

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102622\
 Data File : VX032401.D
 Acq On : 26 Oct 2022 13:49
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/27/2022
 Supervised By : Mahesh Dadoda 10/31/2022

Quant Time: Oct 27 07:01:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 06:59:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	121378	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	189489	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	170449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	33644	19.949	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	39.900%#		
35) Dibromofluoromethane	5.385	113	27084	20.038	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	40.080%#		
50) Toluene-d8	8.653	98	93747	19.946	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	39.900%#		
62) 4-Bromofluorobenzene	11.079	95	35898	19.553	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	39.100%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	30757	21.971	ug/l	94
3) Chloromethane	1.295	50	26416	22.313	ug/l	99
4) Vinyl Chloride	1.374	62	28500	21.873	ug/l	98
5) Bromomethane	1.605	94	20675	19.856	ug/l	100
6) Chloroethane	1.685	64	17811	20.376	ug/l	96
7) Trichlorofluoromethane	1.886	101	51341	20.796	ug/l	99
8) Diethyl Ether	2.130	74	16266	20.331	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	26063	20.002	ug/l	99
10) Methyl Iodide	2.453	142	27317	20.169	ug/l	100
11) Tert butyl alcohol	2.959	59	23845	97.142	ug/l	100
12) 1,1-Dichloroethene	2.319	96	25223	20.721	ug/l	95
13) Acrolein	2.233	56	24411	99.615	ug/l	99
14) Allyl chloride	2.666	41	39310	20.259	ug/l	100
15) Acrylonitrile	3.063	53	66608	99.983	ug/l	99
16) Acetone	2.380	43	58944	96.161	ug/l	99
17) Carbon Disulfide	2.514	76	59820	20.632	ug/l	100
18) Methyl Acetate	2.703	43	41115	20.627	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	84729	19.804	ug/l	98
20) Methylene Chloride	2.788	84	27924	19.869	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	26369	19.901	ug/l	96
22) Diisopropyl ether	3.758	45	83266	19.839	ug/l #	86
23) Vinyl Acetate	3.721	43	338698	99.884	ug/l	100
24) 1,1-Dichloroethane	3.611	63	48462	20.074	ug/l	99
25) 2-Butanone	4.556	43	91418	96.263	ug/l	98
26) 2,2-Dichloropropane	4.477	77	38331	19.974	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	30995	20.238	ug/l	100
28) Bromochloromethane	4.904	49	16952	19.714	ug/l	100
29) Tetrahydrofuran	5.007	42	58424	96.471	ug/l	99
30) Chloroform	5.099	83	52724	19.903	ug/l	98
31) Cyclohexane	5.471	56	42545	20.806	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	47580	20.016	ug/l	99
36) 1,1-Dichloropropene	5.696	75	37954	20.164	ug/l	99
37) Ethyl Acetate	4.715	43	36444	18.601	ug/l	99
38) Carbon Tetrachloride	5.678	117	41763	20.005	ug/l	99
39) Methylcyclohexane	7.385	83	46121	20.710	ug/l	100
40) Benzene	6.038	78	107648	20.210	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	20291	20.330	ug/l	98
42) 1,2-Dichloroethane	6.092	62	44329	20.360	ug/l	99
43) Isopropyl Acetate	6.342	43	60197	20.011	ug/l	100
44) Trichloroethene	7.129	130	29943	19.970	ug/l	99
45) 1,2-Dichloropropane	7.434	63	27907	20.410	ug/l	97
46) Dibromomethane	7.586	93	21466	20.471	ug/l	97
47) Bromodichloromethane	7.824	83	39921	20.087	ug/l	99
48) Methyl methacrylate	7.696	41	30655	19.731	ug/l	99
49) 1,4-Dioxane	7.665	88	11505	388.575	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	191217	100.917	ug/l	100
52) Toluene	8.720	92	70126	20.180	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	39617	19.538	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	43247	19.940	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	29002	19.817	ug/l	98
56) Ethyl methacrylate	9.116	69	41867	19.879	ug/l	98
57) 1,3-Dichloropropane	9.311	76	47141	19.946	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.245	63	105988	104.514	ug/l	98
59) 2-Hexanone	9.433	43	141427	100.591	ug/l	99
60) Dibromochloromethane	9.519	129	30309	18.961	ug/l	97
61) 1,2-Dibromoethane	9.610	107	31287	20.176	ug/l	98
64) Tetrachloroethene	9.275	164	25064	20.090	ug/l	94
65) Chlorobenzene	10.080	112	76361	20.000	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	27943	19.445	ug/l	99
67) Ethyl Benzene	10.195	91	137306	20.110	ug/l	99
68) m/p-Xylenes	10.305	106	106068	40.007	ug/l	100
69) o-Xylene	10.640	106	51182	19.855	ug/l	97
70) Styrene	10.659	104	85306	19.913	ug/l	100
71) Bromoform	10.799	173	21409	18.843	ug/l #	100
73) Isopropylbenzene	10.964	105	137885	19.777	ug/l	100
74) N-amyl acetate	10.842	43	53061	20.142	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	44183	19.743	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	39373m	21.305	ug/l	
77) Bromobenzene	11.201	156	33093	19.361	ug/l	98
78) n-propylbenzene	11.305	91	159121	19.809	ug/l	99
79) 2-Chlorotoluene	11.366	91	93972	19.535	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	118778	19.934	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	11510	18.711	ug/l	95
82) 4-Chlorotoluene	11.457	91	110094	19.558	ug/l	99
83) tert-Butylbenzene	11.713	119	117838	19.808	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	120749	20.375	ug/l	99
85) sec-Butylbenzene	11.890	105	145211	20.286	ug/l	99
86) p-Isopropyltoluene	12.012	119	122857	20.227	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	63217	19.607	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	64455	19.271	ug/l	99
89) n-Butylbenzene	12.335	91	104561	19.788	ug/l	99
90) Hexachloroethane	12.543	117	19480	19.635	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	63445	19.957	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9880	20.136	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	40531	19.553	ug/l	98
94) Hexachlorobutadiene	13.725	225	16499	19.058	ug/l	98
95) Naphthalene	13.780	128	137764	19.945	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	41110	19.510	ug/l	100

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QLast Update : Thu Oct 27 06:59:10 2022
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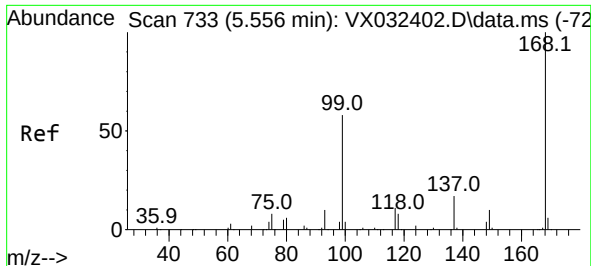
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

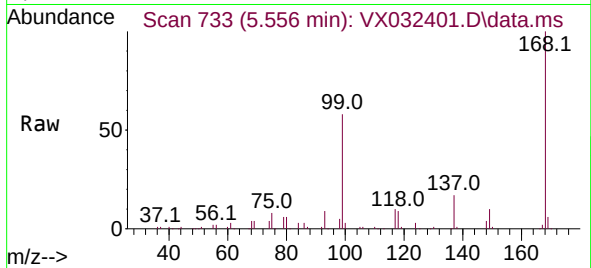
Quant Time: Oct 27 07:01:11 2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX032401.D
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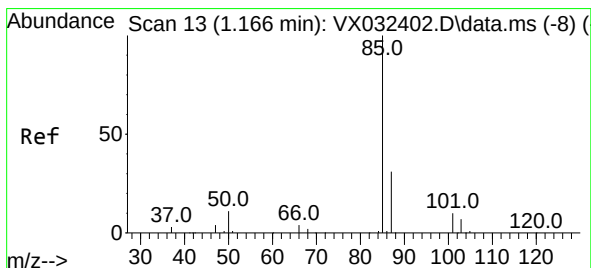
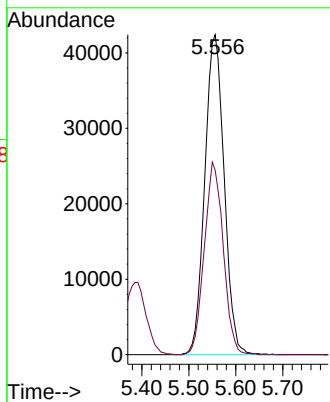
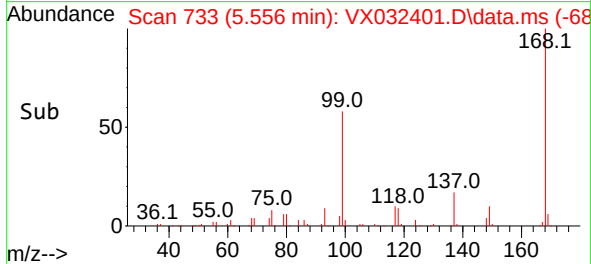
Instrument :
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Tgt Ion:168 Resp: 121378
Ion Ratio Lower Upper
168 100
99 57.7 46.1 69.1

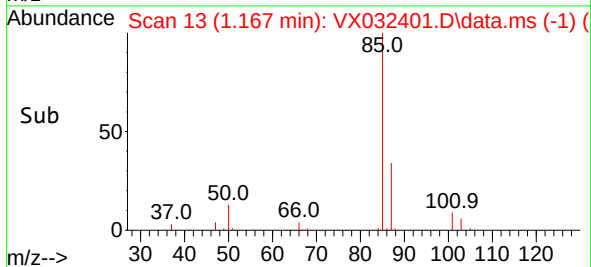
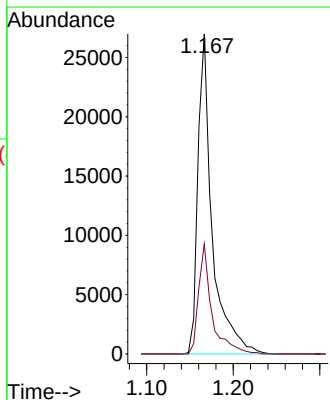
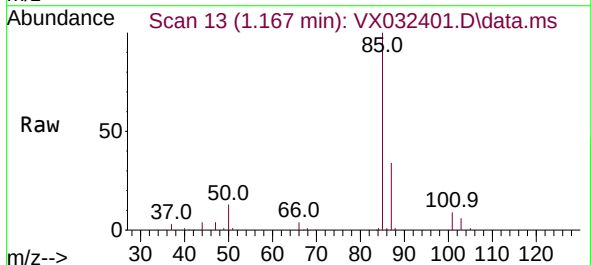
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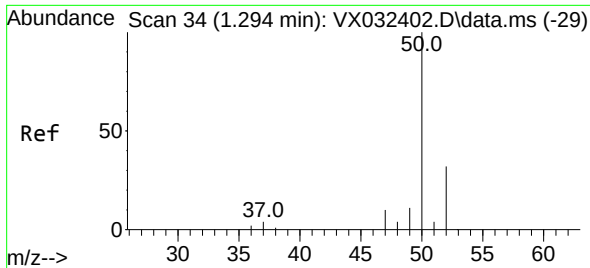
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#2
Dichlorodifluoromethane
Concen: 21.971 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

Tgt Ion: 85 Resp: 30757
Ion Ratio Lower Upper
85 100
87 34.4 15.6 46.7





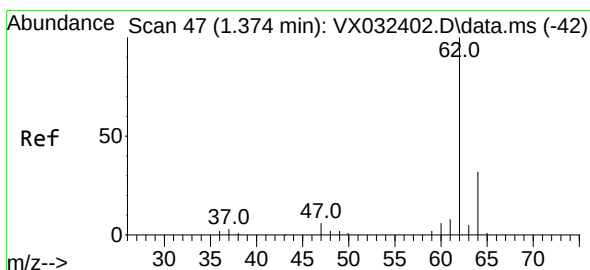
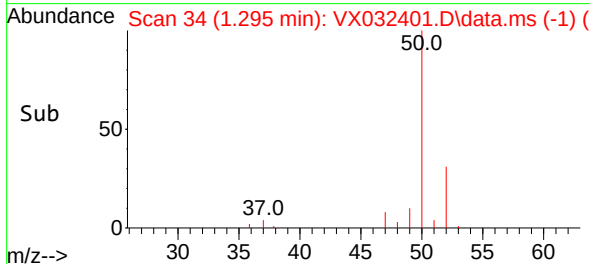
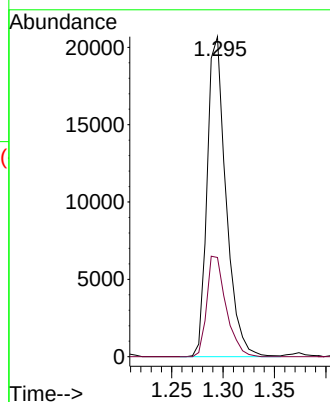
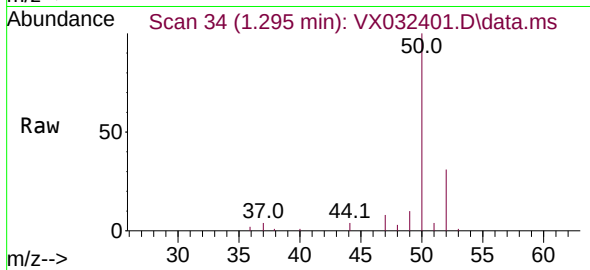
#3
Chloromethane
Concen: 22.313 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

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MSVOA_X
ClientSampleId :
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Tgt Ion: 50 Resp: 26410
Ion Ratio Lower Upper
50 100
52 31.0 25.4 38.2

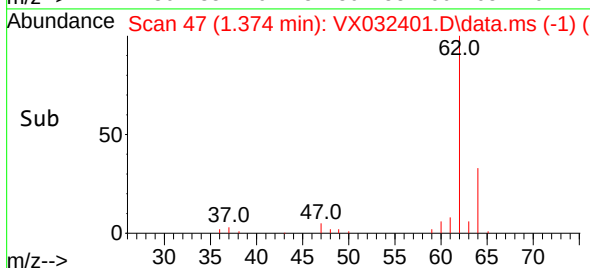
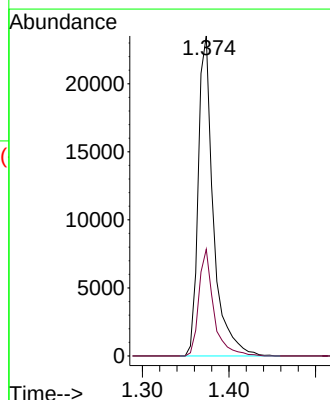
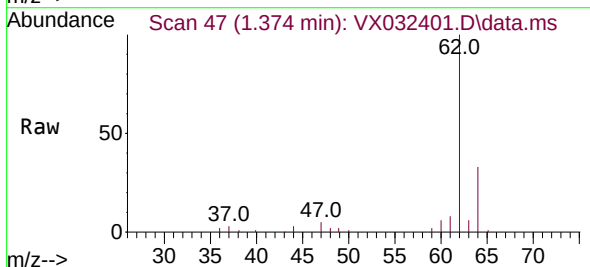
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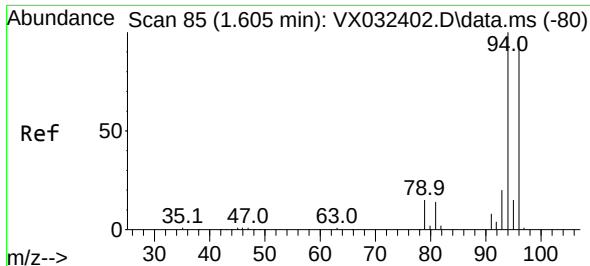
Reviewed By :John Carlone 10/27/2022
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#4
Vinyl Chloride
Concen: 21.873 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

Tgt Ion: 62 Resp: 28500
Ion Ratio Lower Upper
62 100
64 33.3 25.8 38.6





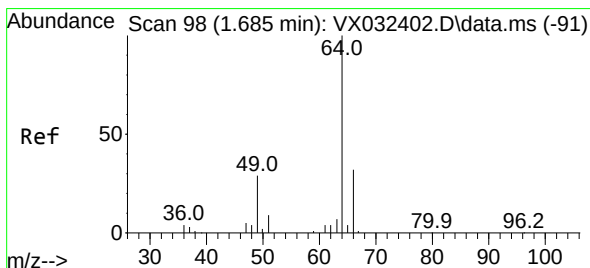
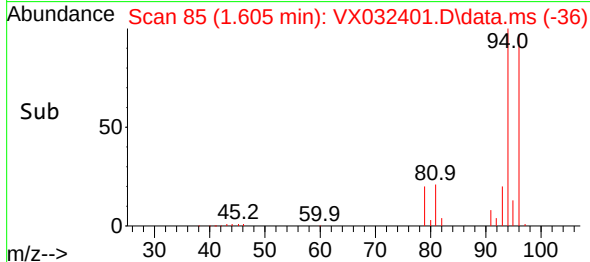
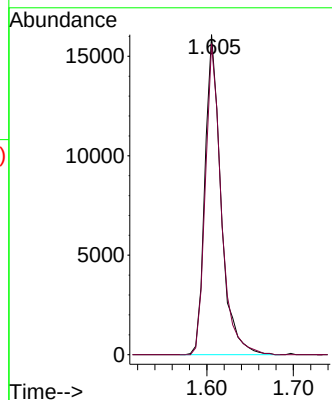
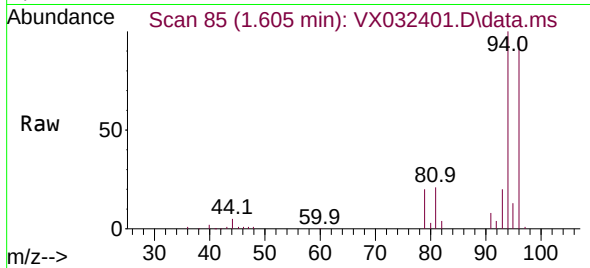
#5
Bromomethane
Concen: 19.856 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.000 min
Lab File: VX032401.D
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 94 Resp: 20675
Ion Ratio Lower Upper
94 100
96 97.1 77.6 116.4

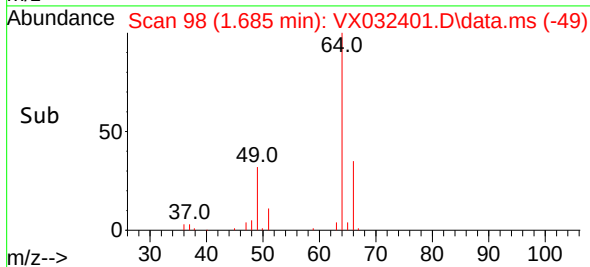
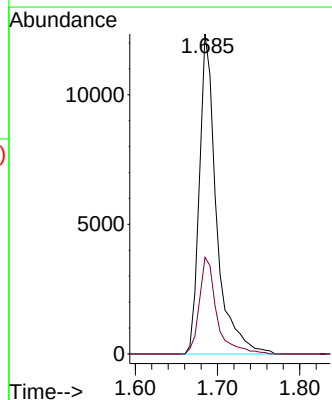
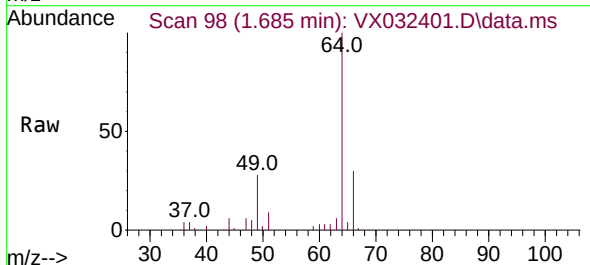
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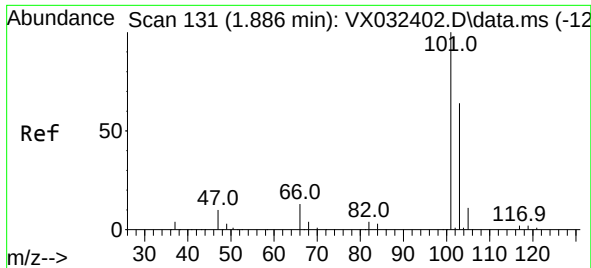
Reviewed By :John Carlone 10/27/2022
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#6
Chloroethane
Concen: 20.376 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX032401.D
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Tgt Ion: 64 Resp: 17811
Ion Ratio Lower Upper
64 100
66 30.2 26.0 39.0





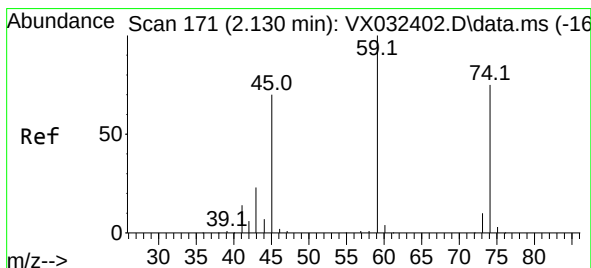
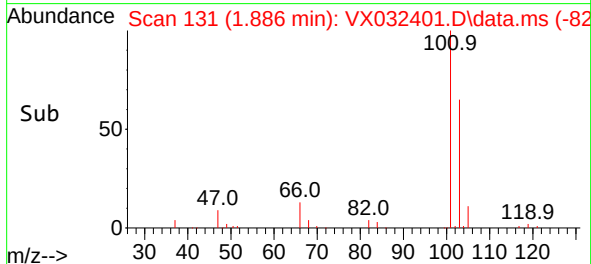
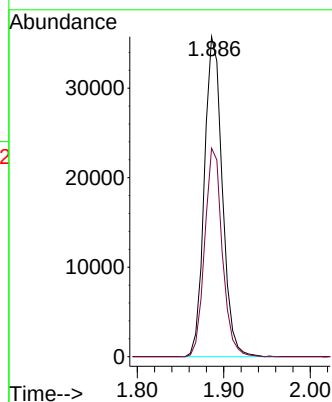
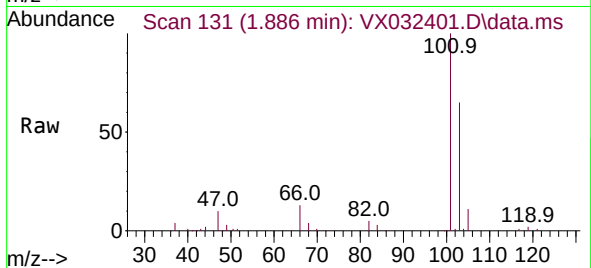
#7
Trichlorofluoromethane
Concen: 20.796 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 5134
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.2

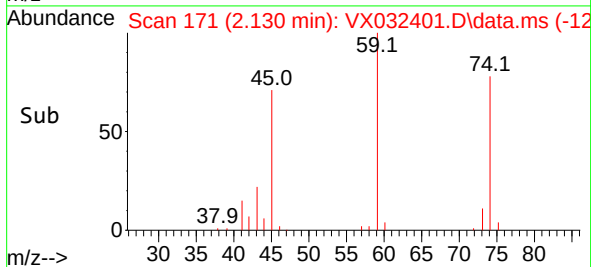
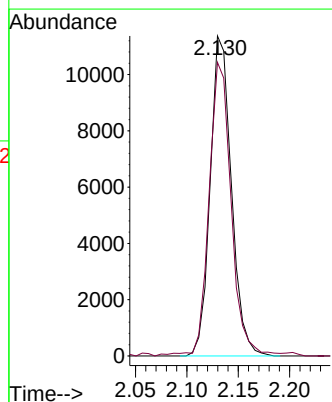
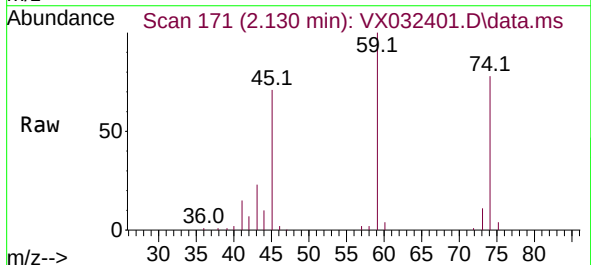
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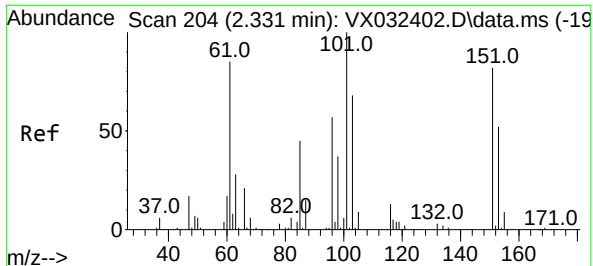
Reviewed By :John Carlone 10/27/2022
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#8
Diethyl Ether
Concen: 20.331 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 16266
Ion Ratio Lower Upper
74 100
45 95.9 46.6 139.7





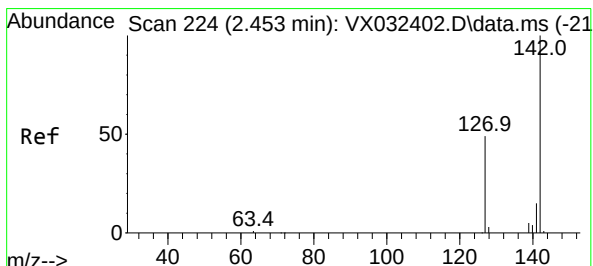
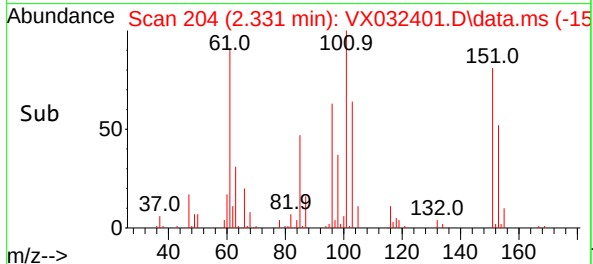
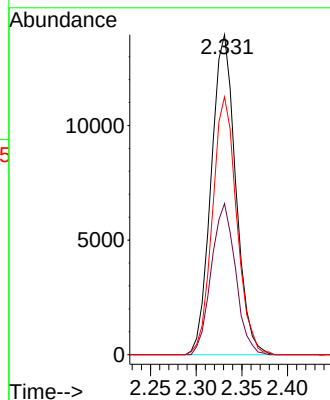
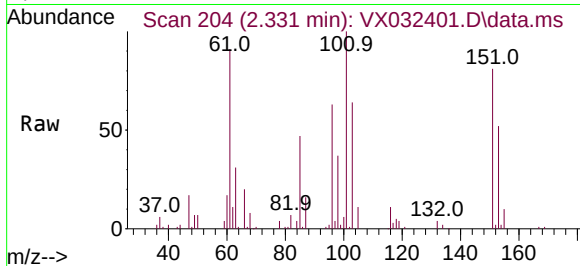
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.002 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 2606
Ion Ratio Lower Upper
101 100
85 46.5 37.0 55.4
151 79.6 64.4 96.6

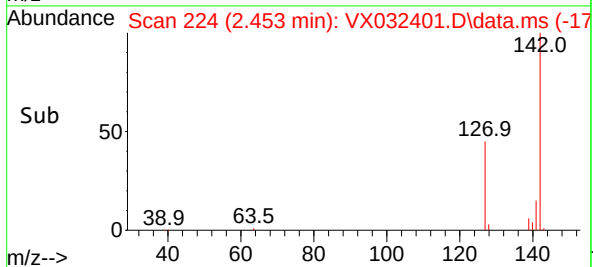
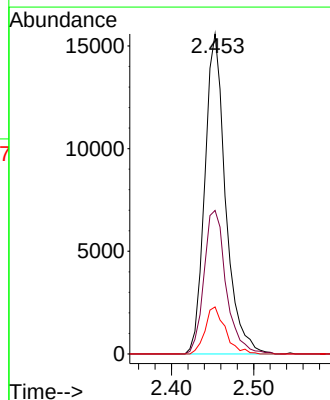
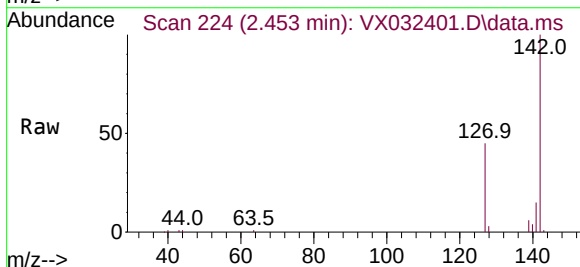
Manual Integrations
APPROVED

