

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062323\
 Data File : VX036285.D
 Acq On : 23 Jun 2023 11:14
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Jun 23 11:43:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 11:37:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/24/2023
 Supervised By : Mahesh Dadoda 06/26/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	218320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	377153	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	343600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	164503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60106	15.065	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	30.140%#		
35) Dibromofluoromethane	5.391	113	47766	18.677	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	37.360%#		
50) Toluene-d8	8.647	98	178721	19.104	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	38.200%#		
62) 4-Bromofluorobenzene	11.079	95	62190	16.468	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	32.940%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	41491	15.483	ug/l	95
3) Chloromethane	1.294	50	74275	26.197	ug/l	98
4) Vinyl Chloride	1.374	62	79855	29.565	ug/l	97
5) Bromomethane	1.618	94	54825	33.020	ug/l	99
6) Chloroethane	1.691	64	52609	30.102	ug/l	99
7) Trichlorofluoromethane	1.892	101	116417	26.633	ug/l	100
8) Diethyl Ether	2.136	74	45280	27.831	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	49884	20.011	ug/l	95
10) Methyl Iodide	2.453	142	61791	24.040	ug/l	94
11) Tert butyl alcohol	3.032	59	57167	93.726	ug/l #	95
12) 1,1-Dichloroethene	2.325	96	49008	20.791	ug/l	84
13) Acrolein	2.245	56	81172	119.838	ug/l	100
14) Allyl chloride	2.666	41	77322	16.212	ug/l	97
15) Acrylonitrile	3.075	53	148455	95.145	ug/l	99
16) Acetone	2.404	43	131680	79.441	ug/l	92
17) Carbon Disulfide	2.514	76	109527	18.798	ug/l	99
18) Methyl Acetate	2.709	43	110269	17.540	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	163273	17.694	ug/l	100
20) Methylene Chloride	2.794	84	55857	18.599	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	51745	19.758	ug/l	94
22) Diisopropyl ether	3.757	45	166369	17.529	ug/l	96
23) Vinyl Acetate	3.721	43	592124	88.025	ug/l	98
24) 1,1-Dichloroethane	3.611	63	95814	18.272	ug/l	98
25) 2-Butanone	4.574	43	195010	84.035	ug/l	97
26) 2,2-Dichloropropane	4.477	77	63697	15.620	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	59220	19.774	ug/l	93
28) Bromochloromethane	4.897	49	48478	17.734	ug/l	93
29) Tetrahydrofuran	5.019	42	121628	82.526	ug/l	93
30) Chloroform	5.093	83	96523	17.477	ug/l	96
31) Cyclohexane	5.464	56	80860	18.893	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	77824	16.621	ug/l	100
36) 1,1-Dichloropropene	5.696	75	70044	18.592	ug/l	98
37) Ethyl Acetate	4.721	43	76777	17.492	ug/l	98
38) Carbon Tetrachloride	5.678	117	64803	17.695	ug/l	99
39) Methylcyclohexane	7.379	83	85893	21.169	ug/l	93
40) Benzene	6.037	78	207702	19.605	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	42287	17.474	ug/l	94
42) 1,2-Dichloroethane	6.086	62	79810	16.722	ug/l	98
43) Isopropyl Acetate	6.342	43	118120	17.584	ug/l	98
44) Trichloroethene	7.129	130	55973	21.142	ug/l	93
45) 1,2-Dichloropropane	7.434	63	56331	20.000	ug/l	99
46) Dibromomethane	7.580	93	39480	19.676	ug/l	94
47) Bromodichloromethane	7.818	83	70582	18.323	ug/l	98
48) Methyl methacrylate	7.696	41	60585	17.579	ug/l	94
49) 1,4-Dioxane	7.732	88	29337	508.425	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	406698	95.886	ug/l	100
52) Toluene	8.720	92	129904	19.584	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	68762	17.330	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	80873	19.007	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	54803	20.014	ug/l	93
56) Ethyl methacrylate	9.116	69	81471	19.696	ug/l	95
57) 1,3-Dichloropropane	9.305	76	94348	19.368	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	226207	99.217	ug/l	98
59) 2-Hexanone	9.433	43	299131	94.863	ug/l	97
60) Dibromochloromethane	9.519	129	51126	19.129	ug/l	99
61) 1,2-Dibromoethane	9.610	107	56779	19.887	ug/l	100
64) Tetrachloroethene	9.275	164	48009	22.457	ug/l	96
65) Chlorobenzene	10.079	112	142364	19.995	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	48338	19.673	ug/l	97
67) Ethyl Benzene	10.195	91	253484	19.935	ug/l	99
68) m/p-Xylenes	10.299	106	198114	41.295	ug/l	97
69) o-Xylene	10.640	106	96513	20.390	ug/l	99
70) Styrene	10.653	104	160123	20.303	ug/l	97
71) Bromoform	10.799	173	34123	20.173	ug/l #	98
73) Isopropylbenzene	10.963	105	247644	20.288	ug/l	98
74) N-amyl acetate	10.842	43	100716	18.259	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	86176	20.618	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	69121m	17.705	ug/l	
77) Bromobenzene	11.195	156	59226	20.709	ug/l	93
78) n-propylbenzene	11.305	91	287182	19.999	ug/l	99
79) 2-Chlorotoluene	11.366	91	170059	18.829	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	211339	20.333	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	18969	17.007	ug/l	93
82) 4-Chlorotoluene	11.451	91	196619	18.684	ug/l	96
83) tert-Butylbenzene	11.713	119	199585	20.198	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	209301	20.188	ug/l	97
85) sec-Butylbenzene	11.890	105	255931	20.801	ug/l	100
86) p-Isopropyltoluene	12.006	119	210563	20.341	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	109431	20.065	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	113613	20.337	ug/l	98
89) n-Butylbenzene	12.329	91	185362	20.065	ug/l	98
90) Hexachloroethane	12.536	117	29781	18.341	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	109506	20.458	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	15959	17.311	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	65104	21.456	ug/l	98
94) Hexachlorobutadiene	13.725	225	25977	21.656	ug/l	97
95) Naphthalene	13.774	128	225400	21.536	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	65145	21.410	ug/l	97

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VSTDICC020

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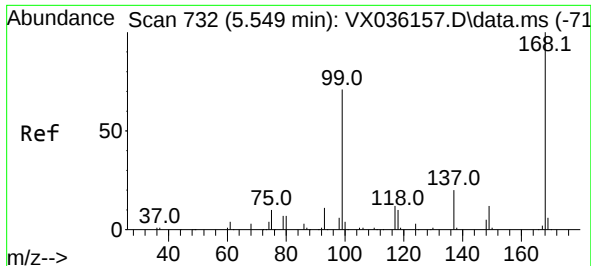
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

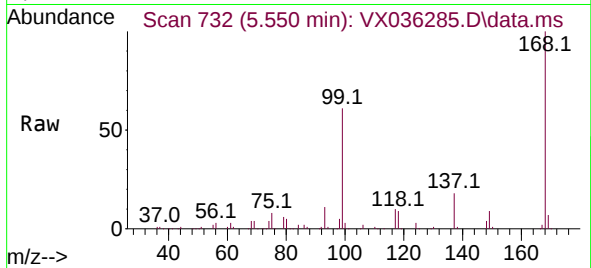
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.001 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

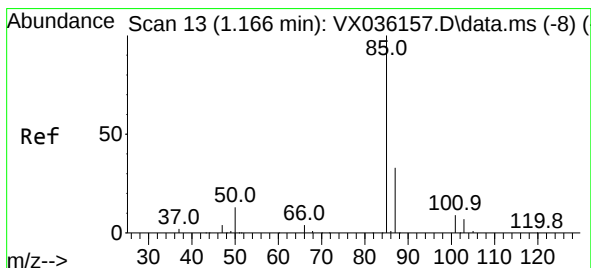
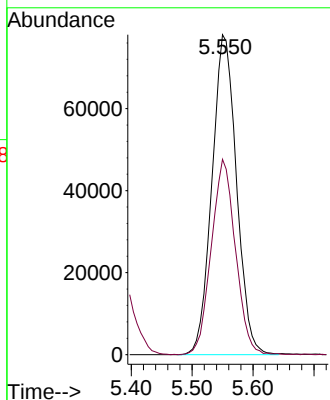
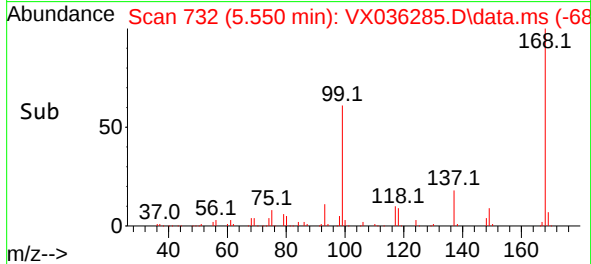
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 218320
Ion Ratio Lower Upper
168 100
99 61.1 56.6 85.0

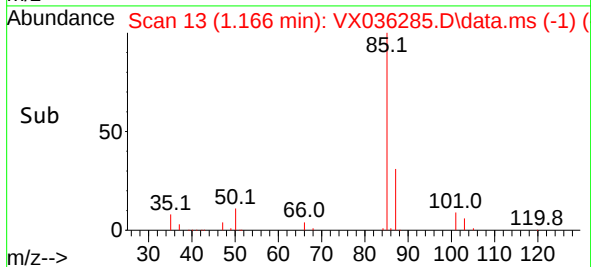
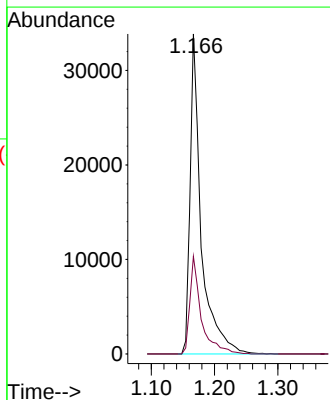
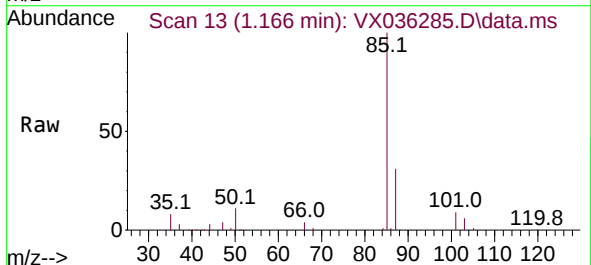
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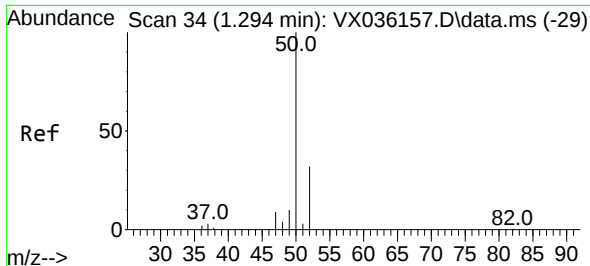
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#2
Dichlorodifluoromethane
Concen: 15.483 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

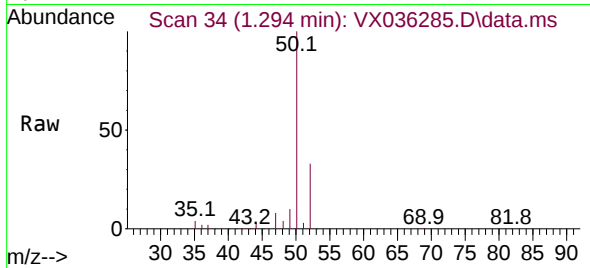
Tgt Ion: 85 Resp: 41491
Ion Ratio Lower Upper
85 100
87 30.5 16.7 50.1





#3
Chloromethane
Concen: 26.197 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

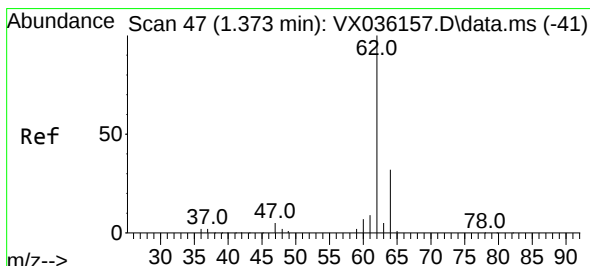
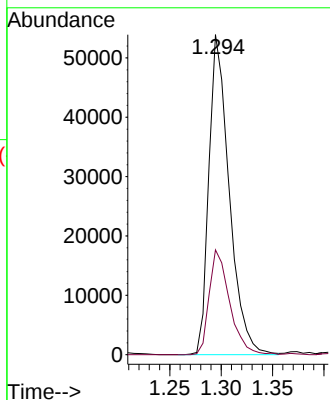
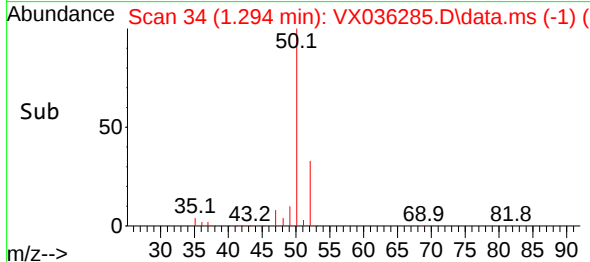
Instrument :
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Tgt Ion: 50 Resp: 74275
Ion Ratio Lower Upper
50 100
52 32.8 25.5 38.3

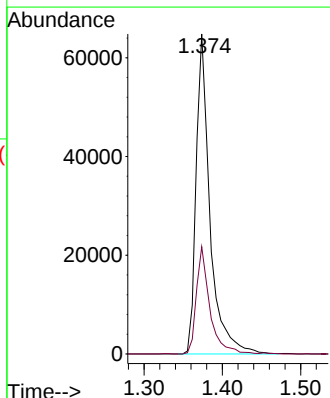
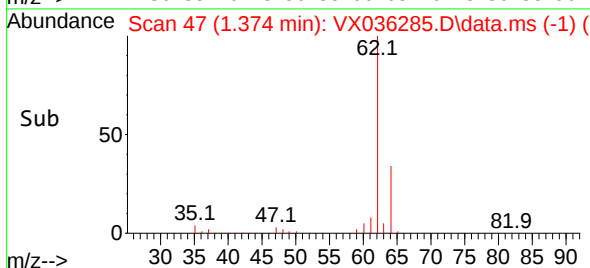
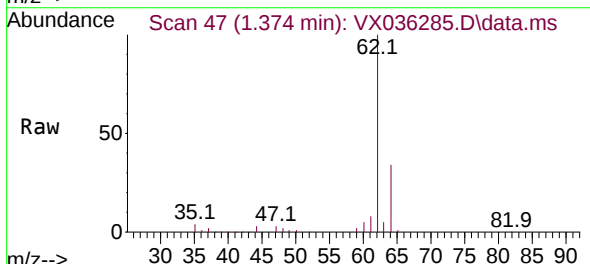
Manual Integrations
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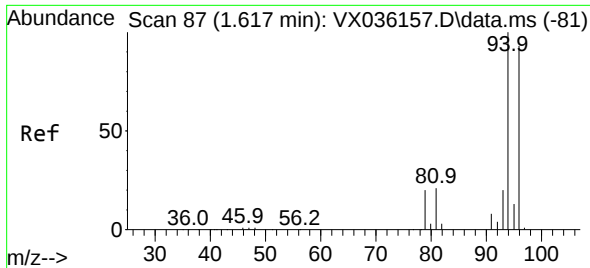
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#4
Vinyl Chloride
Concen: 29.565 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

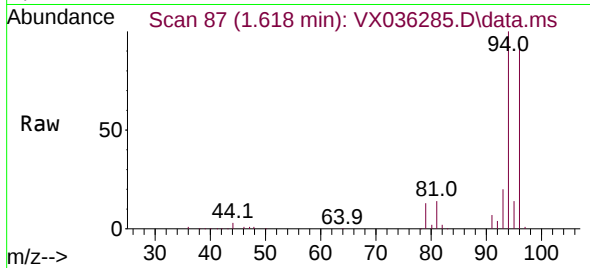
Tgt Ion: 62 Resp: 79855
Ion Ratio Lower Upper
62 100
64 33.5 25.4 38.0





#5
Bromomethane
Concen: 33.020 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.001 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

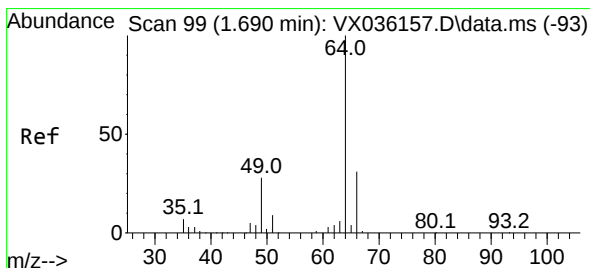
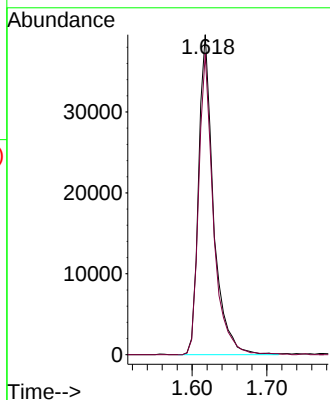
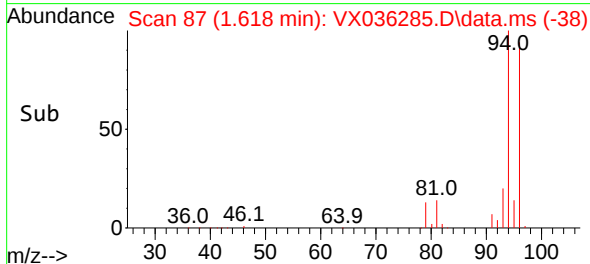
Instrument :
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Tgt Ion: 94 Resp: 54829
Ion Ratio Lower Upper
94 100
96 94.0 74.6 111.8

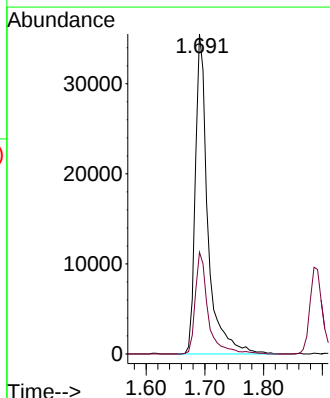
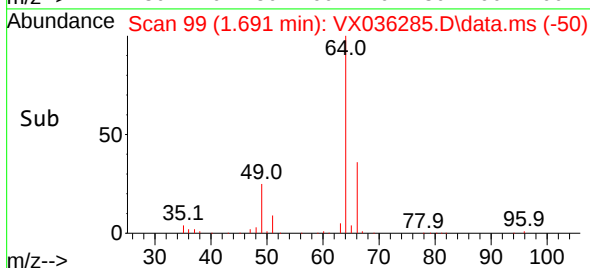
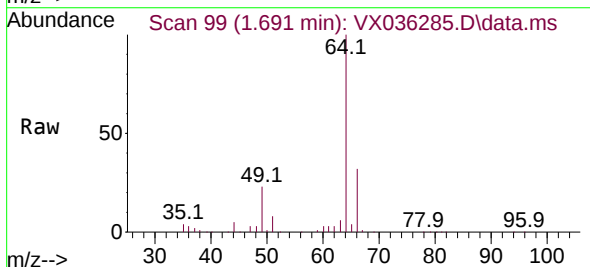
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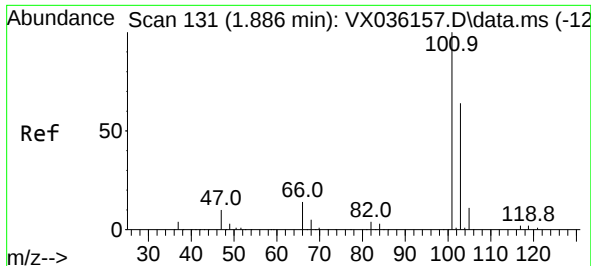
Reviewed By :John Carlone 06/24/2023
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#6
Chloroethane
Concen: 30.102 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.001 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

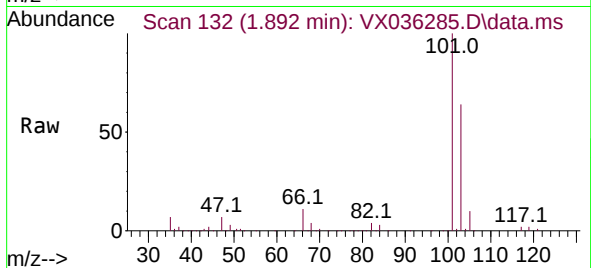
Tgt Ion: 64 Resp: 52609
Ion Ratio Lower Upper
64 100
66 31.8 25.1 37.7





#7
Trichlorofluoromethane
Concen: 26.633 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

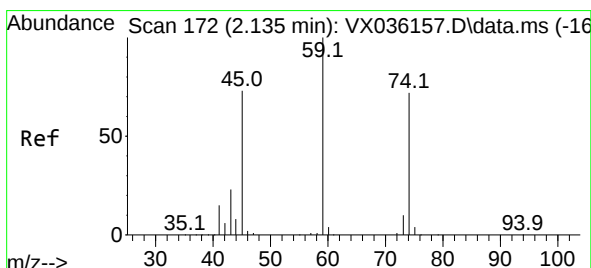
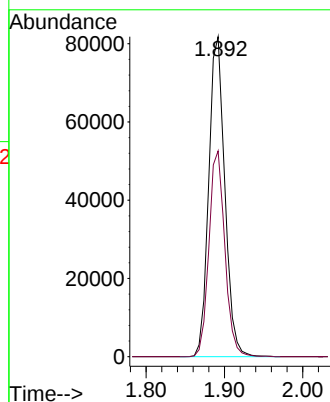
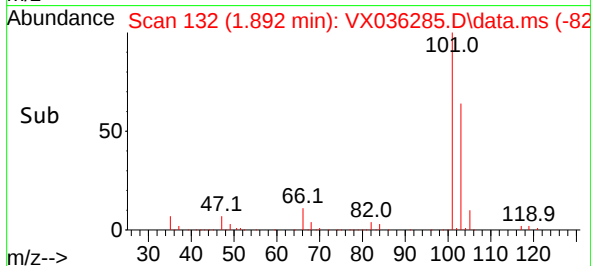
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:101 Resp: 11641
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2

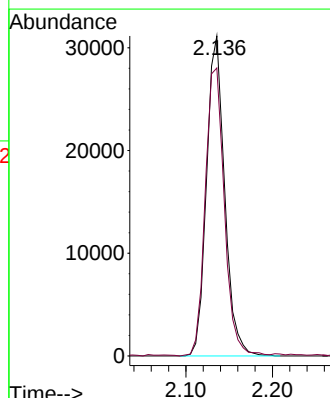
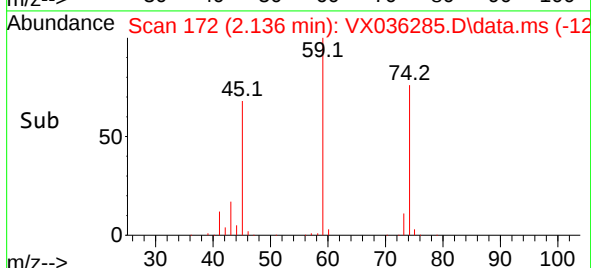
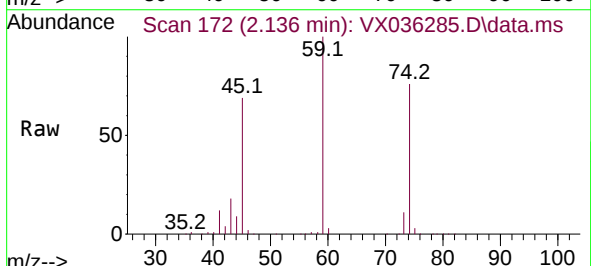
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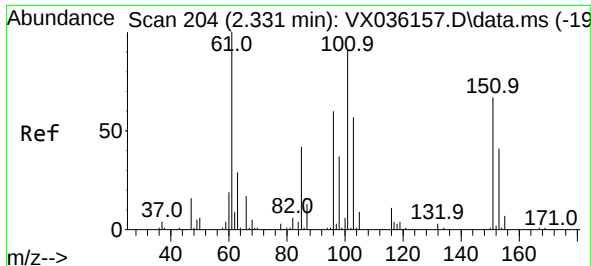
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#8
Diethyl Ether
Concen: 27.831 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.001 min
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Acq: 23 Jun 2023 11:14

Tgt Ion: 74 Resp: 45280
Ion Ratio Lower Upper
74 100
45 95.0 53.3 159.8





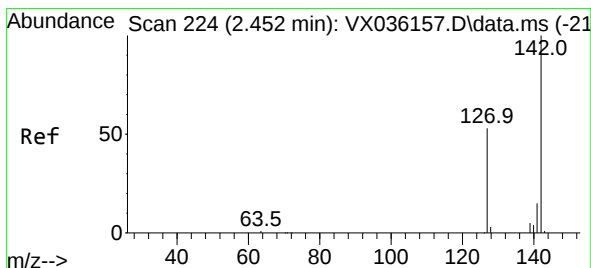
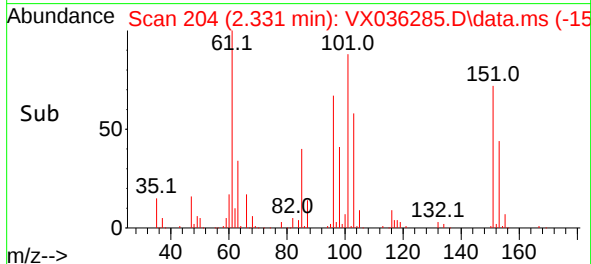
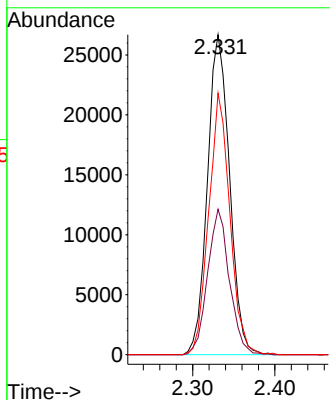
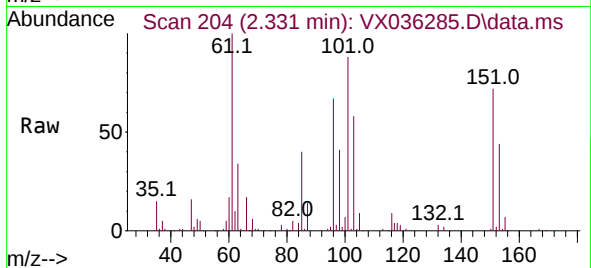
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.011 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 49884
Ion Ratio Lower Upper
101 100
85 44.8 37.0 55.6
151 78.2 58.6 87.8

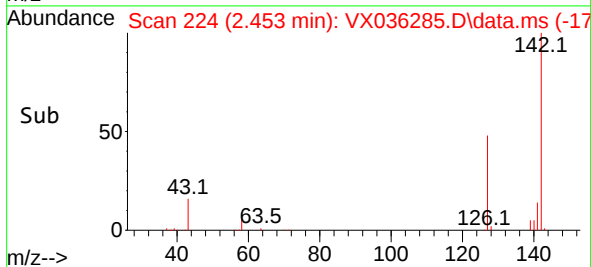
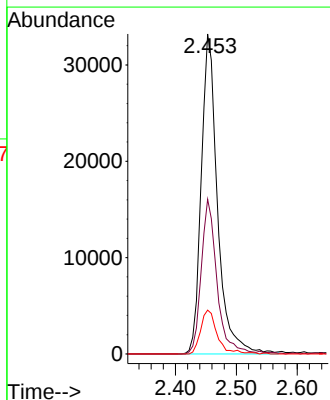
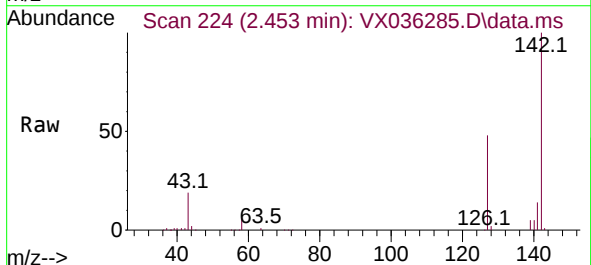
Manual Integrations
APPROVED

