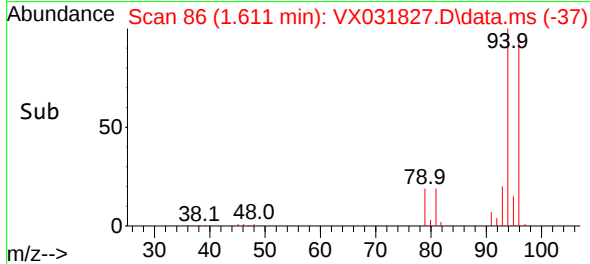
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 94 Resp: 23708
Ion Ratio Lower Upper
94 100
96 95.9 74.4 111.6

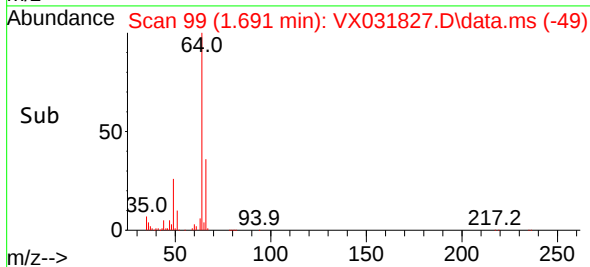
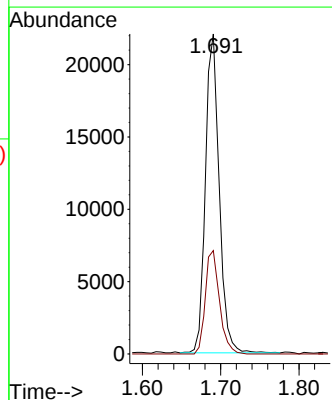
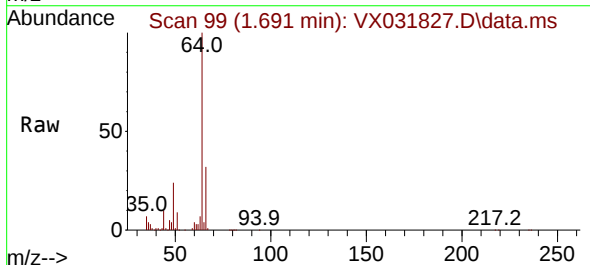
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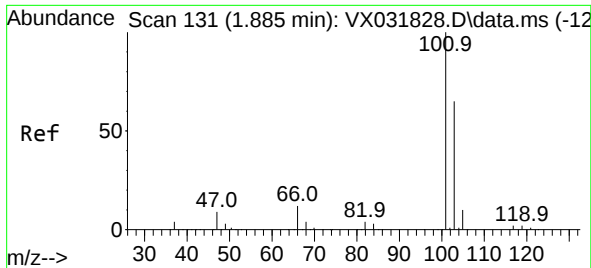
Reviewed By :John Carlone 10/04/2022
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#6
Chloroethane
Concen: 15.524 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59

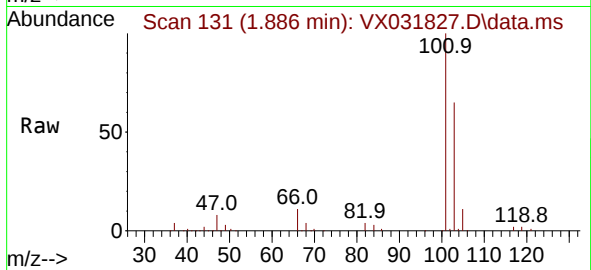
Tgt Ion: 64 Resp: 26878
Ion Ratio Lower Upper
64 100
66 32.4 25.0 37.4





#7
Trichlorofluoromethane
Concen: 18.542 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX031827.D
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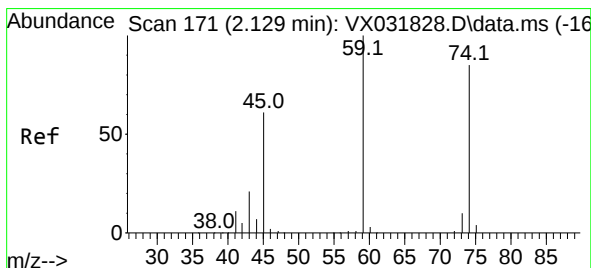
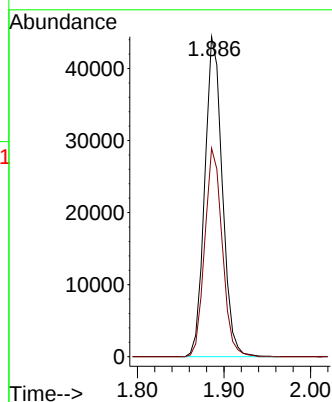
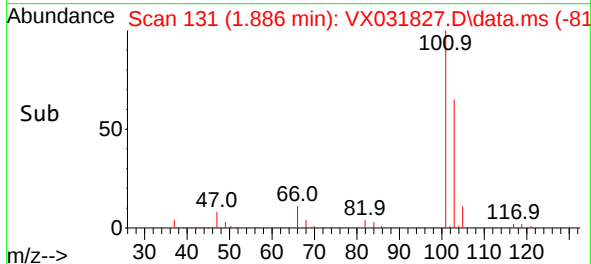
Instrument :
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ClientSampleId :
VSTDIC020



Tgt Ion:101 Resp: 62478
Ion Ratio Lower Upper
101 100
103 65.1 51.8 77.6

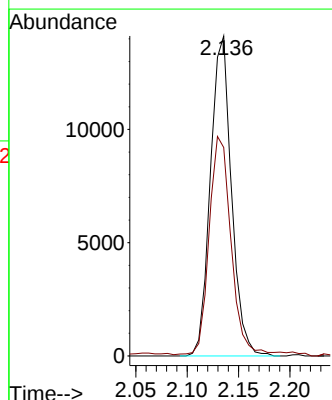
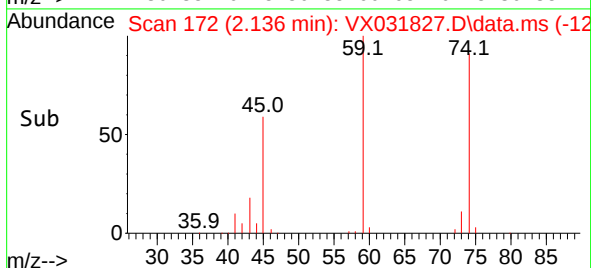
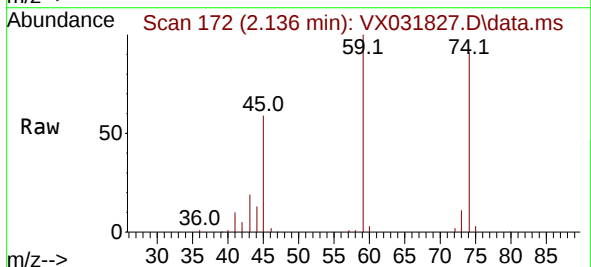
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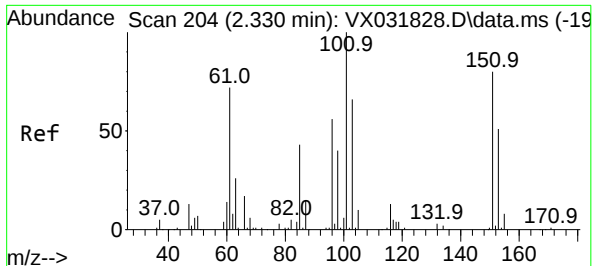
Reviewed By :John Carlone 10/04/2022
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#8
Diethyl Ether
Concen: 17.388 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59

Tgt Ion: 74 Resp: 20077
Ion Ratio Lower Upper
74 100
45 70.6 48.5 145.6





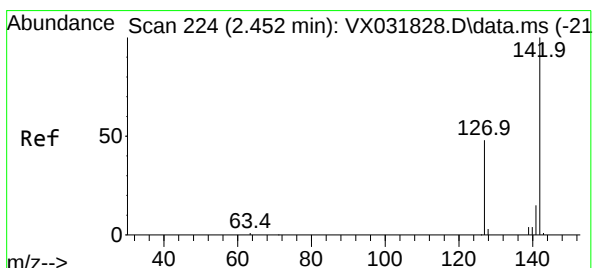
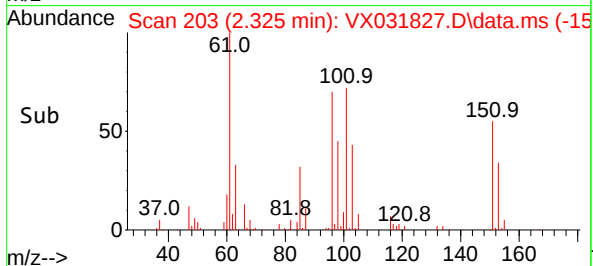
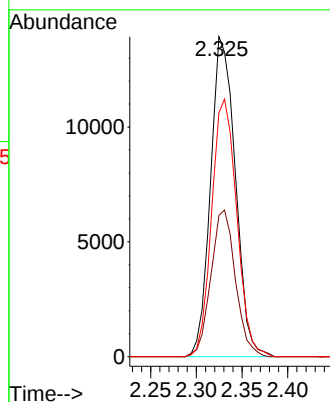
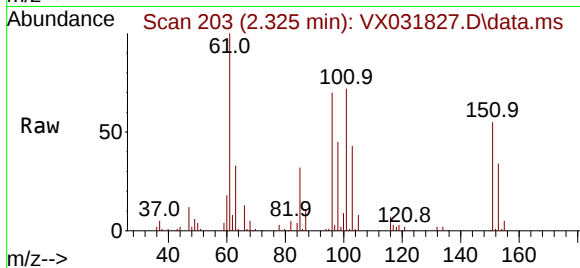
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1,1,2-Trichlorotrifluoroethane
Concen: 17.953 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59

Instrument :
MSVOA_X
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Tgt Ion:101 Resp: 2627
Ion Ratio Lower Upper
101 100
85 45.4 38.6 57.8
151 81.3 54.0 81.0

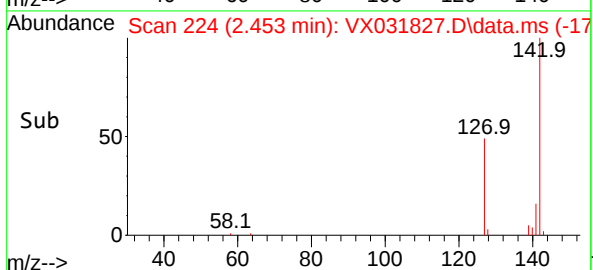
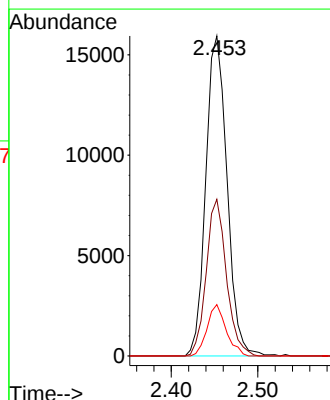
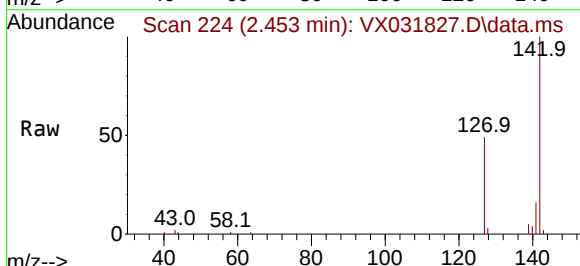
Manual Integrations
APPROVED

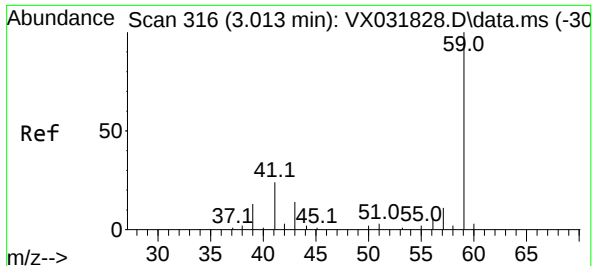
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#10
Methyl Iodide
Concen: 17.259 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59

Tgt Ion:142 Resp: 27141
Ion Ratio Lower Upper
142 100
127 46.6 37.4 56.0
141 14.5 11.6 17.4





#11

Tert butyl alcohol

Concen: 90.292 ug/l m

RT: 3.014 min Scan# 31

Delta R.T. -0.067 min

Lab File: VX031827.D

Acq: 03 Oct 2022 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 59 Resp: 22869

Ion Ratio Lower Upper

59 100

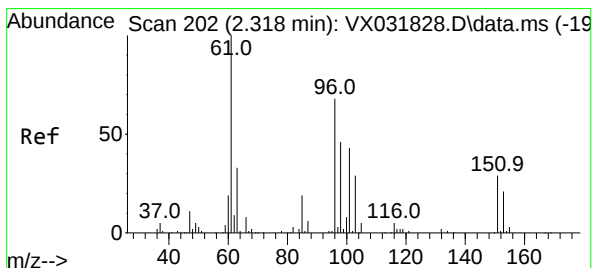
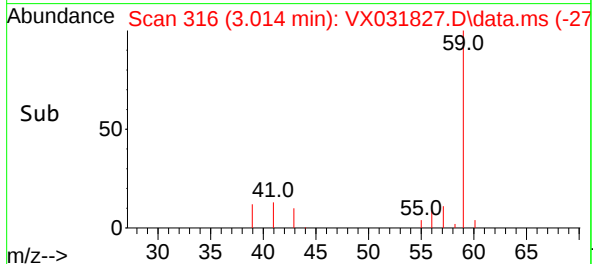
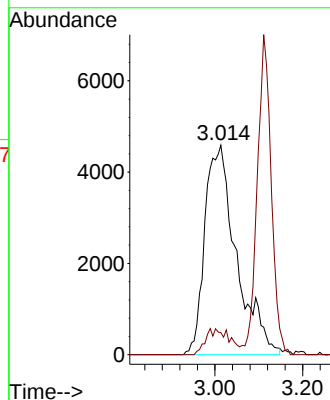
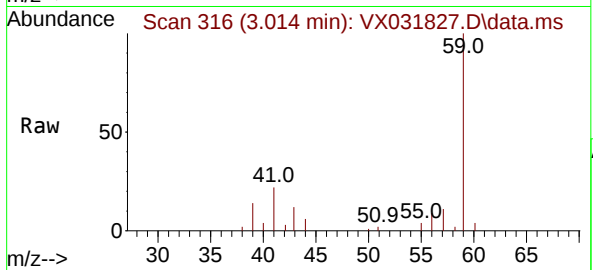
57 0.0 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#12

1,1-Dichloroethene

Concen: 17.781 ug/l

RT: 2.318 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX031827.D

Acq: 03 Oct 2022 10:59

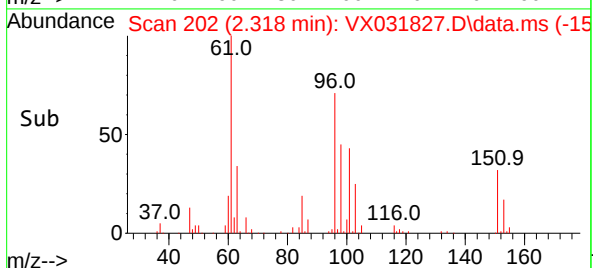
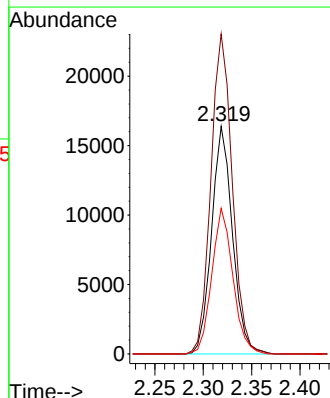
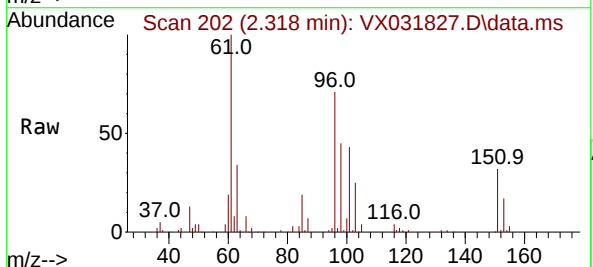
Tgt Ion: 96 Resp: 24624

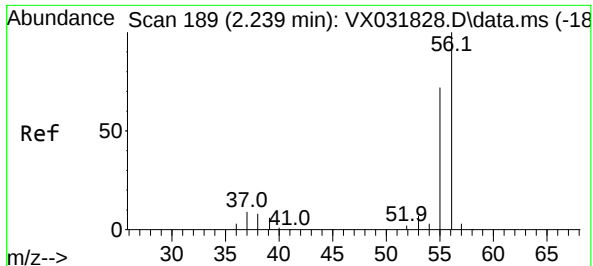
Ion Ratio Lower Upper

96 100

61 140.6 135.3 202.9

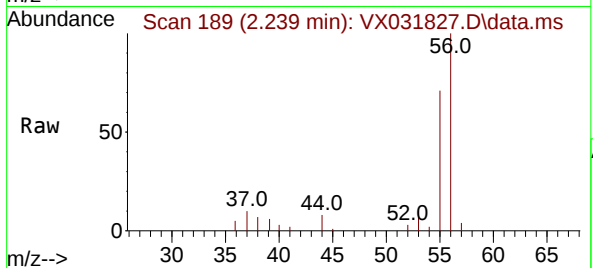
98 64.0 49.4 74.2





#13
Acrolein
Concen: 81.404 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59

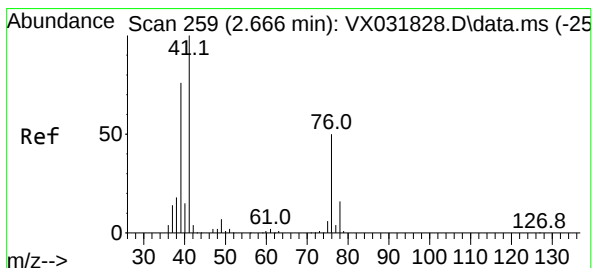
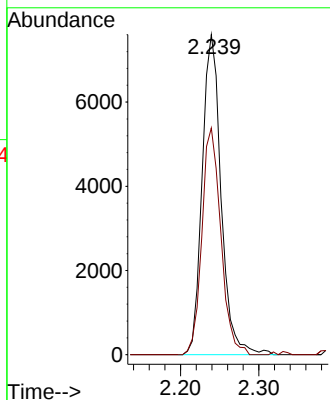
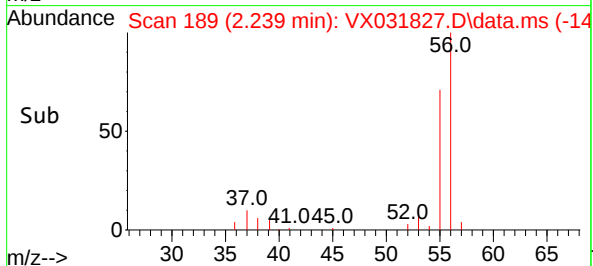
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 12735
Ion Ratio Lower Upper
56 100
55 70.7 56.0 84.0

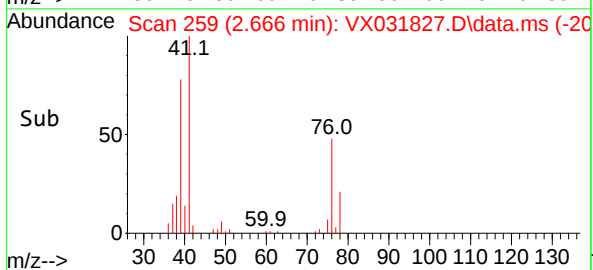
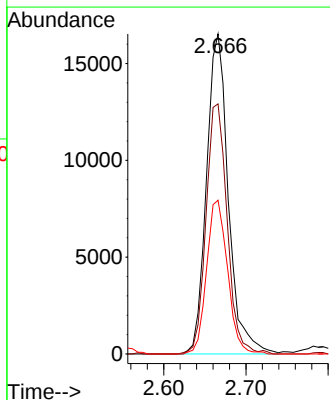
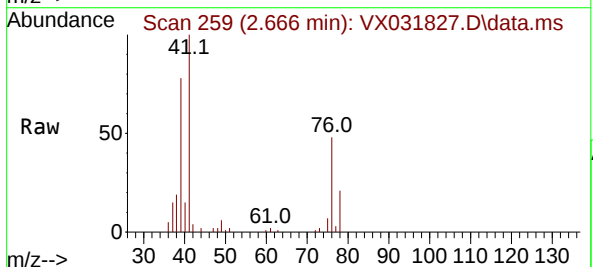
Manual Integrations
APPROVED

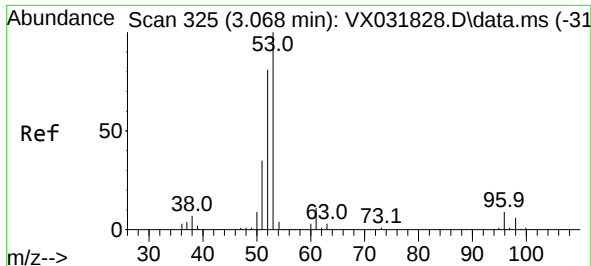
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#14
Allyl chloride
Concen: 17.084 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59

Tgt Ion: 41 Resp: 30526
Ion Ratio Lower Upper
41 100
39 75.6 58.2 87.4
76 46.1 26.9 40.3





#15

Acrylonitrile

Concen: 85.121 ug/l

RT: 3.068 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX031827.D

Acq: 03 Oct 2022 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

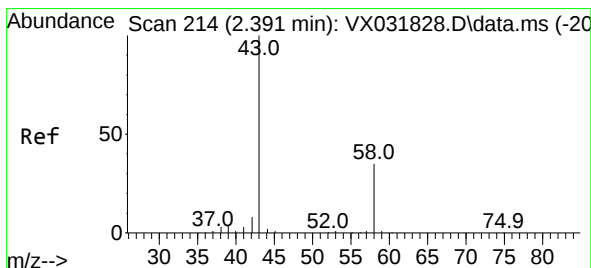
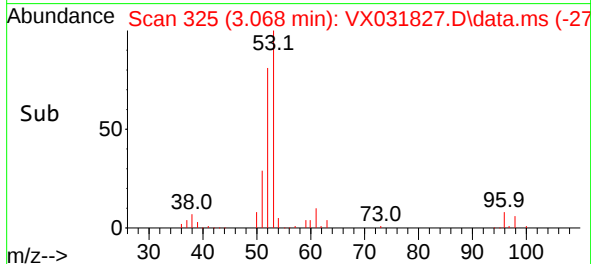
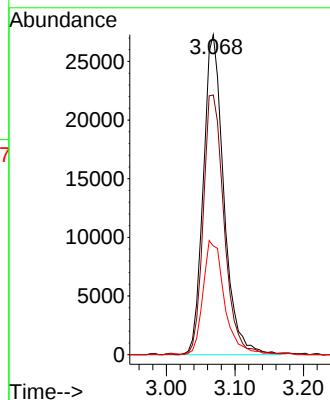
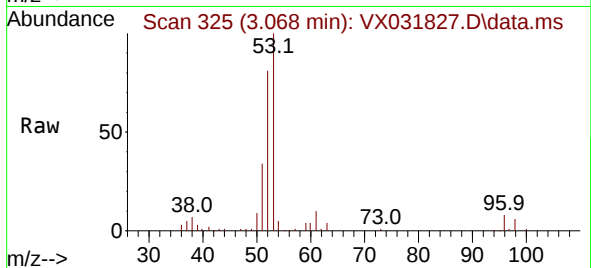
Tgt Ion:	53	Resp:	5697
Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.9	100.3
51	37.4	30.0	45.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#16

Acetone

Concen: 85.842 ug/l

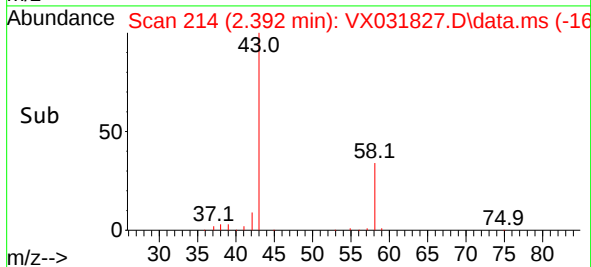
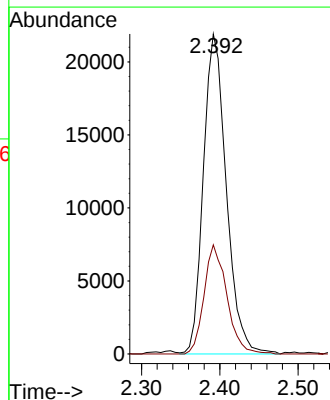
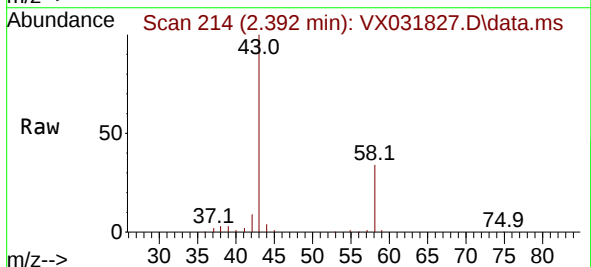
RT: 2.392 min Scan# 214

