

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031523\
 Data File : VX034529.D
 Acq On : 15 Mar 2023 23:25
 Operator : JC/MD
 Sample : 01909-04MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DS-02-031023-AMMSD

Quant Time: Mar 16 05:28:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/16/2023
 Supervised By : Mahesh Dadoda 03/16/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	266571	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	465146	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	418714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	214037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	214195	55.232	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.460%			
35) Dibromofluoromethane	5.385	113	160564	52.282	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.560%			
50) Toluene-d8	8.647	98	584735	51.003	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.000%			
62) 4-Bromofluorobenzene	11.079	95	235541	50.863	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.720%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	123820	49.824	ug/l	100
3) Chloromethane	1.307	50	169559	44.908	ug/l	98
4) Vinyl Chloride	1.374	62	163190	48.227	ug/l	100
5) Bromomethane	1.599	94	88118	51.612	ug/l	97
6) Chloroethane	1.679	64	104073	53.417	ug/l	98
7) Trichlorofluoromethane	1.886	101	259496	51.037	ug/l	100
8) Diethyl Ether	2.130	74	95411	51.405	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	145439	49.083	ug/l	100
10) Methyl Iodide	2.453	142	204330	52.523	ug/l	98
11) Tert butyl alcohol	2.953	59	179455	222.214	ug/l	99
12) 1,1-Dichloroethene	2.319	96	142694	48.897	ug/l	97
13) Acrolein	2.233	56	196158	307.038	ug/l	99
14) Allyl chloride	2.660	41	275057	46.491	ug/l	96
15) Acrylonitrile	3.062	53	448876	257.307	ug/l	99
16) Acetone	2.374	43	395651	216.586	ug/l	97
17) Carbon Disulfide	2.508	76	350359	42.662	ug/l	98
18) Methyl Acetate	2.703	43	262297	43.943	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	530876	50.808	ug/l	98
20) Methylene Chloride	2.788	84	164420	46.376	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	151772	48.972	ug/l	98
22) Diisopropyl ether	3.757	45	566875	50.254	ug/l	94
23) Vinyl Acetate	3.721	43	1887964	219.917	ug/l	99
24) 1,1-Dichloroethane	3.611	63	303953	50.127	ug/l	99
25) 2-Butanone	4.550	43	647341	247.658	ug/l	99
26) 2,2-Dichloropropane	4.471	77	227290	43.123	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	185182	49.636	ug/l	99
28) Bromochloromethane	4.897	49	148016	52.499	ug/l	98
29) Tetrahydrofuran	5.001	42	418520	259.484	ug/l	100
30) Chloroform	5.093	83	316082	53.178	ug/l	97
31) Cyclohexane	5.471	56	263209	48.395	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	275582	52.374	ug/l	99
36) 1,1-Dichloropropene	5.690	75	226489	48.015	ug/l	99
37) Ethyl Acetate	4.708	43	217430	42.193	ug/l	99
38) Carbon Tetrachloride	5.678	117	227890	48.564	ug/l	97
39) Methylcyclohexane	7.379	83	261781	46.374	ug/l	94
40) Benzene	6.037	78	660138	47.839	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	145955	51.681	ug/l	98
42) 1,2-Dichloroethane	6.086	62	266964	52.641	ug/l	99
43) Isopropyl Acetate	6.336	43	405838	46.488	ug/l	100
44) Trichloroethene	7.123	130	166230	46.363	ug/l	96
45) 1,2-Dichloropropane	7.427	63	177492	49.262	ug/l	99
46) Dibromomethane	7.580	93	120995	49.395	ug/l	100
47) Bromodichloromethane	7.824	83	241021	50.840	ug/l	97
48) Methyl methacrylate	7.690	41	213445	50.837	ug/l	97
49) 1,4-Dioxane	7.653	88	80606	914.034	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	1311017	258.874	ug/l	99
52) Toluene	8.720	92	417718	48.895	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	261829	49.023	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	277394	48.006	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	172683	50.932	ug/l	97
56) Ethyl methacrylate	9.116	69	280264	50.346	ug/l	98
57) 1,3-Dichloropropane	9.305	76	300555	49.878	ug/l	99
59) 2-Hexanone	9.427	43	995510	254.295	ug/l	99
60) Dibromochloromethane	9.519	129	180764	50.835	ug/l	99
61) 1,2-Dibromoethane	9.610	107	181258	49.542	ug/l	100
64) Tetrachloroethene	9.275	164	131331	46.693	ug/l	98
65) Chlorobenzene	10.079	112	444072	48.338	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	166229	49.680	ug/l	99
67) Ethyl Benzene	10.195	91	815802	49.603	ug/l	98
68) m/p-Xylenes	10.299	106	616863	97.638	ug/l	99
69) o-Xylene	10.640	106	305872	48.243	ug/l	97
70) Styrene	10.653	104	513943	50.242	ug/l	99
71) Bromoform	10.799	173	127078	49.339	ug/l	100
73) Isopropylbenzene	10.963	105	808733	48.888	ug/l	99
74) N-amyl acetate	10.842	43	344184	43.439	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	277793	50.323	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	232295m	47.267	ug/l	
77) Bromobenzene	11.195	156	193101	48.653	ug/l	100
78) n-propylbenzene	11.305	91	945406	49.486	ug/l	100
79) 2-Chlorotoluene	11.366	91	580416	49.192	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	684315	49.319	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	79835	43.947	ug/l	93
82) 4-Chlorotoluene	11.451	91	675928	49.735	ug/l	100
83) tert-Butylbenzene	11.713	119	681581	48.720	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	694101	48.948	ug/l	98
85) sec-Butylbenzene	11.890	105	835200	48.833	ug/l	100
86) p-Isopropyltoluene	12.006	119	702731	48.889	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	365703	47.027	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	372896	47.423	ug/l	99
89) n-Butylbenzene	12.335	91	609854	47.725	ug/l	99
90) Hexachloroethane	12.536	117	127144	47.803	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	368910	49.089	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	63371	50.528	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	221243	47.077	ug/l	99
94) Hexachlorobutadiene	13.725	225	86589	45.734	ug/l	99
95) Naphthalene	13.774	128	767919	48.728	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	214958	46.792	ug/l	99