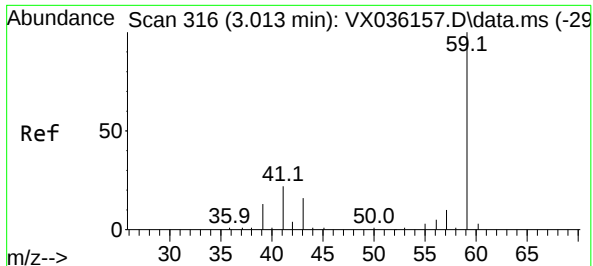
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#10
Methyl Iodide
Concen: 24.040 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

Tgt Ion:142 Resp: 61791
Ion Ratio Lower Upper
142 100
127 46.5 41.6 62.4
141 13.9 11.6 17.4





#11

Tert butyl alcohol

Concen: 93.726 ug/l

RT: 3.032 min Scan# 316

Delta R.T. 0.019 min

Lab File: VX036285.D

Acq: 23 Jun 2023 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 59 Resp: 5716

Ion Ratio Lower Upper

59 100

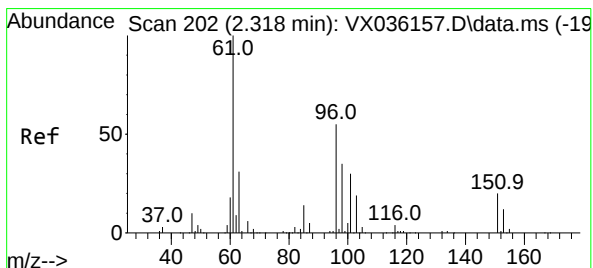
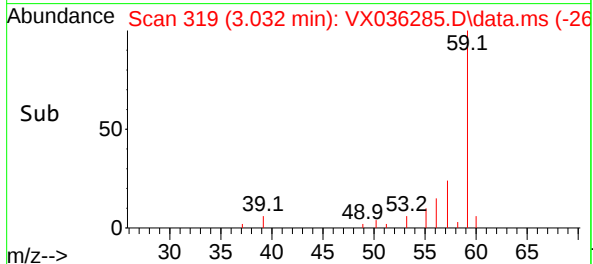
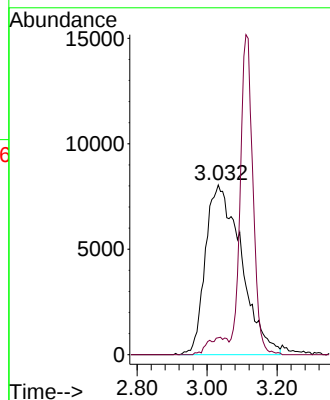
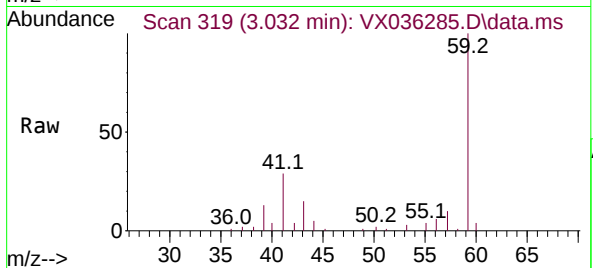
57 5.8 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#12

1,1-Dichloroethene

Concen: 20.791 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.007 min

Lab File: VX036285.D

Acq: 23 Jun 2023 11:14

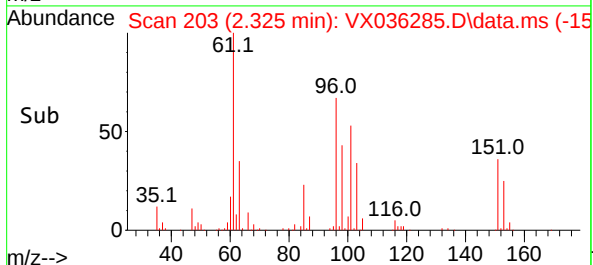
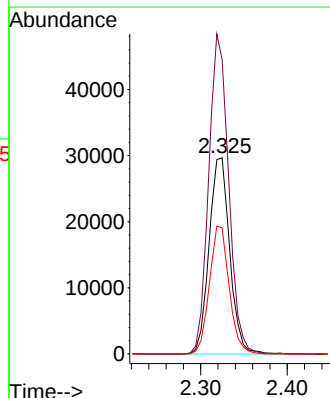
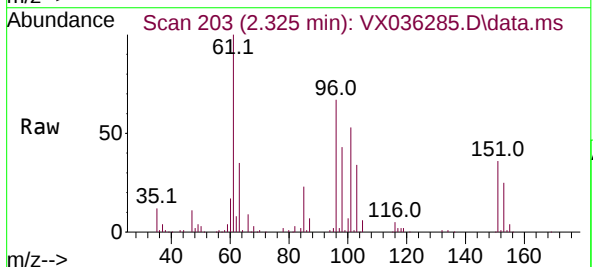
Tgt Ion: 96 Resp: 49008

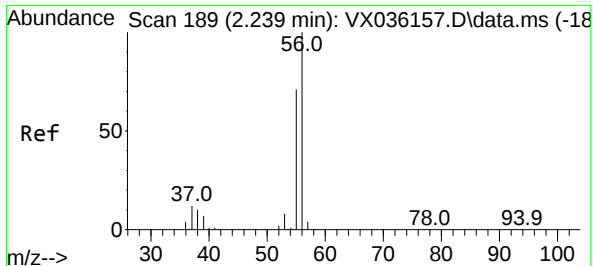
Ion Ratio Lower Upper

96 100

61 150.1 144.6 216.8

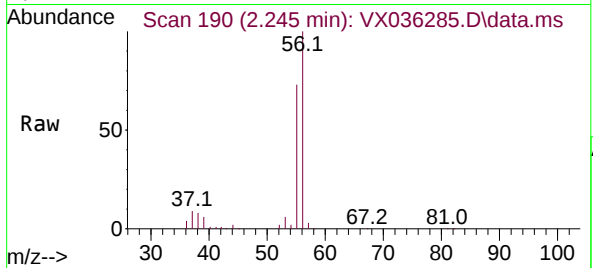
98 64.3 50.4 75.6





#13
Acrolein
Concen: 119.838 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

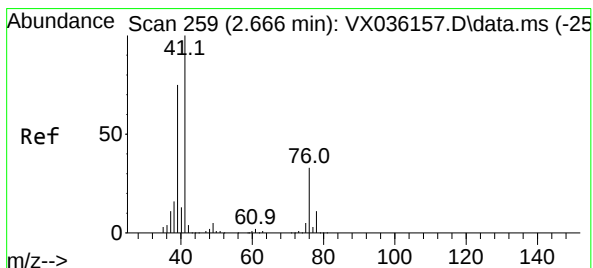
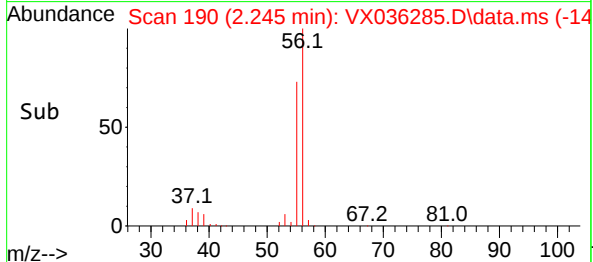
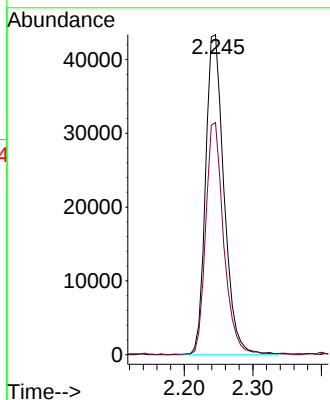
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 56 Resp: 81172
Ion Ratio Lower Upper
56 100
55 71.2 57.1 85.7

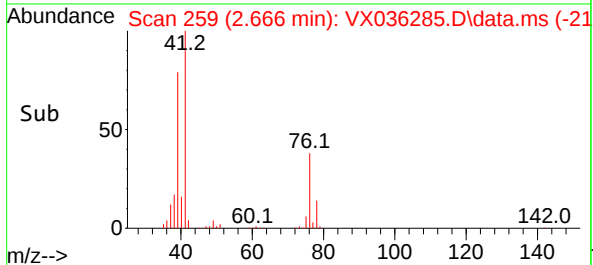
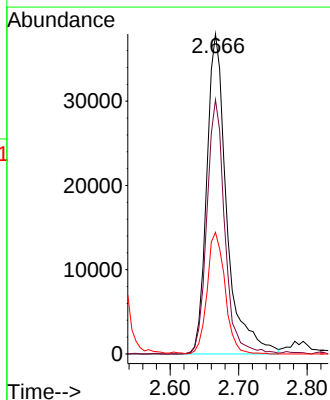
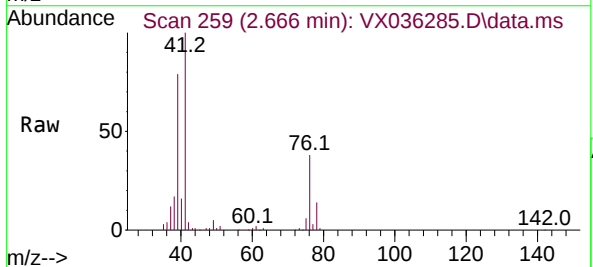
Manual Integrations
APPROVED

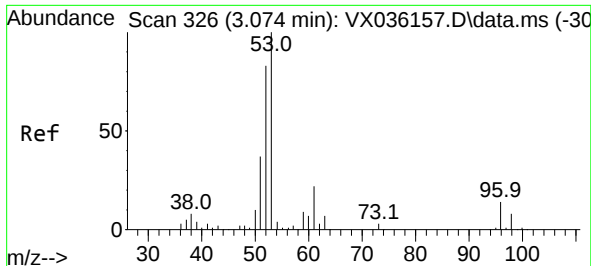
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#14
Allyl chloride
Concen: 16.212 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

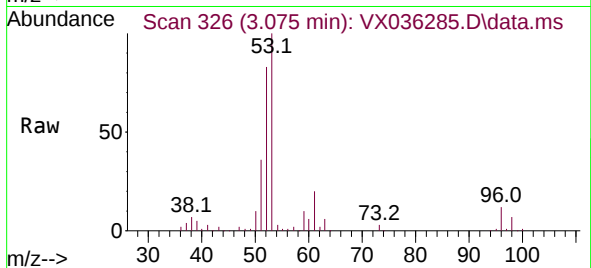
Tgt Ion: 41 Resp: 77322
Ion Ratio Lower Upper
41 100
39 71.0 55.8 83.6
76 34.0 24.3 36.5





#15
Acrylonitrile
Concen: 95.145 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

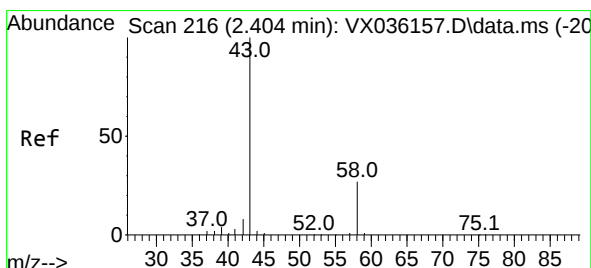
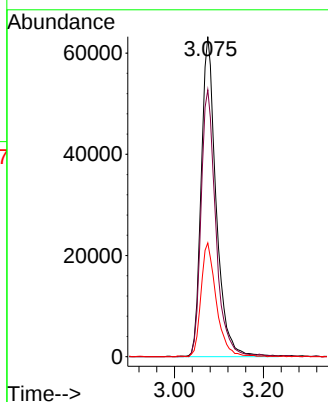
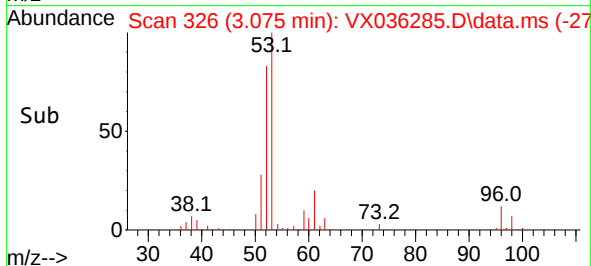
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



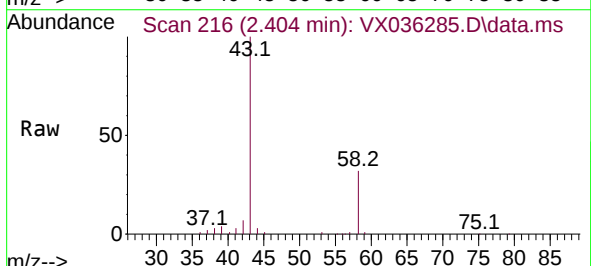
Tgt Ion: 53 Resp: 14845
Ion Ratio Lower Upper
53 100
52 82.2 66.0 99.0
51 36.4 29.8 44.6

Manual Integrations
APPROVED

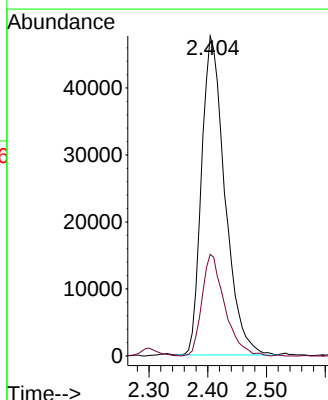
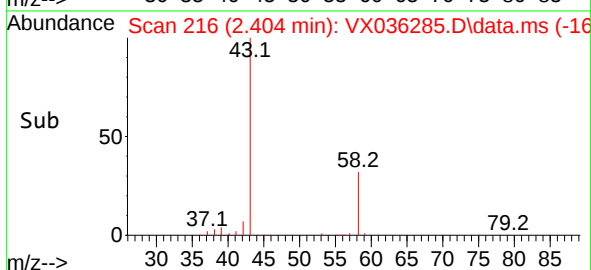
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

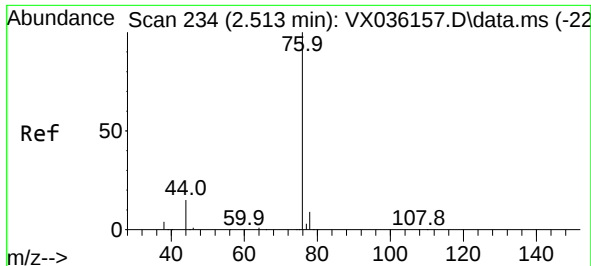


#16
Acetone
Concen: 79.441 ug/l
RT: 2.404 min Scan# 216
Delta R.T. -0.000 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14



Tgt Ion: 43 Resp: 131680
Ion Ratio Lower Upper
43 100
58 31.7 21.9 32.9





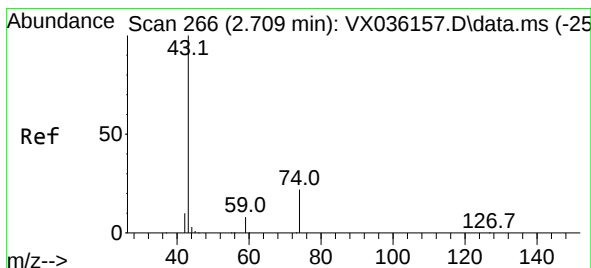
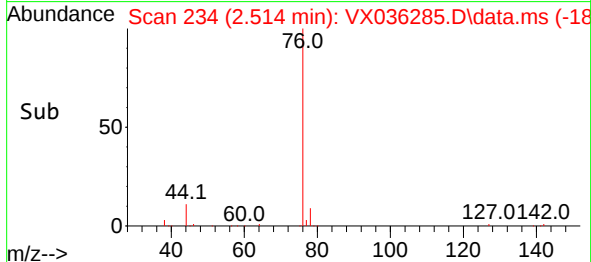
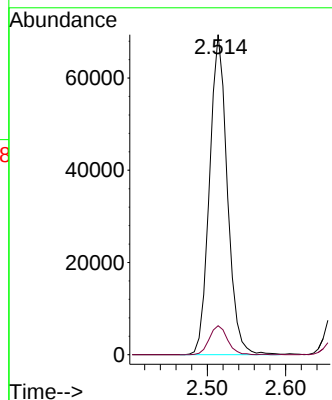
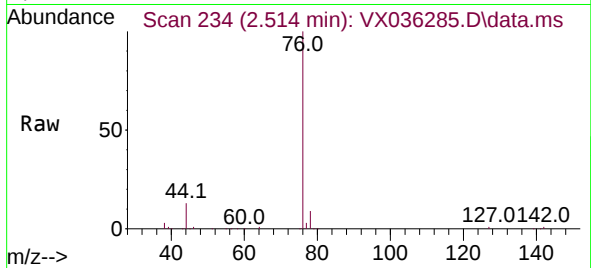
#17
Carbon Disulfide
Concen: 18.798 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 76 Resp: 10952
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

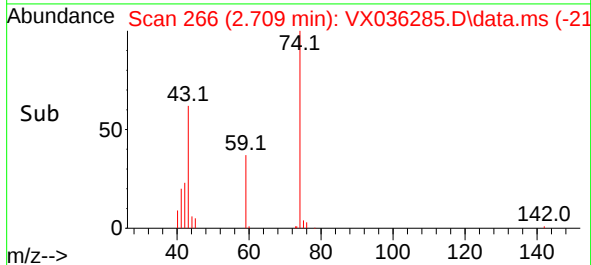
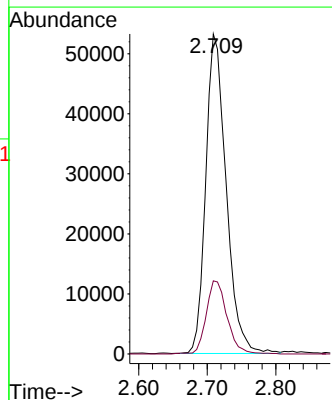
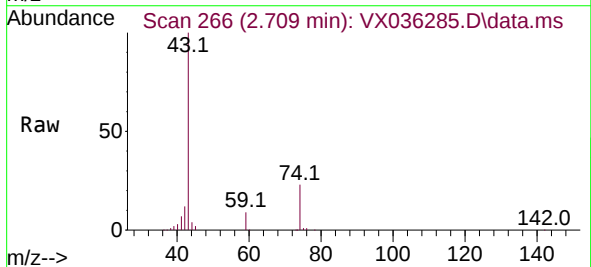
Manual Integrations
APPROVED

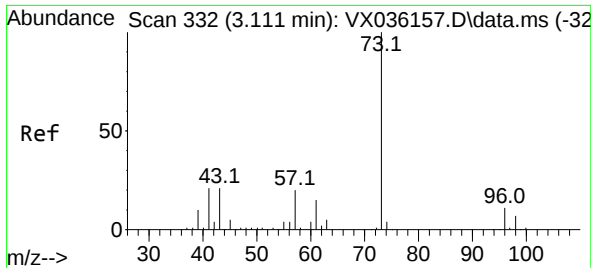
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#18
Methyl Acetate
Concen: 17.540 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

Tgt Ion: 43 Resp: 110269
Ion Ratio Lower Upper
43 100
74 23.4 17.8 26.8





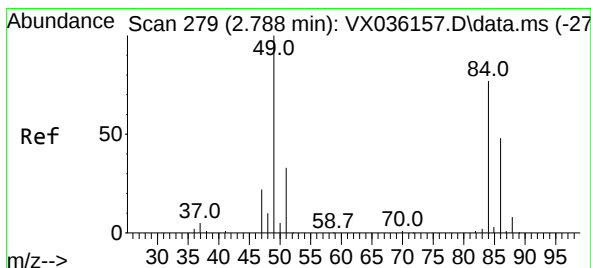
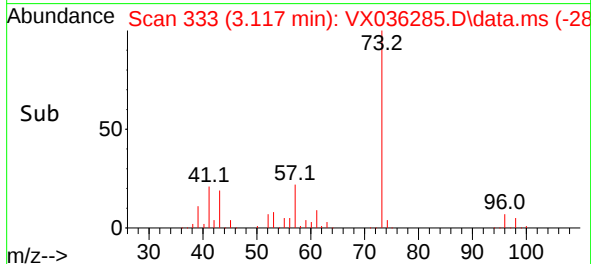
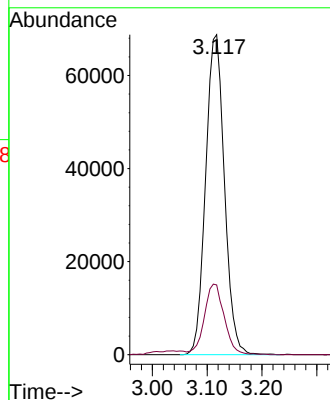
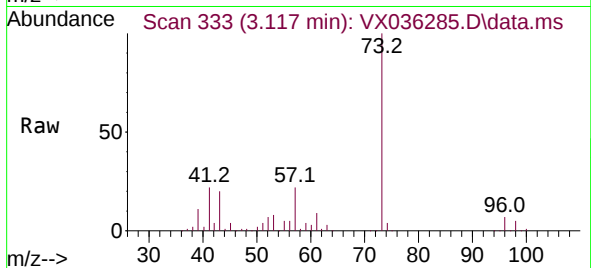
#19
Methyl tert-butyl Ether
Concen: 17.694 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 16327
Ion Ratio Lower Upper
73 100
57 21.8 17.3 25.9

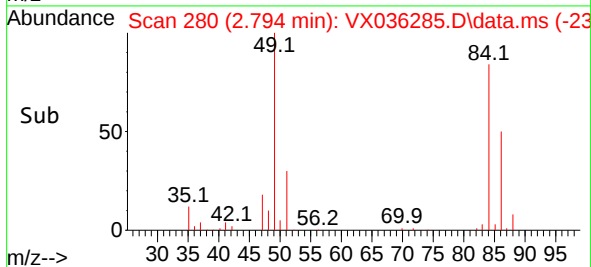
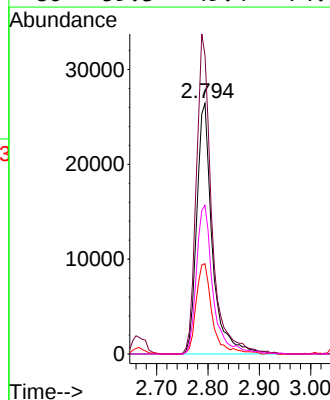
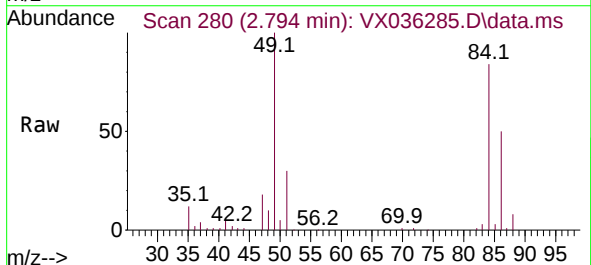
Manual Integrations
APPROVED

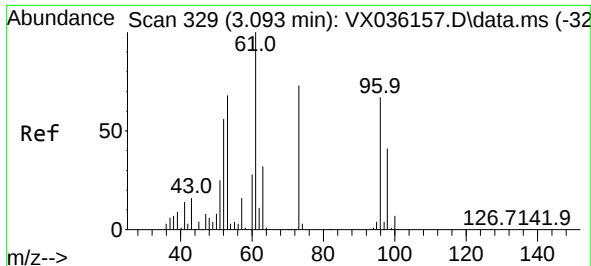
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#20
Methylene Chloride
Concen: 18.599 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

Tgt Ion: 84 Resp: 55857
Ion Ratio Lower Upper
84 100
49 119.1 103.6 155.4
51 36.0 33.8 50.6
86 59.3 49.4 74.0





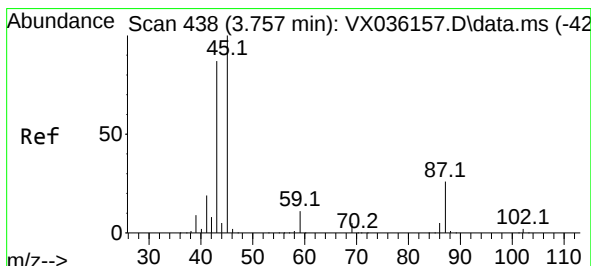
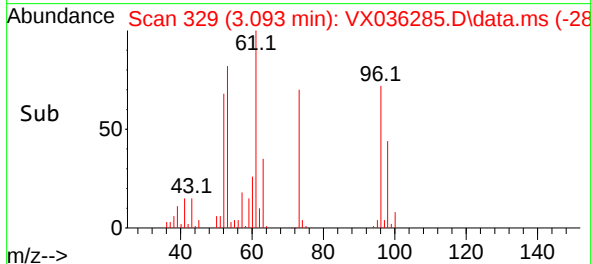
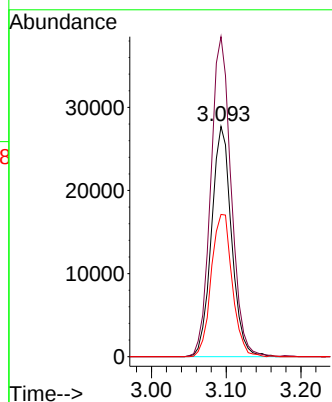
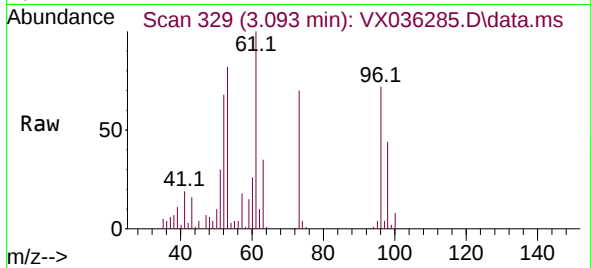
#21
trans-1,2-Dichloroethene
Concen: 19.758 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 96 Resp: 51749
Ion Ratio Lower Upper
96 100
61 139.0 119.2 178.8
98 61.8 48.7 73.1

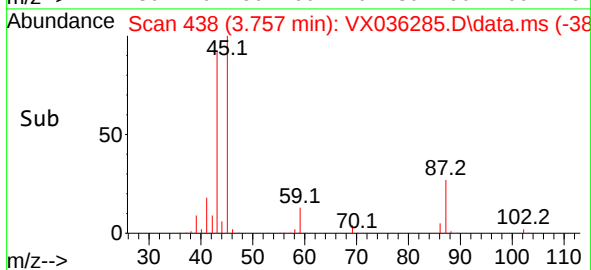
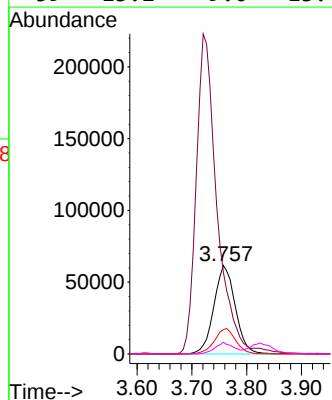
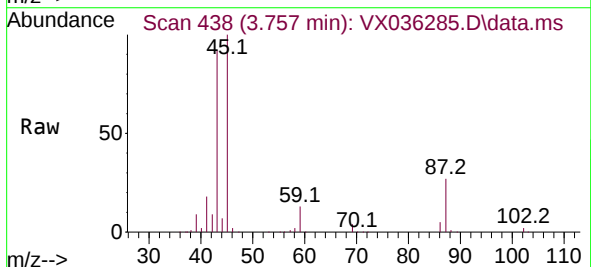
Manual Integrations
APPROVED