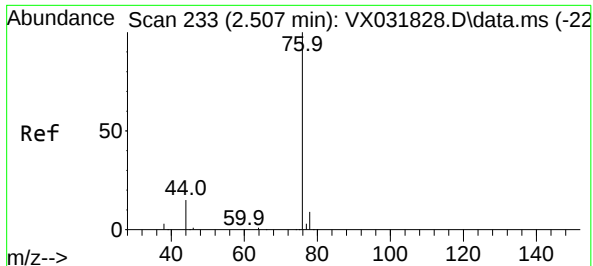
Delta R.T. -0.000 min

Lab File: VX031827.D

Acq: 03 Oct 2022 10:59

Tgt Ion:	43	Resp:	44631
Ion	Ratio	Lower	Upper
43	100		
58	34.1	23.8	35.8





#17

Carbon Disulfide

Concen: 17.518 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX031827.D

Acq: 03 Oct 2022 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 6634

Ion Ratio Lower Upper

76 100

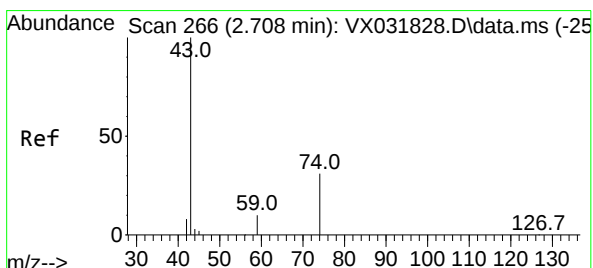
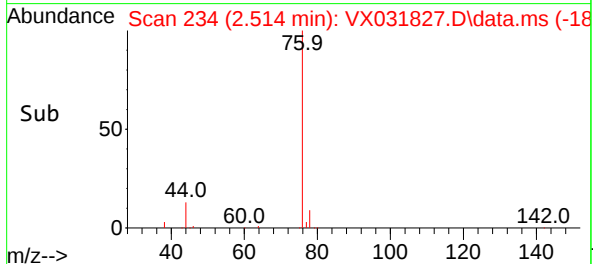
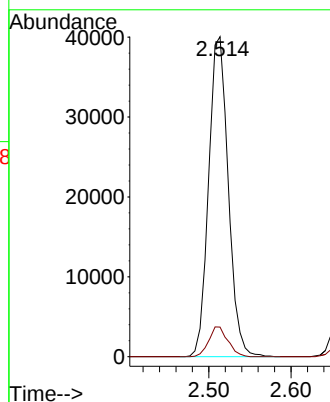
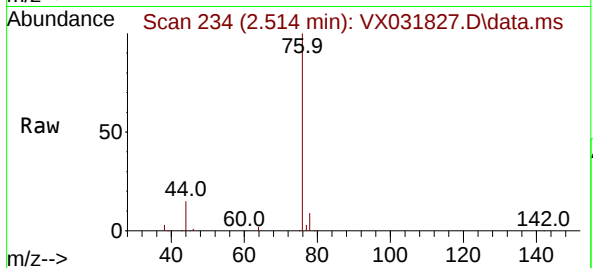
78 9.3 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#18

Methyl Acetate

Concen: 17.131 ug/l

RT: 2.709 min Scan# 266

Delta R.T. -0.000 min

Lab File: VX031827.D

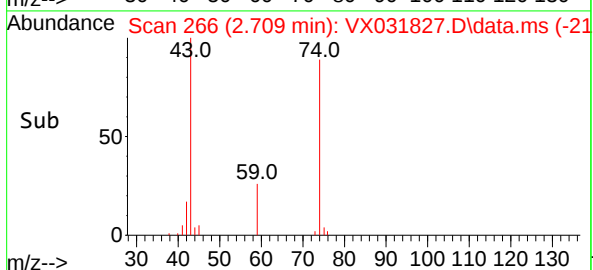
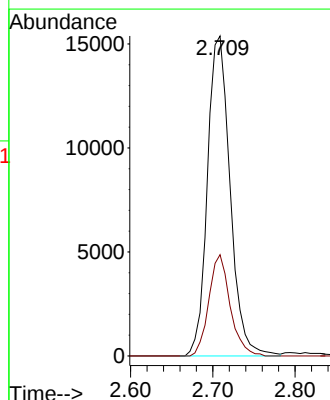
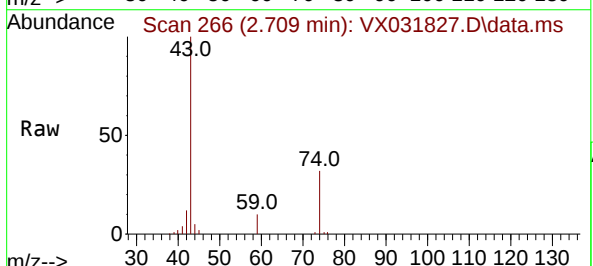
Acq: 03 Oct 2022 10:59

Tgt Ion: 43 Resp: 29552

Ion Ratio Lower Upper

43 100

74 29.8 18.6 27.8#





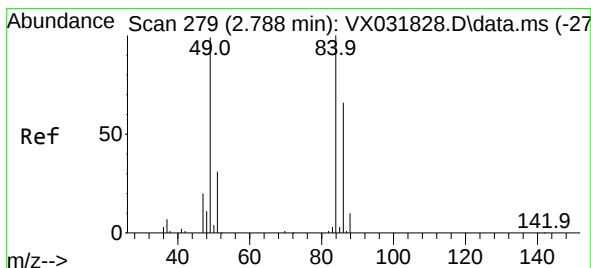
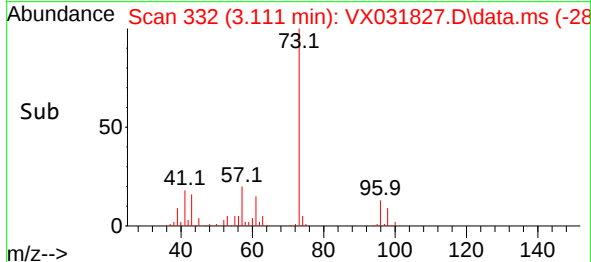
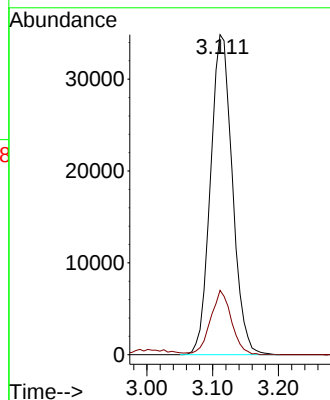
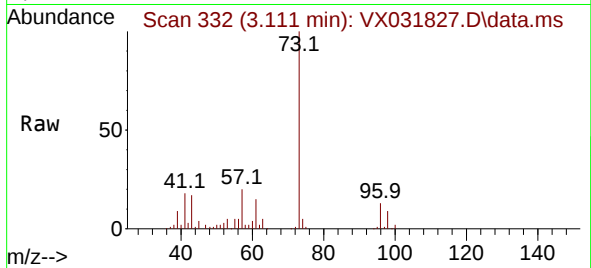
#19
Methyl tert-butyl Ether
Concen: 17.260 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 80804
Ion Ratio Lower Upper
73 100
57 20.1 17.2 25.8

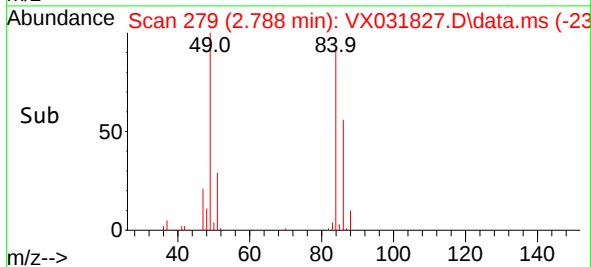
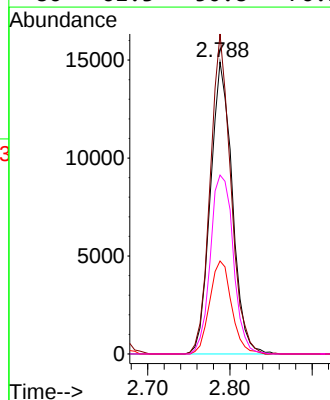
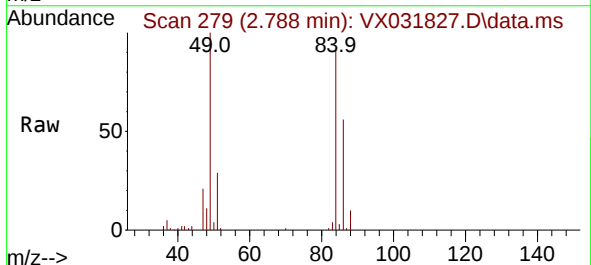
Manual Integrations
APPROVED

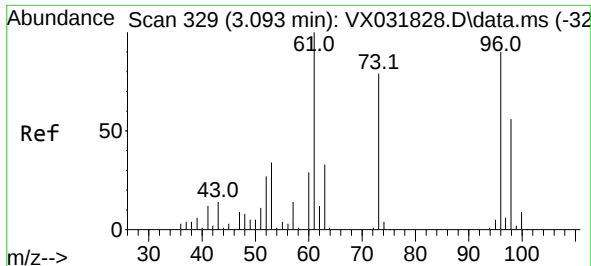
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#20
Methylene Chloride
Concen: 17.179 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59

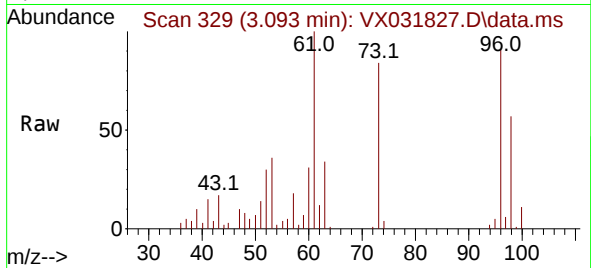
Tgt Ion: 84 Resp: 27417
Ion Ratio Lower Upper
84 100
49 109.6 105.9 158.9
51 31.9 32.2 48.2#
86 61.3 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 17.184 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59

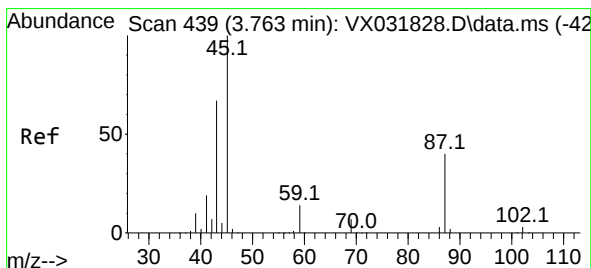
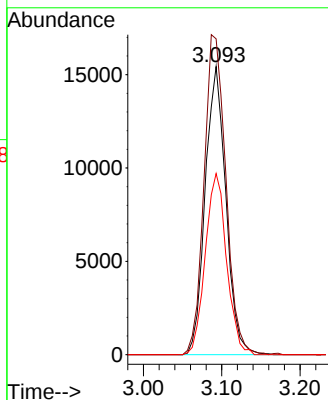
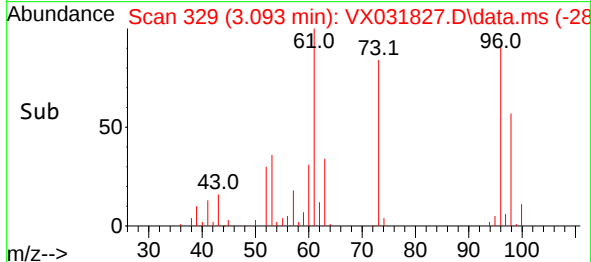
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



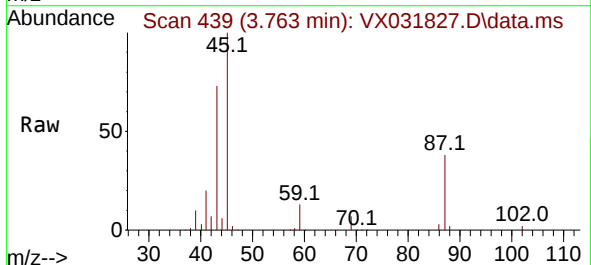
Tgt Ion: 96 Resp: 28338
Ion Ratio Lower Upper
96 100
61 109.6 106.7 160.1
98 62.9 48.7 73.1

Manual Integrations
APPROVED

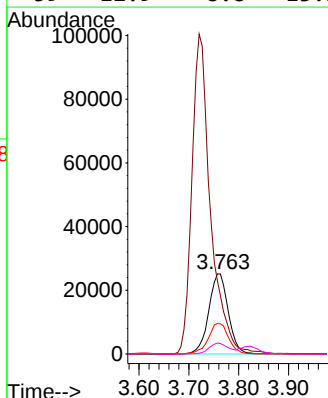
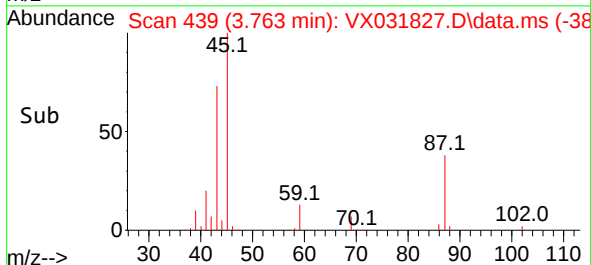
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022

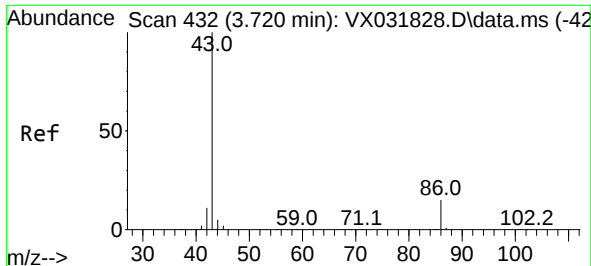


#22
Diisopropyl ether
Concen: 17.797 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59



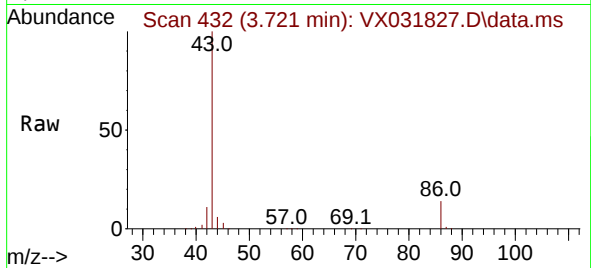
Tgt Ion: 45 Resp: 68136
Ion Ratio Lower Upper
45 100
43 72.1 59.0 88.6
87 37.6 22.6 33.8#
59 12.9 8.8 13.2





#23
 Vinyl Acetate
 Concen: 89.723 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX031827.D
 Acq: 03 Oct 2022 10:59

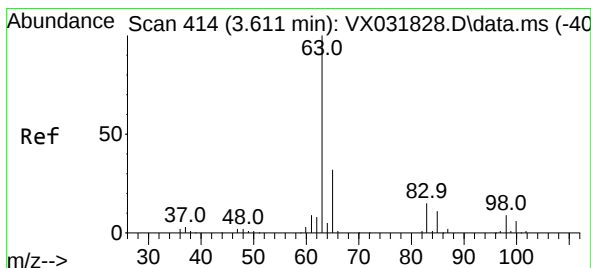
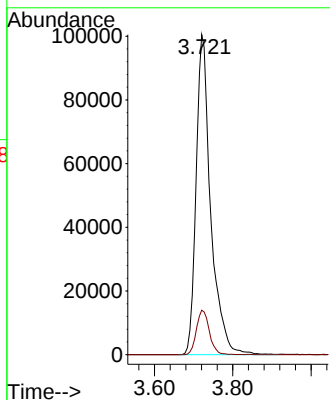
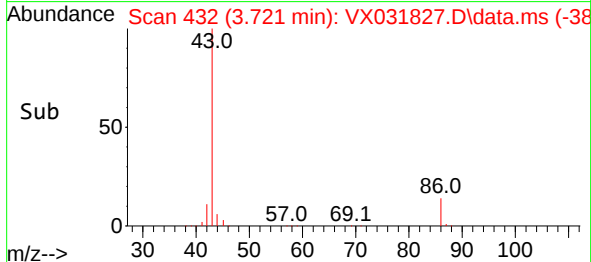
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



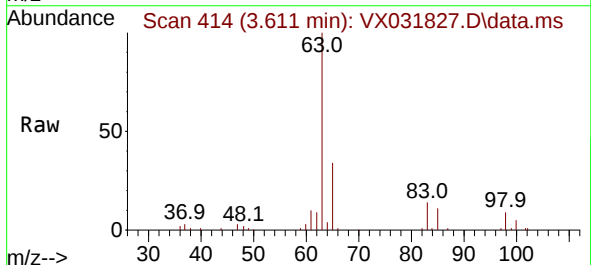
Tgt Ion: 43 Resp: 26068
 Ion Ratio Lower Upper
 43 100
 86 13.9 8.7 13.1

Manual Integrations
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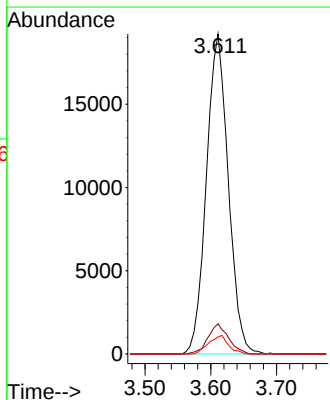
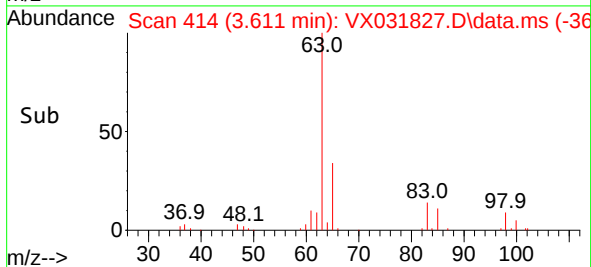
Reviewed By :John Carlone 10/04/2022
 Supervised By :Mahesh Dadoda 10/06/2022

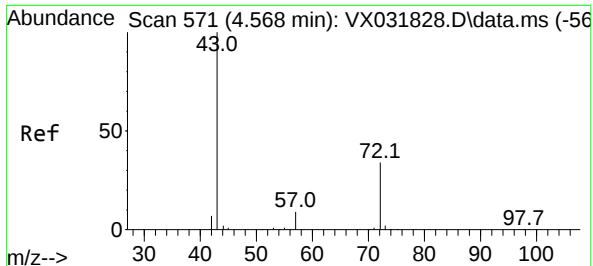


#24
 1,1-Dichloroethane
 Concen: 17.408 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX031827.D
 Acq: 03 Oct 2022 10:59



Tgt Ion: 63 Resp: 44552
 Ion Ratio Lower Upper
 63 100
 98 9.5 3.5 10.4
 100 5.3 2.4 7.2





#25

2-Butanone

Concen: 87.589 ug/l

RT: 4.562 min Scan# 571

Delta R.T. -0.006 min

Lab File: VX031827.D

Acq: 03 Oct 2022 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 73549

Ion Ratio Lower Upper

43 100

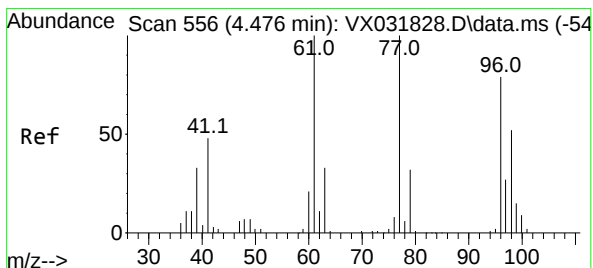
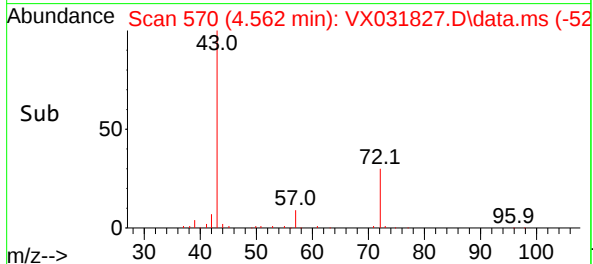
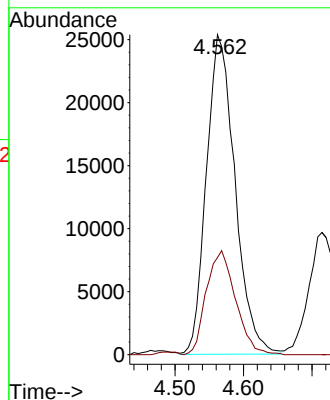
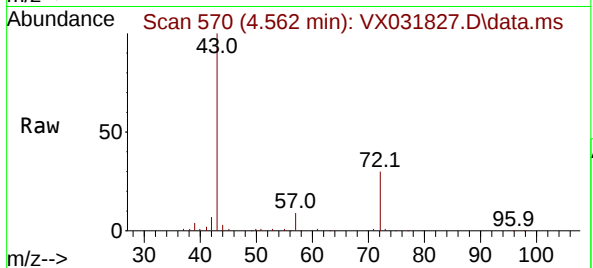
72 30.2 21.1 31.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#26

2,2-Dichloropropane

Concen: 17.316 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX031827.D

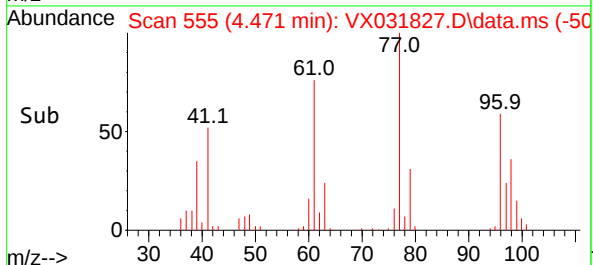
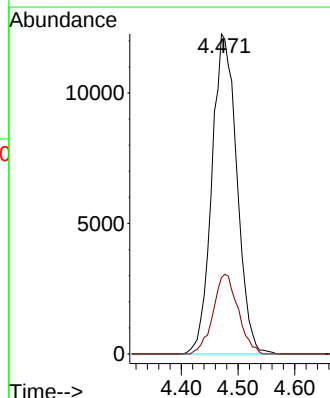
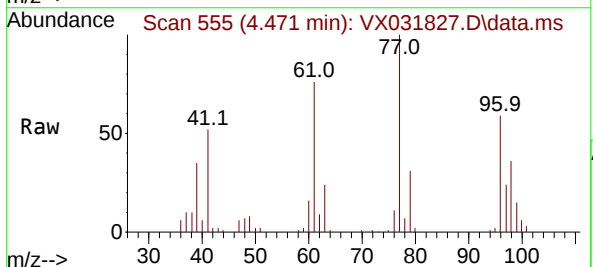
Acq: 03 Oct 2022 10:59

Tgt Ion: 77 Resp: 37565

Ion Ratio Lower Upper

77 100

97 24.9 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 17.340 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX031827.D

Acq: 03 Oct 2022 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 96 Resp: 33500

Ion Ratio Lower Upper

96 100

61 122.4 0.0 305.2

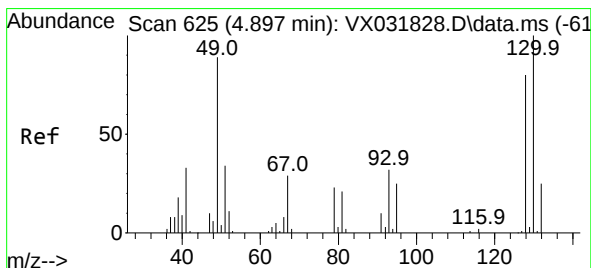
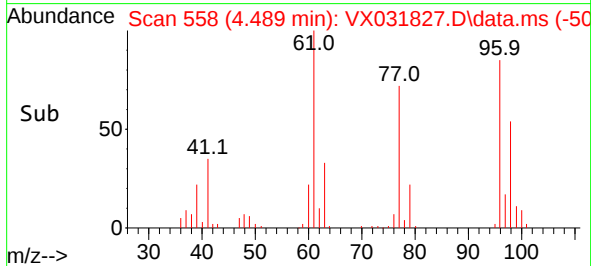
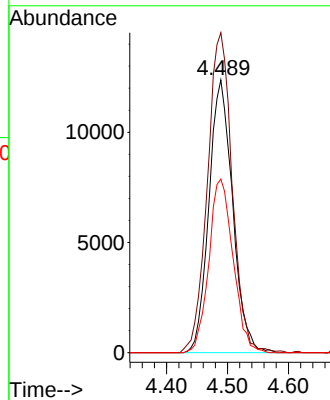
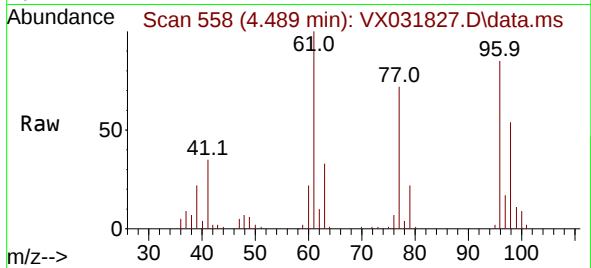
98 65.0 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#28

Bromochloromethane

Concen: 16.452 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.000 min

Lab File: VX031827.D

Acq: 03 Oct 2022 10:59

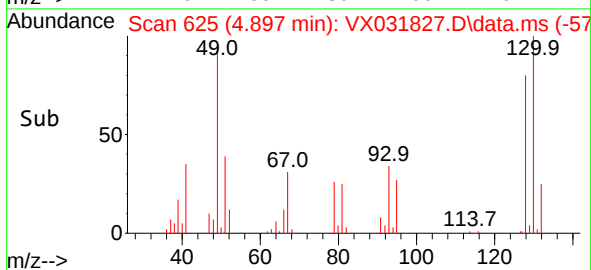
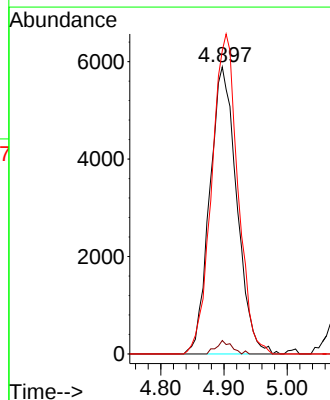
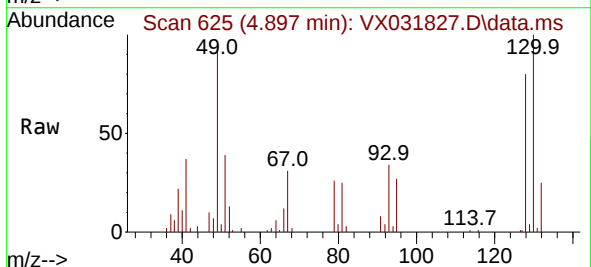
Tgt Ion: 49 Resp: 17479