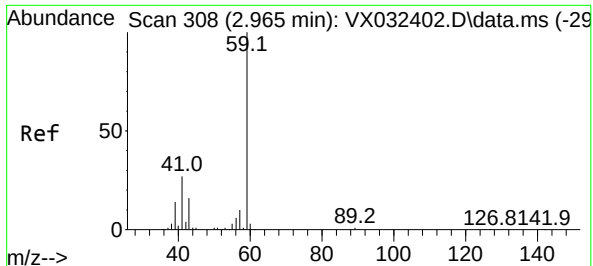
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#10
Methyl Iodide
Concen: 20.169 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

Tgt Ion:142 Resp: 27317
Ion Ratio Lower Upper
142 100
127 47.8 38.6 57.8
141 14.4 11.4 17.2





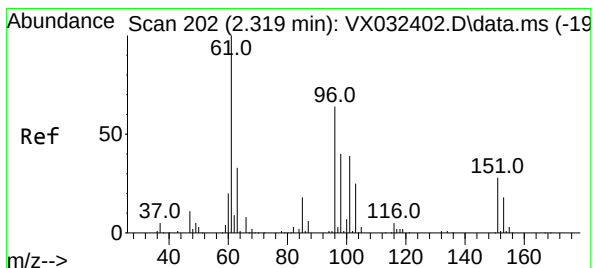
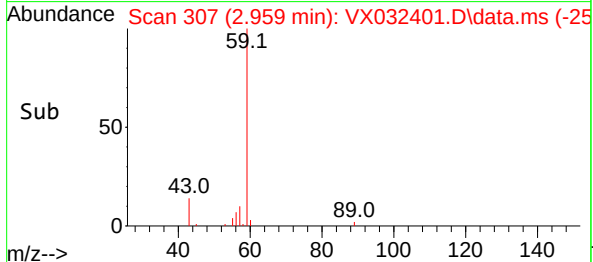
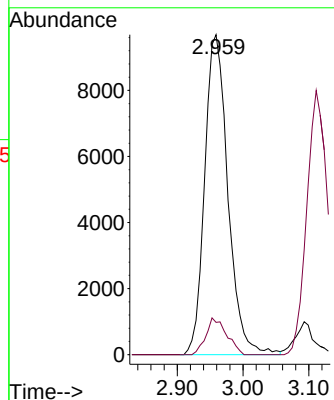
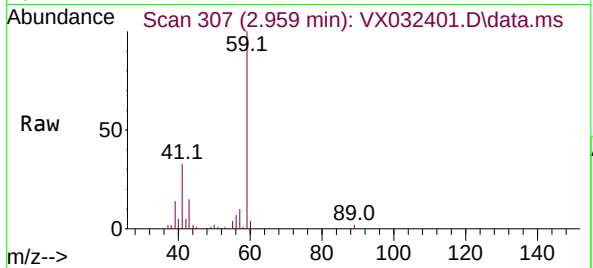
#11
Tert butyl alcohol
Concen: 97.142 ug/l
RT: 2.959 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 59 Resp: 2384
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4

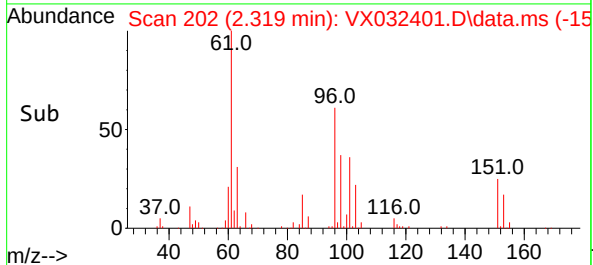
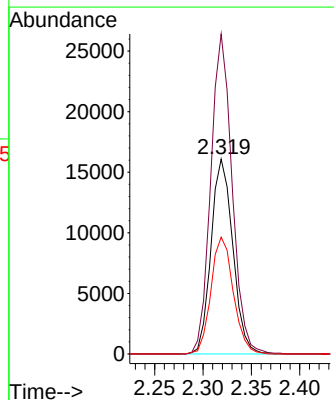
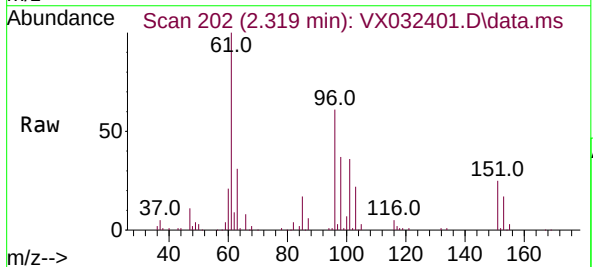
Manual Integrations
APPROVED

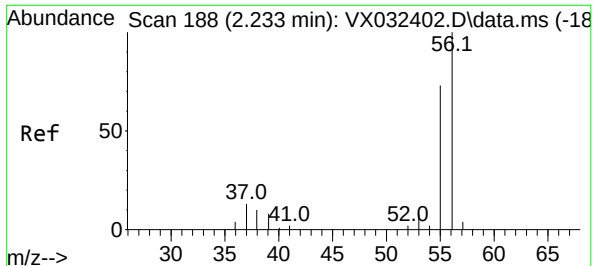
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#12
1,1-Dichloroethene
Concen: 20.721 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

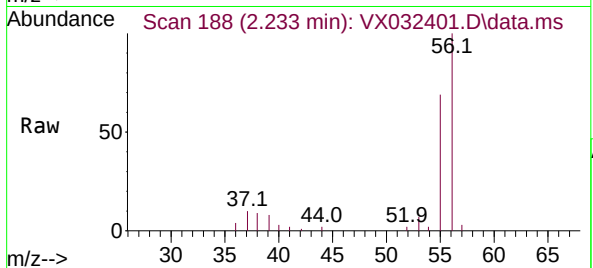
Tgt Ion: 96 Resp: 25223
Ion Ratio Lower Upper
96 100
61 164.1 125.1 187.7
98 59.9 50.6 76.0





#13
Acrolein
Concen: 99.615 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

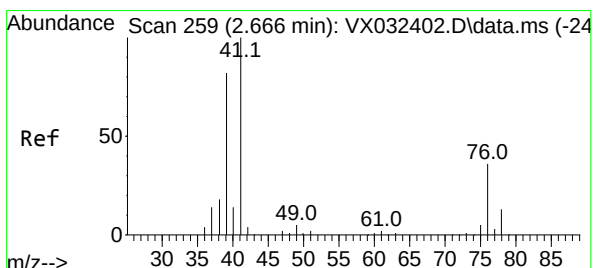
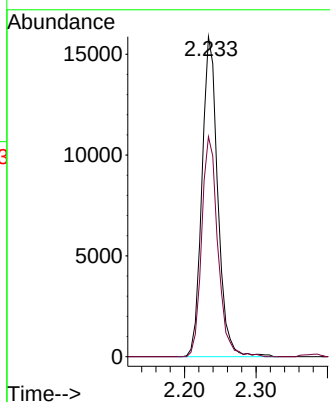
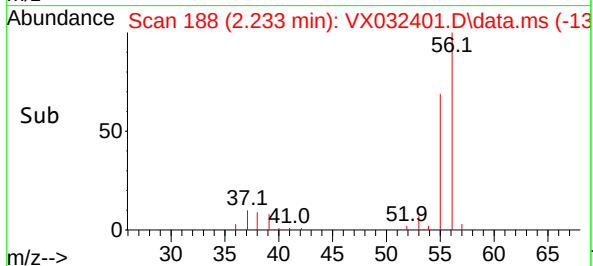
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



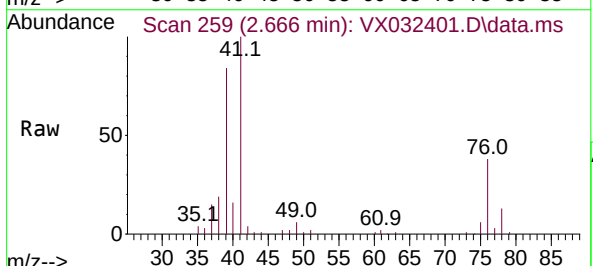
Tgt Ion: 56 Resp: 2441
Ion Ratio Lower Upper
56 100
55 70.1 56.9 85.3

Manual Integrations
APPROVED

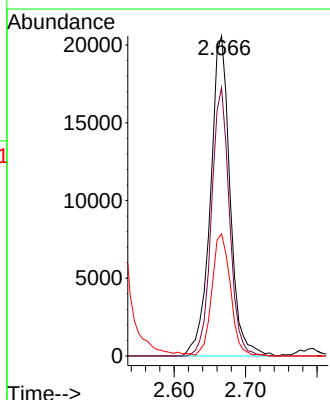
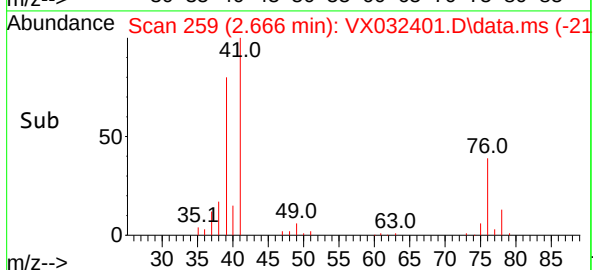
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

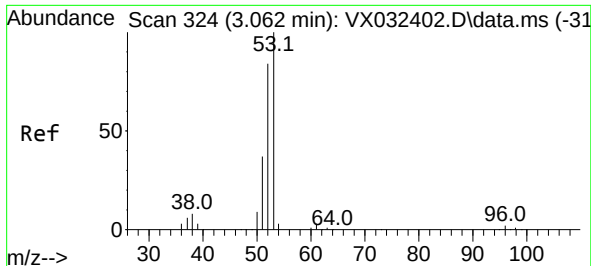


#14
Allyl chloride
Concen: 20.259 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49



Tgt Ion: 41 Resp: 39310
Ion Ratio Lower Upper
41 100
39 76.7 61.4 92.2
76 36.0 29.2 43.8





#15

Acrylonitrile

Concen: 99.983 ug/l

RT: 3.063 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX032401.D

Acq: 26 Oct 2022 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 53 Resp: 66608

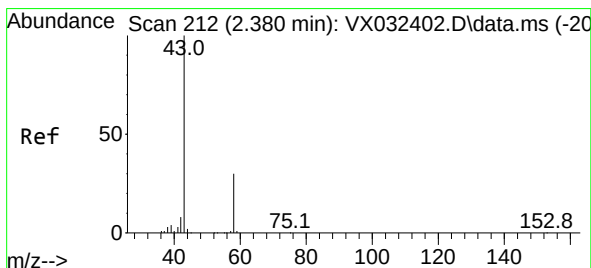
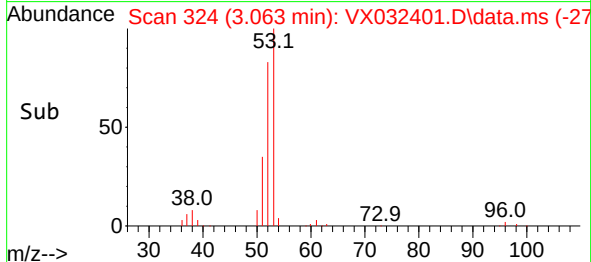
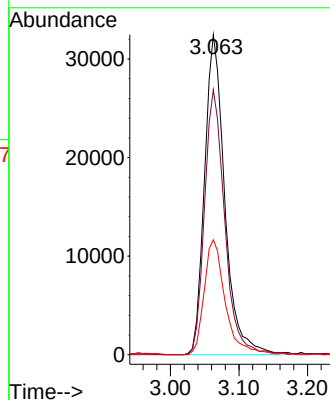
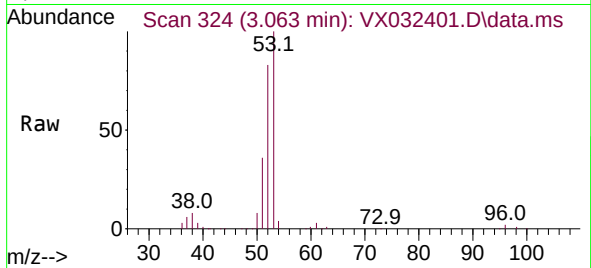
Ion	Ratio	Lower	Upper
53	100		
52	83.2	67.4	101.0
51	37.5	30.3	45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#16

Acetone

Concen: 96.161 ug/l

RT: 2.380 min Scan# 212

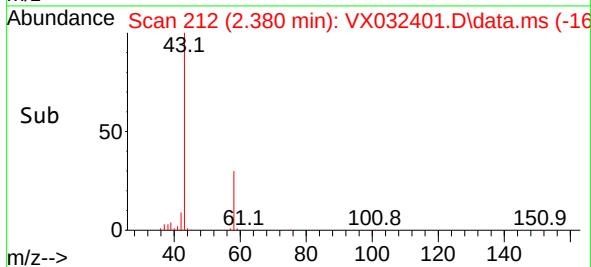
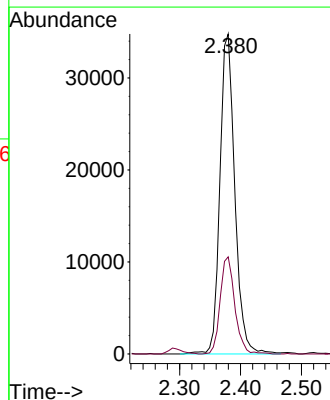
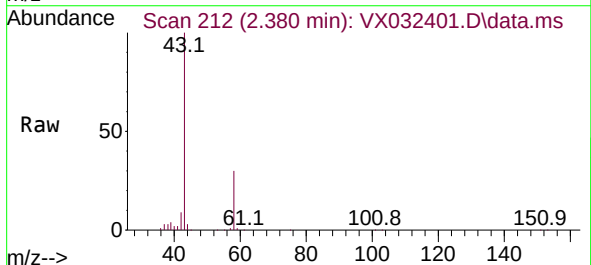
Delta R.T. 0.000 min

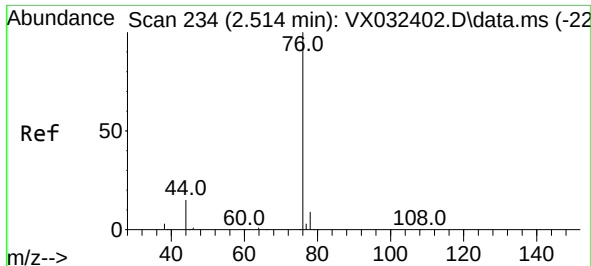
Lab File: VX032401.D

Acq: 26 Oct 2022 13:49

Tgt Ion: 43 Resp: 58944

Ion	Ratio	Lower	Upper
43	100		
58	30.4	23.8	35.8





#17

Carbon Disulfide

Concen: 20.632 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX032401.D

Acq: 26 Oct 2022 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 59820

Ion Ratio Lower Upper

76 100

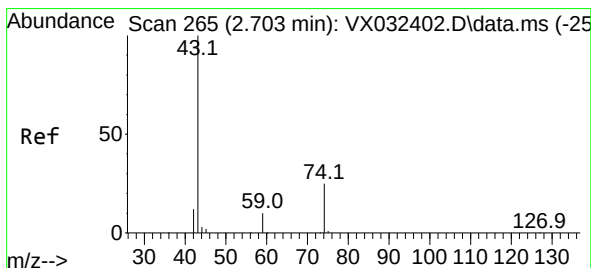
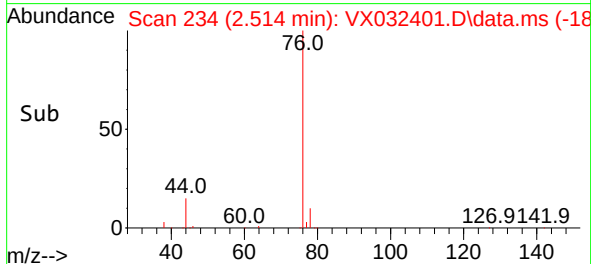
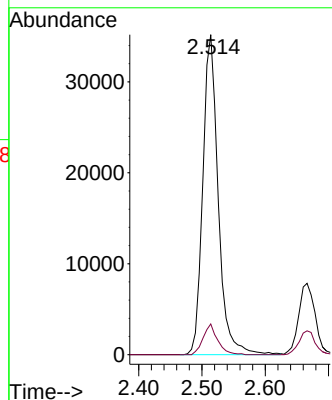
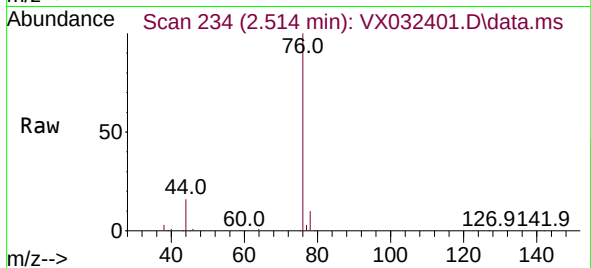
78 9.6 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#18

Methyl Acetate

Concen: 20.627 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX032401.D

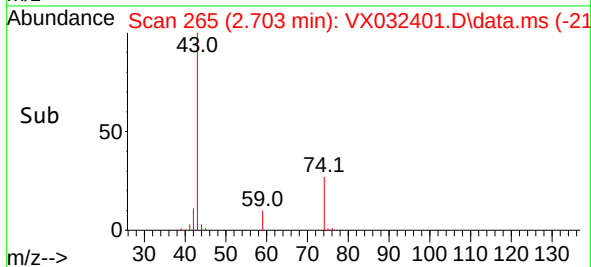
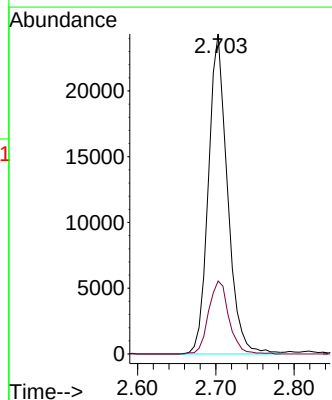
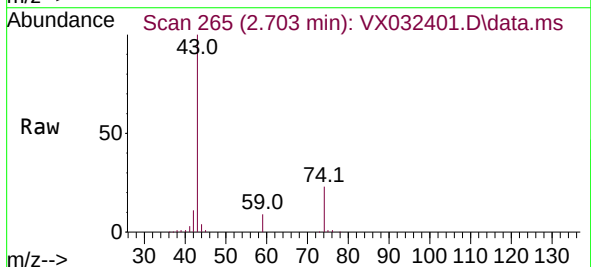
Acq: 26 Oct 2022 13:49

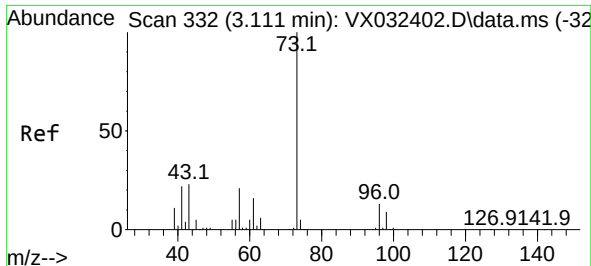
Tgt Ion: 43 Resp: 41115

Ion Ratio Lower Upper

43 100

74 24.3 19.4 29.0





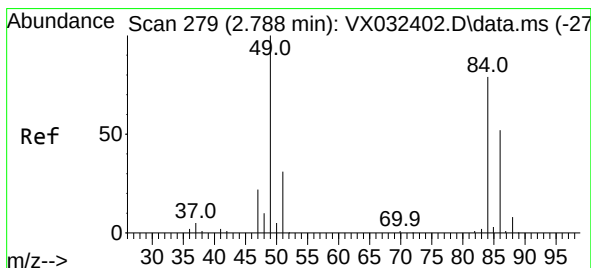
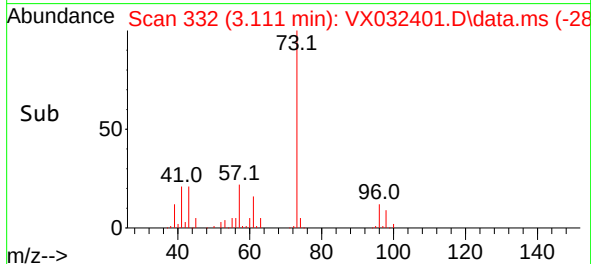
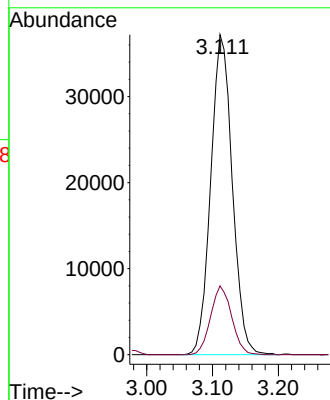
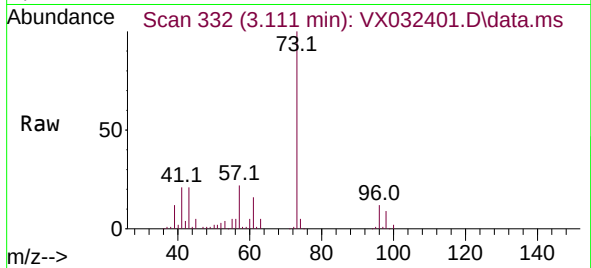
#19
Methyl tert-butyl Ether
Concen: 19.804 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 84729
Ion Ratio Lower Upper
73 100
57 21.5 16.6 25.0

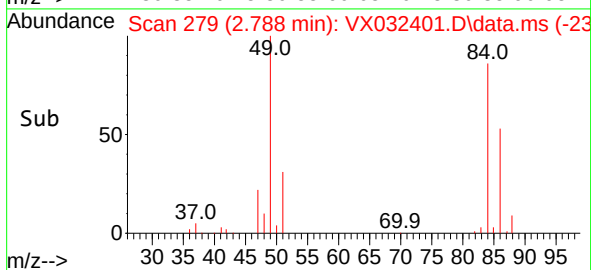
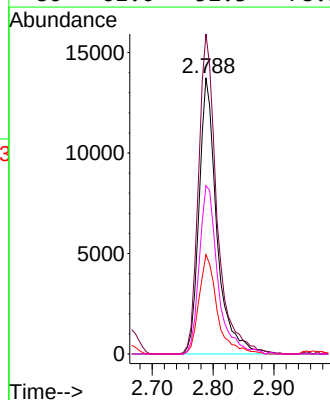
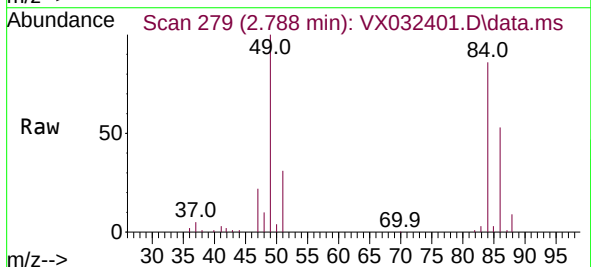
Manual Integrations
APPROVED

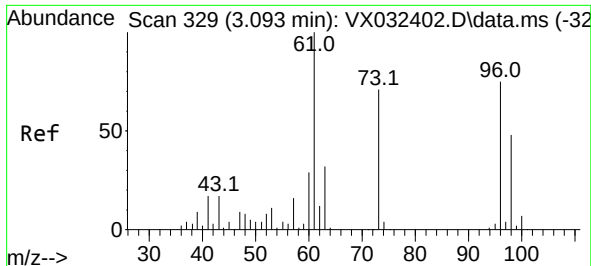
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#20
Methylene Chloride
Concen: 19.869 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

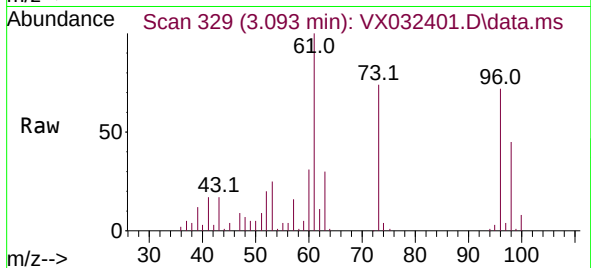
Tgt Ion: 84 Resp: 27924
Ion Ratio Lower Upper
84 100
49 115.9 101.0 151.6
51 36.0 31.1 46.7
86 61.0 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 19.901 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

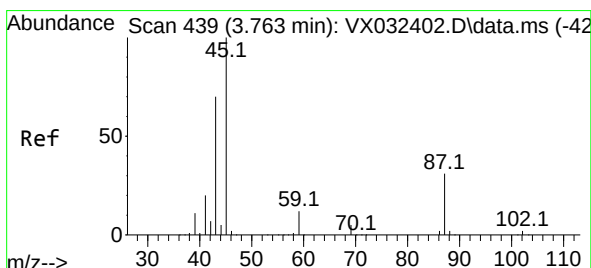
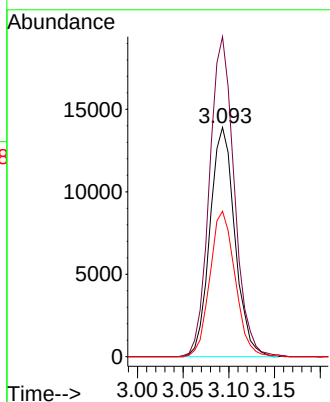
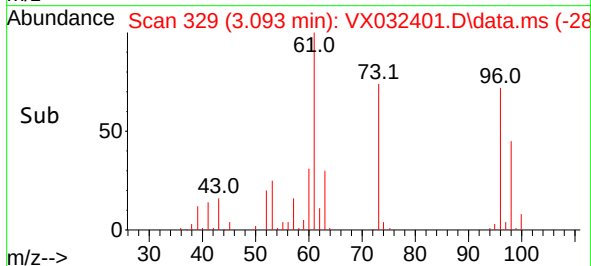
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



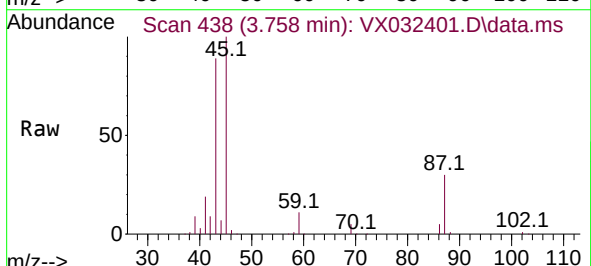
Tgt Ion: 96 Resp: 26369
Ion Ratio Lower Upper
96 100
61 139.6 106.6 160.0
98 63.4 51.0 76.6

Manual Integrations
APPROVED

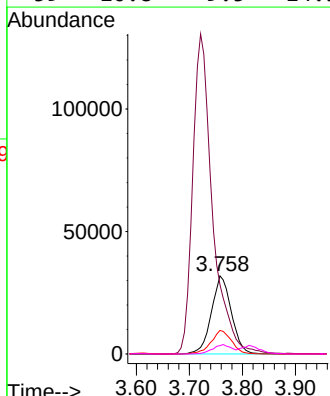
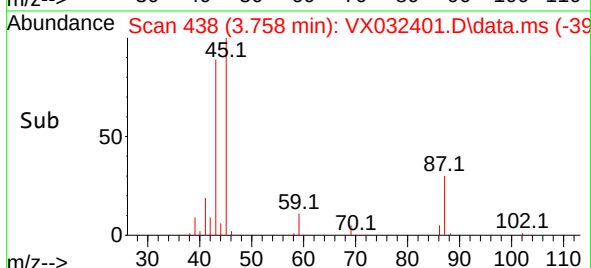
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