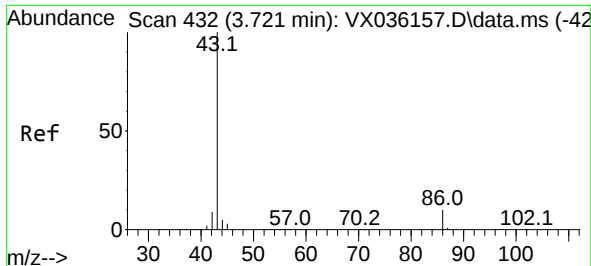
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#22
Diisopropyl ether
Concen: 17.529 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

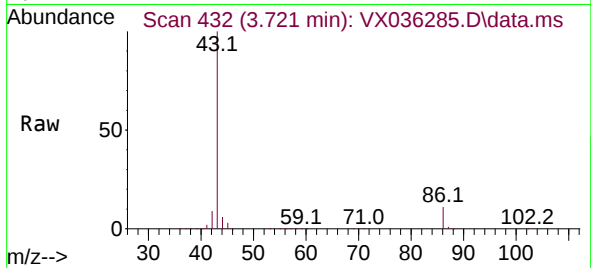
Tgt Ion: 45 Resp: 166369
Ion Ratio Lower Upper
45 100
43 91.0 69.7 104.5
87 27.5 20.8 31.2
59 13.2 9.0 13.4





#23
 Vinyl Acetate
 Concen: 88.025 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX036285.D
 Acq: 23 Jun 2023 11:14

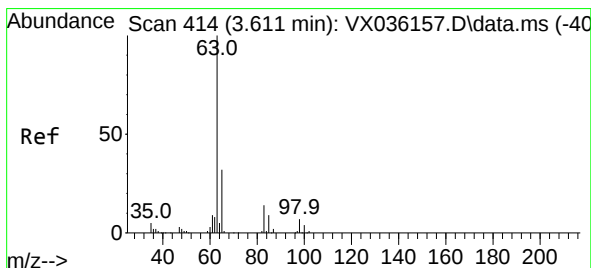
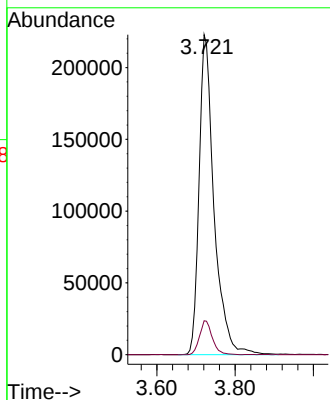
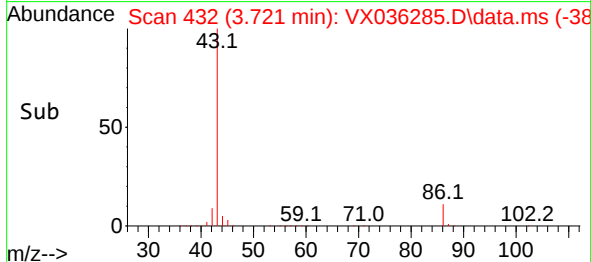
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020



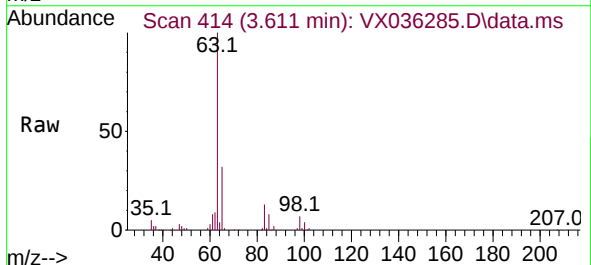
Tgt Ion: 43 Resp: 592124
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.8 11.8

Manual Integrations
 APPROVED

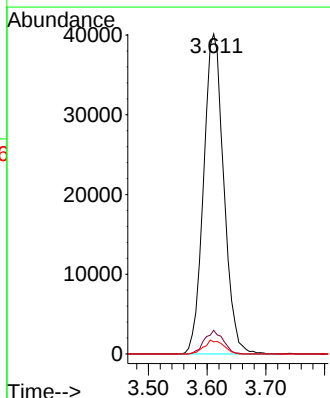
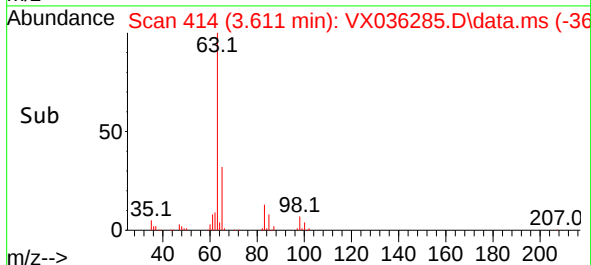
Reviewed By :John Carlone 06/24/2023
 Supervised By :Mahesh Dadoda 06/26/2023

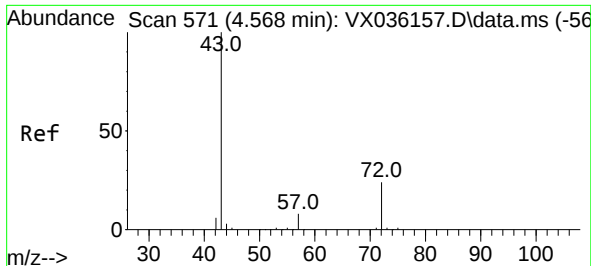


#24
 1,1-Dichloroethane
 Concen: 18.272 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX036285.D
 Acq: 23 Jun 2023 11:14



Tgt Ion: 63 Resp: 95814
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.3 9.8
 100 3.8 2.1 6.5





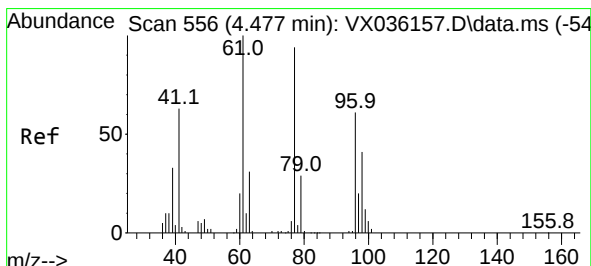
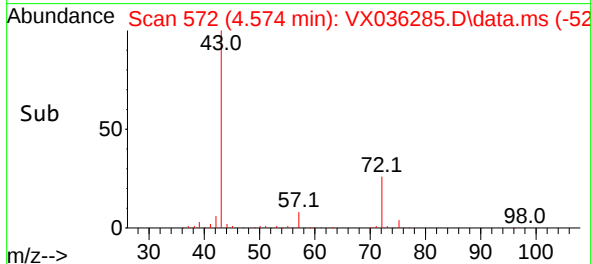
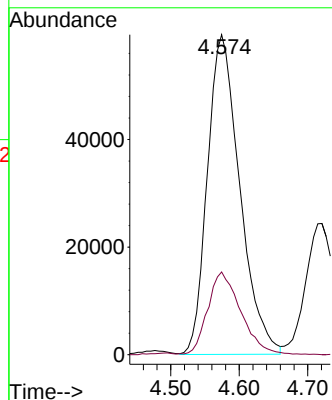
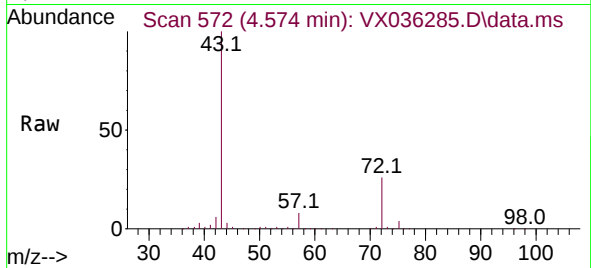
#25
2-Butanone
Concen: 84.035 ug/l
RT: 4.574 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 195010
Ion Ratio Lower Upper
43 100
72 25.6 19.4 29.2

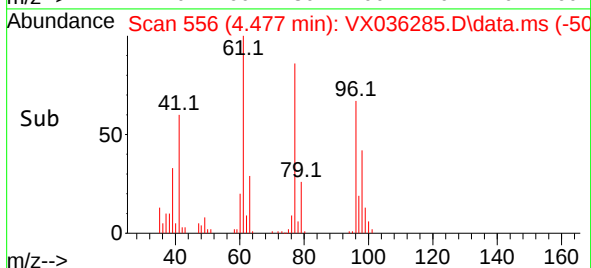
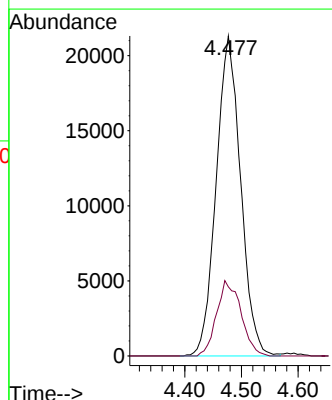
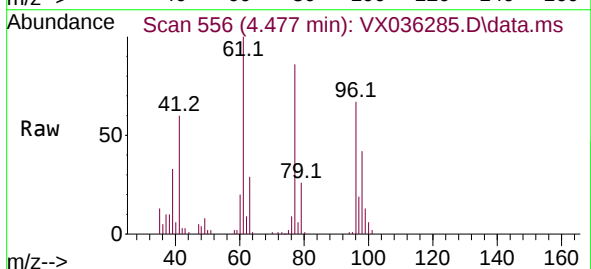
Manual Integrations
APPROVED

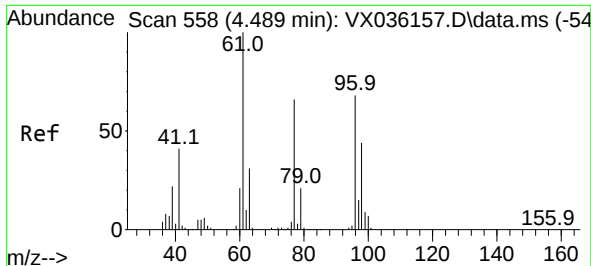
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#26
2,2-Dichloropropane
Concen: 15.620 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

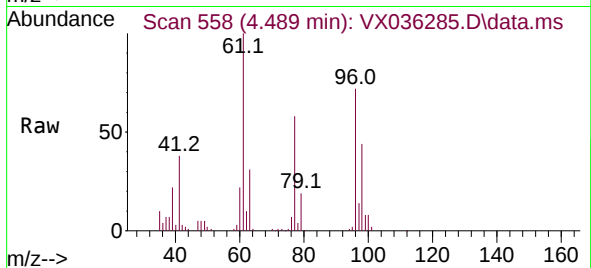
Tgt Ion: 77 Resp: 63697
Ion Ratio Lower Upper
77 100
97 23.5 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 19.774 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

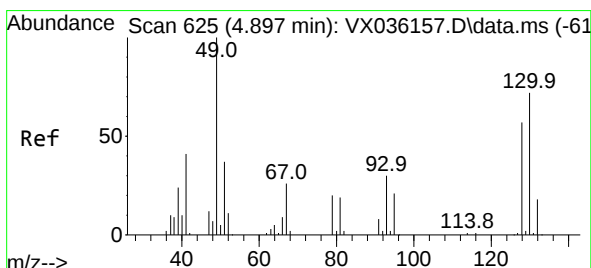
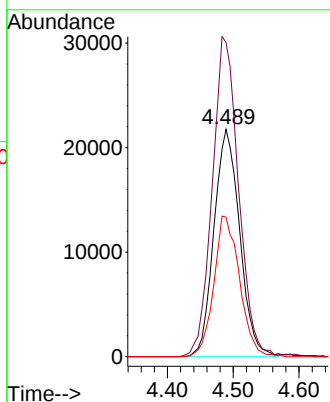
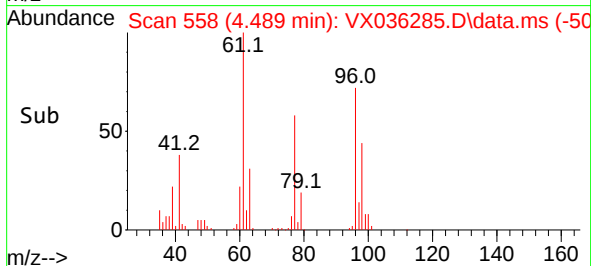
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 59220
Ion Ratio Lower Upper
96 100
61 144.4 0.0 312.2
98 61.7 0.0 129.0

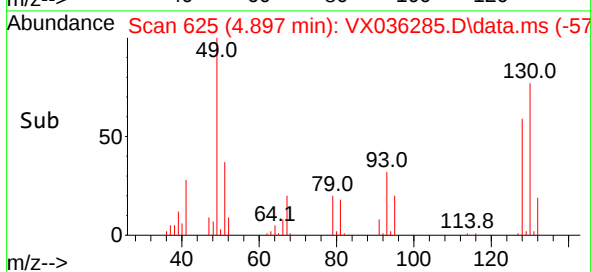
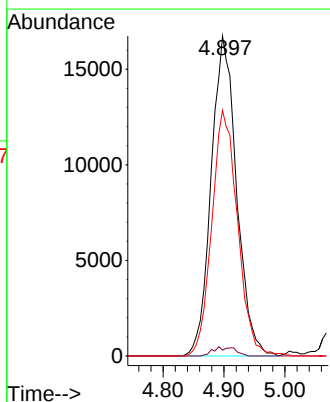
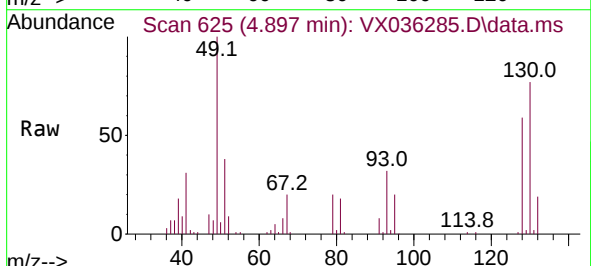
Manual Integrations
APPROVED

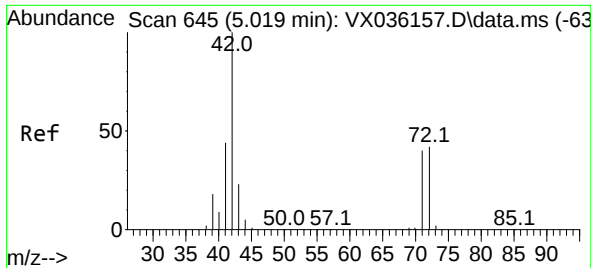
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#28
Bromochloromethane
Concen: 17.734 ug/l
RT: 4.897 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

Tgt Ion: 49 Resp: 48478
Ion Ratio Lower Upper
49 100
129 1.2 0.0 3.8
130 77.7 57.5 86.3





#29

Tetrahydrofuran

Concen: 82.526 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.000 min

Lab File: VX036285.D

Acq: 23 Jun 2023 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 121628

Ion Ratio Lower Upper

42 100

72 47.6 34.2 51.4

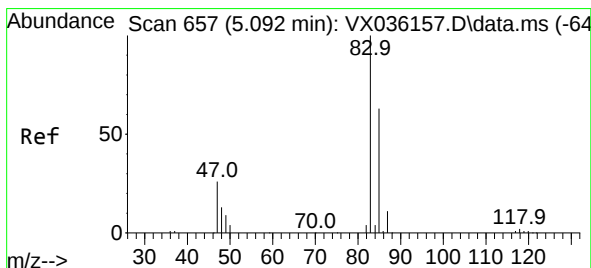
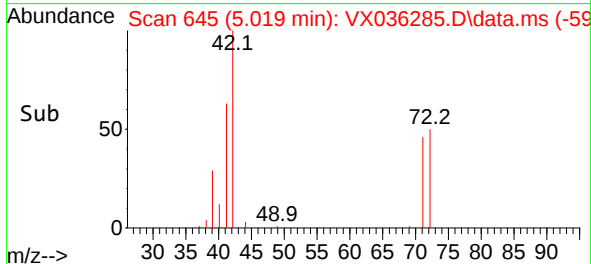
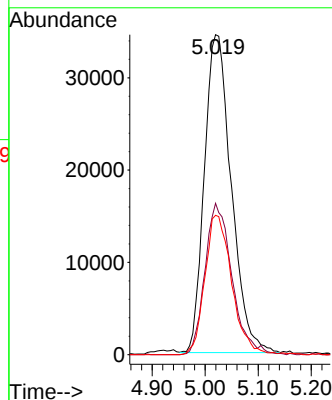
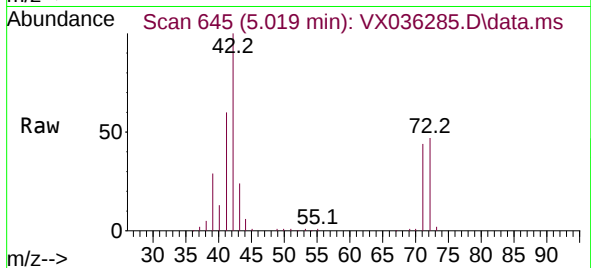
71 44.0 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#30

Chloroform

Concen: 17.477 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.001 min

Lab File: VX036285.D

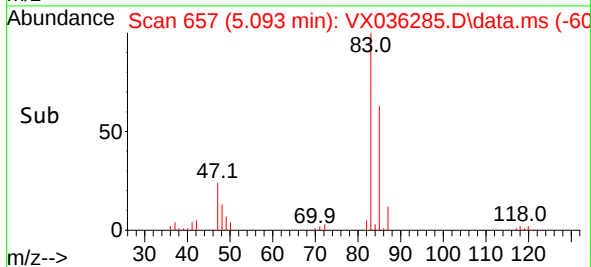
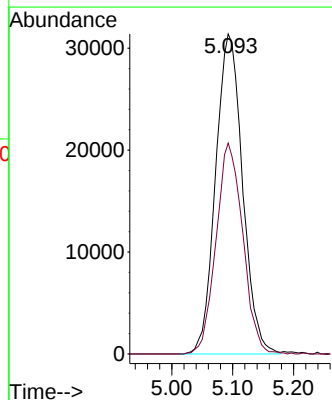
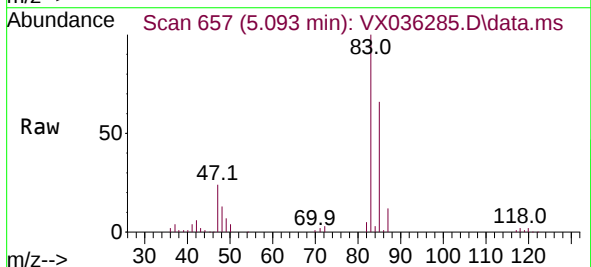
Acq: 23 Jun 2023 11:14

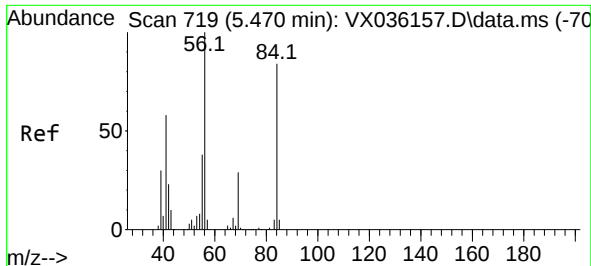
Tgt Ion: 83 Resp: 96523

Ion Ratio Lower Upper

83 100

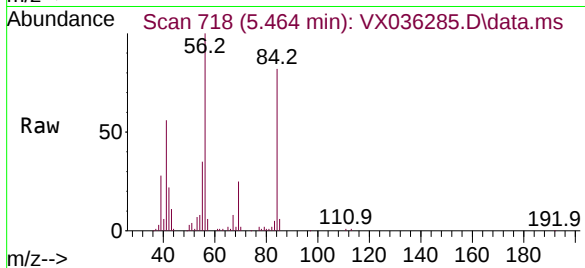
85 65.9 50.3 75.5





#31
Cyclohexane
Concen: 18.893 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

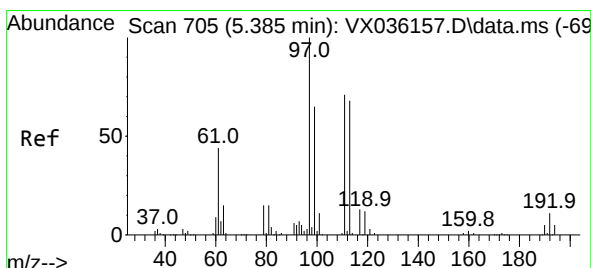
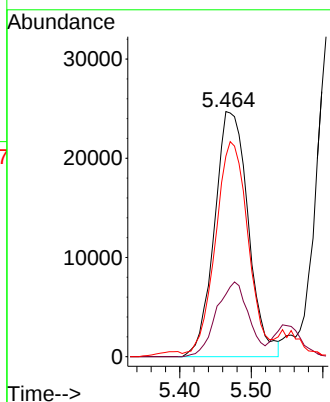
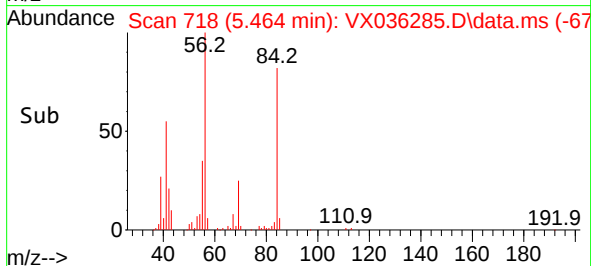
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 56 Resp: 80860
Ion Ratio Lower Upper
56 100
69 25.5 23.4 35.2
84 79.8 65.9 98.9

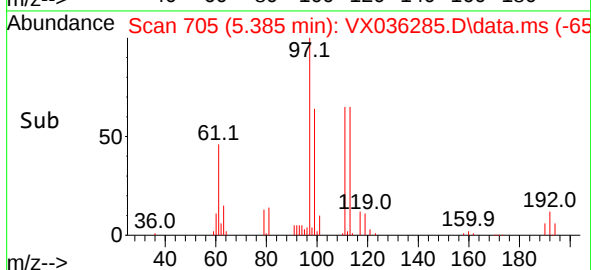
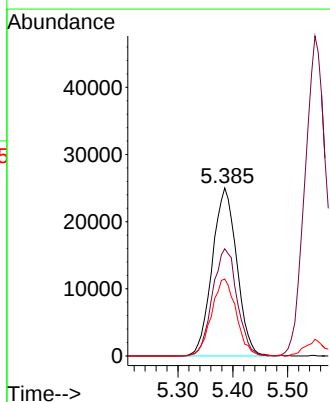
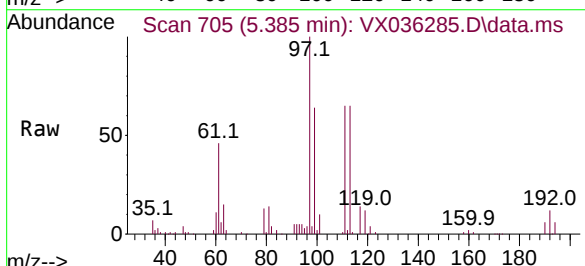
Manual Integrations
APPROVED

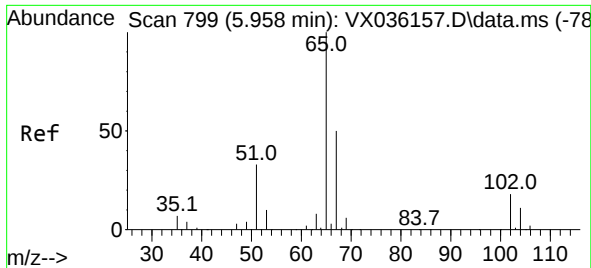
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#32
1,1,1-Trichloroethane
Concen: 16.621 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

Tgt Ion: 97 Resp: 77824
Ion Ratio Lower Upper
97 100
99 64.0 51.1 76.7
61 46.0 36.4 54.6





#33
 1,2-Dichloroethane-d4
 Concen: 15.065 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX036285.D
 Acq: 23 Jun 2023 11:14

Instrument :

MSVOA_X

ClientSampleId :

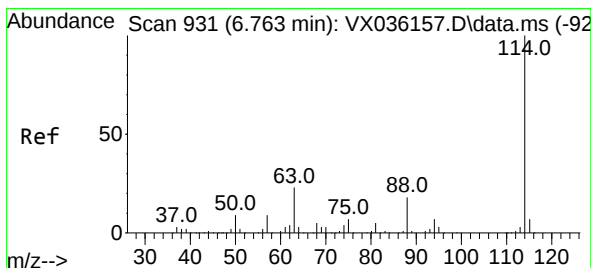
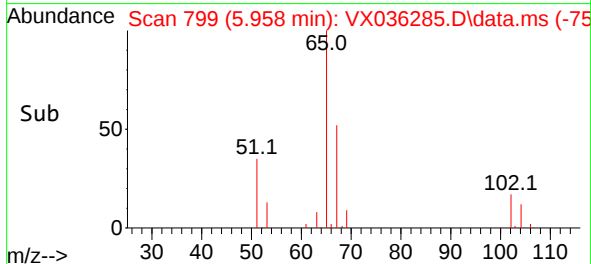
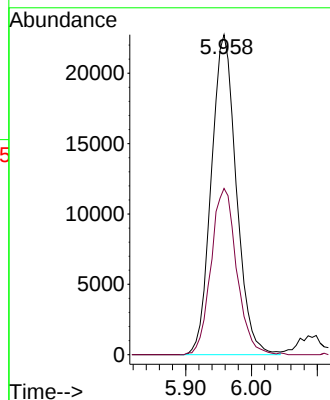
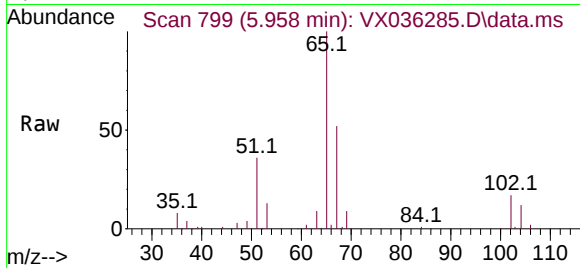
VSTDIC020

Tgt Ion: 65 Resp: 60100
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 100.2

Manual Integrations

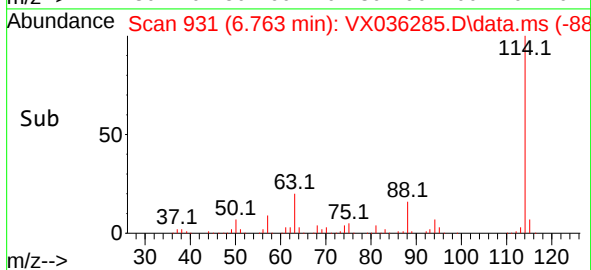
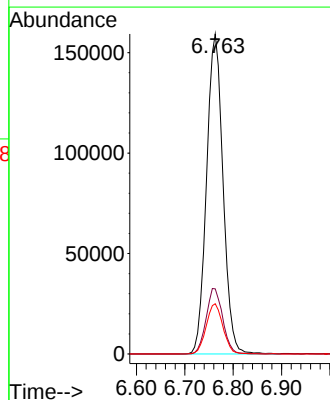
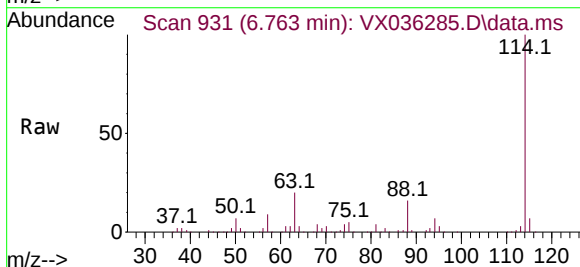
APPROVED

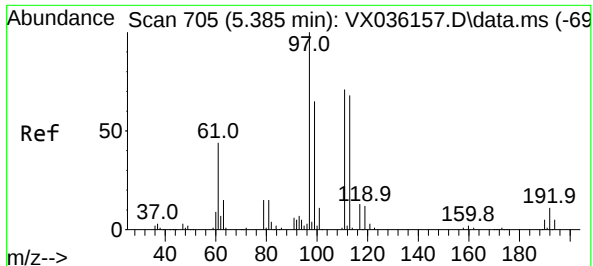
Reviewed By :John Carlone 06/24/2023
 Supervised By :Mahesh Dadoda 06/26/2023



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX036285.D
 Acq: 23 Jun 2023 11:14