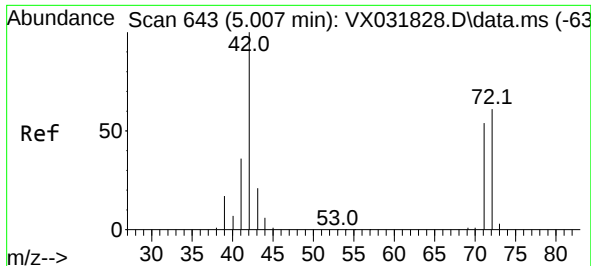
Ion Ratio Lower Upper

49 100

129 2.7 0.0 3.6

130 108.0 59.0 88.4#





#29

Tetrahydrofuran

Concen: 90.704 ug/l

RT: 5.013 min Scan# 643

Delta R.T. -0.000 min

Lab File: VX031827.D

Acq: 03 Oct 2022 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 4724

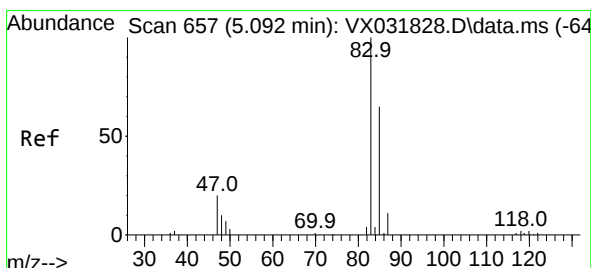
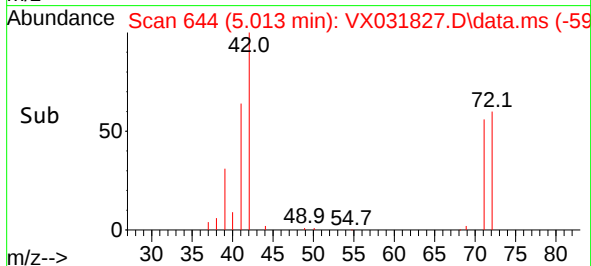
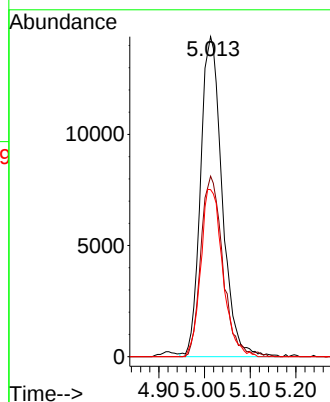
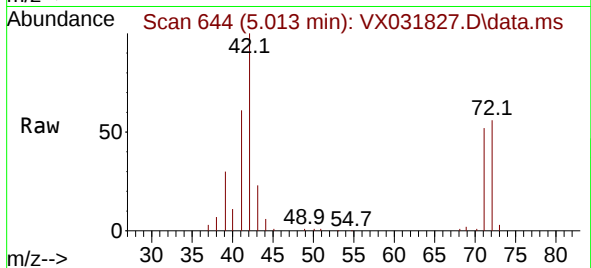
Ion	Ratio	Lower	Upper
42	100		
72	57.6	36.4	54.6
71	53.2	33.5	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#30

Chloroform

Concen: 17.704 ug/l

RT: 5.092 min Scan# 657

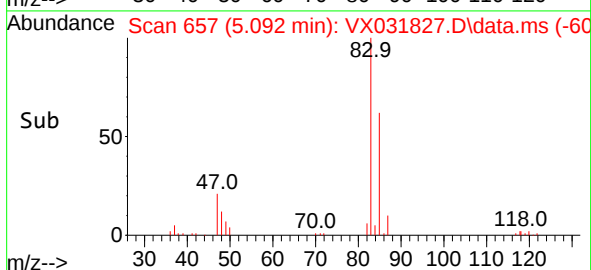
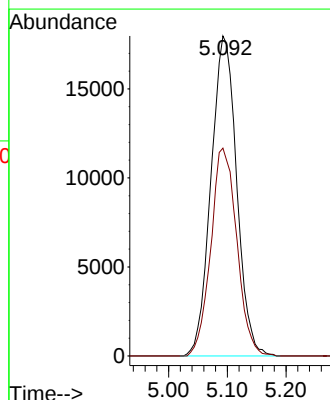
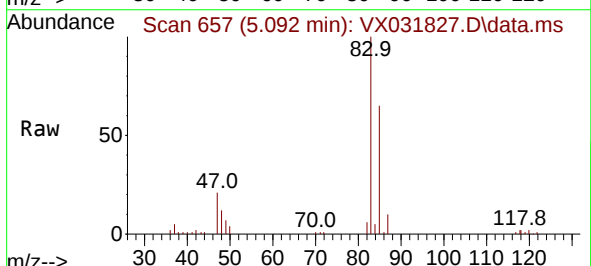
Delta R.T. -0.000 min

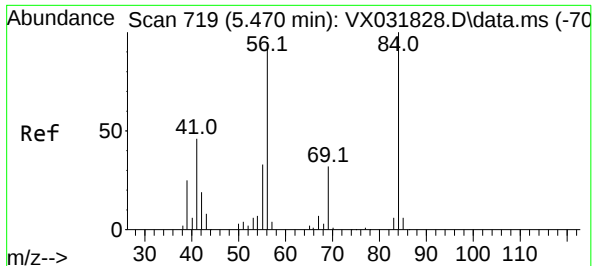
Lab File: VX031827.D

Acq: 03 Oct 2022 10:59

Tgt Ion: 83 Resp: 54484

Ion	Ratio	Lower	Upper
83	100		
85	64.9	52.8	79.2





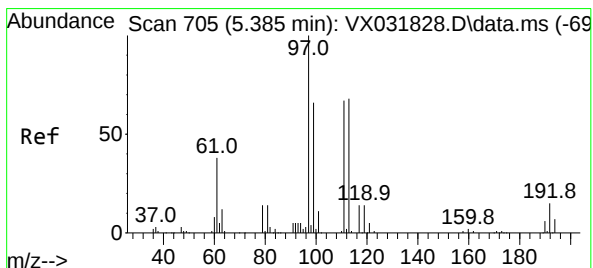
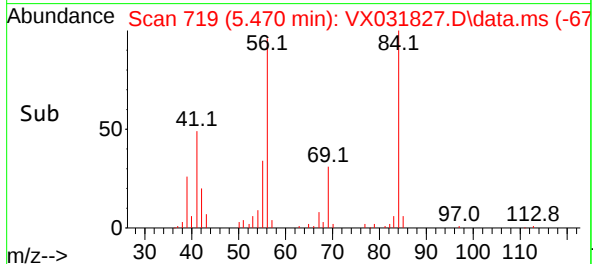
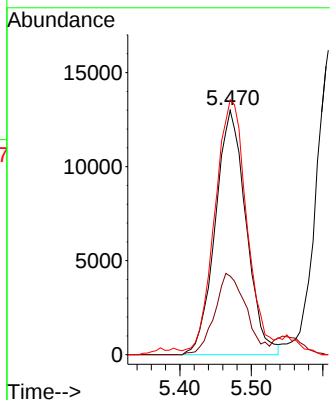
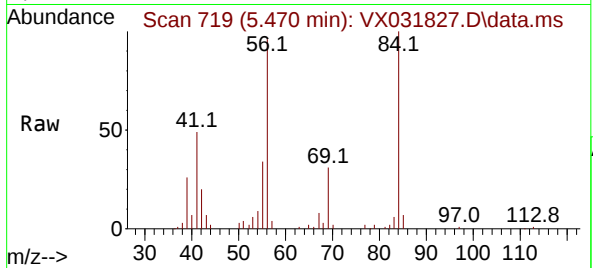
#31
Cyclohexane
Concen: 18.931 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 56 Resp: 3891
Ion Ratio Lower Upper
56 100
69 32.1 25.1 37.7
84 102.3 70.2 105.4

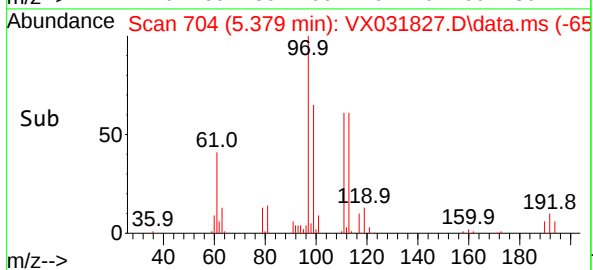
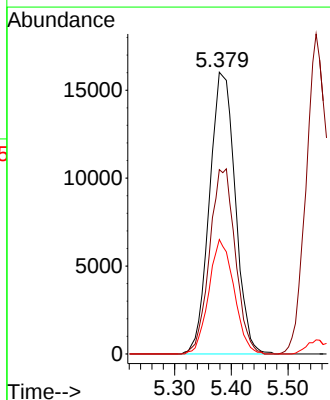
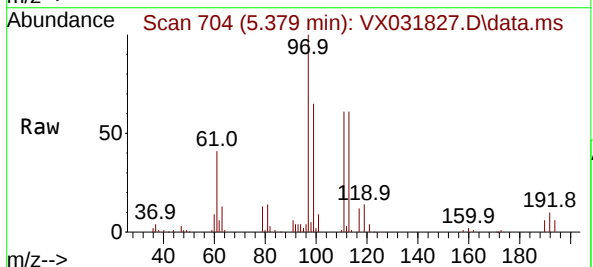
Manual Integrations
APPROVED

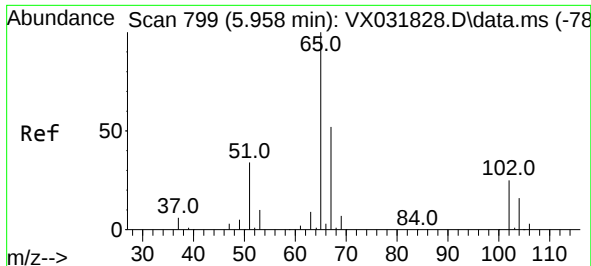
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#32
1,1,1-Trichloroethane
Concen: 17.685 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59

Tgt Ion: 97 Resp: 50592
Ion Ratio Lower Upper
97 100
99 65.6 51.3 76.9
61 39.6 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 17.003 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX031827.D

Acq: 03 Oct 2022 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 3220

Ion Ratio Lower Upper

65 100

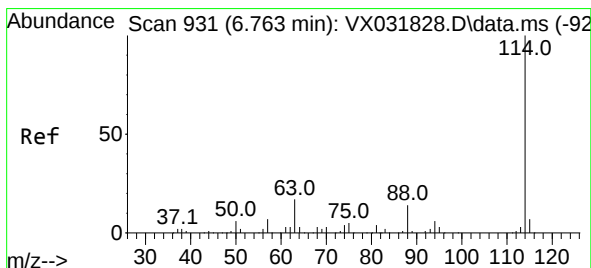
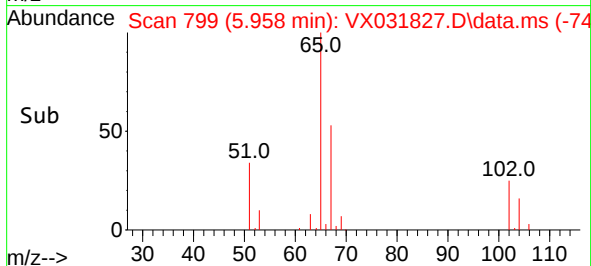
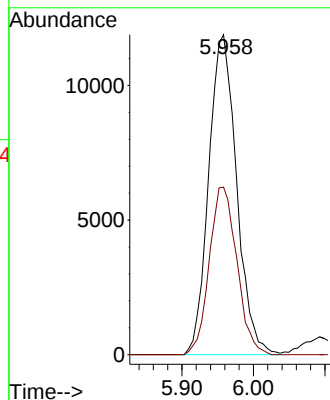
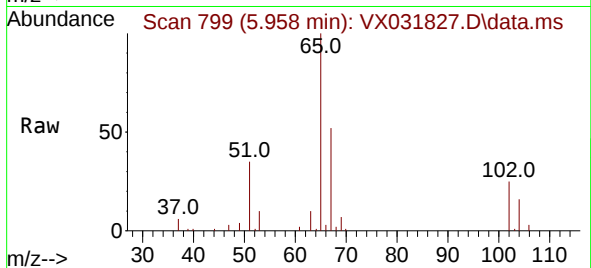
67 51.8 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX031827.D

Acq: 03 Oct 2022 10:59

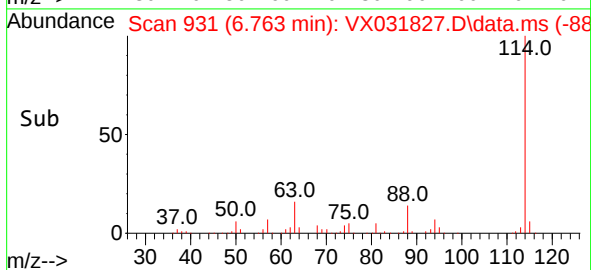
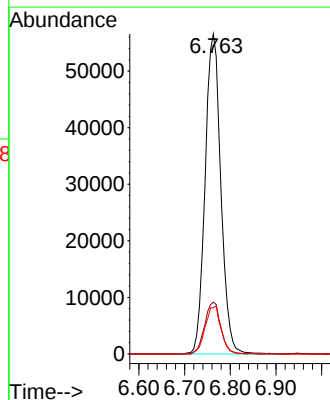
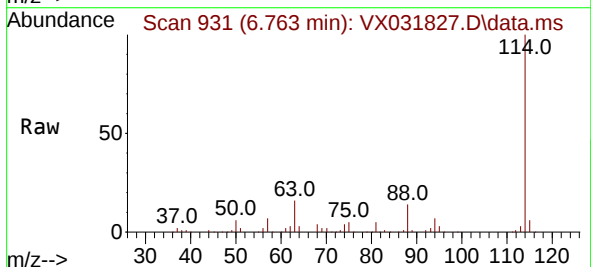
Tgt Ion:114 Resp: 135186

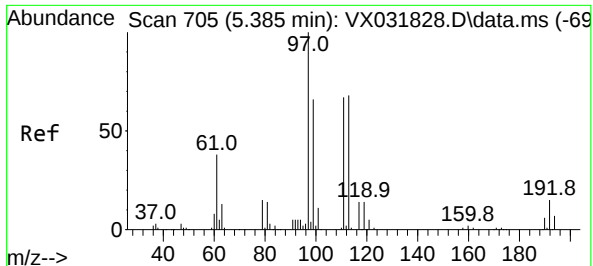
Ion Ratio Lower Upper

114 100

63 16.2 0.0 42.6

88 14.4 0.0 33.0





#35

Dibromofluoromethane

Concen: 15.566 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX031827.D

Acq: 03 Oct 2022 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

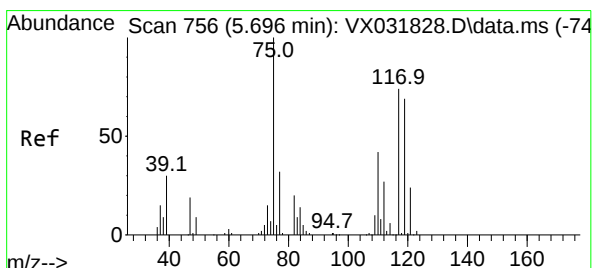
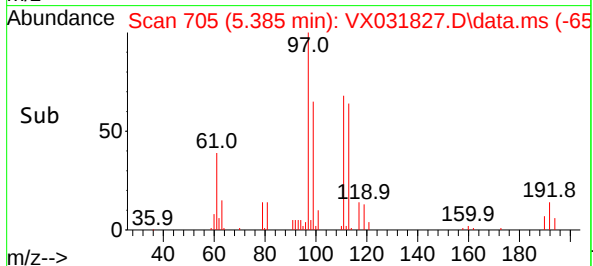
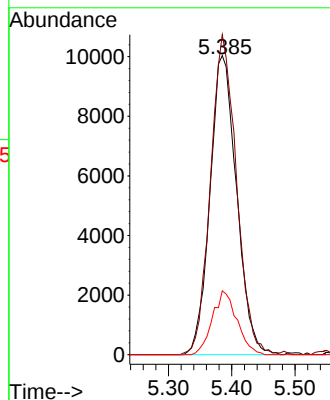
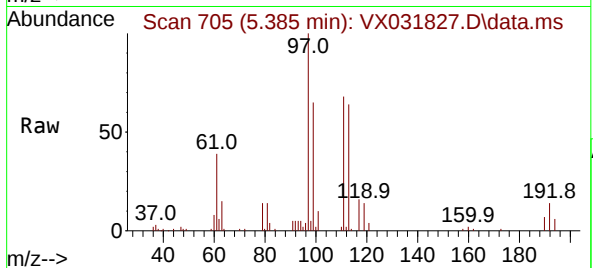
Tgt Ion:	113	Resp:	2937
Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.4	123.6
192	19.7	14.1	21.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#36

1,1-Dichloropropene

Concen: 17.989 ug/l

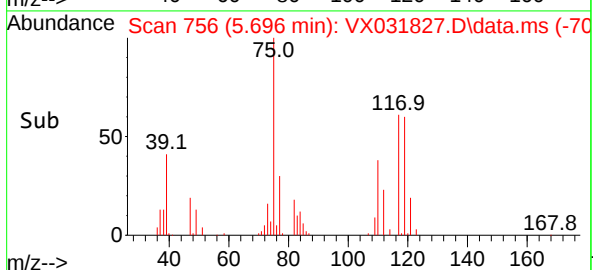
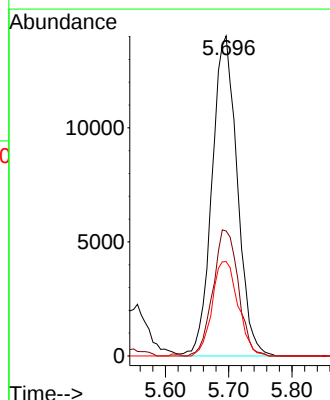
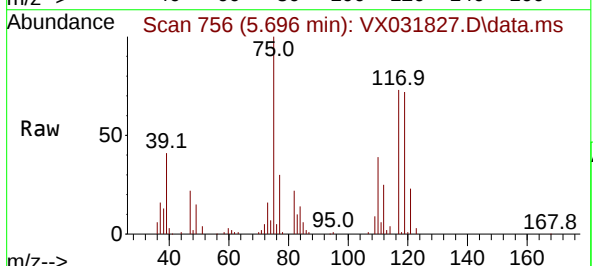
RT: 5.696 min Scan# 756

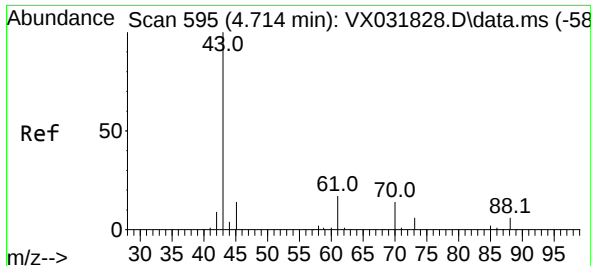
Delta R.T. -0.000 min

Lab File: VX031827.D

Acq: 03 Oct 2022 10:59

Tgt Ion:	75	Resp:	38860
Ion	Ratio	Lower	Upper
75	100		
110	39.5	17.5	52.5
77	30.3	24.9	37.3





#37

Ethyl Acetate

Concen: 17.061 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX031827.D

Acq: 03 Oct 2022 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

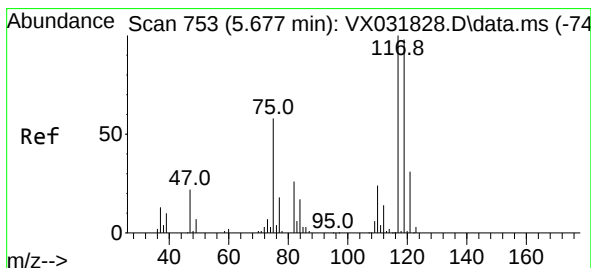
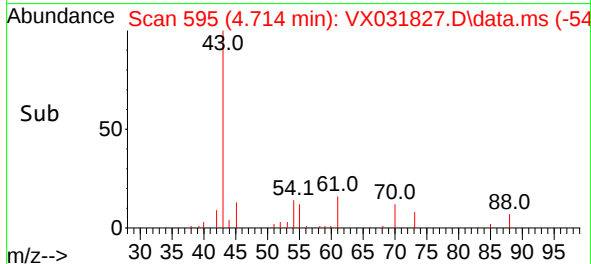
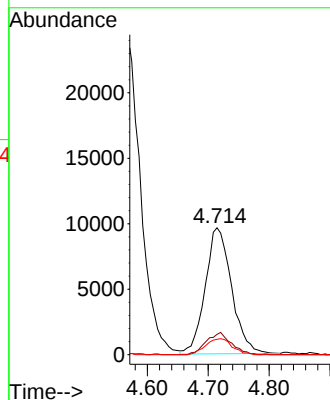
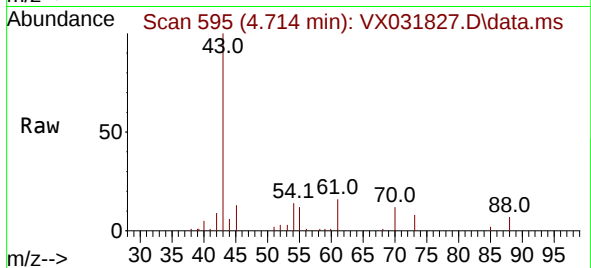
Tgt Ion: 43	Resp: 28900
Ion Ratio	Lower Upper
43 100	
61 16.7	11.1 16.7
70 12.8	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#38

Carbon Tetrachloride

Concen: 17.767 ug/l

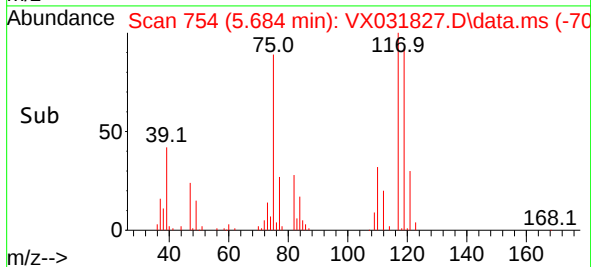
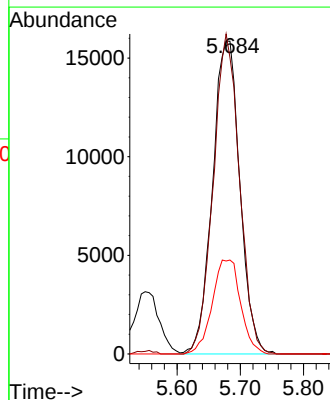
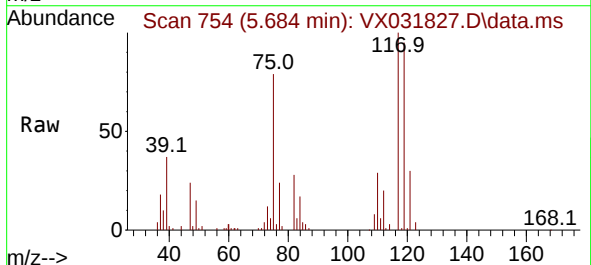
RT: 5.684 min Scan# 754

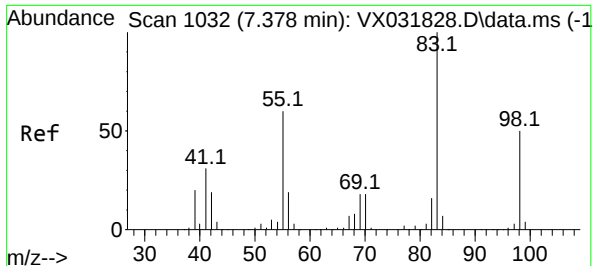
Delta R.T. 0.006 min

Lab File: VX031827.D

Acq: 03 Oct 2022 10:59

Tgt Ion: 117	Resp: 47673
Ion Ratio	Lower Upper
117 100	
119 94.7	74.6 112.0
121 30.0	25.3 37.9





#39

Methylcyclohexane

Concen: 18.442 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.006 min

Lab File: VX031827.D

Acq: 03 Oct 2022 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 83 Resp: 46918

