

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102822\
 Data File : VX032447.D
 Acq On : 28 Oct 2022 10:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Oct 29 04:30:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	123252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	189399	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	174863	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94863	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79888	46.648	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.300%		
35) Dibromofluoromethane	5.379	113	64186	47.510	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.020%		
50) Toluene-d8	8.647	98	223856	47.652	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.300%		
62) 4-Bromofluorobenzene	11.079	95	89018	48.510	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.020%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	78905	55.507	ug/l	97
3) Chloromethane	1.294	50	63088	52.478	ug/l	97
4) Vinyl Chloride	1.374	62	70338	53.163	ug/l	100
5) Bromomethane	1.618	94	57741	54.610	ug/l	99
6) Chloroethane	1.691	64	59463	66.993	ug/l	100
7) Trichlorofluoromethane	1.886	101	130867	52.202	ug/l	100
8) Diethyl Ether	2.130	74	40980	50.443	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	70733	53.457	ug/l	100
10) Methyl Iodide	2.453	142	80591	54.577	ug/l	99
11) Tert butyl alcohol	2.983	59	49596	198.972	ug/l	100
12) 1,1-Dichloroethene	2.319	96	63677	51.516	ug/l	98
13) Acrolein	2.233	56	82346	330.922	ug/l	100
14) Allyl chloride	2.666	41	105350	53.467	ug/l	99
15) Acrylonitrile	3.062	53	154539	228.447	ug/l	100
16) Acetone	2.386	43	132466	212.819	ug/l	99
17) Carbon Disulfide	2.514	76	161599	54.889	ug/l	99
18) Methyl Acetate	2.703	43	97316	48.079	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	218546	50.306	ug/l	99
20) Methylene Chloride	2.788	84	70783	49.598	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	69397	51.579	ug/l	98
22) Diisopropyl ether	3.757	45	222313	52.163	ug/l	96
23) Vinyl Acetate	3.721	43	889033	258.195	ug/l	99
24) 1,1-Dichloroethane	3.605	63	125489	51.190	ug/l	99
25) 2-Butanone	4.556	43	217106	225.137	ug/l	98
26) 2,2-Dichloropropane	4.477	77	108389	55.622	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	81556	52.441	ug/l	98
28) Bromochloromethane	4.897	49	39601	45.352	ug/l	98
29) Tetrahydrofuran	5.001	42	138833	225.776	ug/l	100
30) Chloroform	5.093	83	139005	51.676	ug/l	100
31) Cyclohexane	5.471	56	112691	54.271	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	127145	52.673	ug/l	99
36) 1,1-Dichloropropene	5.690	75	101921	54.175	ug/l	100
37) Ethyl Acetate	4.708	43	91203	46.573	ug/l	98
38) Carbon Tetrachloride	5.678	117	116841	55.994	ug/l	94
39) Methylcyclohexane	7.379	83	126699	56.920	ug/l	95
40) Benzene	6.037	78	282057	52.980	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	51627	51.751	ug/l	96
42) 1,2-Dichloroethane	6.086	62	116671	53.610	ug/l	100
43) Isopropyl Acetate	6.336	43	150376	50.012	ug/l	99
44) Trichloroethene	7.123	130	78540	52.405	ug/l	95
45) 1,2-Dichloropropane	7.428	63	72300	52.904	ug/l	99
46) Dibromomethane	7.580	93	54779	52.265	ug/l	99
47) Bromodichloromethane	7.818	83	110158	55.456	ug/l	96
48) Methyl methacrylate	7.690	41	76772	49.438	ug/l	99
49) 1,4-Dioxane	7.690	88	25743	869.868	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	456767	241.178	ug/l	100
52) Toluene	8.720	92	185211	53.322	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	113896	56.196	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	121665	56.124	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	75631	51.702	ug/l	98
56) Ethyl methacrylate	9.116	69	109713	52.118	ug/l	99
57) 1,3-Dichloropropane	9.305	76	122933	52.040	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	243818	240.541	ug/l	99
59) 2-Hexanone	9.427	43	347829	247.513	ug/l	100
60) Dibromochloromethane	9.519	129	85941	53.788	ug/l	100
61) 1,2-Dibromoethane	9.610	107	80407	51.877	ug/l	100
64) Tetrachloroethene	9.275	164	68370	53.419	ug/l	94
65) Chlorobenzene	10.079	112	201976	51.564	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	77722	52.721	ug/l	99
67) Ethyl Benzene	10.195	91	375453	53.601	ug/l	100
68) m/p-Xylenes	10.299	106	290835	106.928	ug/l	100
69) o-Xylene	10.640	106	141834	53.634	ug/l	99
70) Styrene	10.653	104	234774	53.419	ug/l	100
71) Bromoform	10.799	173	61758	52.985	ug/l #	99
73) Isopropylbenzene	10.963	105	382033	50.822	ug/l	100
74) N-amyl acetate	10.842	43	141458	49.804	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	113886	47.199	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	103862m	49.213	ug/l	
77) Bromobenzene	11.201	156	91258	49.519	ug/l	99
78) n-propylbenzene	11.305	91	450104	51.971	ug/l	100
79) 2-Chlorotoluene	11.366	91	262719	50.652	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	333920	51.975	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	33131	49.953	ug/l	98
82) 4-Chlorotoluene	11.457	91	314593	51.835	ug/l	100
83) tert-Butylbenzene	11.713	119	329395	51.355	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	332155	51.981	ug/l	100
85) sec-Butylbenzene	11.890	105	411920	53.372	ug/l	100
86) p-Isopropyltoluene	12.012	119	352885	53.885	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	178117	51.237	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	180158	49.954	ug/l	99
89) n-Butylbenzene	12.335	91	314735	55.242	ug/l	99
90) Hexachloroethane	12.536	117	59612	55.728	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	174011	50.765	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24435	46.187	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	111385	49.836	ug/l	98
94) Hexachlorobutadiene	13.725	225	48769	52.247	ug/l	98
95) Naphthalene	13.774	128	352494	47.332	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	109206	48.067	ug/l	100

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Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration

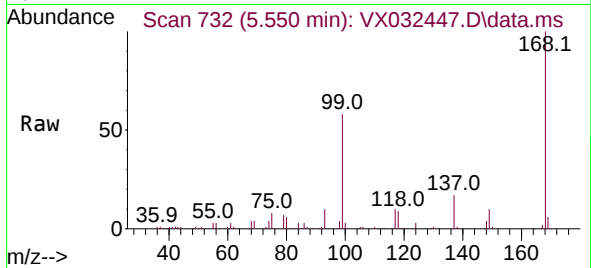
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

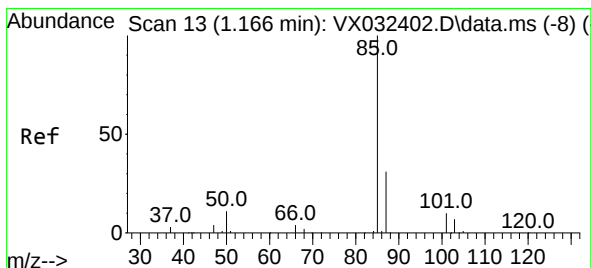
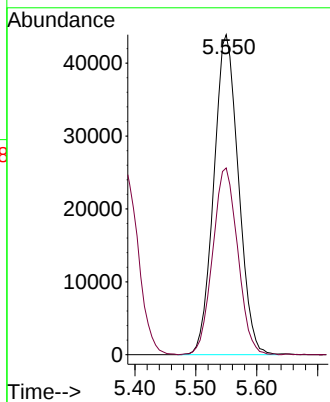
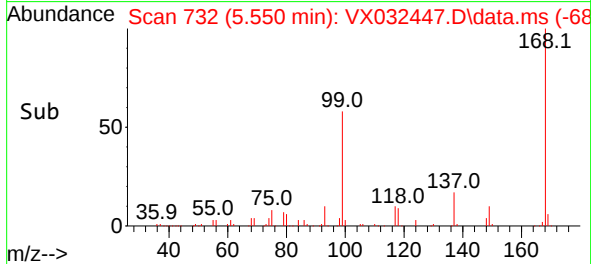
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 12325
Ion Ratio Lower Upper
168 100
99 58.4 46.1 69.1

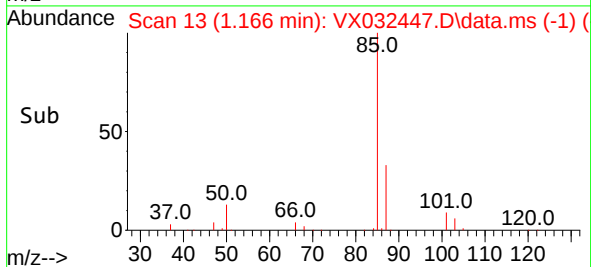
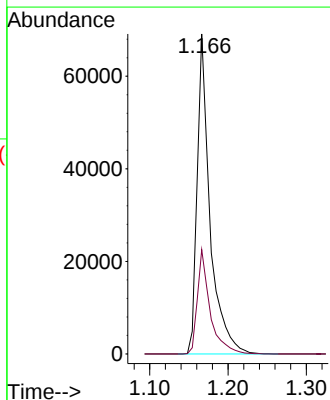
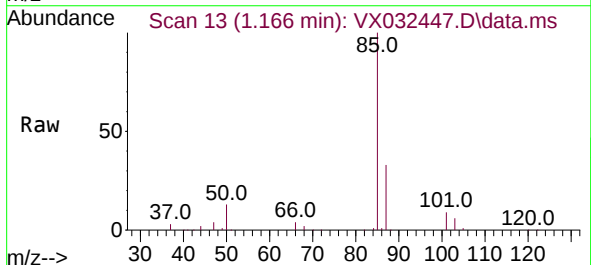
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#2
Dichlorodifluoromethane
Concen: 55.507 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

Tgt Ion: 85 Resp: 78905
Ion Ratio Lower Upper
85 100
87 32.6 15.6 46.7





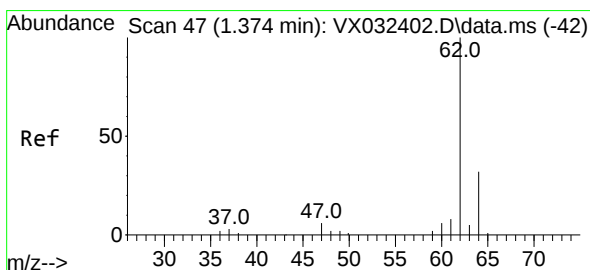
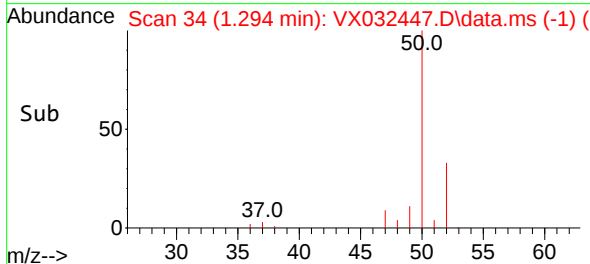
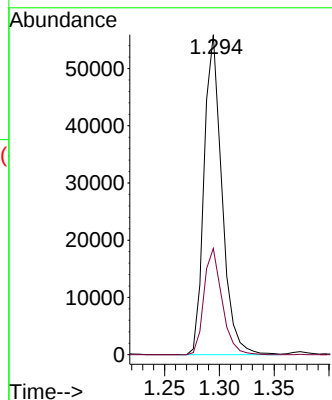
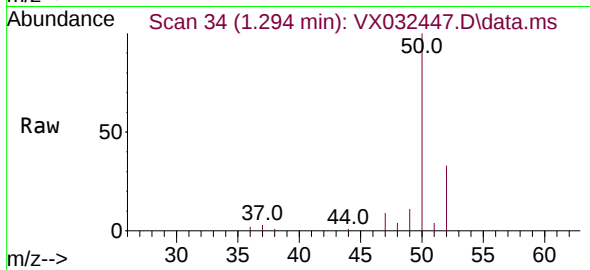
#3
Chloromethane
Concen: 52.478 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 63088
Ion Ratio Lower Upper
50 100
52 33.2 25.4 38.2

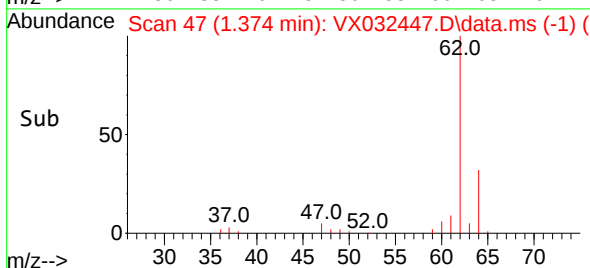
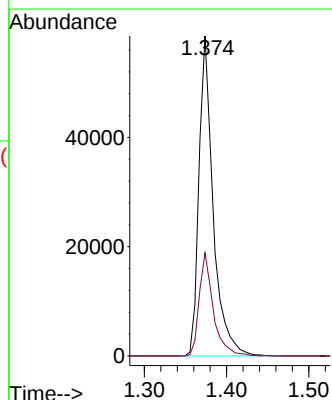
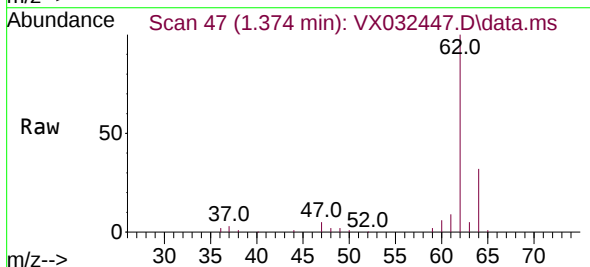
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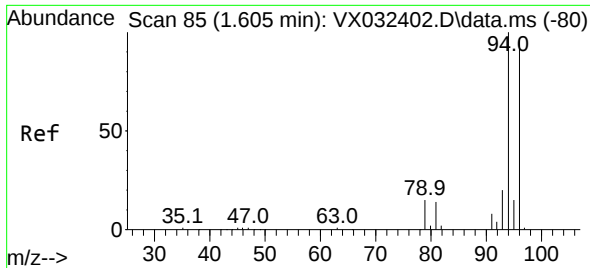
Reviewed By :John Carlone 10/31/2022
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#4
Vinyl Chloride
Concen: 53.163 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

Tgt Ion: 62 Resp: 70338
Ion Ratio Lower Upper
62 100
64 32.2 25.8 38.6





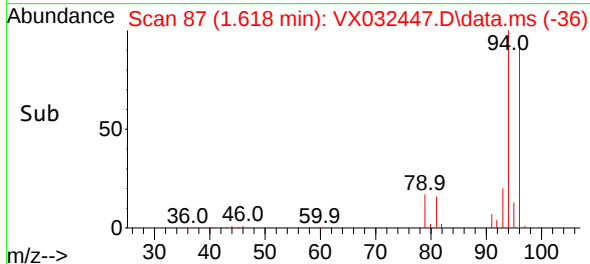
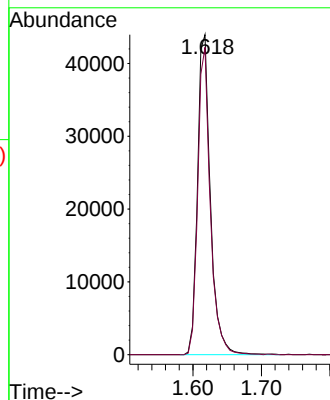
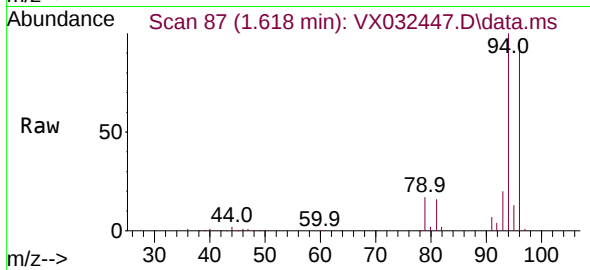
#5
Bromomethane
Concen: 54.610 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 5774
Ion Ratio Lower Upper
94 100
96 96.0 77.6 116.4

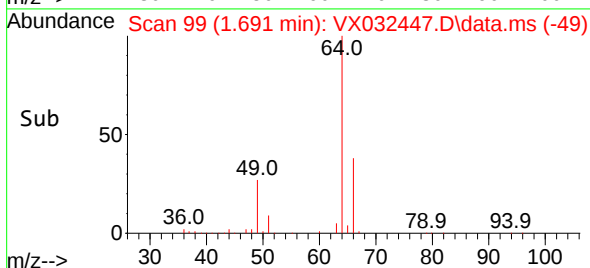
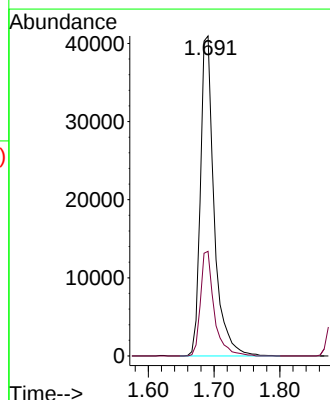
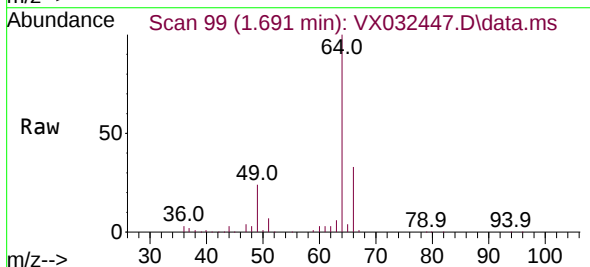
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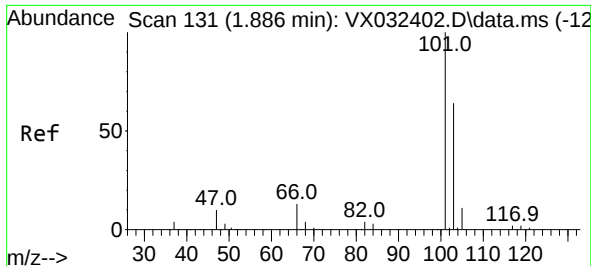
Reviewed By :John Carlone 10/31/2022
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#6
Chloroethane
Concen: 66.993 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

Tgt Ion: 64 Resp: 59463
Ion Ratio Lower Upper
64 100
66 32.7 26.0 39.0





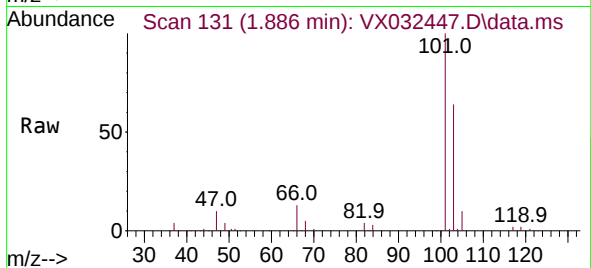
#7
 Trichlorofluoromethane
 Concen: 52.202 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032447.D
 Acq: 28 Oct 2022 10:13

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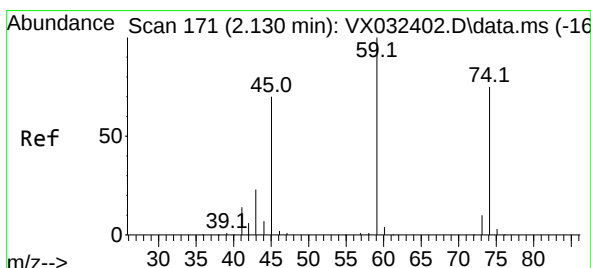
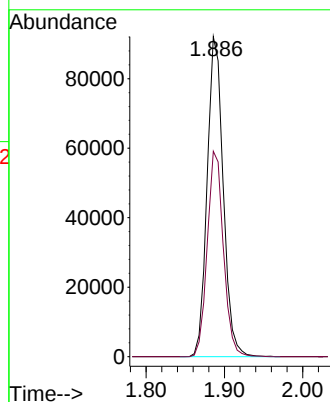
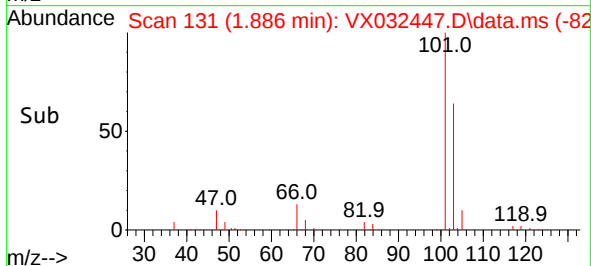
Tgt Ion:101 Resp: 13086
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.4 77.2

Manual Integrations

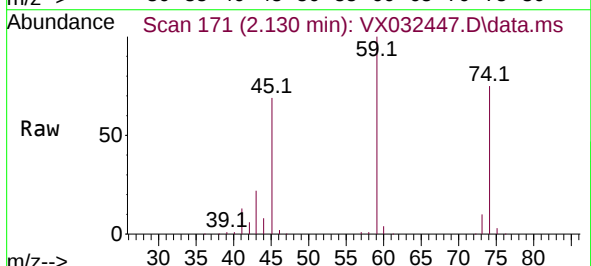
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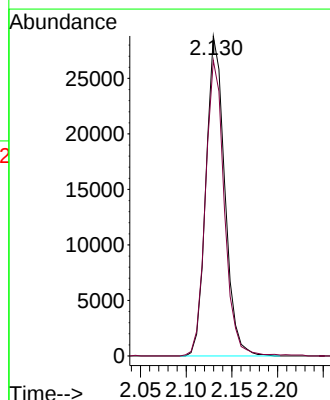
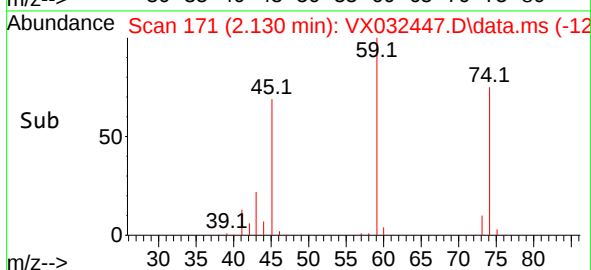
Supervised By :Mahesh Dadoda 10/31/2022

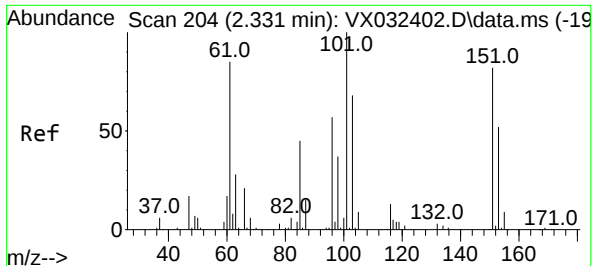


#8
 Diethyl Ether
 Concen: 50.443 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VX032447.D
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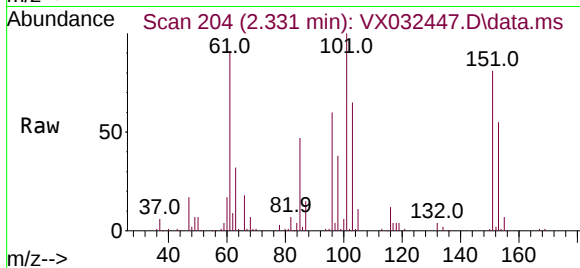
Tgt Ion: 74 Resp: 40980
 Ion Ratio Lower Upper
 74 100
 45 93.3 46.6 139.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.457 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX032447.D
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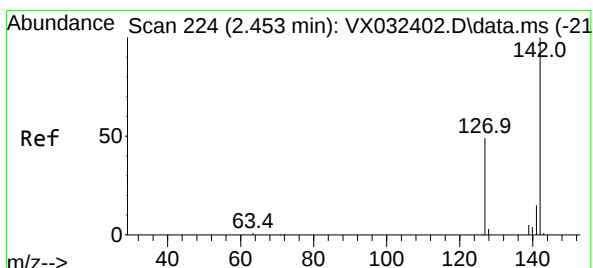
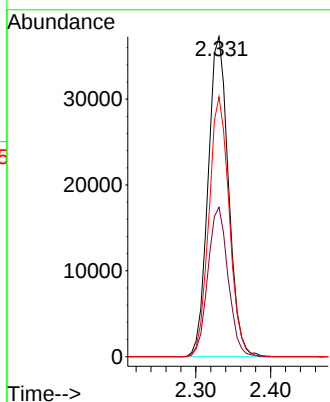
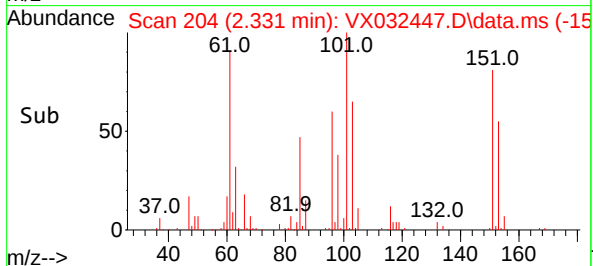
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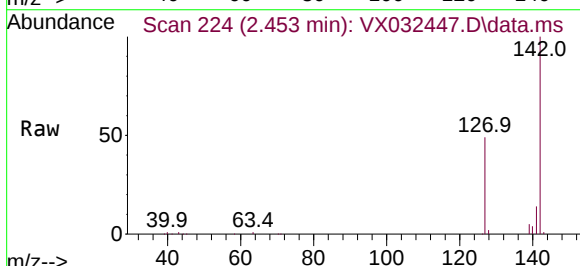
Tgt Ion:101 Resp: 7073
Ion Ratio Lower Upper
101 100
85 46.3 37.0 55.4
151 80.7 64.4 96.6

Manual Integrations
APPROVED

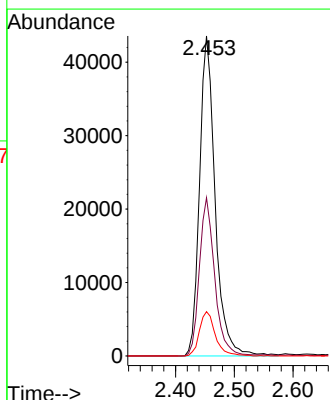
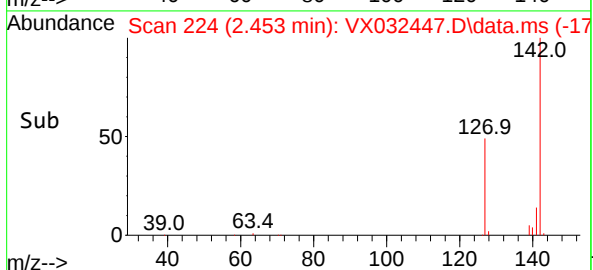
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#10
Methyl Iodide
Concen: 54.577 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13