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

(#)=qualifier out of range (m)=manual integration (+)=signals summed						

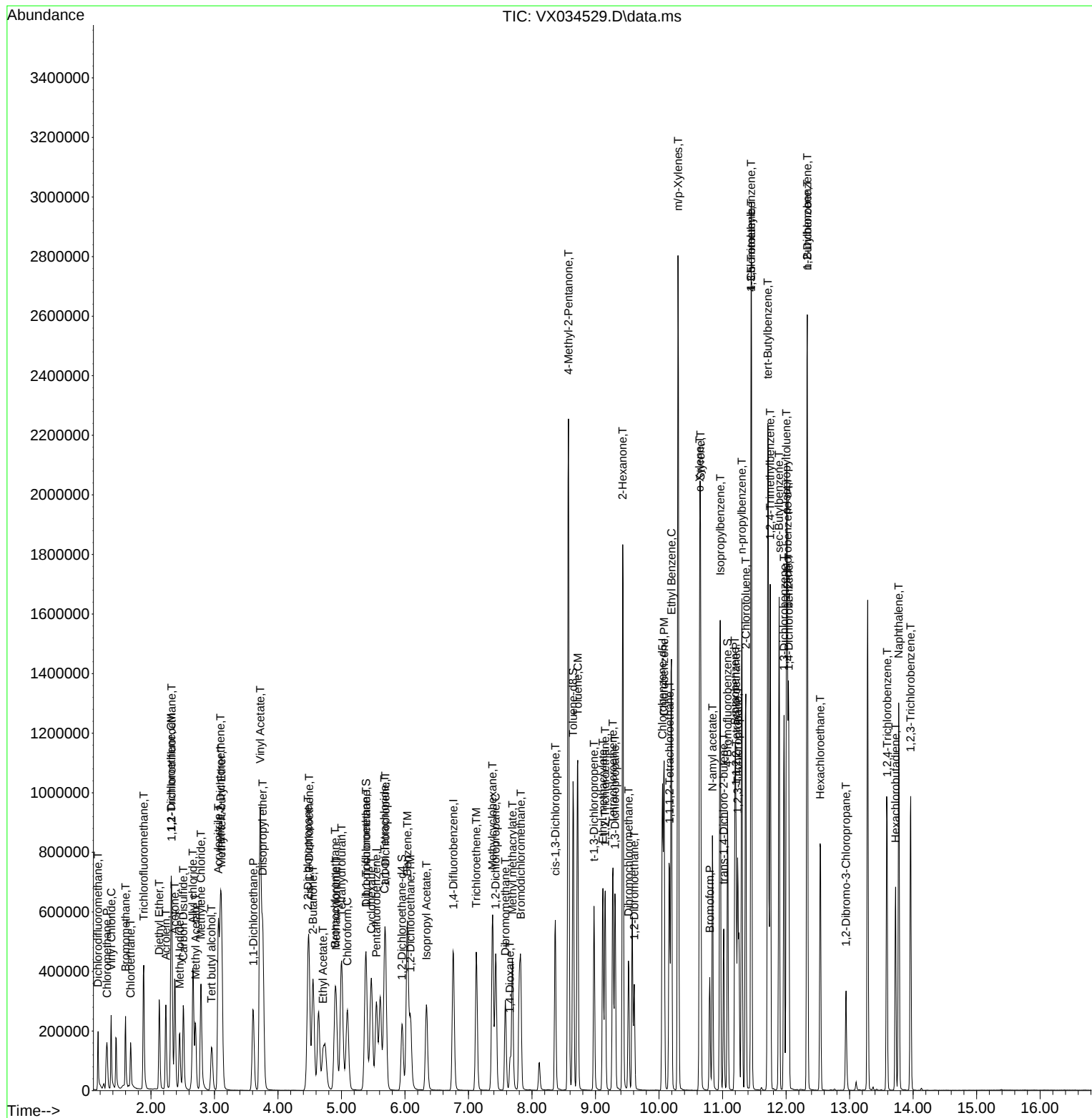
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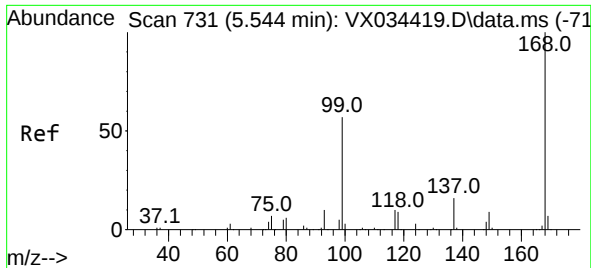
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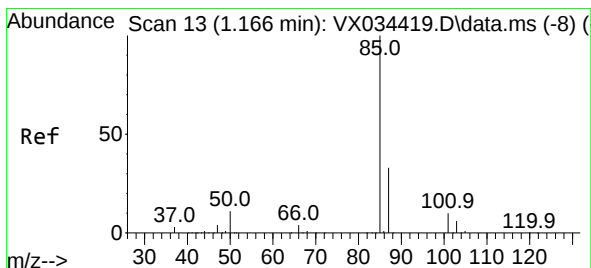
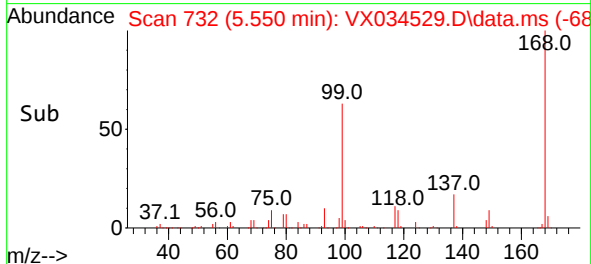
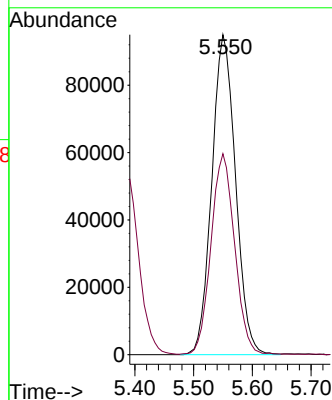
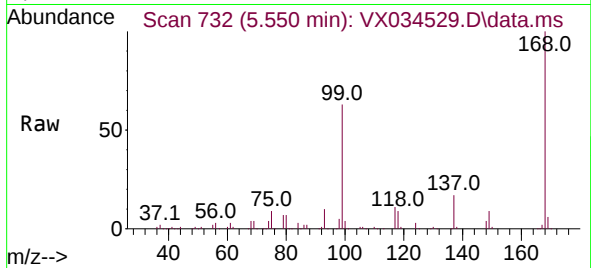
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMSD

Tgt Ion:168 Resp: 26657
Ion Ratio Lower Upper
168 100
99 62.7 45.7 68.5

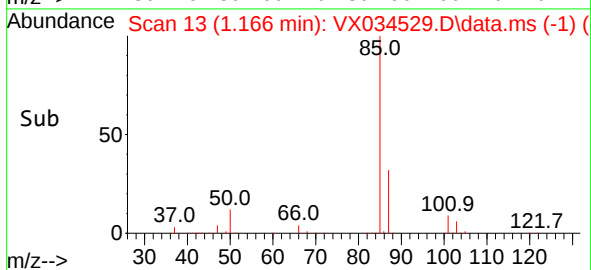
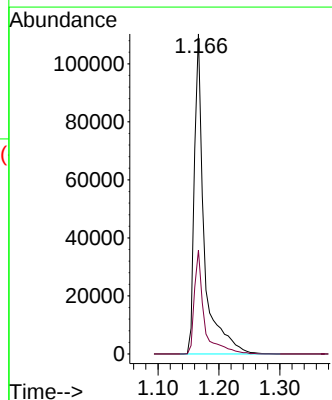
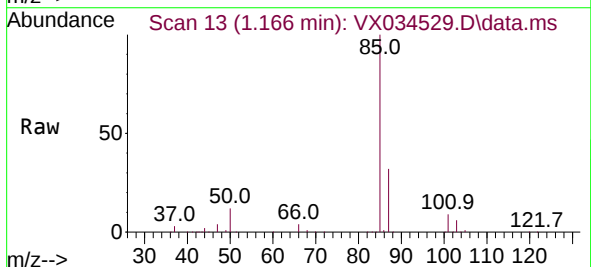
Manual Integrations
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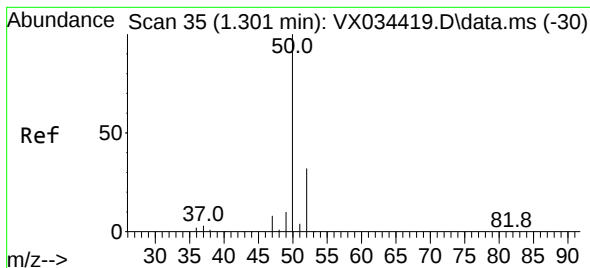
Reviewed By :John Carlone 03/16/2023
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#2
Dichlorodifluoromethane
Concen: 49.824 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

Tgt Ion: 85 Resp: 123820
Ion Ratio Lower Upper
85 100
87 32.5 16.4 49.1





#3

Chloromethane

Concen: 44.908 ug/l

RT: 1.307 min Scan# 30

Delta R.T. 0.006 min

Lab File: VX034529.D

Acq: 15 Mar 2023 23:25

Instrument :

MSVOA_X

ClientSampleId :