Ion Ratio Lower Upper

83 100

55 63.6 61.0 91.4

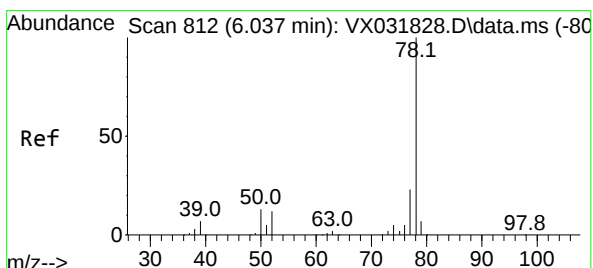
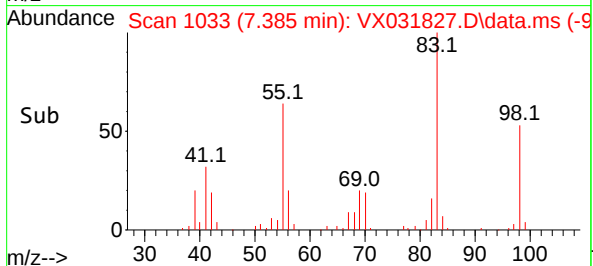
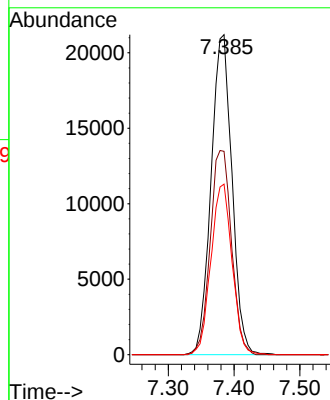
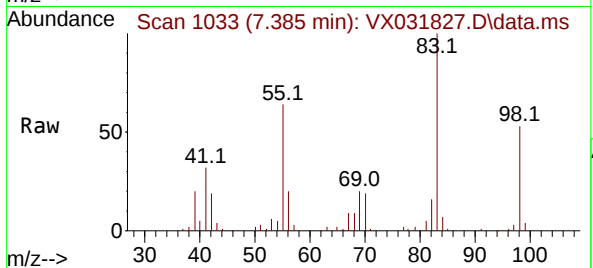
98 53.3 37.7 56.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#40

Benzene

Concen: 17.718 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX031827.D

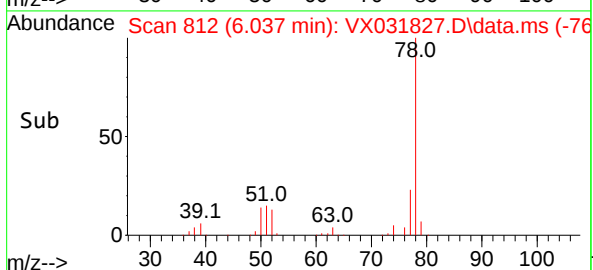
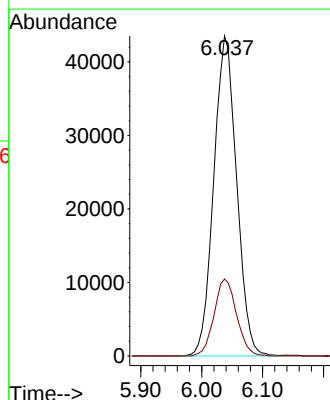
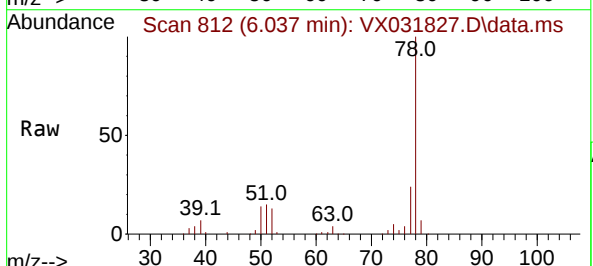
Acq: 03 Oct 2022 10:59

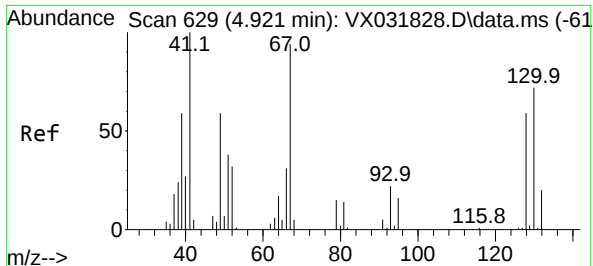
Tgt Ion: 78 Resp: 113466

Ion Ratio Lower Upper

78 100

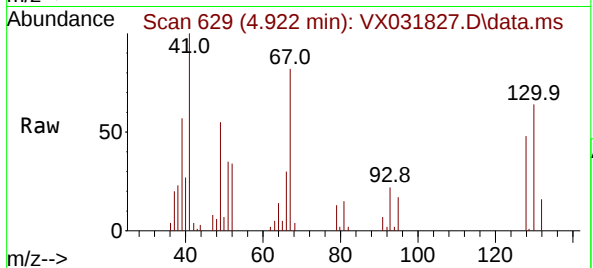
77 24.1 18.7 28.1





#41
Methacrylonitrile
Concen: 17.395 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59

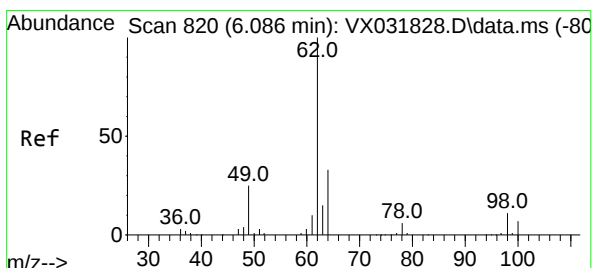
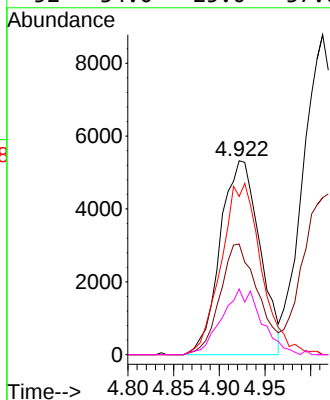
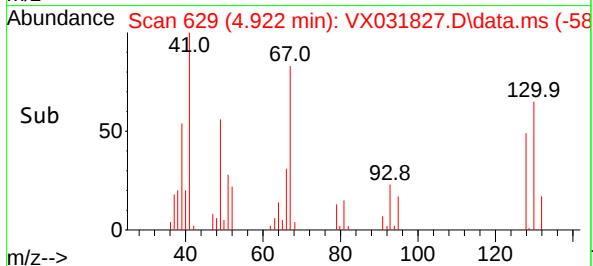
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 41 Resp: 1602
Ion Ratio Lower Upper
41 100
39 54.6 45.0 67.6
67 89.9 58.2 87.4
52 34.0 25.0 37.6

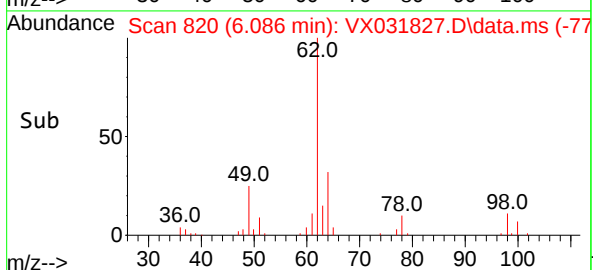
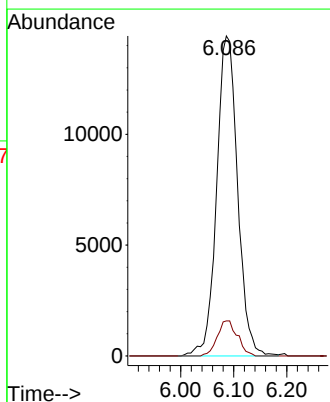
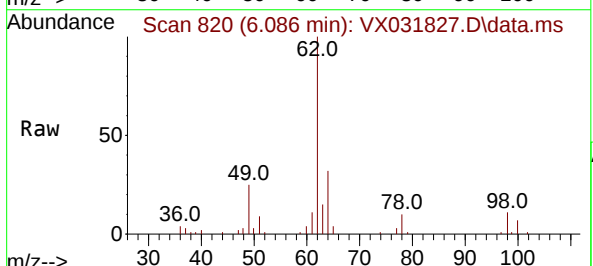
Manual Integrations
APPROVED

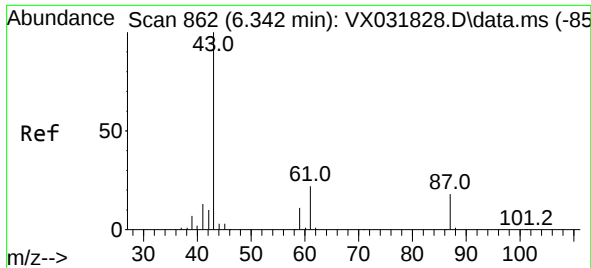
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#42
1,2-Dichloroethane
Concen: 17.597 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59

Tgt Ion: 62 Resp: 39653
Ion Ratio Lower Upper
62 100
98 10.6 0.0 17.8





#43

Isopropyl Acetate

Concen: 17.057 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX031827.D

Acq: 03 Oct 2022 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

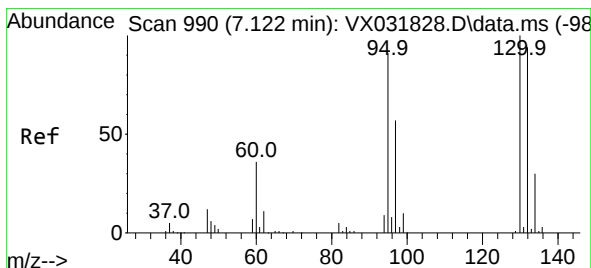
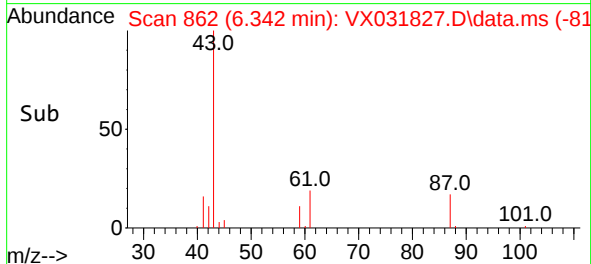
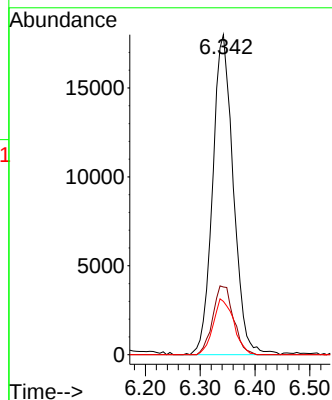
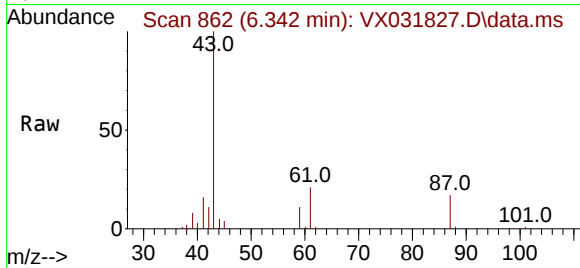
Tgt Ion: 43	Resp: 47140
Ion Ratio	Lower Upper
43 100	
61 21.5	15.3 22.9
87 17.3	10.6 15.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#44

Trichloroethene

Concen: 17.073 ug/l

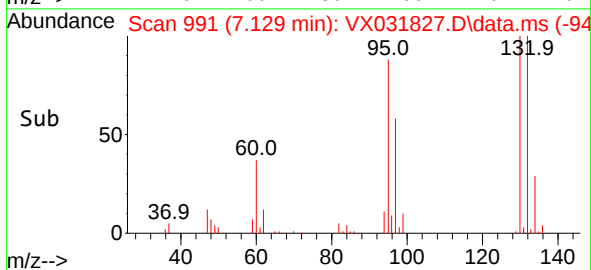
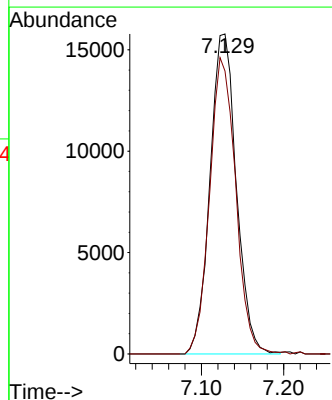
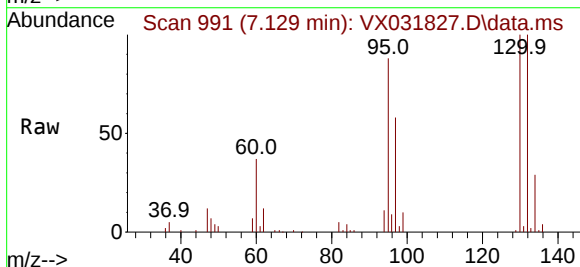
RT: 7.129 min Scan# 991

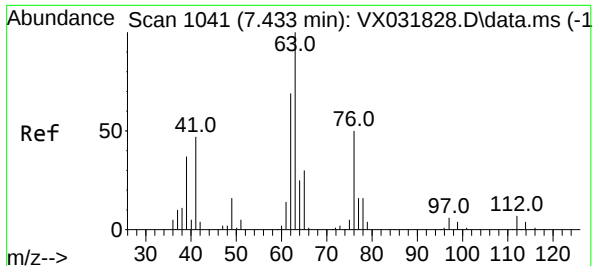
Delta R.T. -0.000 min

Lab File: VX031827.D

Acq: 03 Oct 2022 10:59

Tgt Ion:130	Resp: 35172
Ion Ratio	Lower Upper
130 100	
95 88.4	0.0 206.8





#45

1,2-Dichloropropane

Concen: 17.295 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX031827.D

Acq: 03 Oct 2022 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 26074

Ion Ratio Lower Upper

63 100

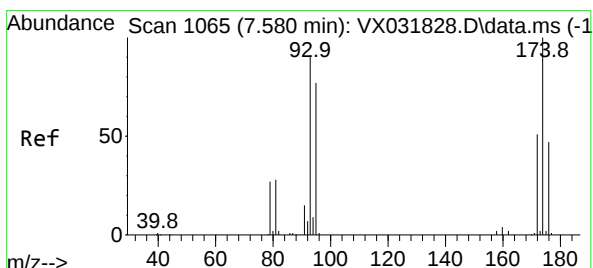
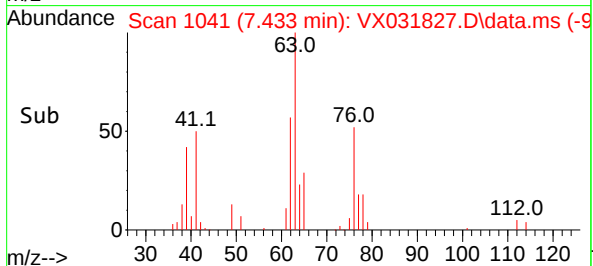
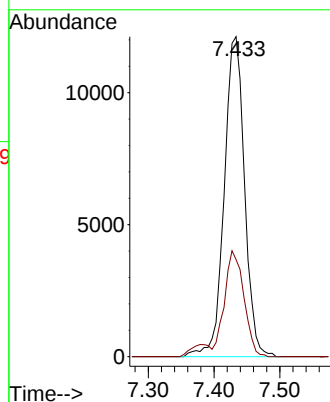
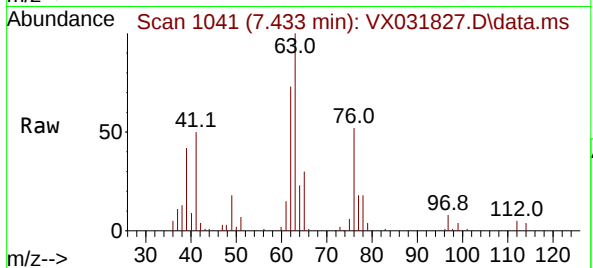
65 30.4 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#46

Dibromomethane

Concen: 17.149 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX031827.D

Acq: 03 Oct 2022 10:59

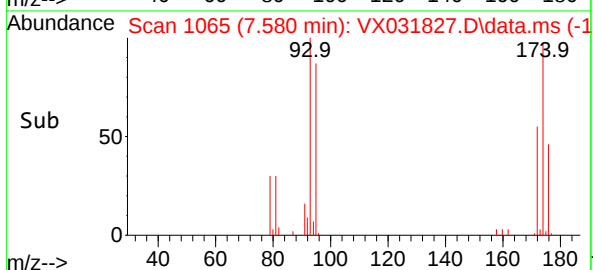
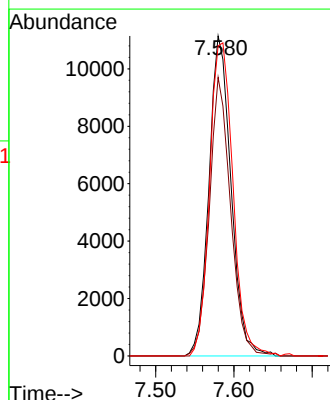
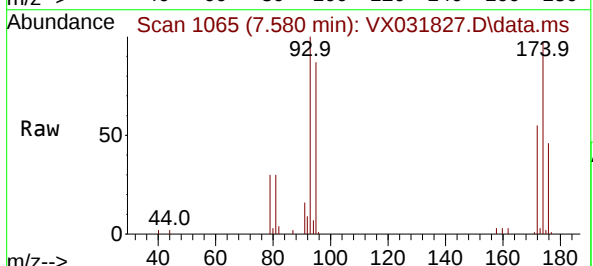
Tgt Ion: 93 Resp: 21872

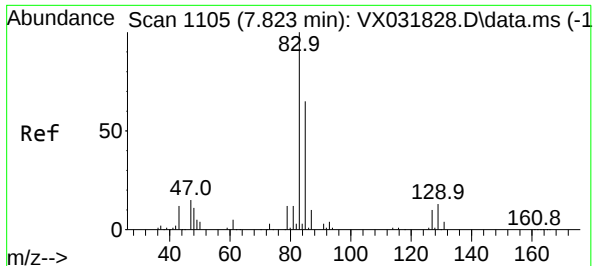
Ion Ratio Lower Upper

93 100

95 83.8 65.5 98.3

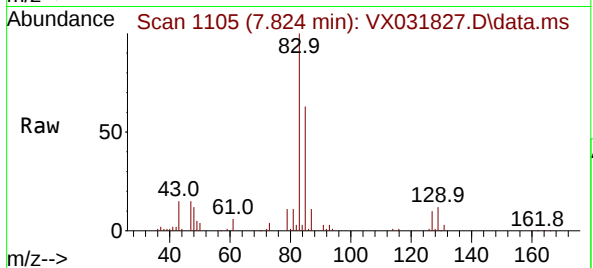
174 103.5 67.6 101.4#





#47
Bromodichloromethane
Concen: 17.307 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59

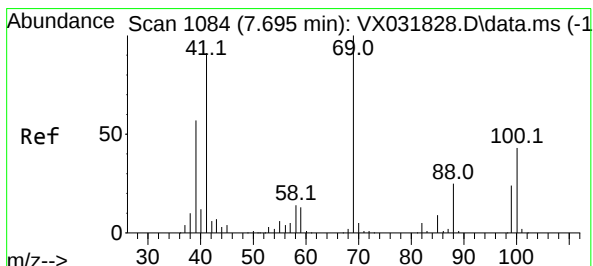
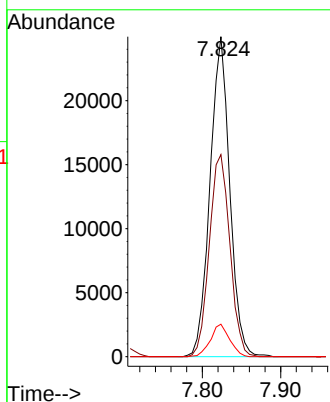
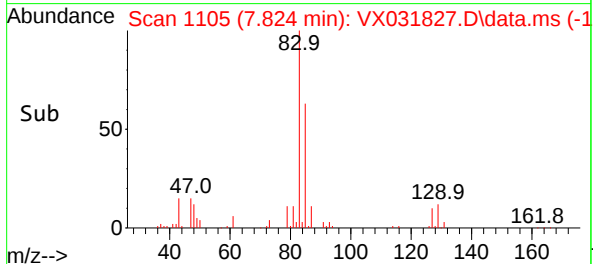
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 43754
Ion Ratio Lower Upper
83 100
85 63.1 51.0 76.6
127 10.1 7.0 10.6

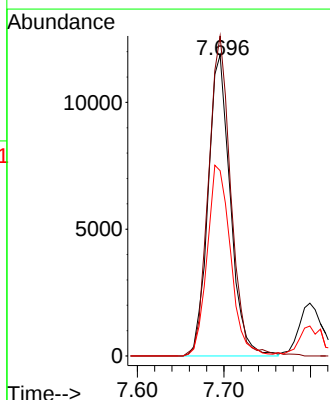
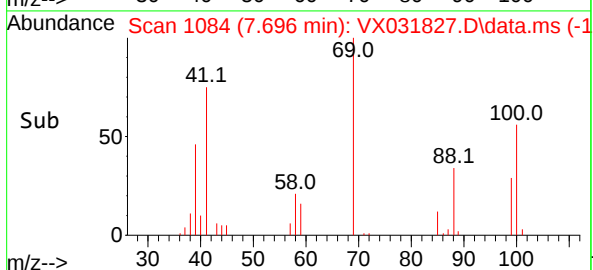
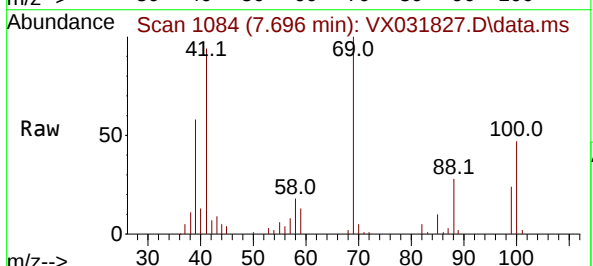
Manual Integrations
APPROVED

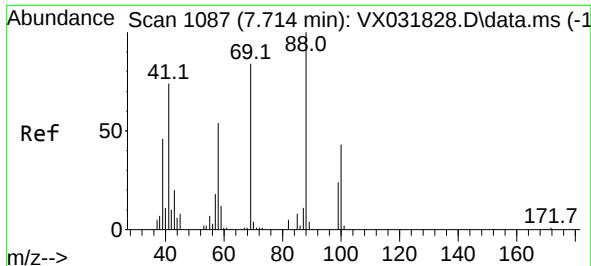
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#48
Methyl methacrylate
Concen: 17.080 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59

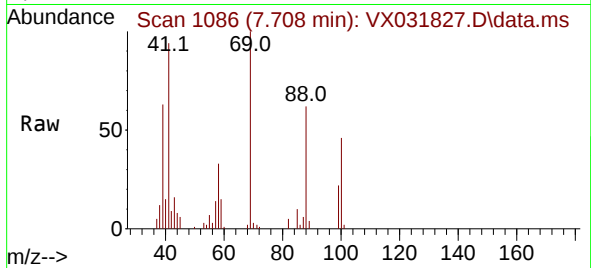
Tgt Ion: 41 Resp: 21137
Ion Ratio Lower Upper
41 100
69 107.0 64.6 96.8#
39 66.8 51.4 77.0





#49
1,4-Dioxane
Concen: 358.699 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59

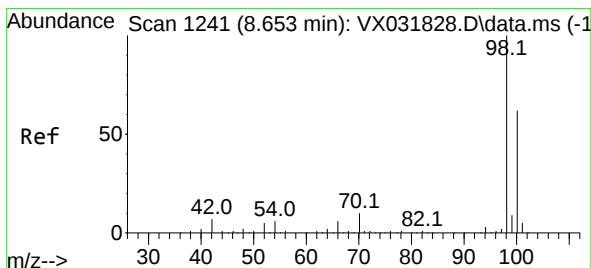
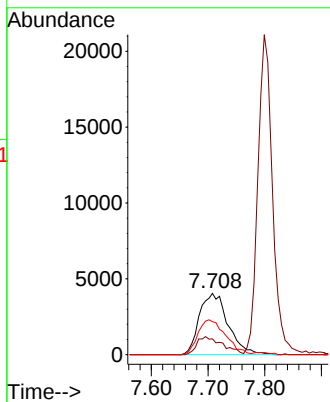
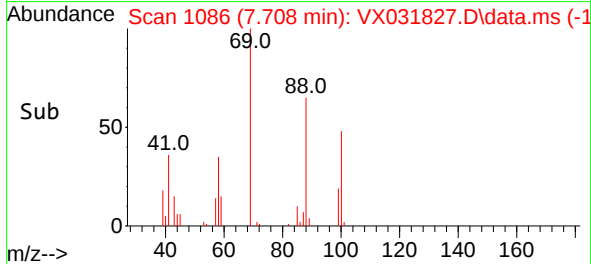
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 88 Resp: 14200
Ion Ratio Lower Upper
88 100
43 26.4 27.1 40.7
58 54.8 53.9 80.9

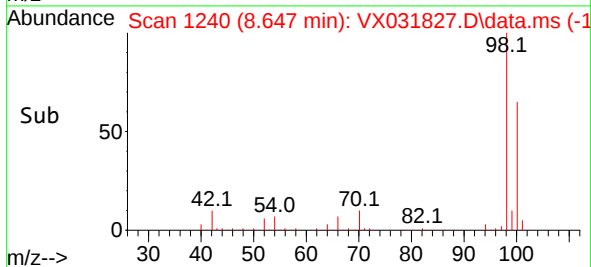
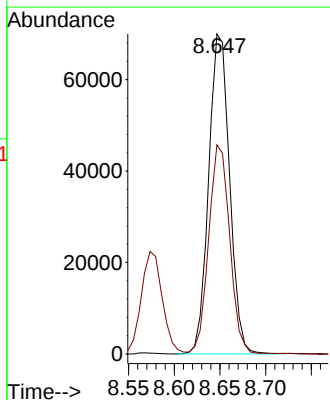
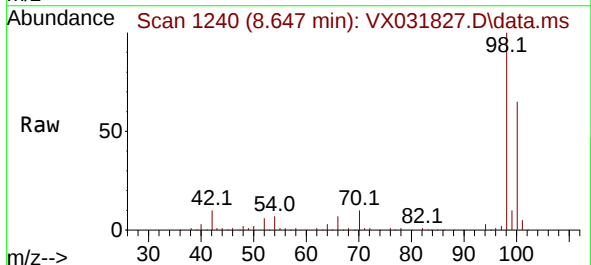
Manual Integrations
APPROVED