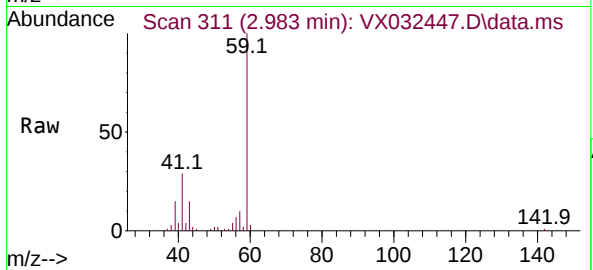
Tgt Ion:142 Resp: 80591
Ion Ratio Lower Upper
142 100
127 48.6 38.6 57.8
141 14.1 11.4 17.2





#11
Tert butyl alcohol
Concen: 198.972 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.018 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

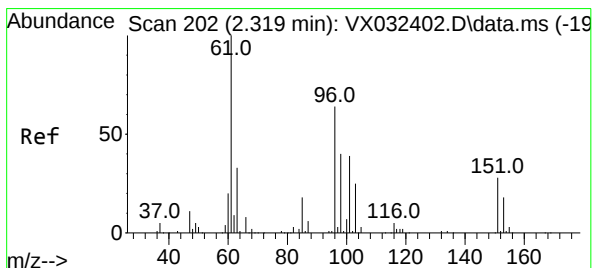
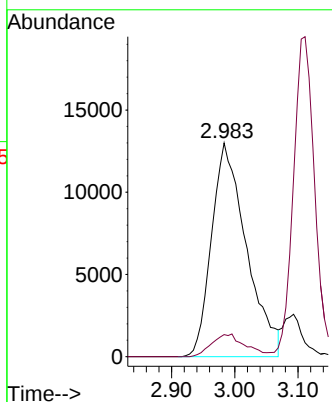
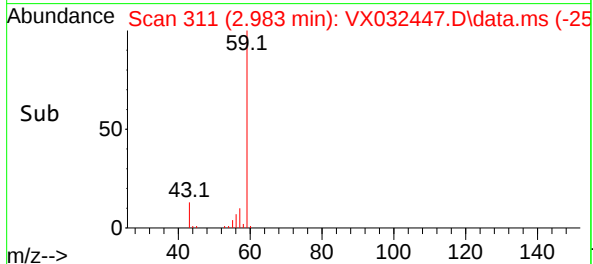
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 49590
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4

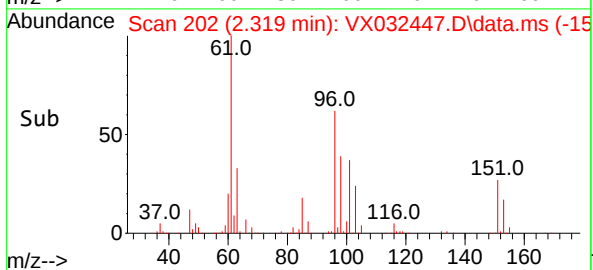
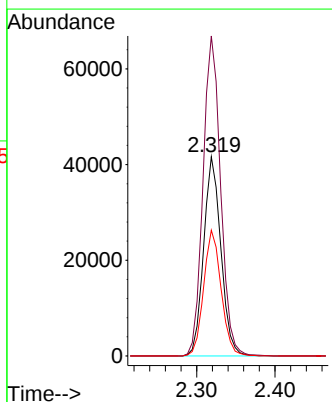
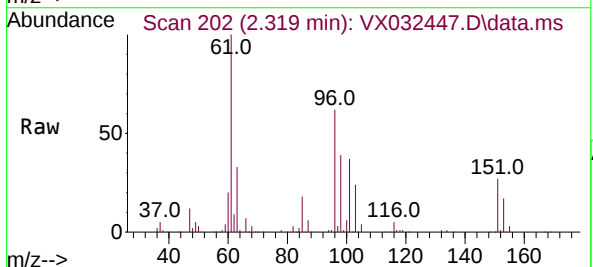
Manual Integrations
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Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#12
1,1-Dichloroethene
Concen: 51.516 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

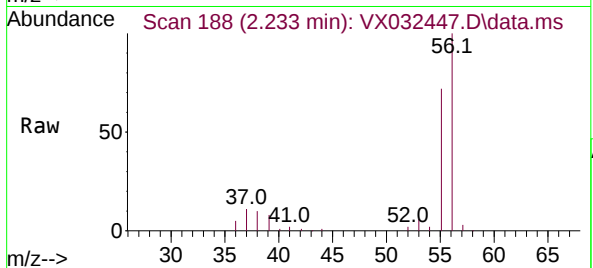
Tgt Ion: 96 Resp: 63677
Ion Ratio Lower Upper
96 100
61 160.6 125.1 187.7
98 63.1 50.6 76.0





#13
Acrolein
Concen: 330.922 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

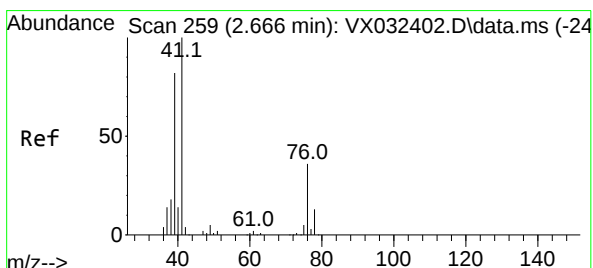
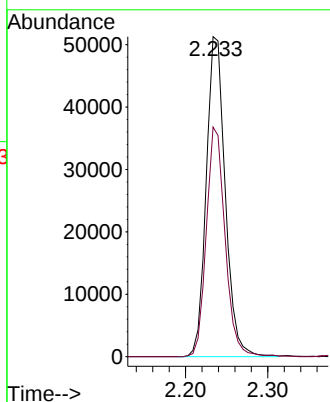
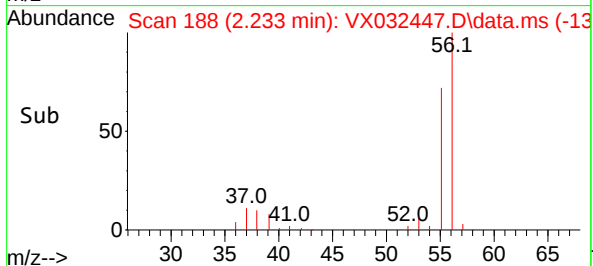
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 82340
Ion Ratio Lower Upper
56 100
55 71.0 56.9 85.3

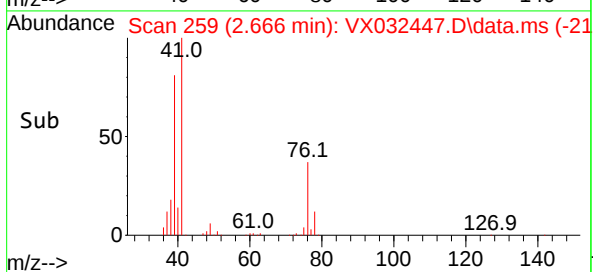
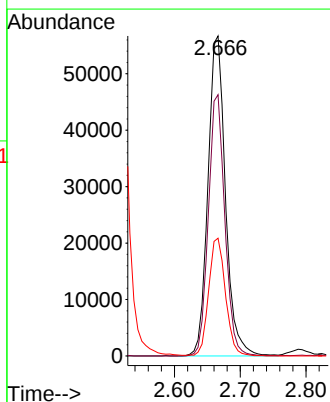
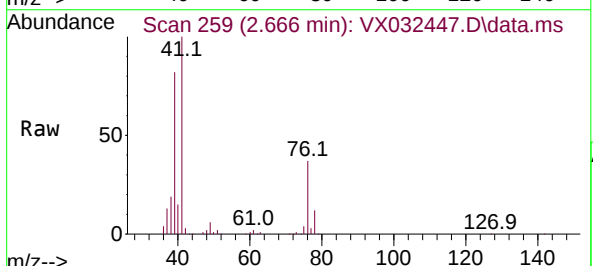
Manual Integrations
APPROVED

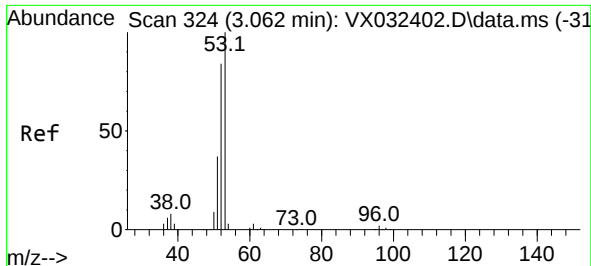
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#14
Allyl chloride
Concen: 53.467 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

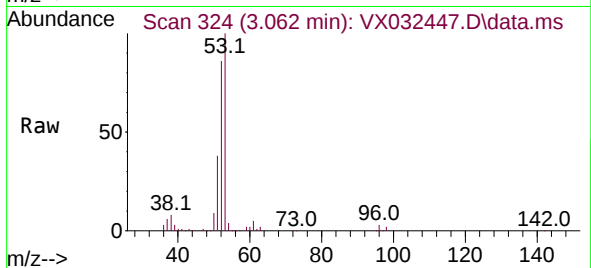
Tgt Ion: 41 Resp: 105350
Ion Ratio Lower Upper
41 100
39 76.8 61.4 92.2
76 35.3 29.2 43.8





#15
Acrylonitrile
Concen: 228.447 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

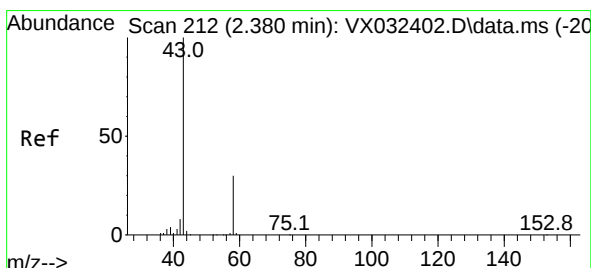
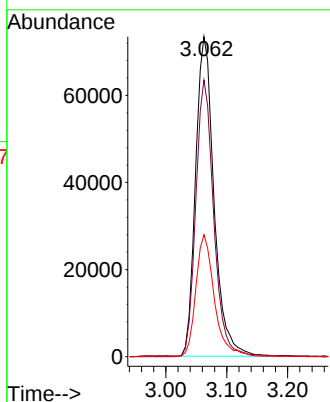
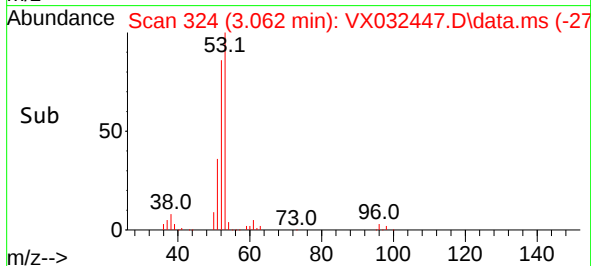
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 154539
Ion Ratio Lower Upper
53 100
52 84.4 67.4 101.0
51 37.8 30.3 45.5

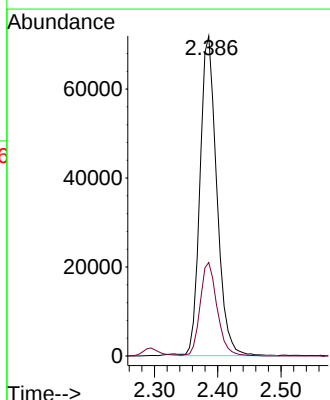
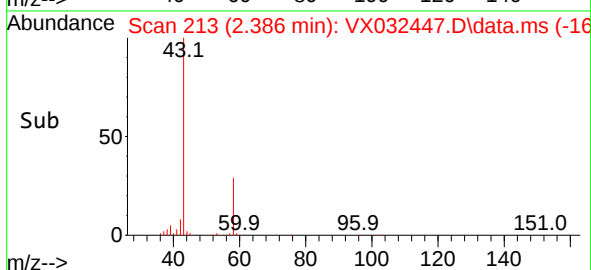
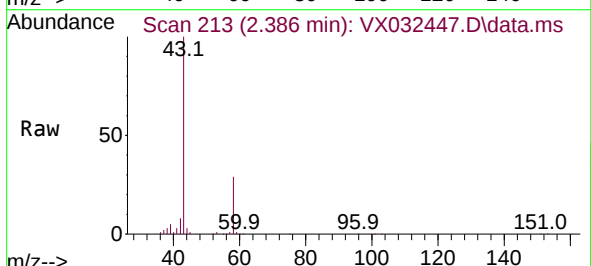
Manual Integrations
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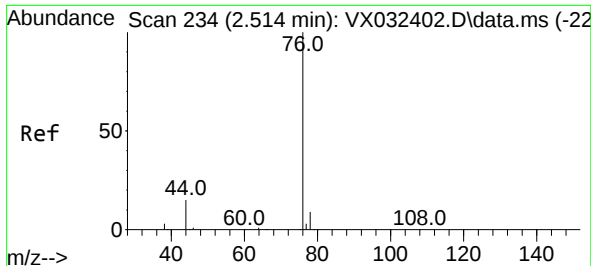
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#16
Acetone
Concen: 212.819 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

Tgt Ion: 43 Resp: 132466
Ion Ratio Lower Upper
43 100
58 29.2 23.8 35.8





#17

Carbon Disulfide

Concen: 54.889 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX032447.D

Acq: 28 Oct 2022 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 16159

Ion Ratio Lower Upper

76 100

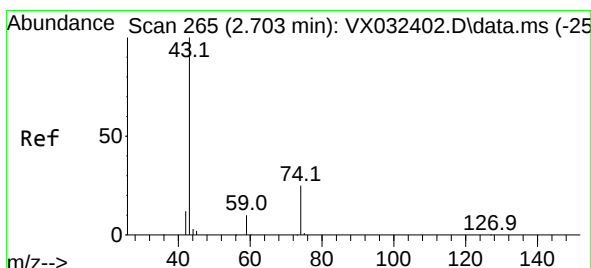
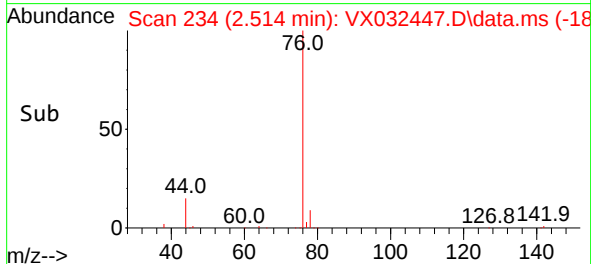
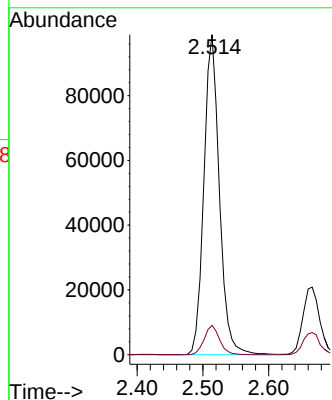
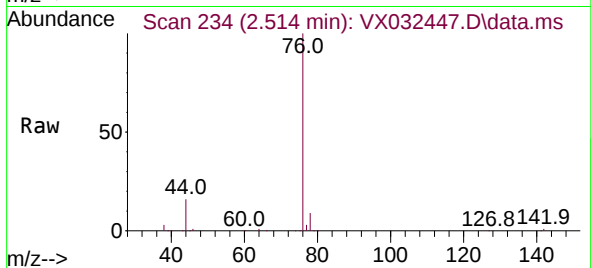
78 9.1 7.5 11.3

Manual Integrations

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Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#18

Methyl Acetate

Concen: 48.079 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX032447.D

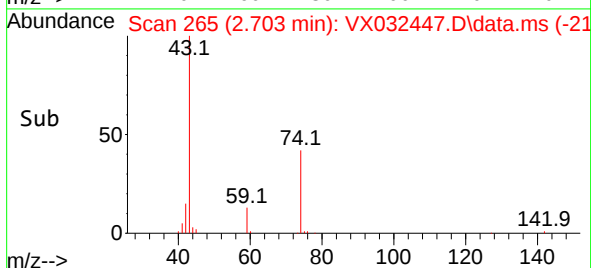
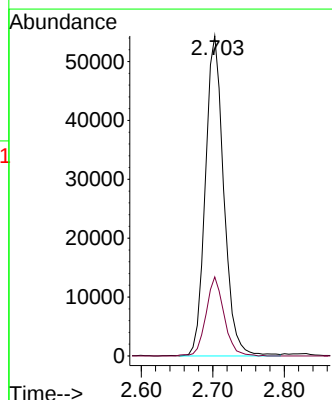
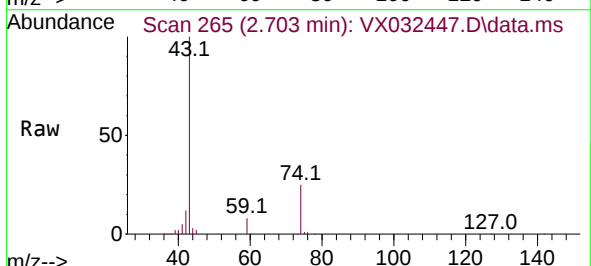
Acq: 28 Oct 2022 10:13

Tgt Ion: 43 Resp: 97316

Ion Ratio Lower Upper

43 100

74 24.2 19.4 29.0





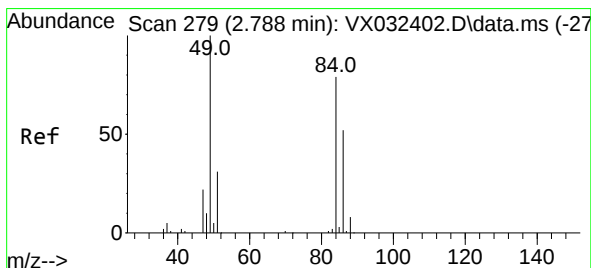
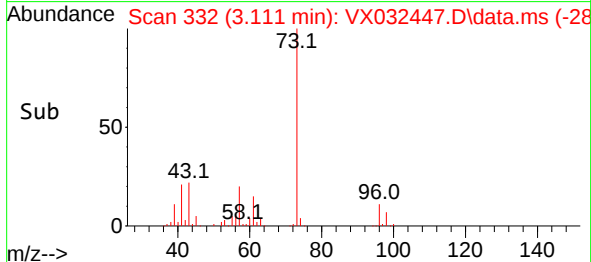
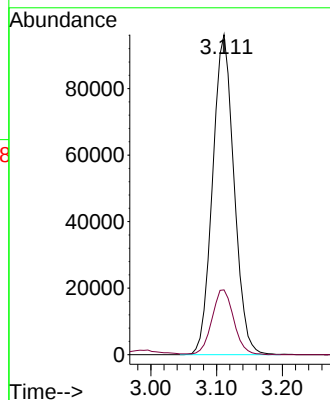
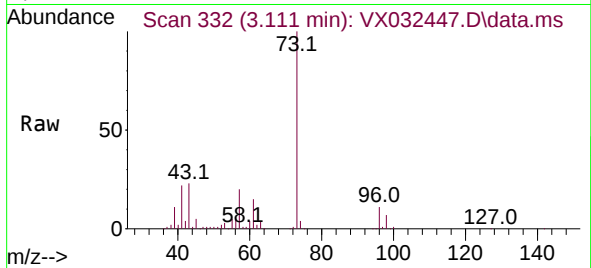
#19
Methyl tert-butyl Ether
Concen: 50.306 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 218540
Ion Ratio Lower Upper
73 100
57 20.2 16.6 25.0

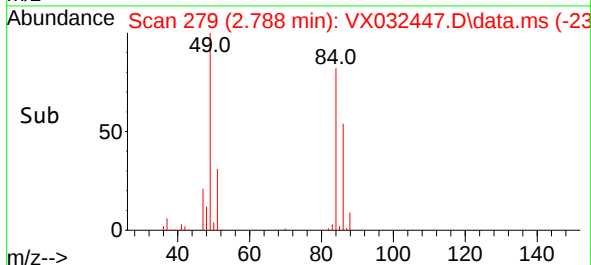
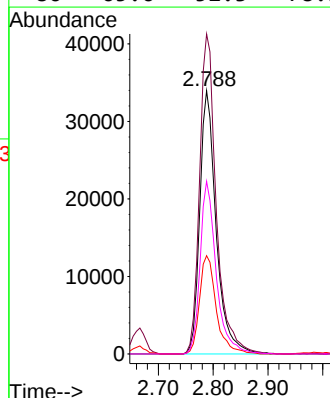
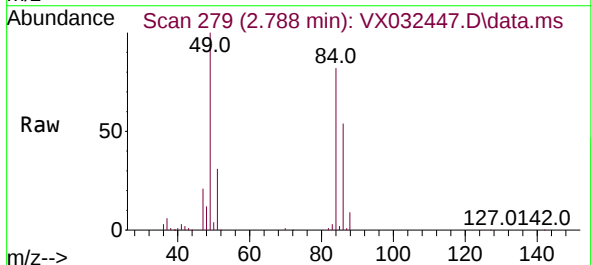
Manual Integrations
APPROVED

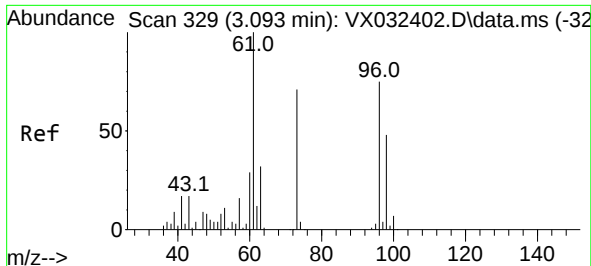
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#20
Methylene Chloride
Concen: 49.598 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

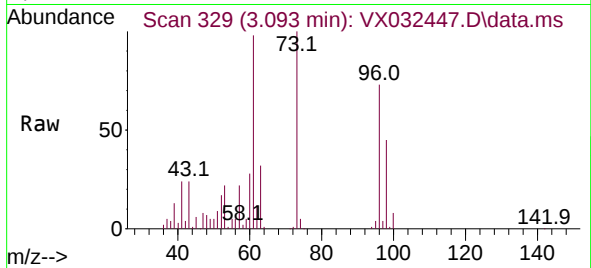
Tgt Ion: 84 Resp: 70783
Ion Ratio Lower Upper
84 100
49 121.6 101.0 151.6
51 37.4 31.1 46.7
86 65.6 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 51.579 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

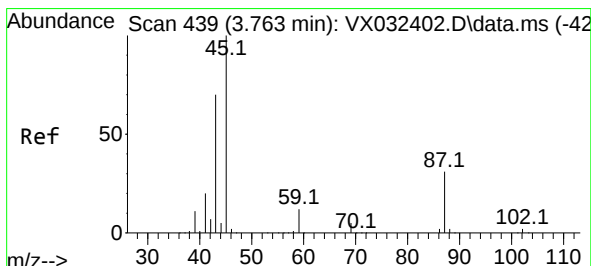
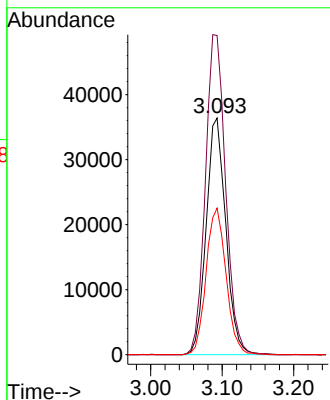
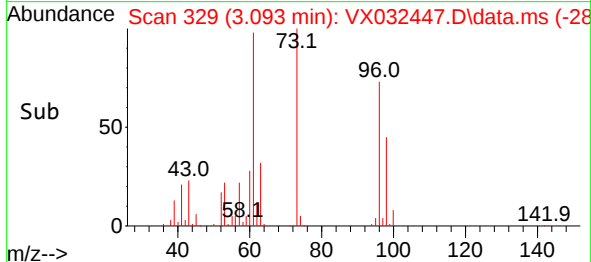
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



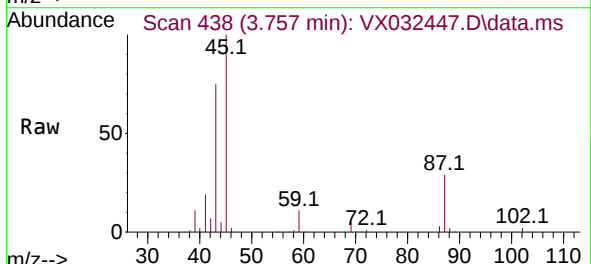
Tgt Ion: 96 Resp: 69397
Ion Ratio Lower Upper
96 100
61 134.9 106.6 160.0
98 61.9 51.0 76.6

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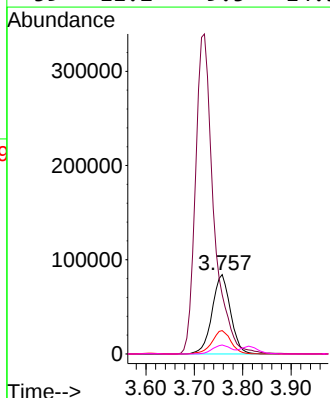
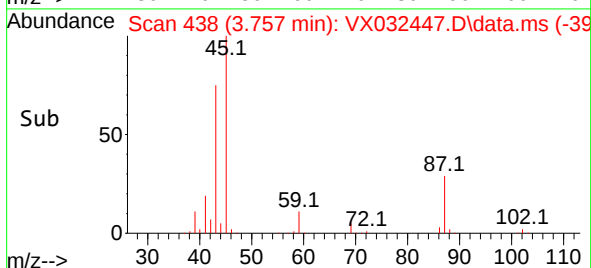
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

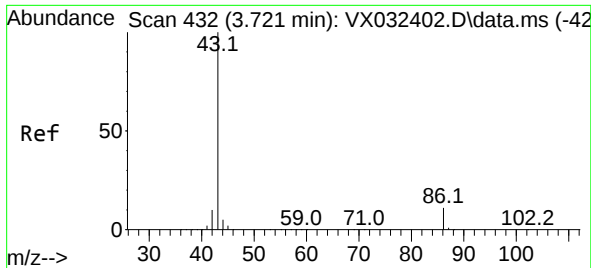


#22
Diisopropyl ether
Concen: 52.163 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13



Tgt Ion: 45 Resp: 222313
Ion Ratio Lower Upper
45 100
43 74.4 56.4 84.6
87 29.3 24.4 36.6
59 11.2 9.5 14.3