DS-02-031023-AMMSD

Tgt Ion: 50 Resp: 16955

Ion Ratio Lower Upper

50 100

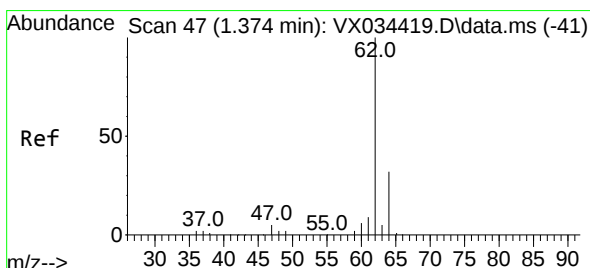
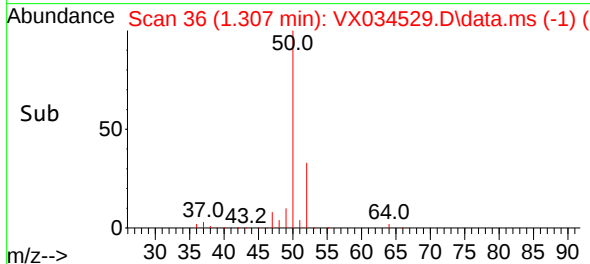
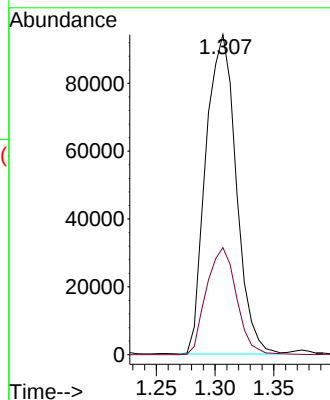
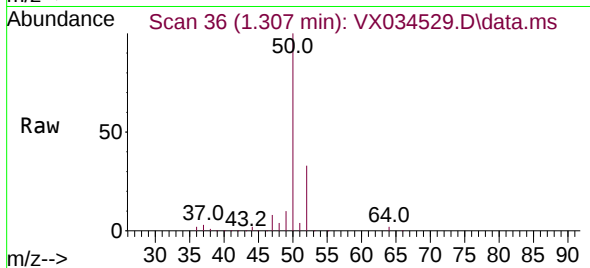
52 33.5 25.9 38.9

Manual Integrations

APPROVED

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#4

Vinyl Chloride

Concen: 48.227 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX034529.D

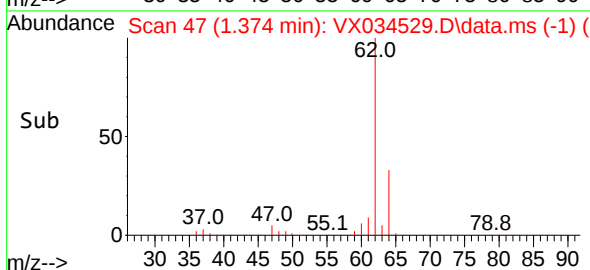
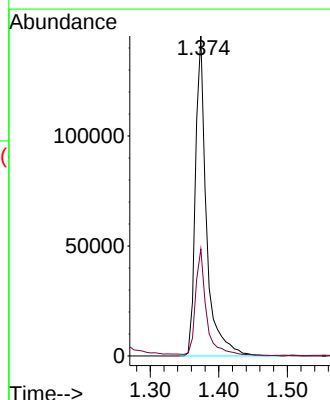
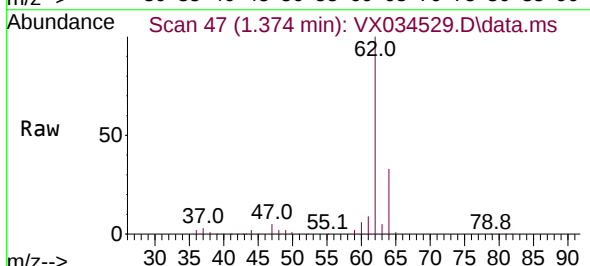
Acq: 15 Mar 2023 23:25

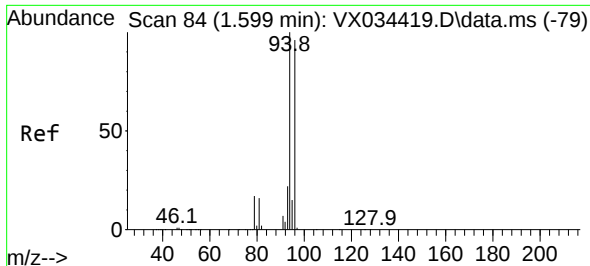
Tgt Ion: 62 Resp: 163190

Ion Ratio Lower Upper

62 100

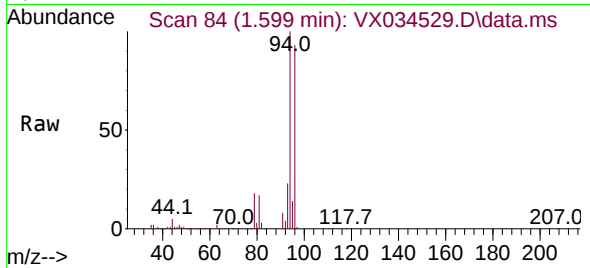
64 33.2 26.4 39.6





#5
Bromomethane
Concen: 51.612 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

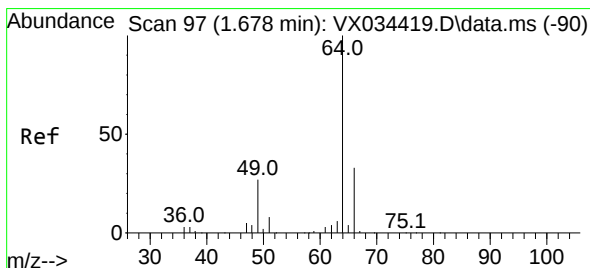
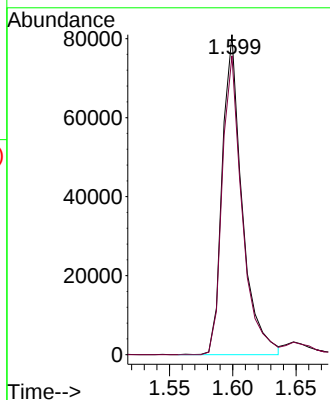
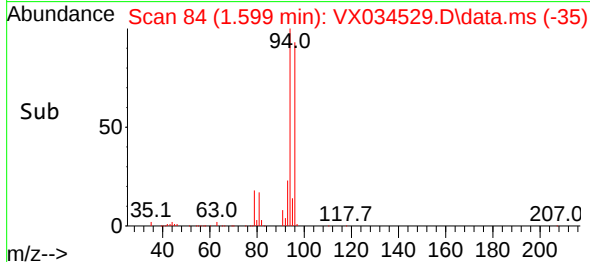
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Tgt Ion: 94 Resp: 88118
Ion Ratio Lower Upper
94 100
96 93.4 77.0 115.6