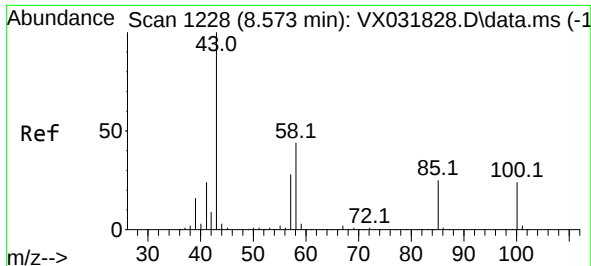
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#50
Toluene-d8
Concen: 16.754 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59

Tgt Ion: 98 Resp: 111315
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 90.001 ug/l

RT: 8.573 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VX031827.D

Acq: 03 Oct 2022 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 15509

Ion Ratio Lower Upper

43 100

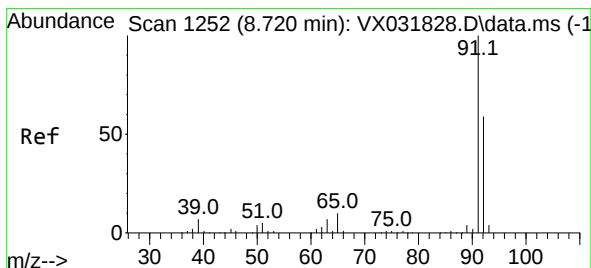
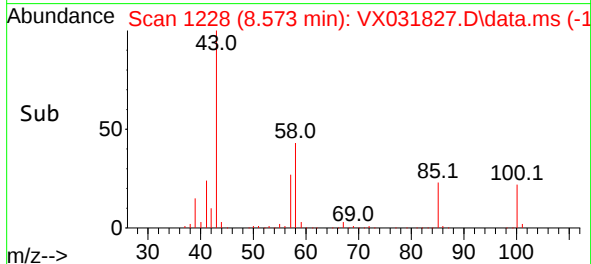
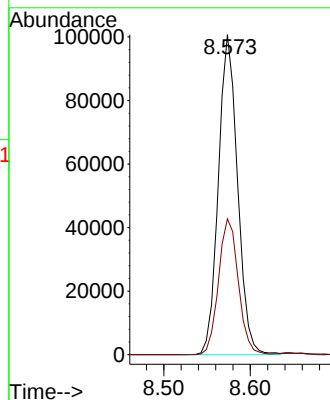
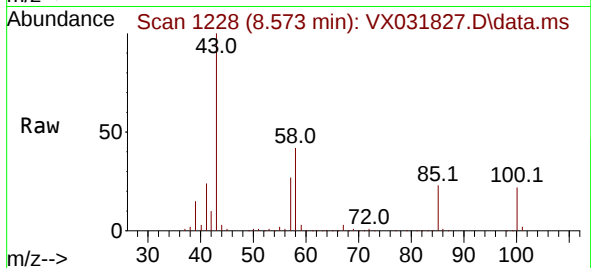
58 43.8 30.6 46.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#52

Toluene

Concen: 17.954 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX031827.D

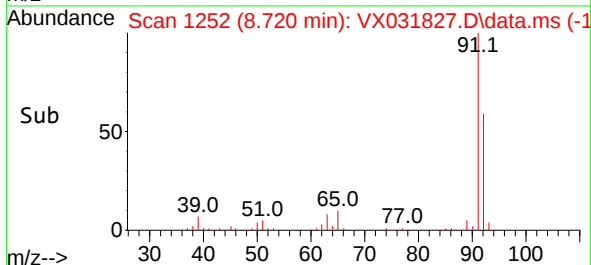
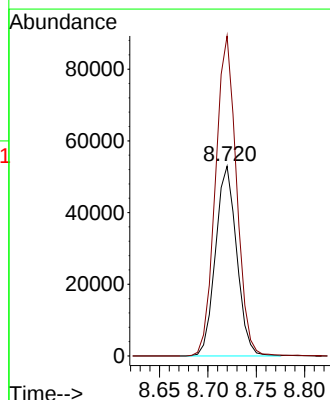
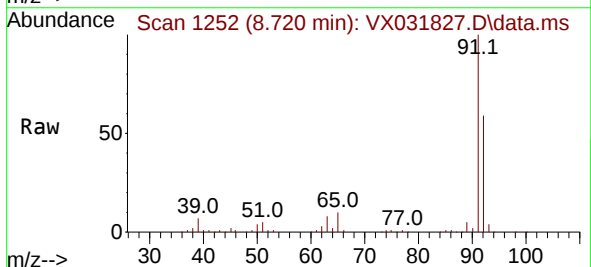
Acq: 03 Oct 2022 10:59

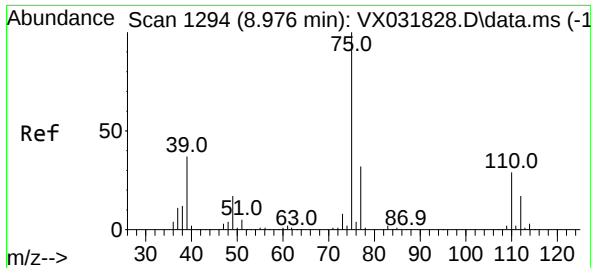
Tgt Ion: 92 Resp: 80398

Ion Ratio Lower Upper

92 100

91 168.0 137.1 205.7





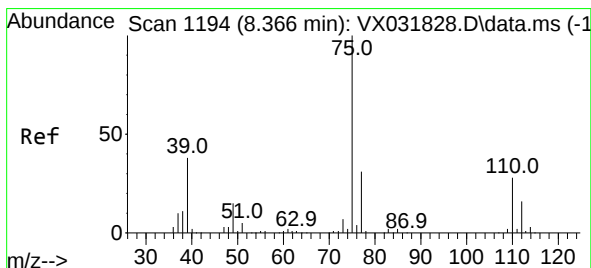
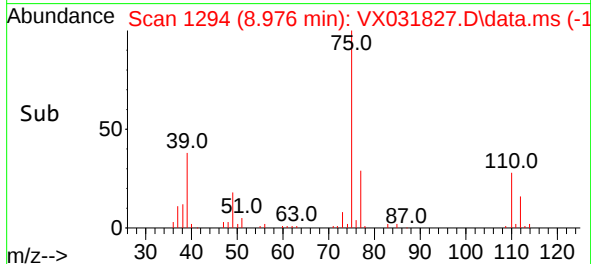
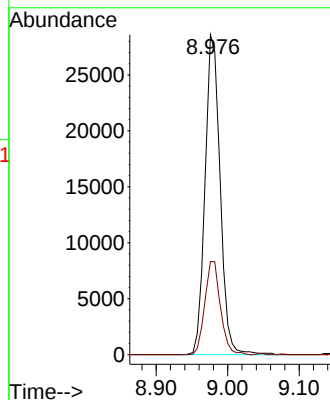
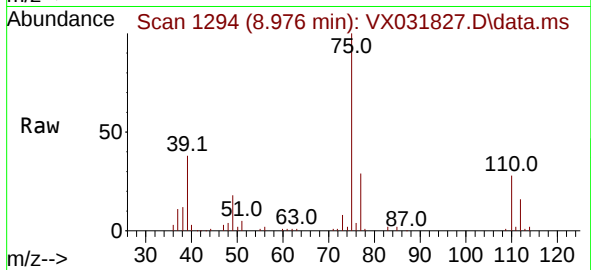
#53
 t-1,3-Dichloropropene
 Concen: 17.285 ug/l
 RT: 8.976 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX031827.D
 Acq: 03 Oct 2022 10:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion: 75 Resp: 42008
 Ion Ratio Lower Upper
 75 100
 77 29.1 24.8 37.2

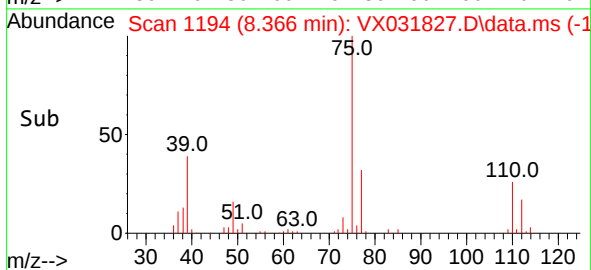
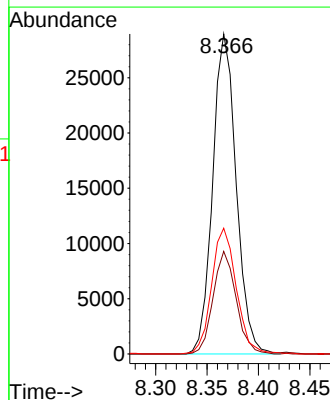
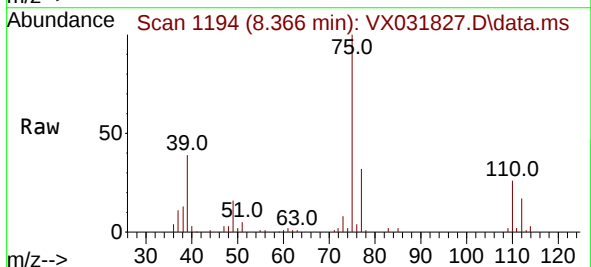
Manual Integrations
 APPROVED

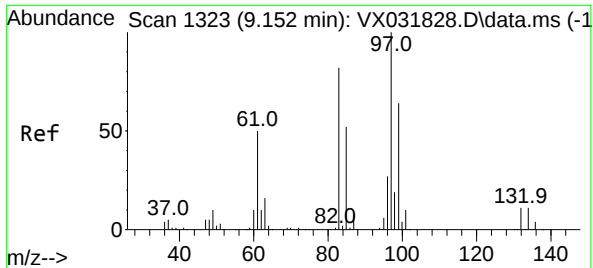
Reviewed By :John Carlone 10/04/2022
 Supervised By :Mahesh Dadoda 10/06/2022



#54
 cis-1,3-Dichloropropene
 Concen: 17.333 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX031827.D
 Acq: 03 Oct 2022 10:59

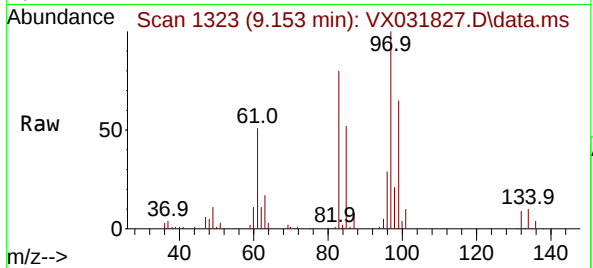
Tgt Ion: 75 Resp: 46089
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.4 36.6
 39 39.3 43.7 65.5#





#55
1,1,2-Trichloroethane
Concen: 17.887 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

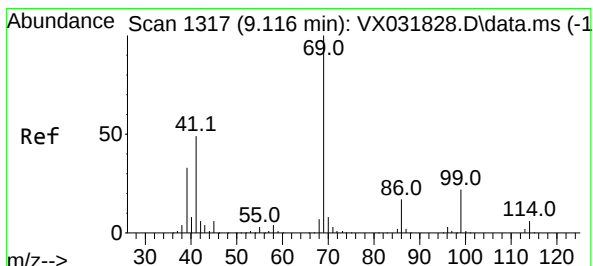
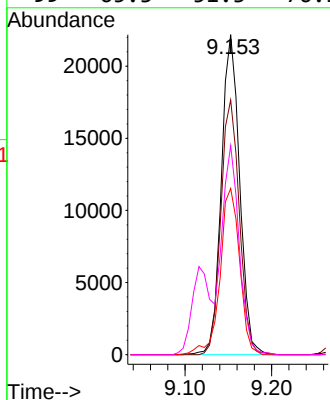
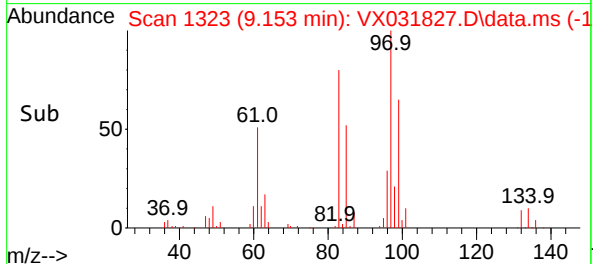


Tgt Ion: 97 Resp: 32538

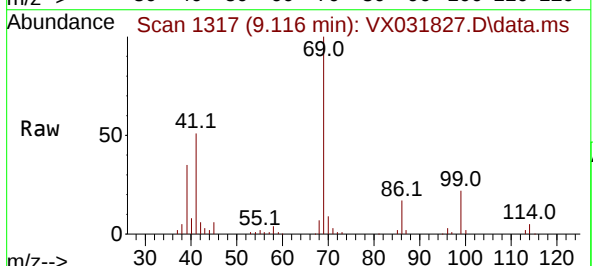
Ion	Ratio	Lower	Upper
97	100		
83	79.6	69.0	103.6
85	52.0	44.1	66.1
99	65.3	51.3	76.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022

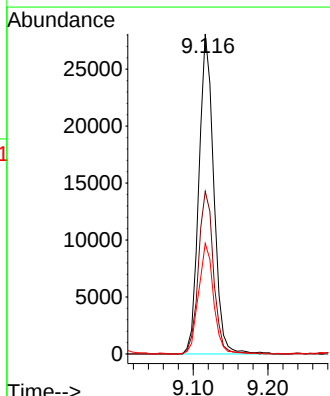
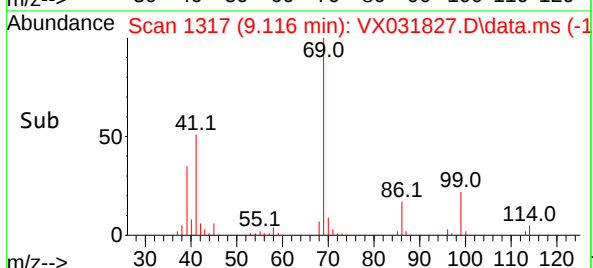


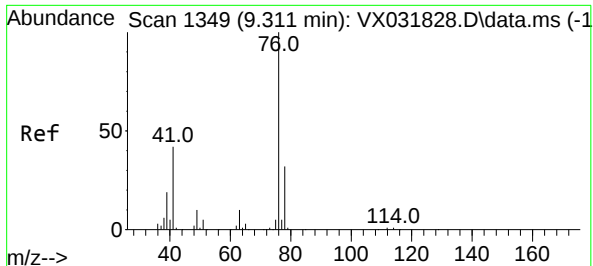
#56
Ethyl methacrylate
Concen: 18.125 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59



Tgt Ion: 69 Resp: 38736

Ion	Ratio	Lower	Upper
69	100		
41	51.6	54.2	81.4#
39	35.2	34.2	51.2





#57

1,3-Dichloropropane

Concen: 18.000 ug/l

RT: 9.311 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX031827.D

Acq: 03 Oct 2022 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 5052

Ion Ratio Lower Upper

76 100

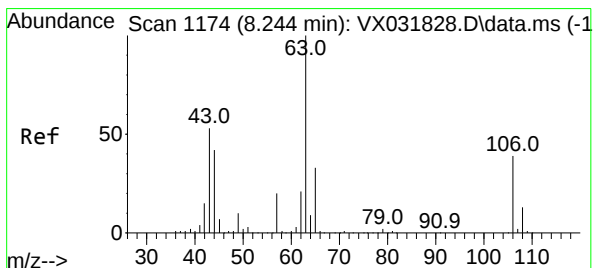
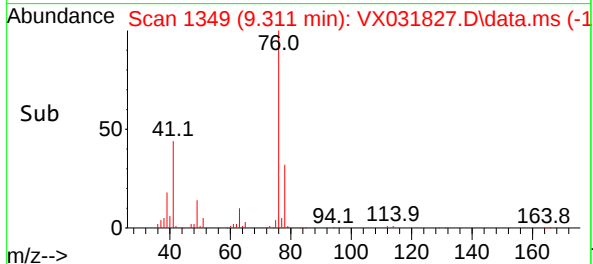
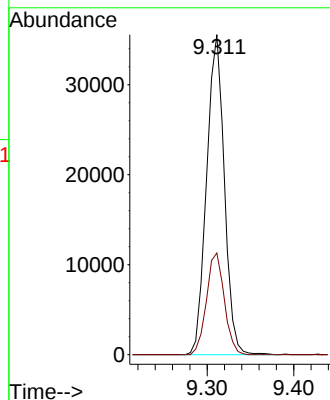
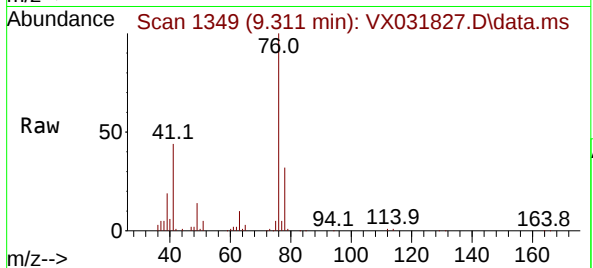
78 31.9 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#58

2-Chloroethyl Vinyl ether

Concen: 90.083 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX031827.D

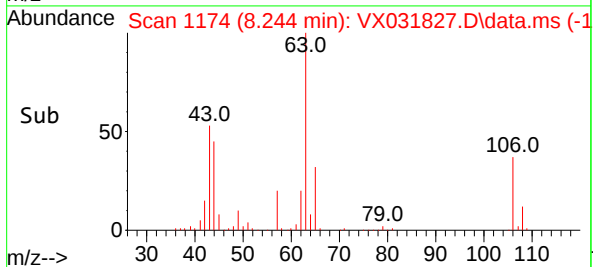
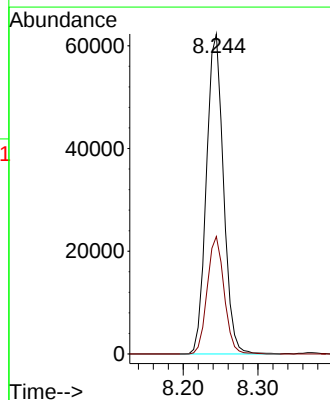
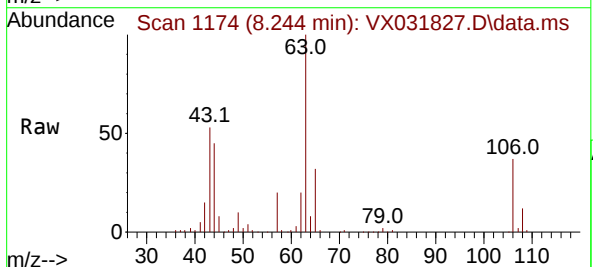
Acq: 03 Oct 2022 10:59

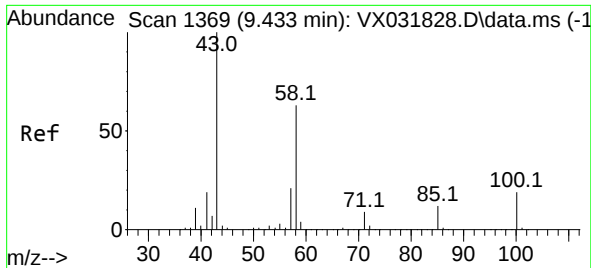
Tgt Ion: 63 Resp: 98570

Ion Ratio Lower Upper

63 100

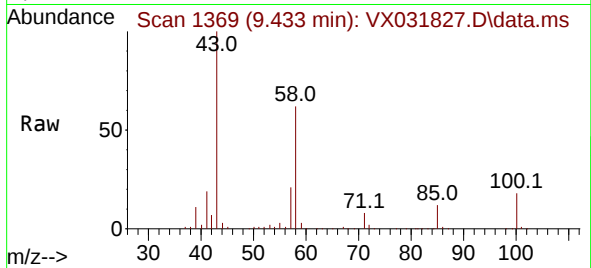
106 36.3 22.6 34.0#





#59
2-Hexanone
Concen: 90.518 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59

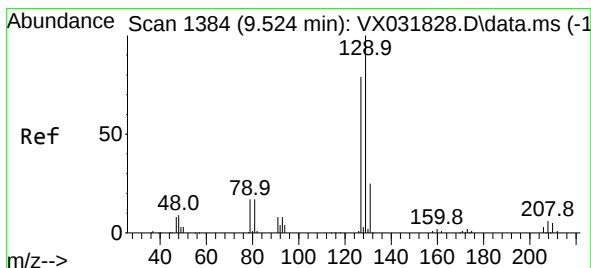
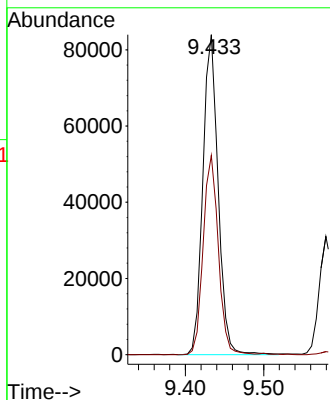
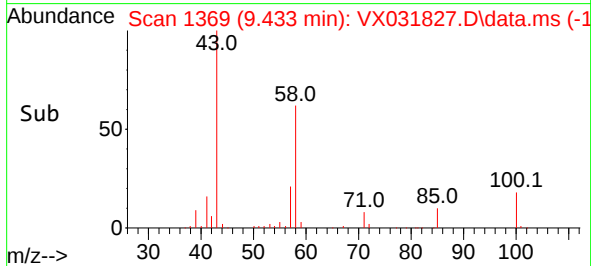
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 113459
Ion Ratio Lower Upper
43 100
58 61.7 26.7 80.0

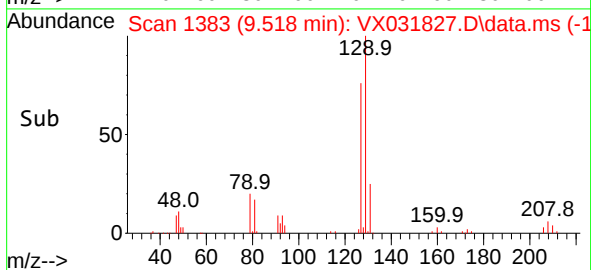
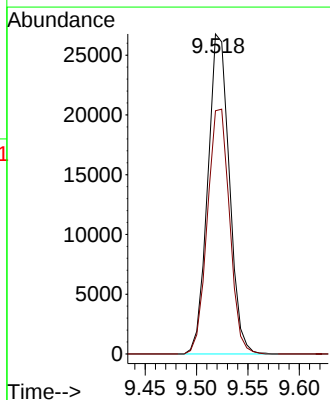
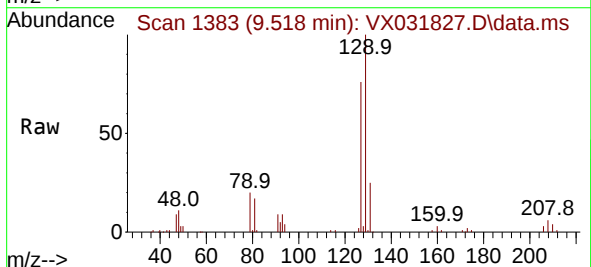
Manual Integrations
APPROVED

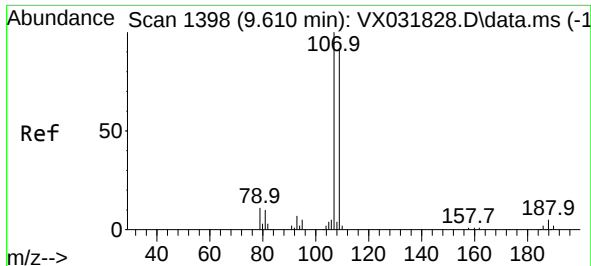
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#60
Dibromochloromethane
Concen: 17.480 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59

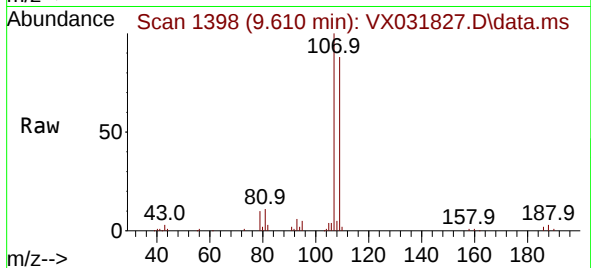
Tgt Ion:129 Resp: 39006
Ion Ratio Lower Upper
129 100
127 78.6 38.7 116.1





#61
1,2-Dibromoethane
Concen: 17.749 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59

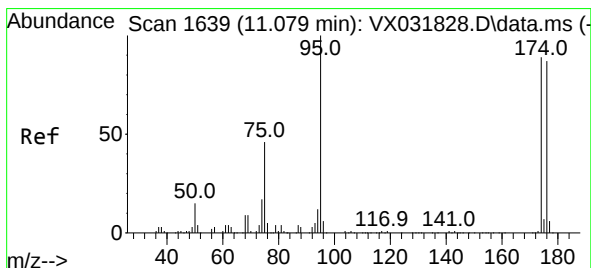
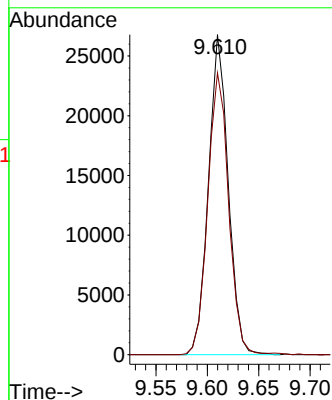
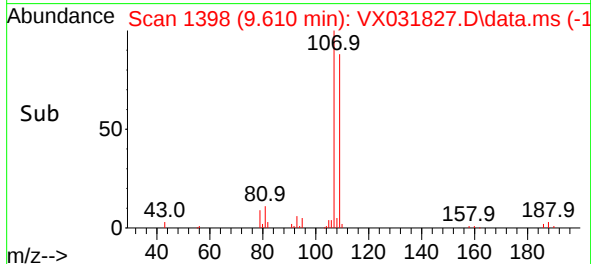
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