Tgt Ion:114 Resp: 377153
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 45.0
 88 15.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 18.677 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX036285.D

Acq: 23 Jun 2023 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:113 Resp: 4776

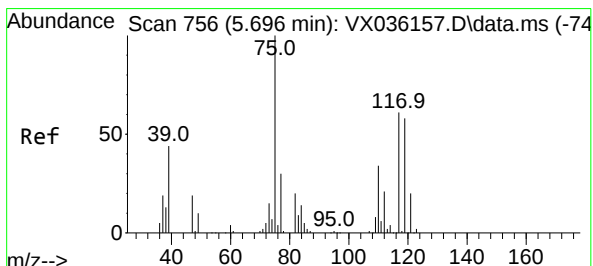
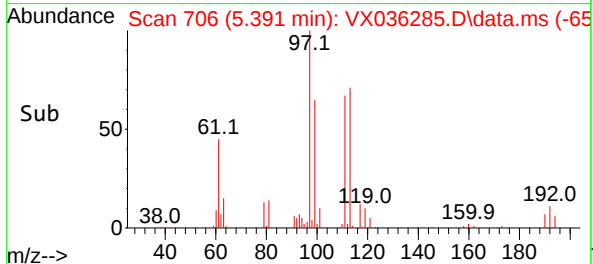
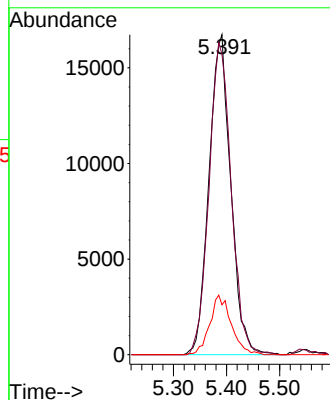
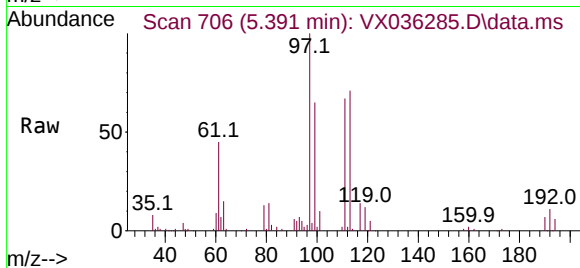
Ion	Ratio	Lower	Upper
113	100		
111	99.3	82.9	124.3
192	18.3	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#36

1,1-Dichloropropene

Concen: 18.592 ug/l

RT: 5.696 min Scan# 756

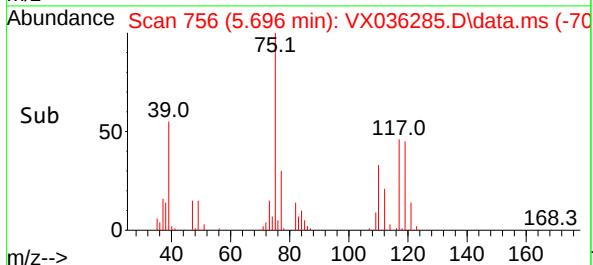
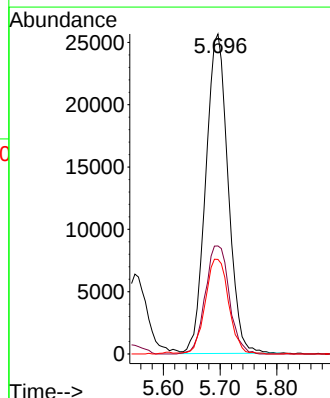
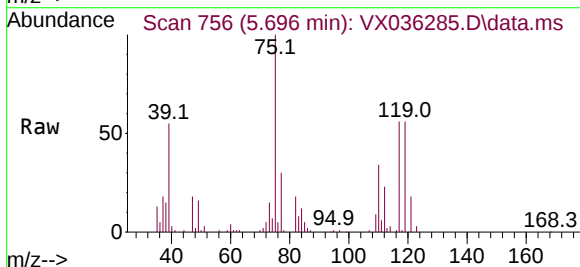
Delta R.T. 0.000 min

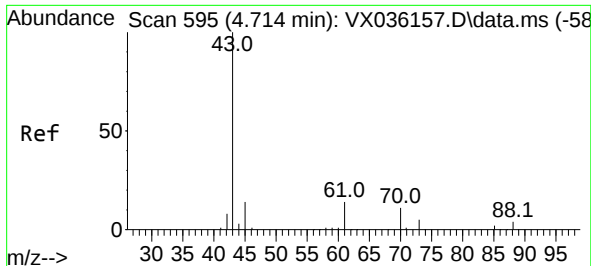
Lab File: VX036285.D

Acq: 23 Jun 2023 11:14

Tgt Ion: 75 Resp: 70044

Ion	Ratio	Lower	Upper
75	100		
110	36.3	17.0	50.9
77	31.2	24.7	37.1





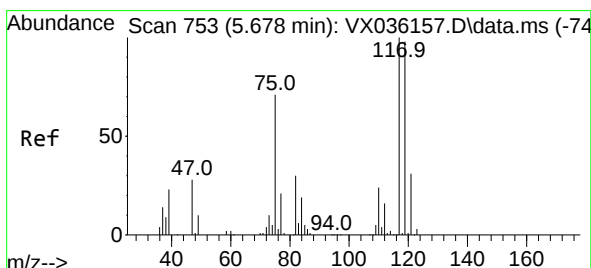
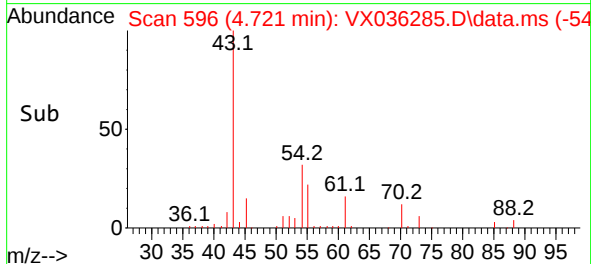
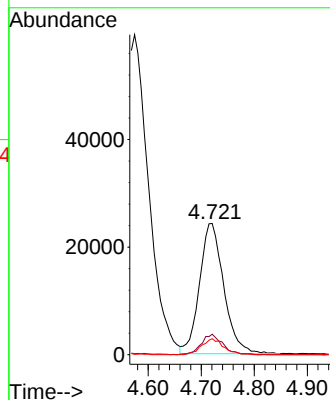
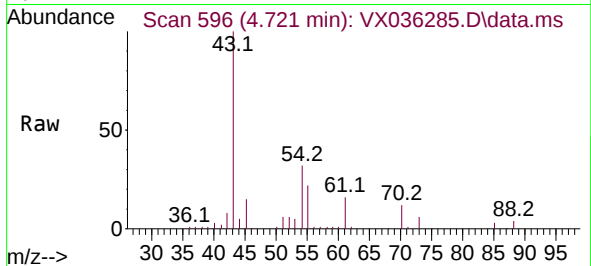
#37
Ethyl Acetate
Concen: 17.492 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.007 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 7677
Ion Ratio Lower Upper
43 100
61 14.0 10.6 16.0
70 11.1 8.3 12.5

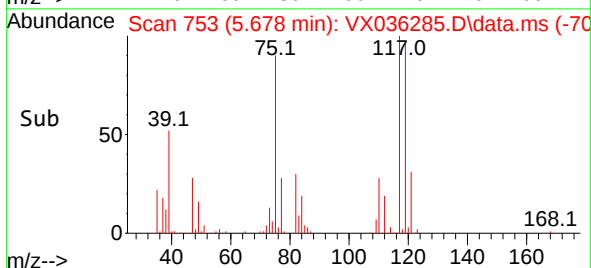
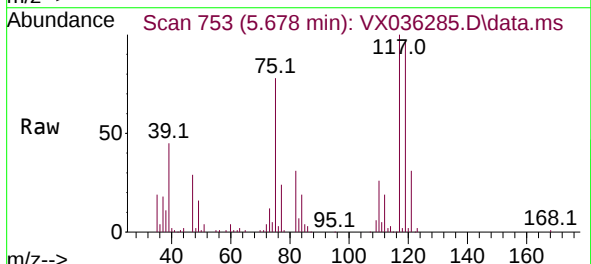
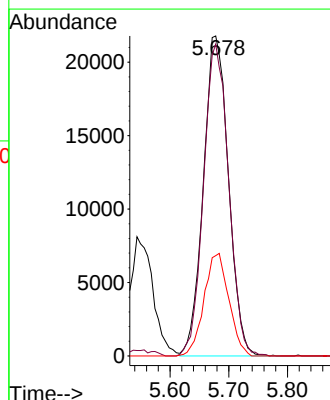
Manual Integrations
APPROVED

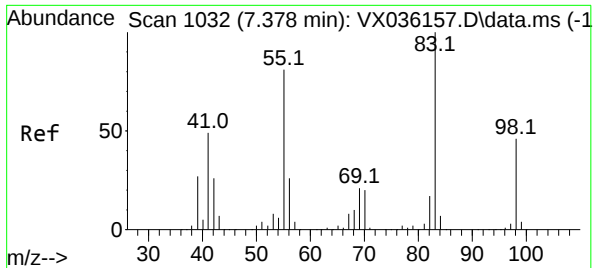
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#38
Carbon Tetrachloride
Concen: 17.695 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

Tgt Ion:117 Resp: 64803
Ion Ratio Lower Upper
117 100
119 97.4 78.2 117.2
121 31.3 24.4 36.6





#39
Methylcyclohexane
Concen: 21.169 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.001 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

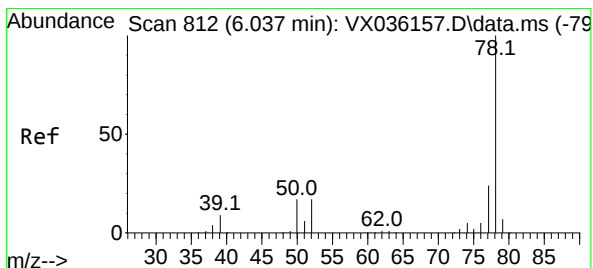
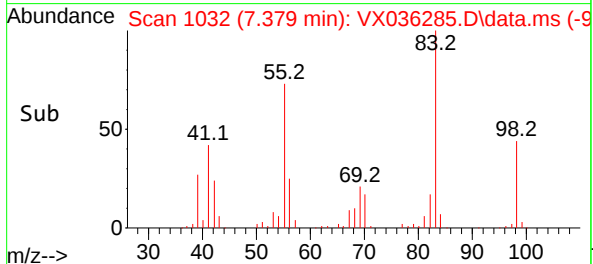
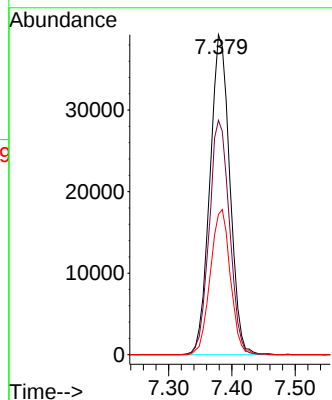
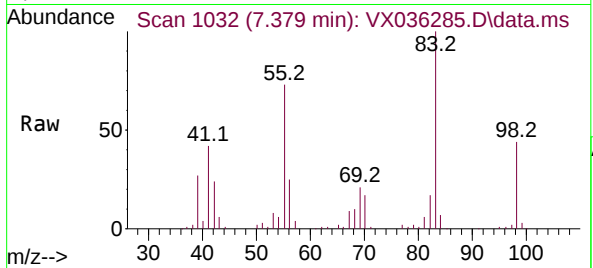
Tgt Ion: 83 Resp: 8589
Ion Ratio Lower Upper
83 100
55 73.3 64.6 97.0
98 43.9 36.7 55.1

Manual Integrations

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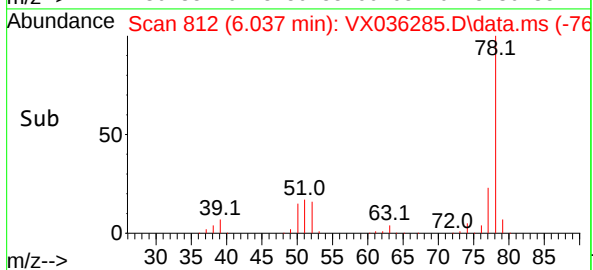
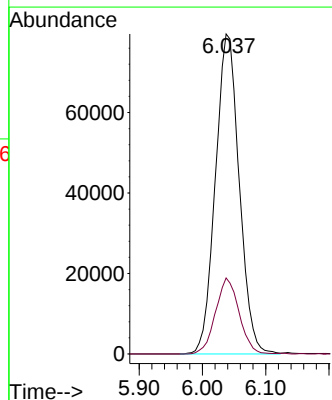
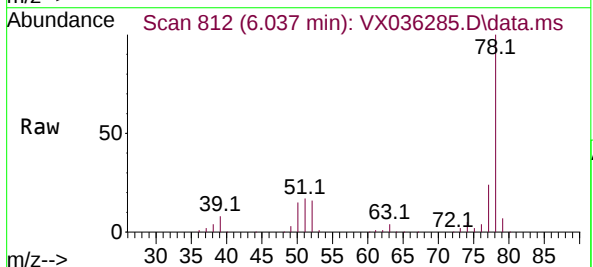
Reviewed By :John Carlone 06/24/2023

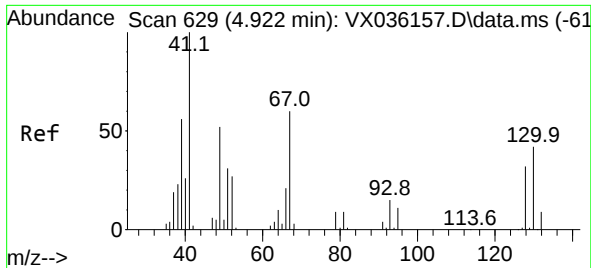
Supervised By :Mahesh Dadoda 06/26/2023



#40
Benzene
Concen: 19.605 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

Tgt Ion: 78 Resp: 207702
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9





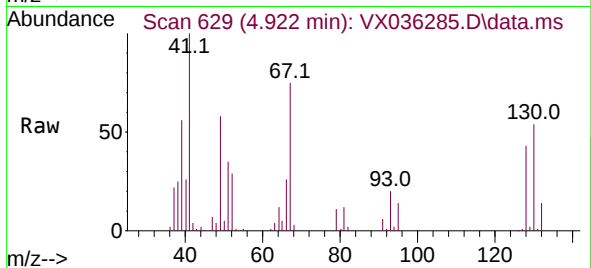
#41
Methacrylonitrile
Concen: 17.474 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020



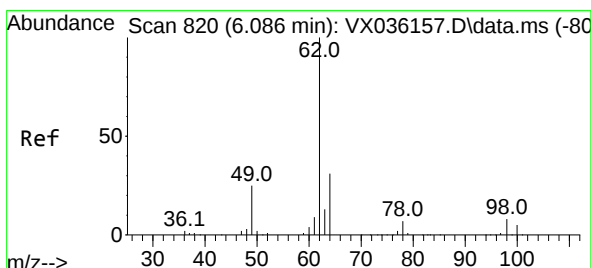
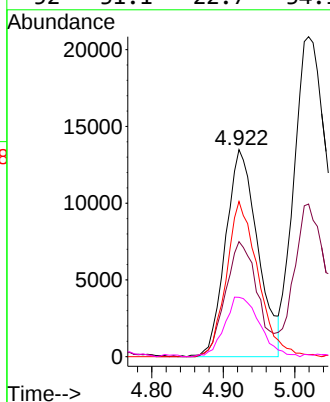
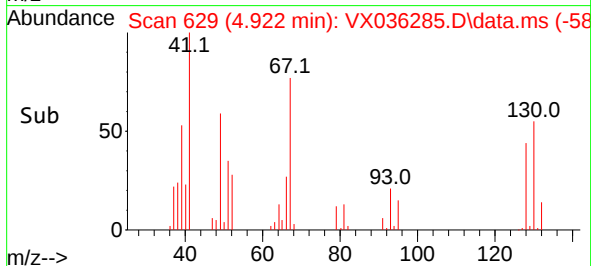
Tgt Ion: 41 Resp: 4228
Ion Ratio Lower Upper
41 100
39 55.0 45.2 67.8
67 73.5 52.6 78.8
52 31.1 22.7 34.1

Manual Integrations

APPROVED

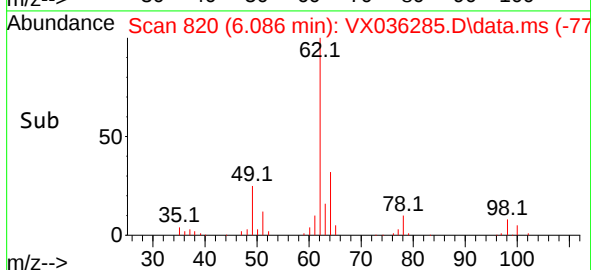
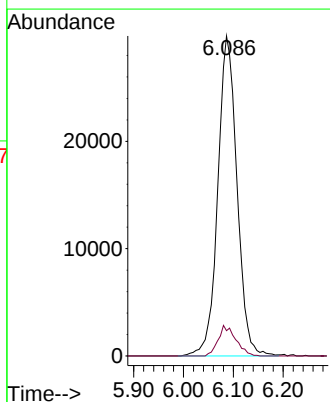
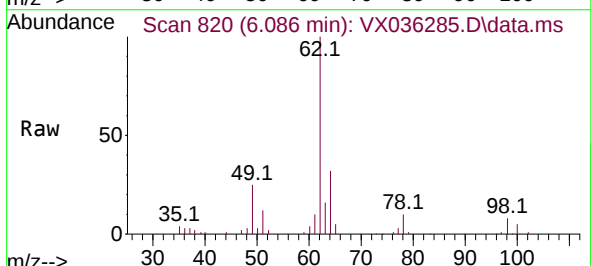
Reviewed By :John Carlone 06/24/2023

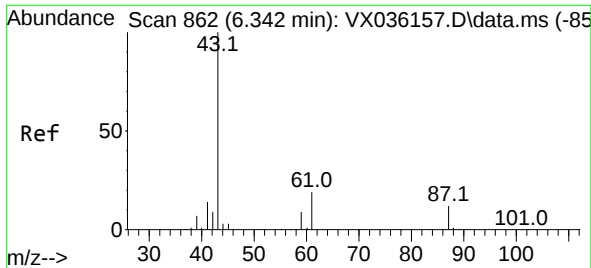
Supervised By :Mahesh Dadoda 06/26/2023



#42
1,2-Dichloroethane
Concen: 16.722 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

Tgt Ion: 62 Resp: 79810
Ion Ratio Lower Upper
62 100
98 8.8 0.0 16.0





#43

Isopropyl Acetate

Concen: 17.584 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX036285.D

Acq: 23 Jun 2023 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

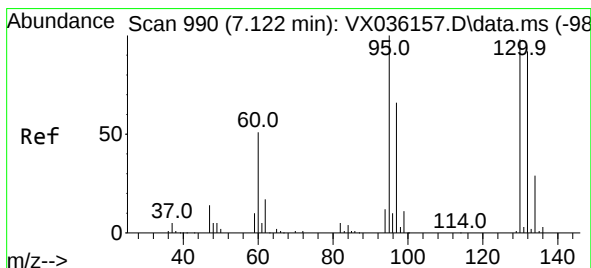
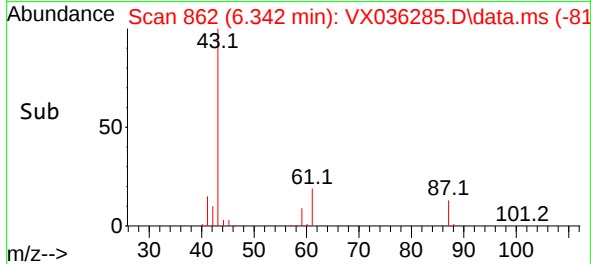
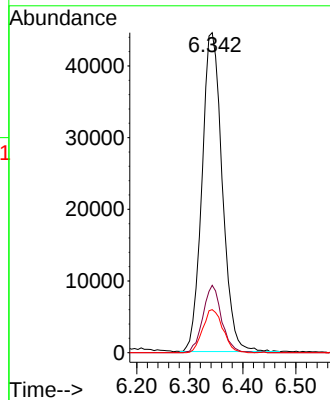
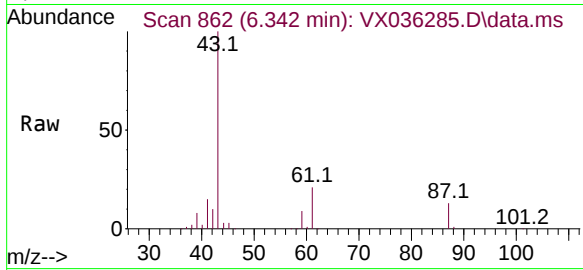
Tgt Ion: 43	Resp: 118120
Ion Ratio	Lower Upper
43	100
61	19.5 15.2 22.8
87	13.4 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#44

Trichloroethene

Concen: 21.142 ug/l

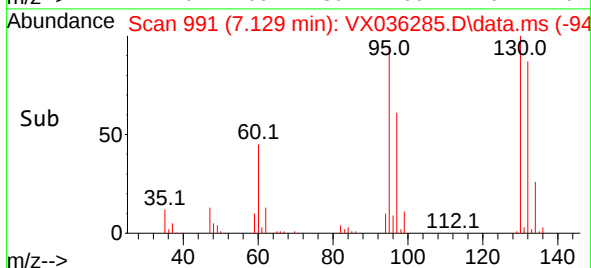
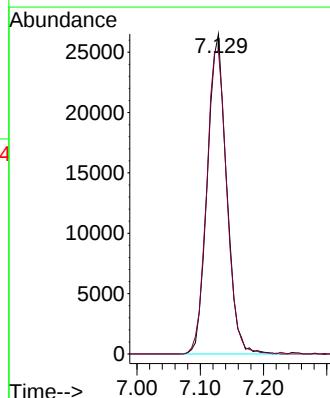
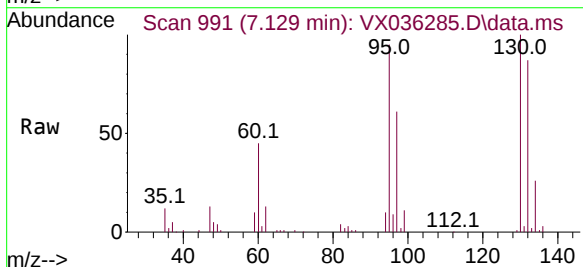
RT: 7.129 min Scan# 991

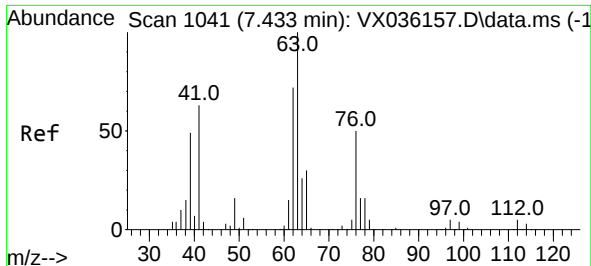
Delta R.T. 0.007 min

Lab File: VX036285.D

Acq: 23 Jun 2023 11:14

Tgt Ion:130	Resp: 55973
Ion Ratio	Lower Upper
130	100
95	94.7 0.0 204.4





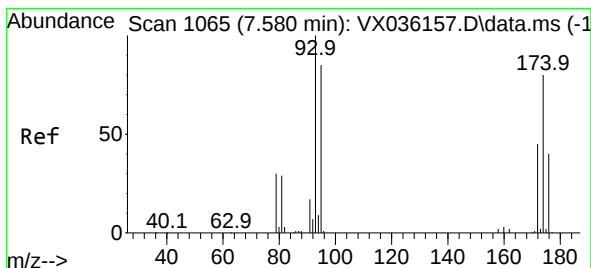
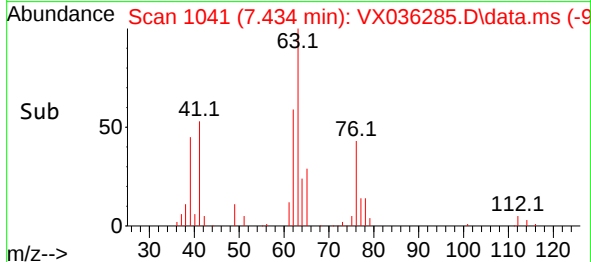
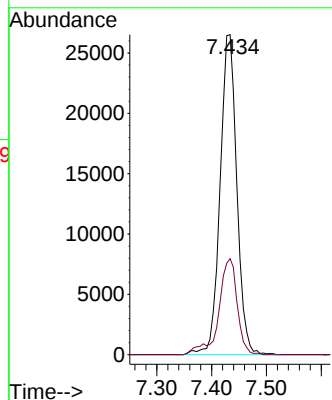
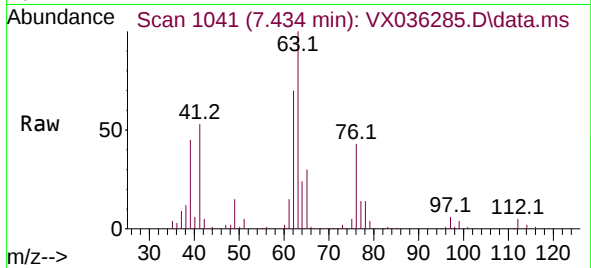
#45
1,2-Dichloropropane
Concen: 20.000 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.001 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 63 Resp: 5633
Ion Ratio Lower Upper
63 100
65 30.0 24.3 36.5

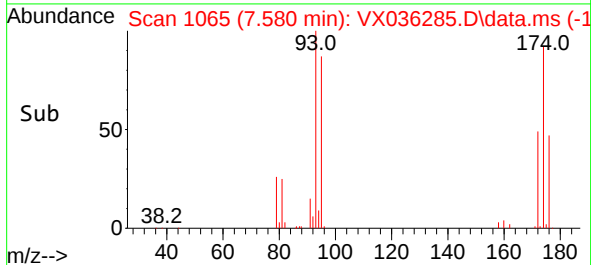
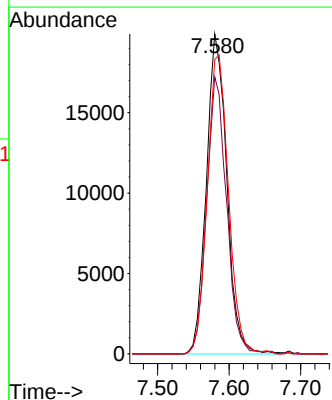
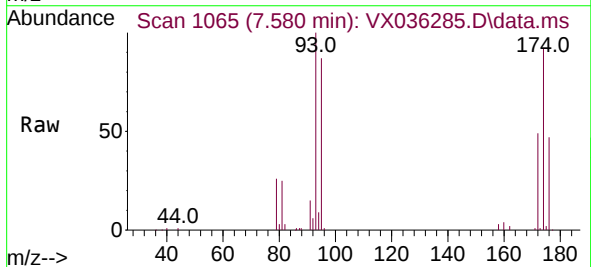
Manual Integrations
APPROVED

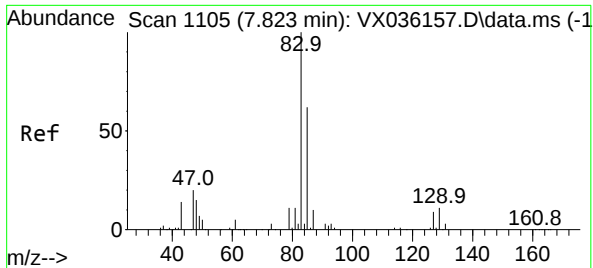
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#46
Dibromomethane
Concen: 19.676 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

Tgt Ion: 93 Resp: 39480
Ion Ratio Lower Upper
93 100
95 84.3 66.6 100.0
174 97.3 69.4 104.0