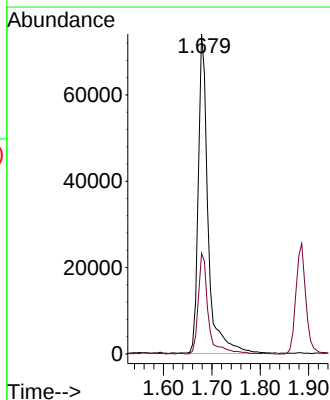
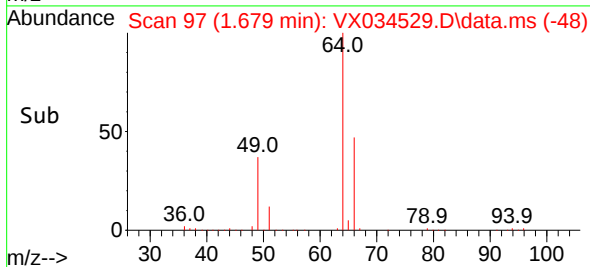
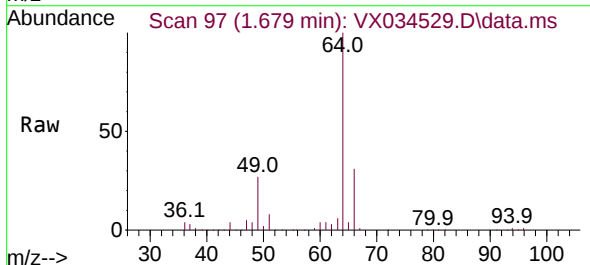
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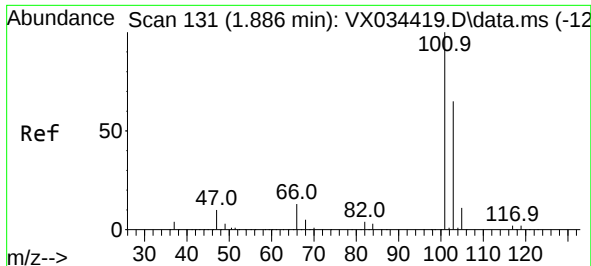
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#6
Chloroethane
Concen: 53.417 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.001 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

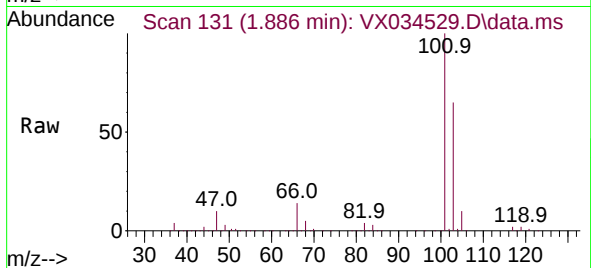
Tgt Ion: 64 Resp: 104073
Ion Ratio Lower Upper
64 100
66 31.5 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 51.037 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034529.D
 Acq: 15 Mar 2023 23:25

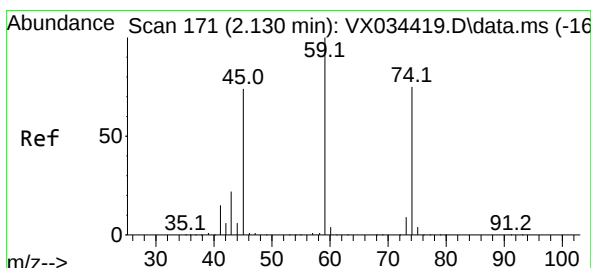
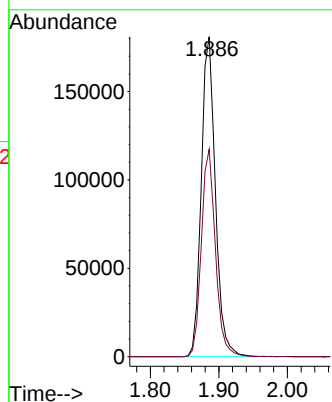
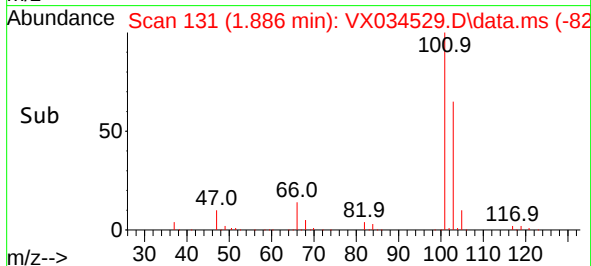
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Tgt Ion:101 Resp: 259490
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.0 78.0