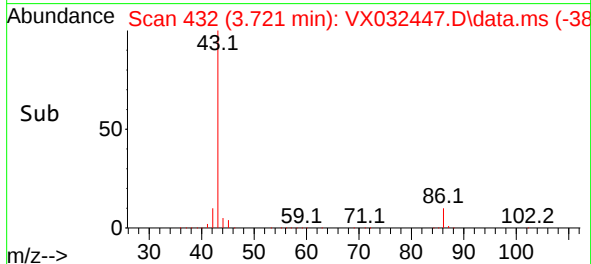
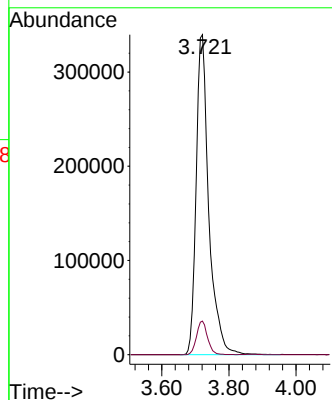
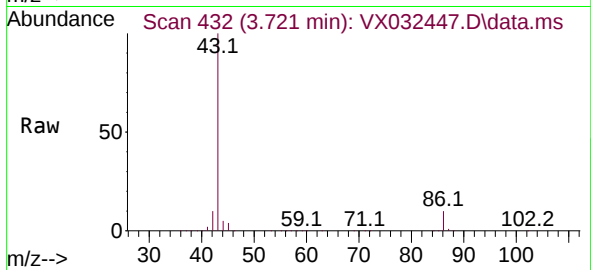
#23
 Vinyl Acetate
 Concen: 258.195 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX032447.D
 Acq: 28 Oct 2022 10:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 88903
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.6 12.8

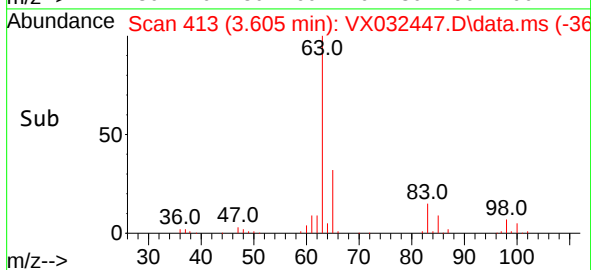
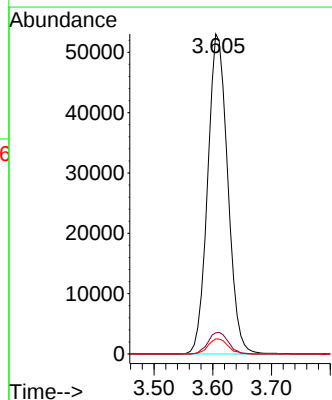
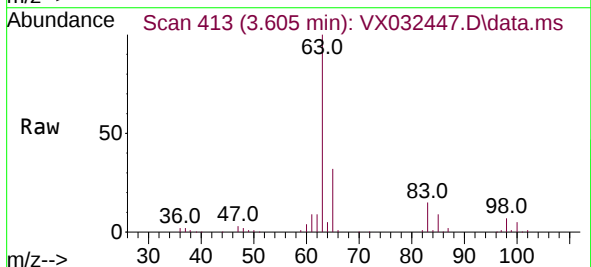
Manual Integrations
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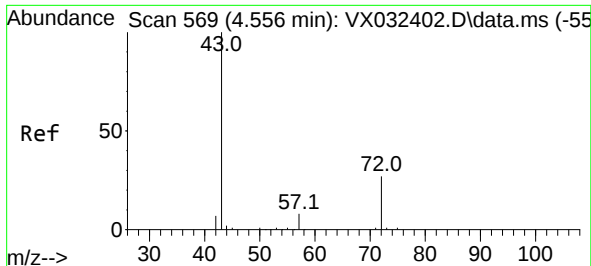
Reviewed By :John Carlone 10/31/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#24
 1,1-Dichloroethane
 Concen: 51.190 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX032447.D
 Acq: 28 Oct 2022 10:13

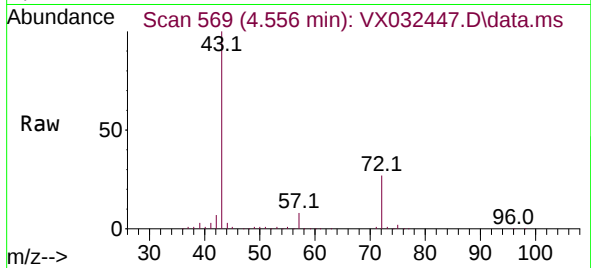
Tgt Ion: 63 Resp: 125489
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.4
 100 4.7 2.3 6.8





#25
2-Butanone
Concen: 225.137 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

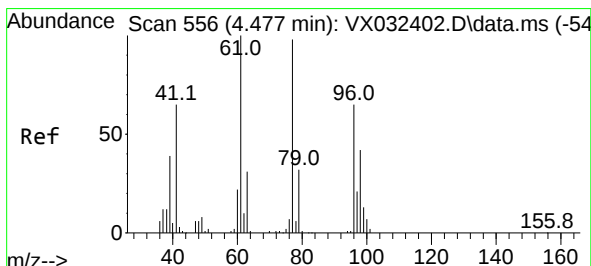
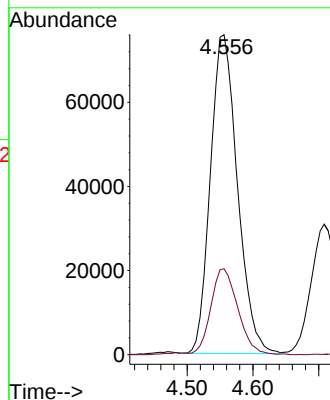
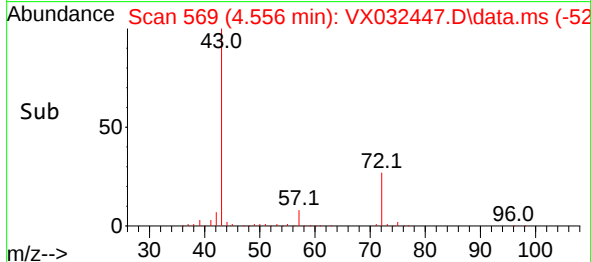
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 217100
Ion Ratio Lower Upper
43 100
72 26.8 22.2 33.2

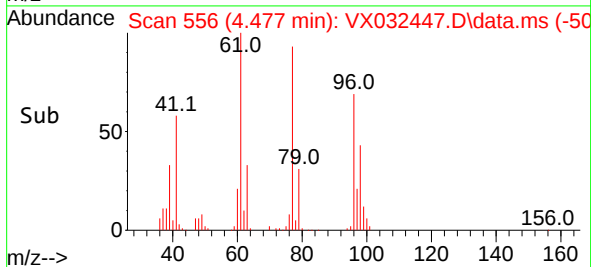
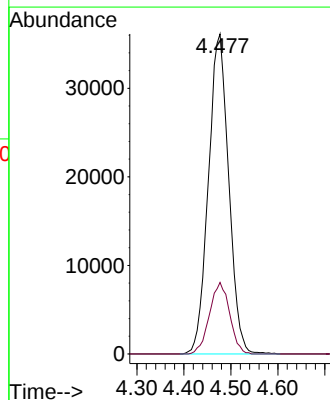
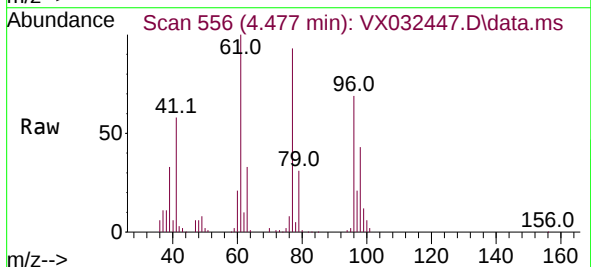
Manual Integrations
APPROVED

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



#26
2,2-Dichloropropane
Concen: 55.622 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

Tgt Ion: 77 Resp: 108389
Ion Ratio Lower Upper
77 100
97 22.2 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 52.441 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX032447.D

Acq: 28 Oct 2022 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 8155

Ion Ratio Lower Upper

96 100

61 146.6 0.0 286.0

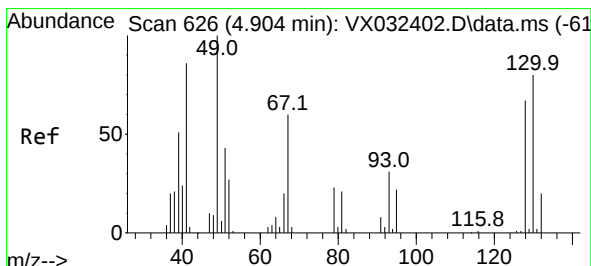
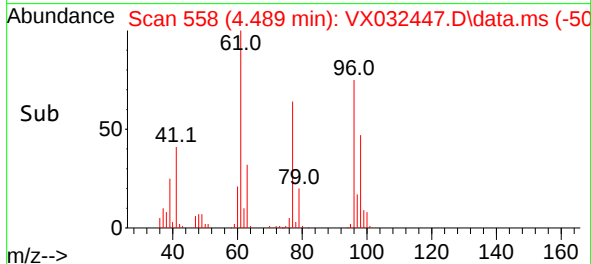
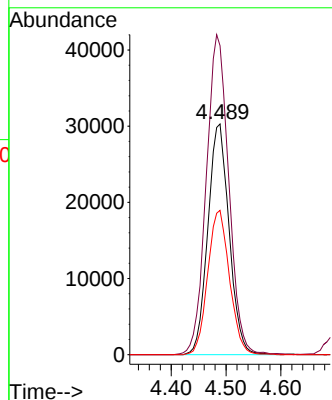
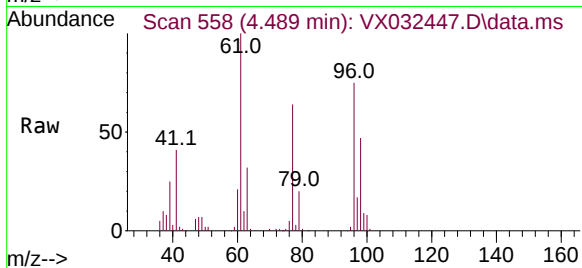
98 64.1 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#28

Bromochloromethane

Concen: 45.352 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX032447.D

Acq: 28 Oct 2022 10:13

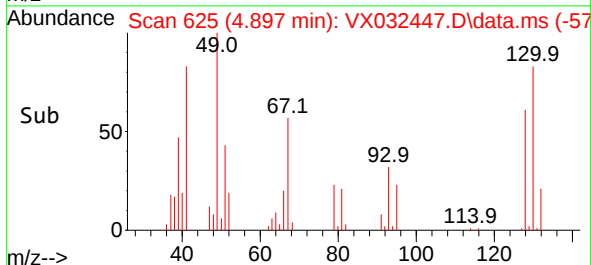
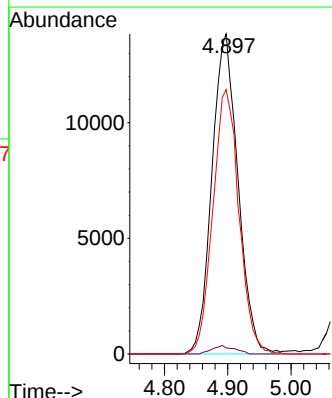
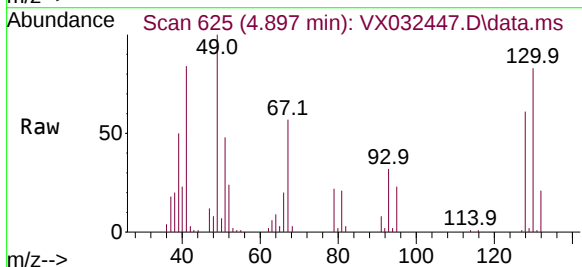
Tgt Ion: 49 Resp: 39601

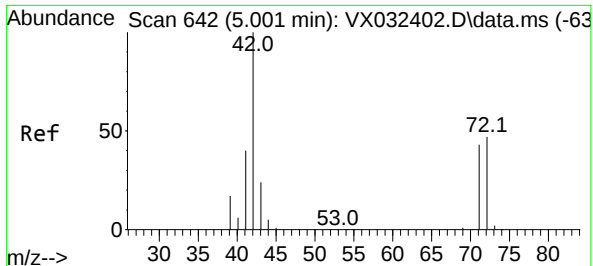
Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.8

130 82.6 67.5 101.3





#29

Tetrahydrofuran

Concen: 225.776 ug/l

RT: 5.001 min Scan# 64

Delta R.T. 0.000 min

Lab File: VX032447.D

Acq: 28 Oct 2022 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 13883

Ion Ratio Lower Upper

42 100

72 46.8 37.6 56.4

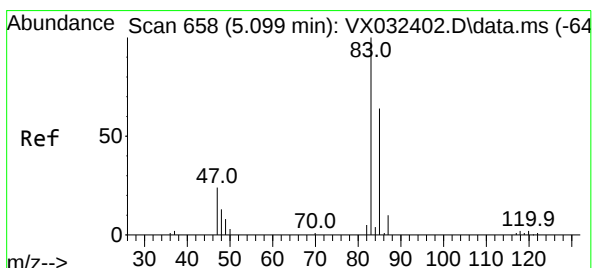
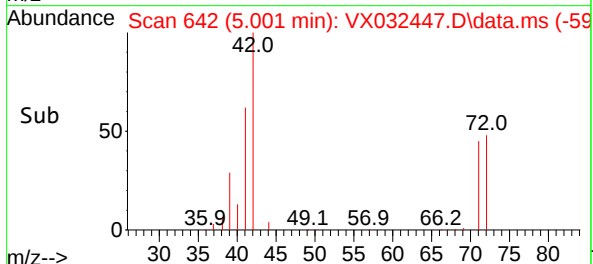
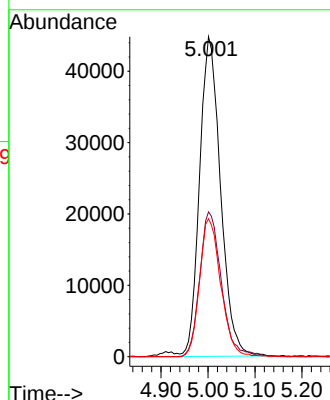
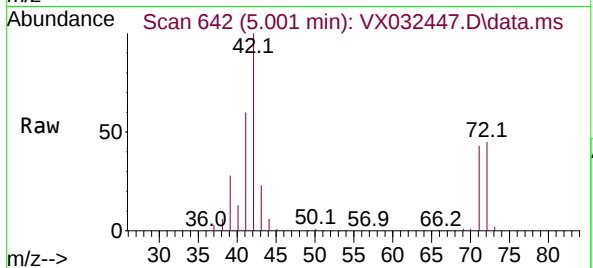
71 43.5 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#30

Chloroform

Concen: 51.676 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX032447.D

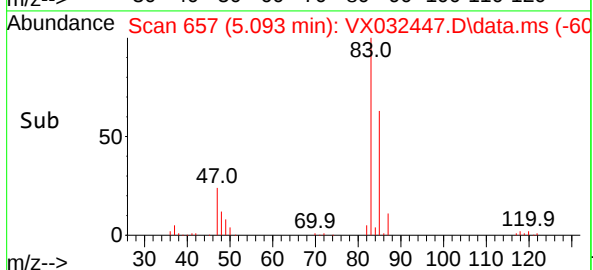
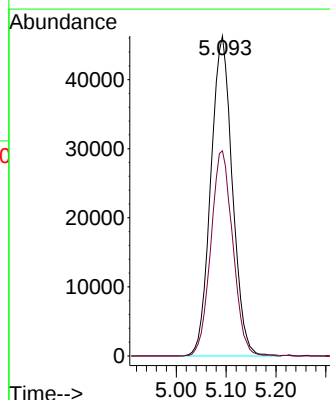
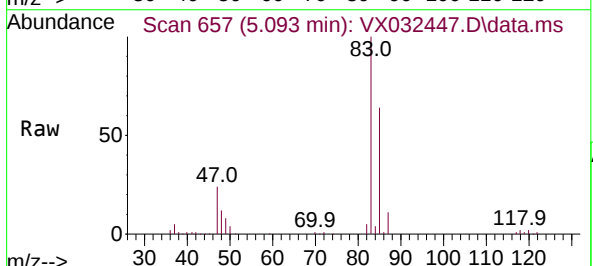
Acq: 28 Oct 2022 10:13

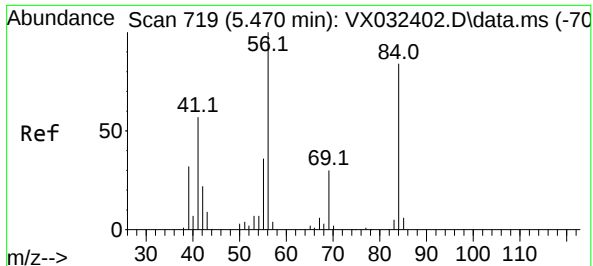
Tgt Ion: 83 Resp: 139005

Ion Ratio Lower Upper

83 100

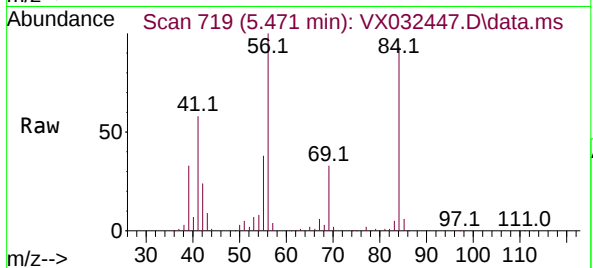
85 64.1 51.1 76.7





#31
Cyclohexane
Concen: 54.271 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

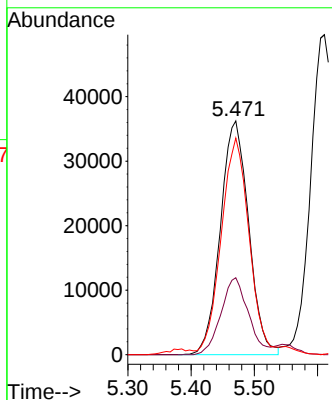
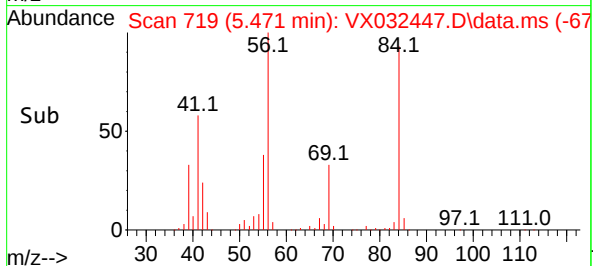
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



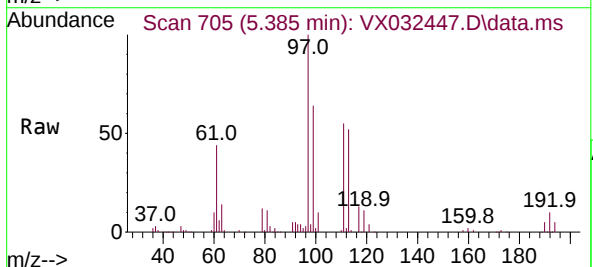
Tgt Ion: 56 Resp: 11269
Ion Ratio Lower Upper
56 100
69 32.9 24.1 36.1
84 90.5 66.9 100.3

Manual Integrations
APPROVED

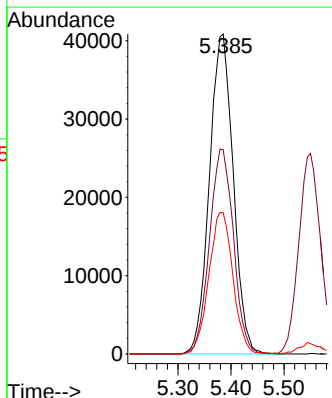
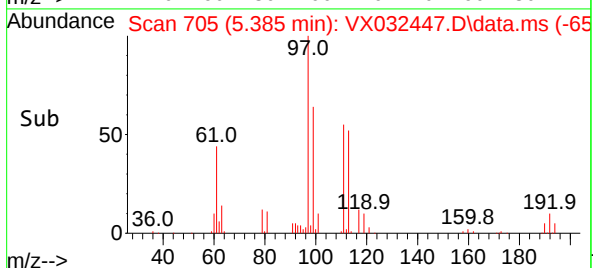
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

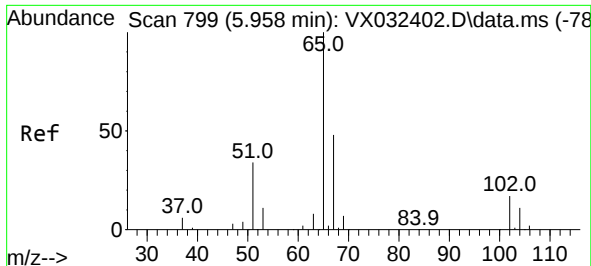


#32
1,1,1-Trichloroethane
Concen: 52.673 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13



Tgt Ion: 97 Resp: 127145
Ion Ratio Lower Upper
97 100
99 64.7 51.4 77.0
61 44.9 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 46.648 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX032447.D

Acq: 28 Oct 2022 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 7988

Ion Ratio Lower Upper

65 100

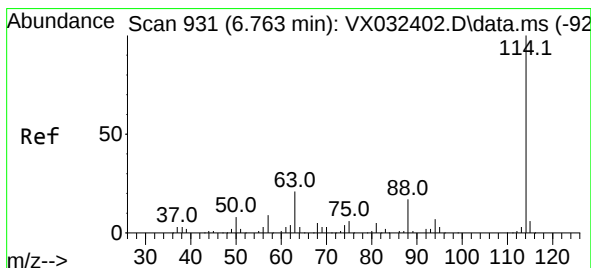
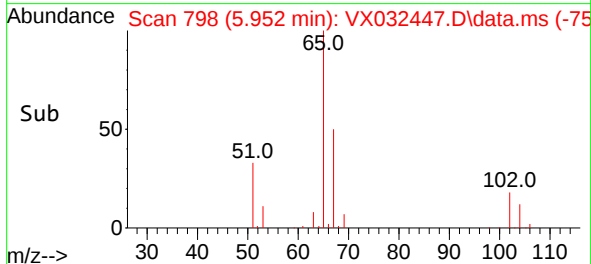
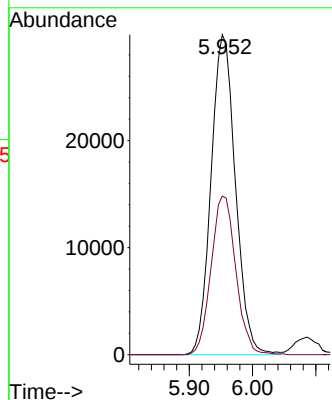
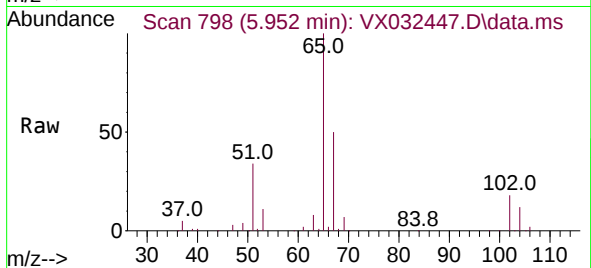
67 50.3 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

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: VX032447.D

Acq: 28 Oct 2022 10:13

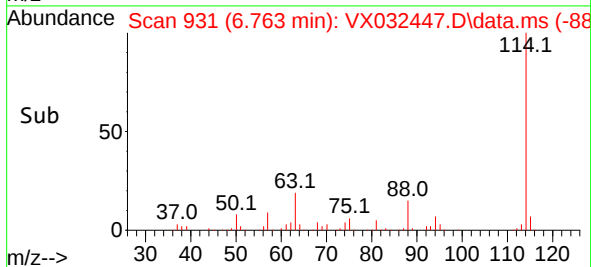
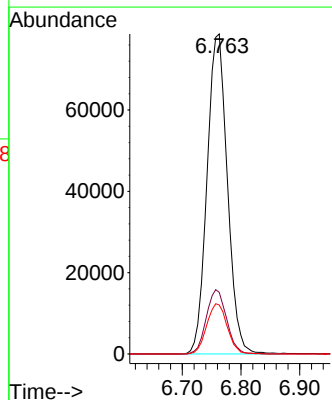
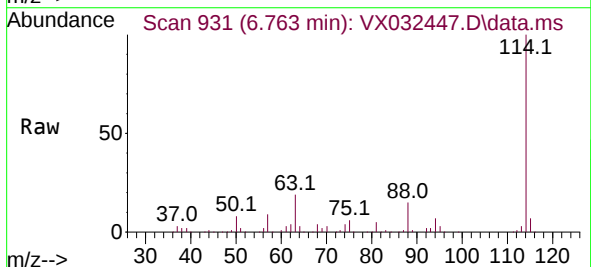
Tgt Ion:114 Resp: 189399

Ion Ratio Lower Upper

114 100

63 19.3 0.0 41.6

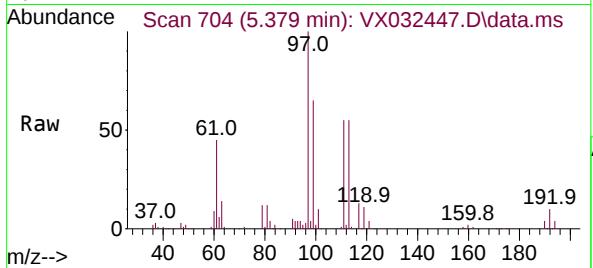
88 15.3 0.0 33.4





#35
Dibromofluoromethane
Concen: 47.510 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

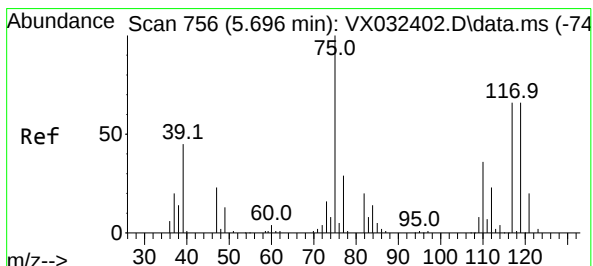
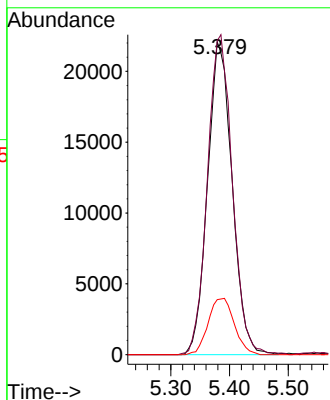
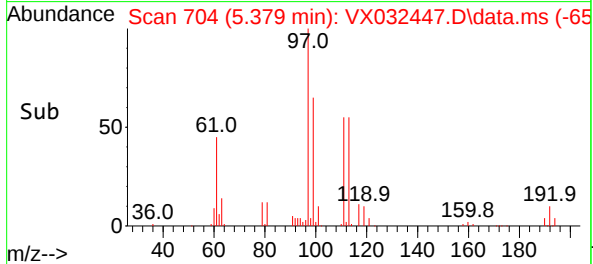
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 64180
Ion Ratio Lower Upper
113 100
111 103.6 82.4 123.6
192 19.1 15.4 23.2