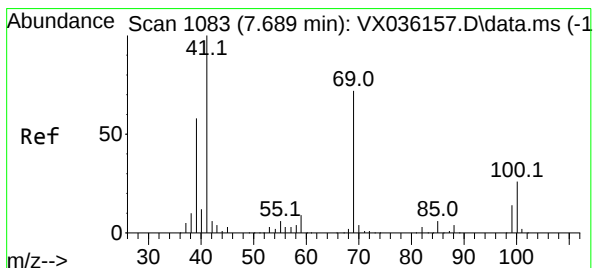
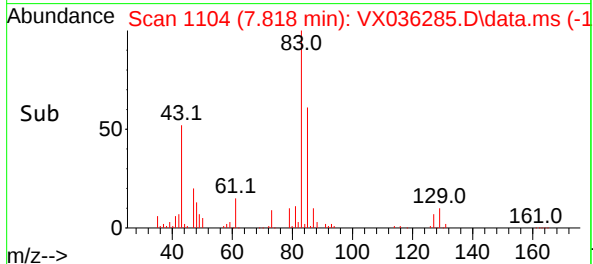
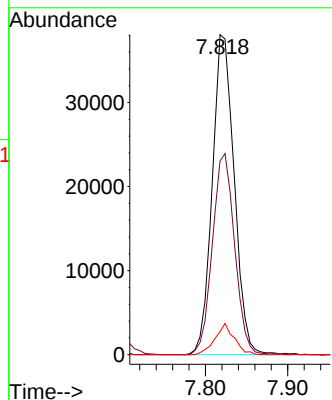
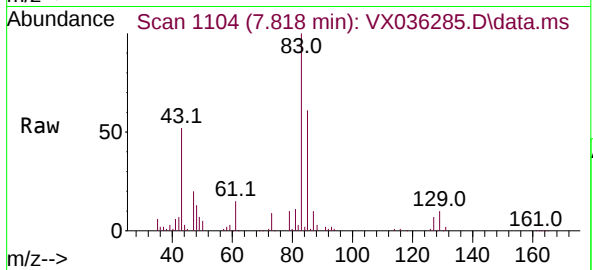
#47
Bromodichloromethane
Concen: 18.323 ug/l
RT: 7.818 min Scan# 1105
Delta R.T. -0.005 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 70585
Ion Ratio Lower Upper
83 100
85 60.5 49.8 74.6
127 7.2 7.1 10.7

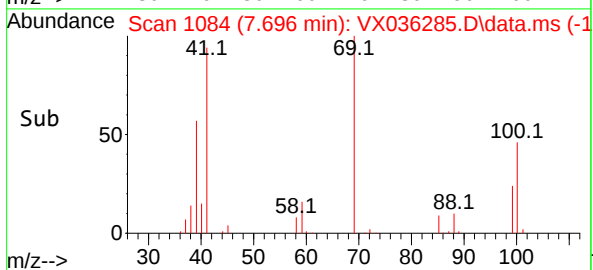
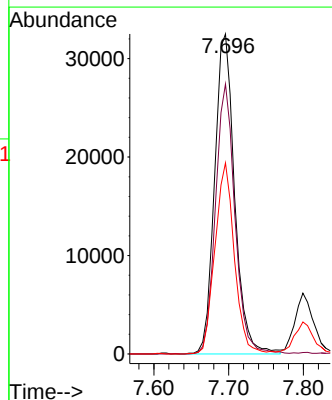
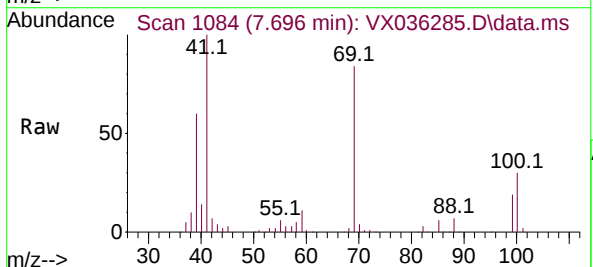
Manual Integrations
APPROVED

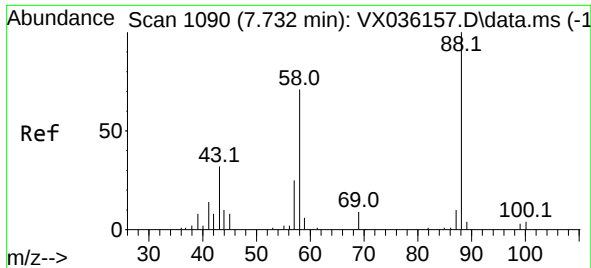
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#48
Methyl methacrylate
Concen: 17.579 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.007 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

Tgt Ion: 41 Resp: 60585
Ion Ratio Lower Upper
41 100
69 82.0 59.2 88.8
39 57.8 47.7 71.5





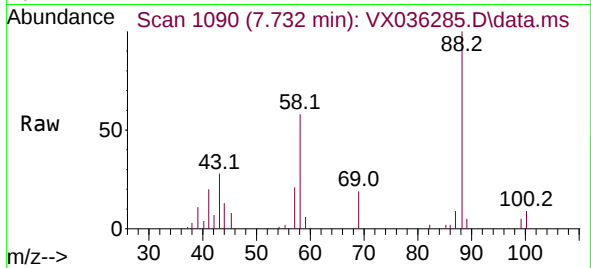
#49
1,4-Dioxane
Concen: 508.425 ug/l
RT: 7.732 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020



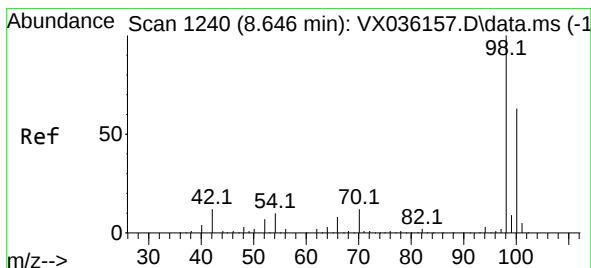
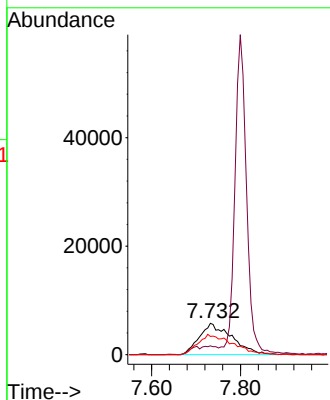
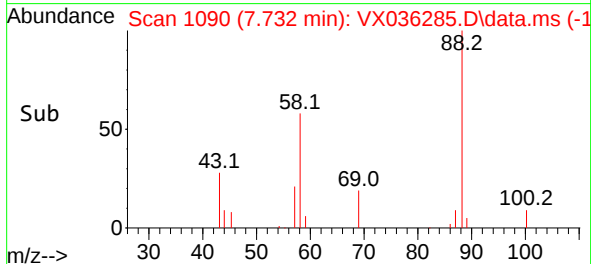
Tgt Ion: 88 Resp: 2933
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 68.7 60.1 90.1

Manual Integrations

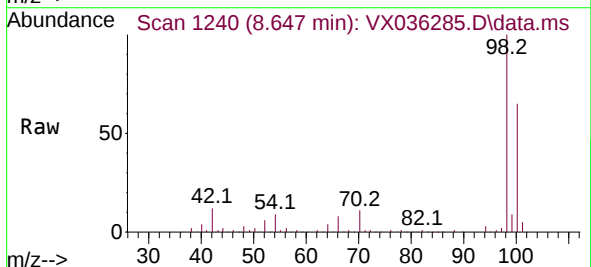
APPROVED

Reviewed By :John Carlone 06/24/2023

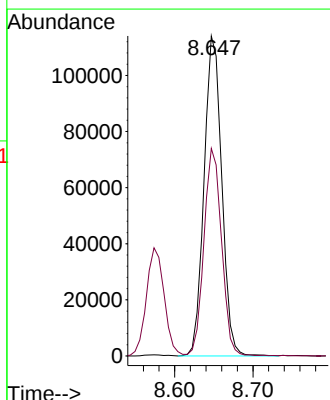
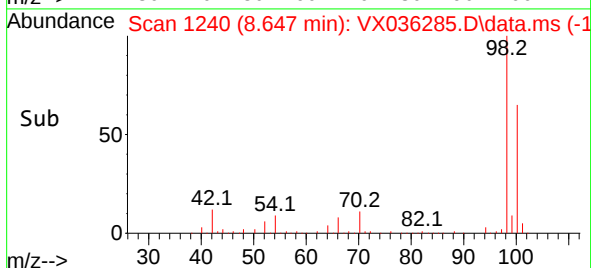
Supervised By :Mahesh Dadoda 06/26/2023

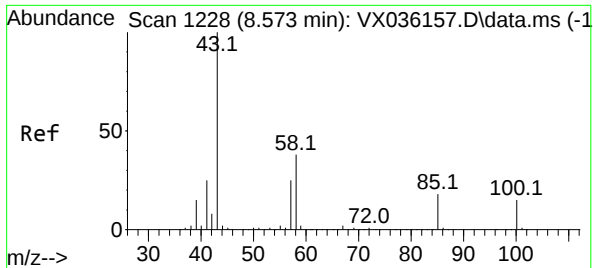


#50
Toluene-d8
Concen: 19.104 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14



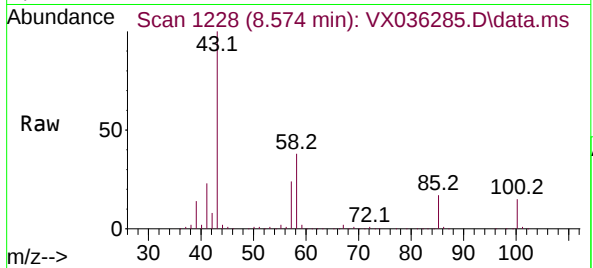
Tgt Ion: 98 Resp: 178721
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 95.886 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

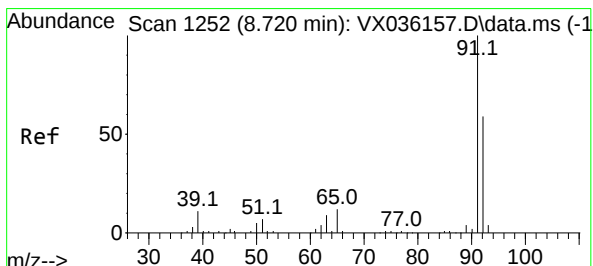
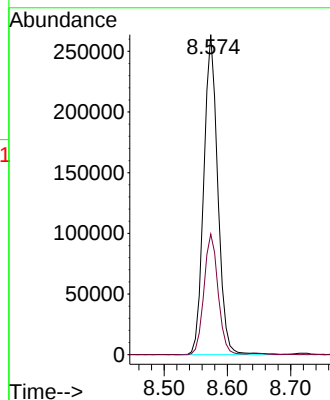
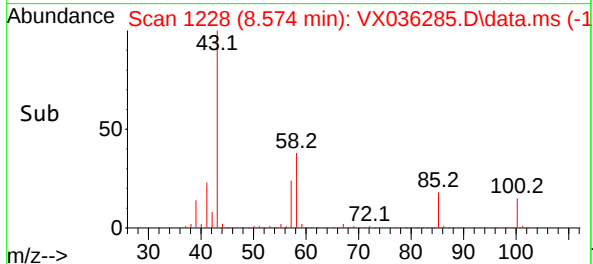
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 406698
Ion Ratio Lower Upper
43 100
58 38.0 30.4 45.6

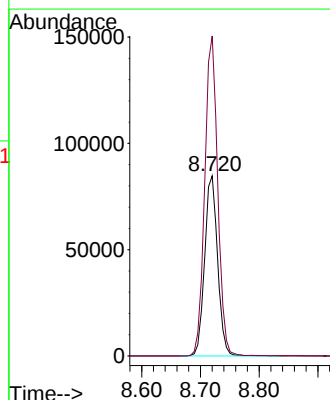
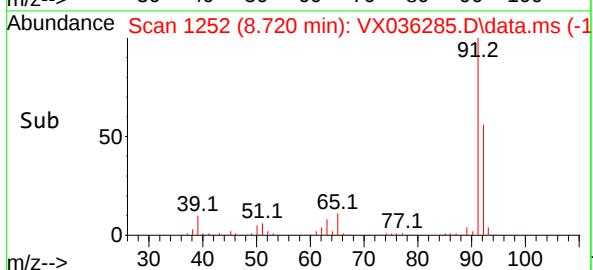
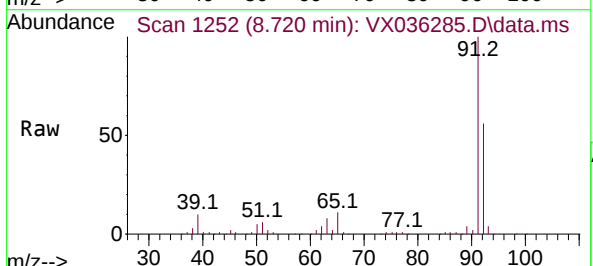
Manual Integrations
APPROVED

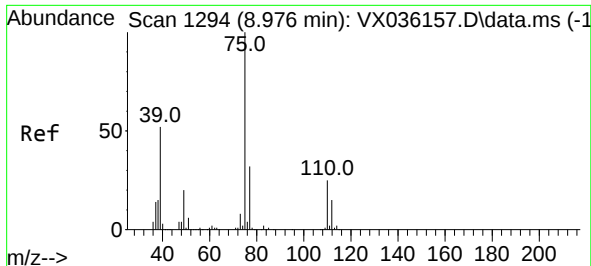
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#52
Toluene
Concen: 19.584 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

Tgt Ion: 92 Resp: 129904
Ion Ratio Lower Upper
92 100
91 177.7 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 17.330 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX036285.D

Acq: 23 Jun 2023 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 75 Resp: 6876

Ion Ratio Lower Upper

75 100

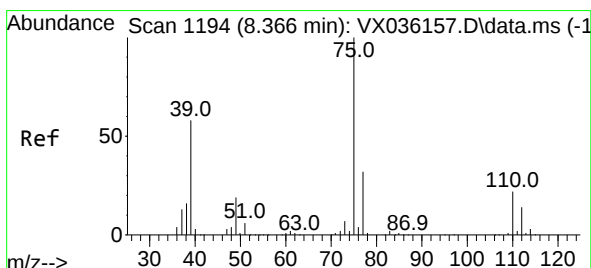
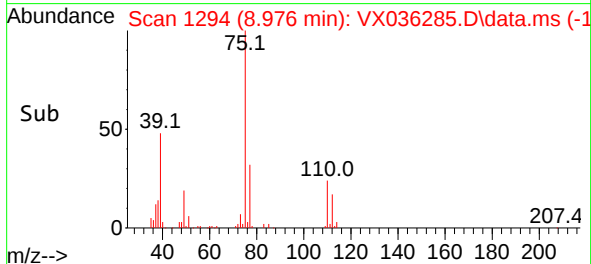
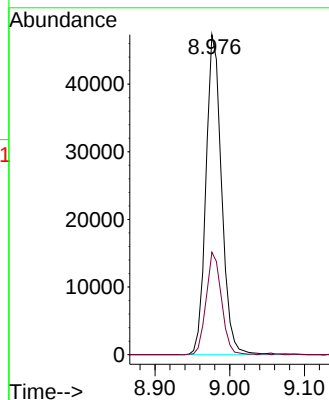
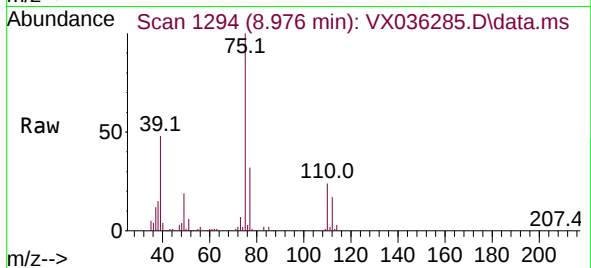
77 32.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#54

cis-1,3-Dichloropropene

Concen: 19.007 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036285.D

Acq: 23 Jun 2023 11:14

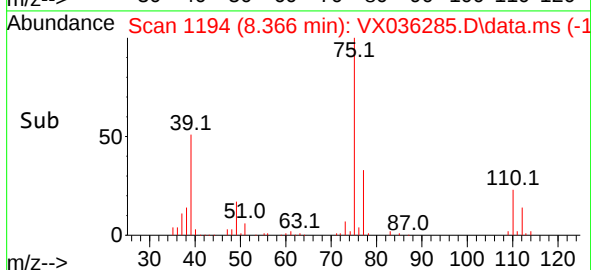
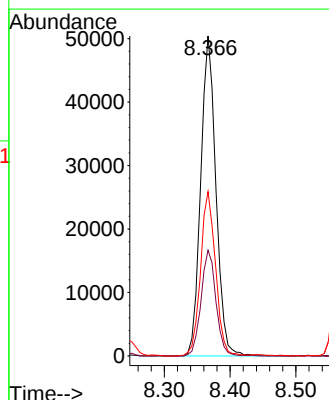
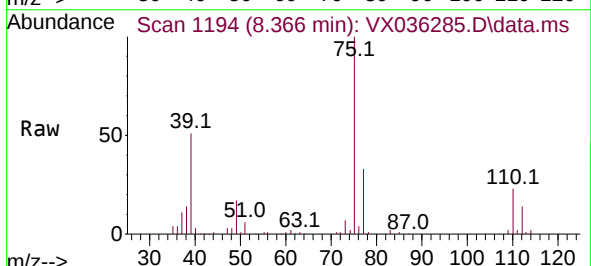
Tgt Ion: 75 Resp: 80873

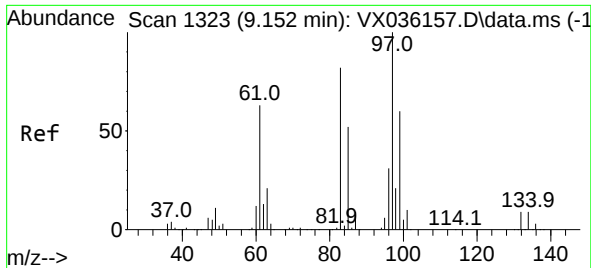
Ion Ratio Lower Upper

75 100

77 33.1 25.3 37.9

39 51.2 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 20.014 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.001 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

Instrument :

MSVOA_X

ClientSampleId :

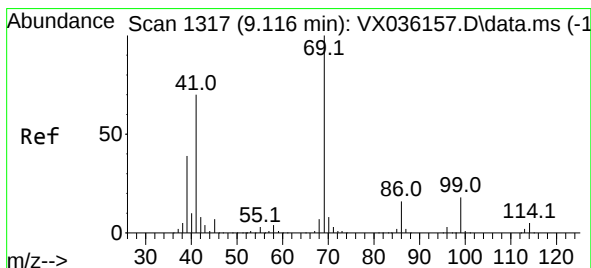
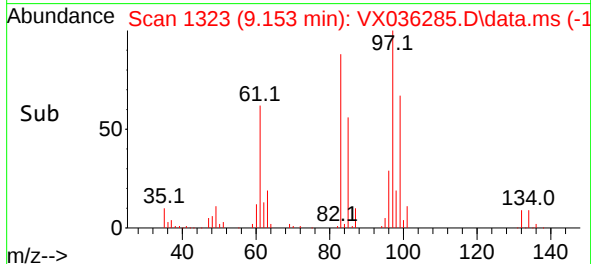
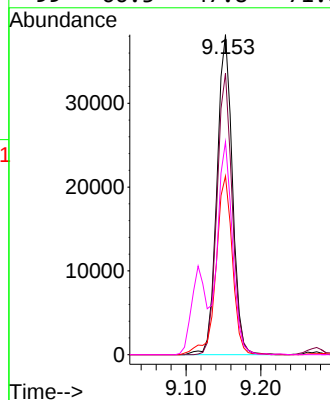
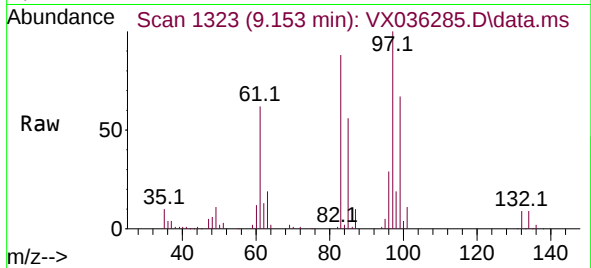
VSTDICC020

Tgt Ion: 97 Resp: 5480
Ion Ratio Lower Upper
97 100
83 88.0 65.8 98.8
85 55.8 41.6 62.4
99 66.3 47.8 71.8

Manual Integrations

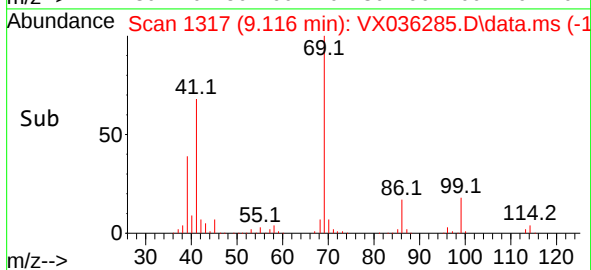
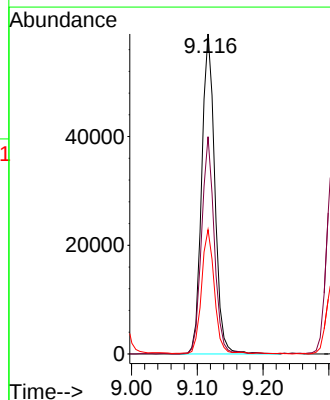
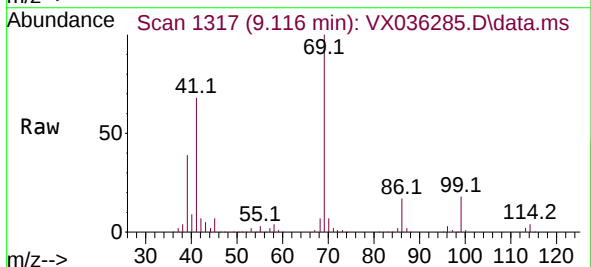
APPROVED

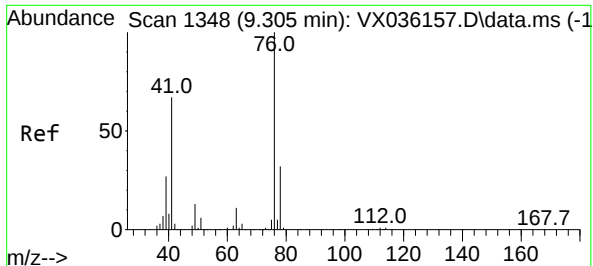
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#56
Ethyl methacrylate
Concen: 19.696 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

Tgt Ion: 69 Resp: 81471
Ion Ratio Lower Upper
69 100
41 66.1 56.8 85.2
39 37.7 32.0 48.0





#57
1,3-Dichloropropane
Concen: 19.368 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

Instrument :

MSVOA_X

ClientSampleId :

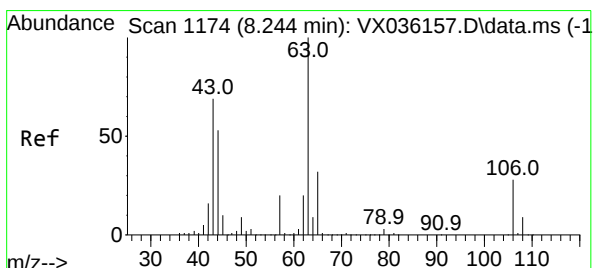
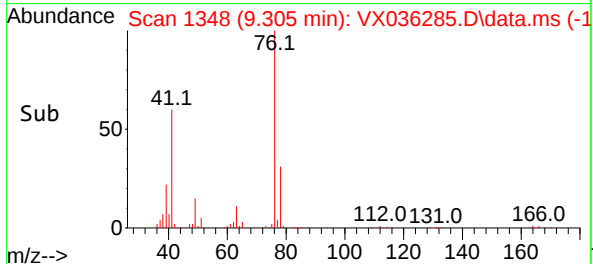
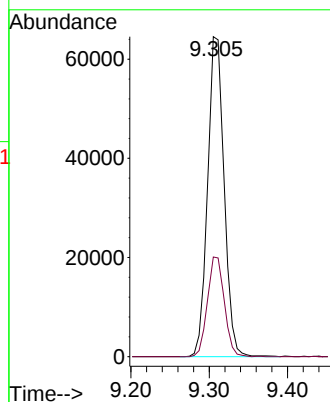
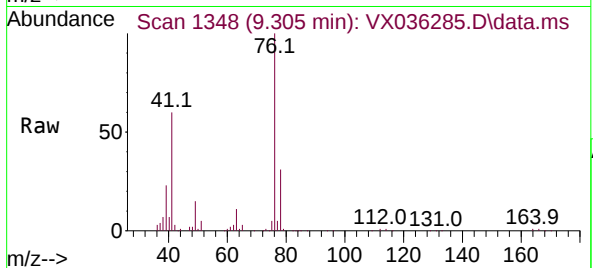
VSTDIC020

Tgt Ion: 76 Resp: 94348
Ion Ratio Lower Upper
76 100
78 31.8 26.1 39.1

Manual Integrations

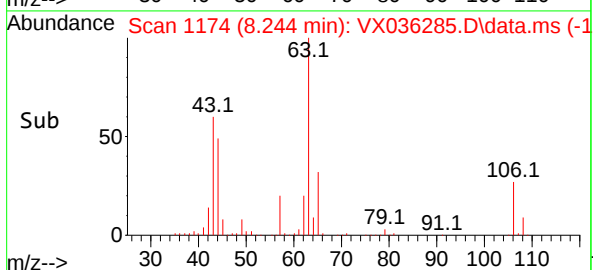
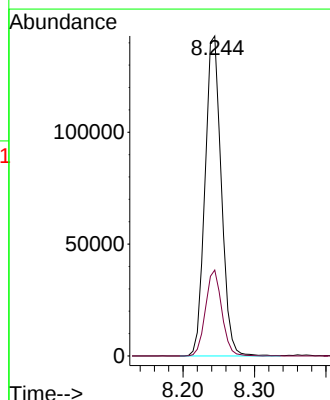
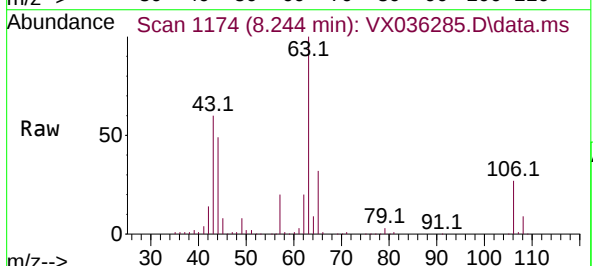
APPROVED

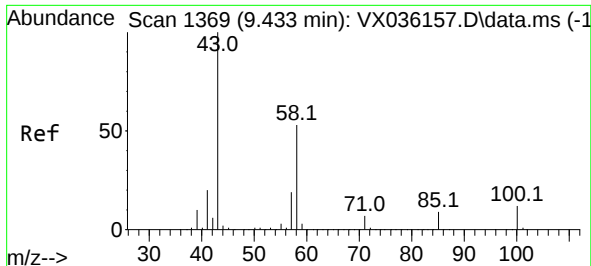
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#58
2-Chloroethyl Vinyl ether
Concen: 99.217 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