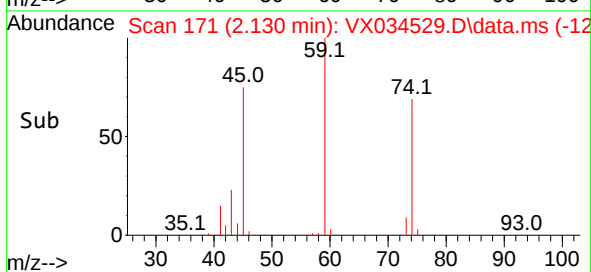
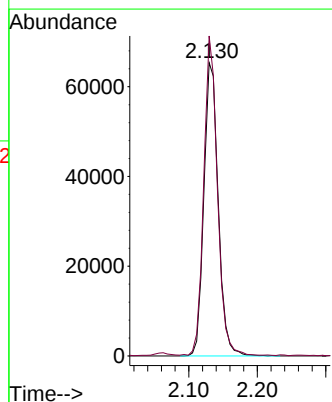
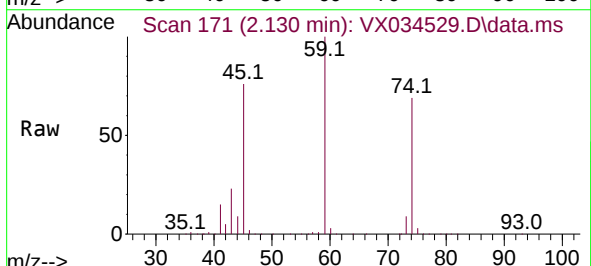
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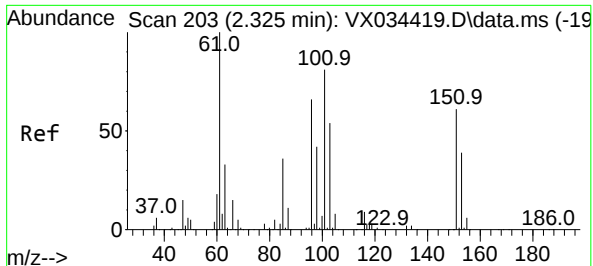
Reviewed By :John Carlone 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023



#8
 Diethyl Ether
 Concen: 51.405 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX034529.D
 Acq: 15 Mar 2023 23:25

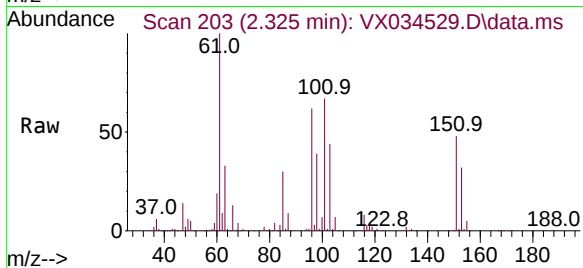
Tgt Ion: 74 Resp: 95411
 Ion Ratio Lower Upper
 74 100
 45 103.9 49.8 149.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.083 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

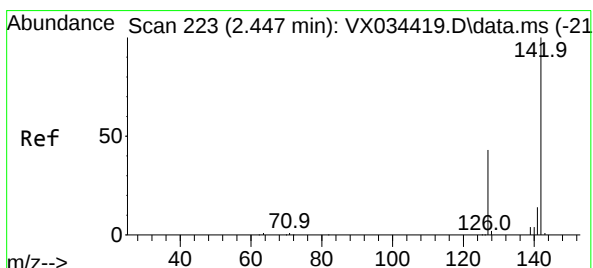
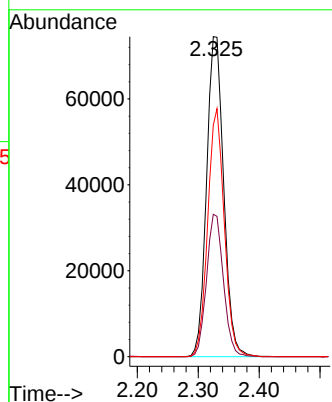
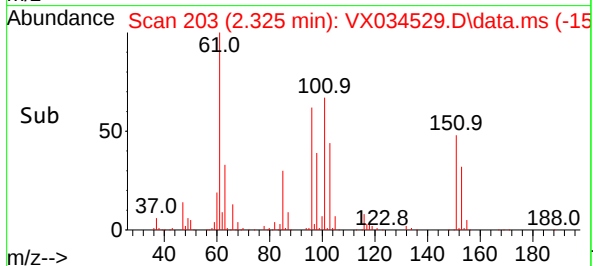
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMSD



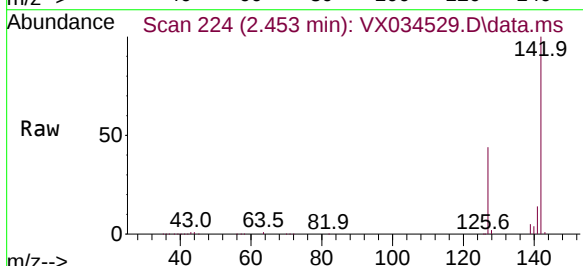
Tgt Ion:101 Resp: 145439
Ion Ratio Lower Upper
101 100
85 44.0 35.4 53.2
151 74.9 60.2 90.4

Manual Integrations
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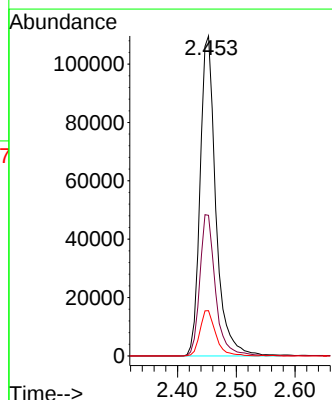
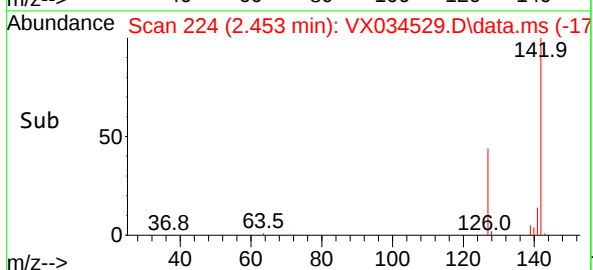
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