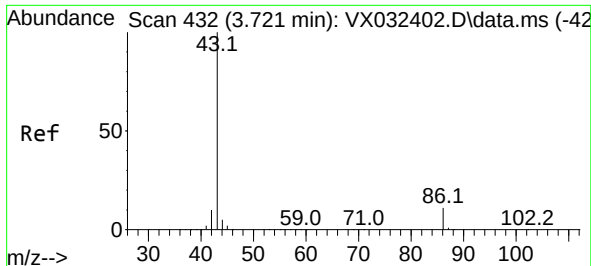


#22
Diisopropyl ether
Concen: 19.839 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49



Tgt Ion: 45 Resp: 83266
Ion Ratio Lower Upper
45 100
43 87.7 56.4 84.6#
87 30.1 24.4 36.6
59 10.8 9.5 14.3





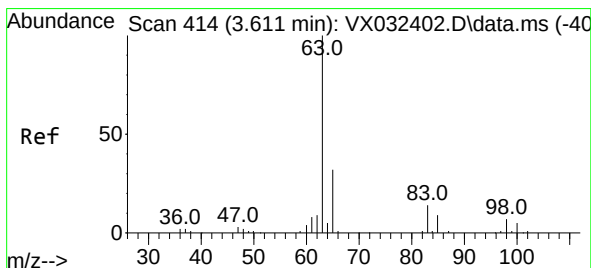
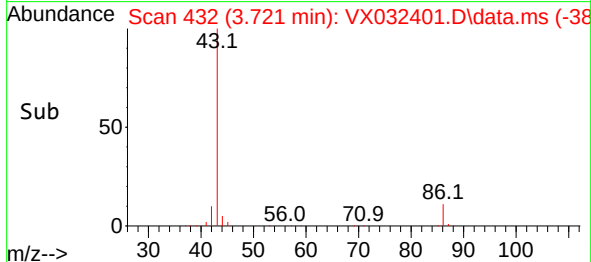
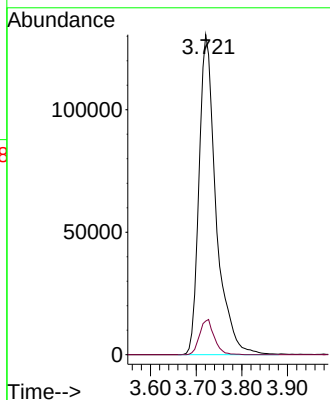
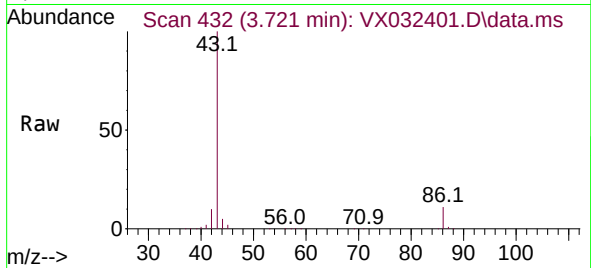
#23
 Vinyl Acetate
 Concen: 99.884 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX032401.D
 Acq: 26 Oct 2022 13:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Tgt Ion: 43 Resp: 338698
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.6 12.8

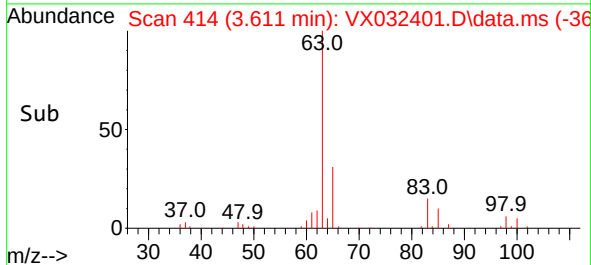
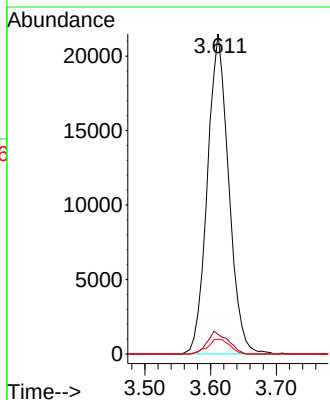
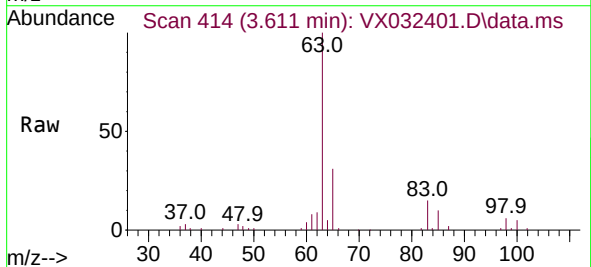
Manual Integrations
 APPROVED

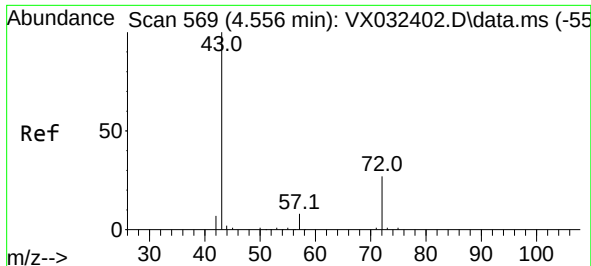
Reviewed By :John Carlone 10/27/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#24
 1,1-Dichloroethane
 Concen: 20.074 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX032401.D
 Acq: 26 Oct 2022 13:49

Tgt Ion: 63 Resp: 48462
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.5 10.4
 100 4.6 2.3 6.8





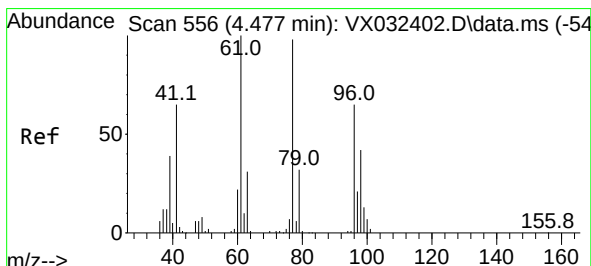
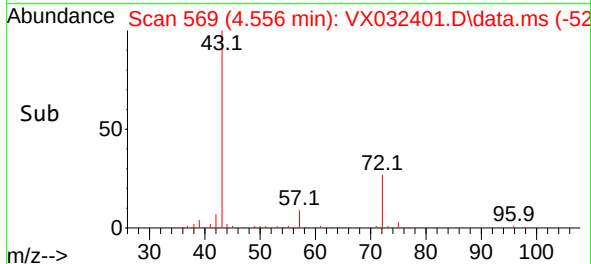
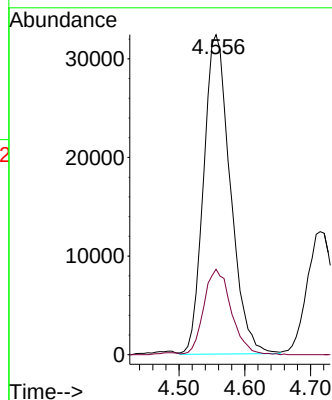
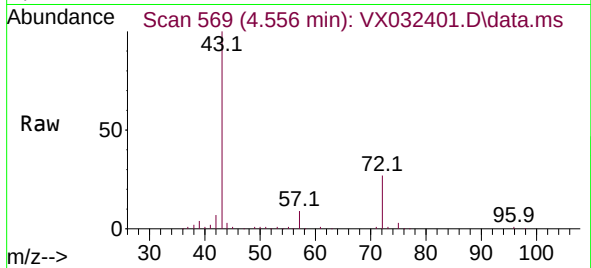
#25
2-Butanone
Concen: 96.263 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

Instrument :
MSVOA_X
Client Sample Id :
VSTDIC020

Tgt Ion: 43 Resp: 91418
Ion Ratio Lower Upper
43 100
72 26.9 22.2 33.2

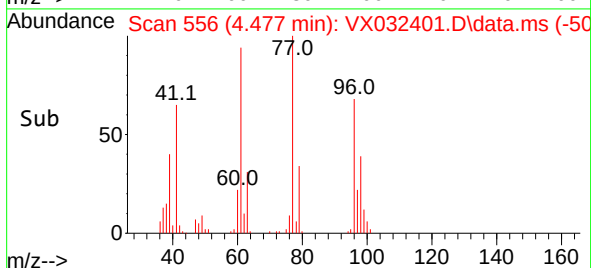
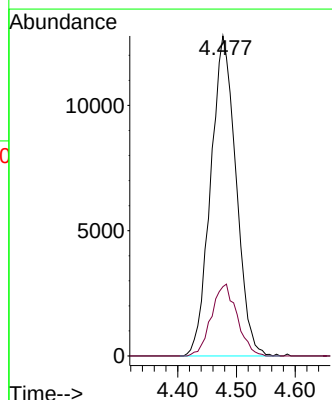
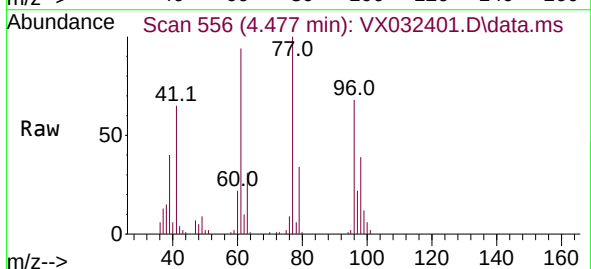
Manual Integrations
APPROVED

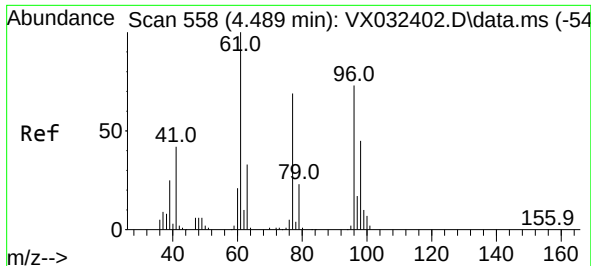
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#26
2,2-Dichloropropane
Concen: 19.974 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

Tgt Ion: 77 Resp: 38331
Ion Ratio Lower Upper
77 100
97 22.7 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 20.238 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX032401.D

Acq: 26 Oct 2022 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 96 Resp: 3099

Ion Ratio Lower Upper

96 100

61 143.1 0.0 286.0

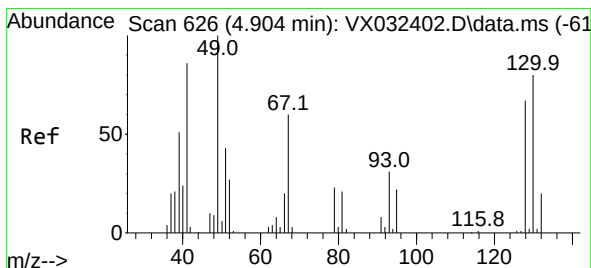
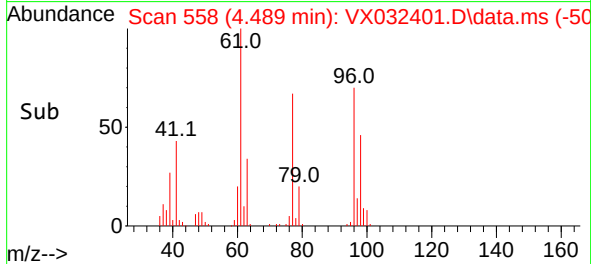
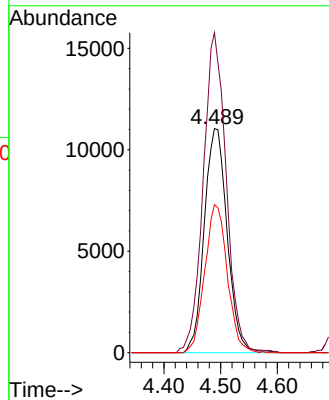
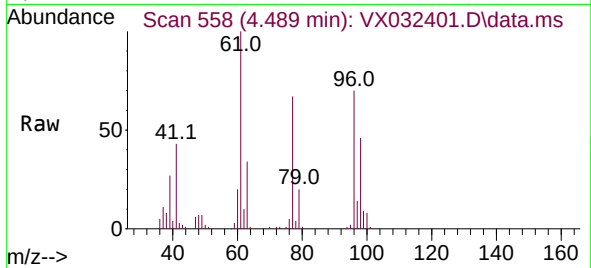
98 65.0 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#28

Bromochloromethane

Concen: 19.714 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.000 min

Lab File: VX032401.D

Acq: 26 Oct 2022 13:49

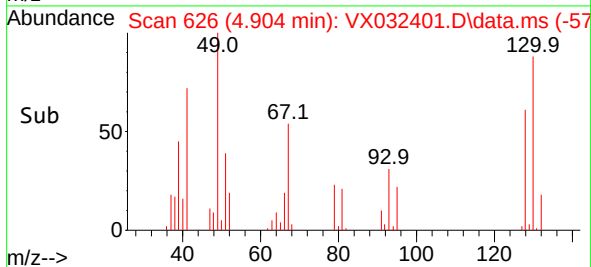
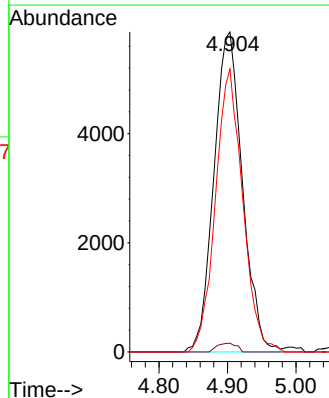
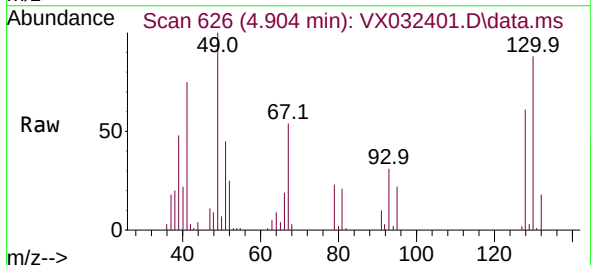
Tgt Ion: 49 Resp: 16952

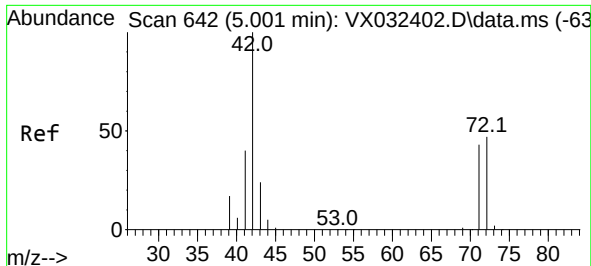
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 84.4 67.5 101.3





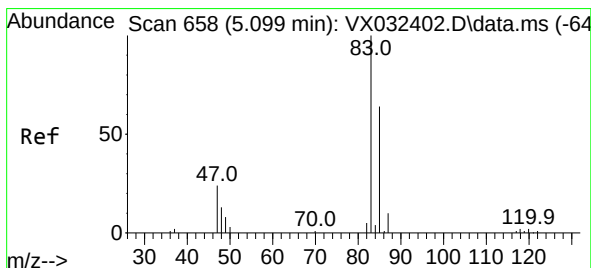
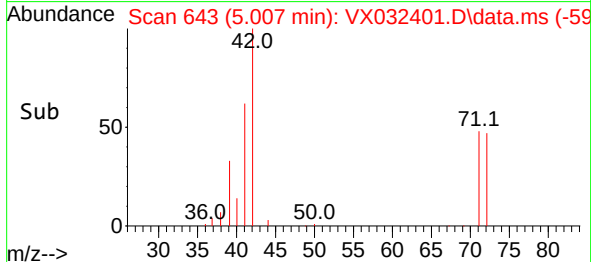
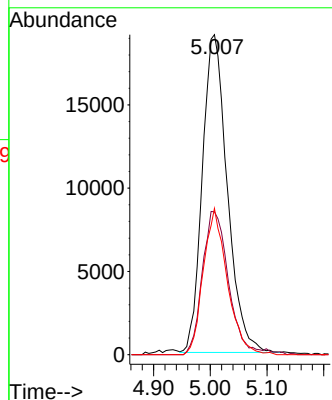
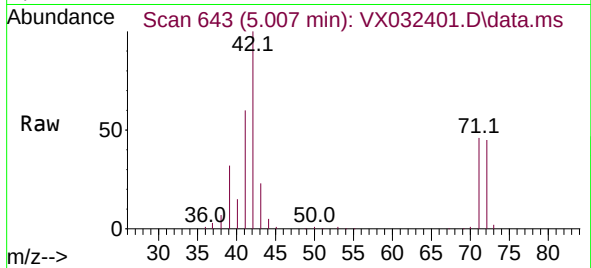
#29
Tetrahydrofuran
Concen: 96.471 ug/l
RT: 5.007 min Scan# 642
Delta R.T. 0.006 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 42 Resp: 58424
Ion Ratio Lower Upper
42 100
72 47.6 37.6 56.4
71 44.1 34.7 52.1

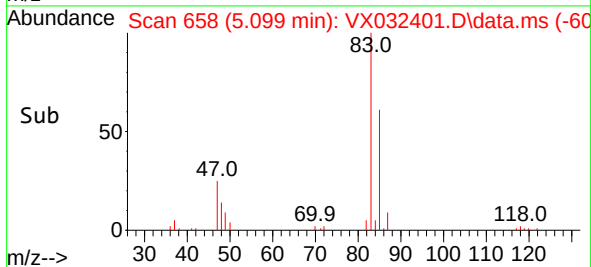
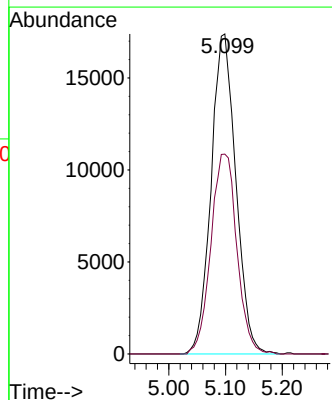
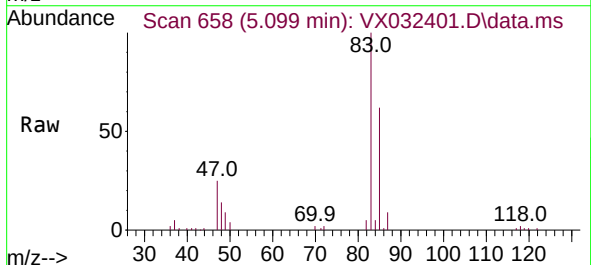
Manual Integrations
APPROVED

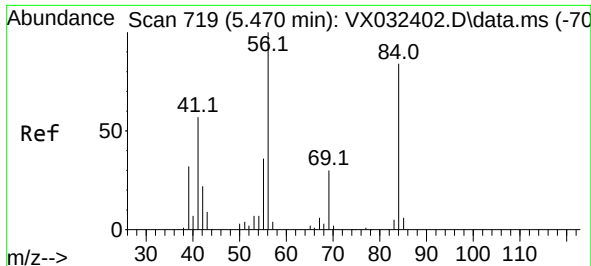
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#30
Chloroform
Concen: 19.903 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

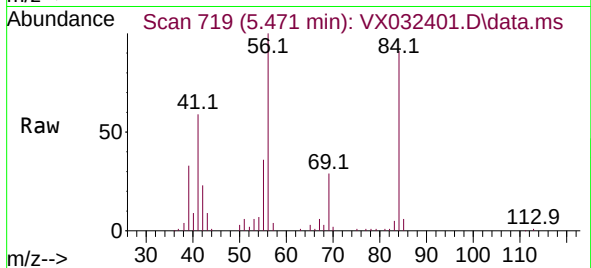
Tgt Ion: 83 Resp: 52724
Ion Ratio Lower Upper
83 100
85 62.4 51.1 76.7





#31
Cyclohexane
Concen: 20.806 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

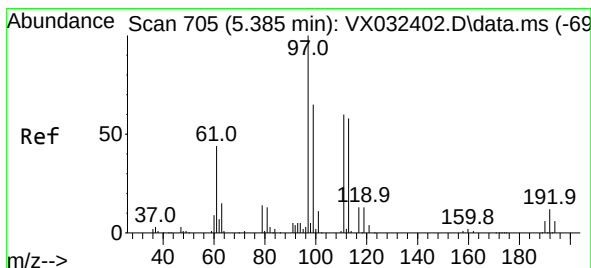
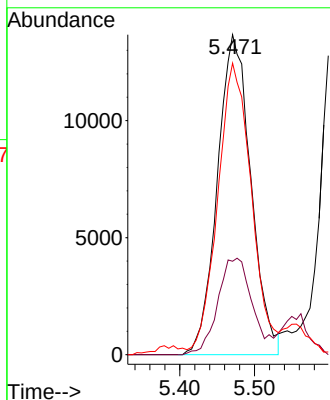
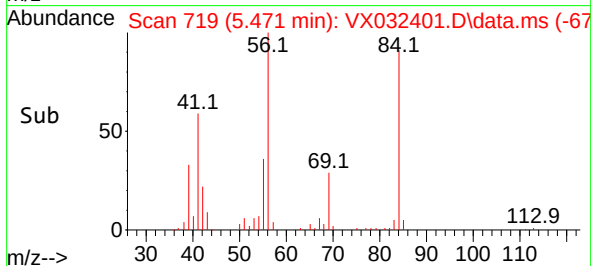
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



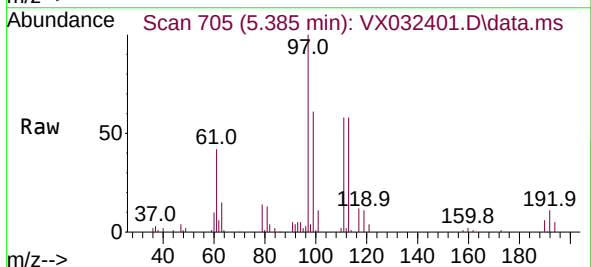
Tgt Ion: 56 Resp: 42549
Ion Ratio Lower Upper
56 100
69 29.2 24.1 36.1
84 89.3 66.9 100.3

Manual Integrations
APPROVED

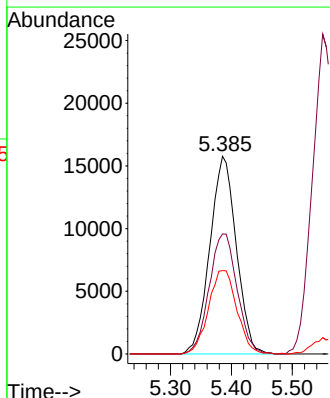
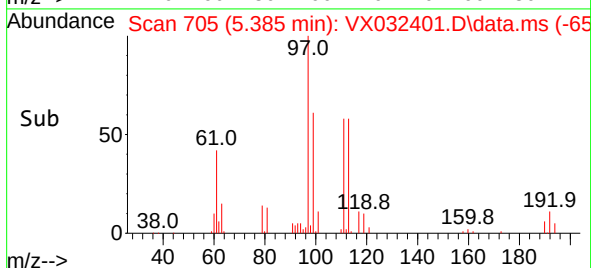
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

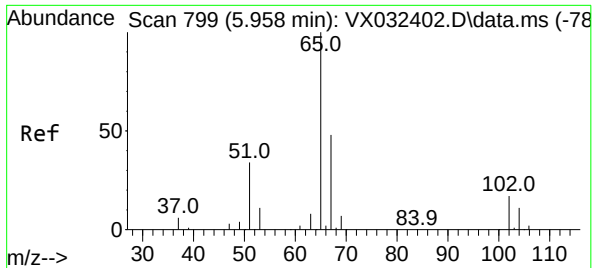


#32
1,1,1-Trichloroethane
Concen: 20.016 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49



Tgt Ion: 97 Resp: 47580
Ion Ratio Lower Upper
97 100
99 64.0 51.4 77.0
61 45.1 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 19.949 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032401.D

Acq: 26 Oct 2022 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 33644

Ion Ratio Lower Upper

65 100

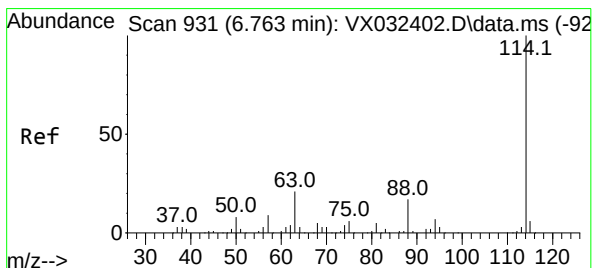
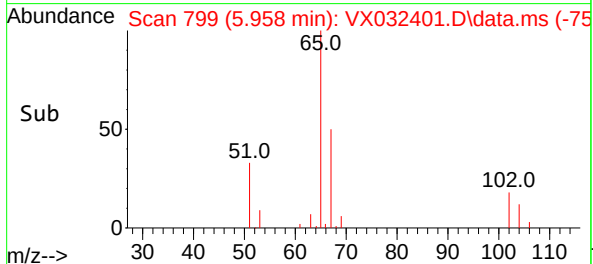
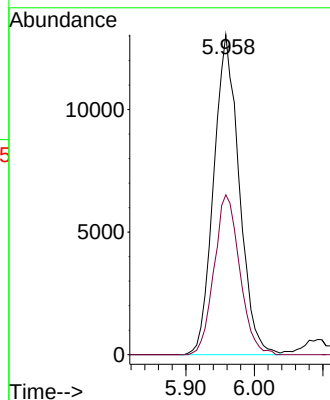
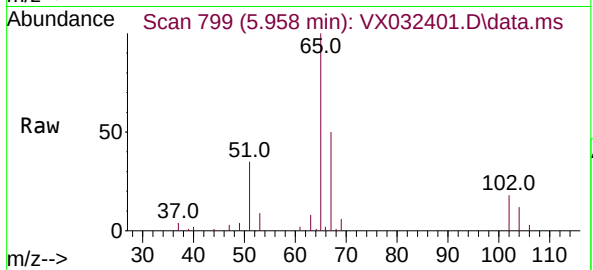
67 50.3 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032401.D

Acq: 26 Oct 2022 13:49

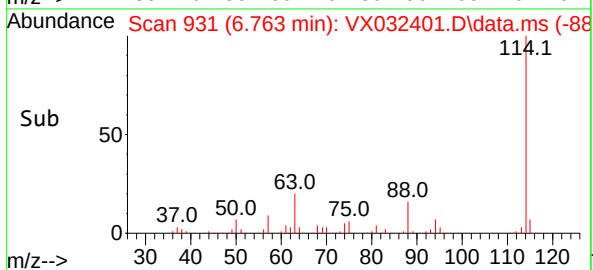
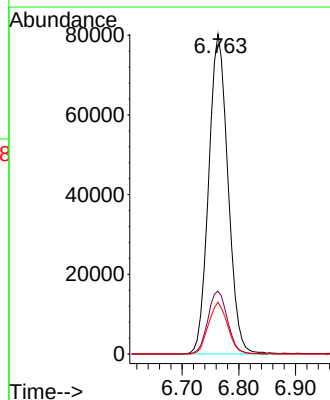
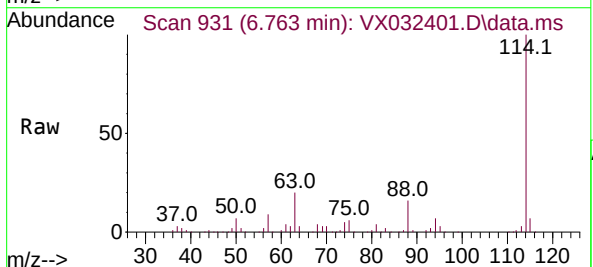
Tgt Ion:114 Resp: 189489

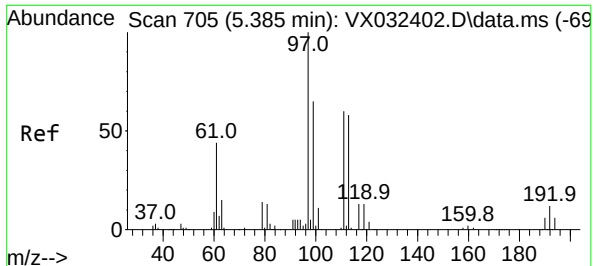
Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.6