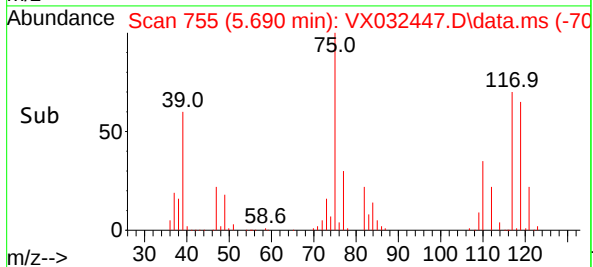
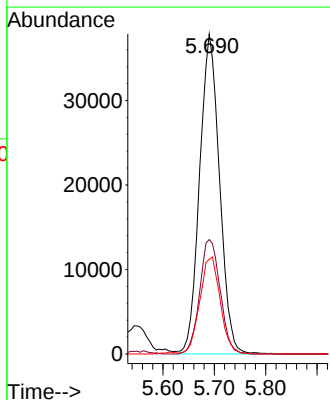
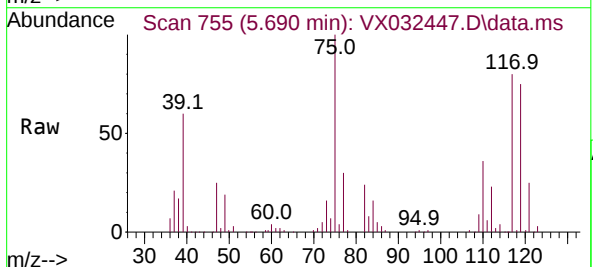
Manual Integrations
APPROVED

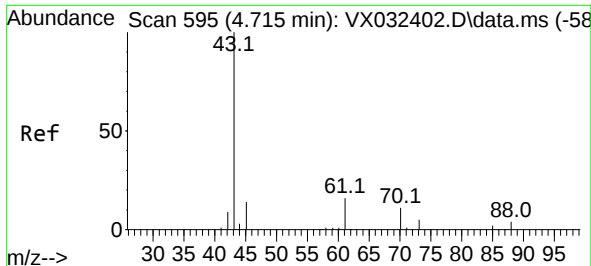
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#36
1,1-Dichloropropene
Concen: 54.175 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

Tgt Ion: 75 Resp: 101921
Ion Ratio Lower Upper
75 100
110 36.8 18.4 55.2
77 31.0 24.5 36.7





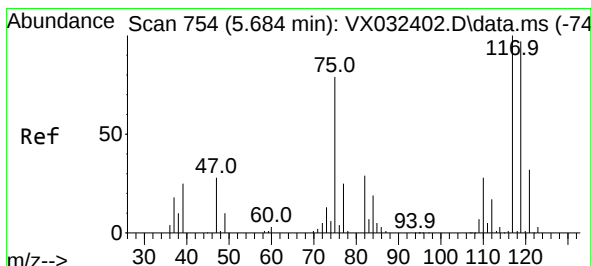
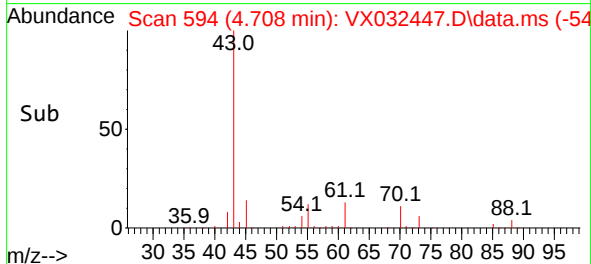
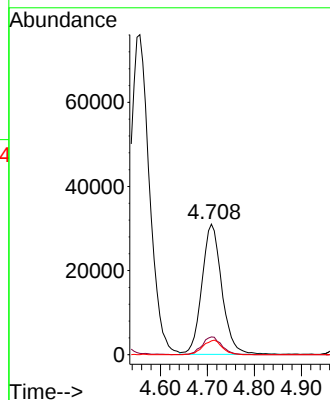
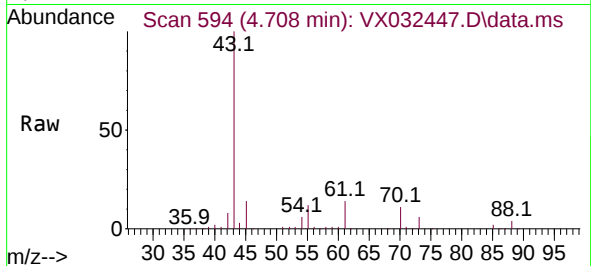
#37
Ethyl Acetate
Concen: 46.573 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 9120
Ion Ratio Lower Upper
43 100
61 13.6 11.5 17.3
70 10.7 9.1 13.7

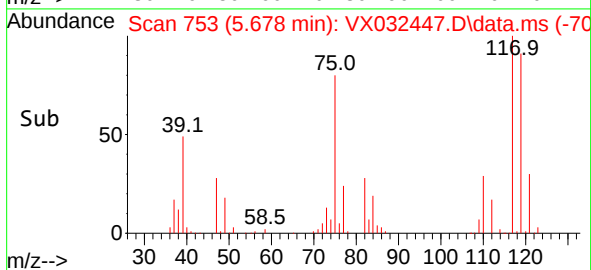
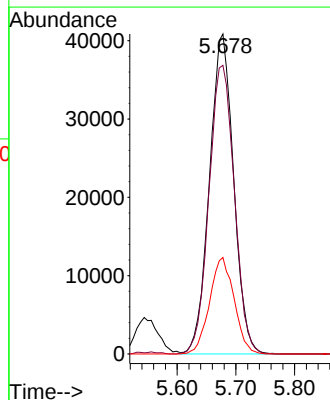
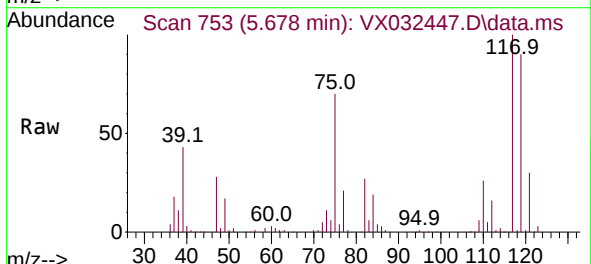
Manual Integrations
APPROVED

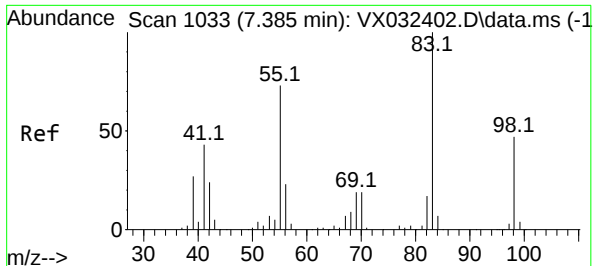
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#38
Carbon Tetrachloride
Concen: 55.994 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

Tgt Ion:117 Resp: 116841
Ion Ratio Lower Upper
117 100
119 90.2 77.2 115.8
121 30.2 25.8 38.6





#39

Methylcyclohexane

Concen: 56.920 ug/l

RT: 7.379 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX032447.D

Acq: 28 Oct 2022 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 126699

Ion Ratio Lower Upper

83 100

55 77.4 58.4 87.6

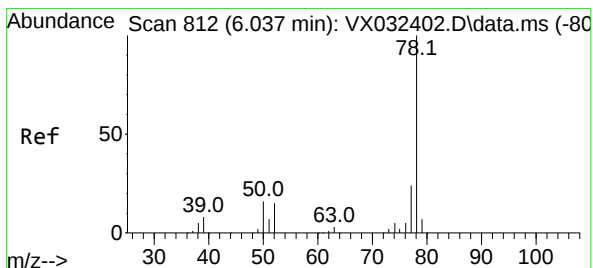
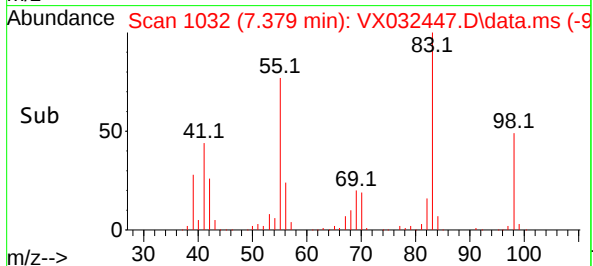
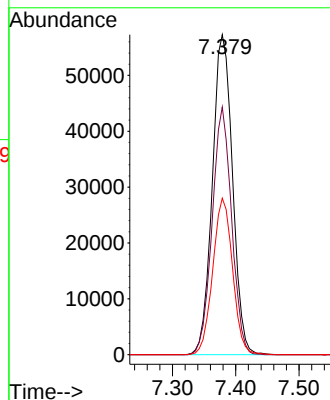
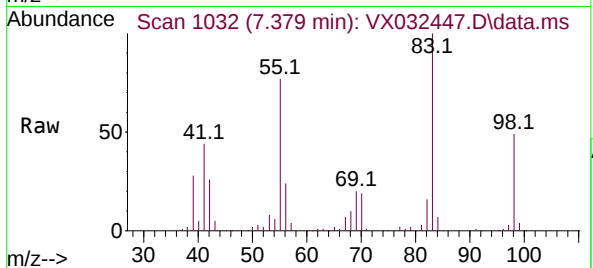
98 48.9 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#40

Benzene

Concen: 52.980 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX032447.D

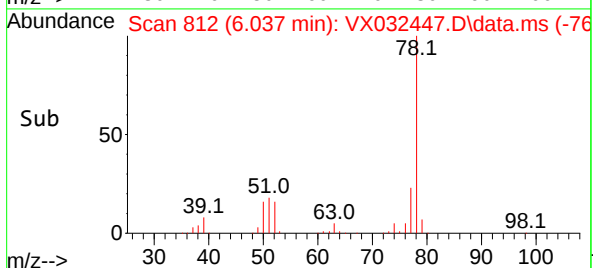
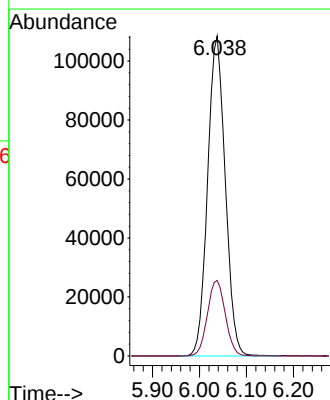
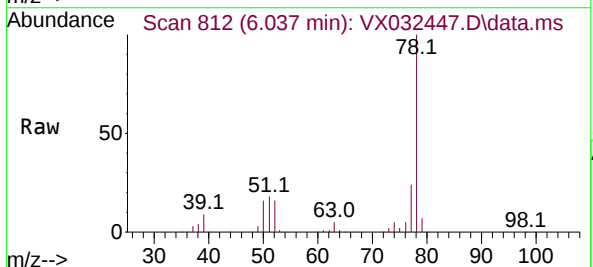
Acq: 28 Oct 2022 10:13

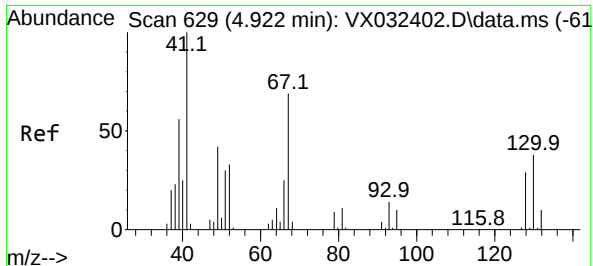
Tgt Ion: 78 Resp: 282057

Ion Ratio Lower Upper

78 100

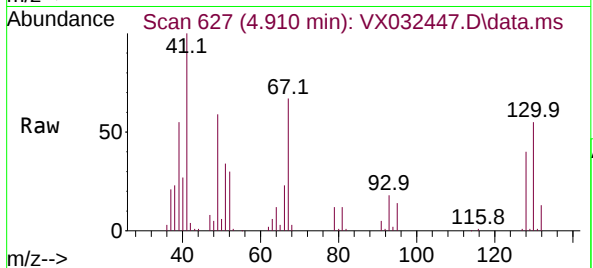
77 23.6 19.0 28.4





#41
Methacrylonitrile
Concen: 51.751 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

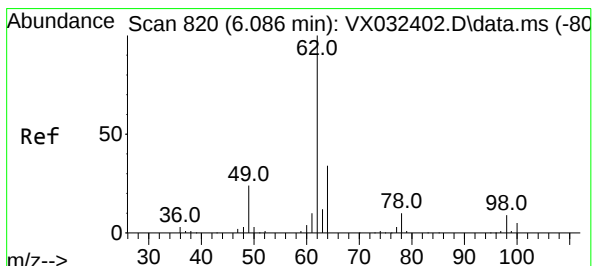
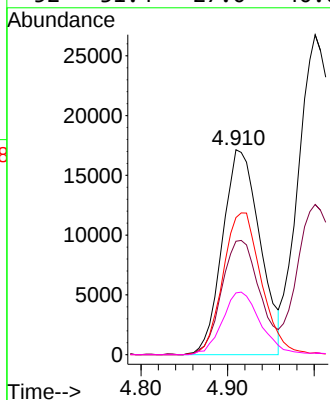
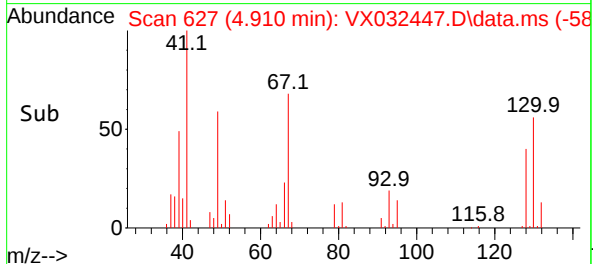
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 5162
Ion Ratio Lower Upper
41 100
39 56.8 47.5 71.3
67 71.0 60.5 90.7
52 31.4 27.0 40.6

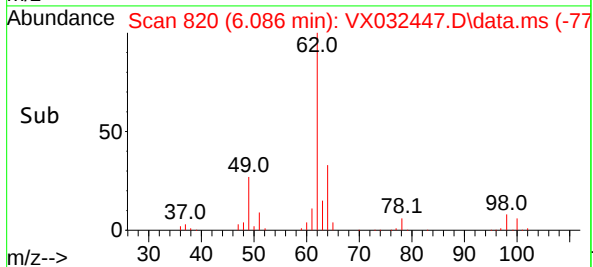
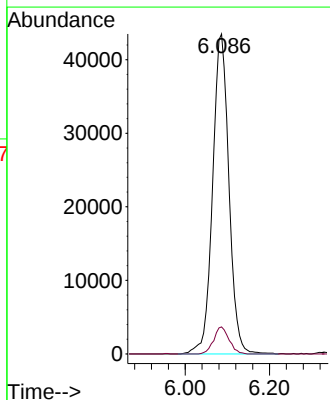
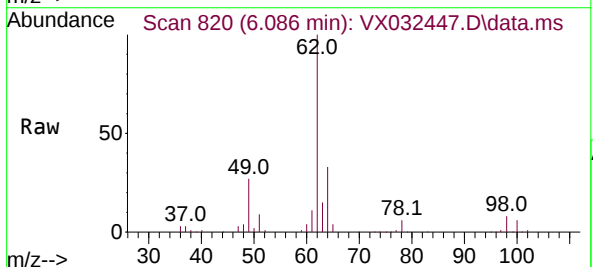
Manual Integrations
APPROVED

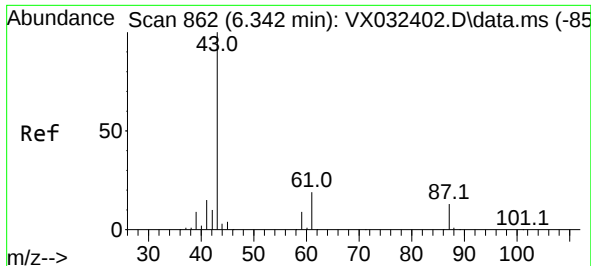
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#42
1,2-Dichloroethane
Concen: 53.610 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

Tgt Ion: 62 Resp: 116671
Ion Ratio Lower Upper
62 100
98 7.9 0.0 16.0





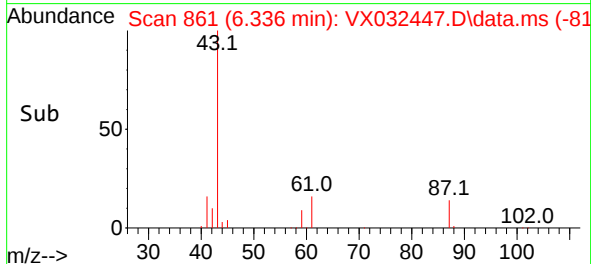
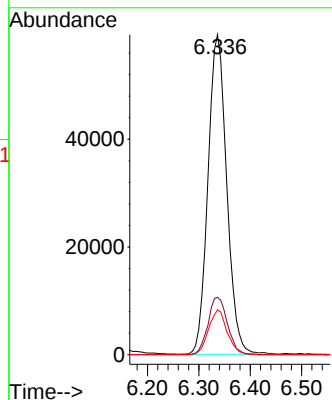
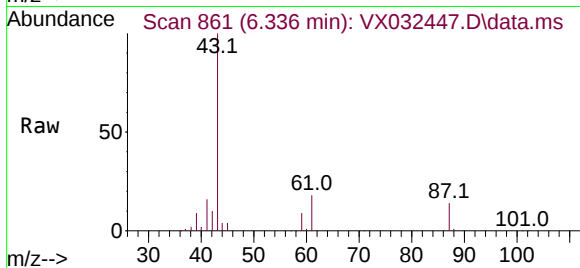
#43
Isopropyl Acetate
Concen: 50.012 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 150370
Ion Ratio Lower Upper
43 100
61 18.6 15.4 23.0
87 13.9 10.8 16.2

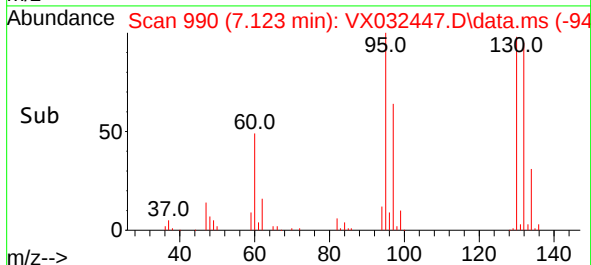
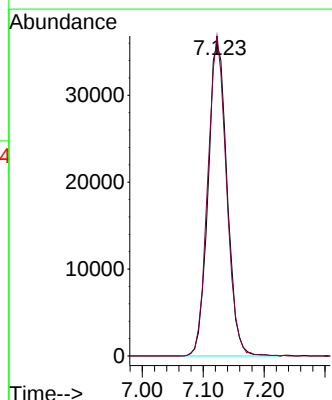
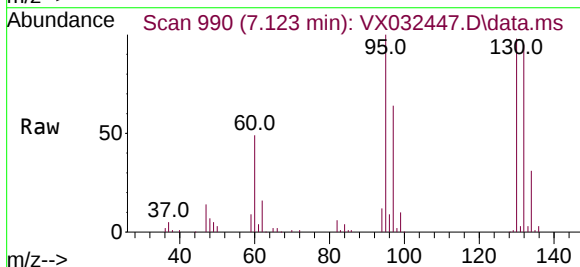
Manual Integrations
APPROVED

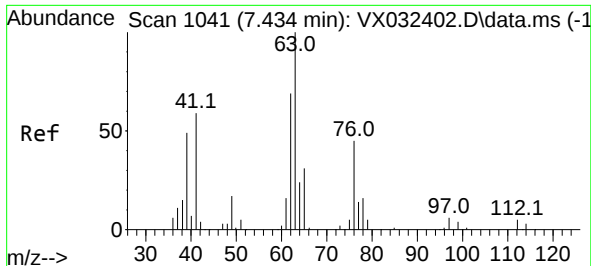
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#44
Trichloroethene
Concen: 52.405 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

Tgt Ion:130 Resp: 78540
Ion Ratio Lower Upper
130 100
95 102.4 0.0 195.2





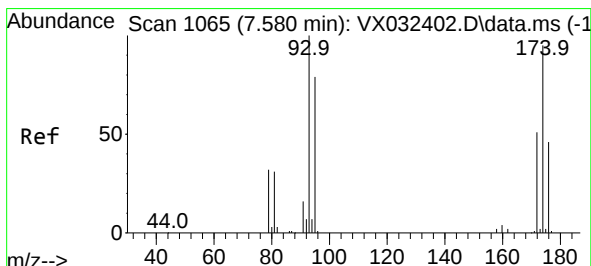
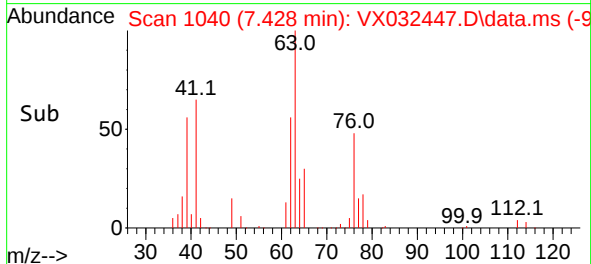
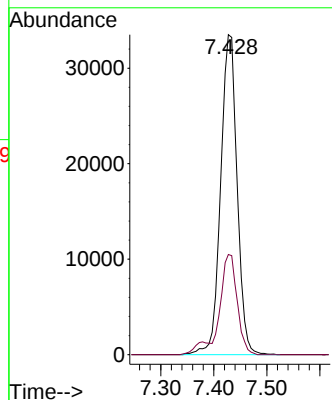
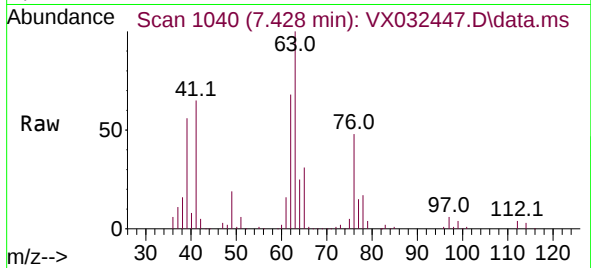
#45
1,2-Dichloropropane
Concen: 52.904 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 72300
Ion Ratio Lower Upper
63 100
65 31.3 24.6 36.8

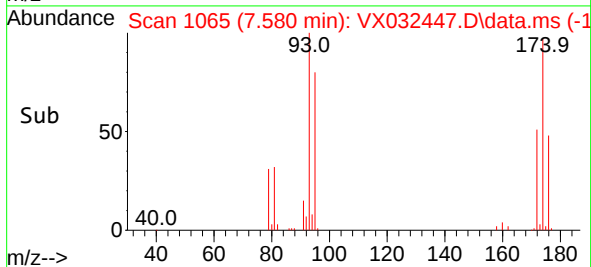
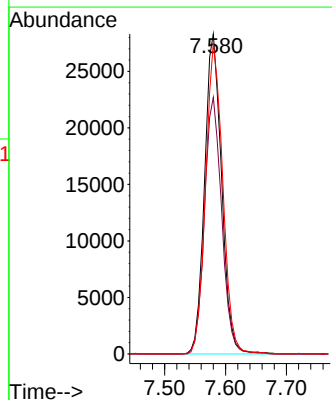
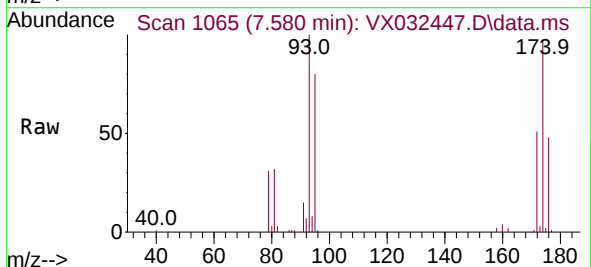
Manual Integrations
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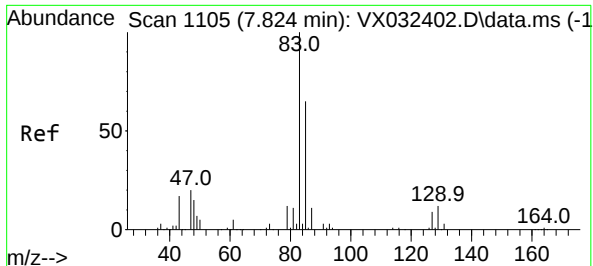
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#46
Dibromomethane
Concen: 52.265 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

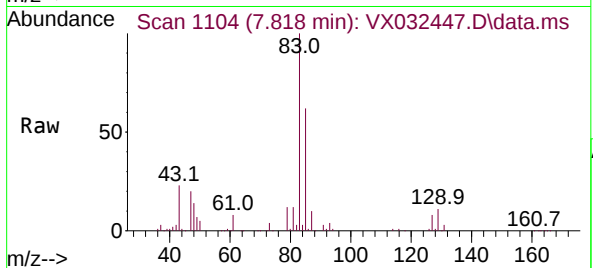
Tgt Ion: 93 Resp: 54779
Ion Ratio Lower Upper
93 100
95 81.5 65.8 98.8
174 98.1 79.8 119.6





#47
Bromodichloromethane
Concen: 55.456 ug/l
RT: 7.818 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

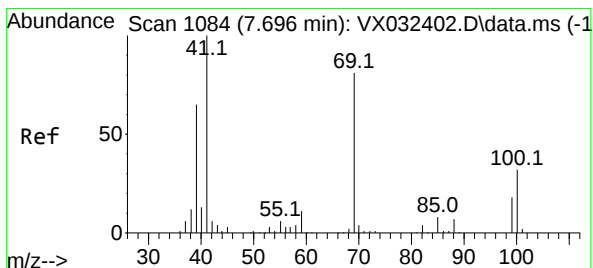
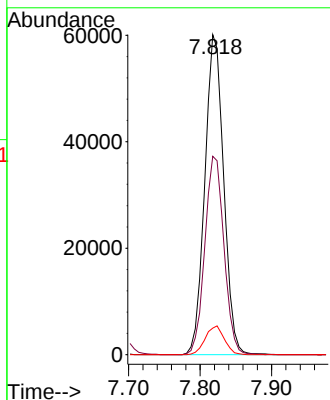
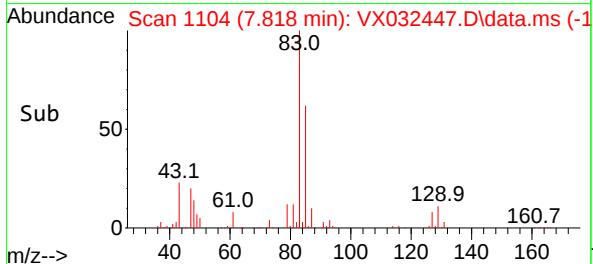
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 110158
Ion Ratio Lower Upper
83 100
85 62.0 52.2 78.4
127 8.3 7.4 11.2