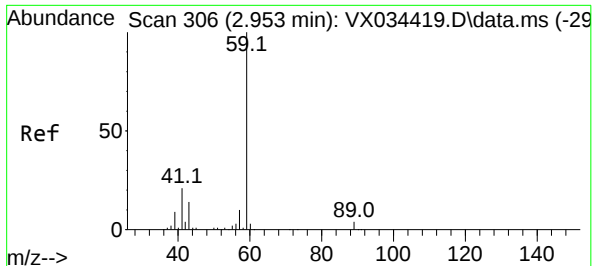


#10
Methyl Iodide
Concen: 52.523 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25



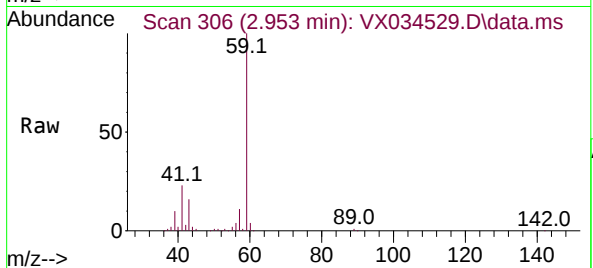
Tgt Ion:142 Resp: 204330
Ion Ratio Lower Upper
142 100
127 44.2 34.0 51.0
141 14.2 11.1 16.7





#11
Tert butyl alcohol
Concen: 222.214 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

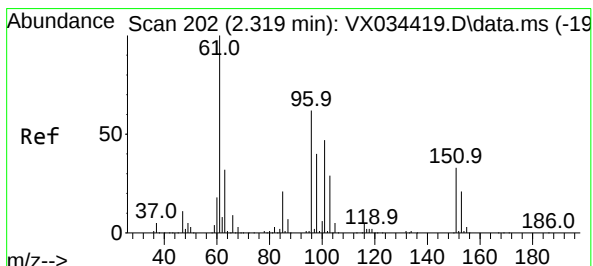
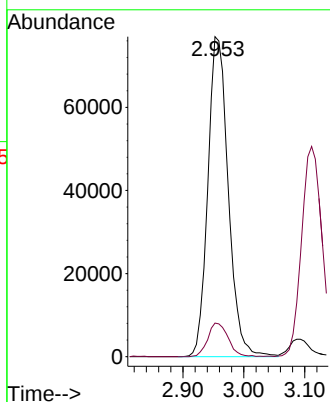
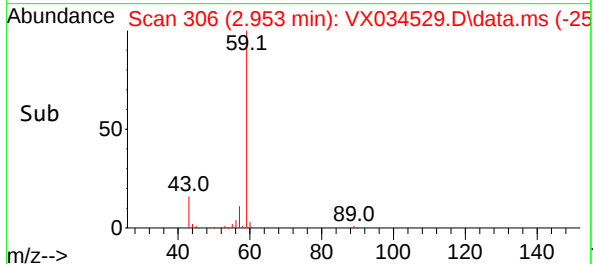
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMSD



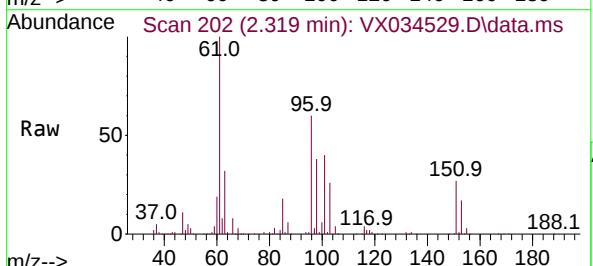
Tgt Ion: 59 Resp: 17945
Ion Ratio Lower Upper
59 100
57 10.6 8.1 12.1

Manual Integrations
APPROVED

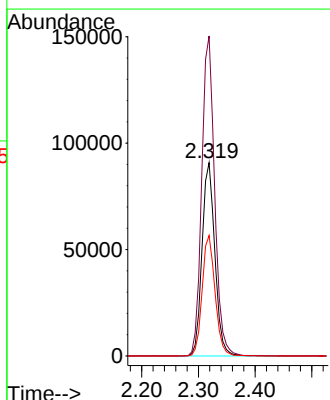
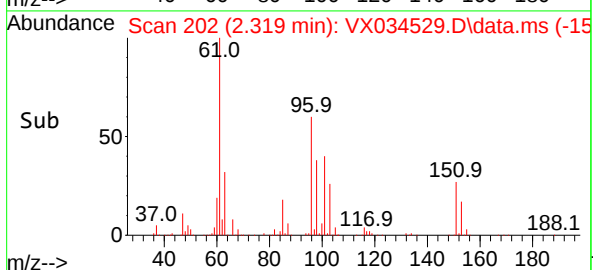
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

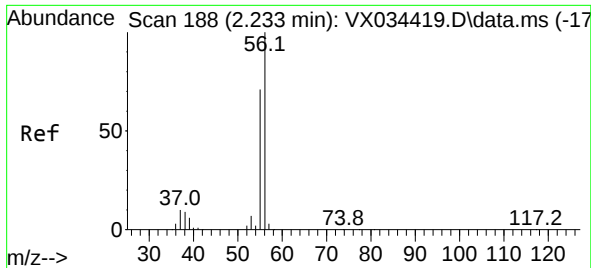


#12
1,1-Dichloroethene
Concen: 48.897 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25