Tgt Ion: 63 Resp: 226207
Ion Ratio Lower Upper
63 100
106 26.9 22.5 33.7





#59

2-Hexanone

Concen: 94.863 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX036285.D

Acq: 23 Jun 2023 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 29913

Ion Ratio Lower Upper

43 100

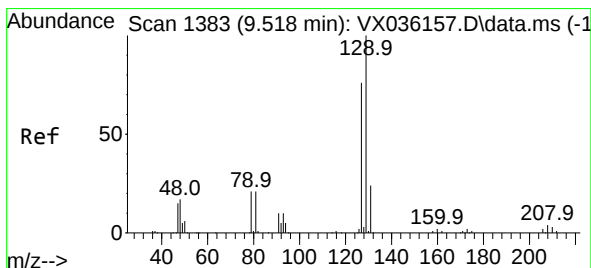
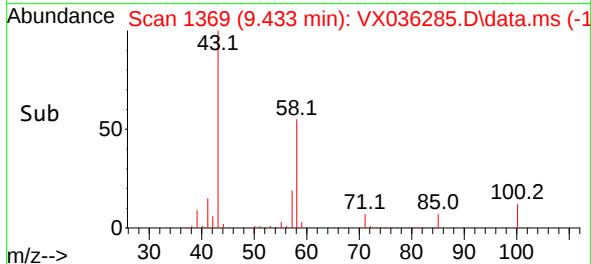
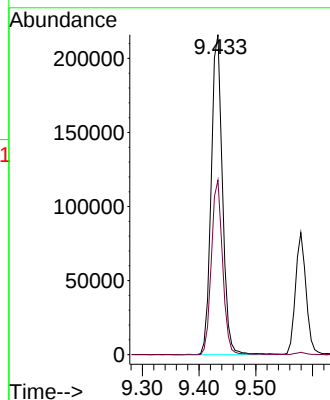
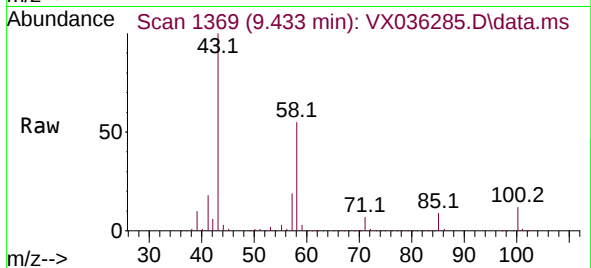
58 54.1 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#60

Dibromochloromethane

Concen: 19.129 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.001 min

Lab File: VX036285.D

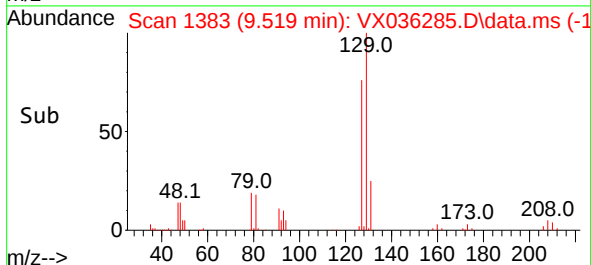
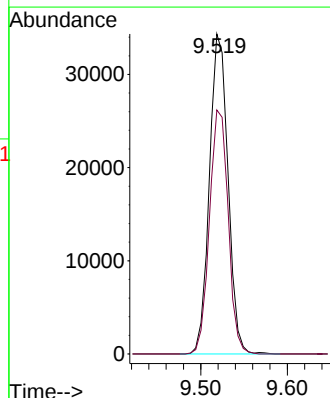
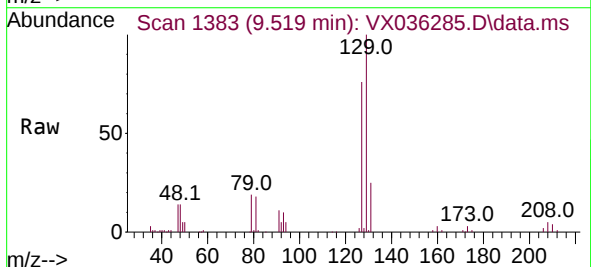
Acq: 23 Jun 2023 11:14

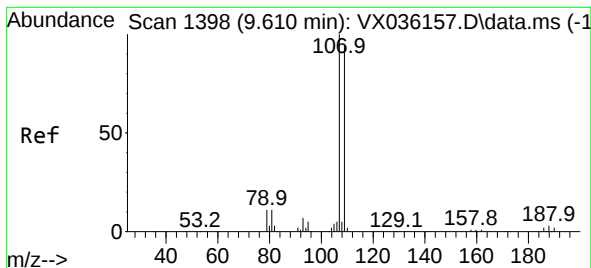
Tgt Ion:129 Resp: 51126

Ion Ratio Lower Upper

129 100

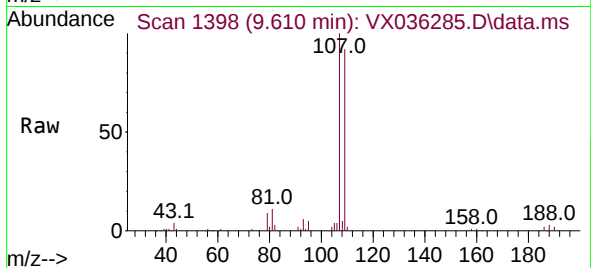
127 76.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 19.887 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

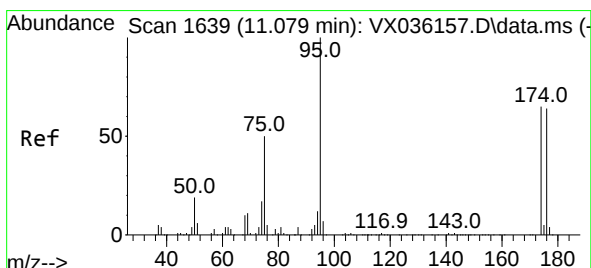
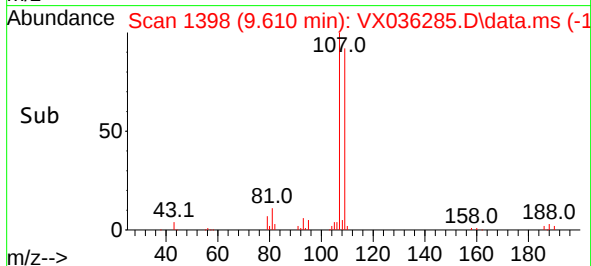
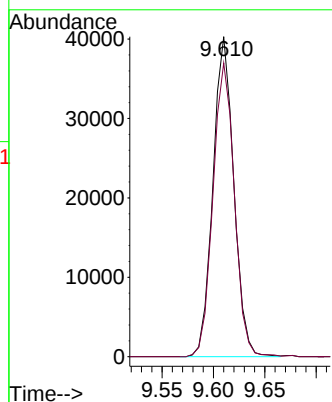
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:107 Resp: 56779
Ion Ratio Lower Upper
107 100
109 94.5 75.2 112.8

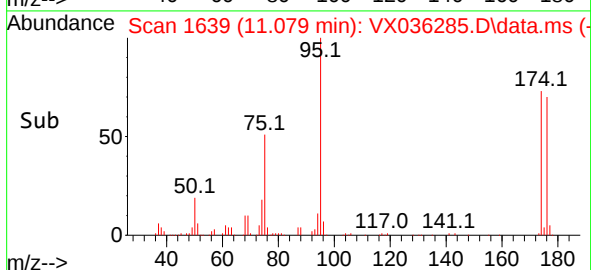
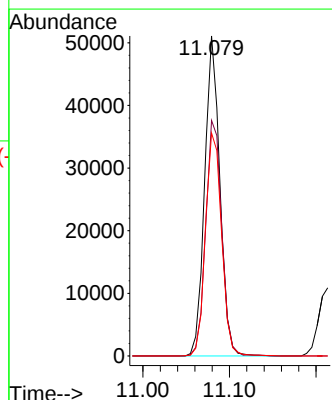
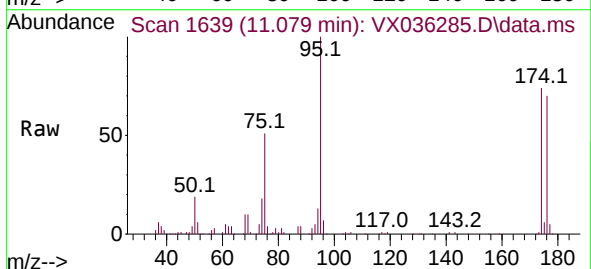
Manual Integrations
APPROVED

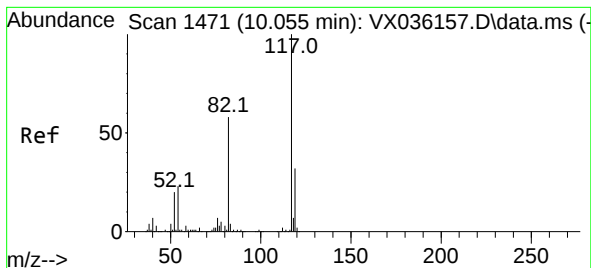
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#62
4-Bromofluorobenzene
Concen: 16.468 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

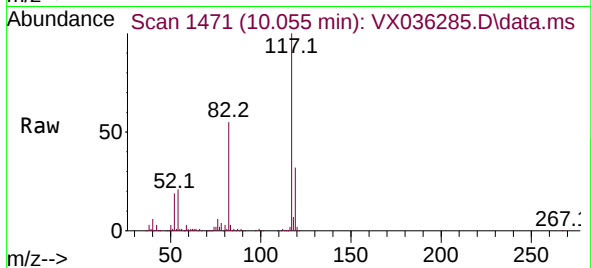
Tgt Ion: 95 Resp: 62190
Ion Ratio Lower Upper
95 100
174 77.6 0.0 135.6
176 74.2 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

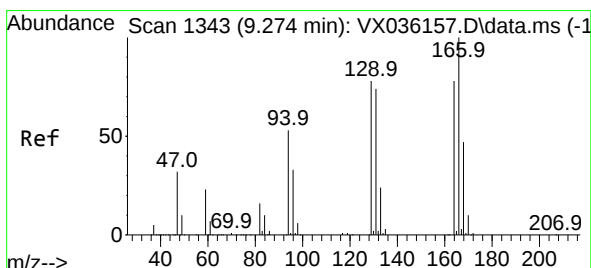
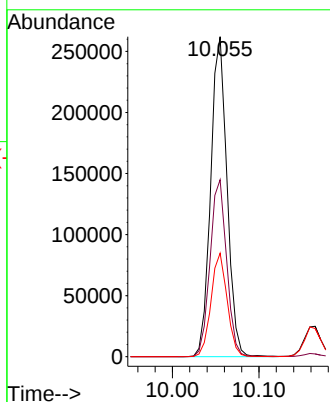
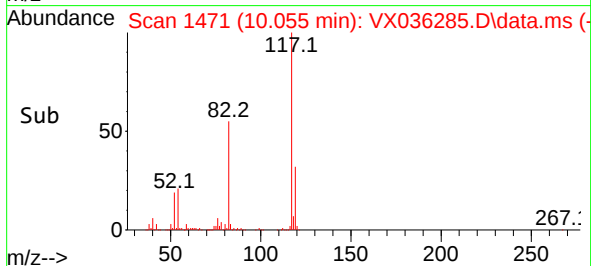
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 343600
Ion Ratio Lower Upper
117 100
82 55.3 46.2 69.4
119 32.4 25.5 38.3

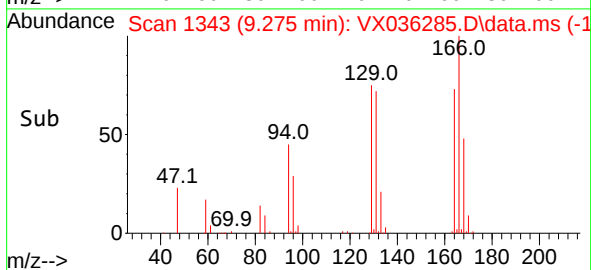
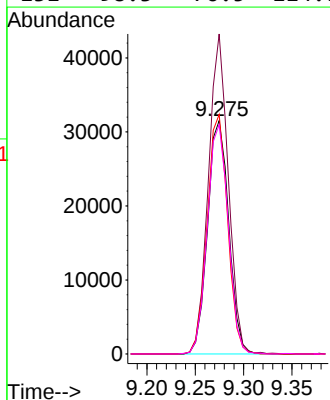
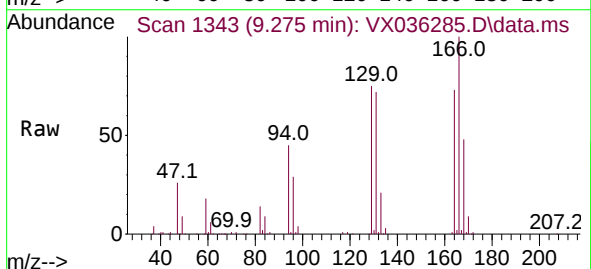
Manual Integrations
APPROVED

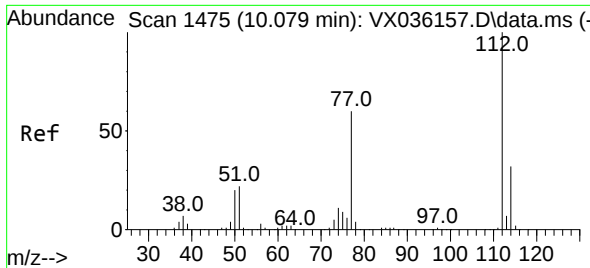
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#64
Tetrachloroethene
Concen: 22.457 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

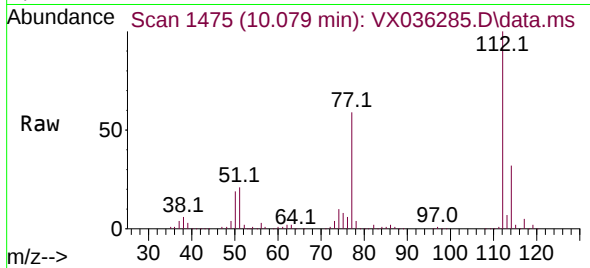
Tgt Ion:164 Resp: 48009
Ion Ratio Lower Upper
164 100
166 137.2 102.7 154.1
129 102.7 80.4 120.6
131 98.3 76.5 114.7





#65
Chlorobenzene
Concen: 19.995 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

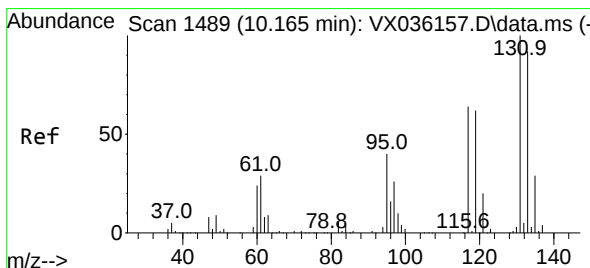
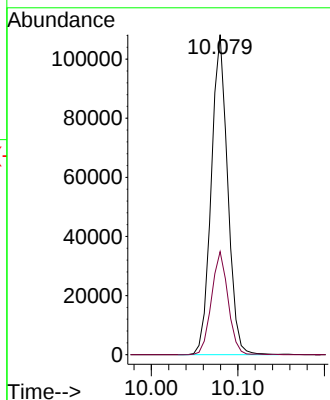
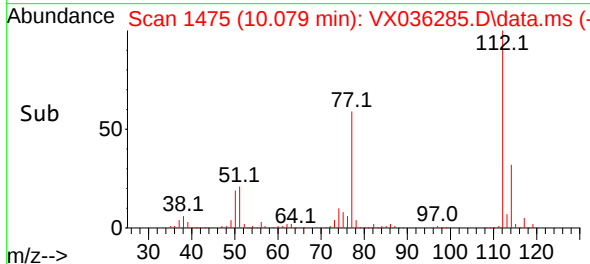
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



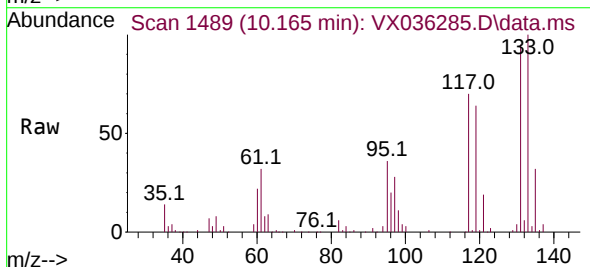
Tgt Ion:112 Resp: 142364
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5

Manual Integrations
APPROVED

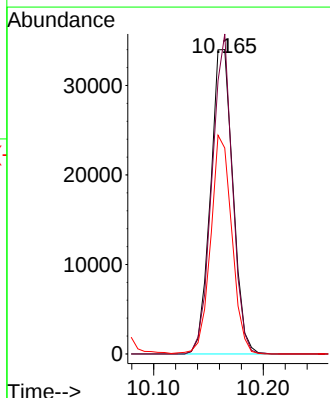
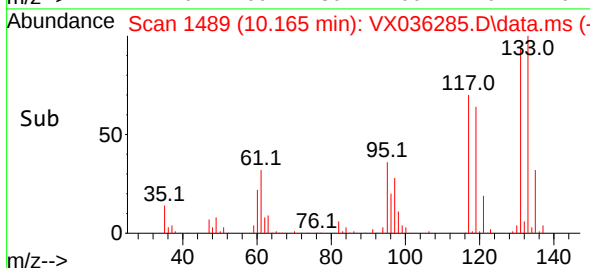
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

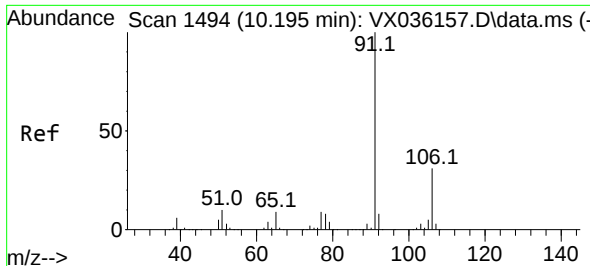


#66
1,1,1,2-Tetrachloroethane
Concen: 19.673 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14



Tgt Ion:131 Resp: 48338
Ion Ratio Lower Upper
131 100
133 95.8 47.1 141.4
119 67.9 32.2 96.6





#67

Ethyl Benzene

Concen: 19.935 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX036285.D

Acq: 23 Jun 2023 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 253484

Ion Ratio Lower Upper

91 100

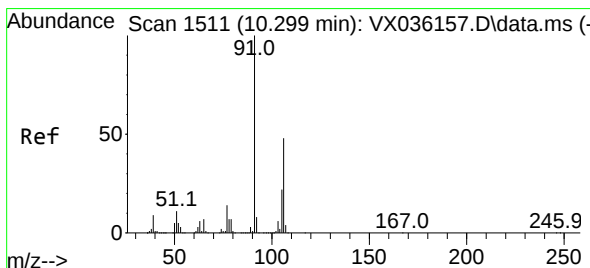
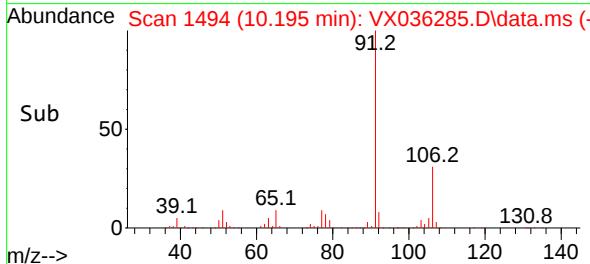
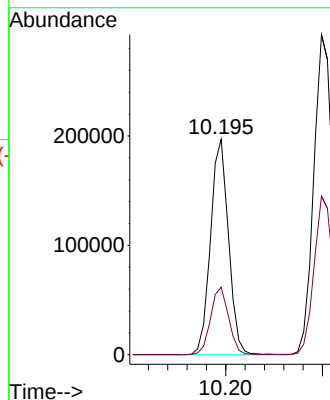
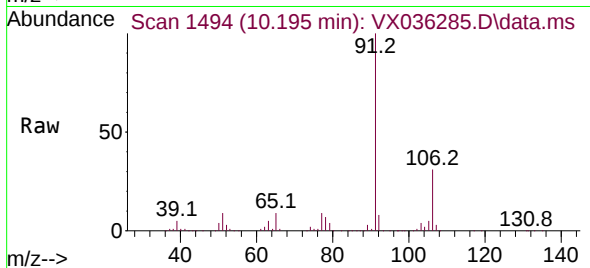
106 31.4 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#68

m/p-Xylenes

Concen: 41.295 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX036285.D

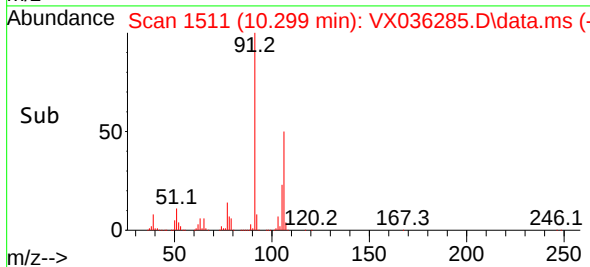
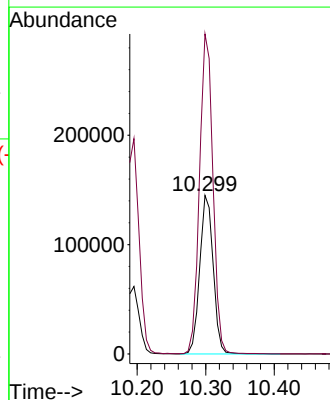
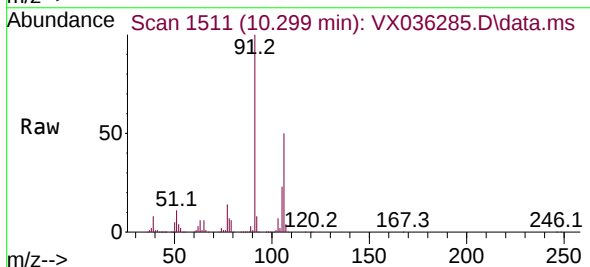
Acq: 23 Jun 2023 11:14

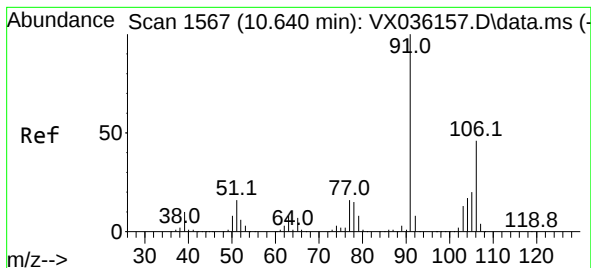
Tgt Ion:106 Resp: 198114

Ion Ratio Lower Upper

106 100

91 201.8 165.5 248.3





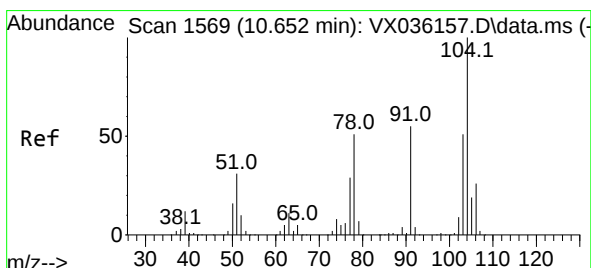
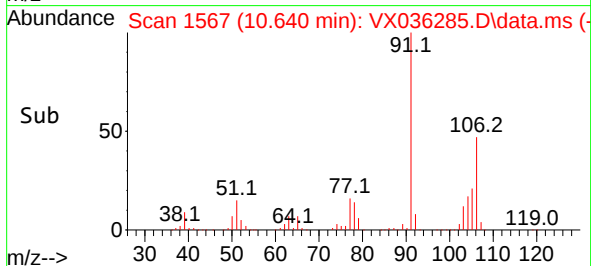
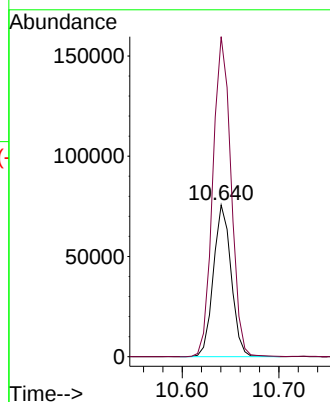
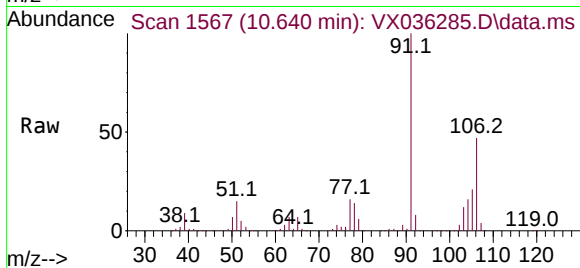
#69
o-Xylene
Concen: 20.390 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 9651
Ion Ratio Lower Upper
106 100
91 216.7 108.9 326.8

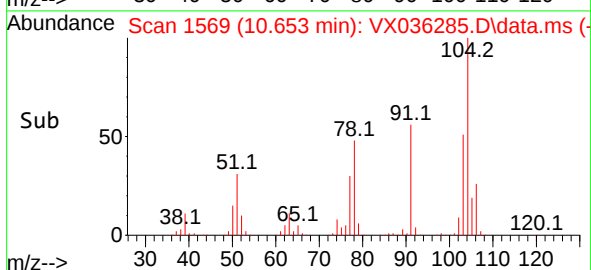
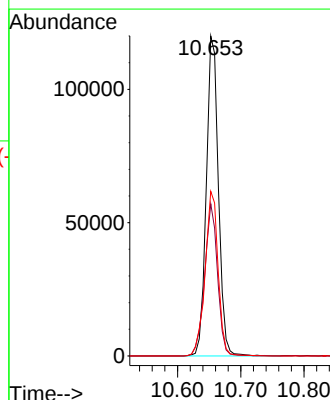
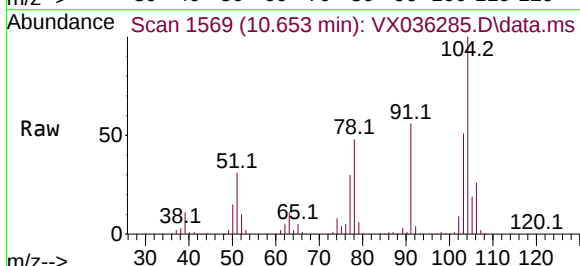
Manual Integrations
APPROVED

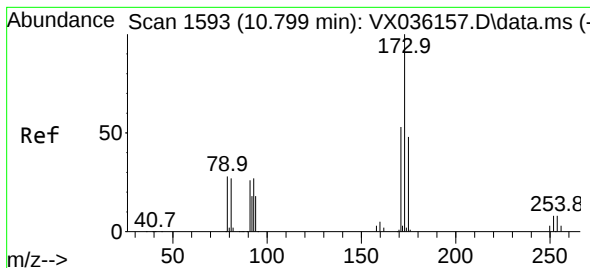
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#70
Styrene
Concen: 20.303 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.001 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

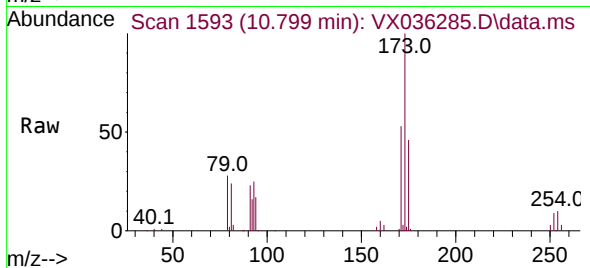
Tgt Ion:104 Resp: 160123
Ion Ratio Lower Upper
104 100
78 50.8 43.6 65.4
103 55.3 43.6 65.4





#71
Bromoform
Concen: 20.173 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

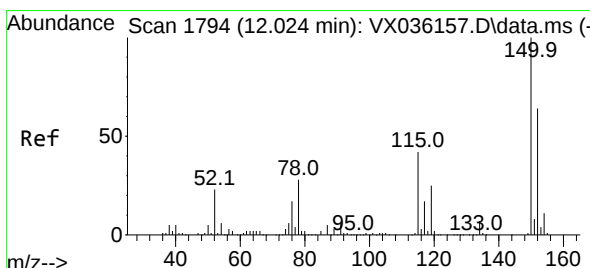
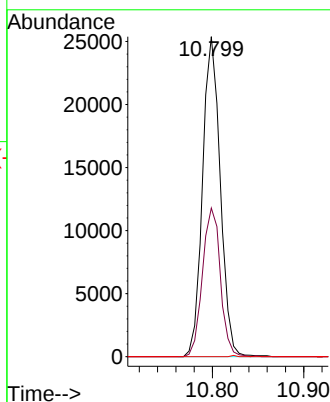
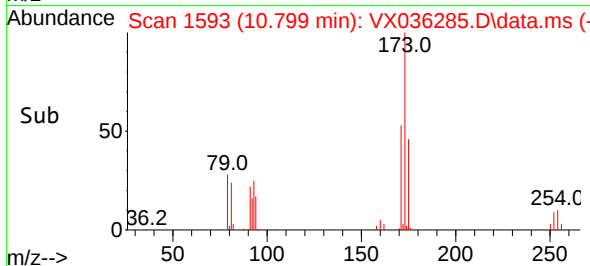
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:173 Resp: 3412
Ion Ratio Lower Upper
173 100
175 47.0 24.1 72.4
254 0.0 0.0 0.0