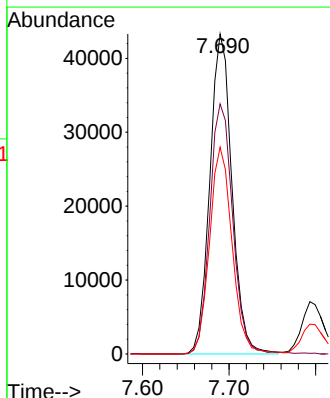
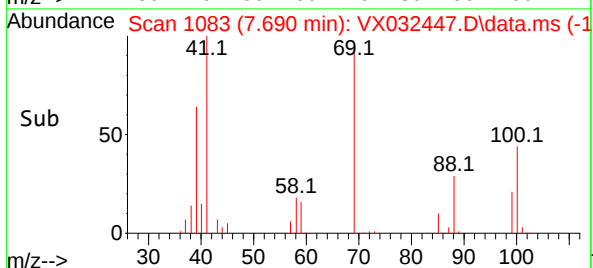
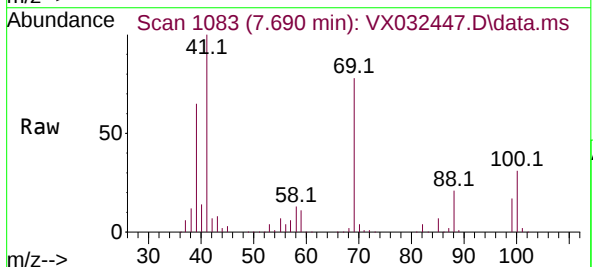
Manual Integrations
APPROVED

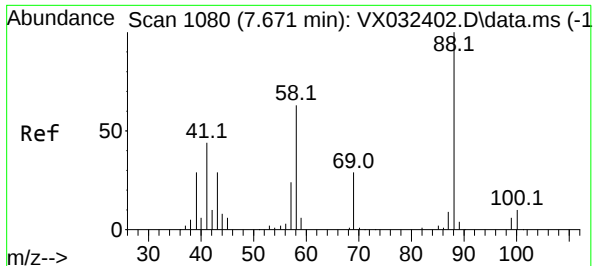
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#48
Methyl methacrylate
Concen: 49.438 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

Tgt Ion: 41 Resp: 76772
Ion Ratio Lower Upper
41 100
69 81.4 65.1 97.7
39 65.9 51.9 77.9





#49

1,4-Dioxane

Concen: 869.868 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. 0.018 min

Lab File: VX032447.D

Acq: 28 Oct 2022 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 2574

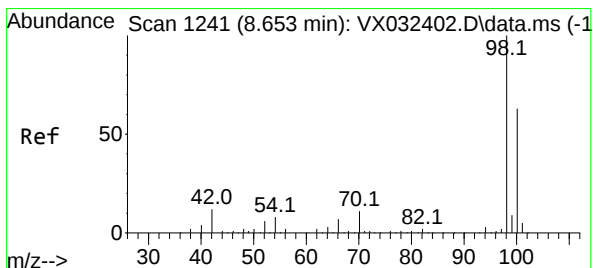
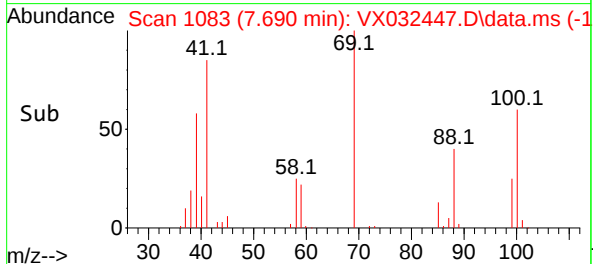
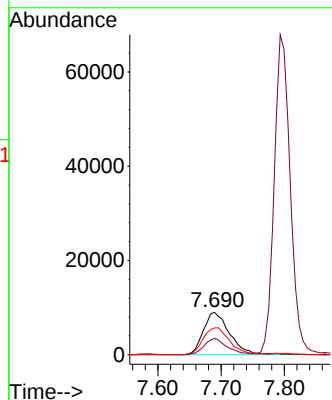
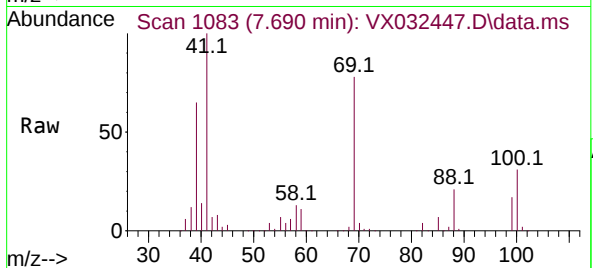
Ion	Ratio	Lower	Upper
88	100		
43	34.0	26.6	39.8
58	64.3	51.7	77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#50

Toluene-d8

Concen: 47.652 ug/l

RT: 8.647 min Scan# 1240

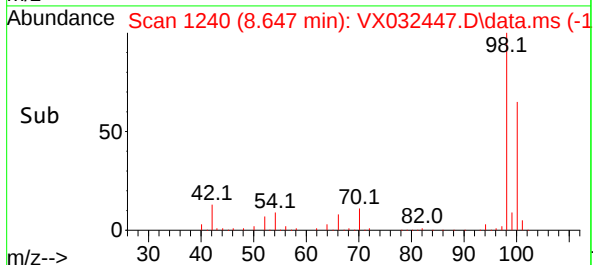
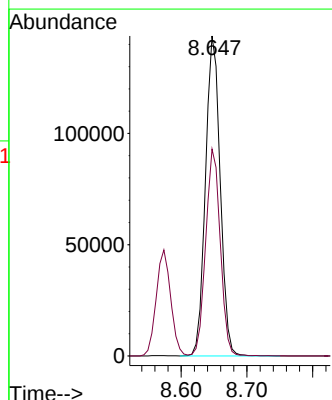
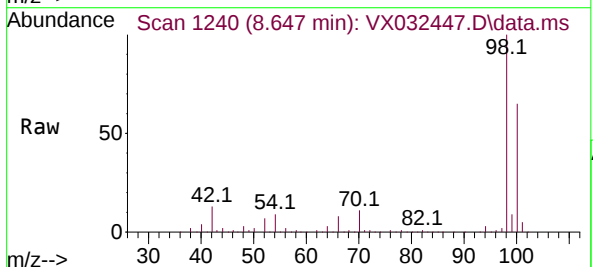
Delta R.T. -0.006 min

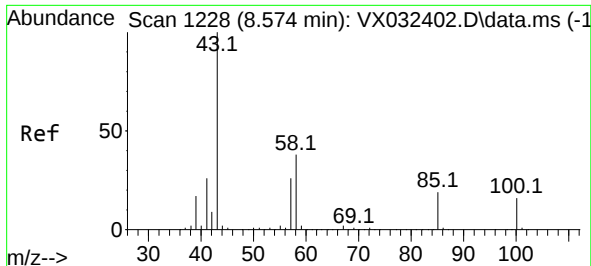
Lab File: VX032447.D

Acq: 28 Oct 2022 10:13

Tgt Ion: 98 Resp: 223856

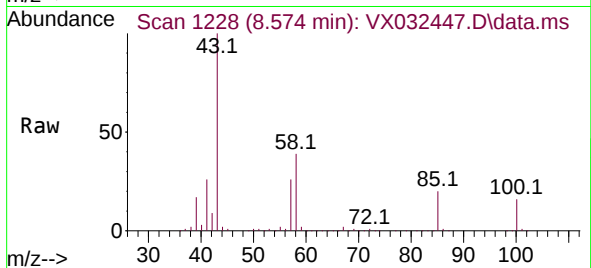
Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.9	76.3





#51
4-Methyl-2-Pentanone
Concen: 241.178 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

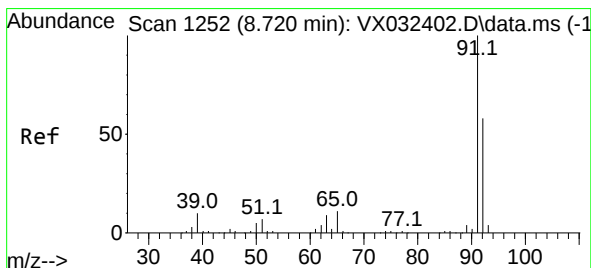
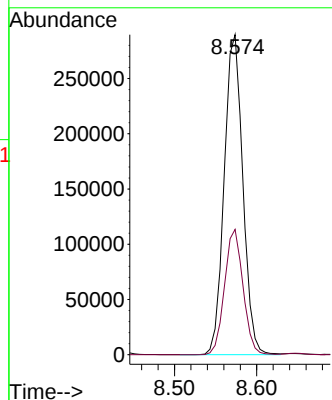
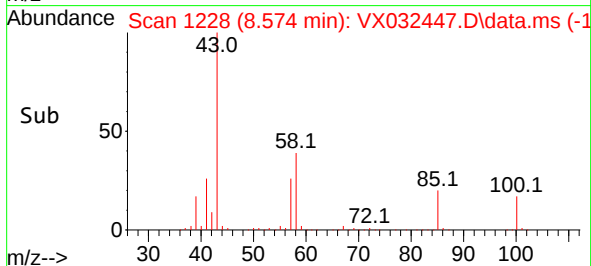
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 45676
Ion Ratio Lower Upper
43 100
58 38.8 30.9 46.3

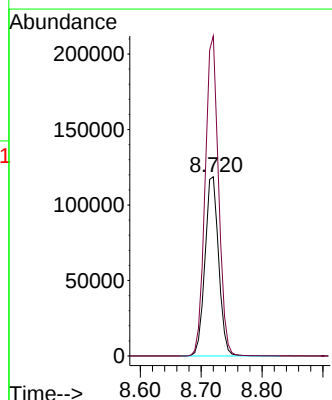
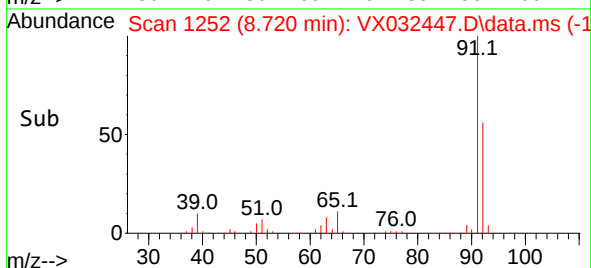
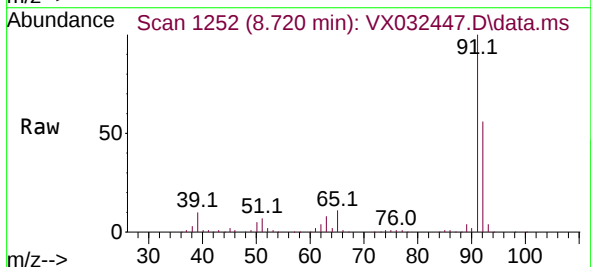
Manual Integrations
APPROVED

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



#52
Toluene
Concen: 53.322 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

Tgt Ion: 92 Resp: 185211
Ion Ratio Lower Upper
92 100
91 175.2 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 56.196 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VX032447.D

Acq: 28 Oct 2022 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 113890

Ion Ratio Lower Upper

75 100

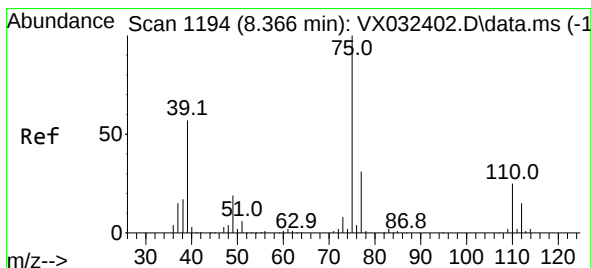
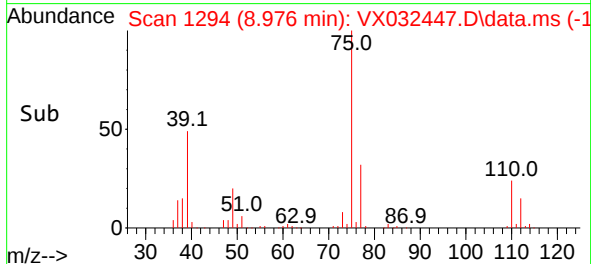
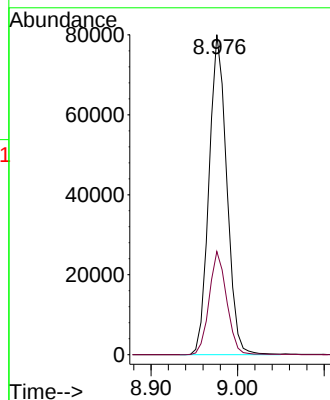
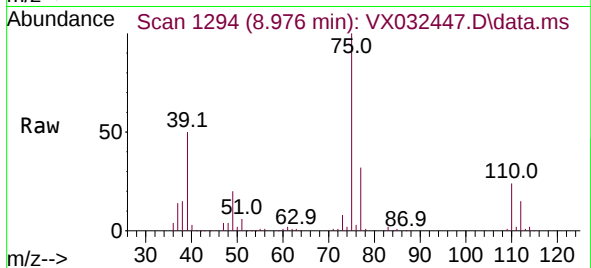
77 32.2 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#54

cis-1,3-Dichloropropene

Concen: 56.124 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX032447.D

Acq: 28 Oct 2022 10:13

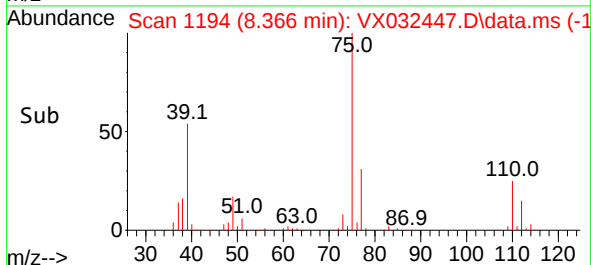
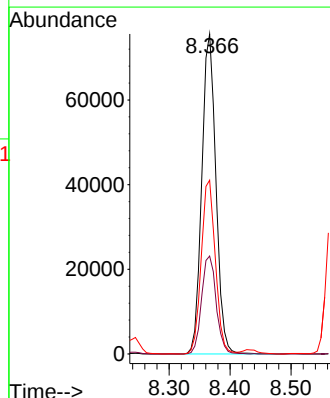
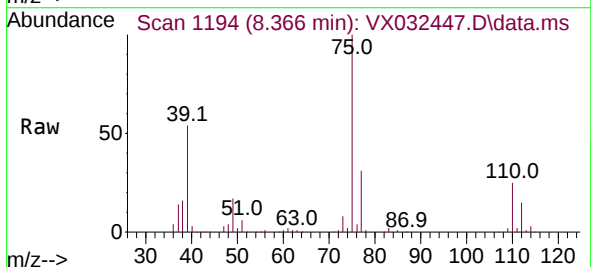
Tgt Ion: 75 Resp: 121665

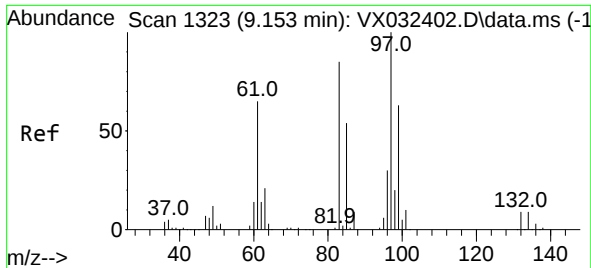
Ion Ratio Lower Upper

75 100

77 30.6 25.1 37.7

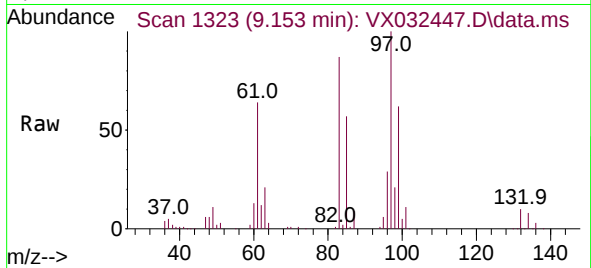
39 54.3 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 51.702 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

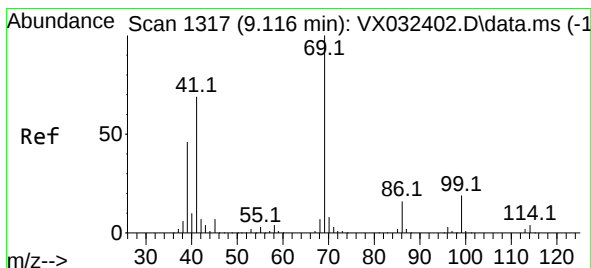
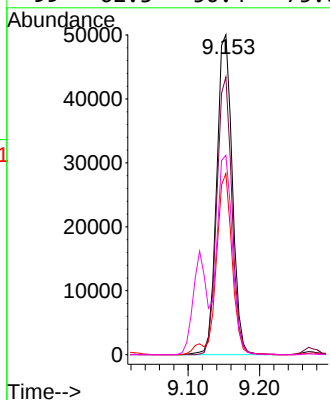
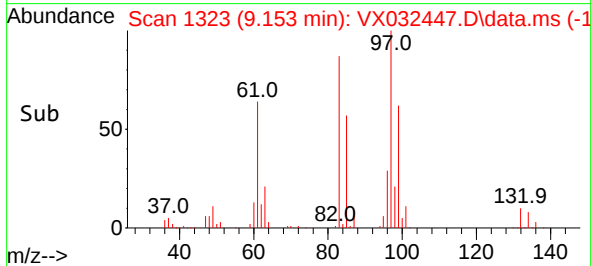
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



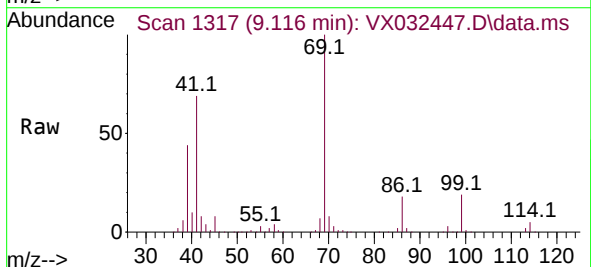
Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.8	68.1	102.1
85	56.6	43.3	64.9
99	62.3	50.4	75.6

Manual Integrations
APPROVED

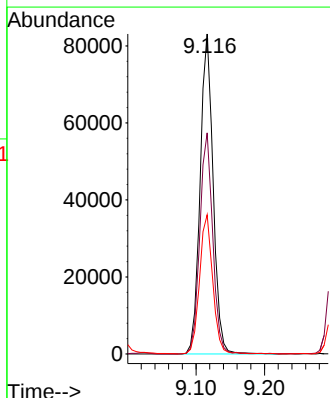
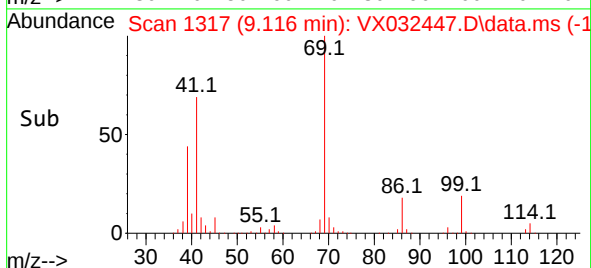
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

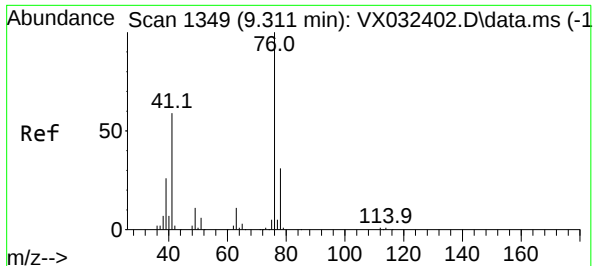


#56
Ethyl methacrylate
Concen: 52.118 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13



Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.9	54.3	81.5
39	44.3	35.2	52.8





#57

1,3-Dichloropropane

Concen: 52.040 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032447.D

Acq: 28 Oct 2022 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 12293

Ion Ratio Lower Upper

76 100

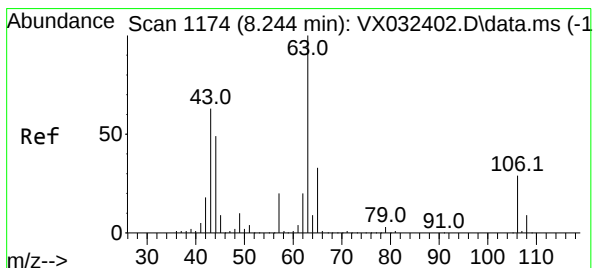
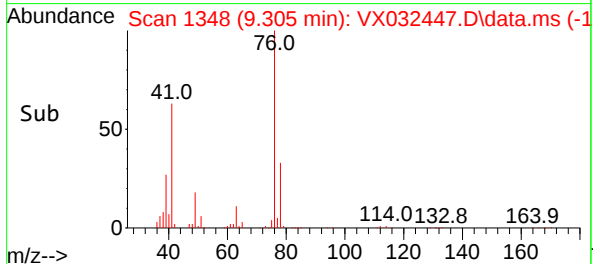
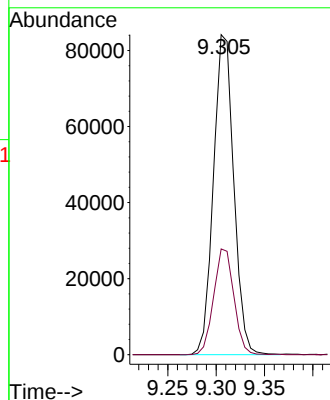
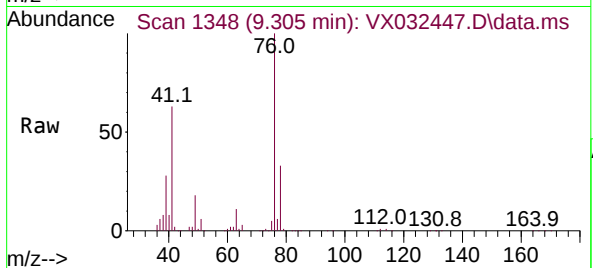
78 32.9 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#58

2-Chloroethyl Vinyl ether

Concen: 240.541 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX032447.D

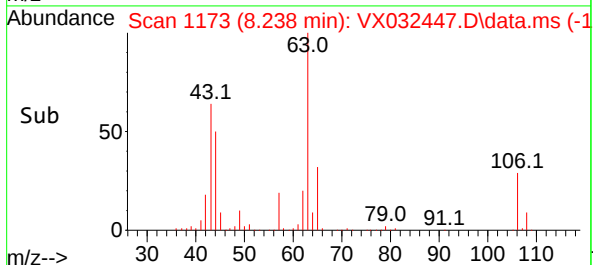
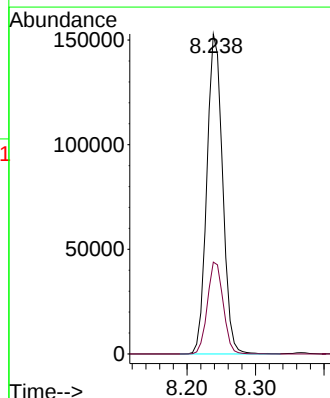
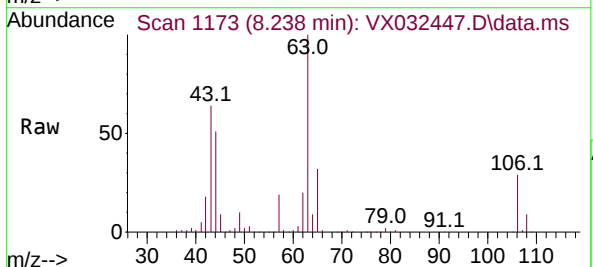
Acq: 28 Oct 2022 10:13

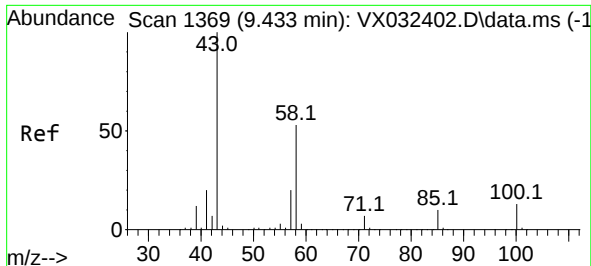
Tgt Ion: 63 Resp: 243818

Ion Ratio Lower Upper

63 100

106 28.8 23.3 34.9





#59

2-Hexanone

Concen: 247.513 ug/l

RT: 9.427 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032447.D

Acq: 28 Oct 2022 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 347829

Ion Ratio Lower Upper

43 100

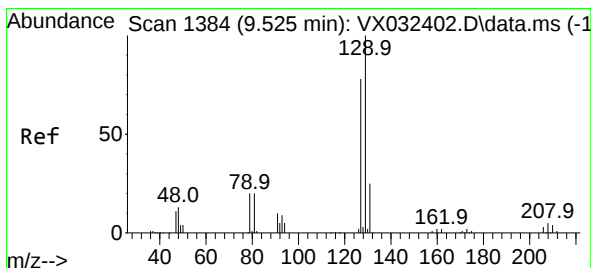
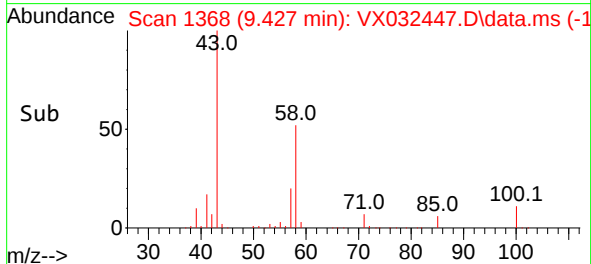
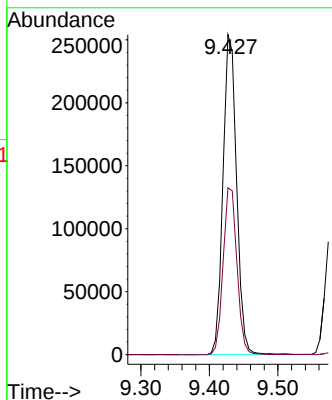
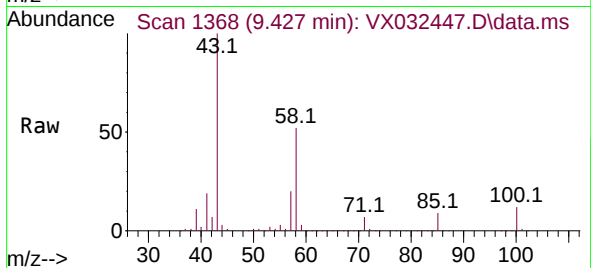
58 53.1 26.5 79.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#60