88 16.1 0.0 33.4





#35

Dibromofluoromethane

Concen: 20.038 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032401.D

Acq: 26 Oct 2022 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

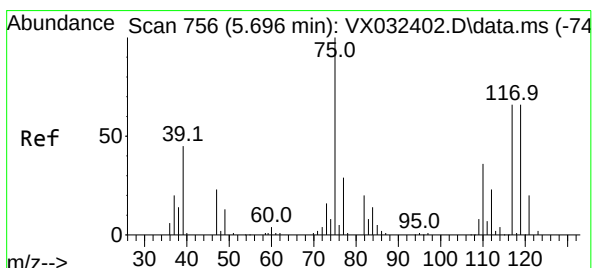
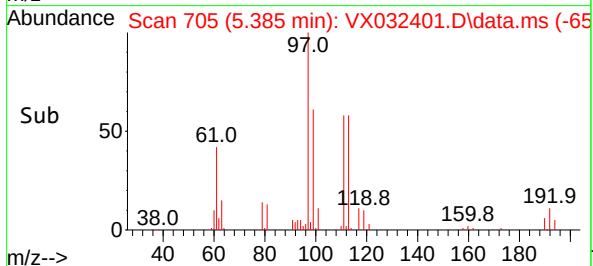
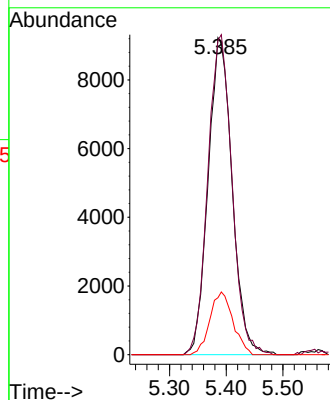
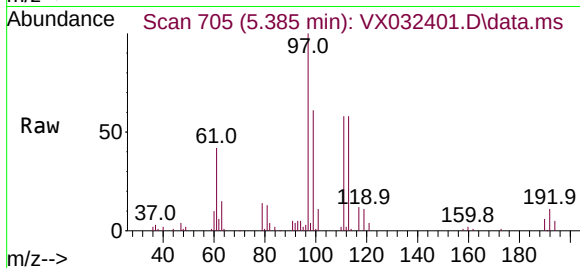
Tgt Ion:	113	Resp:	27084
Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.4	123.6
192	19.1	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#36

1,1-Dichloropropene

Concen: 20.164 ug/l

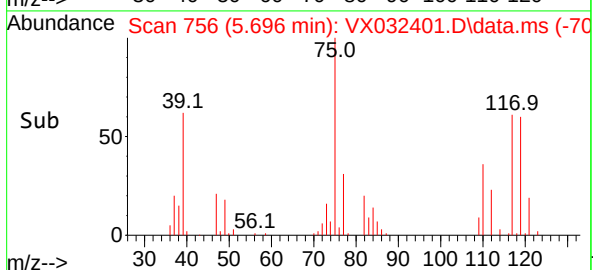
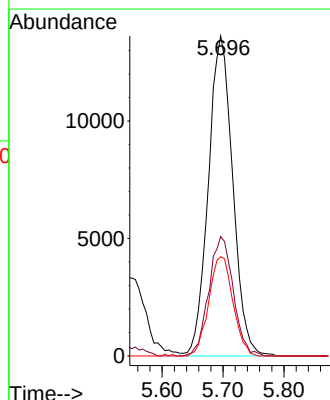
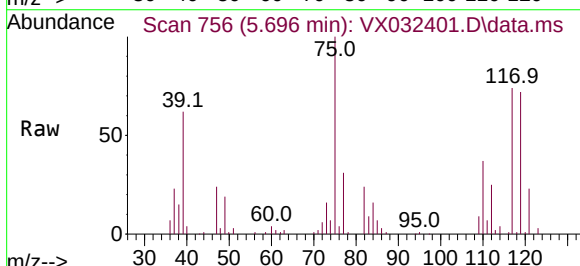
RT: 5.696 min Scan# 756

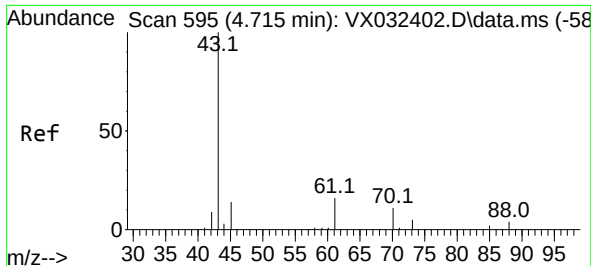
Delta R.T. 0.000 min

Lab File: VX032401.D

Acq: 26 Oct 2022 13:49

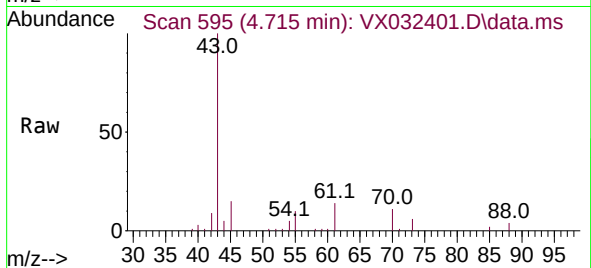
Tgt Ion:	75	Resp:	37954
Ion	Ratio	Lower	Upper
75	100		
110	37.3	18.4	55.2
77	30.7	24.5	36.7





#37
Ethyl Acetate
Concen: 18.601 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

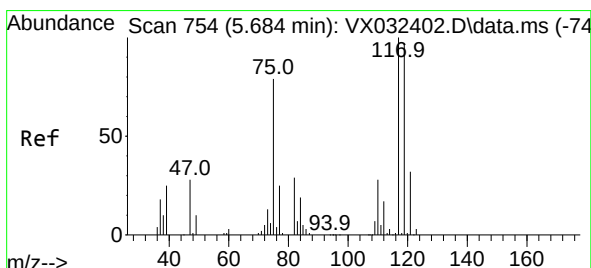
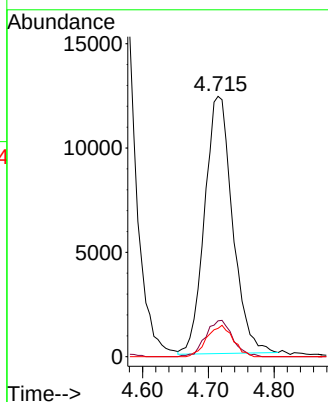
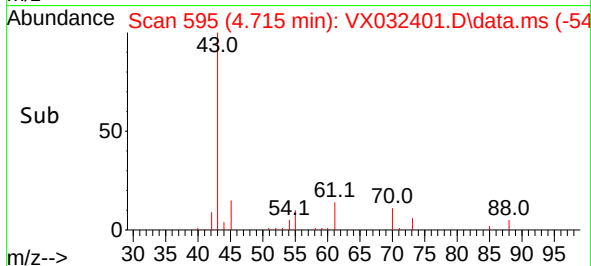
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 3644
Ion Ratio Lower Upper
43 100
61 13.7 11.5 17.3
70 11.4 9.1 13.7

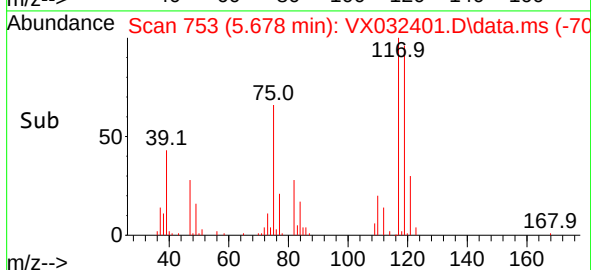
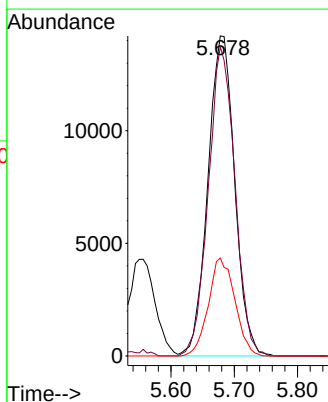
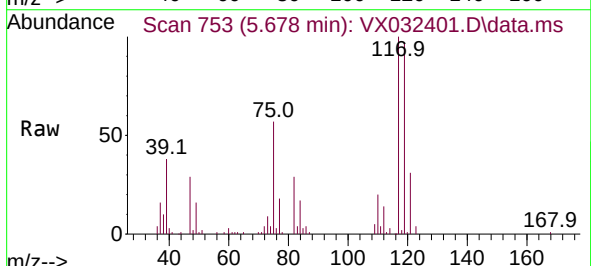
Manual Integrations
APPROVED

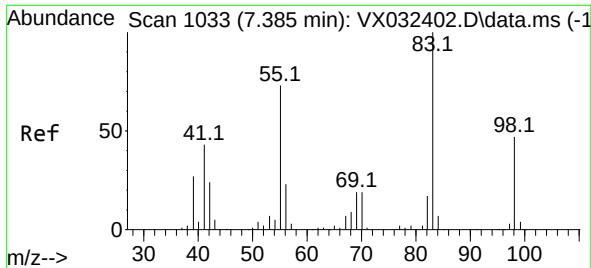
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#38
Carbon Tetrachloride
Concen: 20.005 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

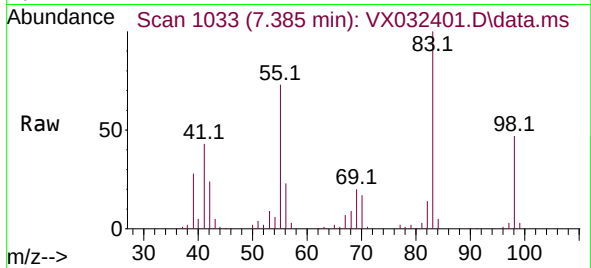
Tgt Ion:117 Resp: 41763
Ion Ratio Lower Upper
117 100
119 96.6 77.2 115.8
121 30.6 25.8 38.6





#39
Methylcyclohexane
Concen: 20.710 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

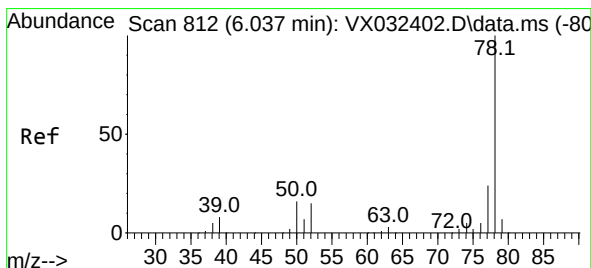
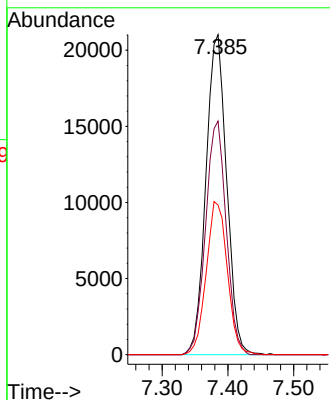
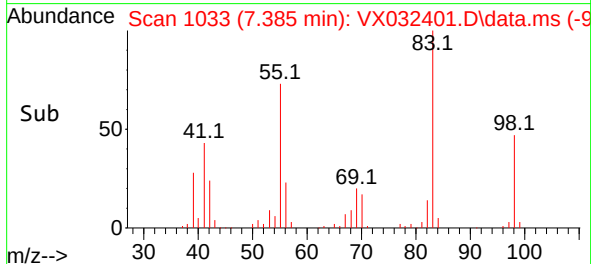
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 4612
Ion Ratio Lower Upper
83 100
55 73.0 58.4 87.6
98 46.8 37.2 55.8

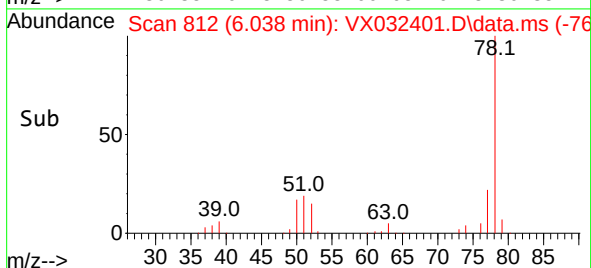
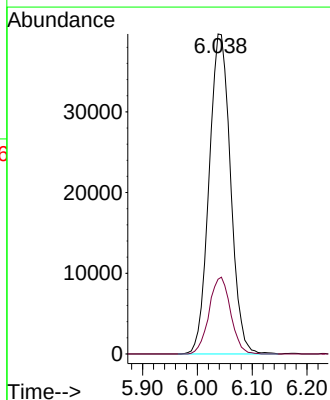
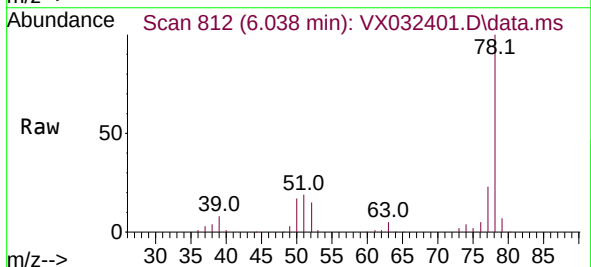
Manual Integrations
APPROVED

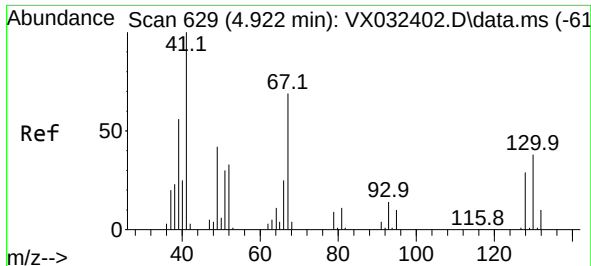
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#40
Benzene
Concen: 20.210 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

Tgt Ion: 78 Resp: 107648
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.4





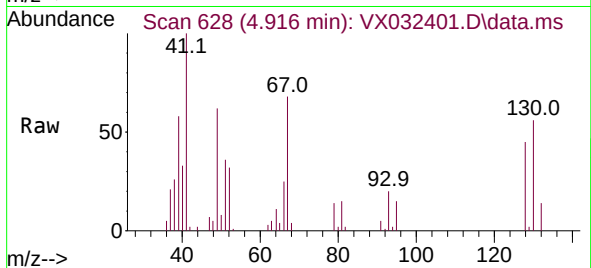
#41
Methacrylonitrile
Concen: 20.330 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020



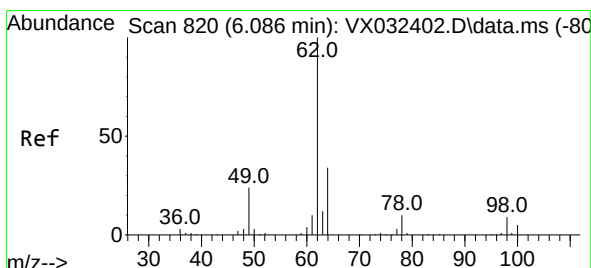
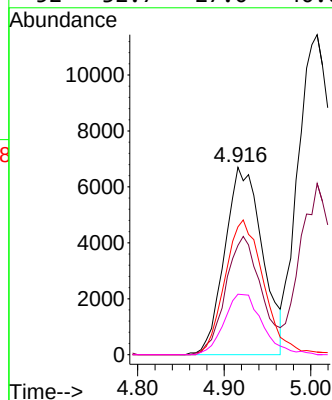
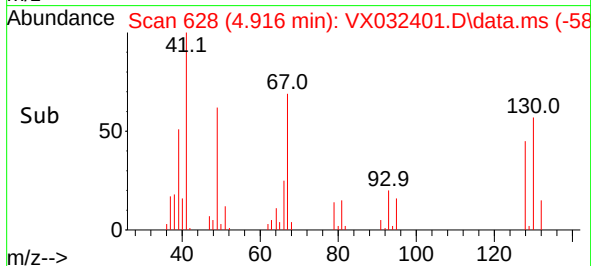
Tgt Ion: 41 Resp: 2029
Ion Ratio Lower Upper
41 100
39 59.9 47.5 71.3
67 73.7 60.5 90.7
52 32.7 27.0 40.6

Manual Integrations

APPROVED

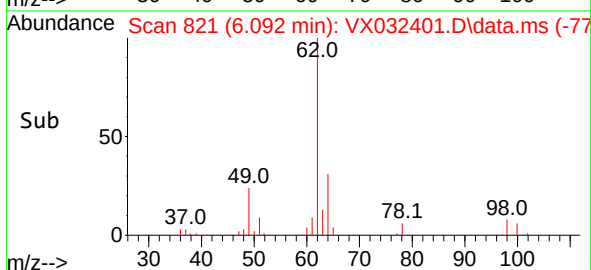
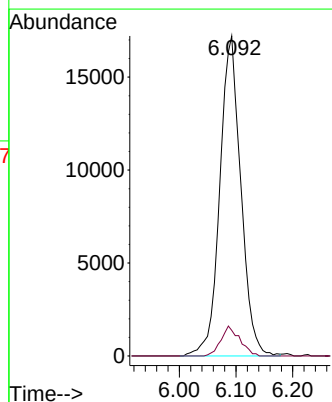
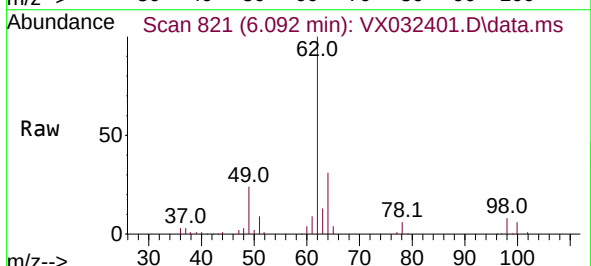
Reviewed By :John Carlone 10/27/2022

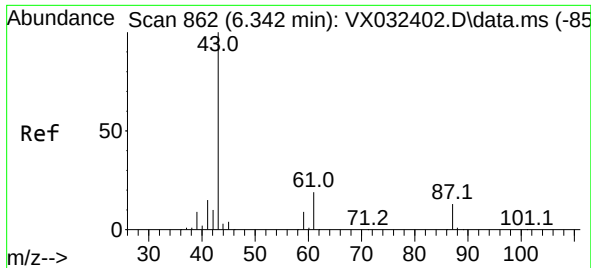
Supervised By :Mahesh Dadoda 10/31/2022



#42
1,2-Dichloroethane
Concen: 20.360 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

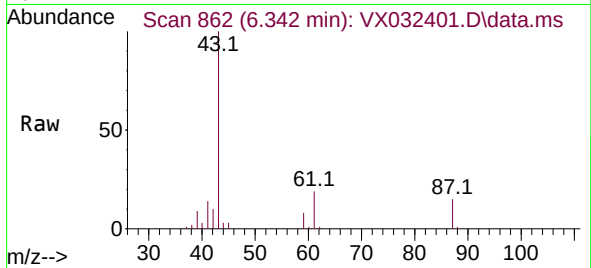
Tgt Ion: 62 Resp: 44329
Ion Ratio Lower Upper
62 100
98 8.4 0.0 16.0





#43
Isopropyl Acetate
Concen: 20.011 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

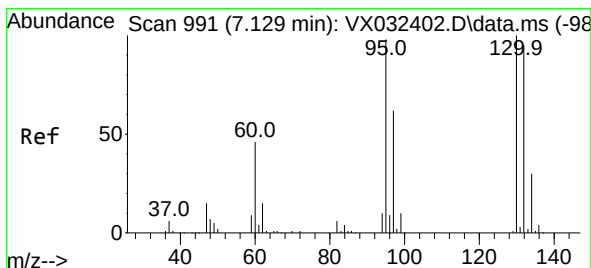
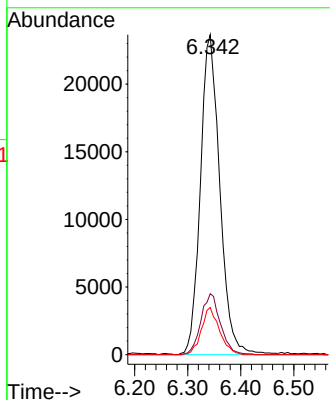
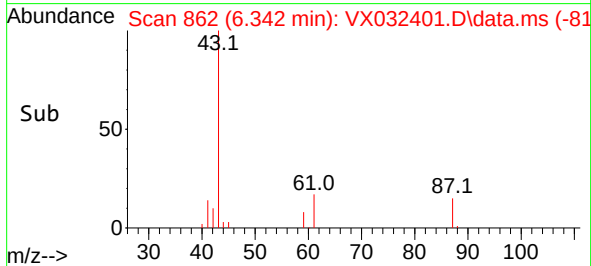
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 6019
Ion Ratio Lower Upper
43 100
61 19.1 15.4 23.0
87 13.7 10.8 16.2

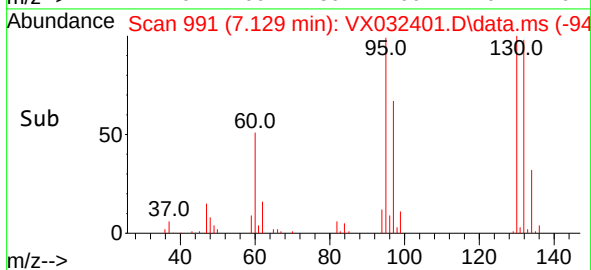
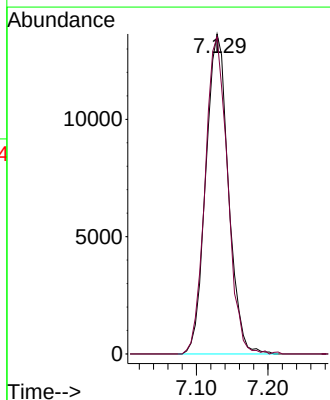
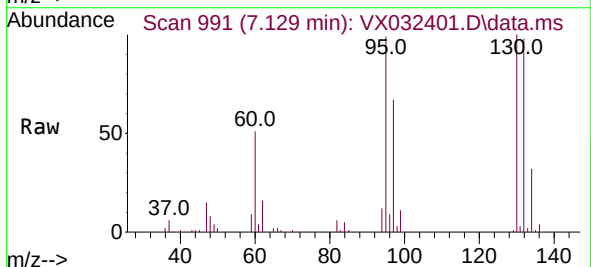
Manual Integrations
APPROVED

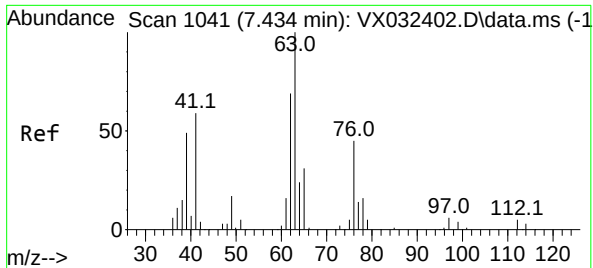
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#44
Trichloroethene
Concen: 19.970 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

Tgt Ion:130 Resp: 29943
Ion Ratio Lower Upper
130 100
95 99.1 0.0 195.2





#45
1,2-Dichloropropane
Concen: 20.410 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

Instrument :

MSVOA_X

ClientSampleId :

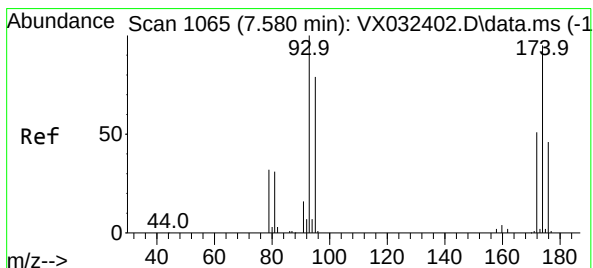
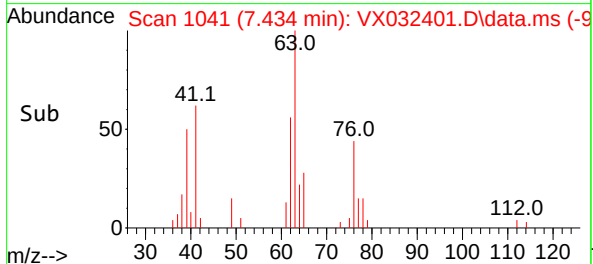
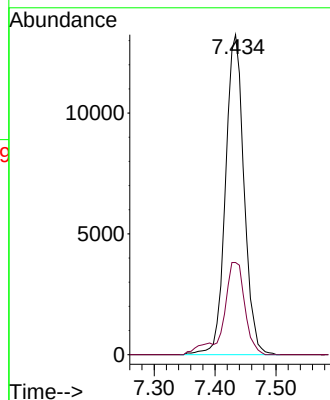
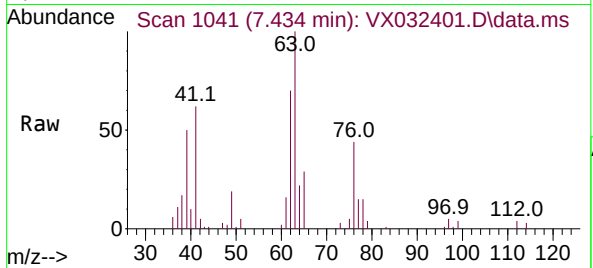
VSTDICC020

Tgt Ion: 63 Resp: 2790
Ion Ratio Lower Upper
63 100
65 28.8 24.6 36.8

Manual Integrations

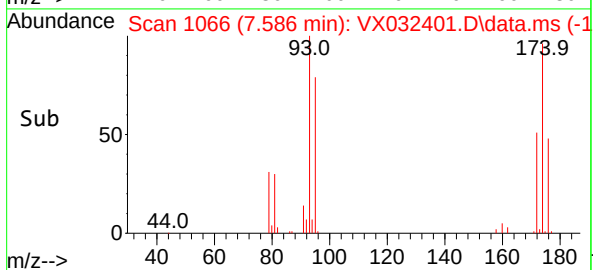
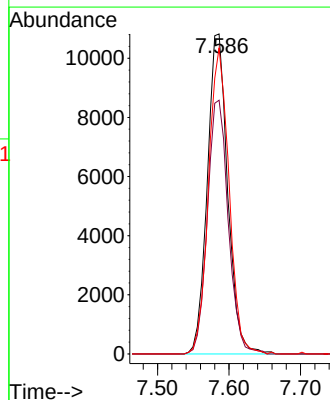
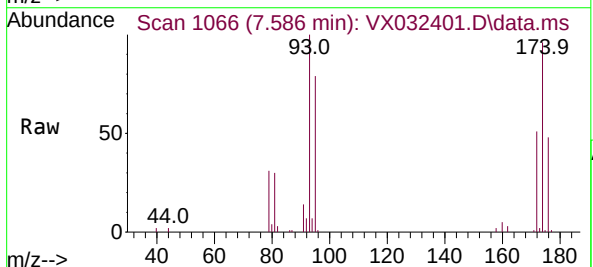
APPROVED

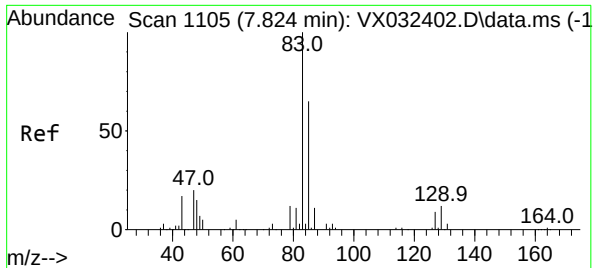
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#46
Dibromomethane
Concen: 20.471 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

Tgt Ion: 93 Resp: 21466
Ion Ratio Lower Upper
93 100
95 81.1 65.8 98.8
174 95.9 79.8 119.6