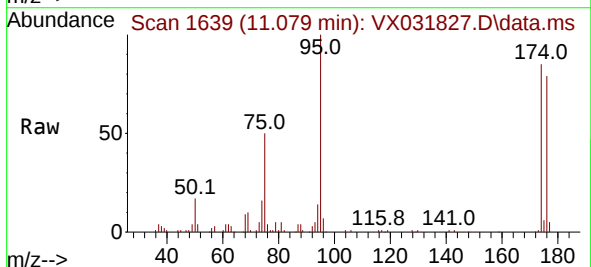
Tgt Ion:107 Resp: 35912
Ion Ratio Lower Upper
107 100
109 93.0 74.2 111.4

Manual Integrations
APPROVED

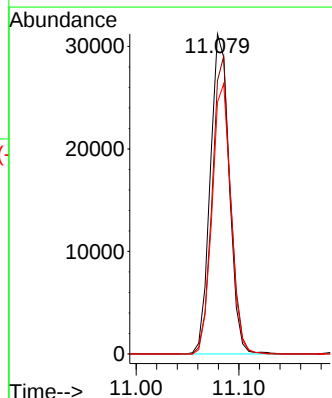
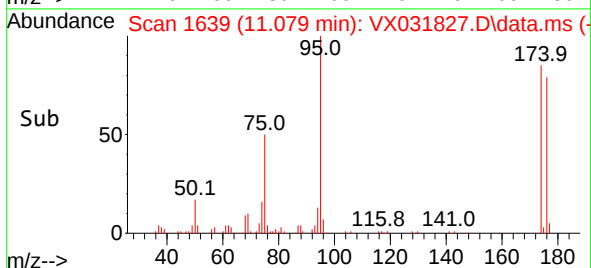
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022

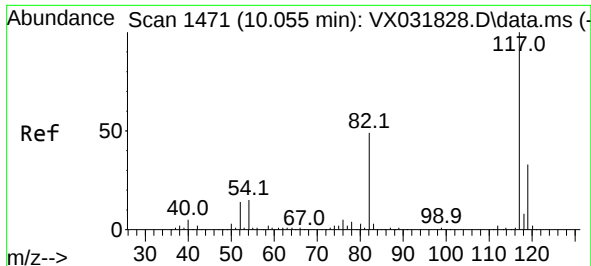


#62
4-Bromofluorobenzene
Concen: 16.536 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59



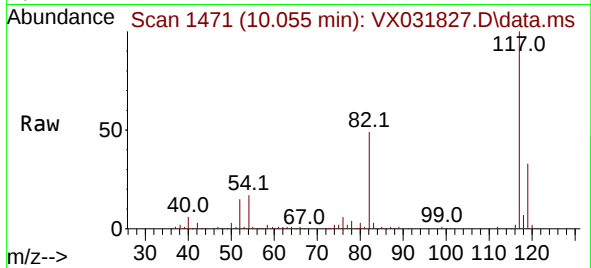
Tgt Ion: 95 Resp: 39959
Ion Ratio Lower Upper
95 100
174 90.5 0.0 153.2
176 84.0 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59

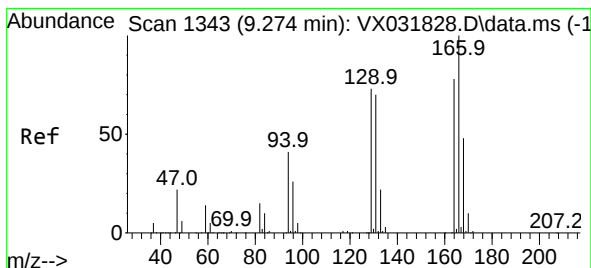
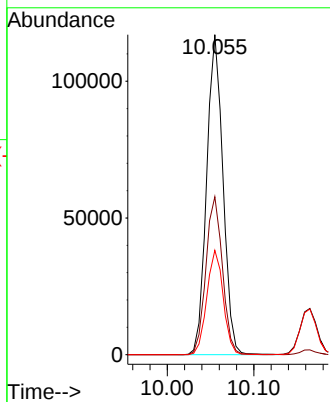
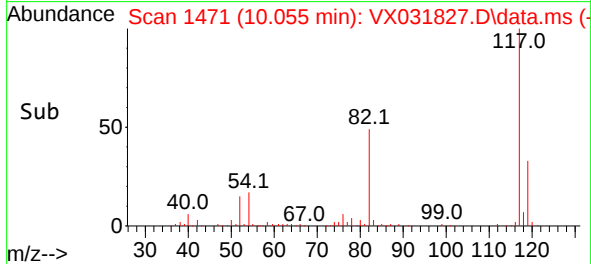
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



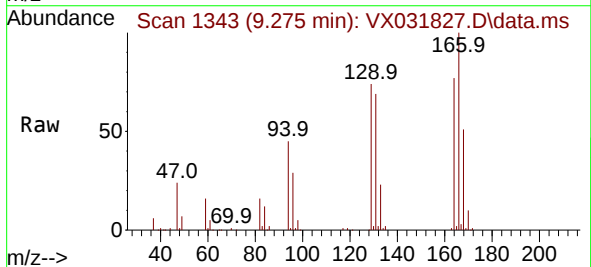
Tgt Ion:117 Resp: 153170
Ion Ratio Lower Upper
117 100
82 49.4 46.8 70.2
119 32.6 26.4 39.6

Manual Integrations
APPROVED

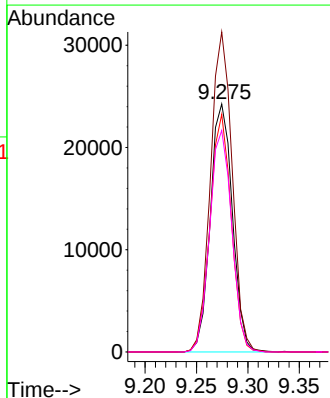
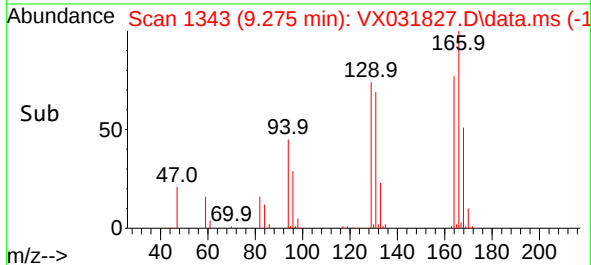
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022

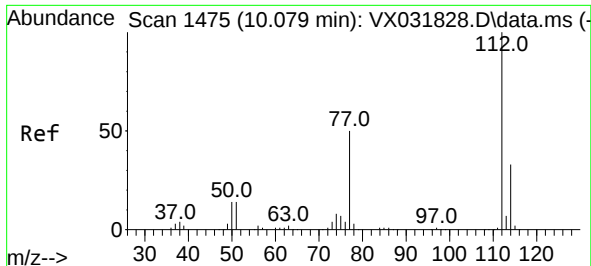


#64
Tetrachloroethene
Concen: 17.119 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59



Tgt Ion:164 Resp: 36217
Ion Ratio Lower Upper
164 100
166 129.1 99.0 148.4
129 95.8 78.0 117.0
131 89.3 74.2 111.2





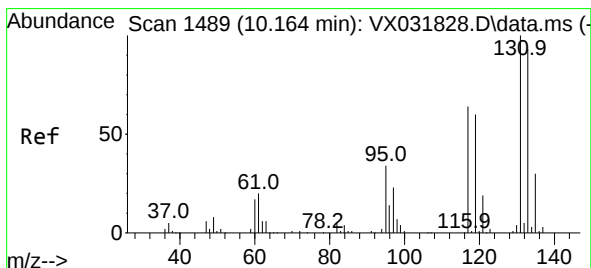
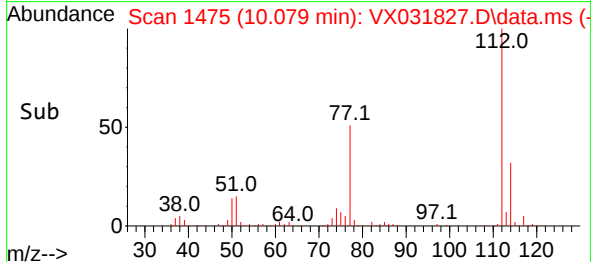
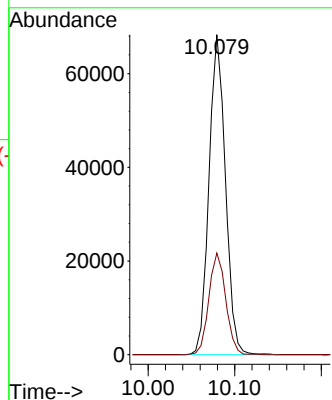
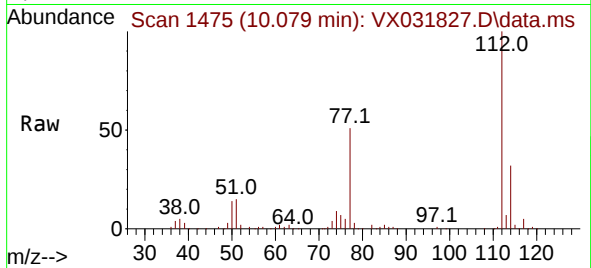
#65
Chlorobenzene
Concen: 17.323 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 8983
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5

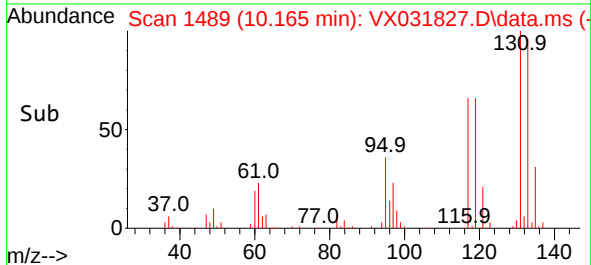
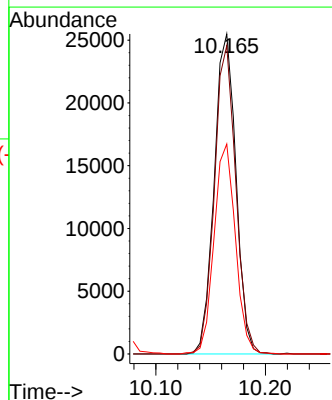
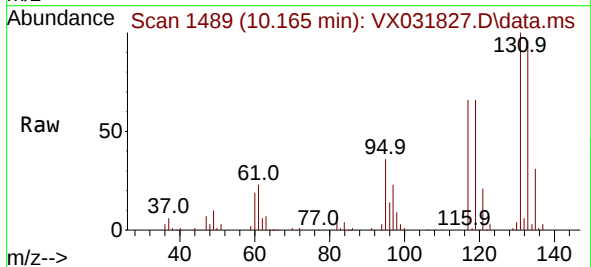
Manual Integrations
APPROVED

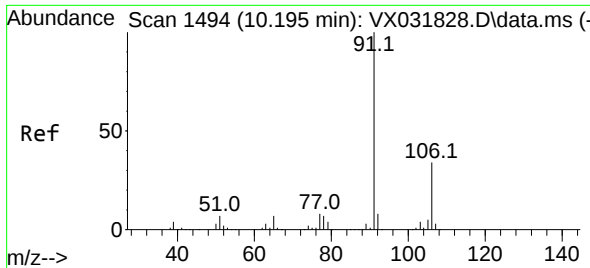
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 17.387 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59

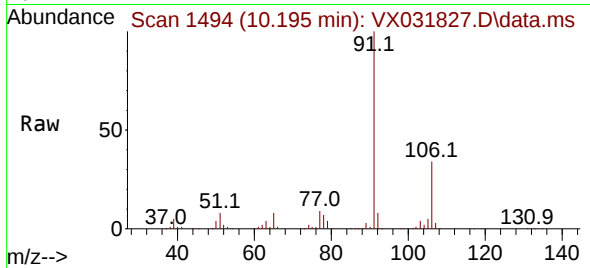
Tgt Ion:131 Resp: 35055
Ion Ratio Lower Upper
131 100
133 95.3 46.6 139.7
119 64.8 31.9 95.9





#67
Ethyl Benzene
Concen: 18.018 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59

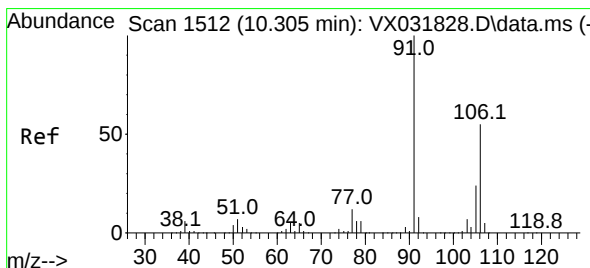
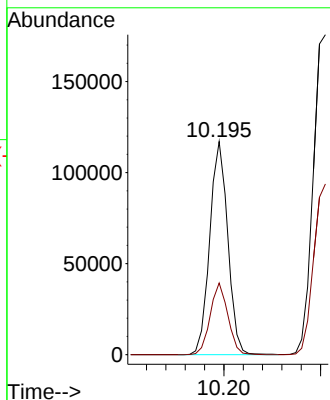
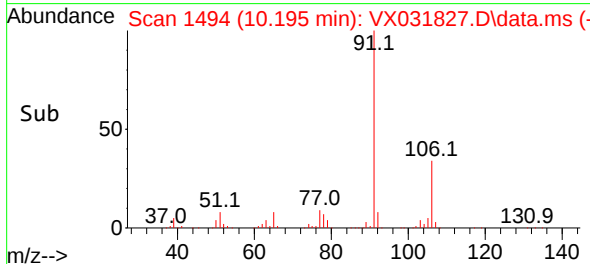
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



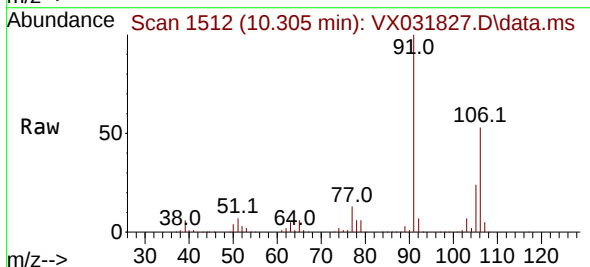
Tgt Ion: 91 Resp: 151693
Ion Ratio Lower Upper
91 100
106 33.7 25.2 37.8

Manual Integrations
APPROVED

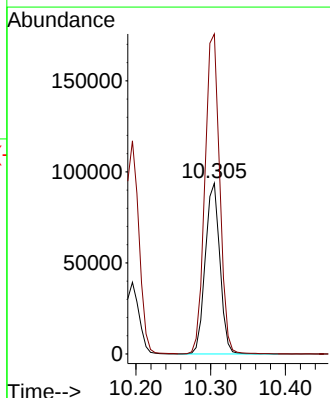
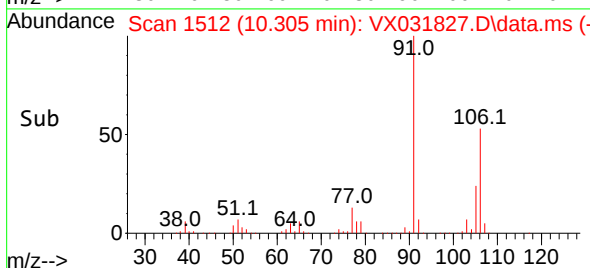
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022

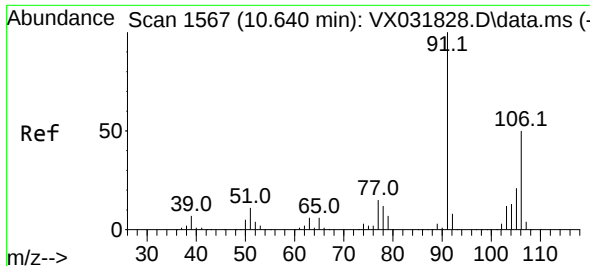


#68
m/p-Xylenes
Concen: 36.374 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59



Tgt Ion:106 Resp: 126922
Ion Ratio Lower Upper
106 100
91 190.5 161.0 241.4





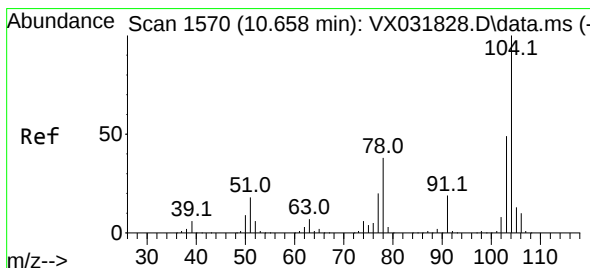
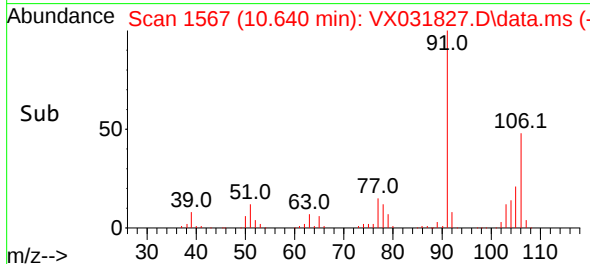
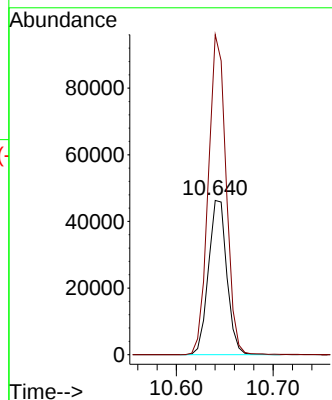
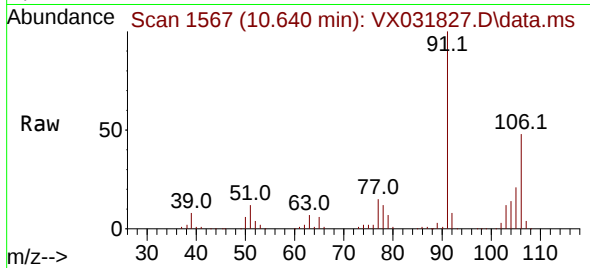
#69
o-Xylene
Concen: 18.131 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 6132
Ion Ratio Lower Upper
106 100
91 200.6 107.2 321.6

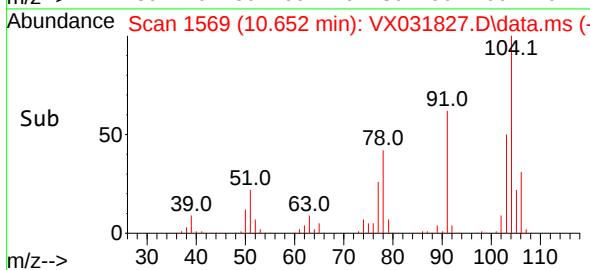
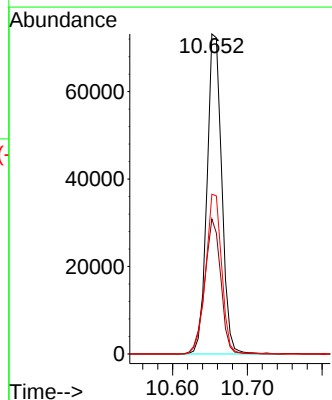
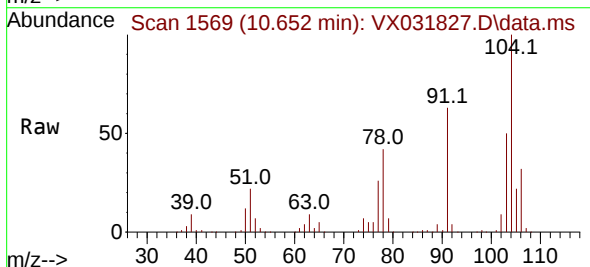
Manual Integrations
APPROVED

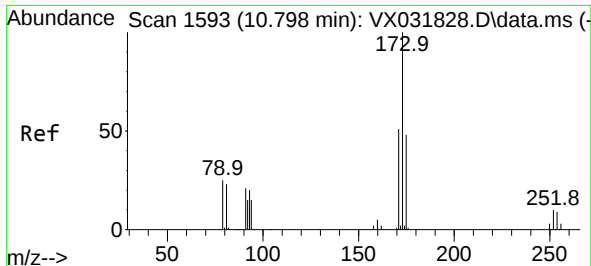
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#70
Styrene
Concen: 18.075 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59

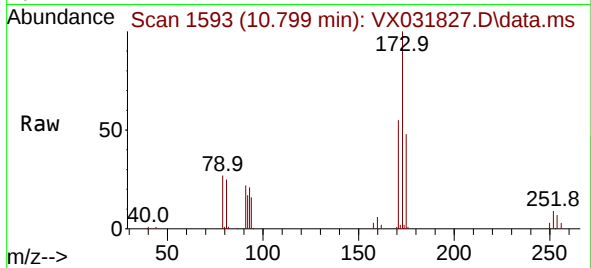
Tgt Ion:104 Resp: 100273
Ion Ratio Lower Upper
104 100
78 45.9 41.4 62.2
103 54.2 43.8 65.8





#71
Bromoform
Concen: 16.738 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59

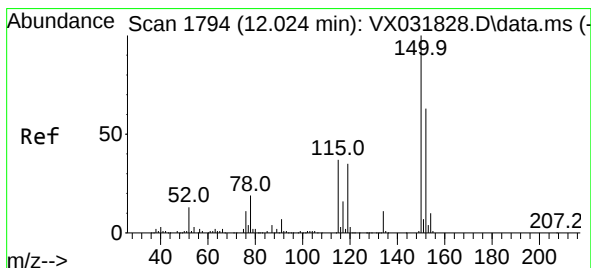
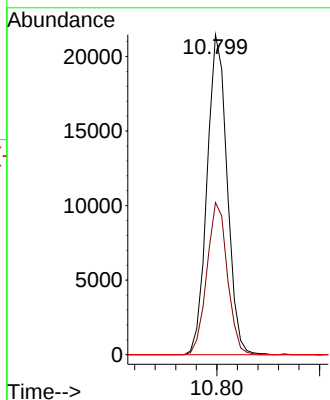
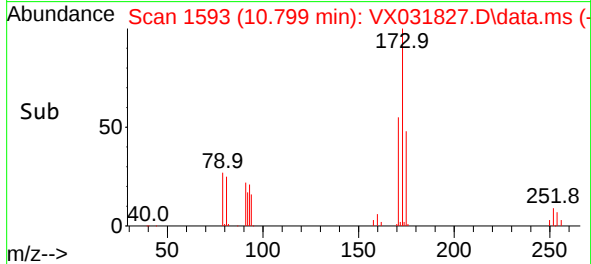
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



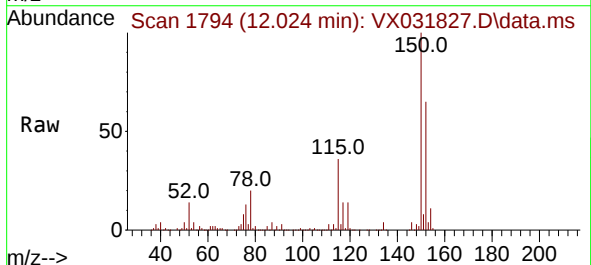
Tgt Ion:173 Resp: 29034
Ion Ratio Lower Upper
173 100
175 48.5 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

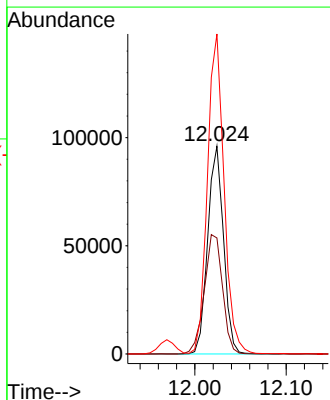
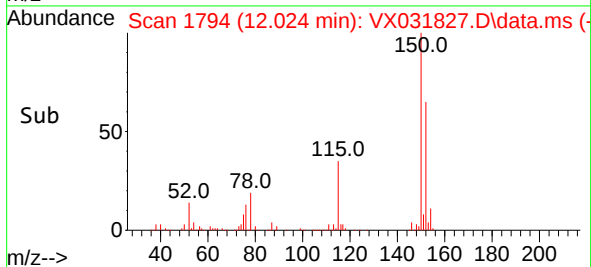
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022

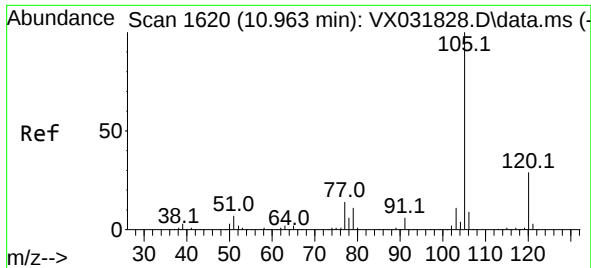


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59



Tgt Ion:152 Resp: 115533
Ion Ratio Lower Upper
152 100
115 66.3 43.4 130.1
150 161.5 0.0 346.8