Dibromochloromethane

Concen: 53.788 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX032447.D

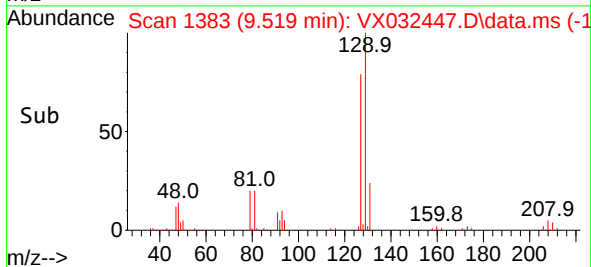
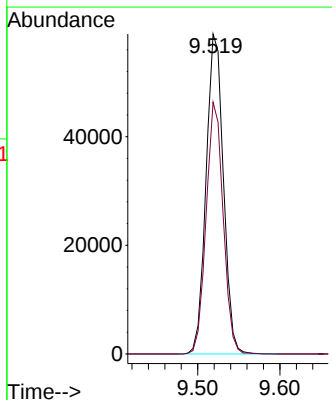
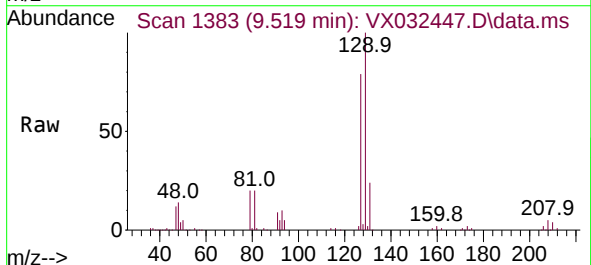
Acq: 28 Oct 2022 10:13

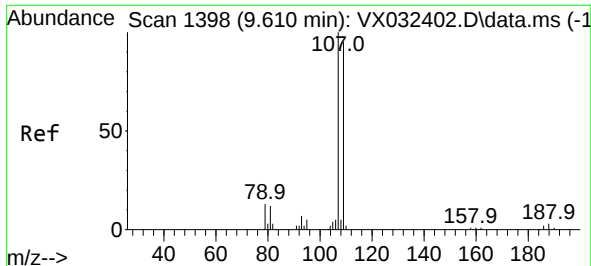
Tgt Ion:129 Resp: 85941

Ion Ratio Lower Upper

129 100

127 77.5 38.6 115.8





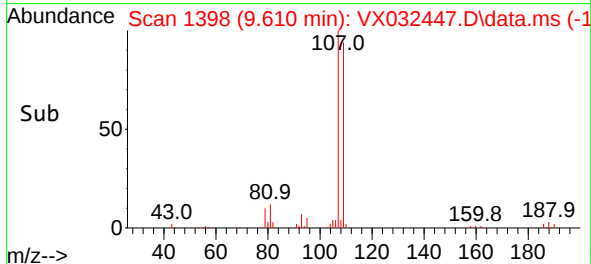
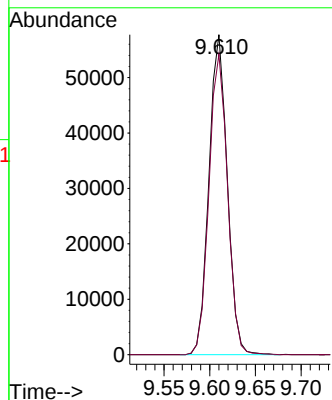
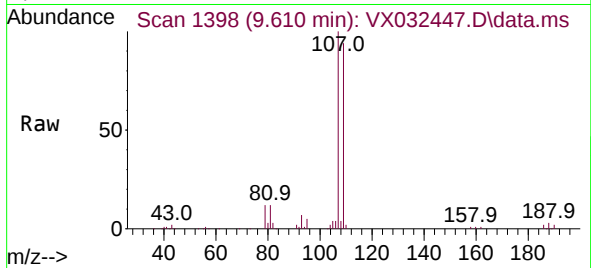
#61
1,2-Dibromoethane
Concen: 51.877 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 8040
Ion Ratio Lower Upper
107 100
109 95.2 76.0 114.0

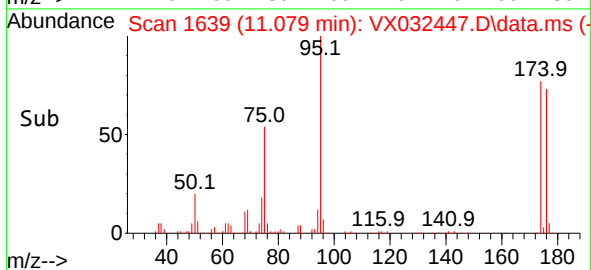
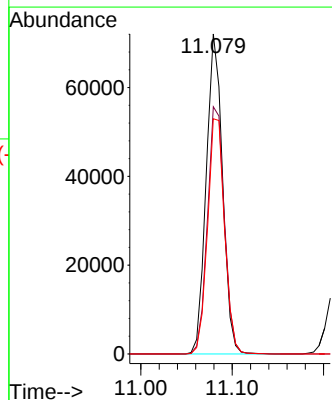
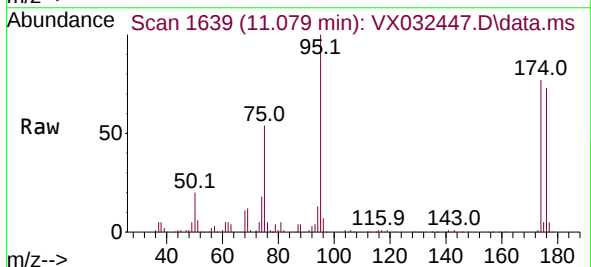
Manual Integrations
APPROVED

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



#62
4-Bromofluorobenzene
Concen: 48.510 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

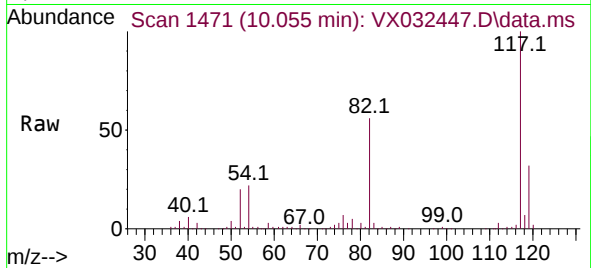
Tgt Ion: 95 Resp: 89018
Ion Ratio Lower Upper
95 100
174 80.5 0.0 164.0
176 76.8 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

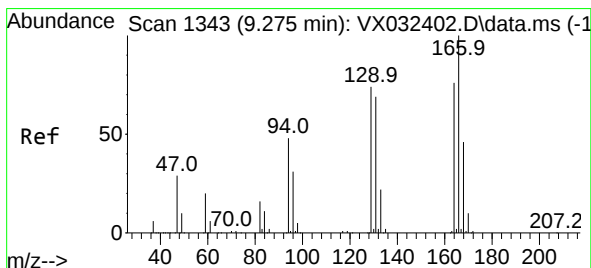
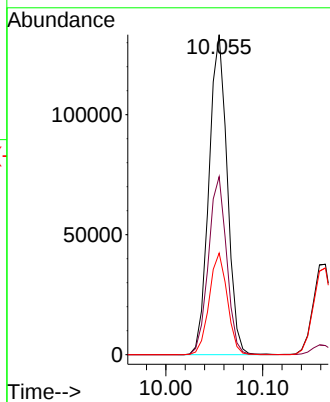
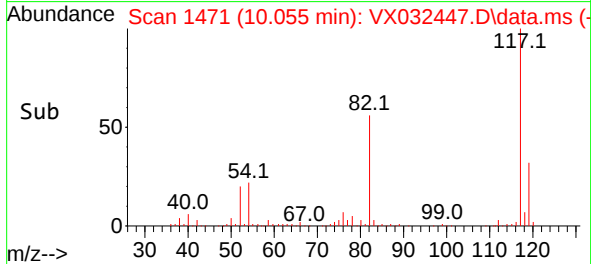
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 17486
Ion Ratio Lower Upper
117 100
82 55.7 44.3 66.5
119 31.7 25.7 38.5

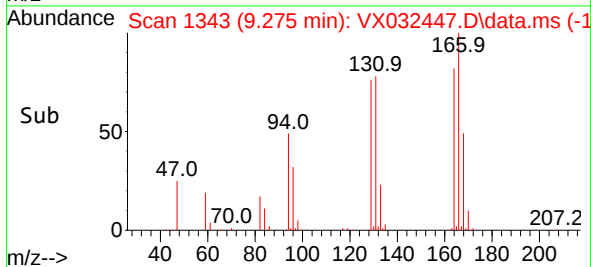
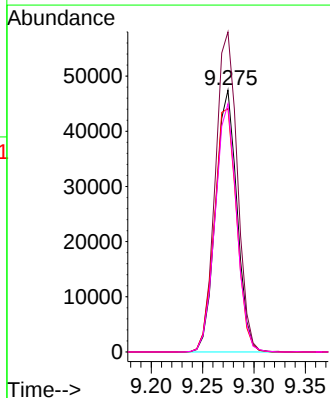
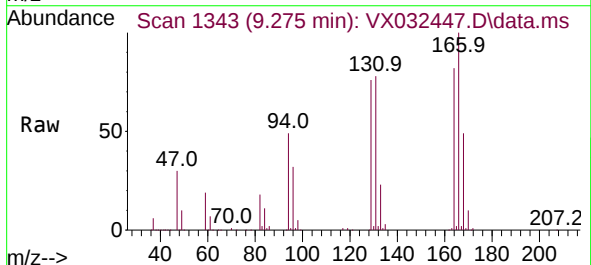
Manual Integrations
APPROVED

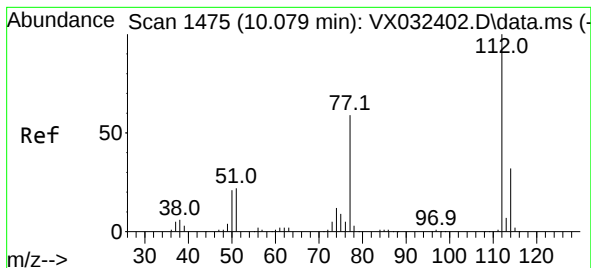
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#64
Tetrachloroethene
Concen: 53.419 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

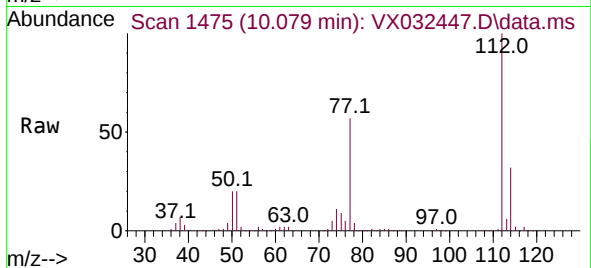
Tgt Ion:164 Resp: 68370
Ion Ratio Lower Upper
164 100
166 122.3 105.4 158.2
129 93.0 78.2 117.2
131 94.8 72.5 108.7





#65
Chlorobenzene
Concen: 51.564 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

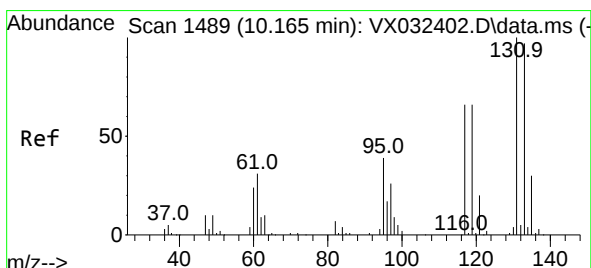
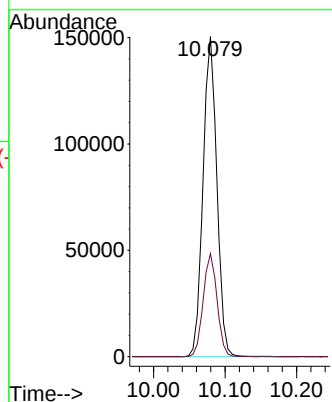
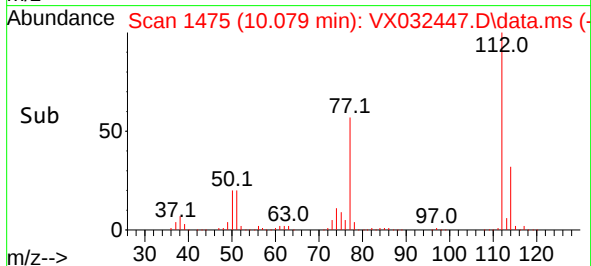
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



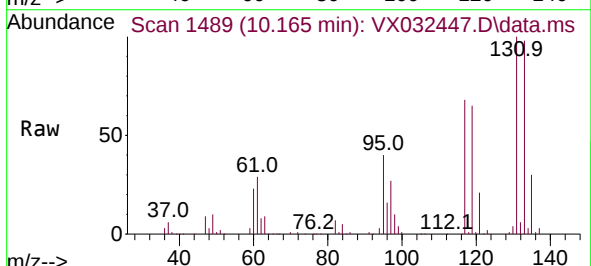
Tgt Ion:112 Resp: 201970
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.2

Manual Integrations
APPROVED

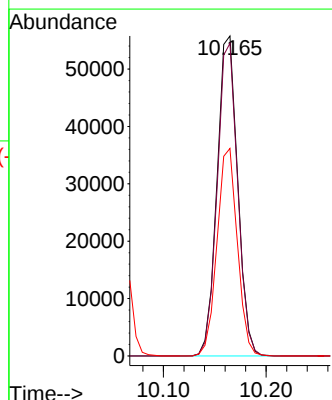
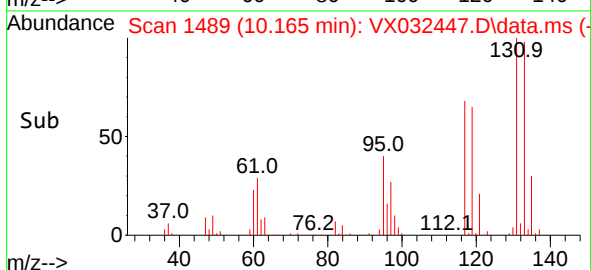
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

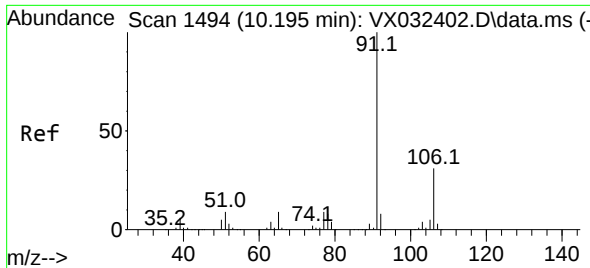


#66
1,1,1,2-Tetrachloroethane
Concen: 52.721 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13



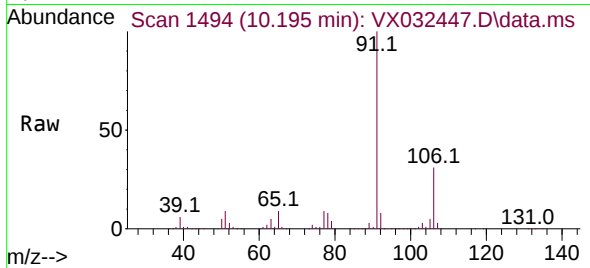
Tgt Ion:131 Resp: 77722
Ion Ratio Lower Upper
131 100
133 96.7 47.6 142.9
119 63.9 32.4 97.0





#67
Ethyl Benzene
Concen: 53.601 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

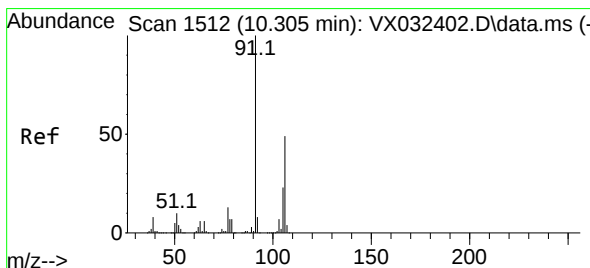
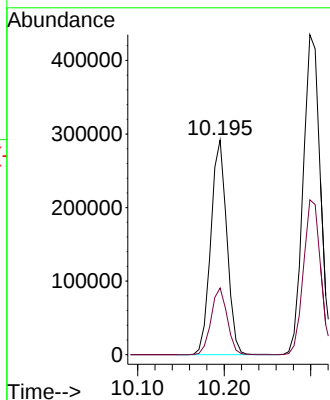
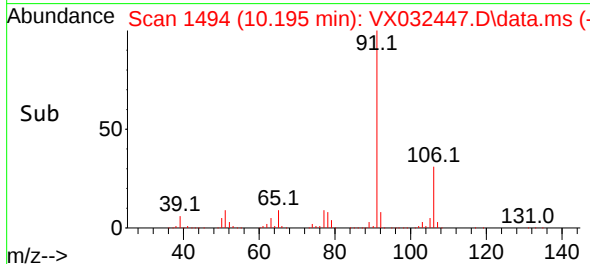
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



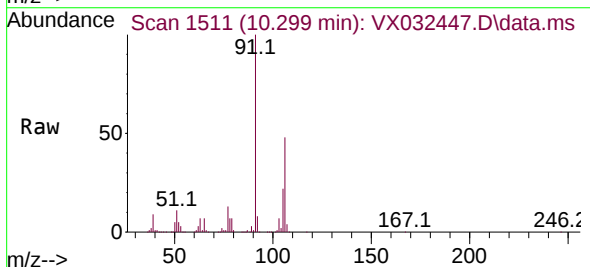
Tgt Ion: 91 Resp: 37545
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.6

Manual Integrations
APPROVED

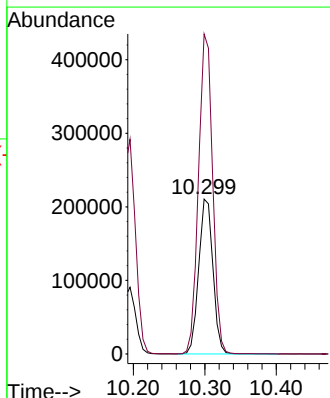
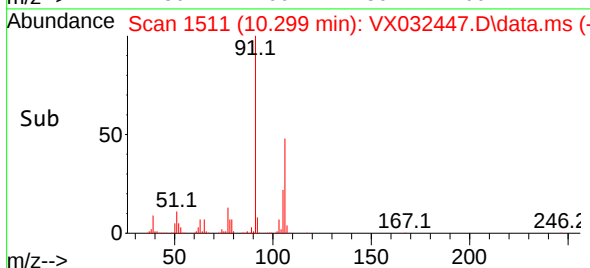
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

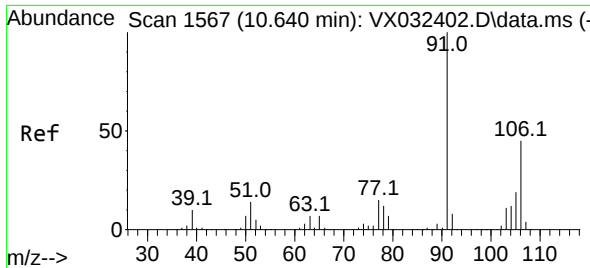


#68
m/p-Xylenes
Concen: 106.928 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13



Tgt Ion:106 Resp: 290835
Ion Ratio Lower Upper
106 100
91 205.3 164.5 246.7





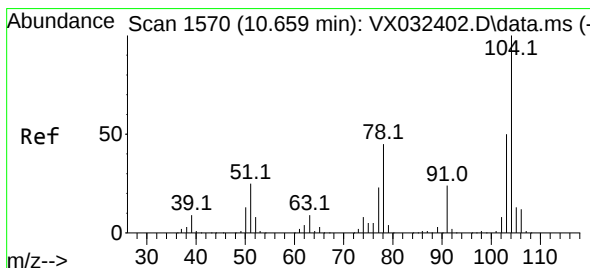
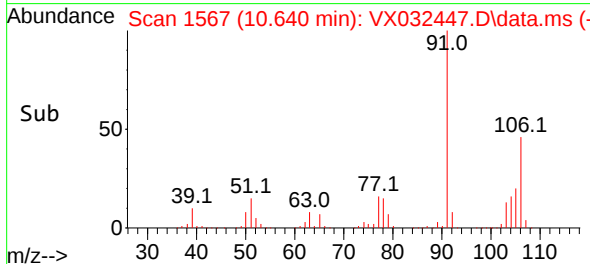
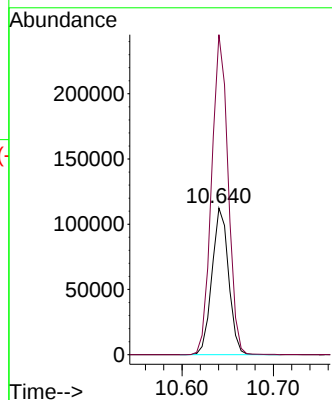
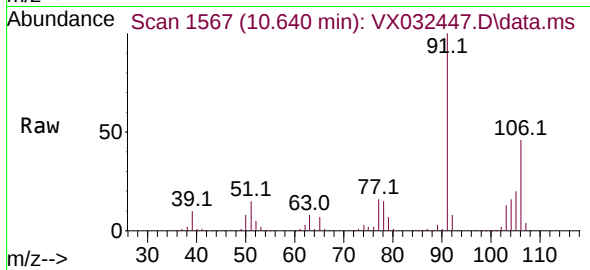
#69
o-Xylene
Concen: 53.634 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 141834
Ion Ratio Lower Upper
106 100
91 217.0 109.2 327.6

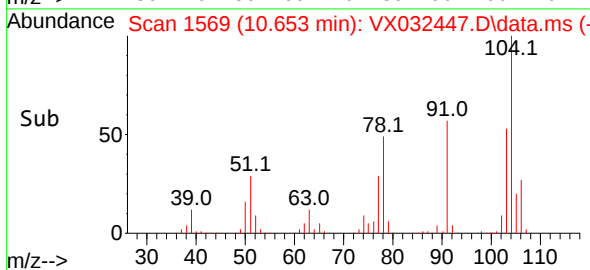
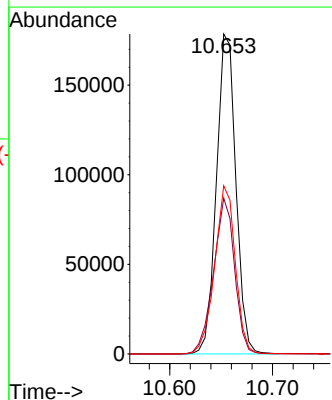
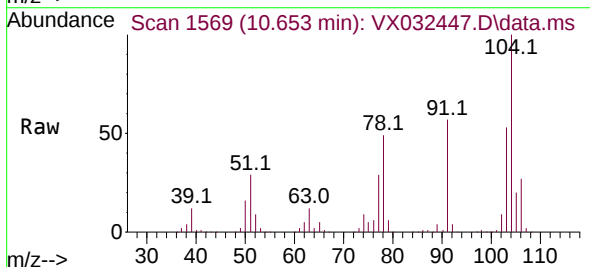
Manual Integrations
APPROVED

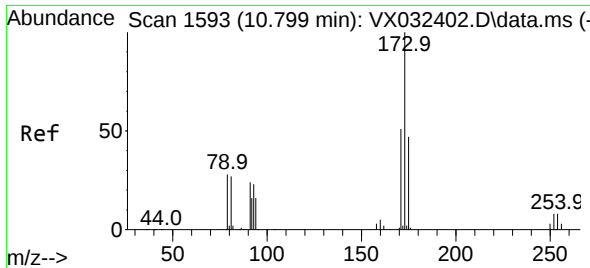
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#70
Styrene
Concen: 53.419 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

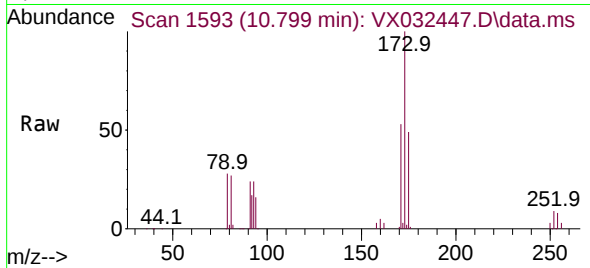
Tgt Ion:104 Resp: 234774
Ion Ratio Lower Upper
104 100
78 52.7 41.8 62.8
103 55.9 44.5 66.7





#71
Bromoform
Concen: 52.985 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

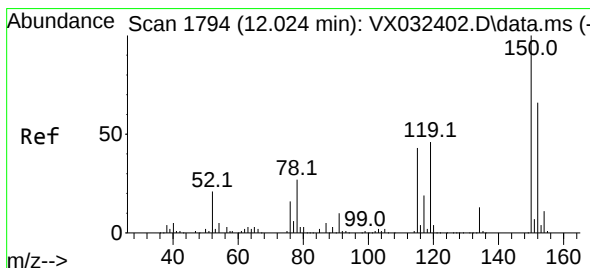
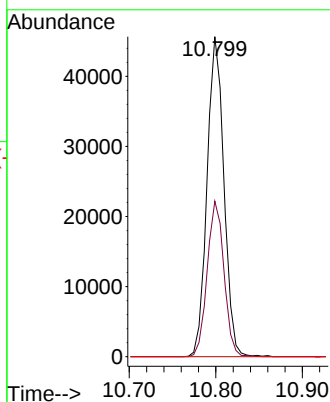
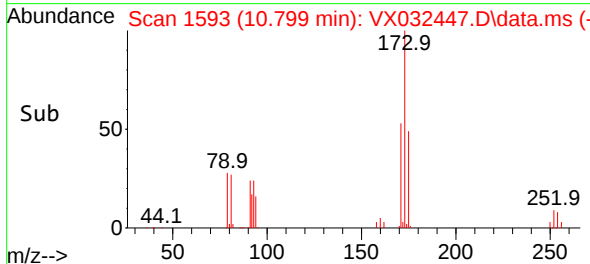
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 61758
Ion Ratio Lower Upper
173 100
175 48.3 23.9 71.8
254 0.0 0.0 0.0