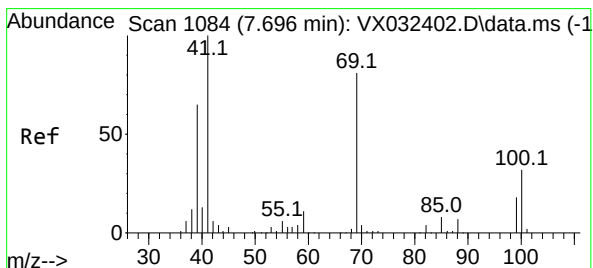
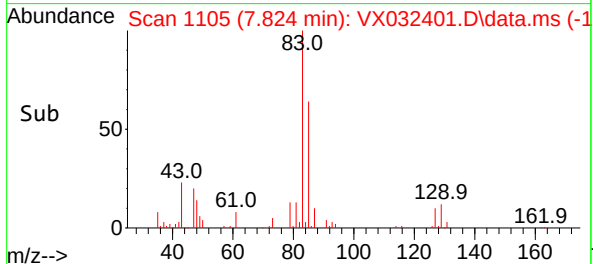
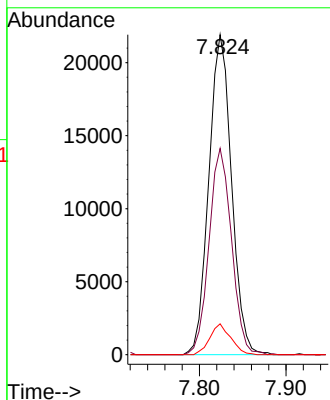
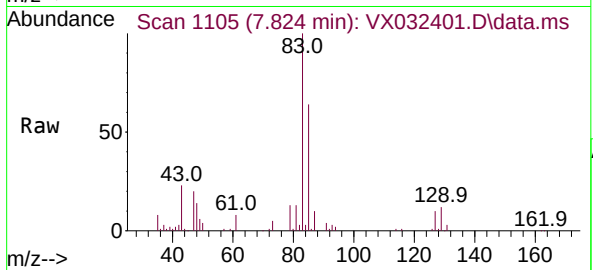
#47
Bromodichloromethane
Concen: 20.087 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 3992
Ion Ratio Lower Upper
83 100
85 64.4 52.2 78.4
127 9.7 7.4 11.2

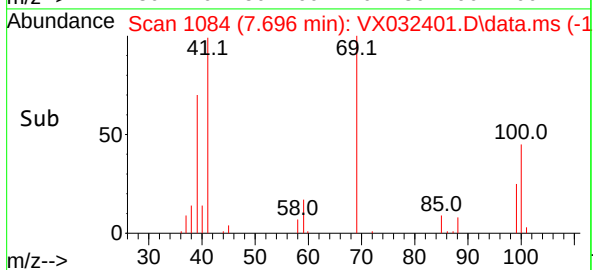
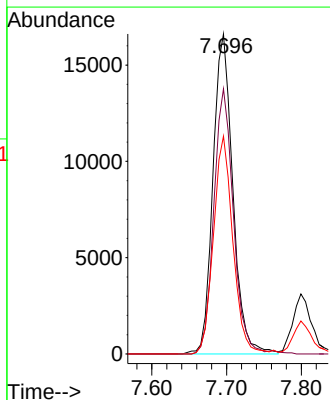
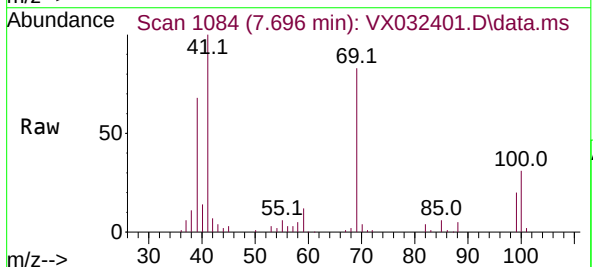
Manual Integrations
APPROVED

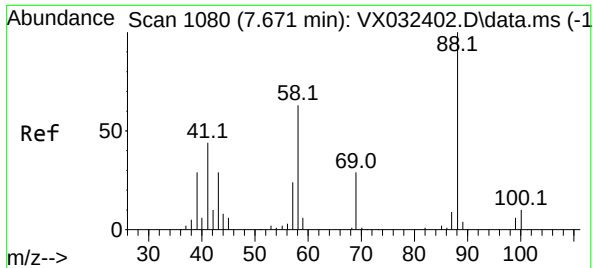
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#48
Methyl methacrylate
Concen: 19.731 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

Tgt Ion: 41 Resp: 30655
Ion Ratio Lower Upper
41 100
69 82.0 65.1 97.7
39 66.7 51.9 77.9





#49

1,4-Dioxane

Concen: 388.575 ug/l

RT: 7.665 min Scan# 1080

Delta R.T. -0.006 min

Lab File: VX032401.D

Acq: 26 Oct 2022 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

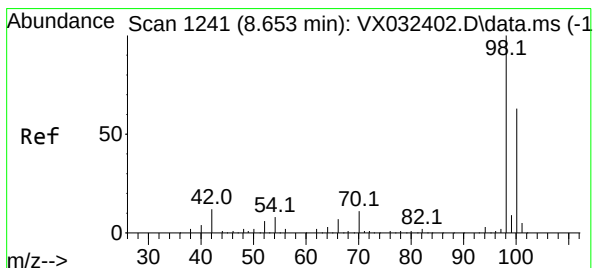
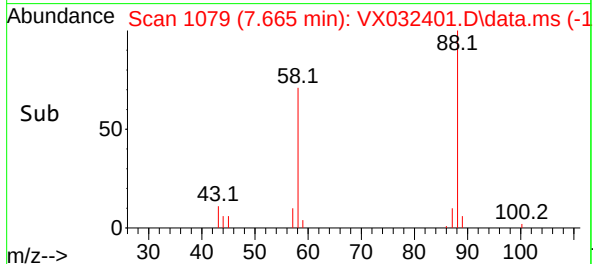
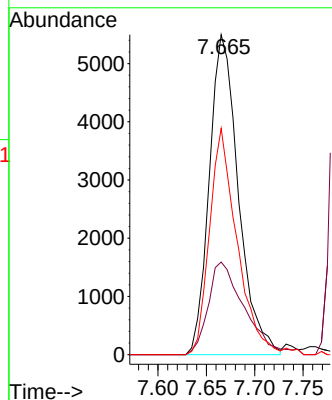
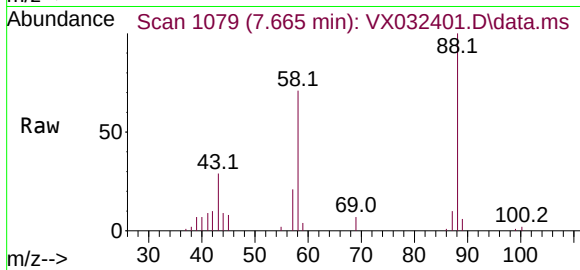
Tgt Ion:	88	Resp:	1150
Ion	Ratio	Lower	Upper
88	100		
43	36.1	26.6	39.8
58	66.5	51.7	77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#50

Toluene-d8

Concen: 19.946 ug/l

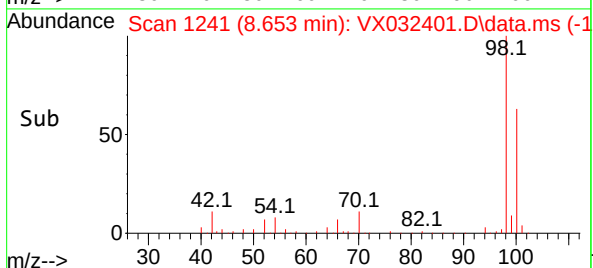
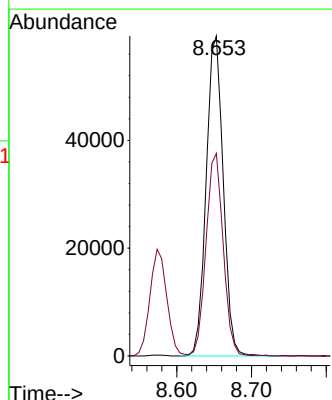
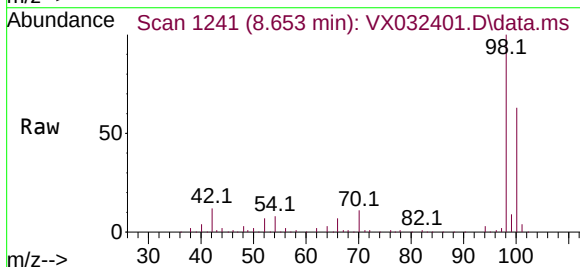
RT: 8.653 min Scan# 1241

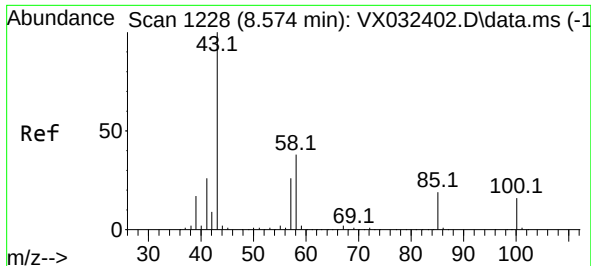
Delta R.T. 0.000 min

Lab File: VX032401.D

Acq: 26 Oct 2022 13:49

Tgt Ion:	98	Resp:	93747
Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.9	76.3





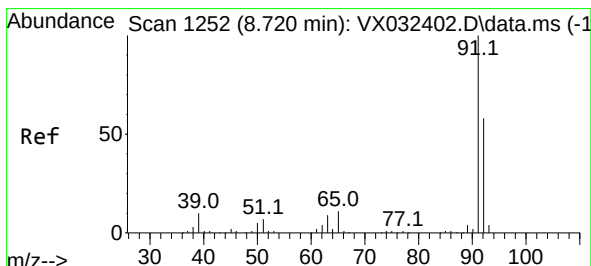
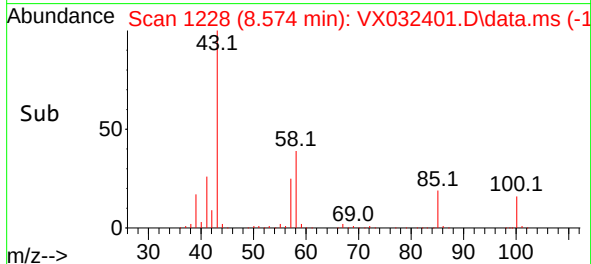
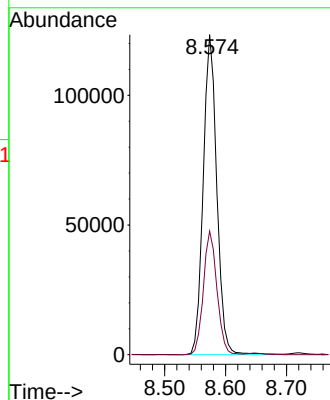
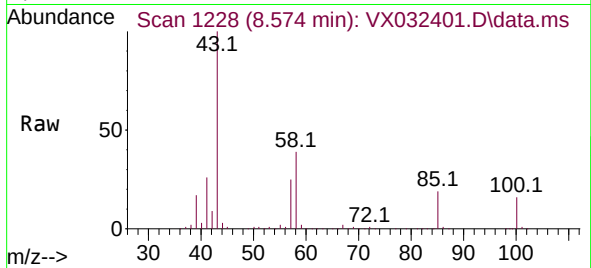
#51
4-Methyl-2-Pentanone
Concen: 100.917 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 191217
Ion Ratio Lower Upper
43 100
58 38.5 30.9 46.3

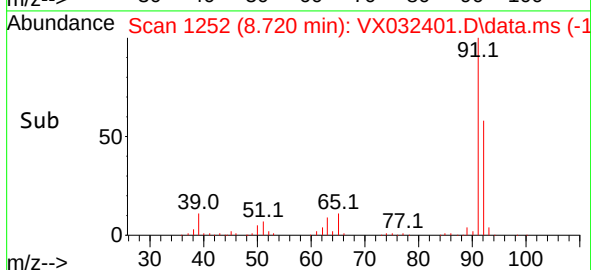
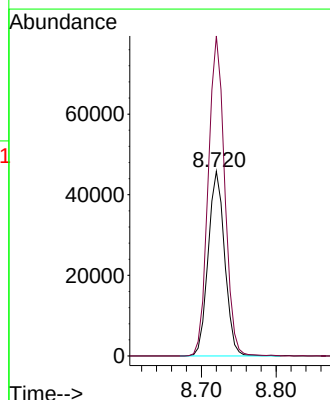
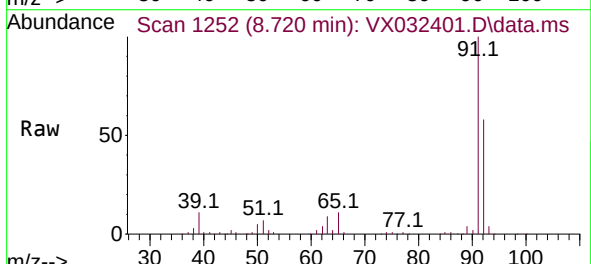
Manual Integrations
APPROVED

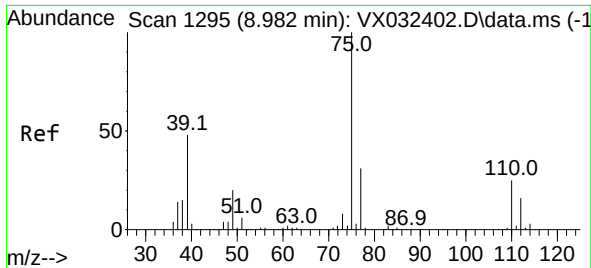
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#52
Toluene
Concen: 20.180 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

Tgt Ion: 92 Resp: 70126
Ion Ratio Lower Upper
92 100
91 172.8 138.3 207.5





#53
 t-1,3-Dichloropropene
 Concen: 19.538 ug/l
 RT: 8.982 min Scan# 1295
 Delta R.T. 0.000 min
 Lab File: VX032401.D
 Acq: 26 Oct 2022 13:49

Instrument :

MSVOA_X

ClientSampleId :

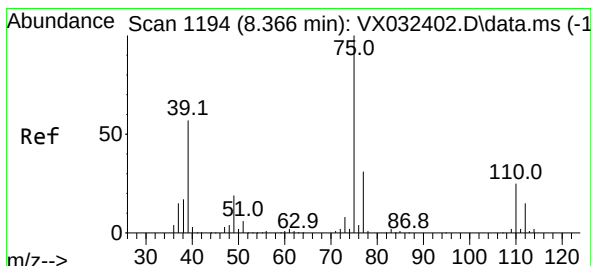
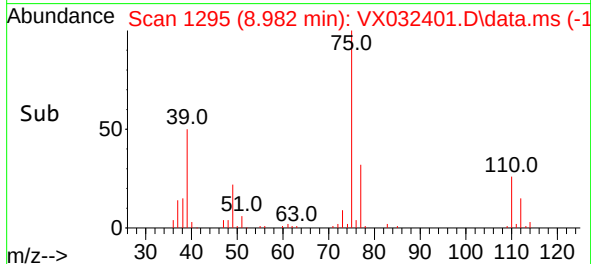
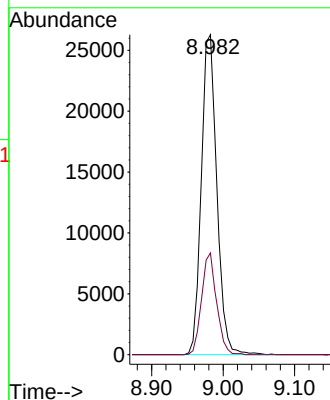
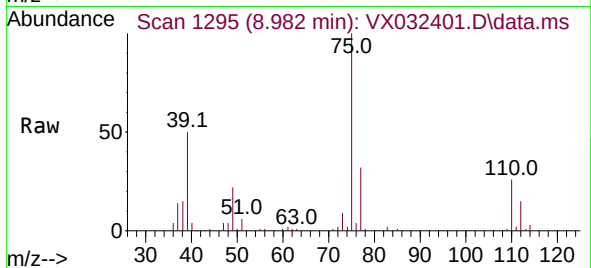
VSTDICC020

Tgt Ion: 75 Resp: 3961
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.1 37.7

Manual Integrations

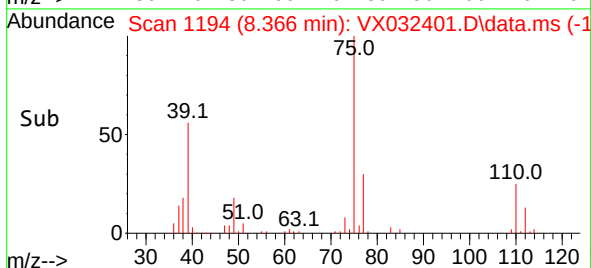
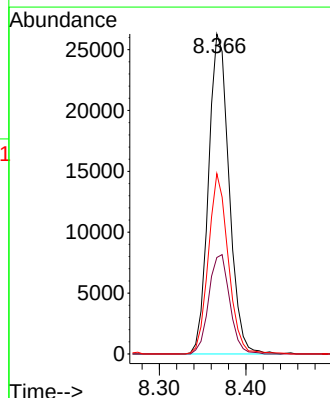
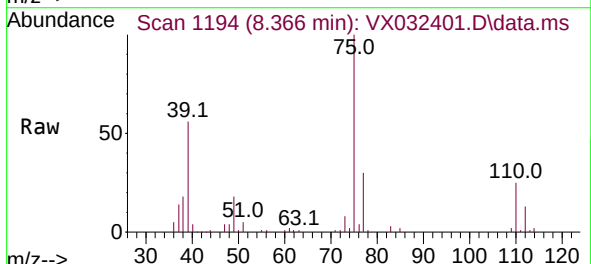
APPROVED

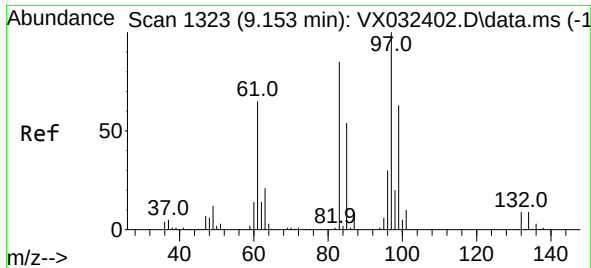
Reviewed By :John Carlone 10/27/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#54
 cis-1,3-Dichloropropene
 Concen: 19.940 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX032401.D
 Acq: 26 Oct 2022 13:49

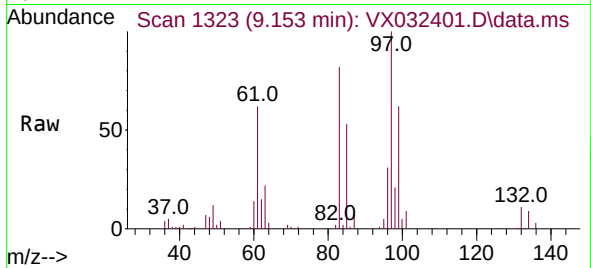
Tgt Ion: 75 Resp: 43247
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.1 37.7
 39 56.4 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 19.817 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

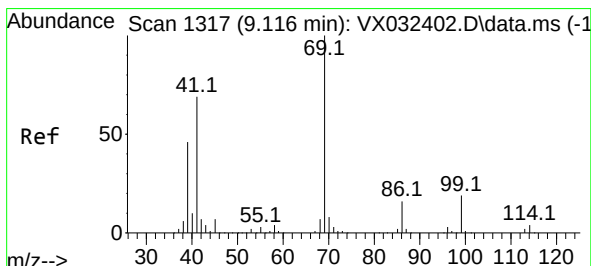
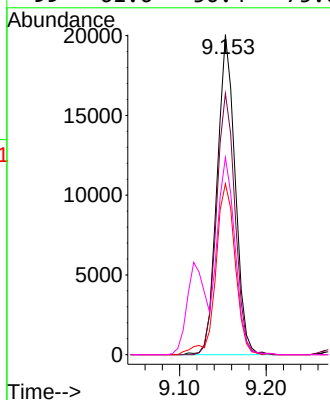
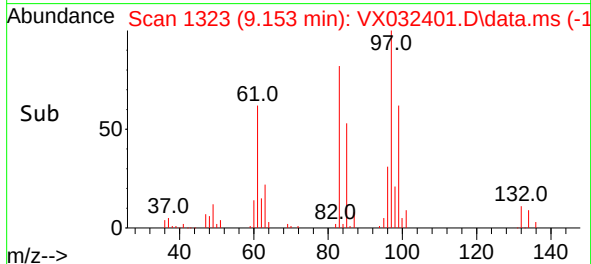
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



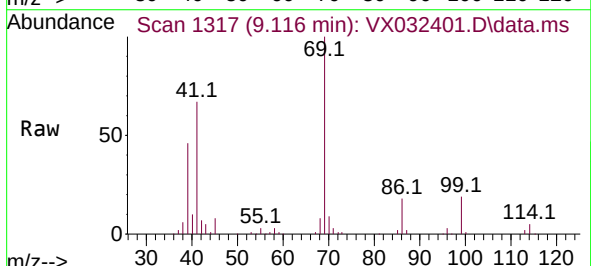
Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.6	68.1	102.1
85	53.4	43.3	64.9
99	61.6	50.4	75.6

Manual Integrations
APPROVED

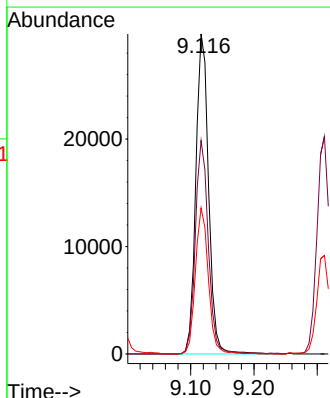
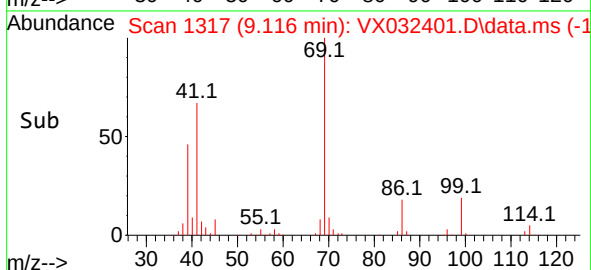
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

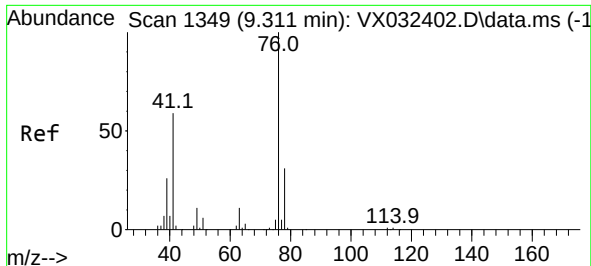


#56
Ethyl methacrylate
Concen: 19.879 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49



Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.8	54.3	81.5
39	46.3	35.2	52.8





#57

1,3-Dichloropropane

Concen: 19.946 ug/l

RT: 9.311 min Scan# 1134

Delta R.T. 0.000 min

Lab File: VX032401.D

Acq: 26 Oct 2022 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 4714

Ion Ratio Lower Upper

76 100

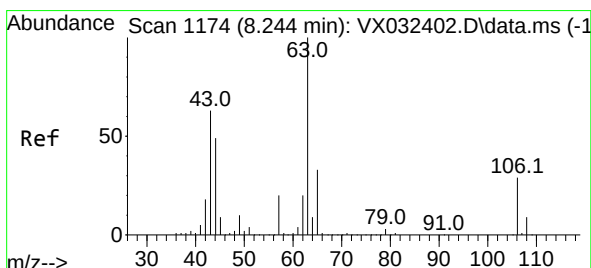
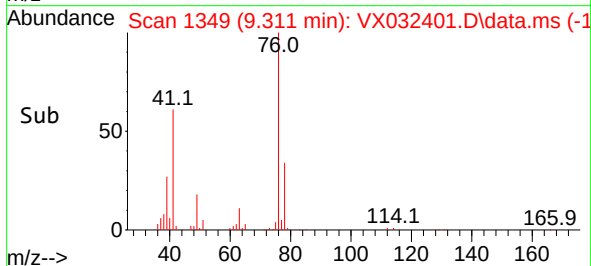
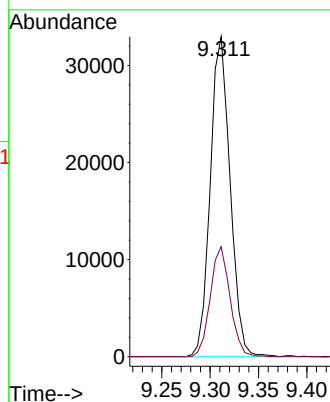
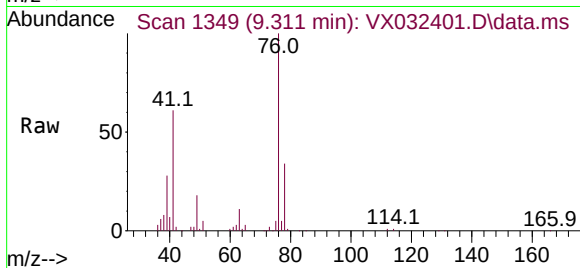
78 34.1 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#58

2-Chloroethyl Vinyl ether

Concen: 104.514 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX032401.D

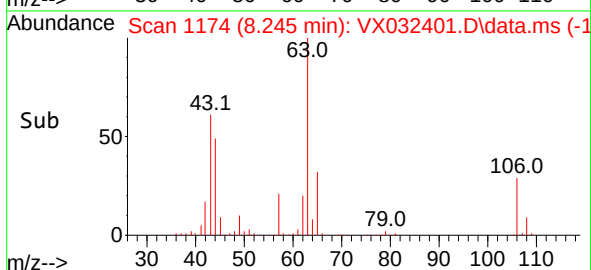
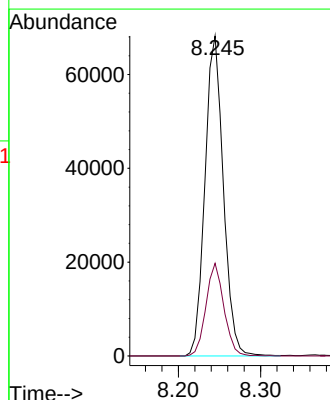
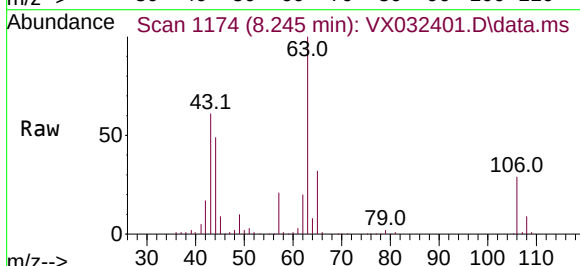
Acq: 26 Oct 2022 13:49