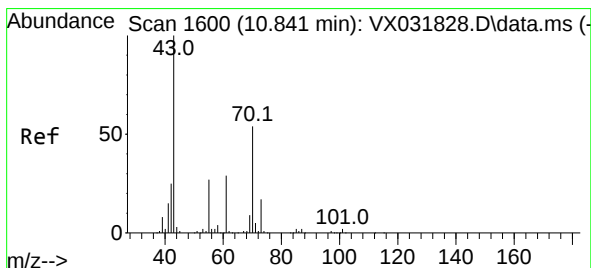
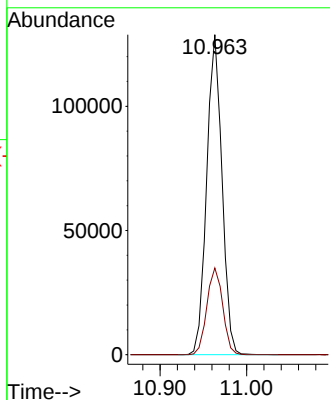
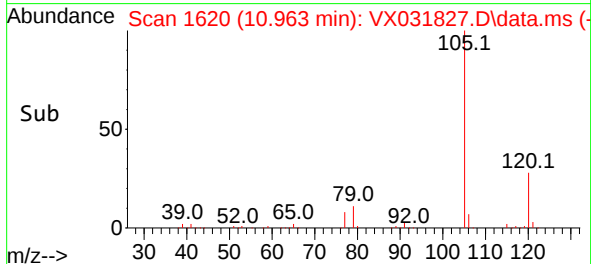
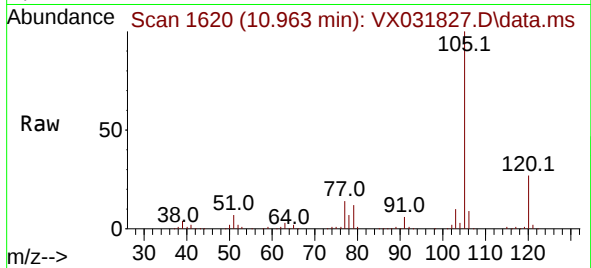
#73
Isopropylbenzene
Concen: 17.644 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 15783
Ion Ratio Lower Upper
105 100
120 28.0 13.7 41.0

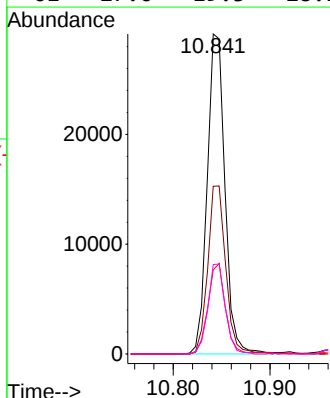
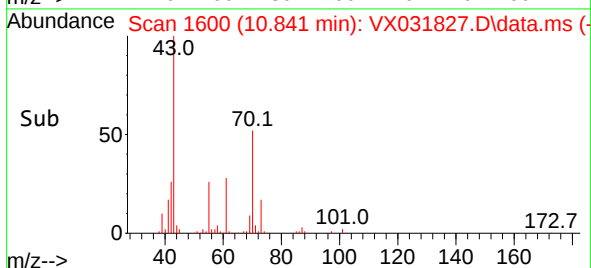
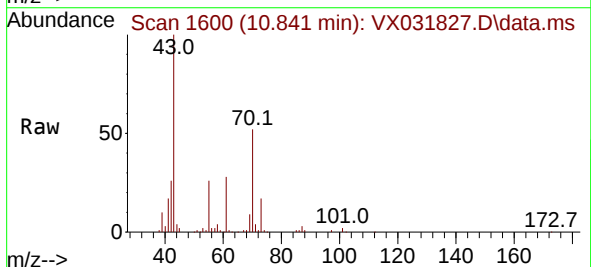
Manual Integrations
APPROVED

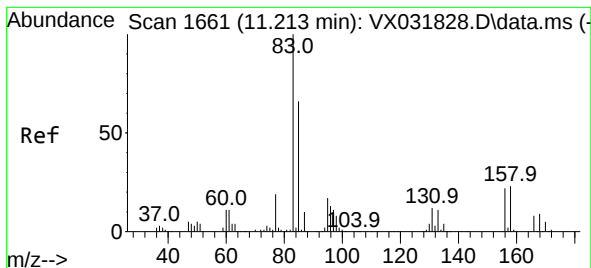
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#74
N-ethyl acetate
Concen: 16.900 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.006 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59

Tgt Ion: 43 Resp: 37155
Ion Ratio Lower Upper
43 100
70 53.3 33.4 50.2#
55 27.7 18.2 27.2#
61 27.6 19.3 28.9





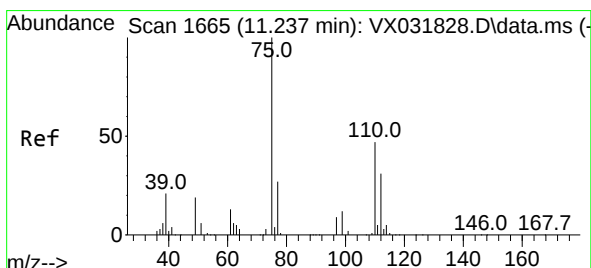
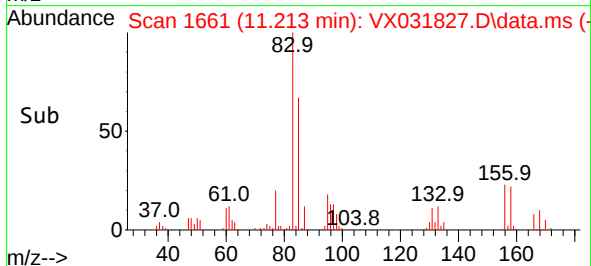
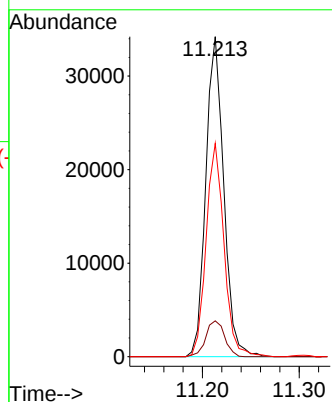
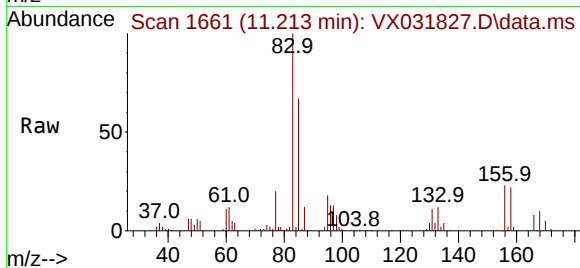
#75
1,1,2,2-Tetrachloroethane
Concen: 16.952 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 4420
Ion Ratio Lower Upper
83 100
131 11.8 5.1 15.4
85 66.6 32.6 97.8

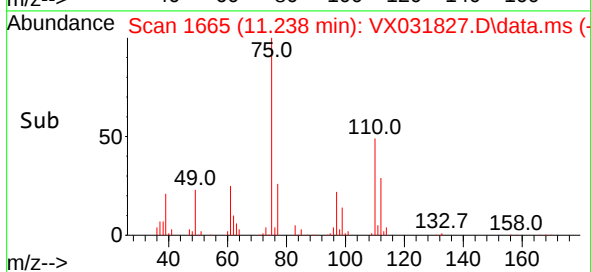
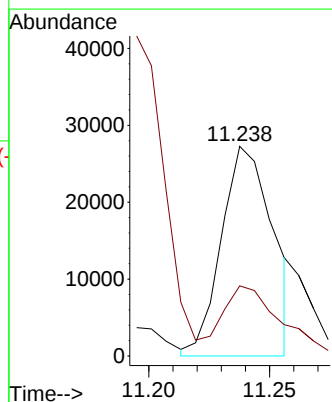
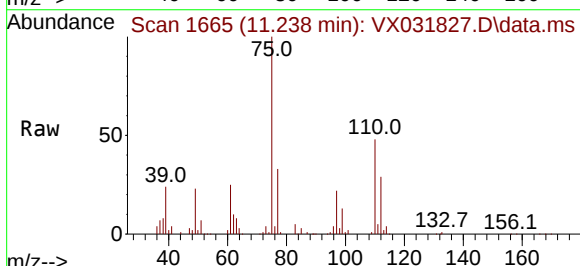
Manual Integrations
APPROVED

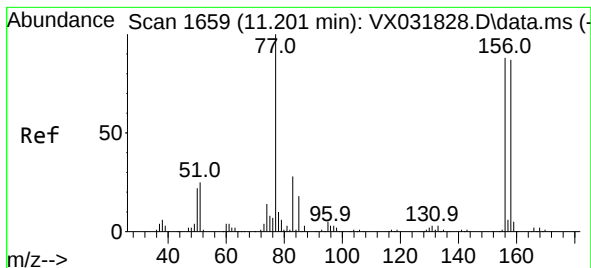
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#76
1,2,3-Trichloropropane
Concen: 18.192 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59

Tgt Ion: 75 Resp: 40259
Ion Ratio Lower Upper
75 100
77 38.8 20.3 60.9





#77

Bromobenzene

Concen: 16.877 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX031827.D

Acq: 03 Oct 2022 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

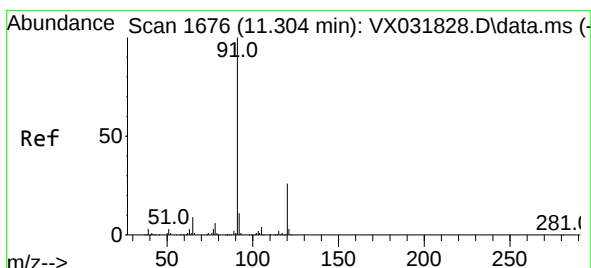
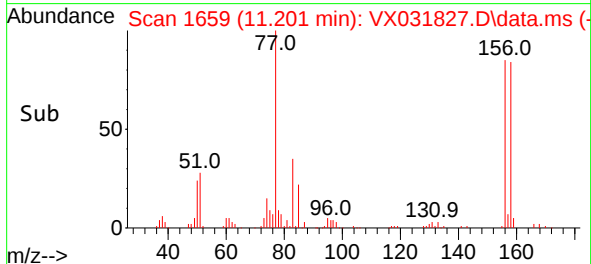
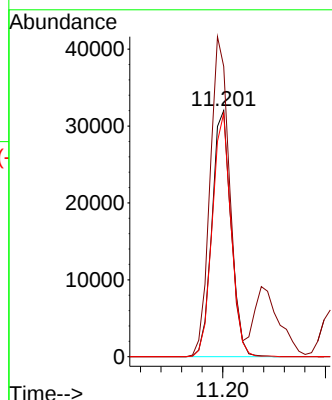
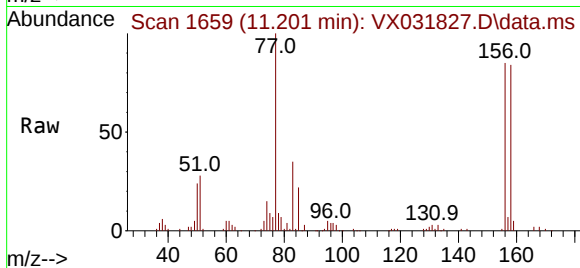
Tgt Ion:	156	Resp:	4127
Ion Ratio	Lower	Upper	
156	100		
77	131.5	79.5	238.6
158	97.1	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#78

n-propylbenzene

Concen: 18.037 ug/l

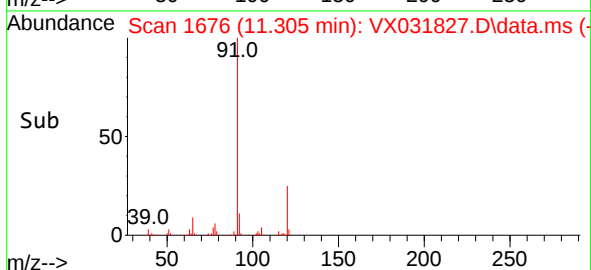
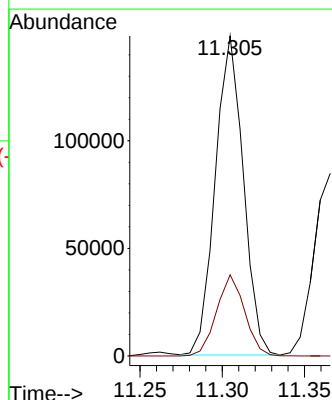
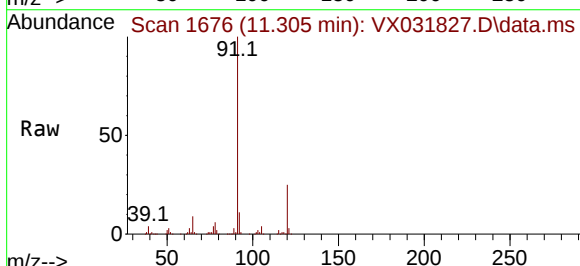
RT: 11.305 min Scan# 1676

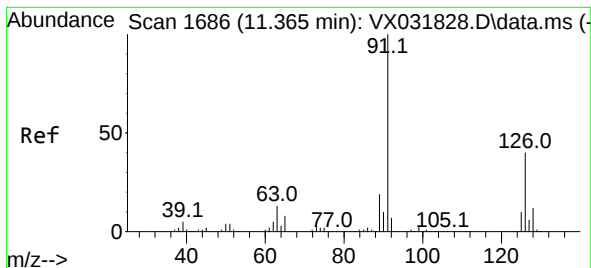
Delta R.T. -0.000 min

Lab File: VX031827.D

Acq: 03 Oct 2022 10:59

Tgt Ion:	91	Resp:	175658
Ion Ratio	Lower	Upper	
91	100		
120	25.4	11.8	35.4





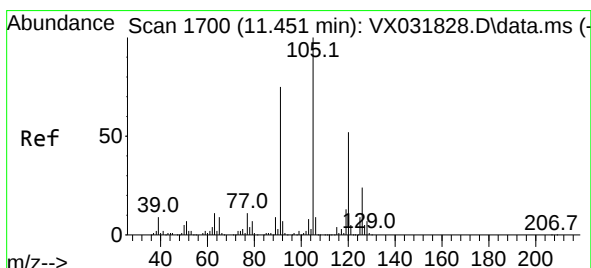
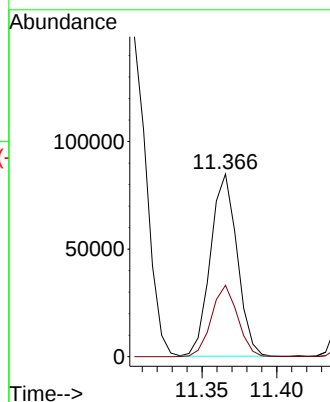
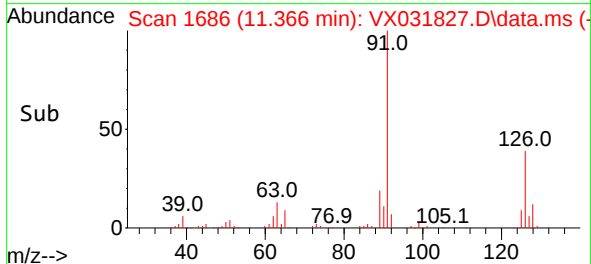
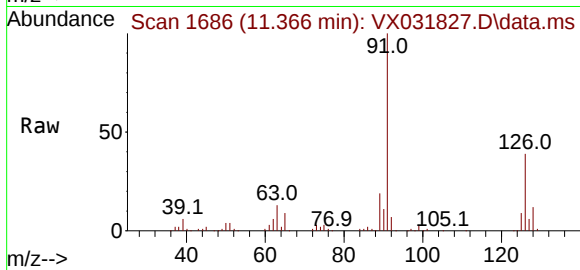
#79
2-Chlorotoluene
Concen: 17.711 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 105448
Ion Ratio Lower Upper
91 100
126 38.5 17.4 52.3

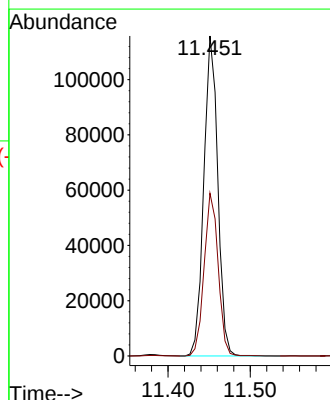
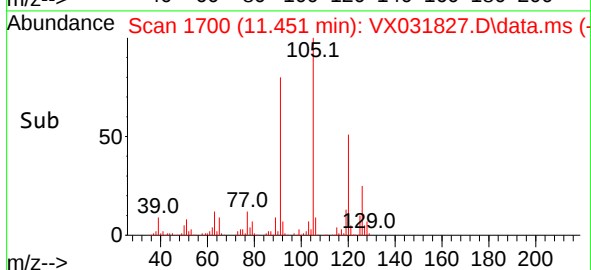
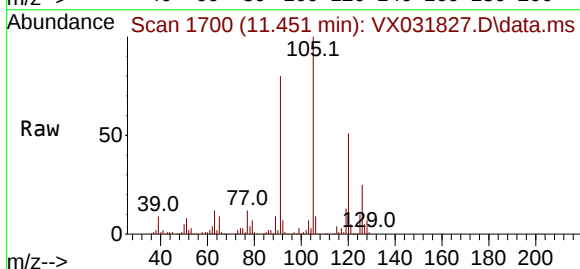
Manual Integrations
APPROVED

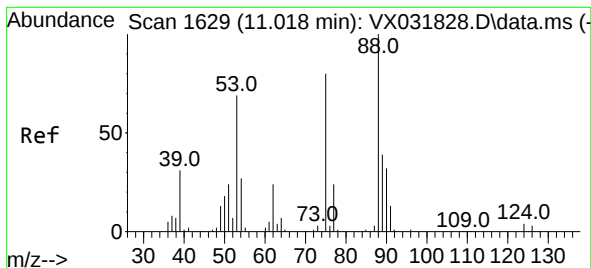
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#80
1,3,5-Trimethylbenzene
Concen: 18.204 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59

Tgt Ion:105 Resp: 136568
Ion Ratio Lower Upper
105 100
120 51.1 24.5 73.5





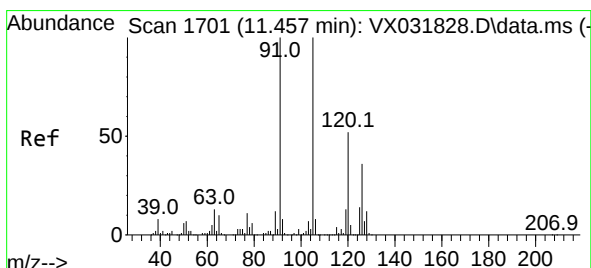
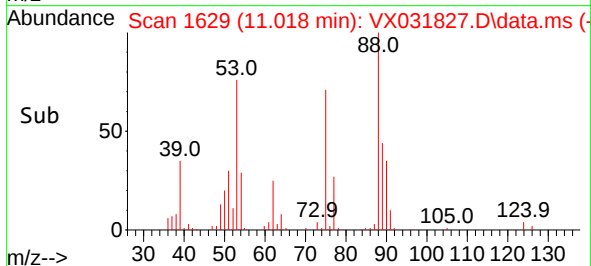
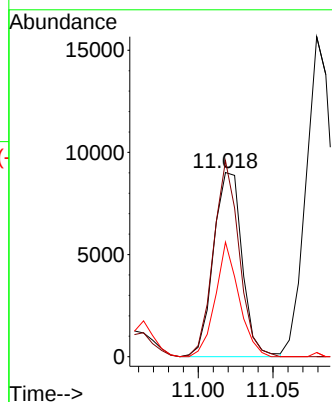
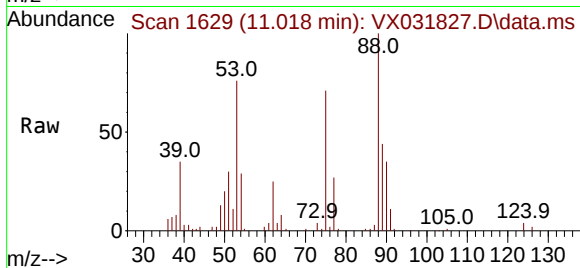
#81
trans-1,4-Dichloro-2-butene
Concen: 16.432 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 12032
Ion Ratio Lower Upper
75 100
53 95.0 77.6 116.4
89 51.1 37.4 56.0

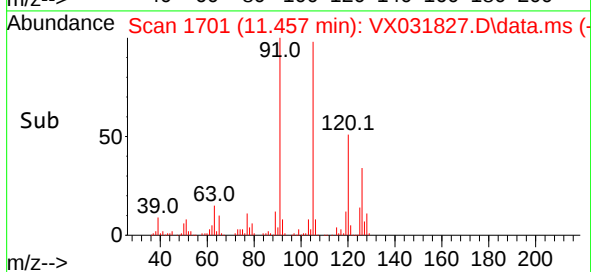
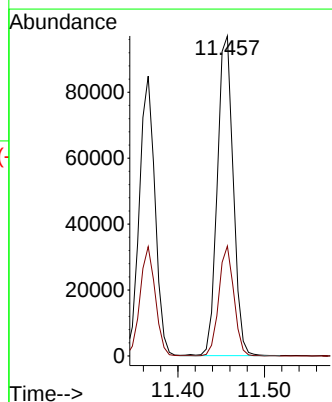
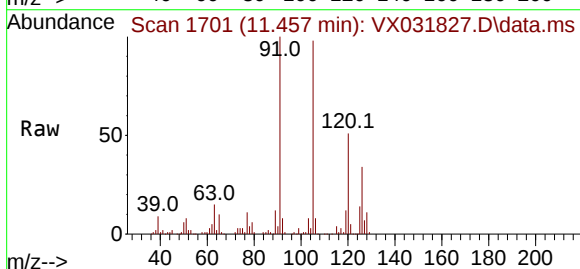
Manual Integrations
APPROVED

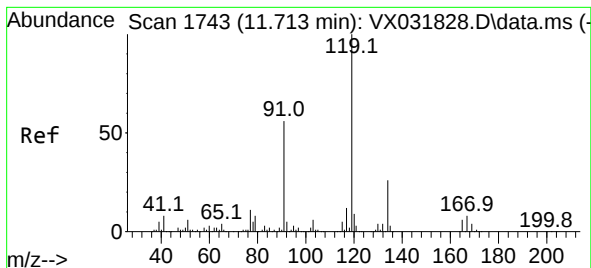
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#82
4-Chlorotoluene
Concen: 17.993 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59

Tgt Ion: 91 Resp: 123819
Ion Ratio Lower Upper
91 100
126 32.6 15.1 45.3





#83

tert-Butylbenzene

Concen: 18.289 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX031827.D

Acq: 03 Oct 2022 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:119 Resp: 137869

Ion Ratio Lower Upper

119 100

91 53.5 29.2 87.6

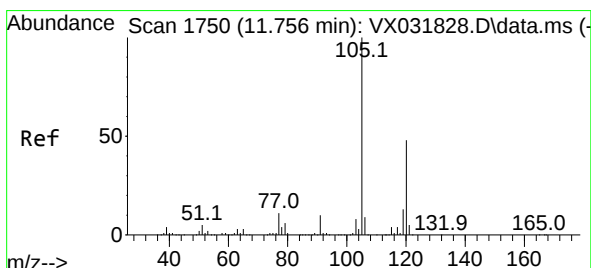
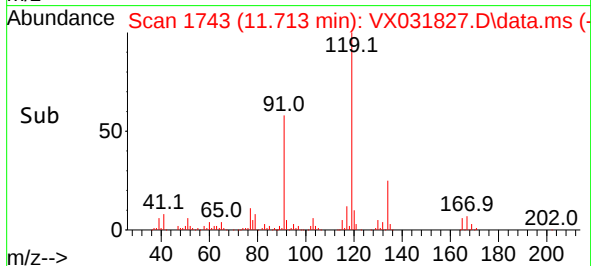
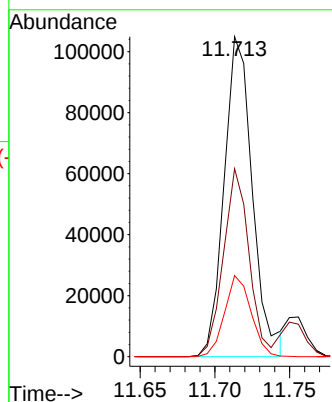
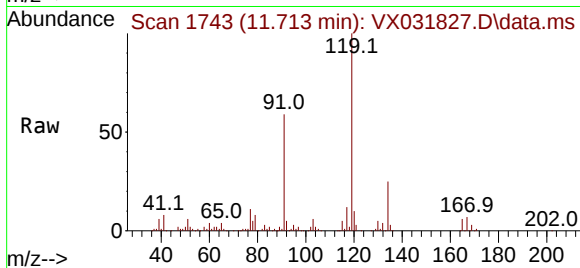
134 23.8 11.6 34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#84

1,2,4-Trimethylbenzene

Concen: 18.231 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX031827.D

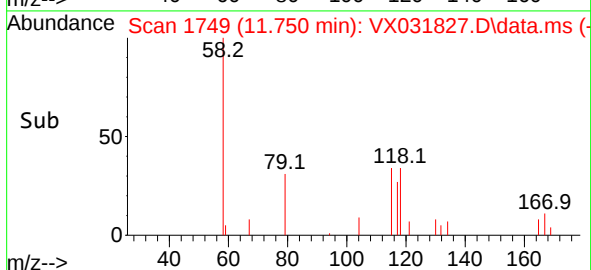
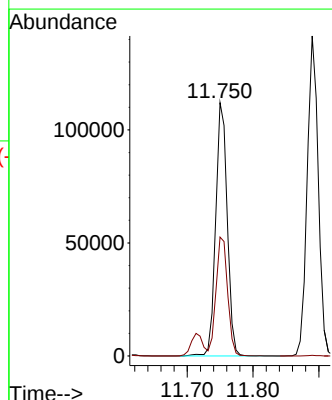
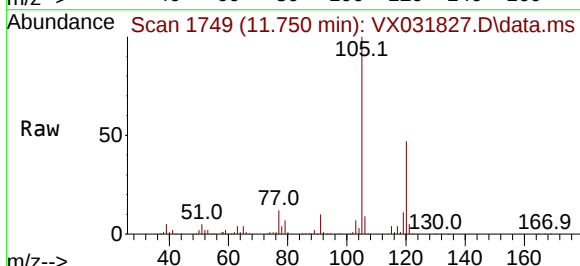
Acq: 03 Oct 2022 10:59