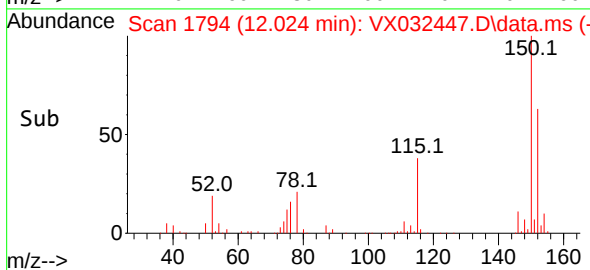
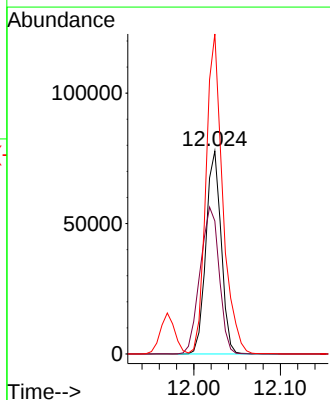
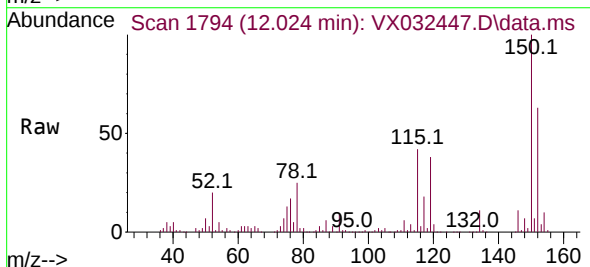
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/31/2022
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: VX032447.D
Acq: 28 Oct 2022 10:13

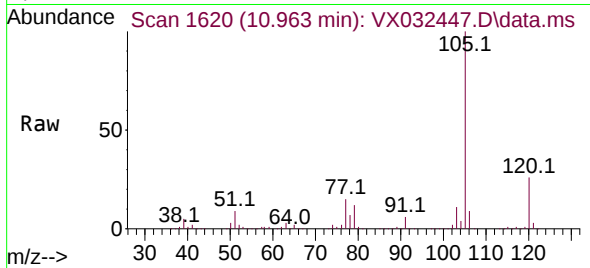
Tgt Ion:152 Resp: 94863
Ion Ratio Lower Upper
152 100
115 90.7 44.0 132.0
150 173.9 0.0 351.8





#73
Isopropylbenzene
Concen: 50.822 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

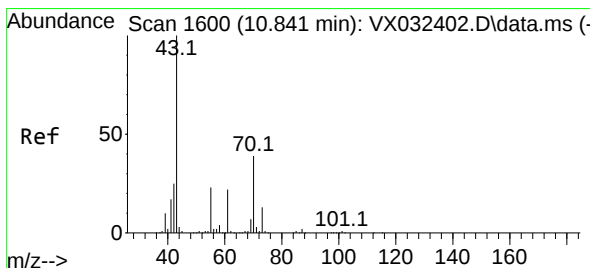
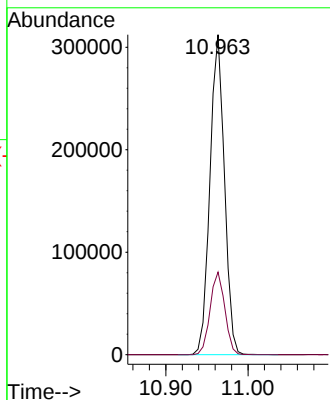
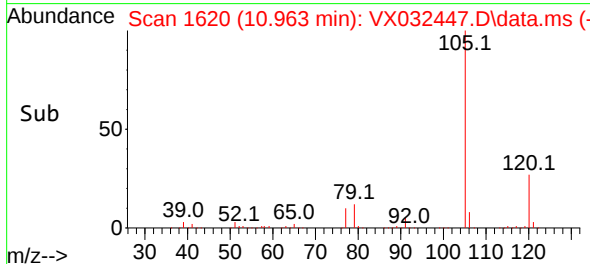
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



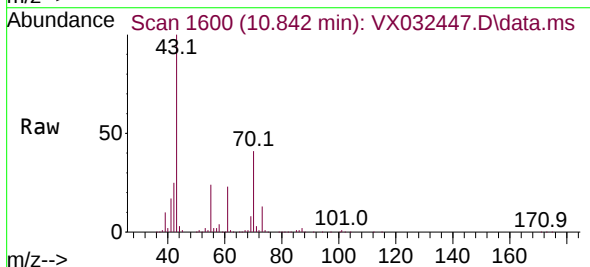
Tgt Ion:105 Resp: 38203
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.3

Manual Integrations
APPROVED

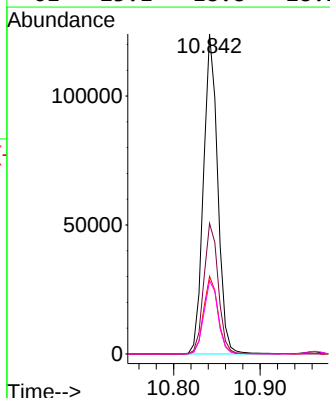
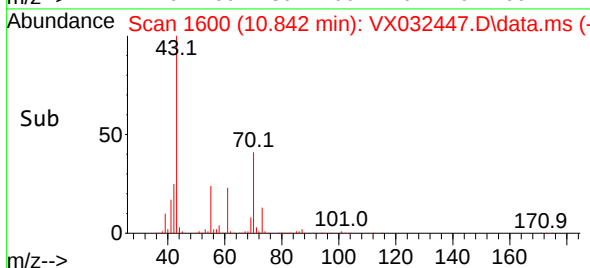
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

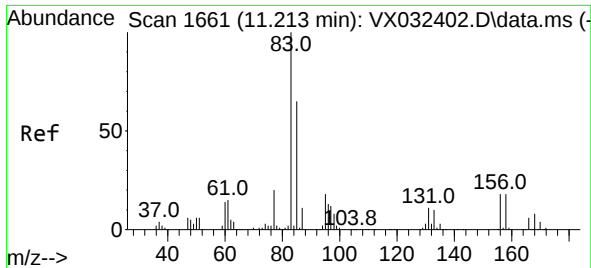


#74
N-ethyl acetate
Concen: 49.804 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13



Tgt Ion: 43 Resp: 141458
Ion Ratio Lower Upper
43 100
70 41.6 33.6 50.4
55 24.5 19.4 29.2
61 23.1 18.8 28.2





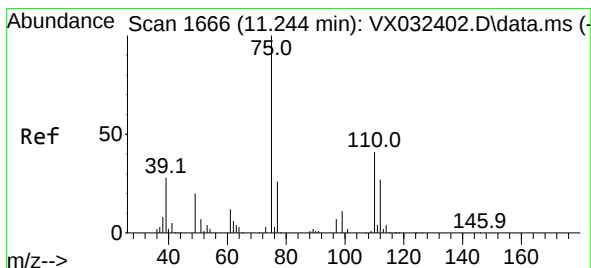
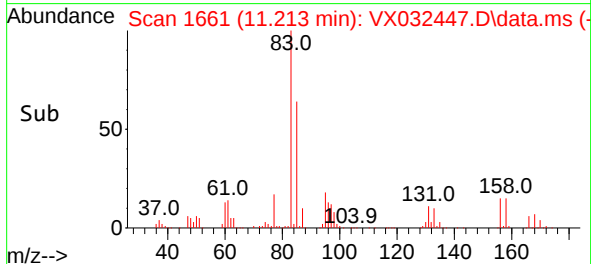
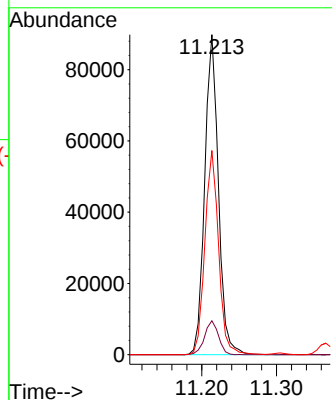
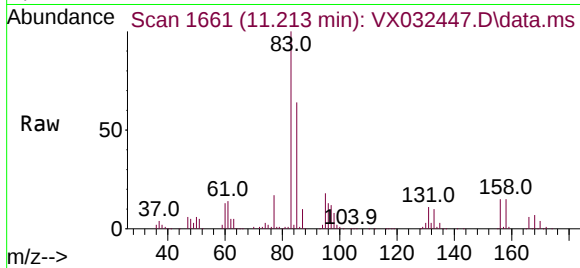
#75
1,1,2,2-Tetrachloroethane
Concen: 47.199 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 113880
Ion Ratio Lower Upper
83 100
131 10.8 5.4 16.2
85 64.2 31.9 95.9

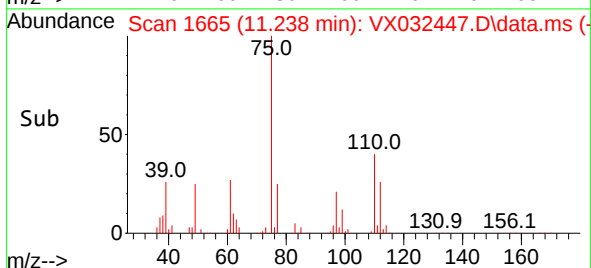
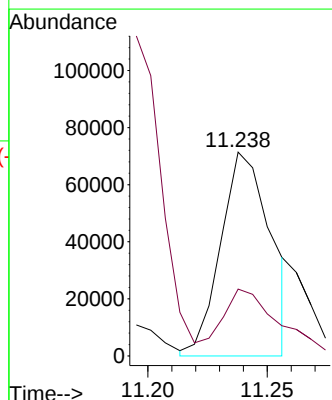
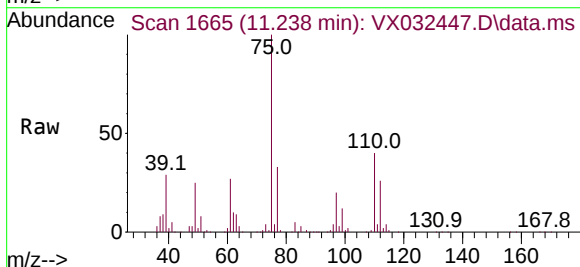
Manual Integrations
APPROVED

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



#76
1,2,3-Trichloropropane
Concen: 49.213 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

Tgt Ion: 75 Resp: 103862
Ion Ratio Lower Upper
75 100
77 38.0 20.0 60.0





#77

Bromobenzene

Concen: 49.519 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX032447.D

Acq: 28 Oct 2022 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

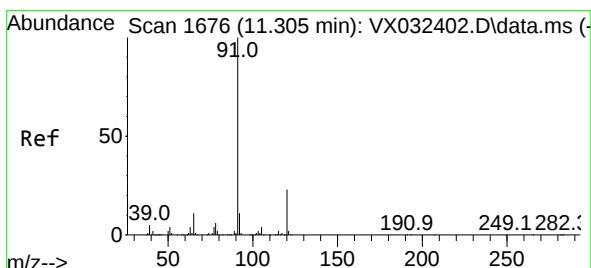
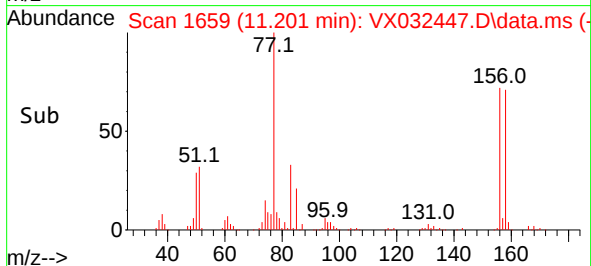
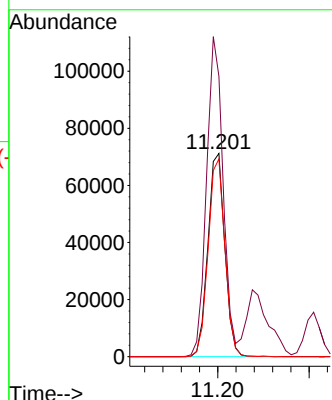
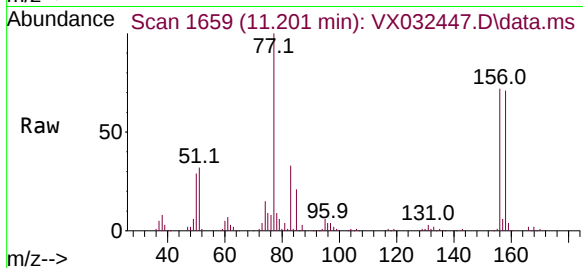
Tgt Ion:	156	Resp:	91258
Ion Ratio	Lower	Upper	
156	100		
77	153.5	76.1	228.4
158	96.4	48.8	146.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#78

n-propylbenzene

Concen: 51.971 ug/l

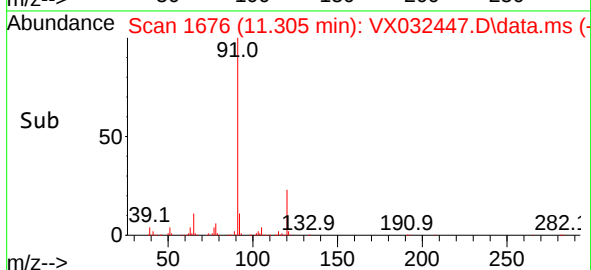
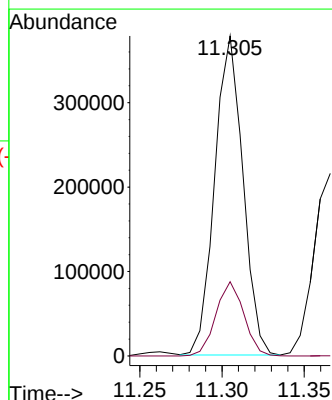
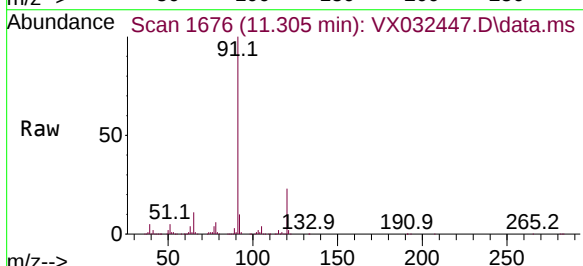
RT: 11.305 min Scan# 1676

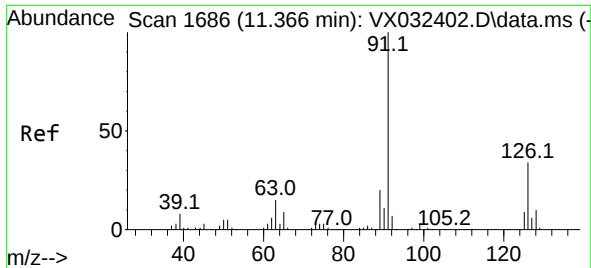
Delta R.T. 0.000 min

Lab File: VX032447.D

Acq: 28 Oct 2022 10:13

Tgt Ion:	91	Resp:	450104
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.6	34.8





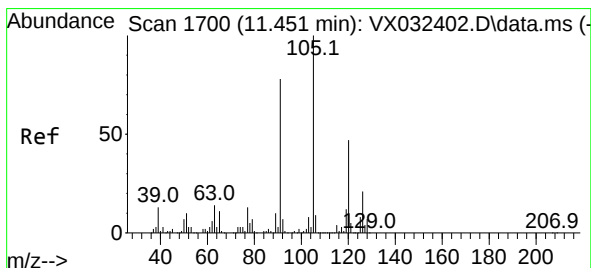
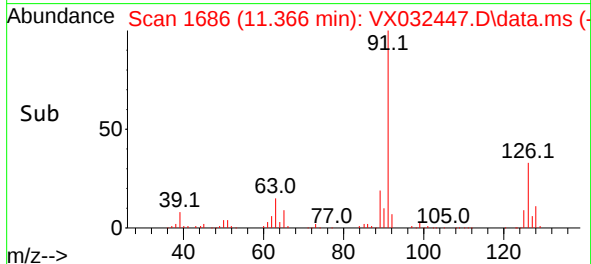
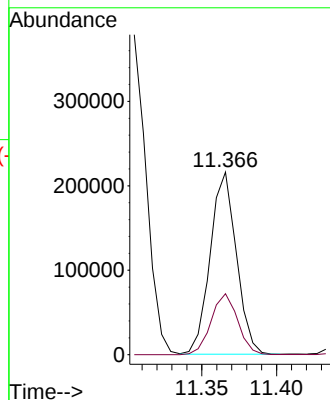
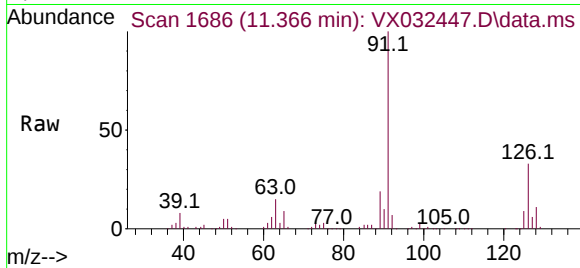
#79
2-Chlorotoluene
Concen: 50.652 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 262719
Ion Ratio Lower Upper
91 100
126 33.9 17.1 51.2

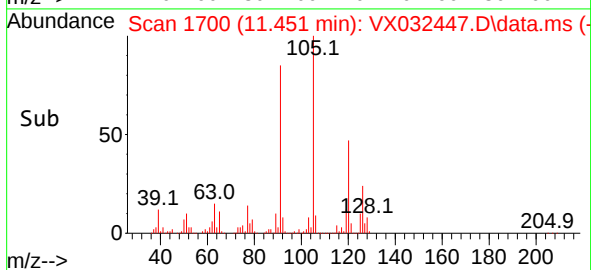
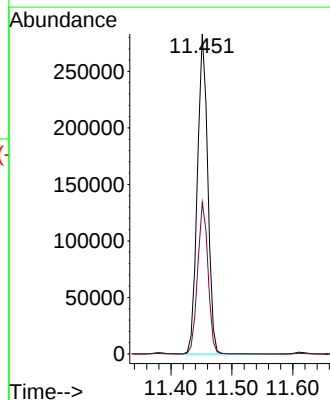
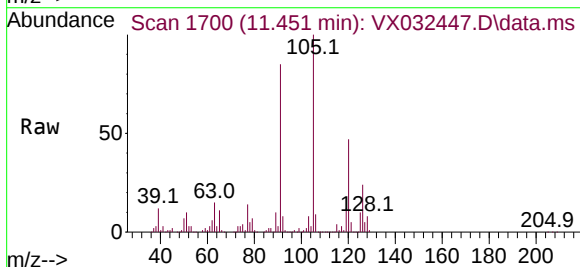
Manual Integrations
APPROVED

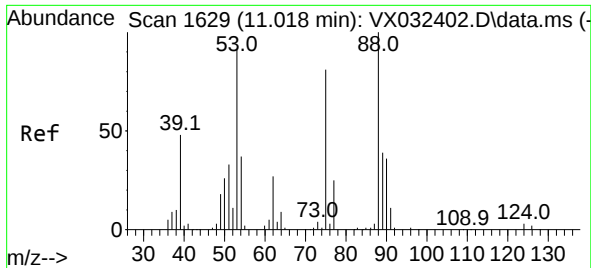
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#80
1,3,5-Trimethylbenzene
Concen: 51.975 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

Tgt Ion:105 Resp: 333920
Ion Ratio Lower Upper
105 100
120 47.3 23.6 71.0





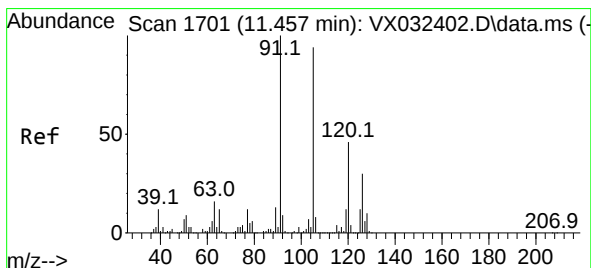
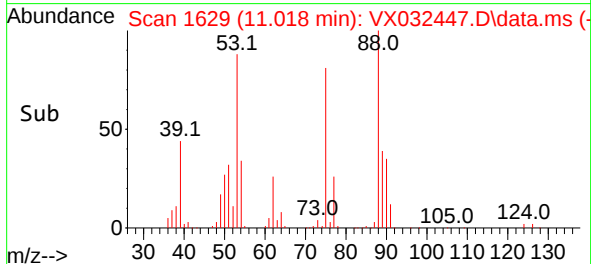
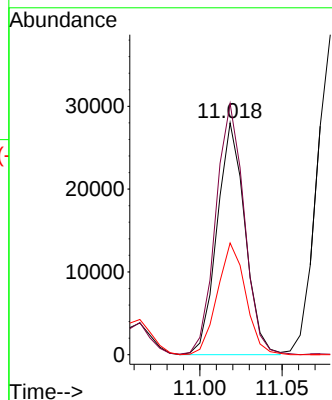
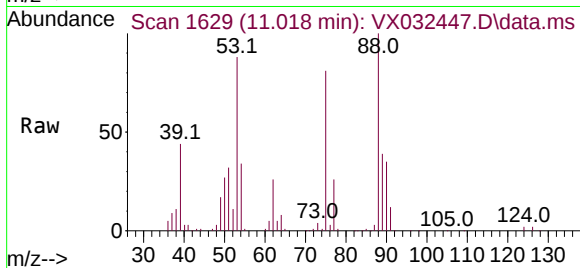
#81
trans-1,4-Dichloro-2-butene
Concen: 49.953 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 3313
Ion Ratio Lower Upper
75 100
53 110.4 86.9 130.3
89 48.7 38.3 57.5

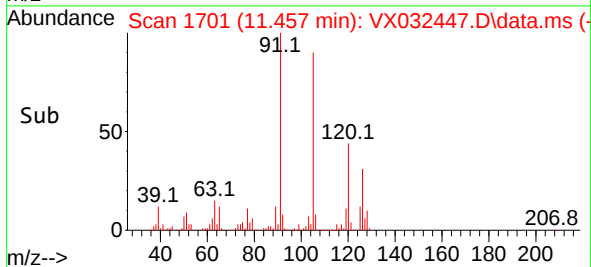
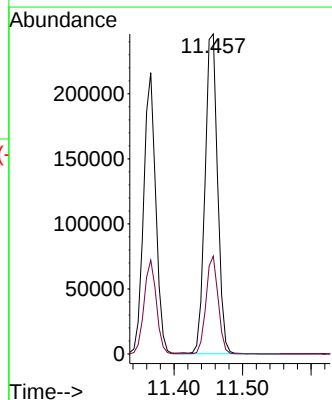
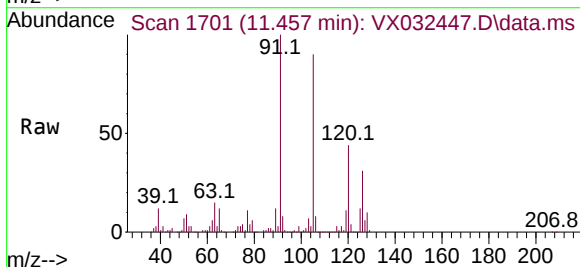
Manual Integrations
APPROVED

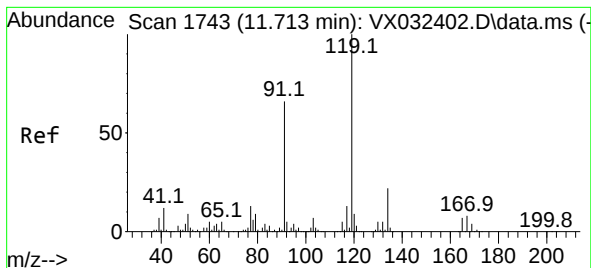
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#82
4-Chlorotoluene
Concen: 51.835 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

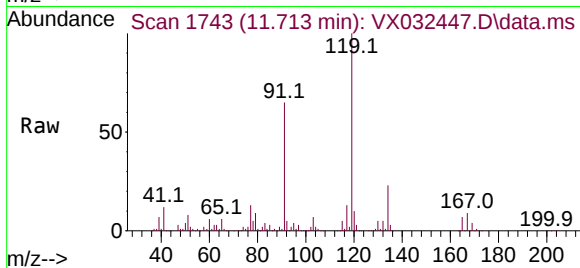
Tgt Ion: 91 Resp: 314593
Ion Ratio Lower Upper
91 100
126 29.6 14.8 44.4





#83
tert-Butylbenzene
Concen: 51.355 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

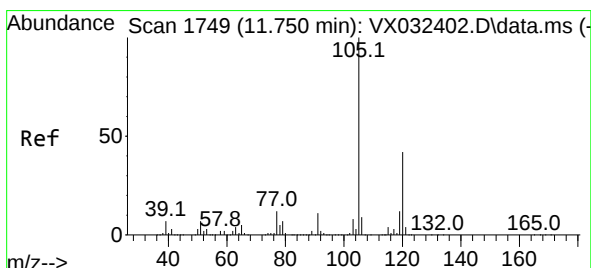
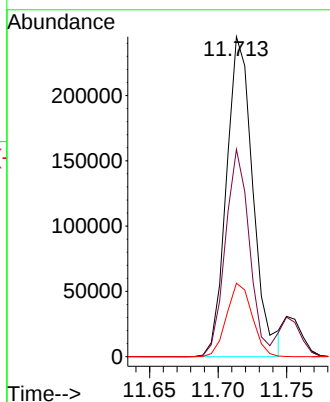
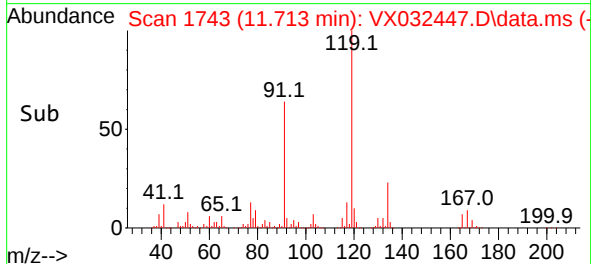
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