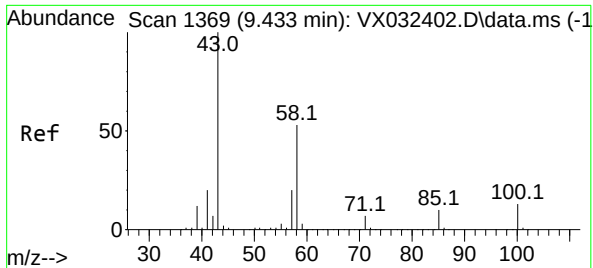
Tgt Ion: 63 Resp: 105988

Ion Ratio Lower Upper

63 100

106 28.3 23.3 34.9





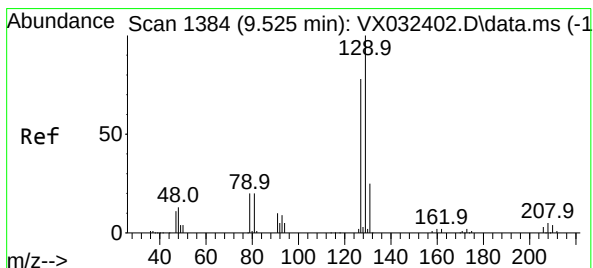
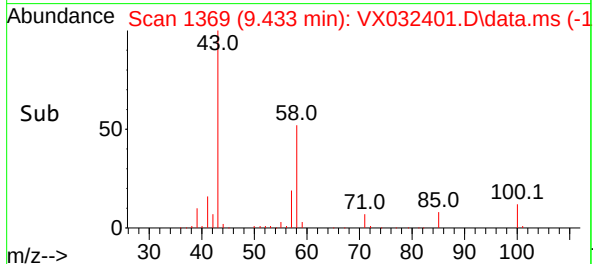
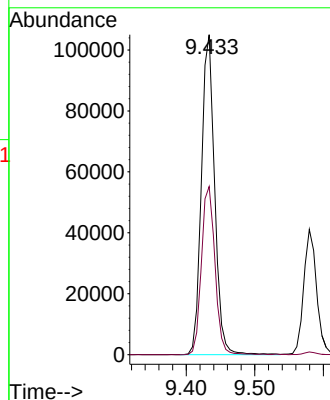
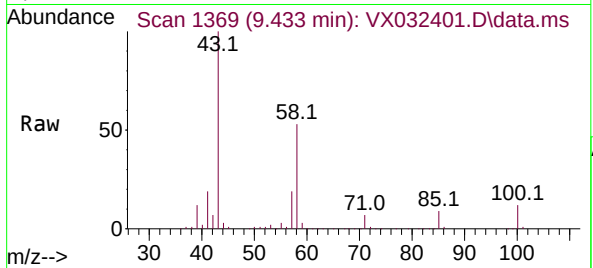
#59
2-Hexanone
Concen: 100.591 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 14142
Ion Ratio Lower Upper
43 100
58 53.8 26.5 79.5

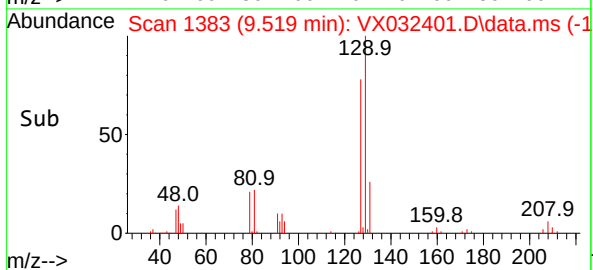
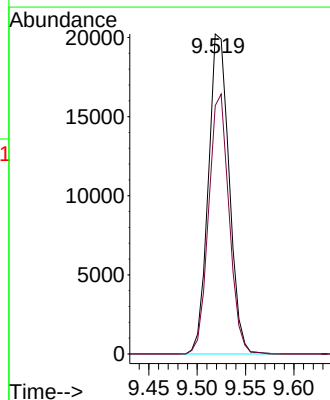
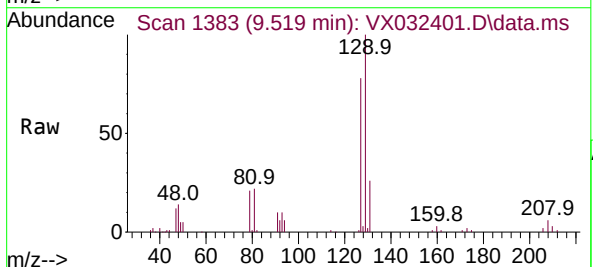
Manual Integrations
APPROVED

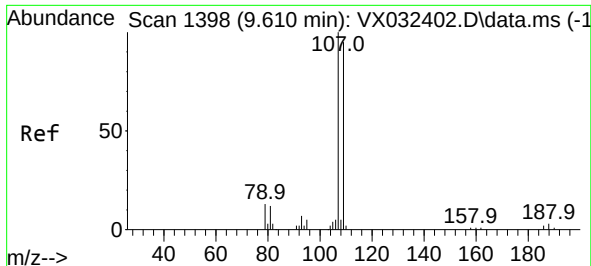
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#60
Dibromochloromethane
Concen: 18.961 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

Tgt Ion:129 Resp: 30309
Ion Ratio Lower Upper
129 100
127 79.6 38.6 115.8





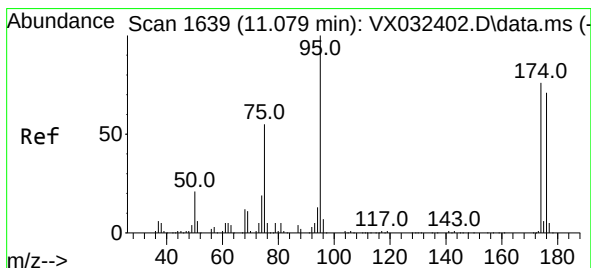
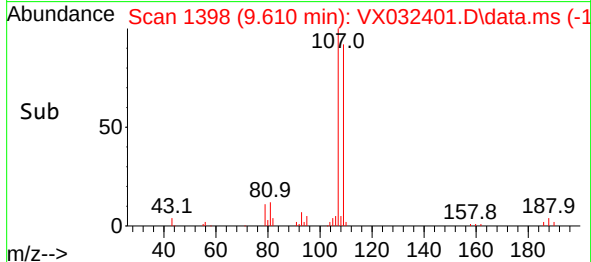
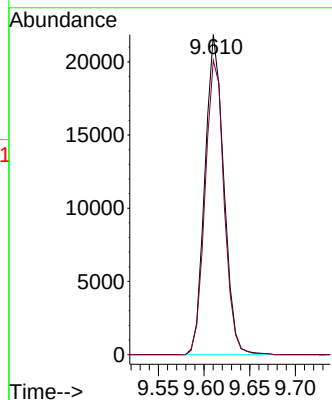
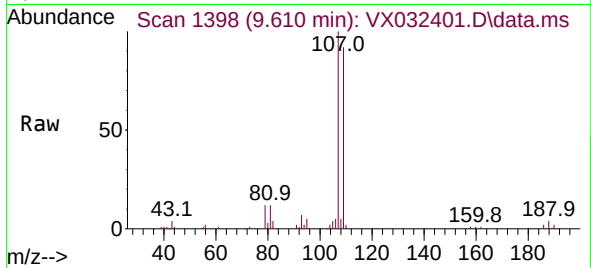
#61
1,2-Dibromoethane
Concen: 20.176 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:107 Resp: 3128
Ion Ratio Lower Upper
107 100
109 92.9 76.0 114.0

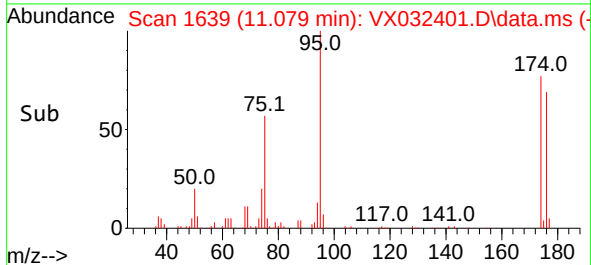
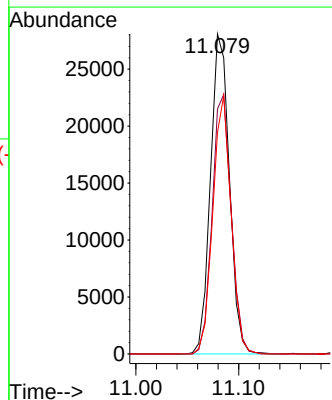
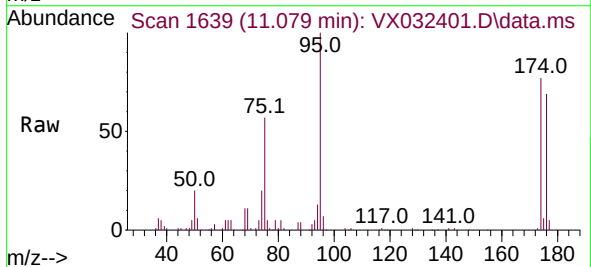
Manual Integrations
APPROVED

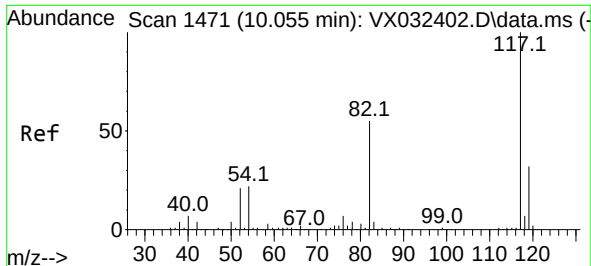
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#62
4-Bromofluorobenzene
Concen: 19.553 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

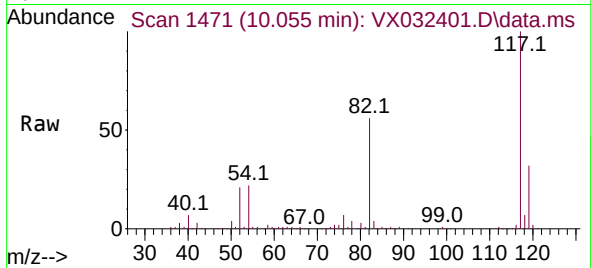
Tgt Ion: 95 Resp: 35898
Ion Ratio Lower Upper
95 100
174 81.3 0.0 164.0
176 77.7 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

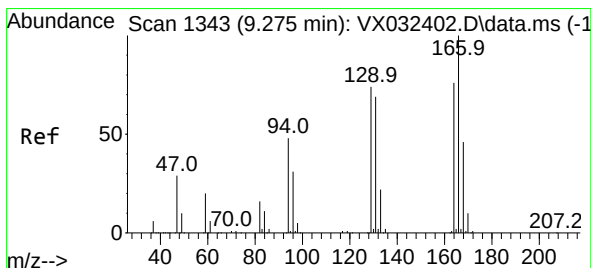
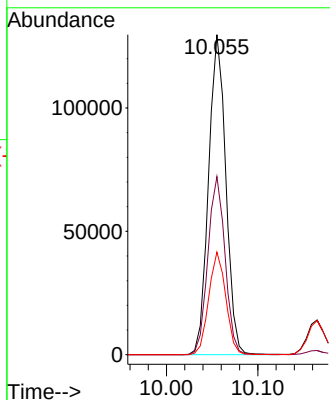
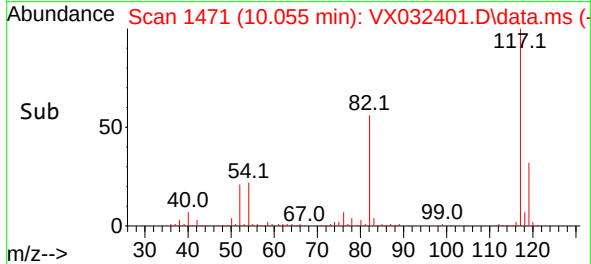
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 170449
Ion Ratio Lower Upper
117 100
82 55.7 44.3 66.5
119 32.0 25.7 38.5

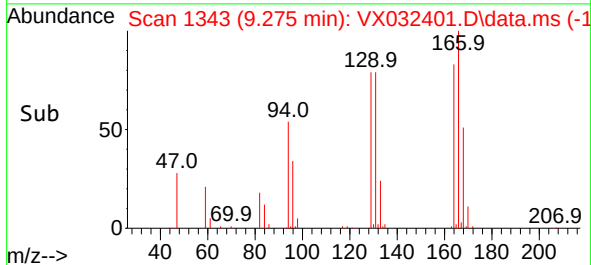
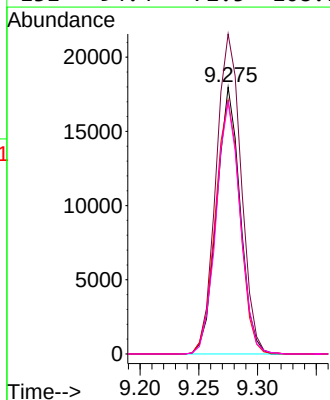
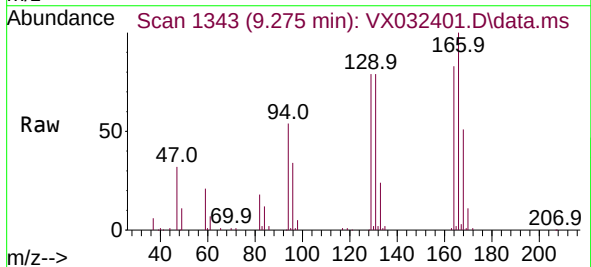
Manual Integrations
APPROVED

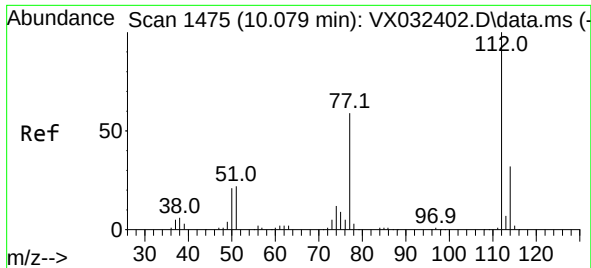
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#64
Tetrachloroethene
Concen: 20.090 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

Tgt Ion:164 Resp: 25064
Ion Ratio Lower Upper
164 100
166 120.0 105.4 158.2
129 95.2 78.2 117.2
131 94.4 72.5 108.7





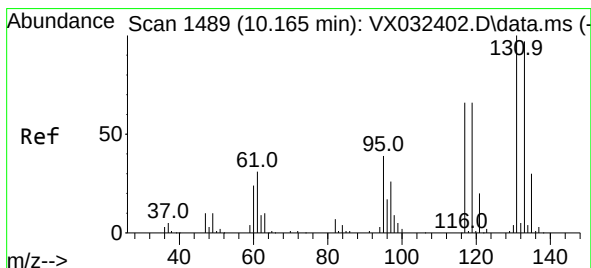
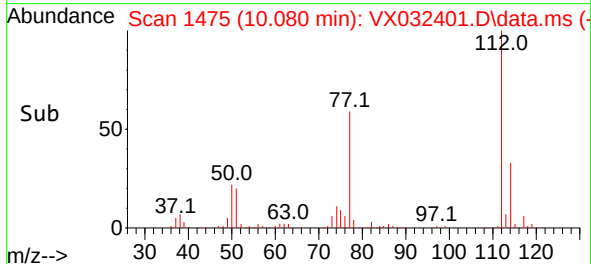
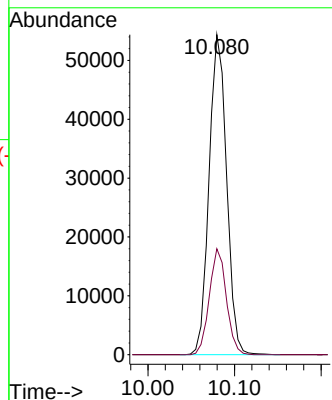
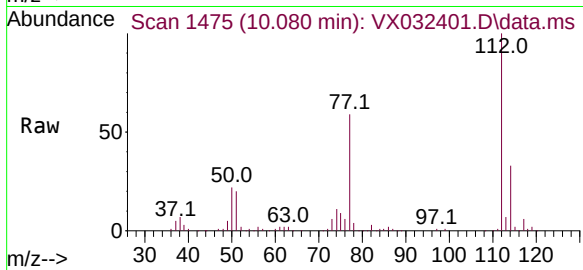
#65
Chlorobenzene
Concen: 20.000 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 7636
Ion Ratio Lower Upper
112 100
114 33.1 25.4 38.2

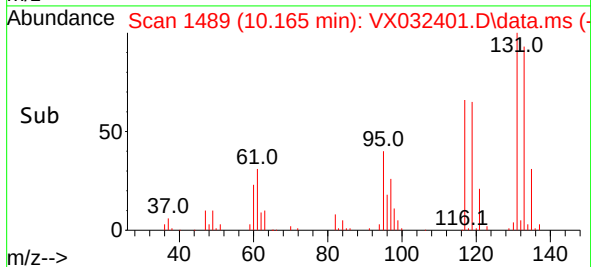
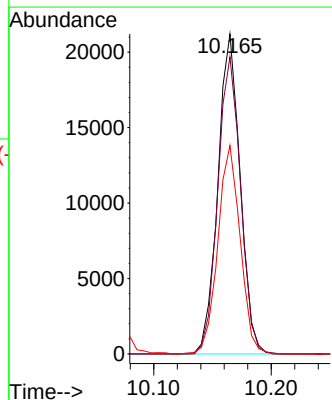
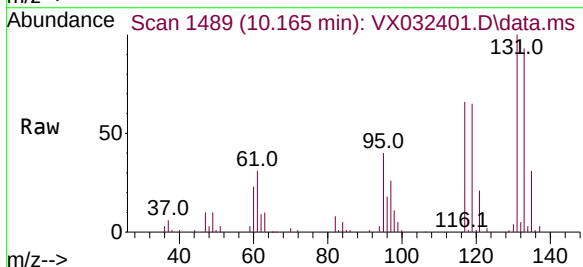
Manual Integrations
APPROVED

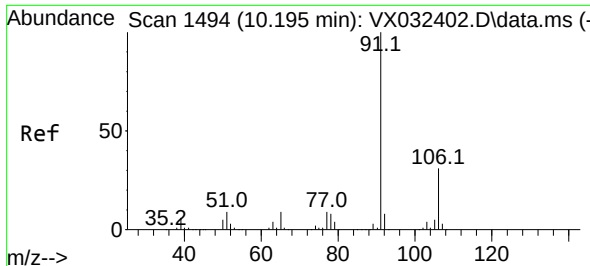
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 19.445 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

Tgt Ion:131 Resp: 27943
Ion Ratio Lower Upper
131 100
133 94.8 47.6 142.9
119 65.4 32.4 97.0





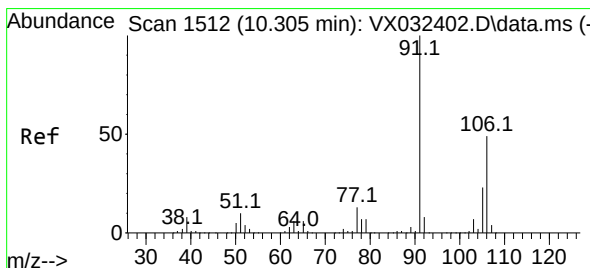
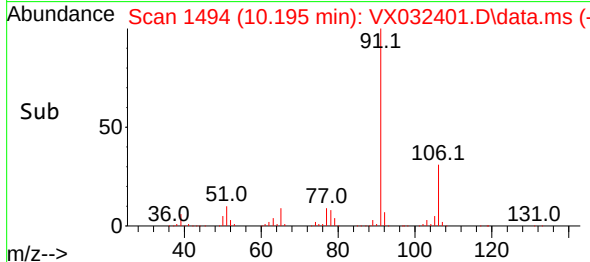
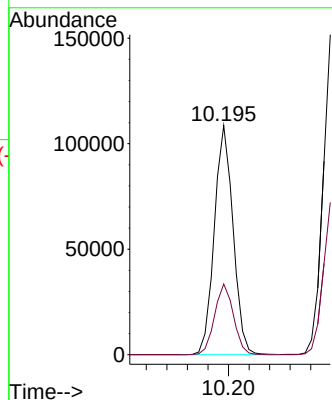
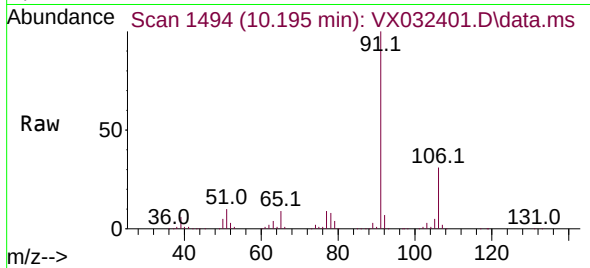
#67
Ethyl Benzene
Concen: 20.110 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 137300
Ion Ratio Lower Upper
91 100
106 30.8 25.0 37.6

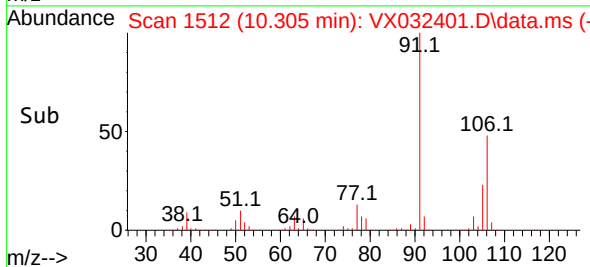
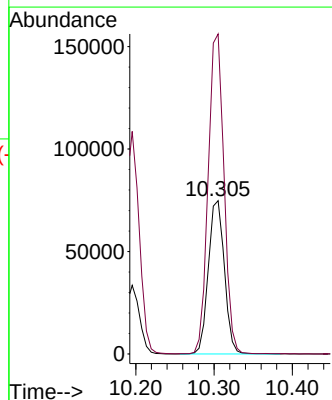
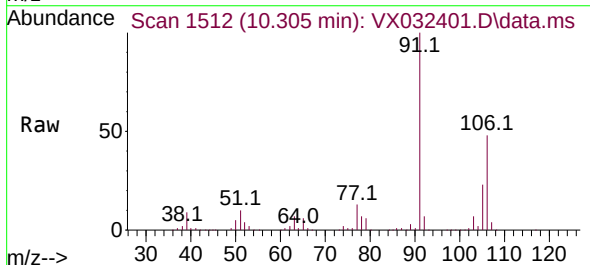
Manual Integrations
APPROVED

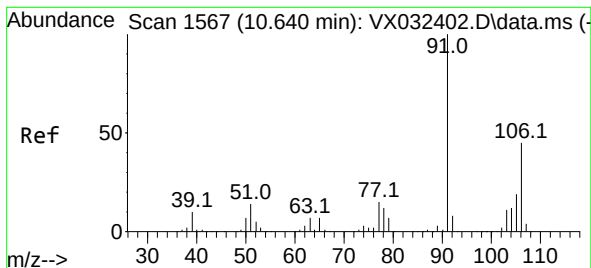
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#68
m/p-Xylenes
Concen: 40.007 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

Tgt Ion:106 Resp: 106068
Ion Ratio Lower Upper
106 100
91 205.4 164.5 246.7





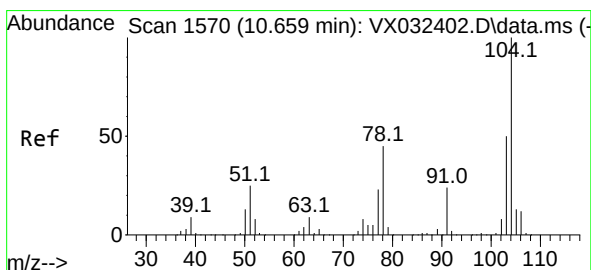
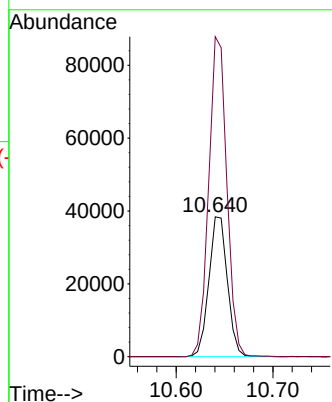
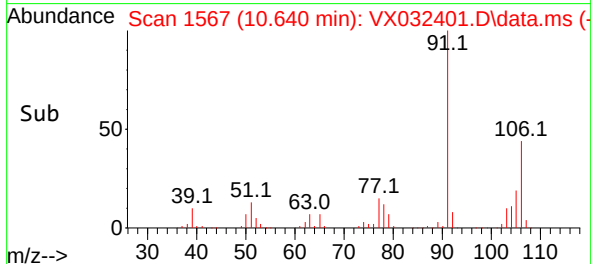
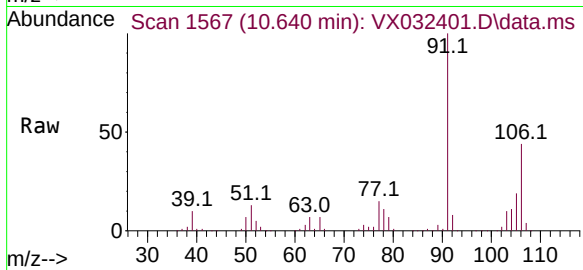
#69
o-Xylene
Concen: 19.855 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 5118
Ion Ratio Lower Upper
106 100
91 223.6 109.2 327.6

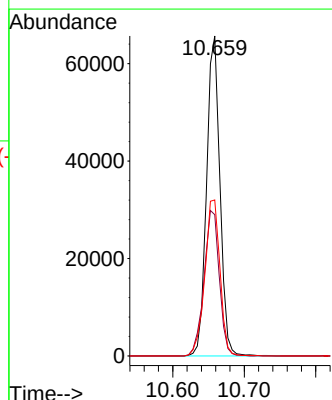
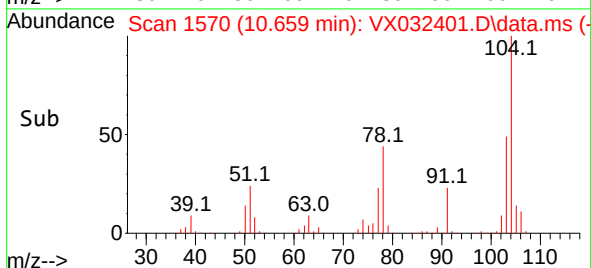
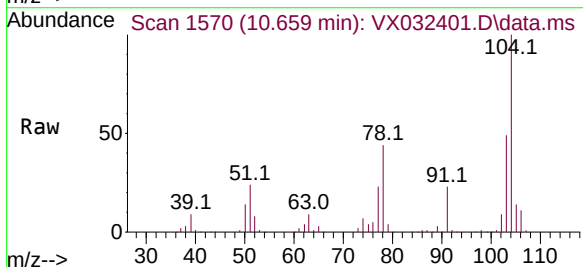
Manual Integrations
APPROVED

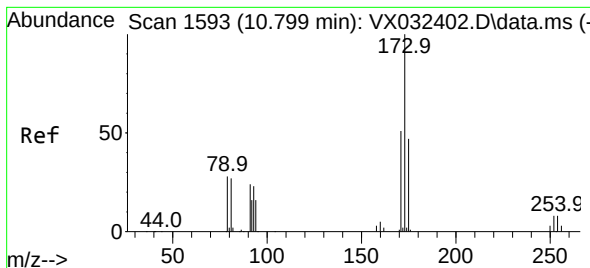
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#70
Styrene
Concen: 19.913 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

Tgt Ion:104 Resp: 85306
Ion Ratio Lower Upper
104 100
78 52.2 41.8 62.8
103 55.5 44.5 66.7





#71

Bromoform

Concen: 18.843 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX032401.D

Acq: 26 Oct 2022 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

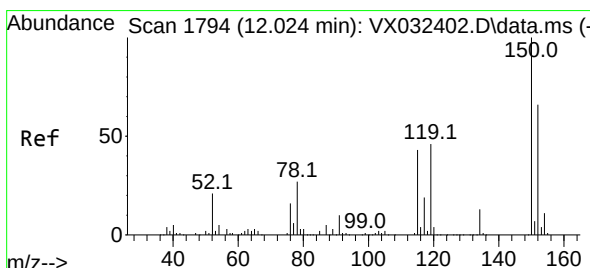
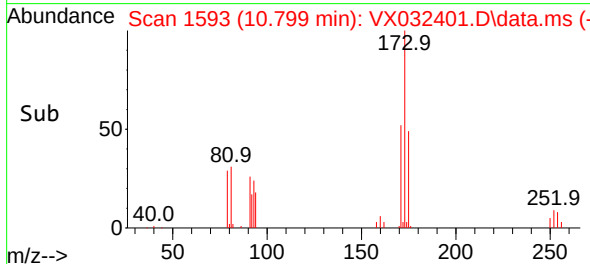
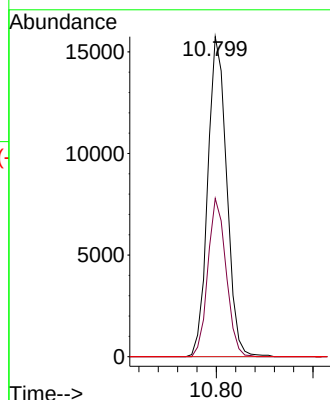
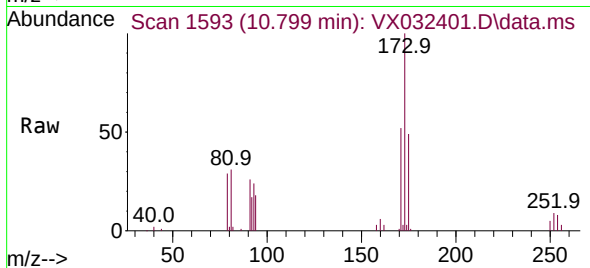
Tgt Ion:173 Resp: 21409
 Ion Ratio Lower Upper
 173 100
 175 47.6 23.9 71.8
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