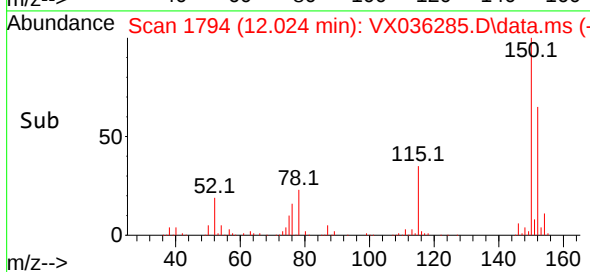
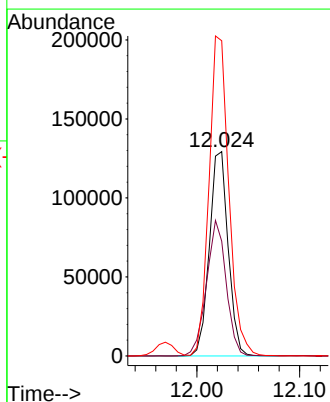
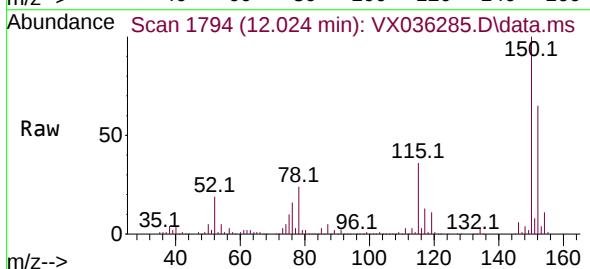
Manual Integrations
APPROVED

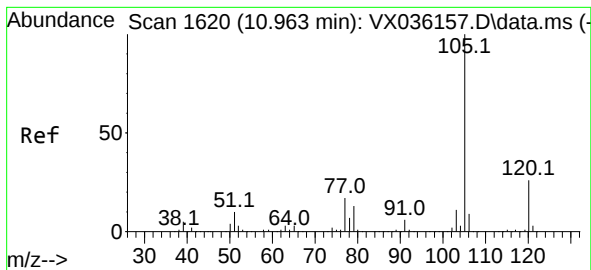
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

Tgt Ion:152 Resp: 164503
Ion Ratio Lower Upper
152 100
115 69.2 43.3 129.9
150 164.5 0.0 345.0





#73

Isopropylbenzene

Concen: 20.288 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036285.D

Acq: 23 Jun 2023 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 247644

Ion Ratio Lower Upper

105 100

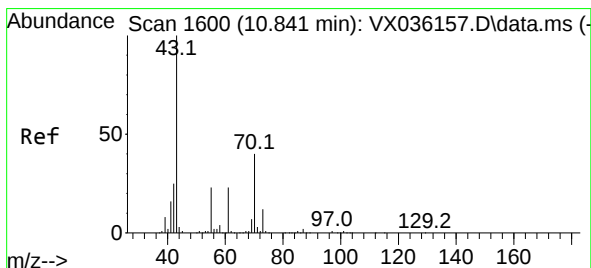
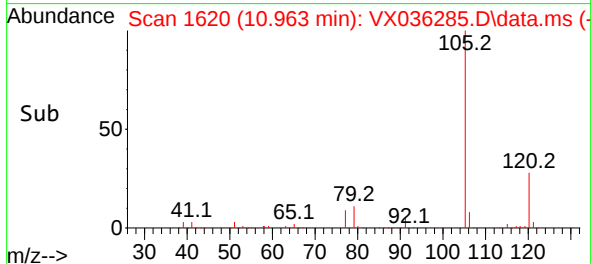
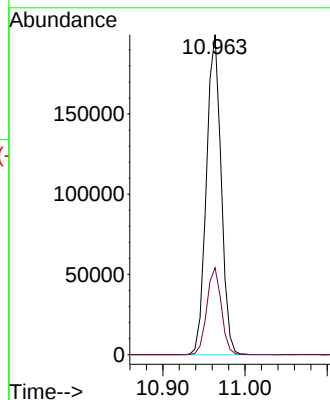
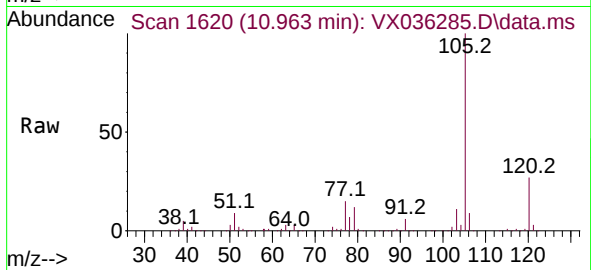
120 26.7 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#74

N-ethyl acetate

Concen: 18.259 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.001 min

Lab File: VX036285.D

Acq: 23 Jun 2023 11:14

Tgt Ion: 43 Resp: 100716

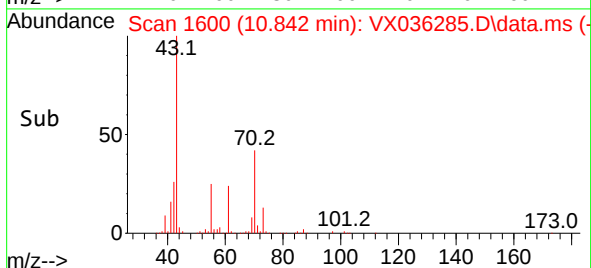
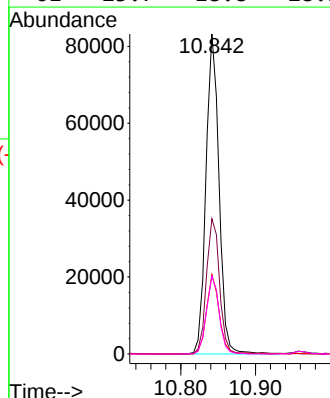
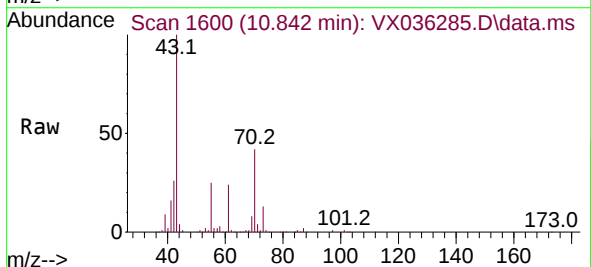
Ion Ratio Lower Upper

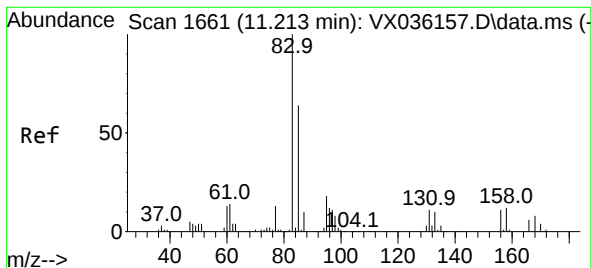
43 100

70 42.5 32.9 49.3

55 24.4 19.3 28.9

61 23.7 18.8 28.2





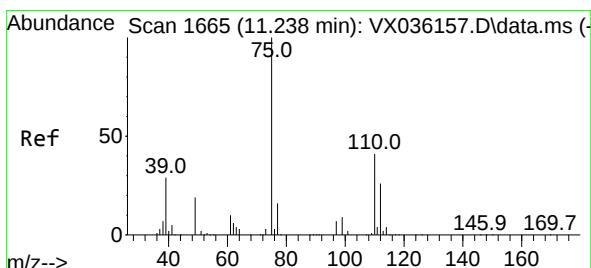
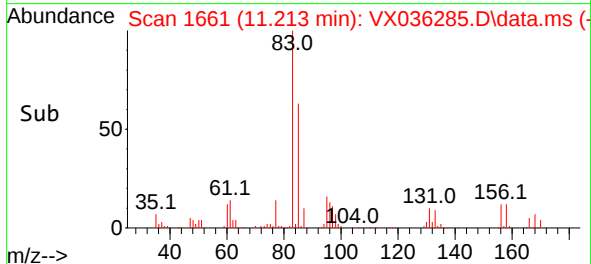
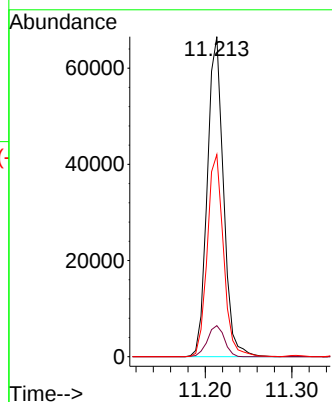
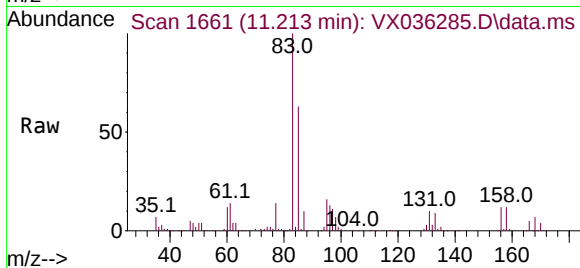
#75
1,1,2,2-Tetrachloroethane
Concen: 20.618 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 86170
Ion Ratio Lower Upper
83 100
131 10.2 5.3 15.8
85 63.6 32.0 96.2

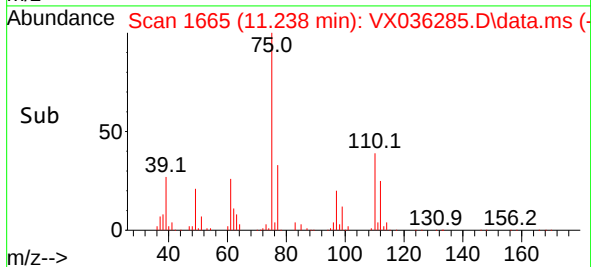
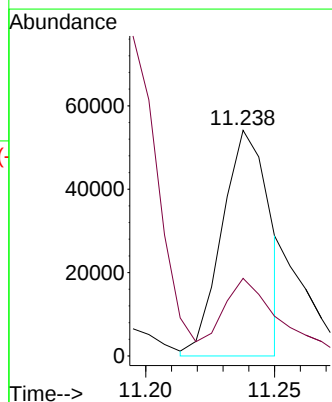
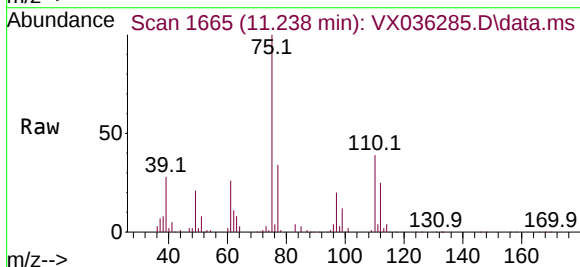
Manual Integrations
APPROVED

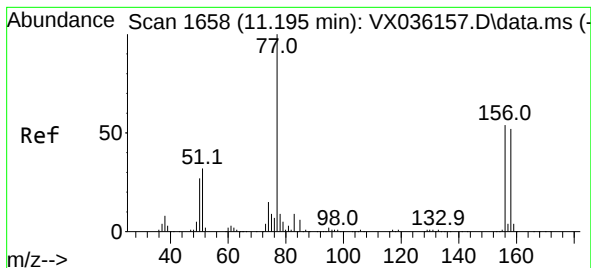
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#76
1,2,3-Trichloropropane
Concen: 17.705 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

Tgt Ion: 75 Resp: 69121
Ion Ratio Lower Upper
75 100
77 41.4 19.1 57.5





#77

Bromobenzene

Concen: 20.709 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX036285.D

Acq: 23 Jun 2023 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

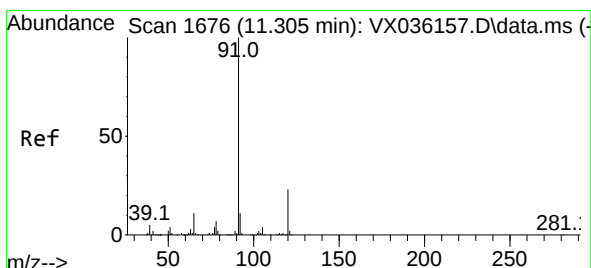
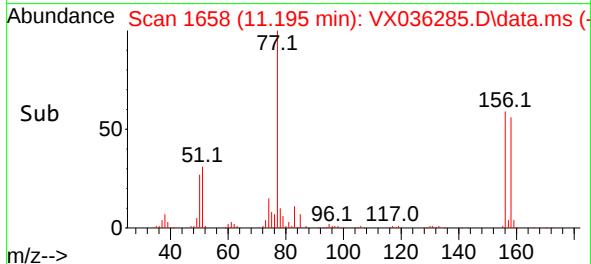
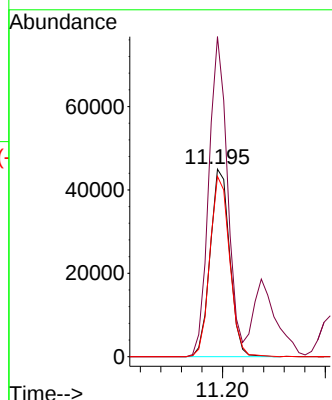
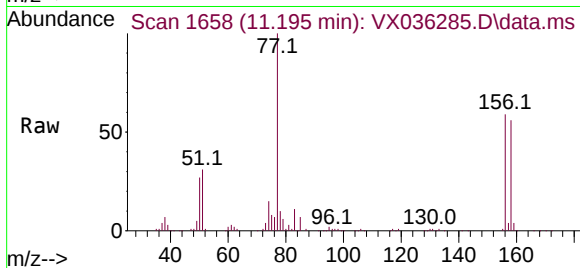
Tgt Ion:	156	Resp:	59220
Ion Ratio	Lower	Upper	
156	100		
77	163.2	88.4	265.3
158	97.2	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#78

n-propylbenzene

Concen: 19.999 ug/l

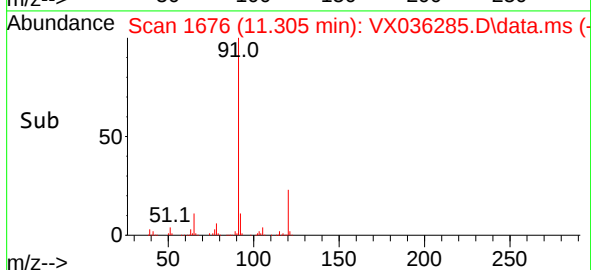
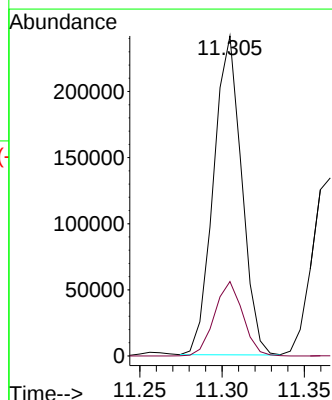
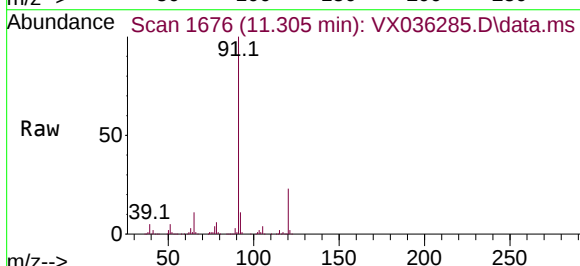
RT: 11.305 min Scan# 1676

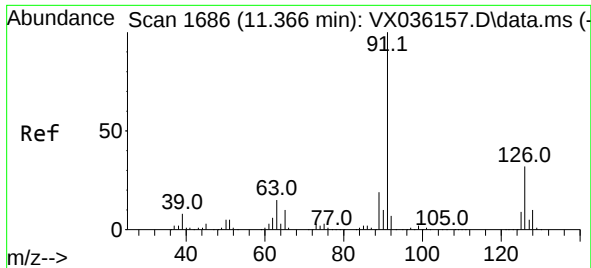
Delta R.T. -0.000 min

Lab File: VX036285.D

Acq: 23 Jun 2023 11:14

Tgt Ion:	91	Resp:	287182
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.5	34.4





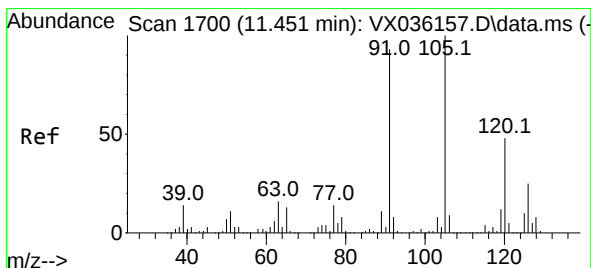
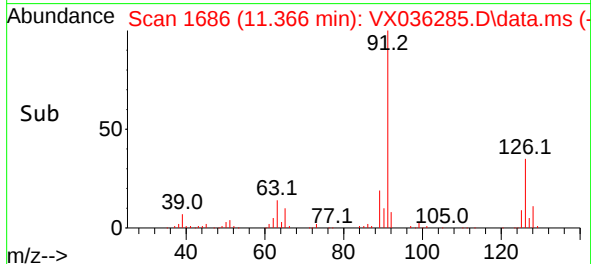
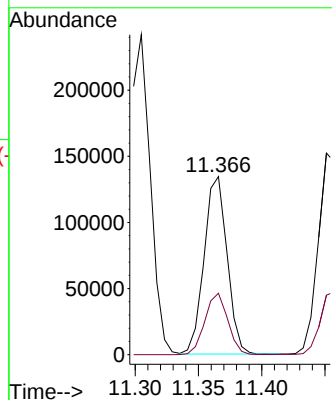
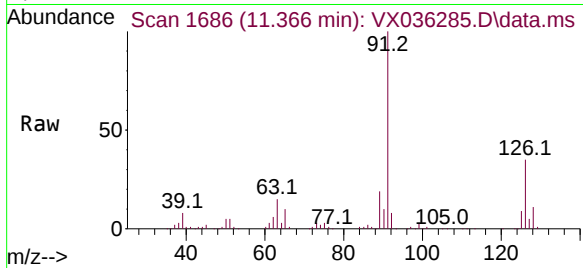
#79
2-Chlorotoluene
Concen: 18.829 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 170059
Ion Ratio Lower Upper
91 100
126 34.4 16.3 48.8

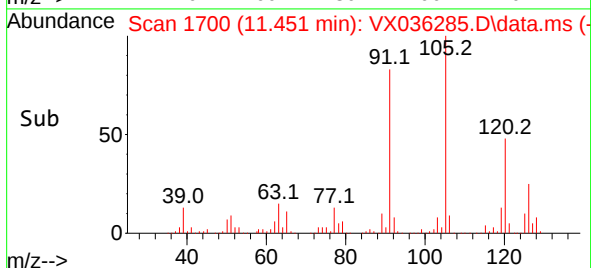
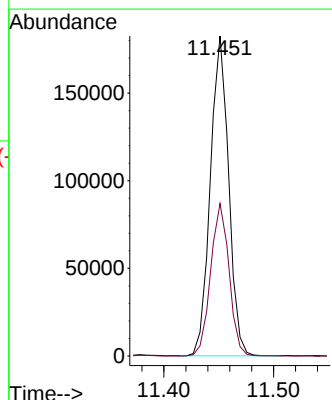
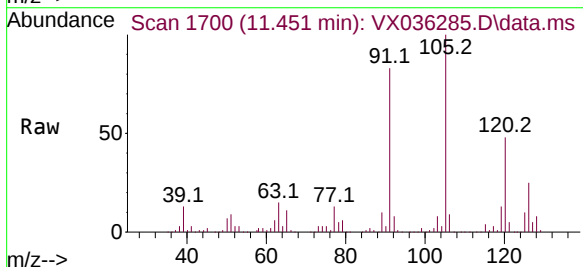
Manual Integrations
APPROVED

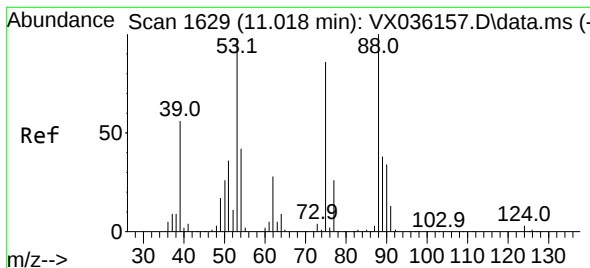
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.333 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

Tgt Ion:105 Resp: 211339
Ion Ratio Lower Upper
105 100
120 48.0 24.1 72.3





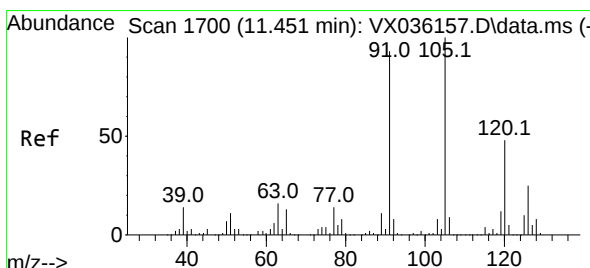
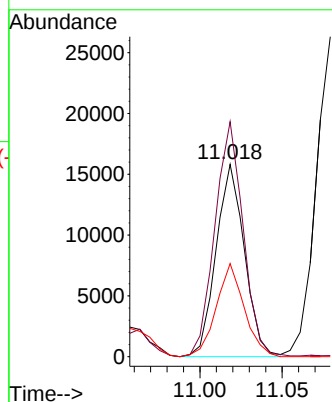
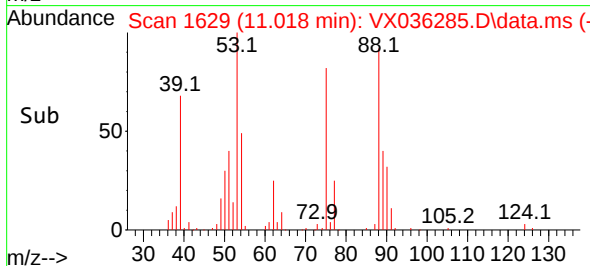
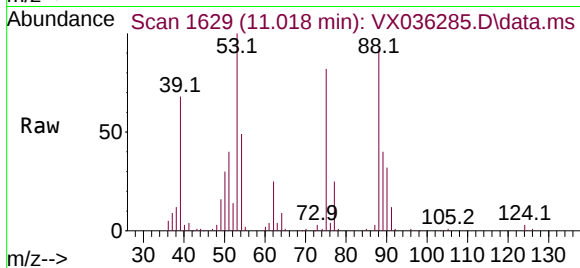
#81
trans-1,4-Dichloro-2-butene
Concen: 17.007 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 18969
Ion Ratio Lower Upper
75 100
53 122.1 90.5 135.7
89 47.7 36.9 55.3

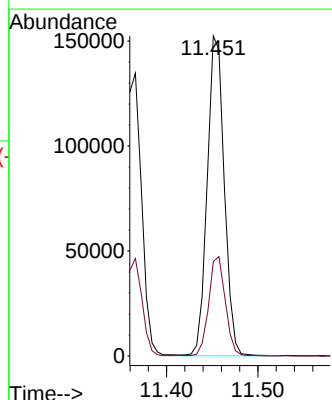
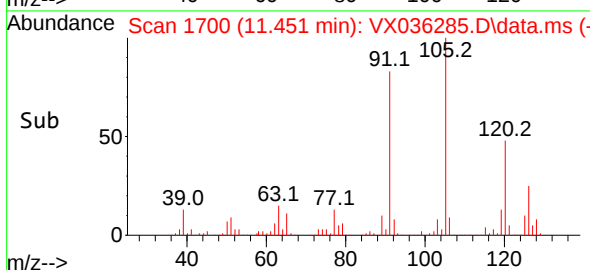
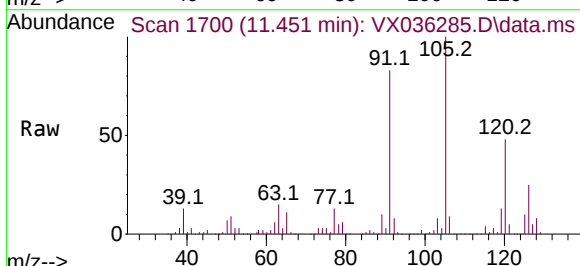
Manual Integrations
APPROVED

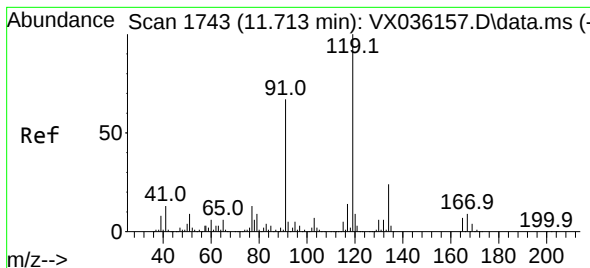
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#82
4-Chlorotoluene
Concen: 18.684 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

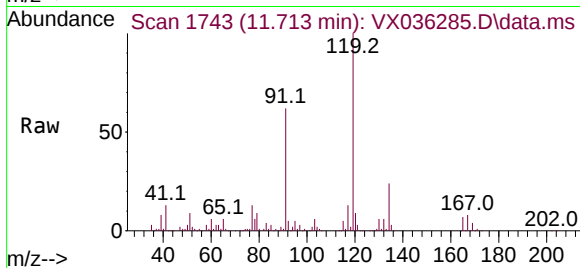
Tgt Ion: 91 Resp: 196619
Ion Ratio Lower Upper
91 100
126 30.5 14.2 42.6





#83
tert-Butylbenzene
Concen: 20.198 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

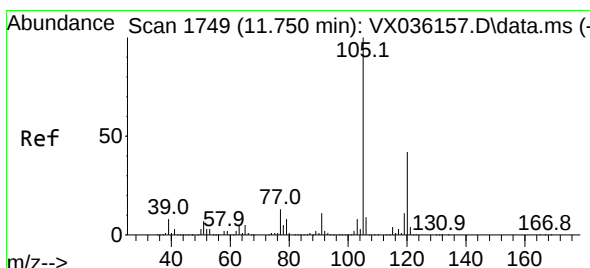
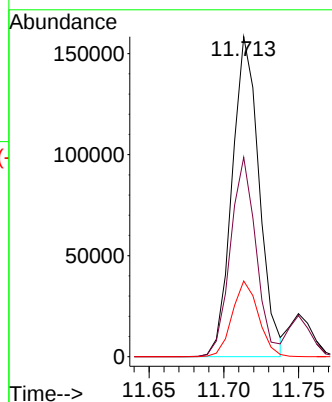
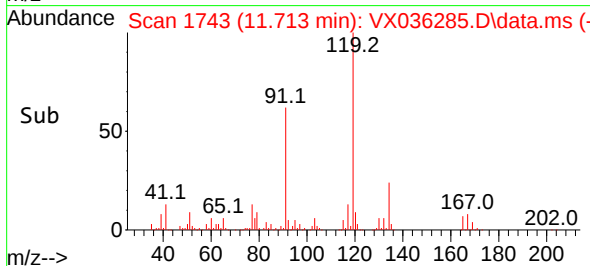
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



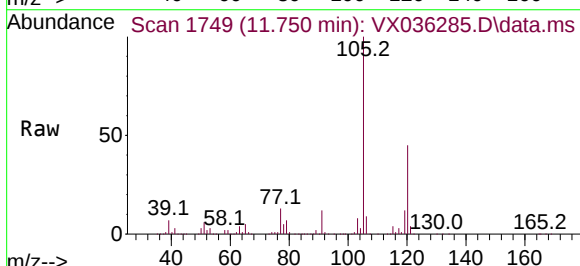
Tgt Ion:119 Resp: 19958
Ion Ratio Lower Upper
119 100
91 59.4 31.2 93.6
134 22.9 11.7 35.0