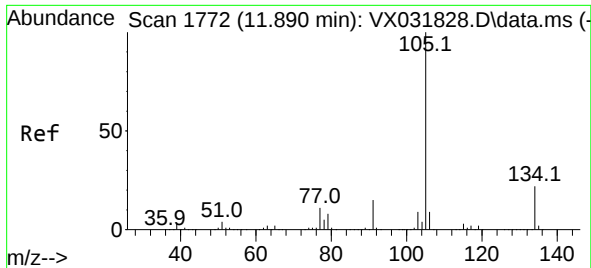
Tgt Ion:105 Resp: 136752

Ion Ratio Lower Upper

105 100

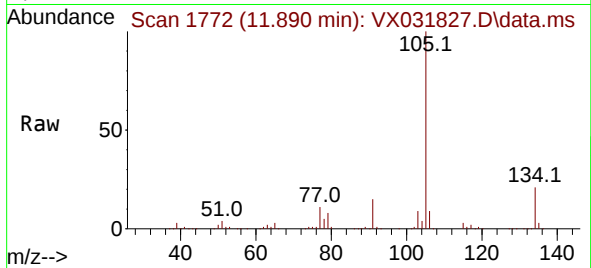
120 47.1 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 18.583 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX031827.D
 Acq: 03 Oct 2022 10:59

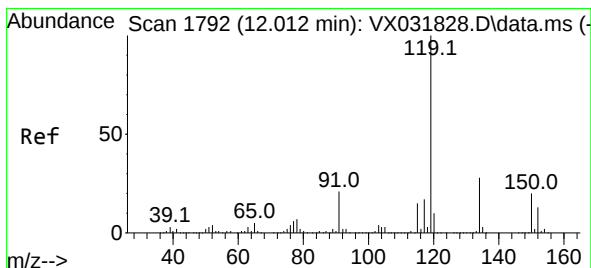
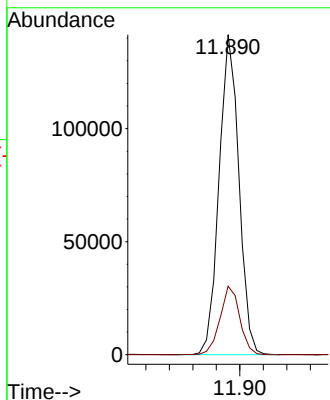
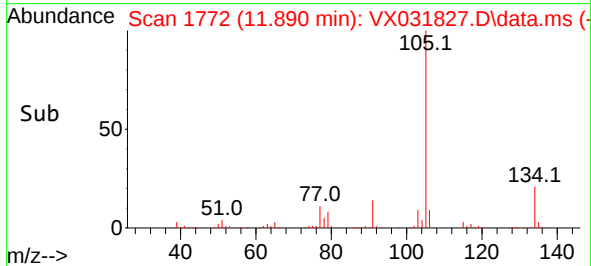
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



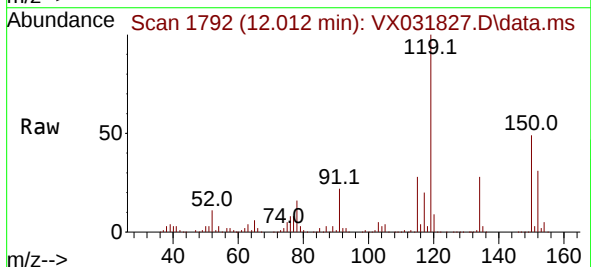
Tgt Ion:105 Resp: 165775
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.4 31.1

Manual Integrations
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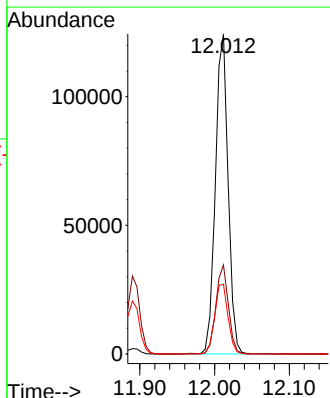
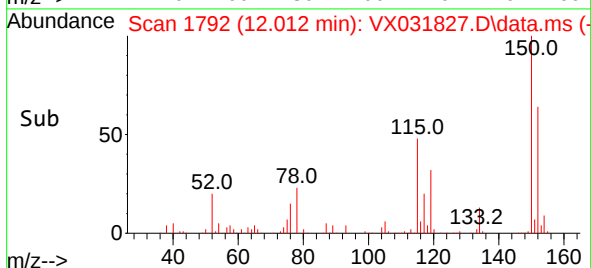
Reviewed By :John Carlone 10/04/2022
 Supervised By :Mahesh Dadoda 10/06/2022



#86
 p-Isopropyltoluene
 Concen: 18.674 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX031827.D
 Acq: 03 Oct 2022 10:59



Tgt Ion:119 Resp: 146631
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.4 40.2
 91 22.9 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 17.212 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX031827.D

Acq: 03 Oct 2022 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 78289

Ion Ratio Lower Upper

146 100

111 37.9 19.8 59.4

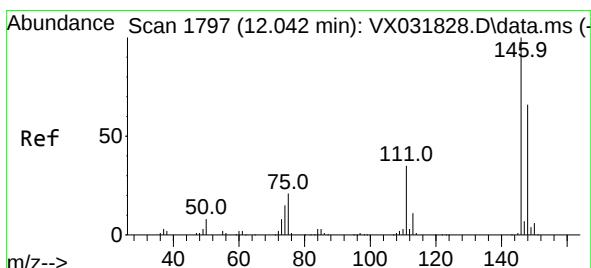
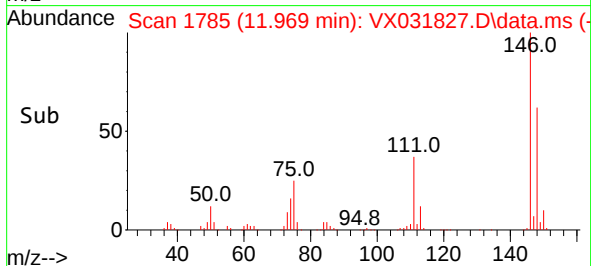
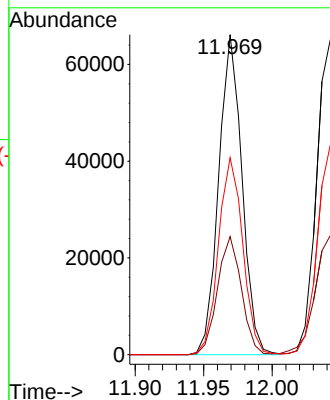
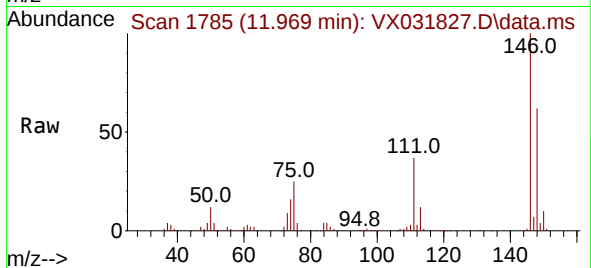
148 64.2 31.5 94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#88

1,4-Dichlorobenzene

Concen: 17.154 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX031827.D

Acq: 03 Oct 2022 10:59

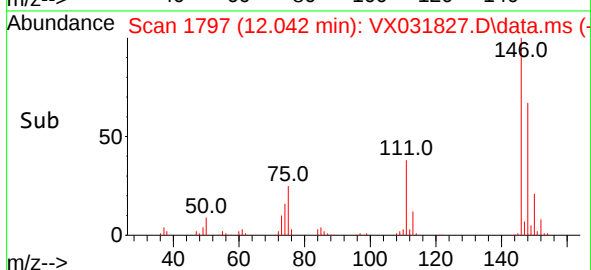
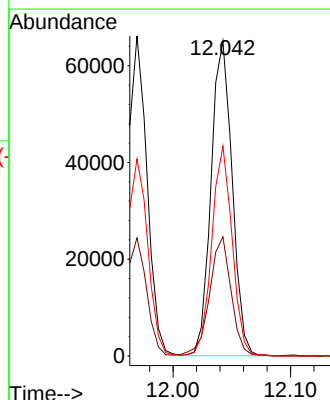
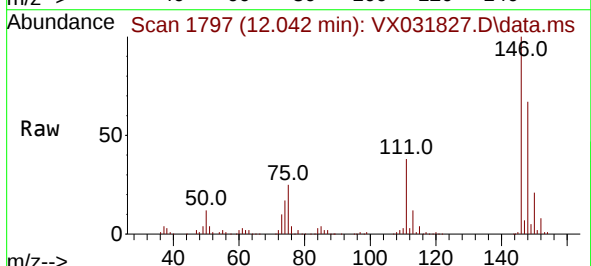
Tgt Ion:146 Resp: 81274

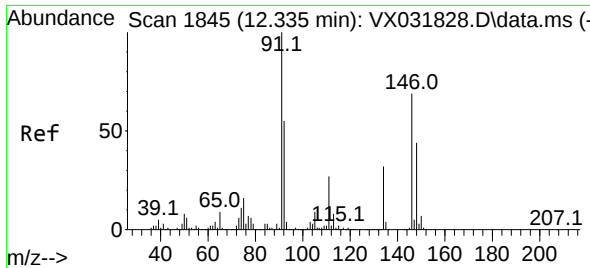
Ion Ratio Lower Upper

146 100

111 38.8 20.5 61.5

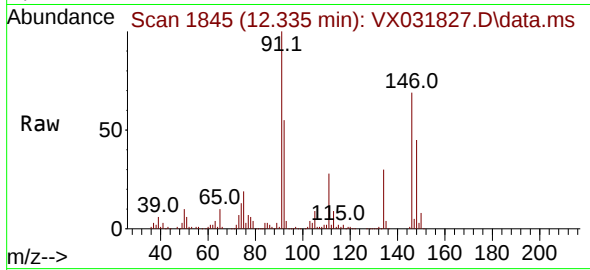
148 64.6 32.0 96.2





#89
n-Butylbenzene
Concen: 18.330 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59

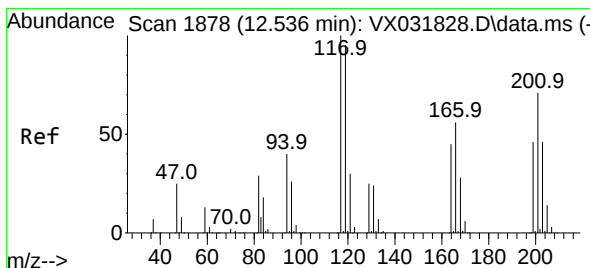
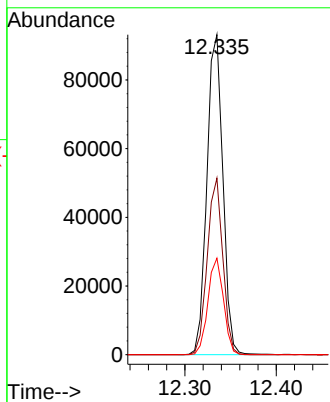
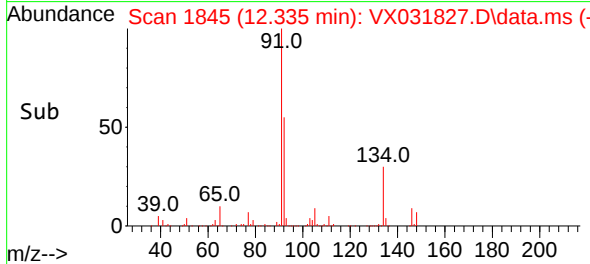
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 91 Resp: 112672
Ion Ratio Lower Upper
91 100
92 53.6 27.0 81.0
134 29.4 13.3 39.9

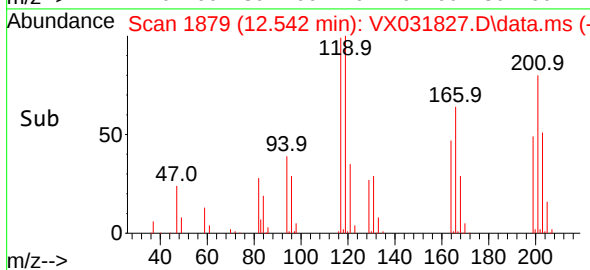
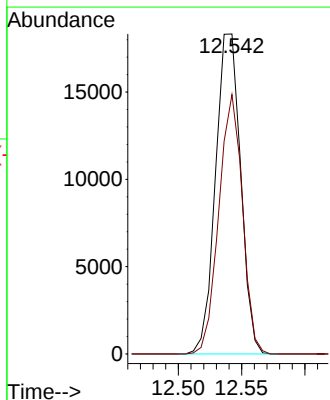
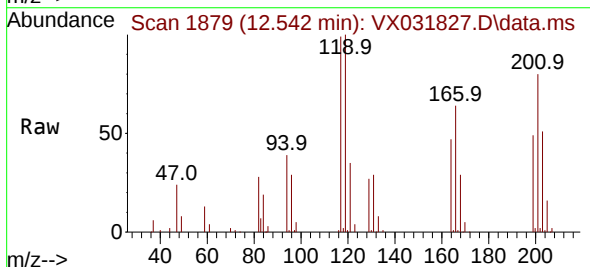
Manual Integrations
APPROVED

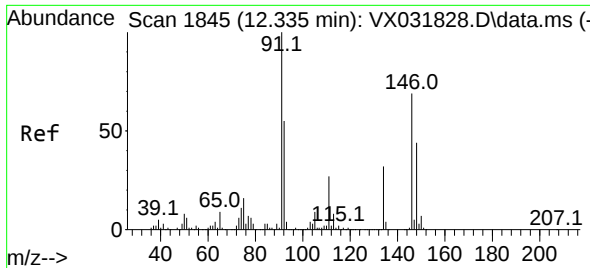
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#90
Hexachloroethane
Concen: 17.748 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59

Tgt Ion:117 Resp: 25280
Ion Ratio Lower Upper
117 100
201 76.0 34.8 104.4





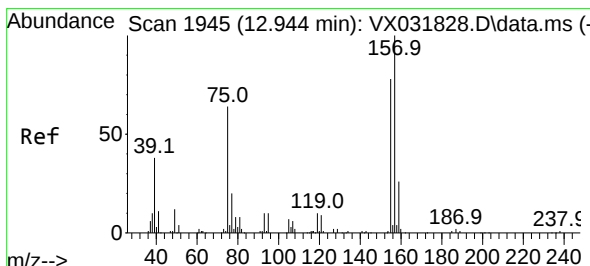
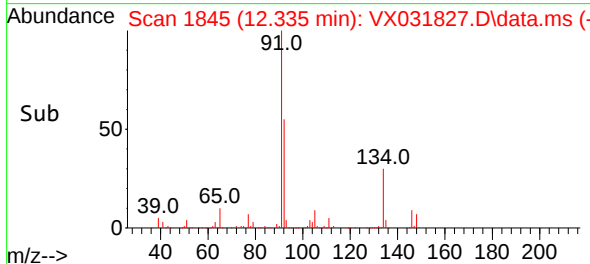
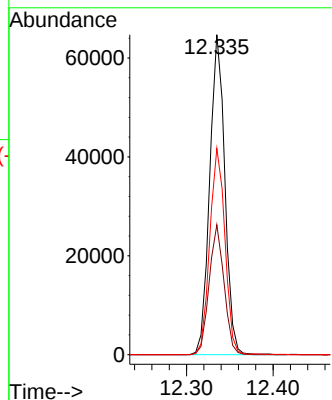
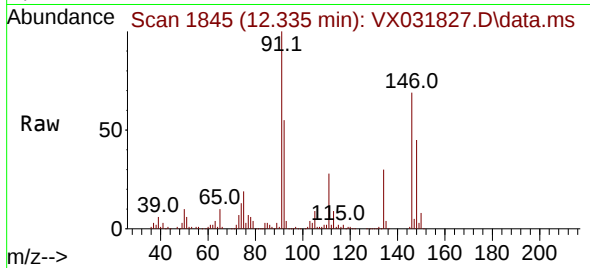
#91
1,2-Dichlorobenzene
Concen: 17.217 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 7835
Ion Ratio Lower Upper
146 100
111 40.0 20.6 61.8
148 65.1 31.6 95.0

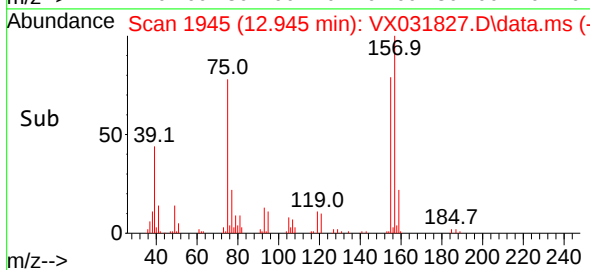
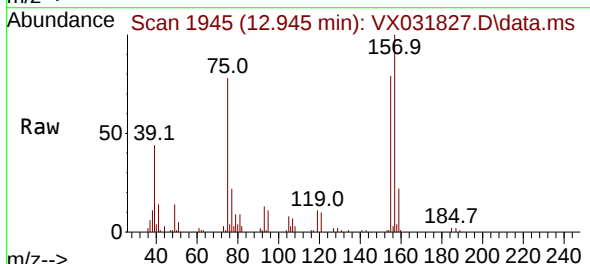
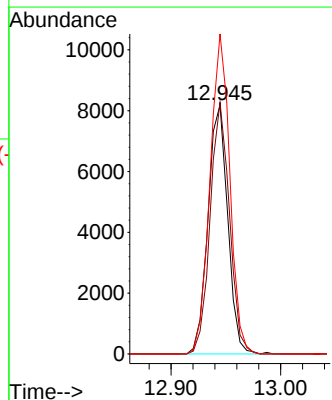
Manual Integrations
APPROVED

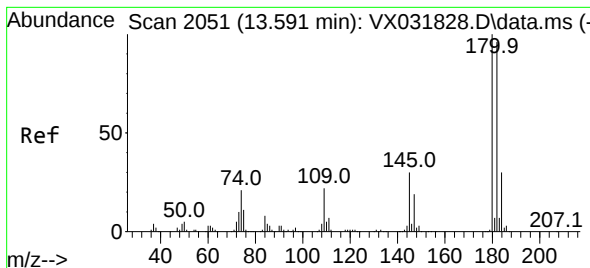
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.563 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59

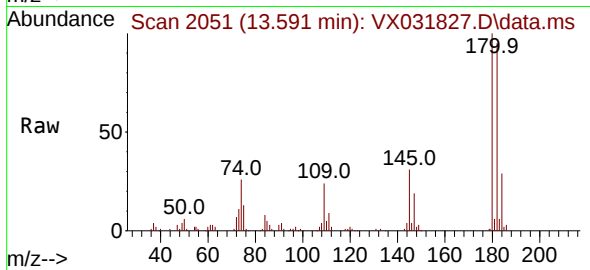
Tgt Ion: 75 Resp: 10225
Ion Ratio Lower Upper
75 100
155 99.1 40.3 120.8
157 128.9 51.5 154.5





#93
1,2,4-Trichlorobenzene
Concen: 17.214 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59

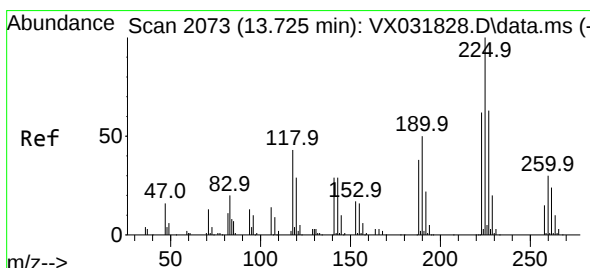
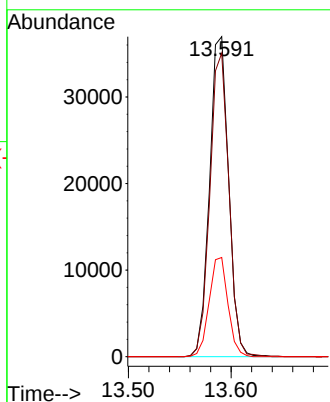
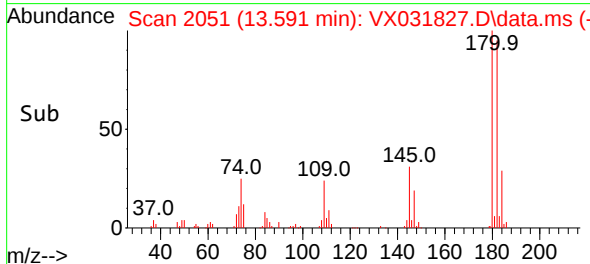
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



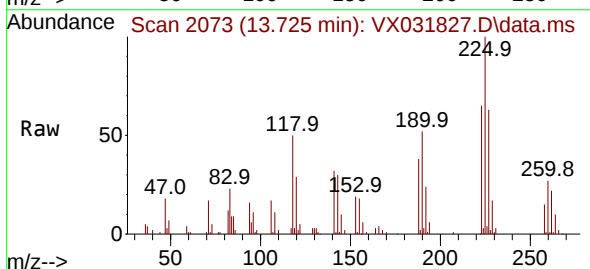
Tgt Ion:180 Resp: 47600
Ion Ratio Lower Upper
180 100
182 94.6 46.9 140.6
145 30.6 16.7 50.1

Manual Integrations
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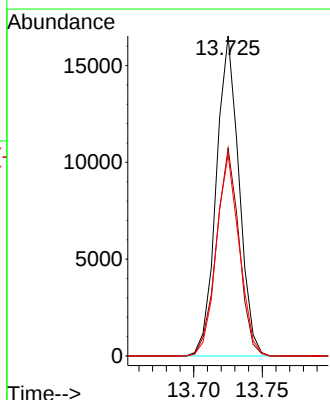
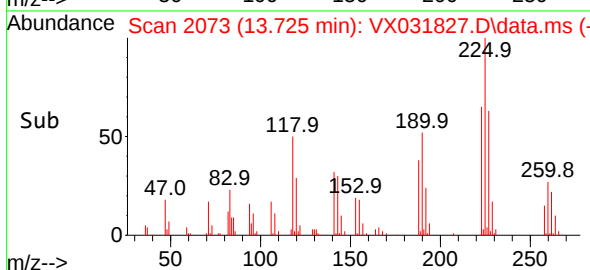
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022

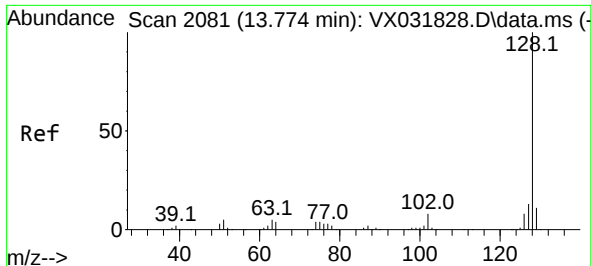


#94
Hexachlorobutadiene
Concen: 17.369 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59



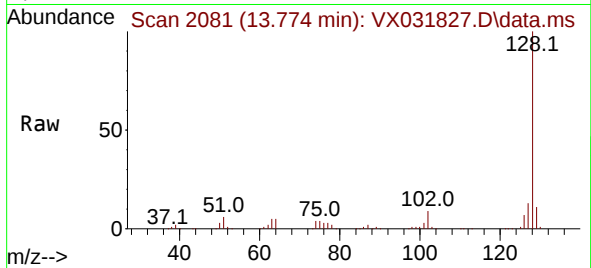
Tgt Ion:225 Resp: 18983
Ion Ratio Lower Upper
225 100
223 64.7 30.8 92.4
227 63.4 32.3 96.9





#95
Naphthalene
Concen: 18.064 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59

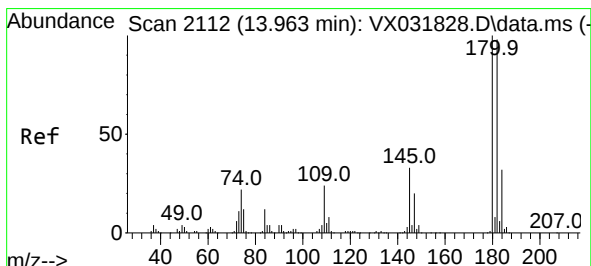
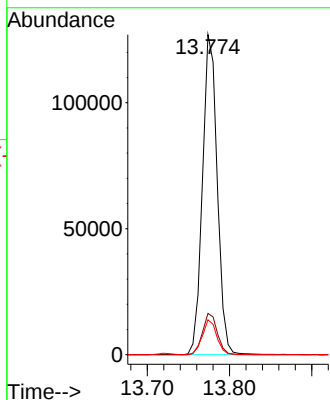
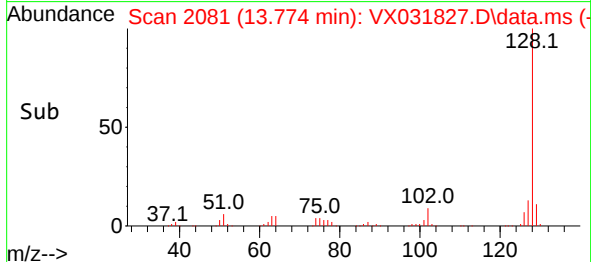
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:128 Resp: 15832
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.7 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#96
1,2,3-Trichlorobenzene
Concen: 17.611 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX031827.D
Acq: 03 Oct 2022 10:59

Tgt Ion:180 Resp: 47449
Ion Ratio Lower Upper
180 100
182 93.6 47.9 143.8
145 34.4 17.6 52.8