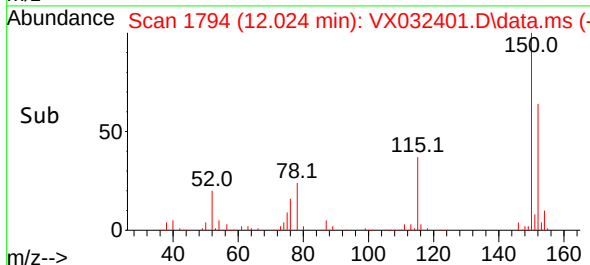
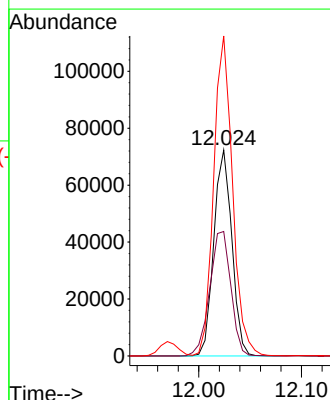
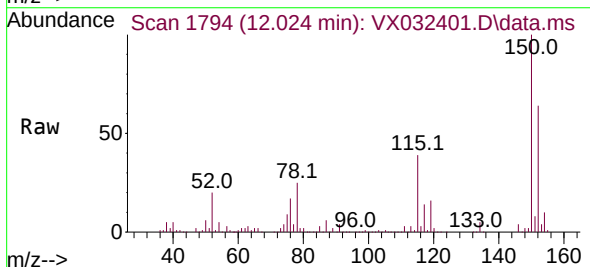
RT: 12.024 min Scan# 1794

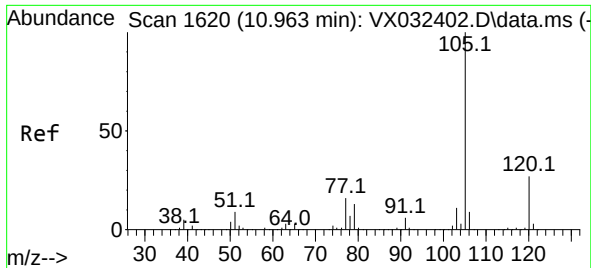
Delta R.T. 0.000 min

Lab File: VX032401.D

Acq: 26 Oct 2022 13:49

Tgt Ion:152 Resp: 87983
 Ion Ratio Lower Upper
 152 100
 115 70.8 44.0 132.0
 150 162.3 0.0 351.8





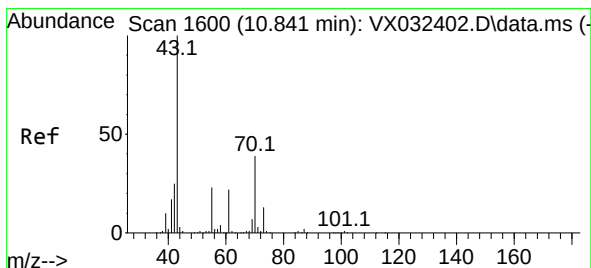
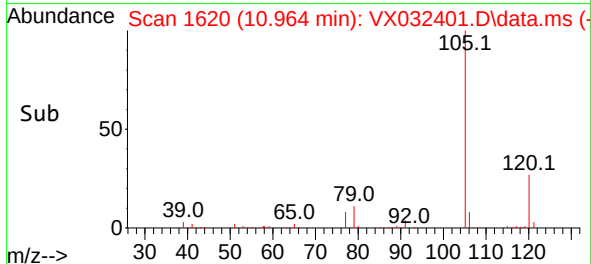
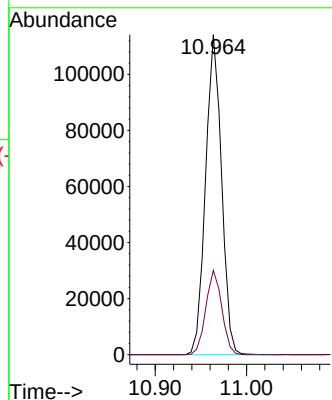
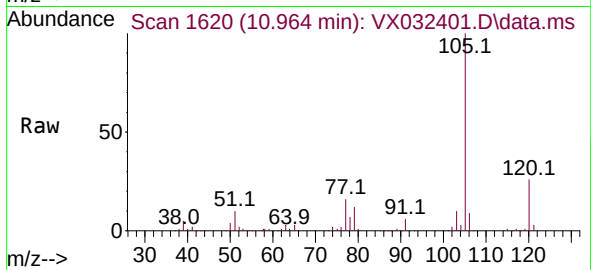
#73
Isopropylbenzene
Concen: 19.777 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:105 Resp: 137885
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.3

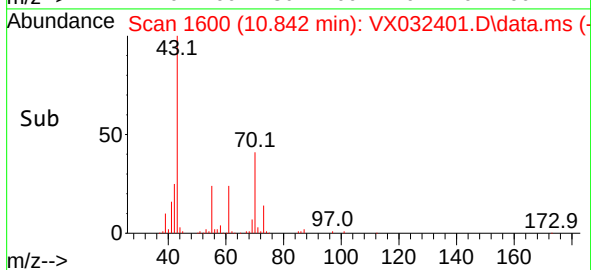
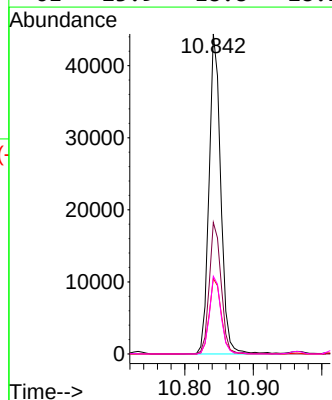
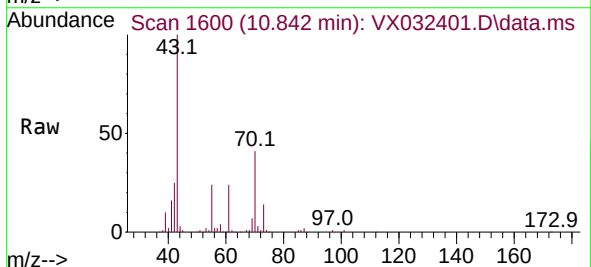
Manual Integrations
APPROVED

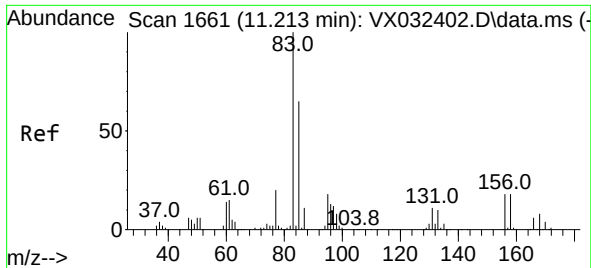
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#74
N-ethyl acetate
Concen: 20.142 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

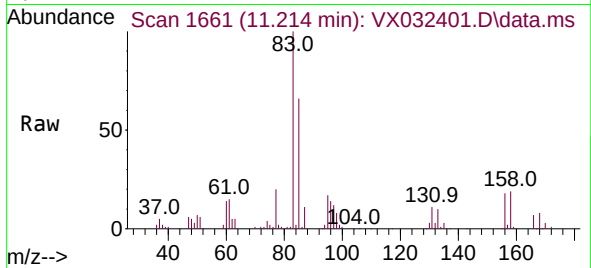
Tgt Ion: 43 Resp: 53061
Ion Ratio Lower Upper
43 100
70 41.3 33.6 50.4
55 24.0 19.4 29.2
61 23.9 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 19.743 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

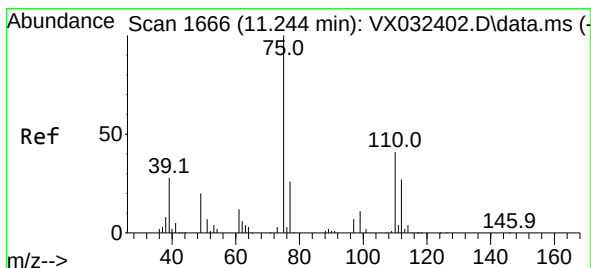
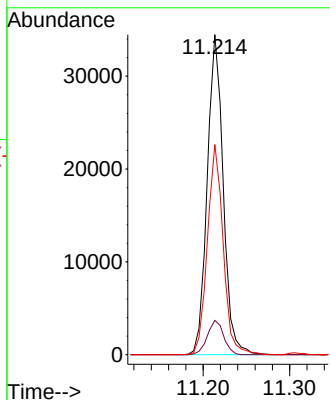
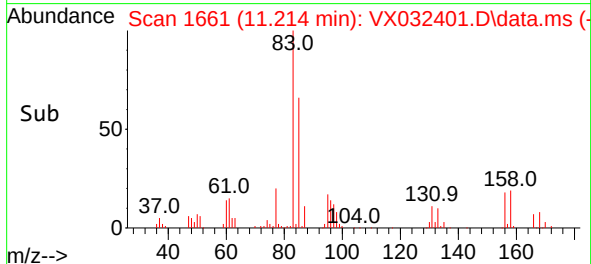
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



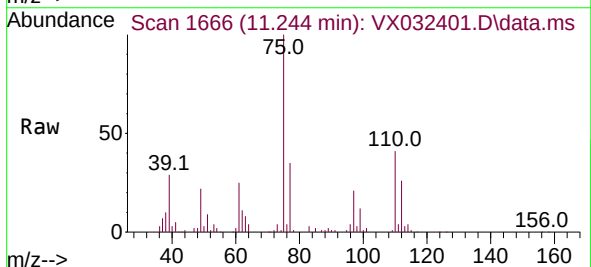
Tgt Ion: 83 Resp: 4418
Ion Ratio Lower Upper
83 100
131 10.9 5.4 16.2
85 64.7 31.9 95.9

Manual Integrations
APPROVED

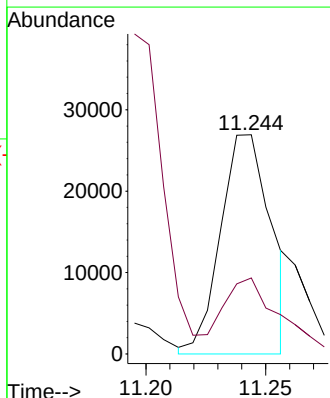
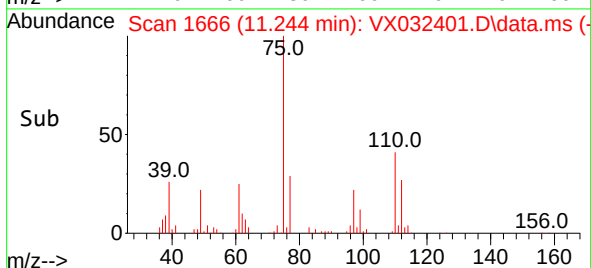
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

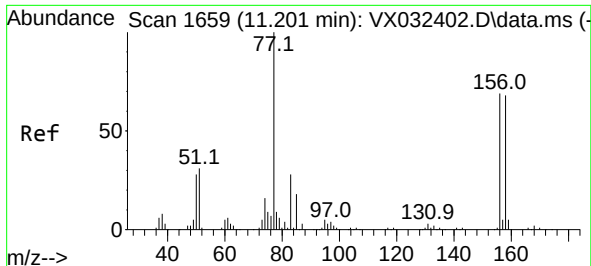


#76
1,2,3-Trichloropropane
Concen: 21.305 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49



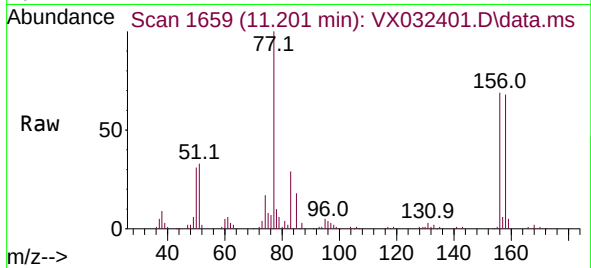
Tgt Ion: 75 Resp: 39373
Ion Ratio Lower Upper
75 100
77 40.1 20.0 60.0





#77
Bromobenzene
Concen: 19.361 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

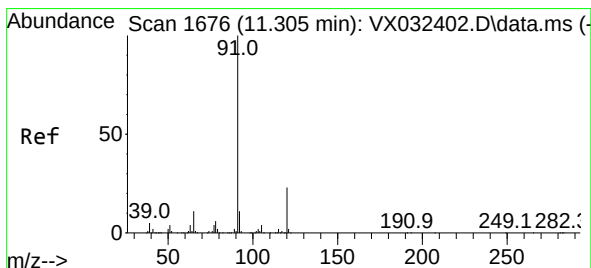
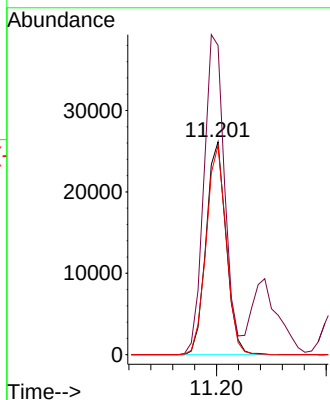
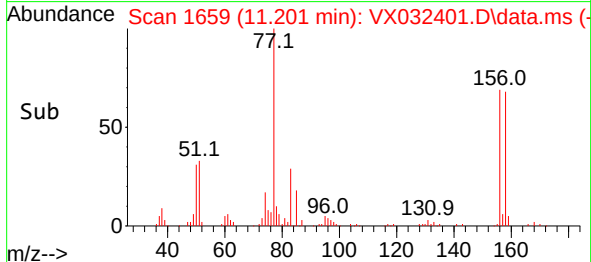
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



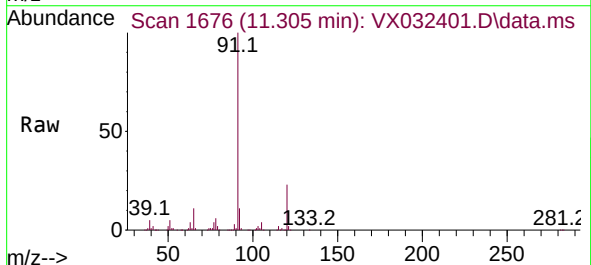
Tgt Ion:156 Resp: 3309
Ion Ratio Lower Upper
156 100
77 154.8 76.1 228.4
158 98.5 48.8 146.3

Manual Integrations
APPROVED

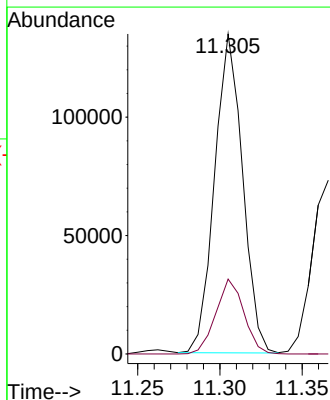
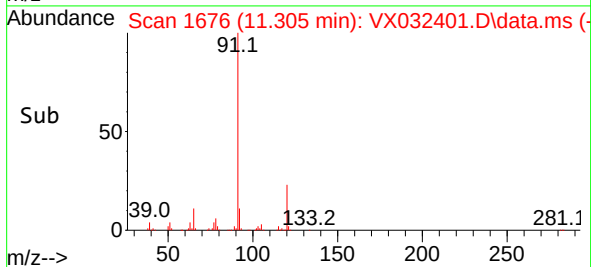
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

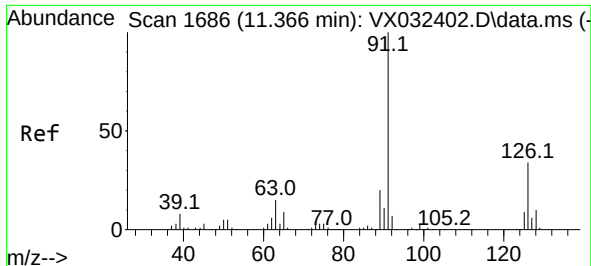


#78
n-propylbenzene
Concen: 19.809 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49



Tgt Ion: 91 Resp: 159121
Ion Ratio Lower Upper
91 100
120 23.5 11.6 34.8





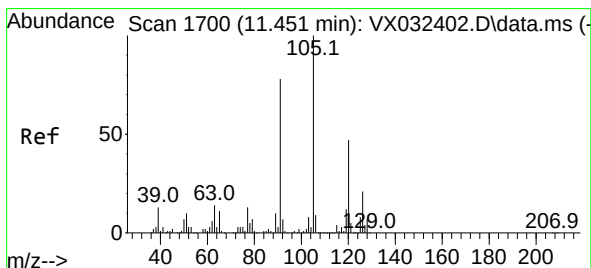
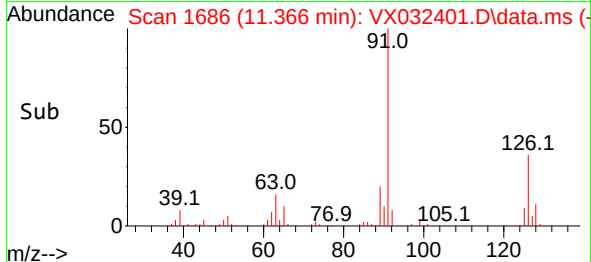
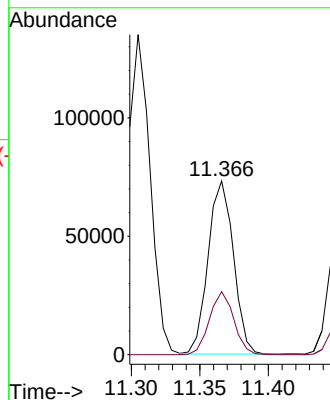
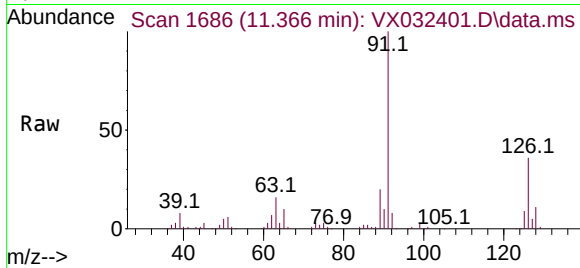
#79
2-Chlorotoluene
Concen: 19.535 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 93972
Ion Ratio Lower Upper
91 100
126 34.9 17.1 51.2

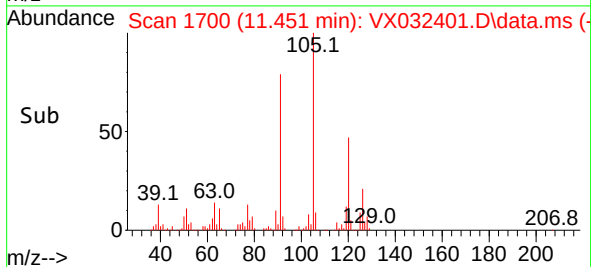
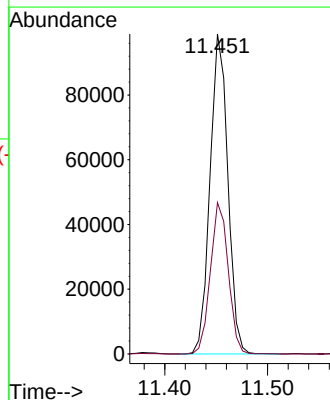
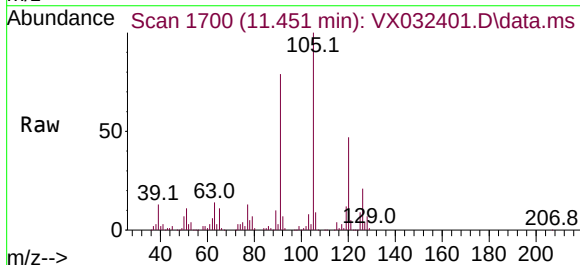
Manual Integrations
APPROVED

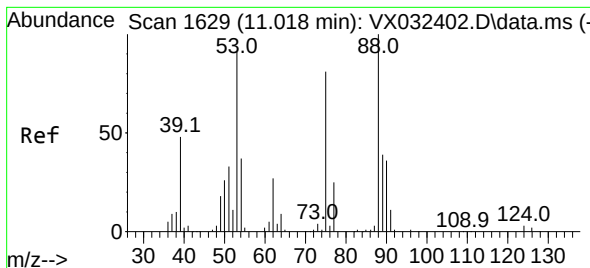
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.934 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

Tgt Ion:105 Resp: 118778
Ion Ratio Lower Upper
105 100
120 47.5 23.6 71.0





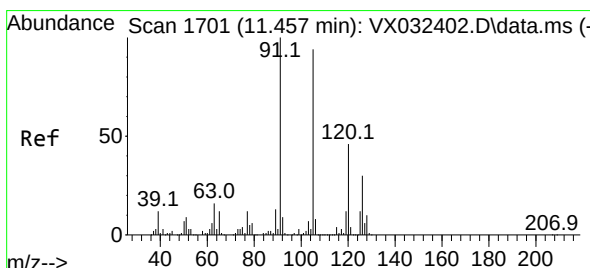
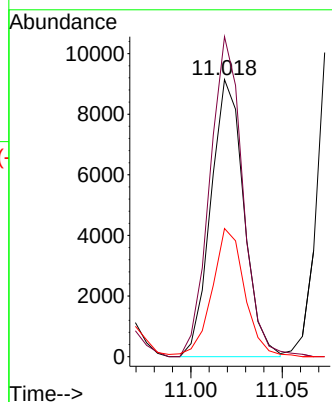
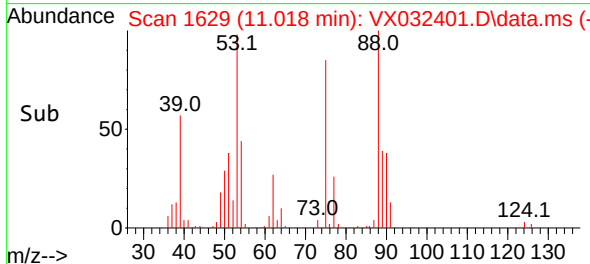
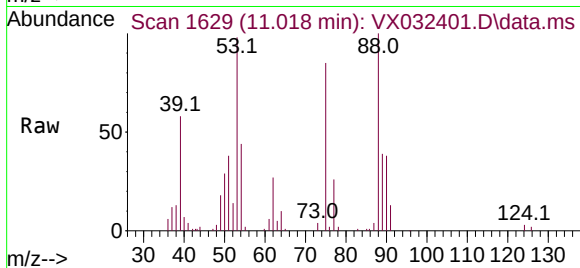
#81
trans-1,4-Dichloro-2-butene
Concen: 18.711 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 11510
Ion Ratio Lower Upper
75 100
53 115.0 86.9 130.3
89 45.7 38.3 57.5

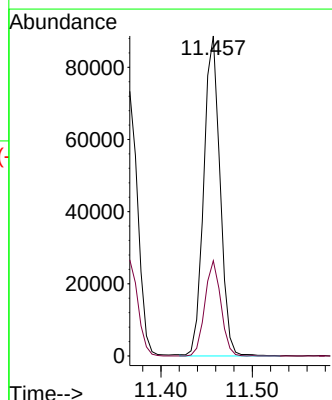
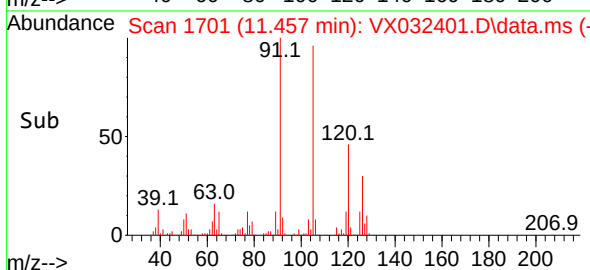
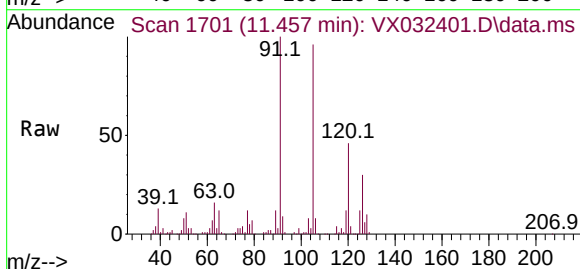
Manual Integrations
APPROVED

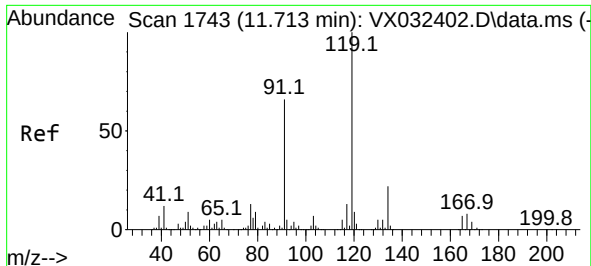
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#82
4-Chlorotoluene
Concen: 19.558 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

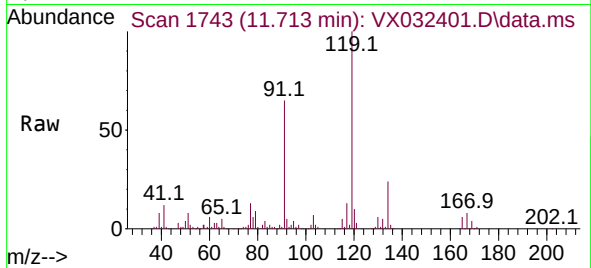
Tgt Ion: 91 Resp: 110094
Ion Ratio Lower Upper
91 100
126 29.2 14.8 44.4





#83
tert-Butylbenzene
Concen: 19.808 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

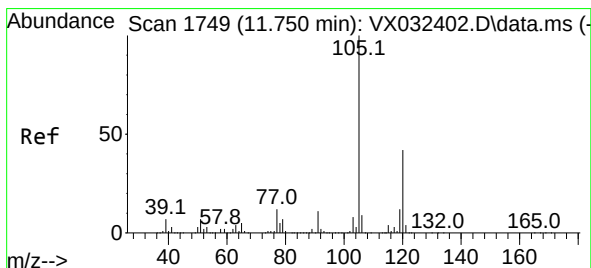
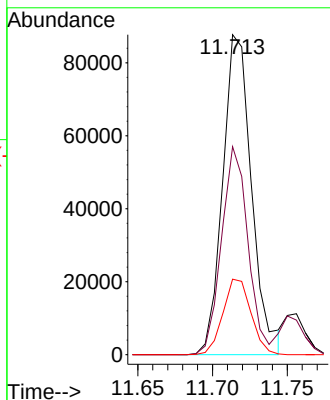
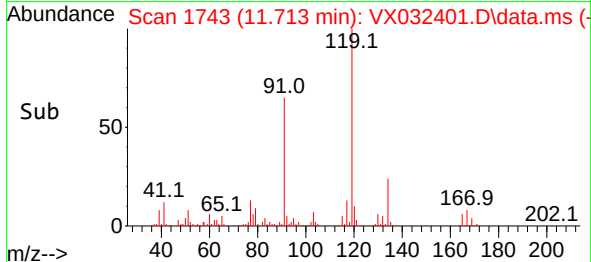
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