Manual Integrations
APPROVED

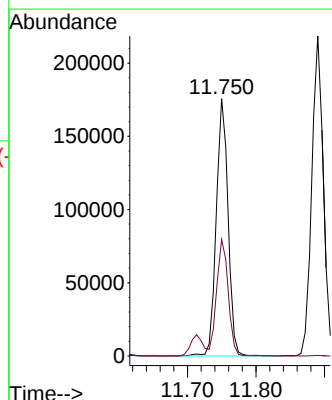
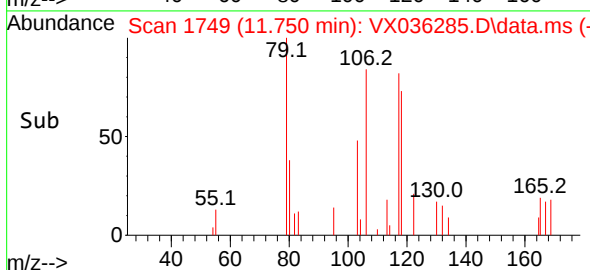
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

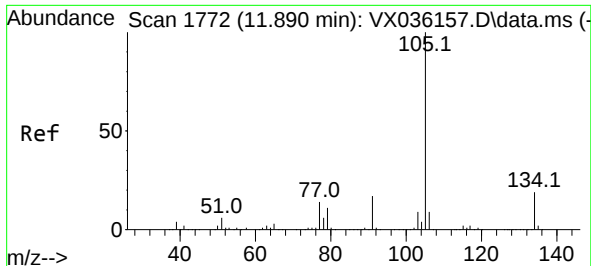


#84
1,2,4-Trimethylbenzene
Concen: 20.188 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14



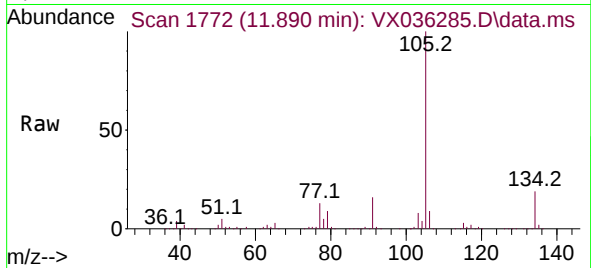
Tgt Ion:105 Resp: 209301
Ion Ratio Lower Upper
105 100
120 44.3 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 20.801 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX036285.D
 Acq: 23 Jun 2023 11:14

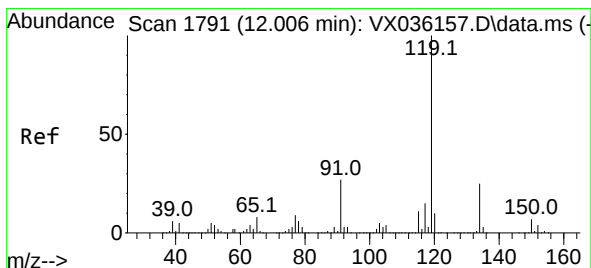
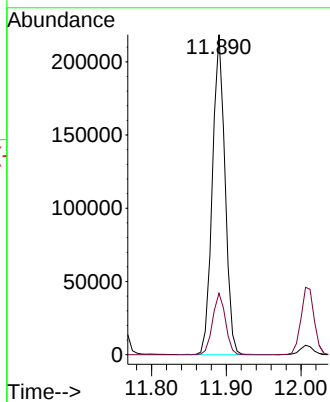
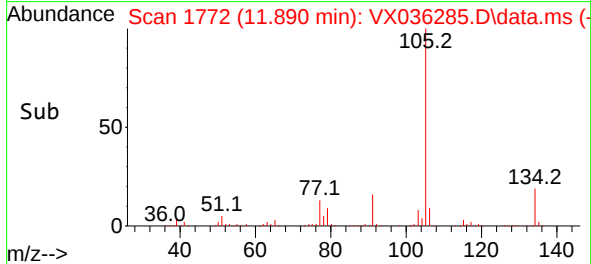
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



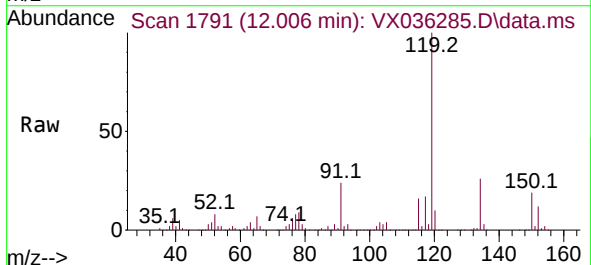
Tgt Ion:105 Resp: 25593
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4

Manual Integrations
 APPROVED

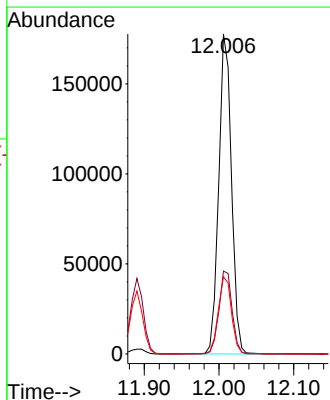
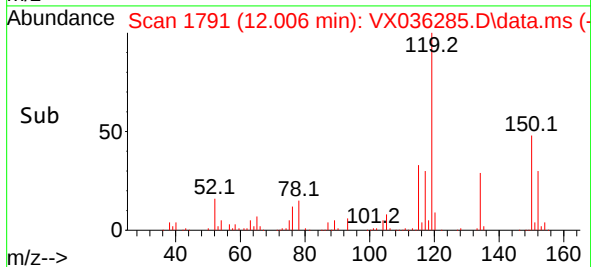
Reviewed By :John Carlone 06/24/2023
 Supervised By :Mahesh Dadoda 06/26/2023

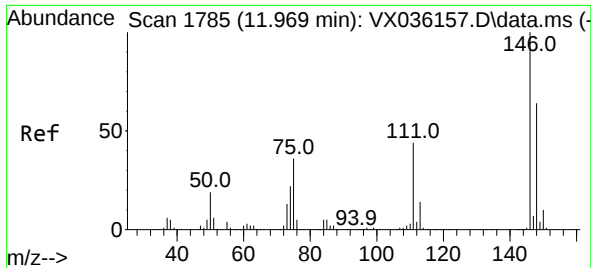


#86
 p-Isopropyltoluene
 Concen: 20.341 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX036285.D
 Acq: 23 Jun 2023 11:14



Tgt Ion:119 Resp: 210563
 Ion Ratio Lower Upper
 119 100
 134 26.8 12.8 38.3
 91 25.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 20.065 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036285.D

Acq: 23 Jun 2023 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 10943

Ion Ratio Lower Upper

146 100

111 41.6 22.1 66.1

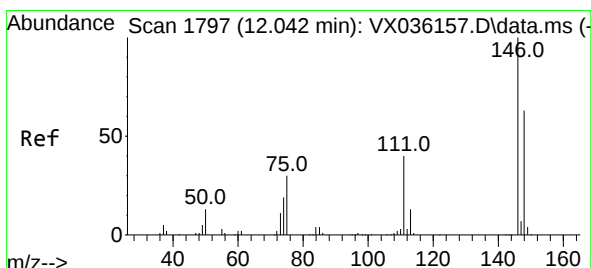
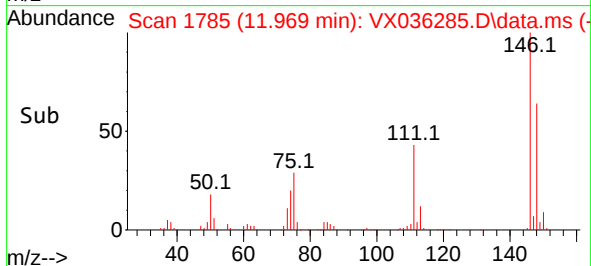
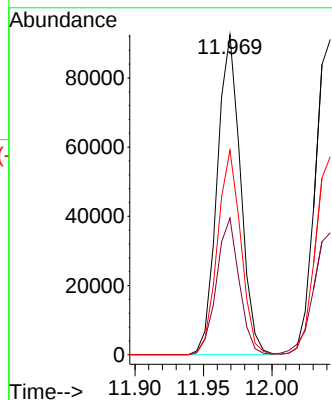
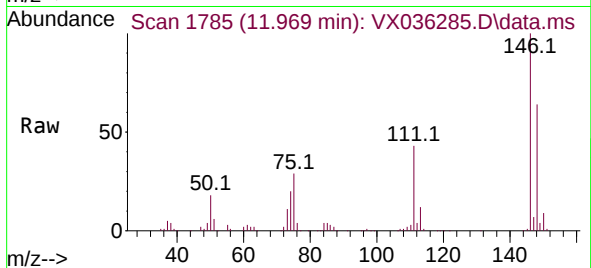
148 63.8 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#88

1,4-Dichlorobenzene

Concen: 20.337 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX036285.D

Acq: 23 Jun 2023 11:14

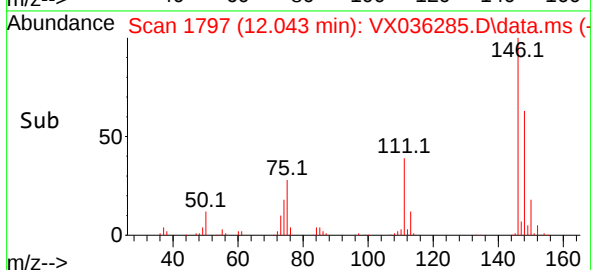
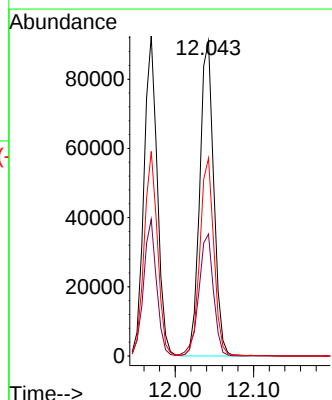
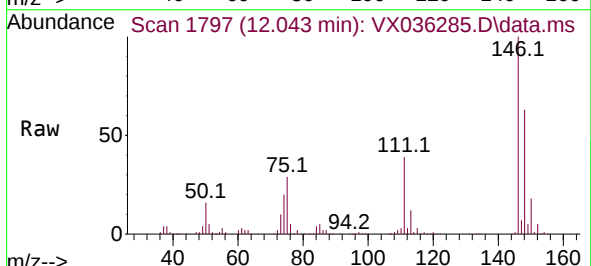
Tgt Ion:146 Resp: 113613

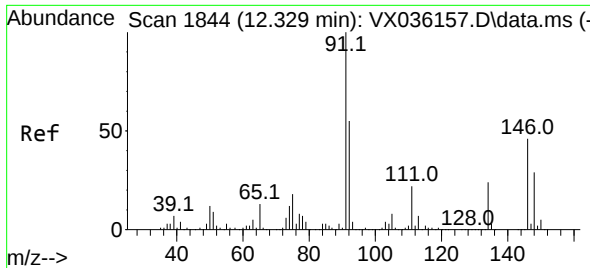
Ion Ratio Lower Upper

146 100

111 40.4 21.3 63.7

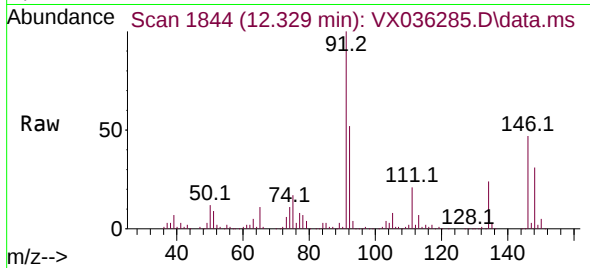
148 62.6 31.8 95.4





#89
n-Butylbenzene
Concen: 20.065 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

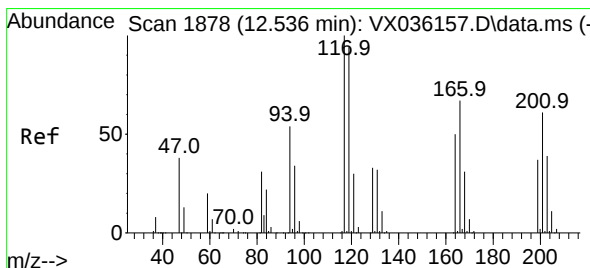
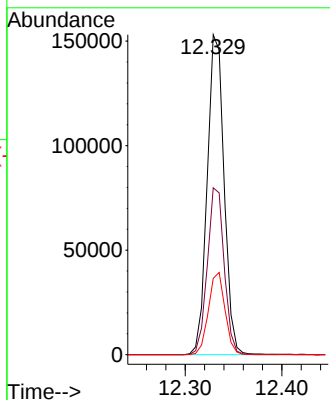
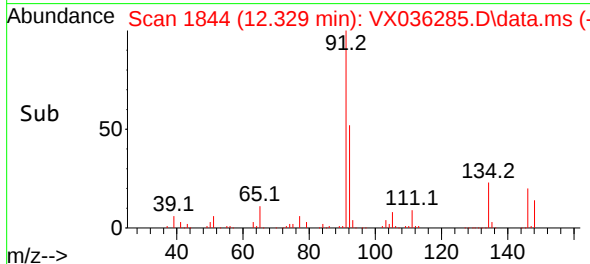
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



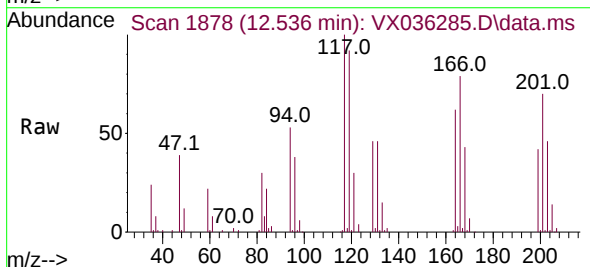
Tgt Ion: 91 Resp: 18536
Ion Ratio Lower Upper
91 100
92 52.2 27.4 82.0
134 25.3 12.6 37.8

Manual Integrations
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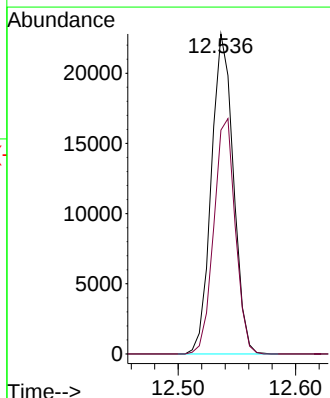
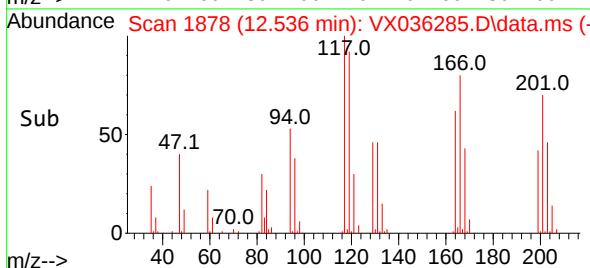
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

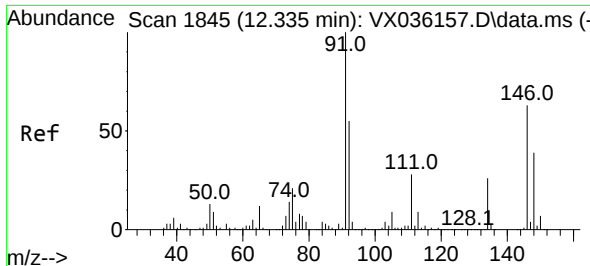


#90
Hexachloroethane
Concen: 18.341 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14



Tgt Ion:117 Resp: 29781
Ion Ratio Lower Upper
117 100
201 71.7 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 20.458 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

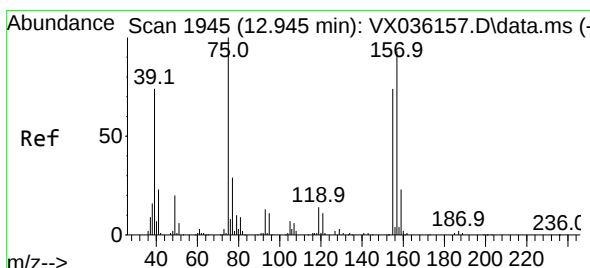
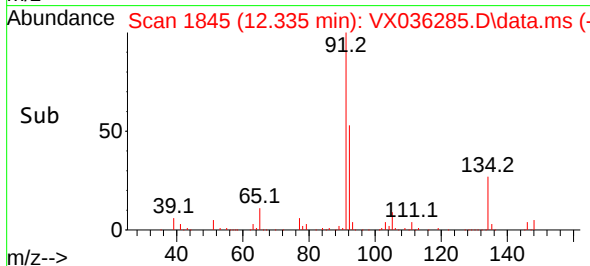
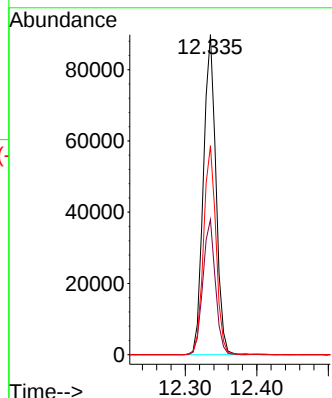
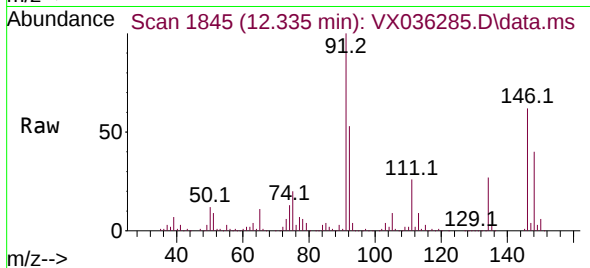
Tgt Ion:146 Resp: 109500
Ion Ratio Lower Upper
146 100
111 42.0 22.4 67.0
148 64.6 31.6 95.0

Manual Integrations

APPROVED

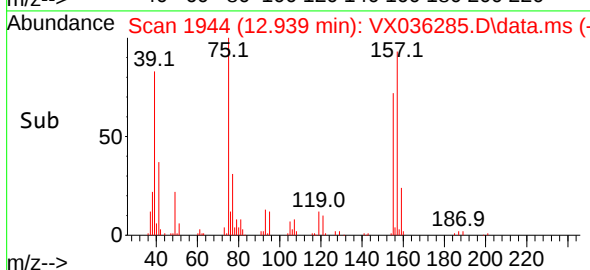
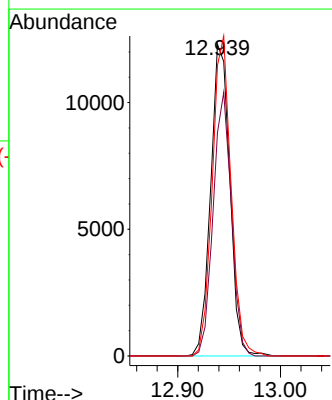
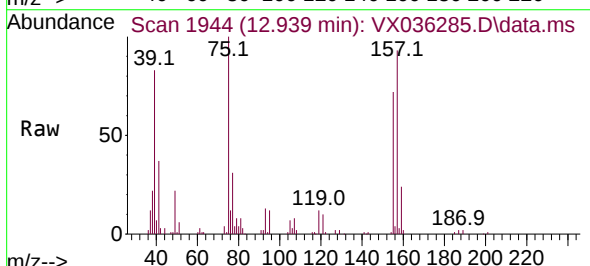
Reviewed By :John Carlone 06/24/2023

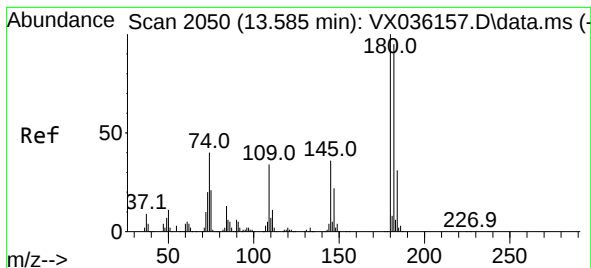
Supervised By :Mahesh Dadoda 06/26/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.311 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

Tgt Ion: 75 Resp: 15959
Ion Ratio Lower Upper
75 100
155 80.1 36.1 108.5
157 100.4 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 21.456 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX036285.D

Acq: 23 Jun 2023 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:180 Resp: 65104

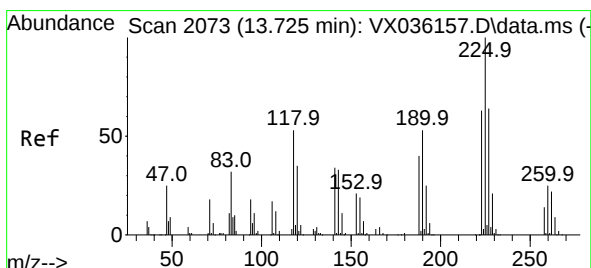
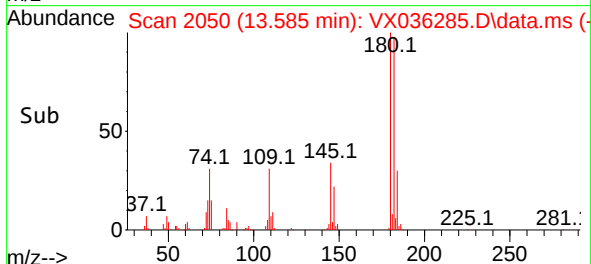
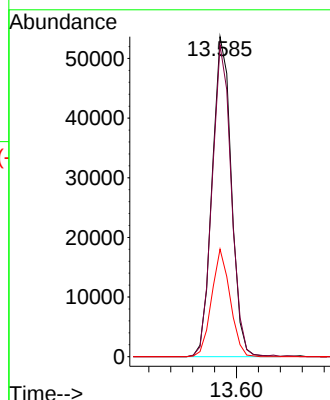
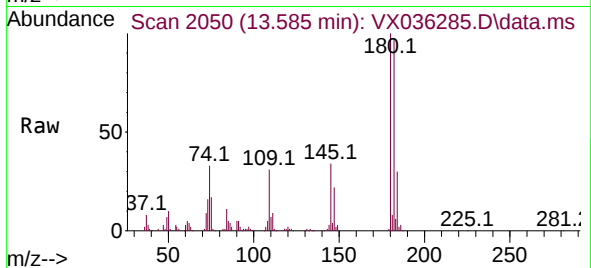
Ion	Ratio	Lower	Upper
180	100		
182	97.6	48.3	144.8
145	32.4	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#94

Hexachlorobutadiene

Concen: 21.656 ug/l

RT: 13.725 min Scan# 2073

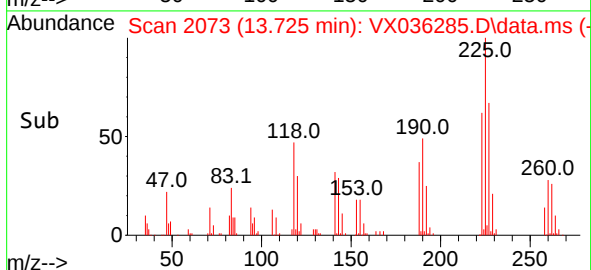
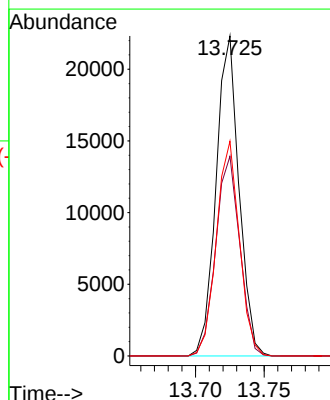
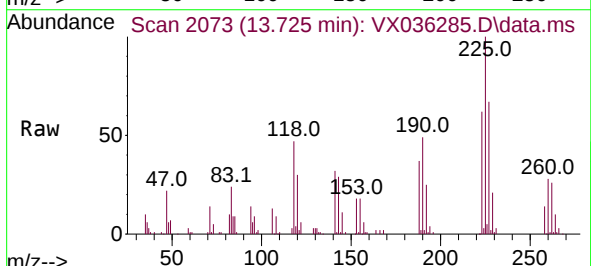
Delta R.T. 0.000 min

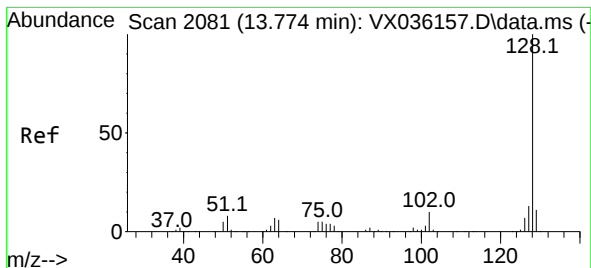
Lab File: VX036285.D

Acq: 23 Jun 2023 11:14

Tgt Ion:225 Resp: 25977

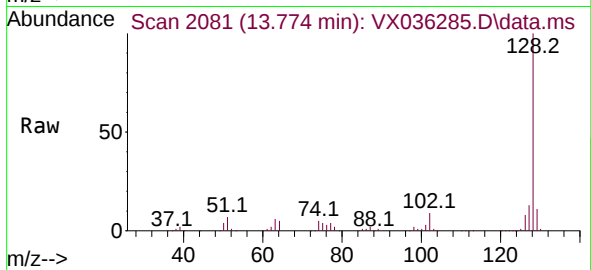
Ion	Ratio	Lower	Upper
225	100		
223	65.2	31.1	93.2
227	67.3	32.5	97.5





#95
Naphthalene
Concen: 21.536 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14

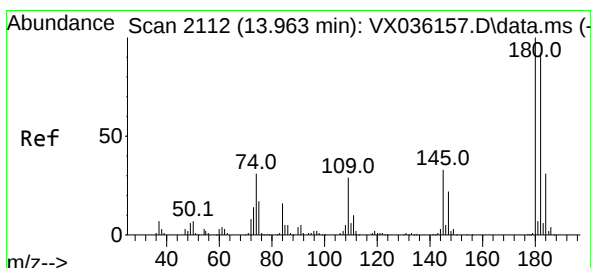
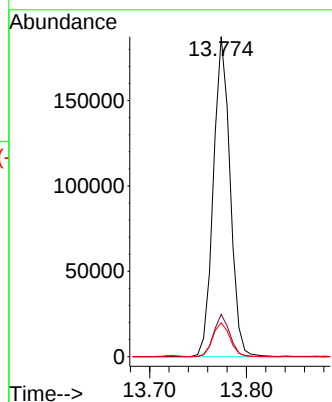
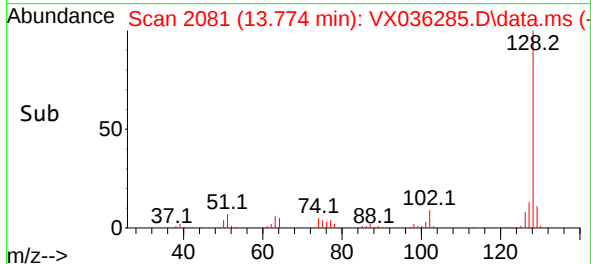
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



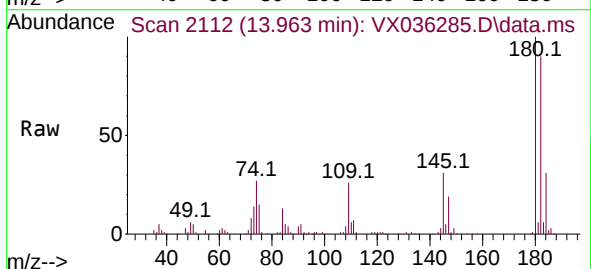
Tgt Ion:128 Resp: 225400
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#96
1,2,3-Trichlorobenzene
Concen: 21.410 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX036285.D
Acq: 23 Jun 2023 11:14



Tgt Ion:180 Resp: 65145
Ion Ratio Lower Upper
180 100
182 96.0 46.9 140.6
145 33.0 17.8 53.5