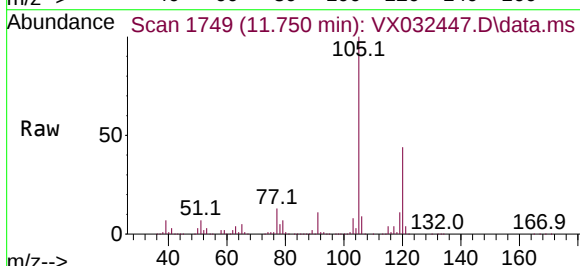
Tgt Ion:119 Resp: 32939
Ion Ratio Lower Upper
119 100
91 59.0 29.4 88.2
134 22.2 11.0 33.0

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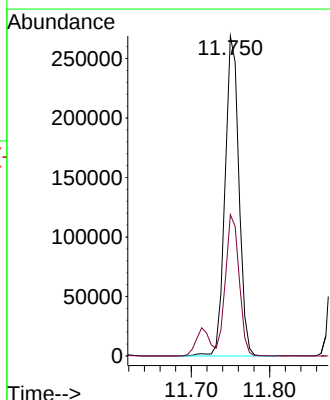
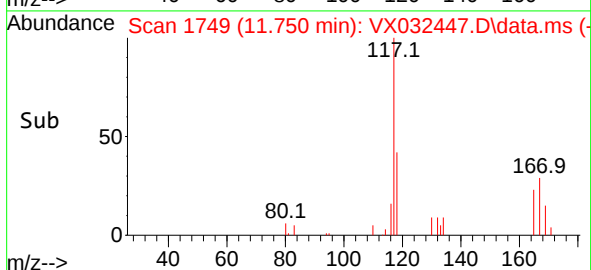
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

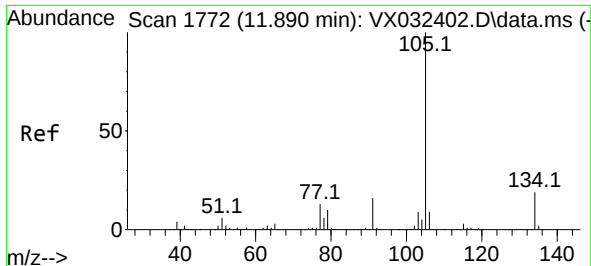


#84
1,2,4-Trimethylbenzene
Concen: 51.981 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13



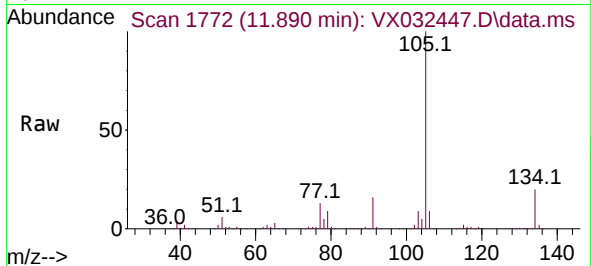
Tgt Ion:105 Resp: 332155
Ion Ratio Lower Upper
105 100
120 43.5 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 53.372 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX032447.D
 Acq: 28 Oct 2022 10:13

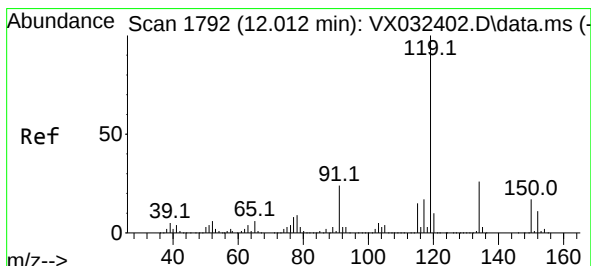
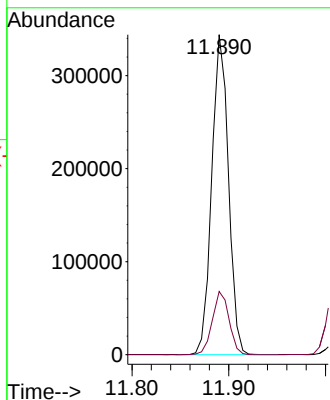
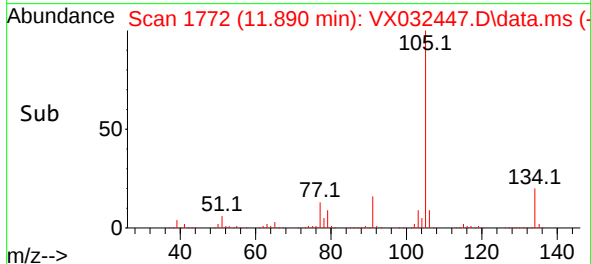
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



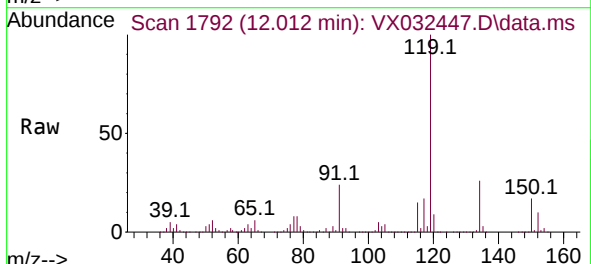
Tgt Ion:105 Resp: 411920
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.9 29.7

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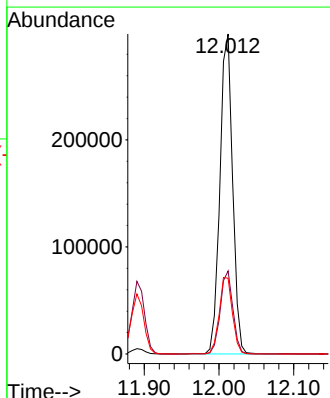
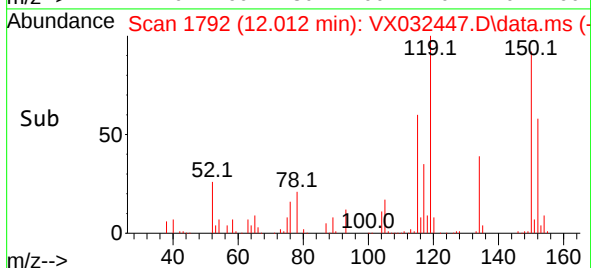
Reviewed By :John Carlone 10/31/2022
 Supervised By :Mahesh Dadoda 10/31/2022

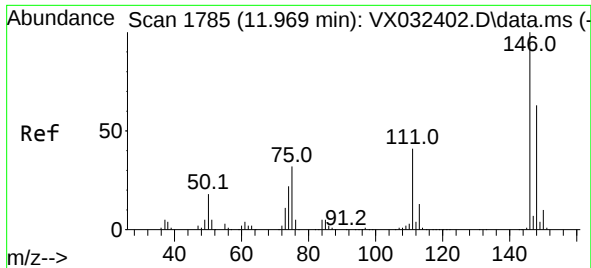


#86
 p-Isopropyltoluene
 Concen: 53.885 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX032447.D
 Acq: 28 Oct 2022 10:13



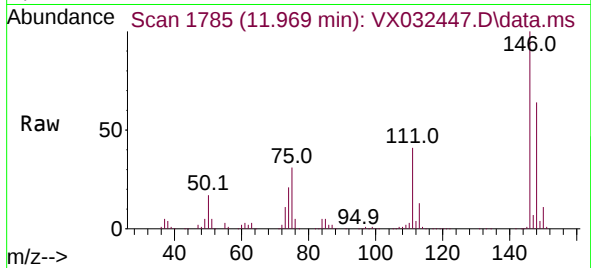
Tgt Ion:119 Resp: 352885
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.7
 91 24.9 12.5 37.5





#87
1,3-Dichlorobenzene
Concen: 51.237 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

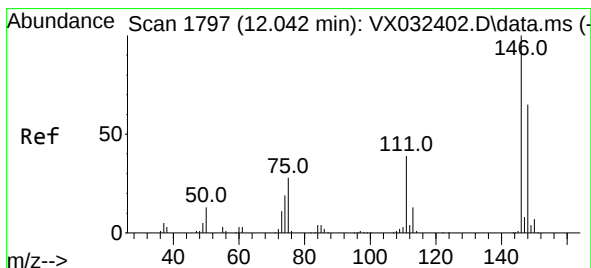
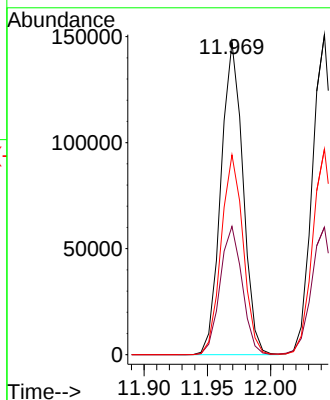
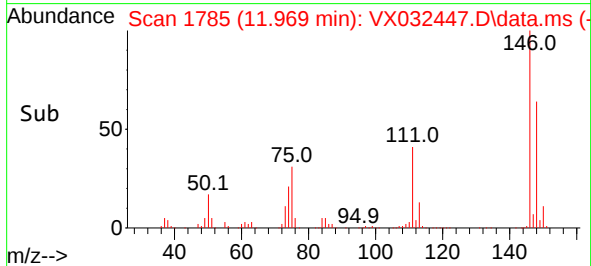
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



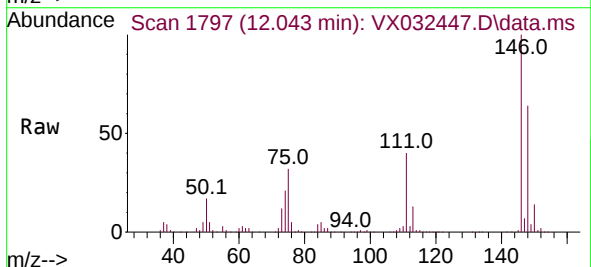
Tgt Ion:146 Resp: 17811
Ion Ratio Lower Upper
146 100
111 41.1 20.6 61.8
148 63.9 31.7 95.1

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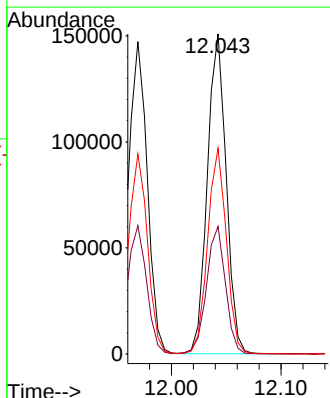
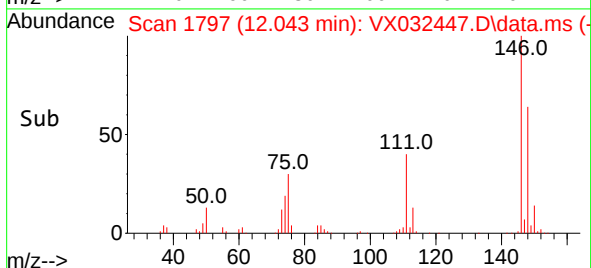
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#88
1,4-Dichlorobenzene
Concen: 49.954 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13



Tgt Ion:146 Resp: 180158
Ion Ratio Lower Upper
146 100
111 40.1 20.5 61.6
148 64.2 32.2 96.6





#89

n-Butylbenzene

Concen: 55.242 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX032447.D

Acq: 28 Oct 2022 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 31473

Ion Ratio Lower Upper

91 100

92 51.9 26.2 78.6

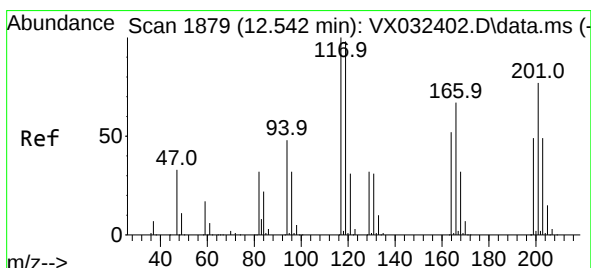
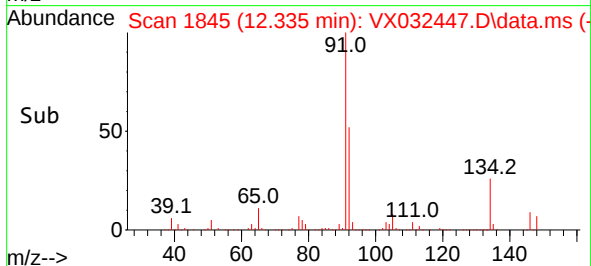
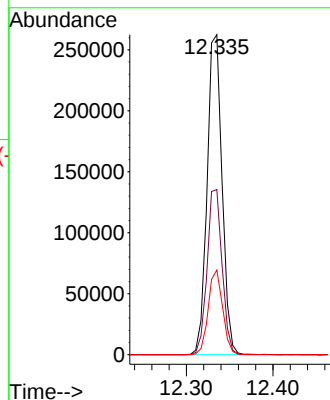
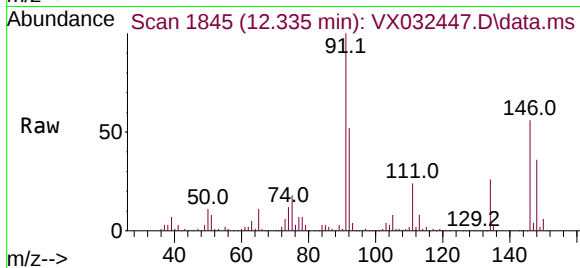
134 25.5 12.9 38.6

Manual Integrations

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Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#90

Hexachloroethane

Concen: 55.728 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VX032447.D

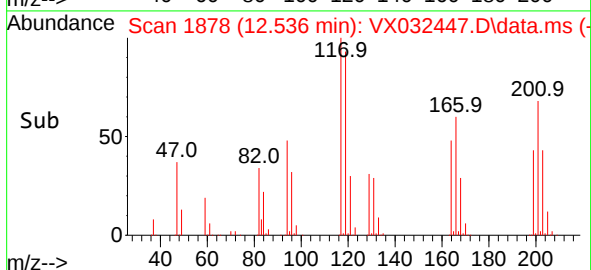
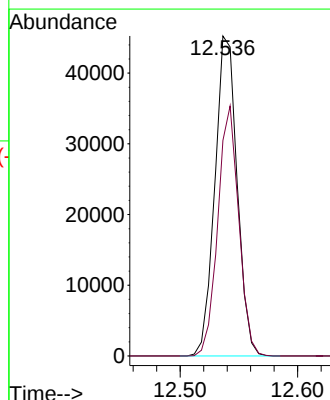
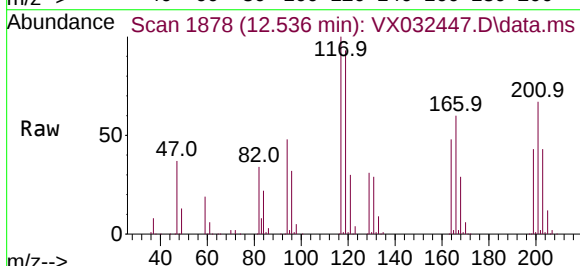
Acq: 28 Oct 2022 10:13

Tgt Ion:117 Resp: 59612

Ion Ratio Lower Upper

117 100

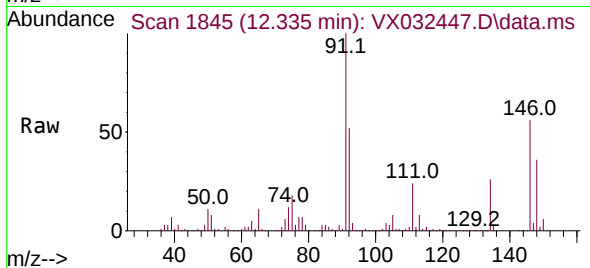
201 73.5 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 50.765 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

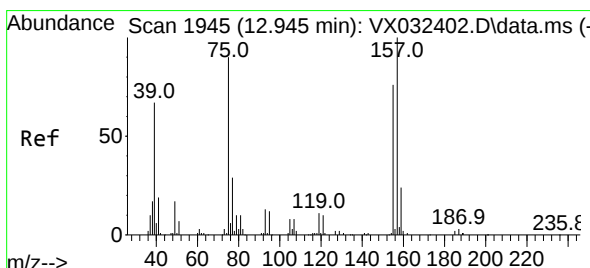
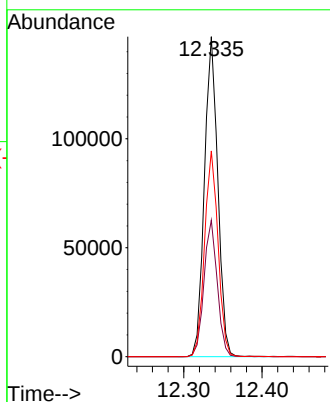
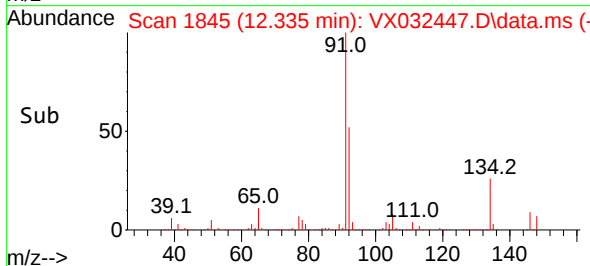
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



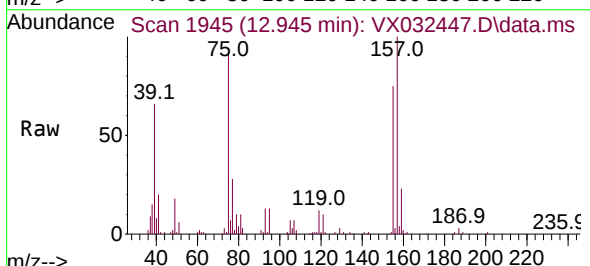
Tgt Ion: 146 Resp: 17401
Ion Ratio Lower Upper
146 100
111 42.3 21.5 64.5
148 64.5 32.0 96.2

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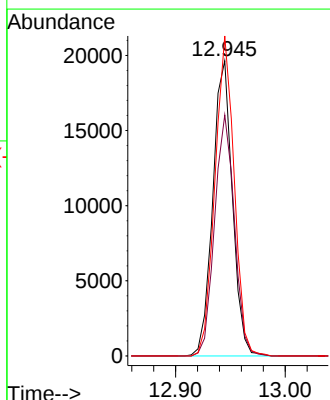
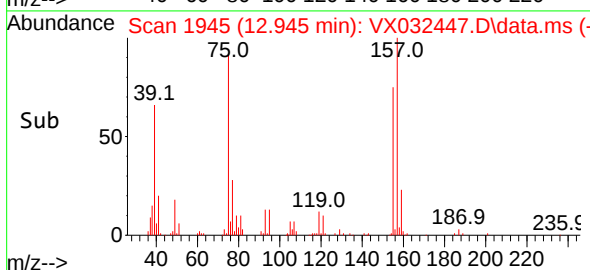
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

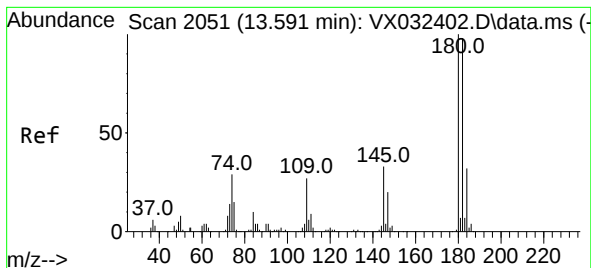


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.187 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13



Tgt Ion: 75 Resp: 24435
Ion Ratio Lower Upper
75 100
155 82.4 41.6 124.8
157 106.3 54.1 162.4





#93

1,2,4-Trichlorobenzene

Concen: 49.836 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX032447.D

Acq: 28 Oct 2022 10:13

Instrument :

MSVOA_X

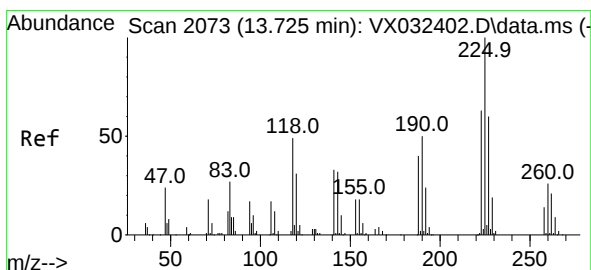
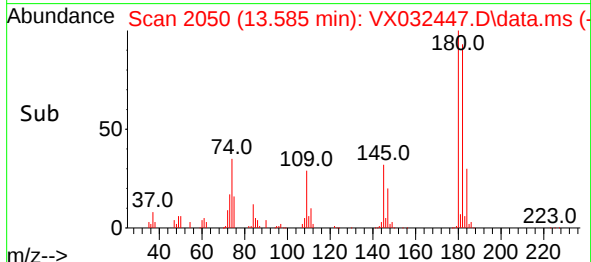
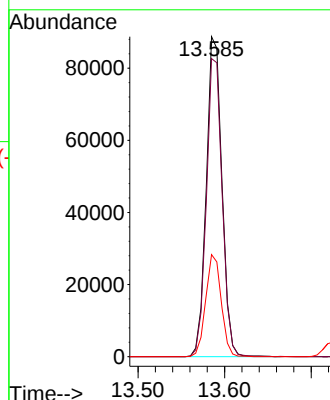
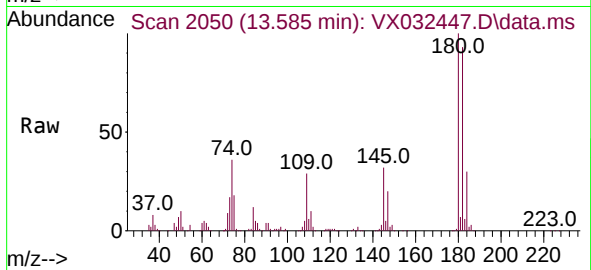
ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 111385
 Ion Ratio Lower Upper
 180 100
 182 93.9 48.4 145.0
 145 31.7 16.2 48.5

Manual Integrations
 APPROVED

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



#94

Hexachlorobutadiene

Concen: 52.247 ug/l

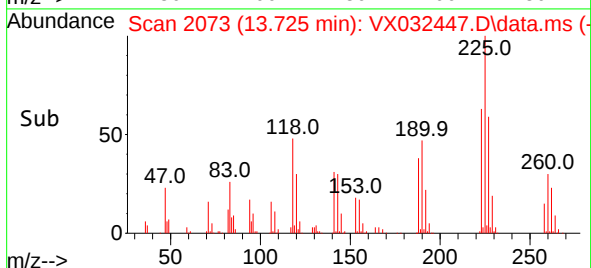
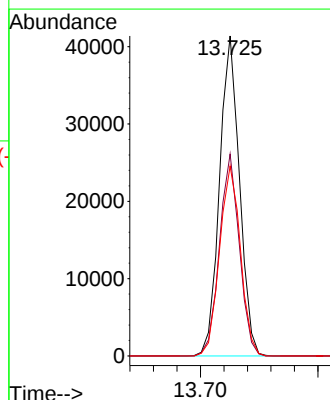
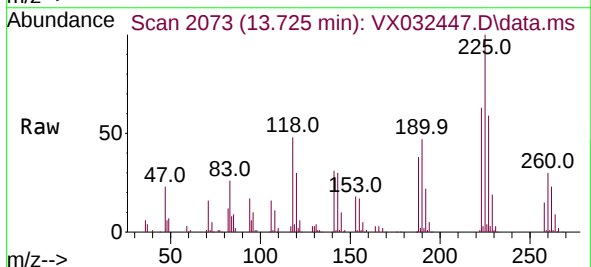
RT: 13.725 min Scan# 2073

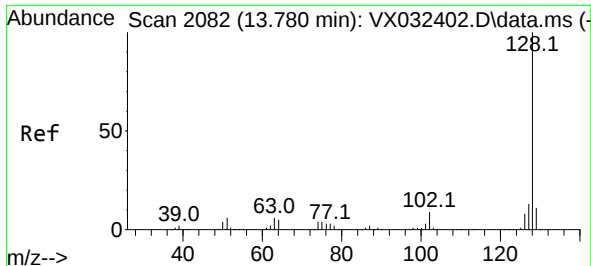
Delta R.T. 0.000 min

Lab File: VX032447.D

Acq: 28 Oct 2022 10:13

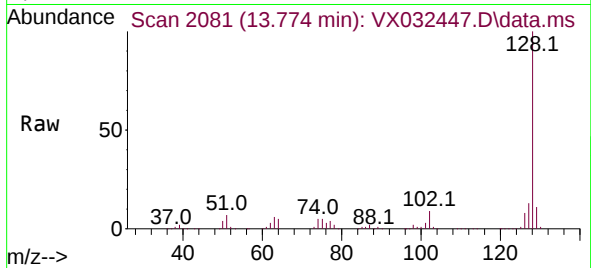
Tgt Ion:225 Resp: 48769
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.9 95.9
 227 62.1 31.9 95.5





#95
Naphthalene
Concen: 47.332 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

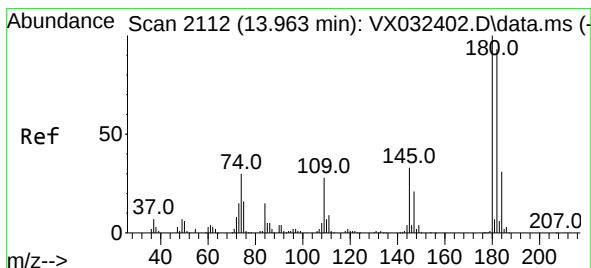
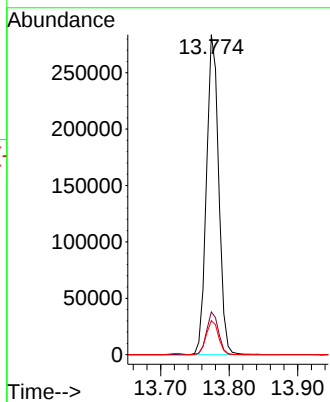
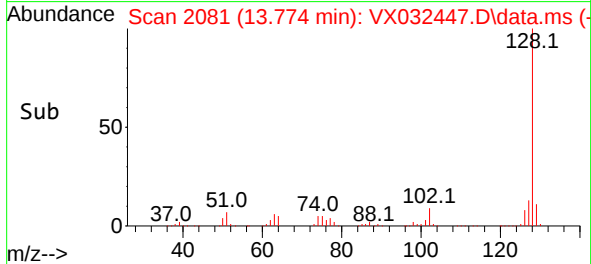
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 352494
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.7 8.9 13.3

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 48.067 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX032447.D
Acq: 28 Oct 2022 10:13

Tgt Ion:180 Resp: 109206
Ion Ratio Lower Upper
180 100
182 95.5 47.5 142.6
145 34.0 16.9 50.6