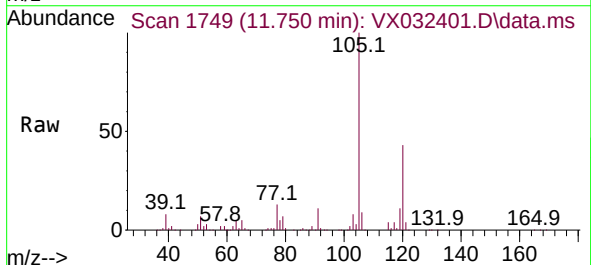
Tgt Ion:119 Resp: 117838
Ion Ratio Lower Upper
119 100
91 59.5 29.4 88.2
134 23.0 11.0 33.0

Manual Integrations
APPROVED

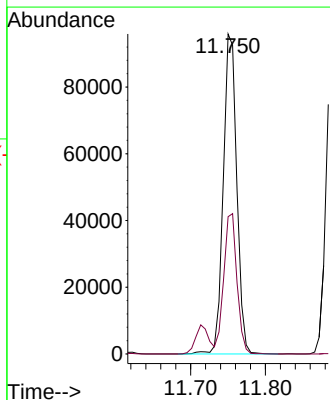
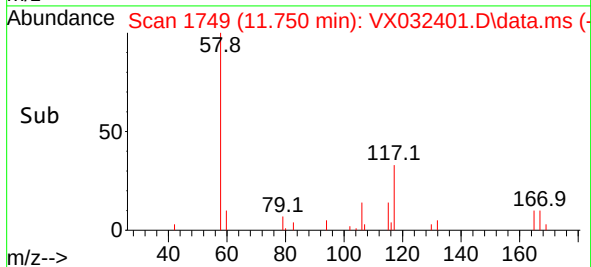
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

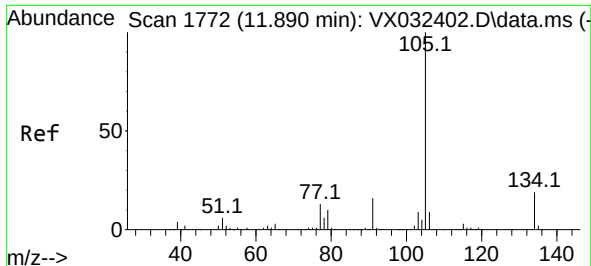


#84
1,2,4-Trimethylbenzene
Concen: 20.375 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49



Tgt Ion:105 Resp: 120749
Ion Ratio Lower Upper
105 100
120 43.0 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 20.286 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX032401.D
 Acq: 26 Oct 2022 13:49

Instrument :

MSVOA_X

ClientSampleId :

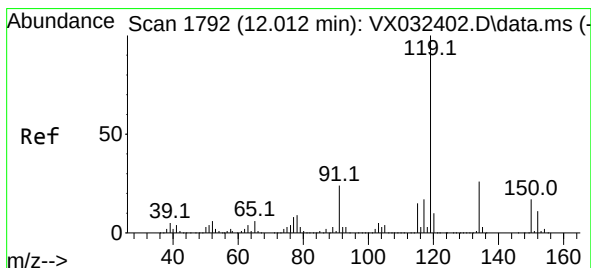
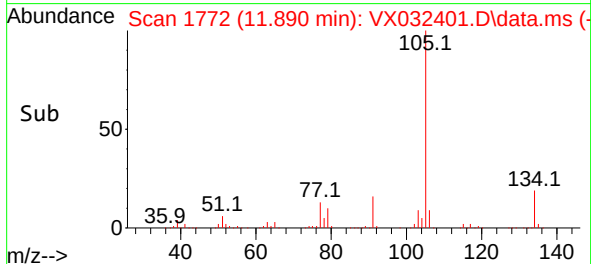
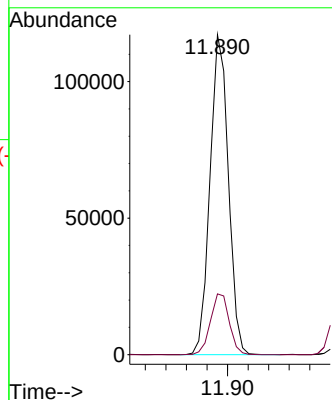
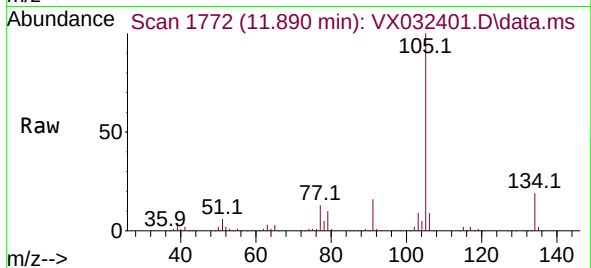
VSTDICC020

Tgt Ion:105 Resp: 14521
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.9 29.7

Manual Integrations

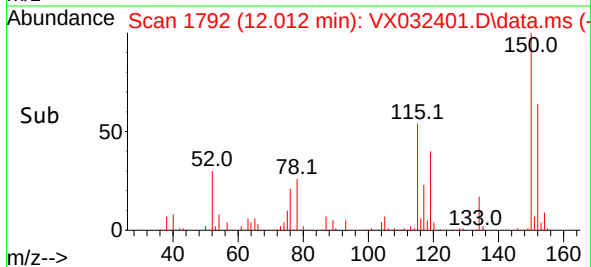
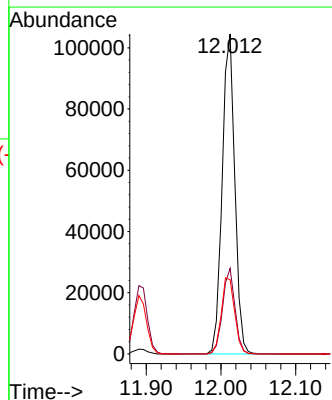
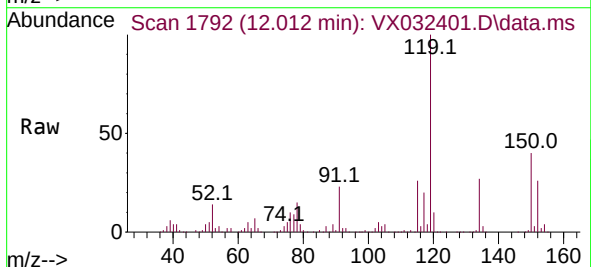
APPROVED

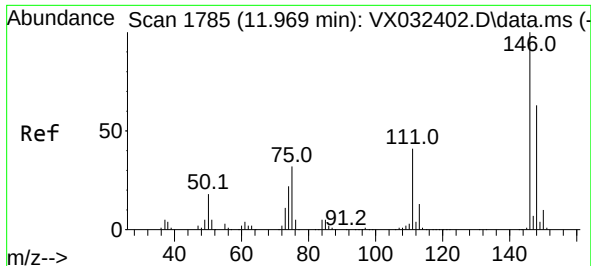
Reviewed By :John Carlone 10/27/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#86
 p-Isopropyltoluene
 Concen: 20.227 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX032401.D
 Acq: 26 Oct 2022 13:49

Tgt Ion:119 Resp: 122857
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.7
 91 25.3 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 19.607 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX032401.D

Acq: 26 Oct 2022 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

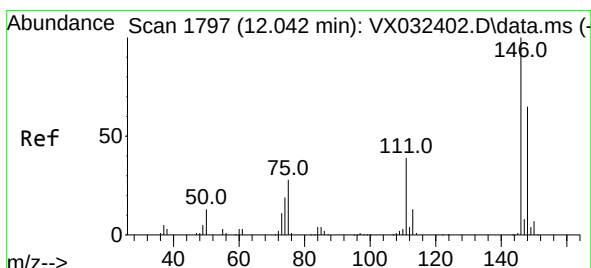
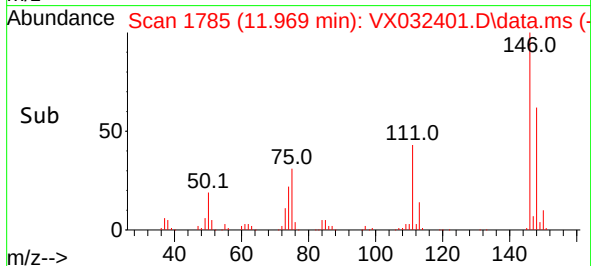
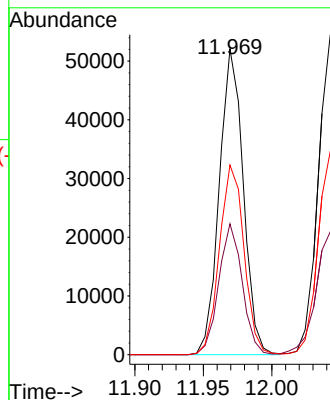
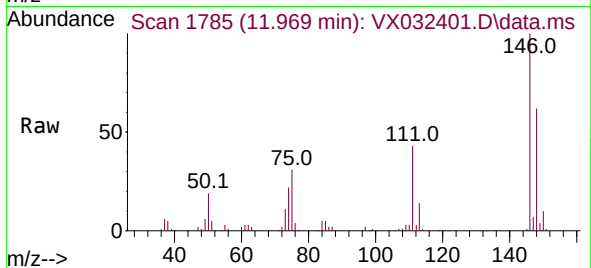
Tgt Ion:146 Resp: 63217
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.6 61.8
 148 63.8 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#88

1,4-Dichlorobenzene

Concen: 19.271 ug/l

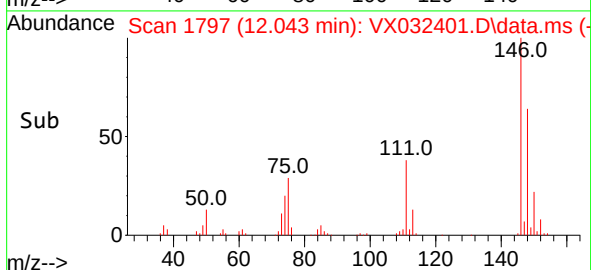
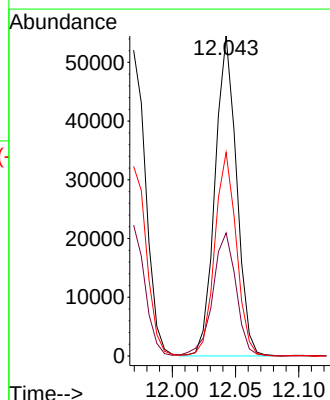
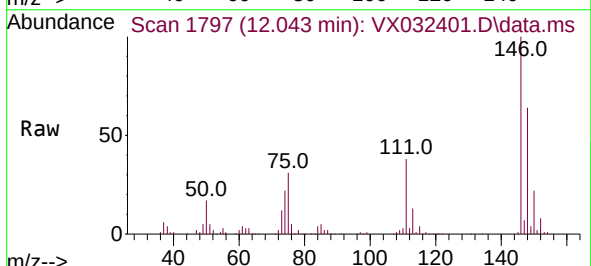
RT: 12.043 min Scan# 1797

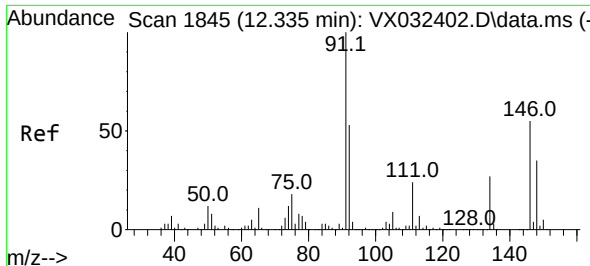
Delta R.T. 0.000 min

Lab File: VX032401.D

Acq: 26 Oct 2022 13:49

Tgt Ion:146 Resp: 64455
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.5 61.6
 148 63.6 32.2 96.6





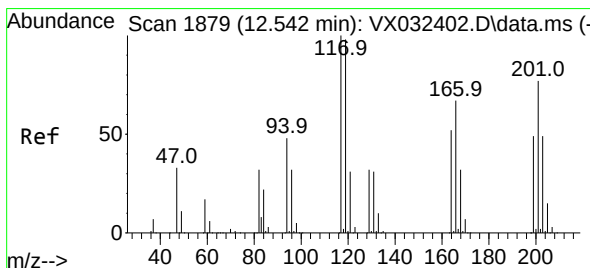
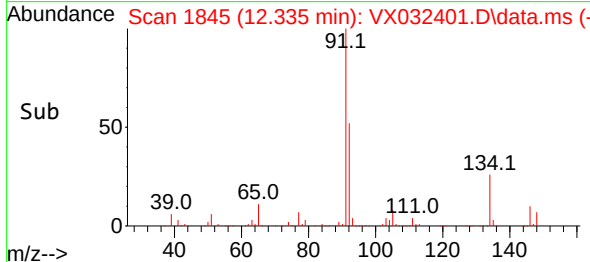
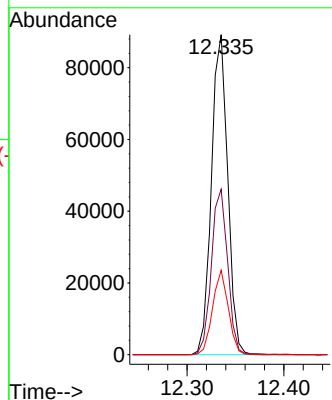
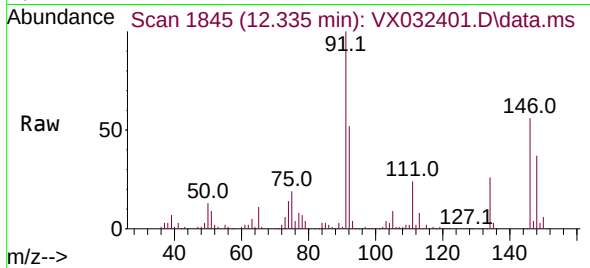
#89
n-Butylbenzene
Concen: 19.788 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 10456
Ion Ratio Lower Upper
91 100
92 51.5 26.2 78.6
134 25.5 12.9 38.6

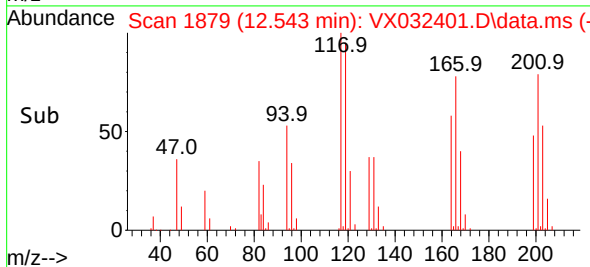
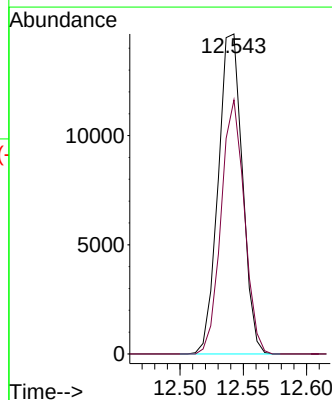
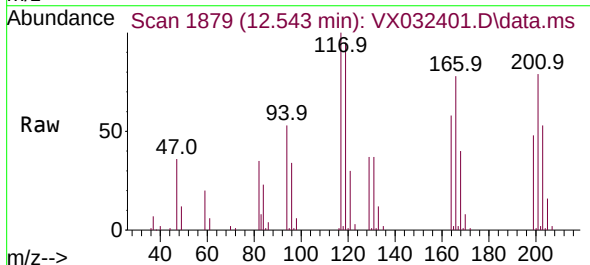
Manual Integrations
APPROVED

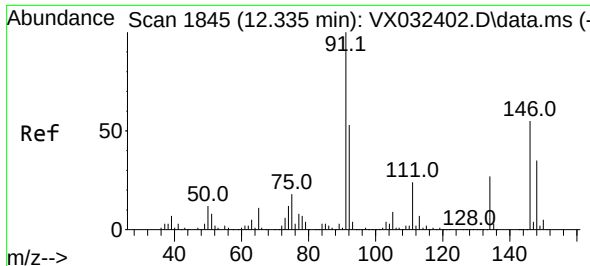
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#90
Hexachloroethane
Concen: 19.635 ug/l
RT: 12.543 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

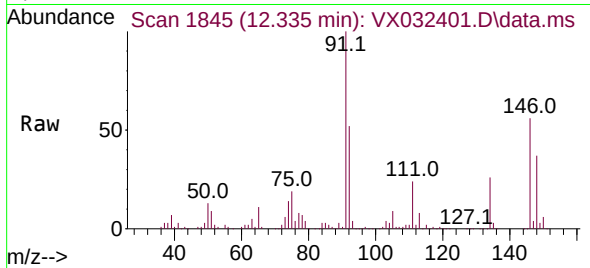
Tgt Ion:117 Resp: 19480
Ion Ratio Lower Upper
117 100
201 76.1 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 19.957 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

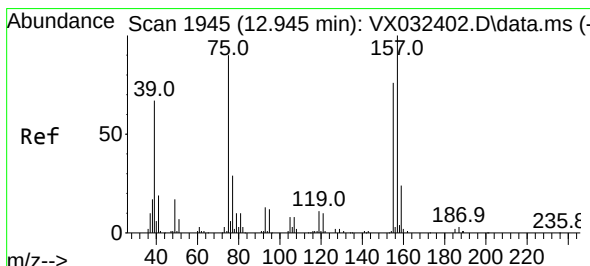
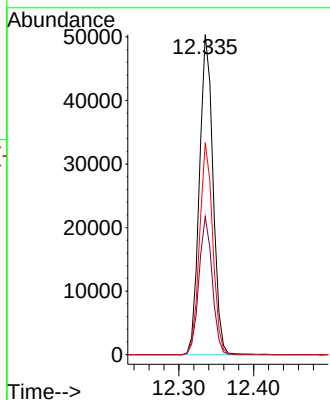
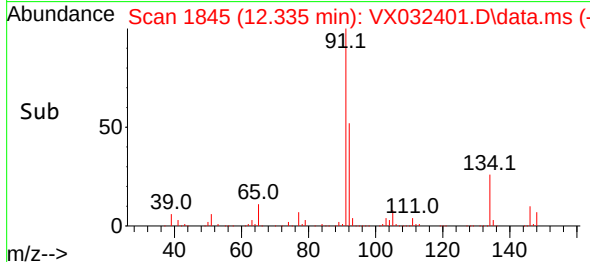
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



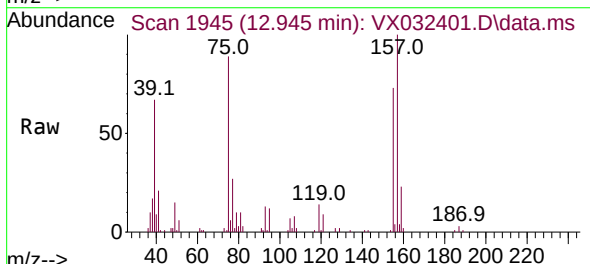
Tgt Ion:146 Resp: 6344
Ion Ratio Lower Upper
146 100
111 42.1 21.5 64.5
148 64.4 32.0 96.2

Manual Integrations
APPROVED

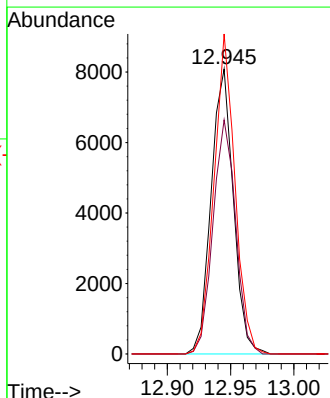
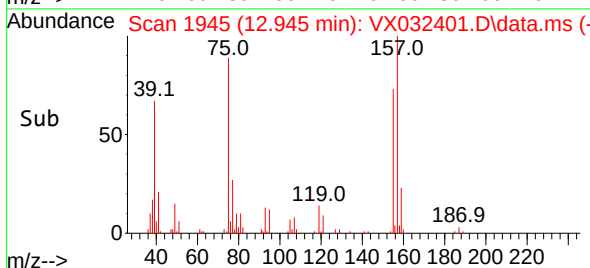
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

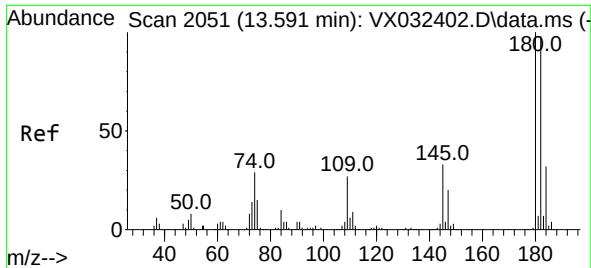


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.136 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49



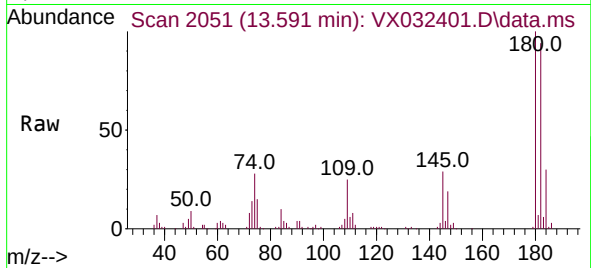
Tgt Ion: 75 Resp: 9880
Ion Ratio Lower Upper
75 100
155 83.4 41.6 124.8
157 106.0 54.1 162.4





#93
1,2,4-Trichlorobenzene
Concen: 19.553 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49

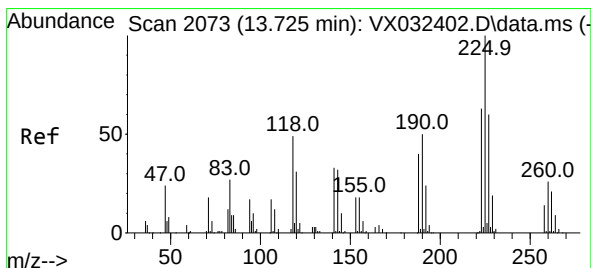
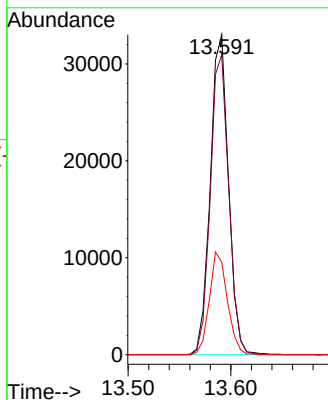
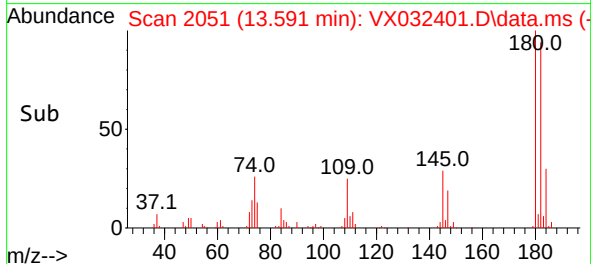
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



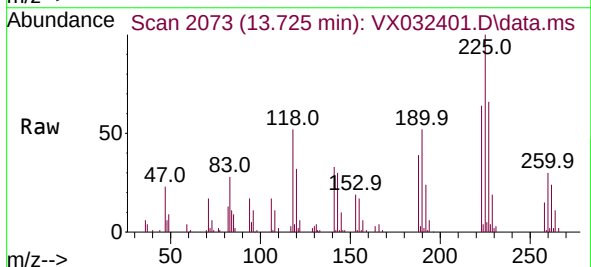
Tgt Ion:180 Resp: 4053
Ion Ratio Lower Upper
180 100
182 94.6 48.4 145.0
145 31.7 16.2 48.5

Manual Integrations
APPROVED

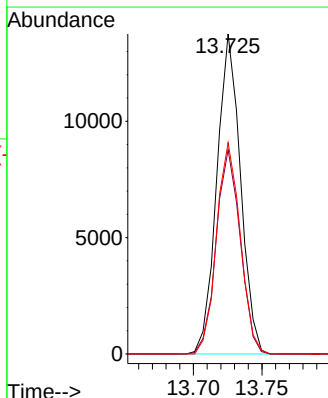
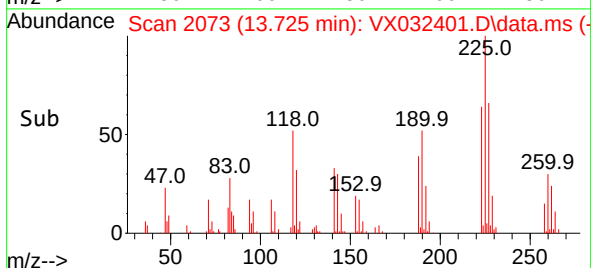
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

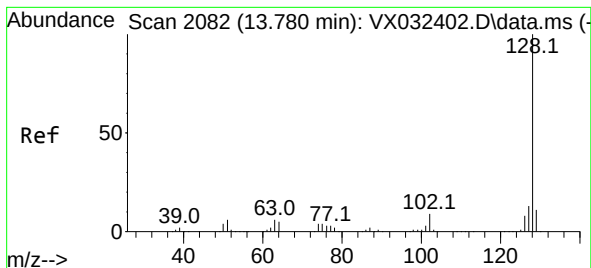


#94
Hexachlorobutadiene
Concen: 19.058 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX032401.D
Acq: 26 Oct 2022 13:49



Tgt Ion:225 Resp: 16499
Ion Ratio Lower Upper
225 100
223 64.6 31.9 95.9
227 66.3 31.9 95.5





#95

Naphthalene

Concen: 19.945 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VX032401.D

Acq: 26 Oct 2022 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

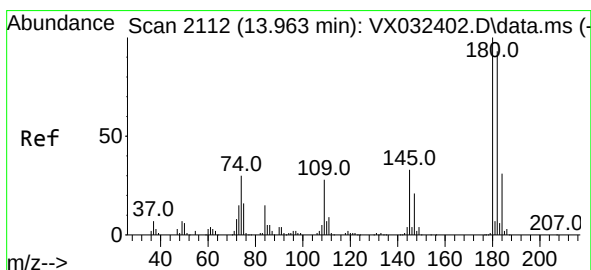
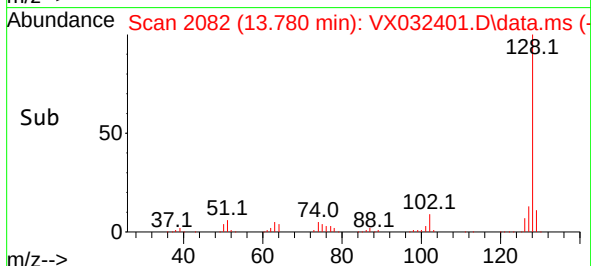
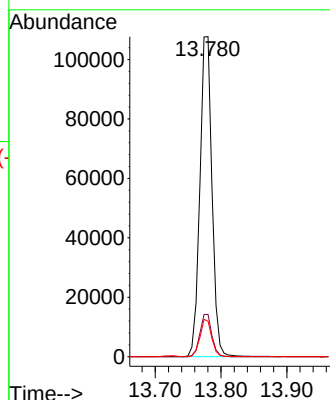
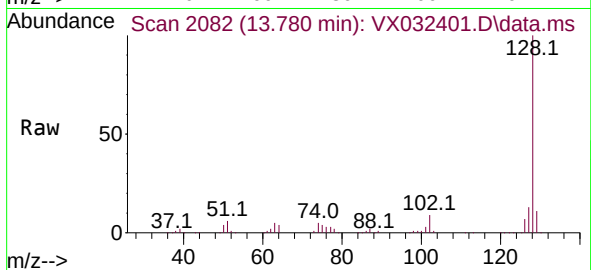
Tgt Ion:128 Resp: 137764
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.2 15.4
 129 11.2 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#96

1,2,3-Trichlorobenzene

Concen: 19.510 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX032401.D

Acq: 26 Oct 2022 13:49

Tgt Ion:180 Resp: 41110
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.5 142.6
 145 33.6 16.9 50.6