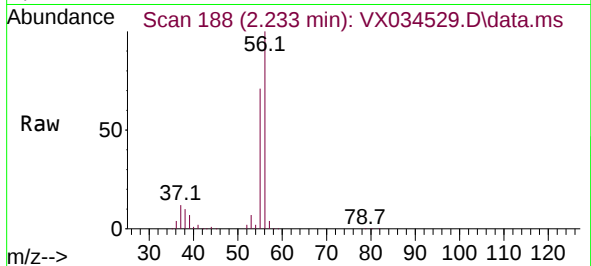
Tgt Ion: 96 Resp: 142694
Ion Ratio Lower Upper
96 100
61 165.6 128.8 193.2
98 62.3 51.4 77.0





#13
Acrolein
Concen: 307.038 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

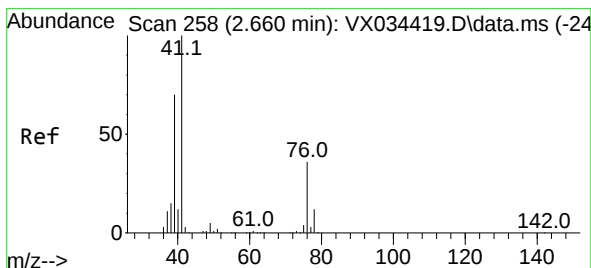
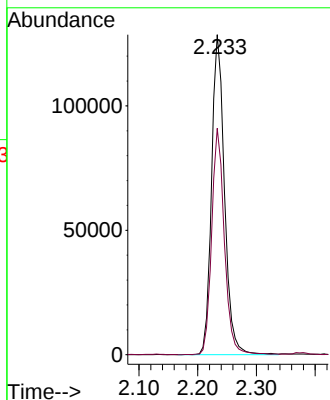
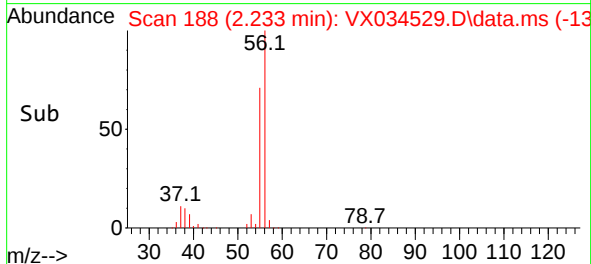
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMSD



Tgt Ion: 56 Resp: 196158
Ion Ratio Lower Upper
56 100
55 69.7 56.6 85.0

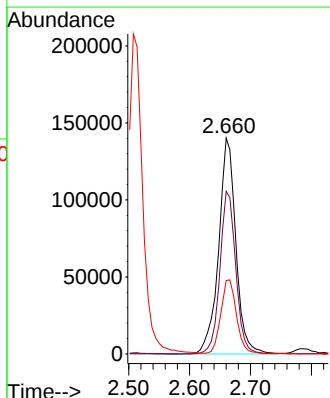
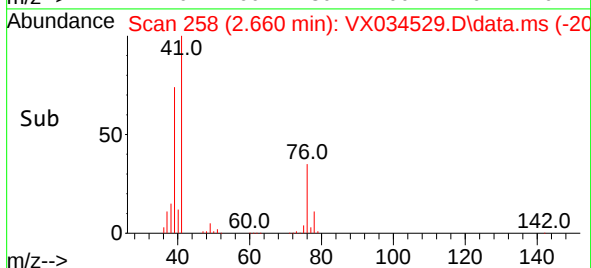
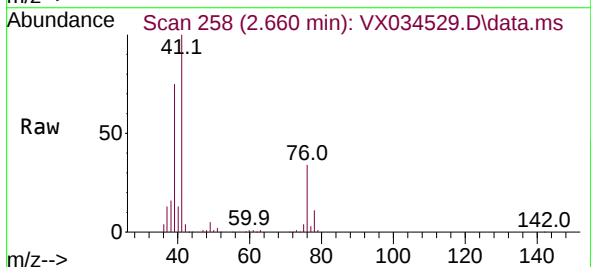
Manual Integrations
APPROVED

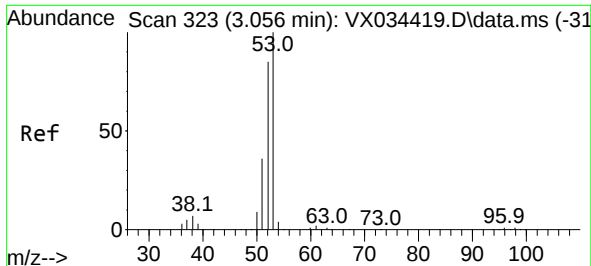
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#14
Allyl chloride
Concen: 46.491 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

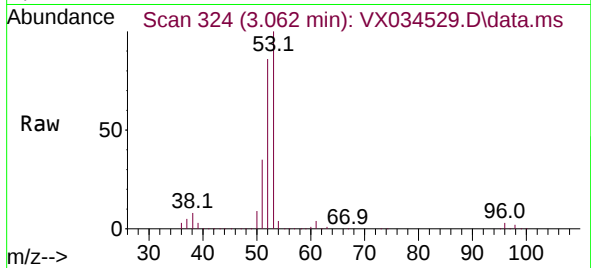
Tgt Ion: 41 Resp: 275057
Ion Ratio Lower Upper
41 100
39 69.4 52.4 78.6
76 31.1 26.0 39.0





#15
Acrylonitrile
Concen: 257.307 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

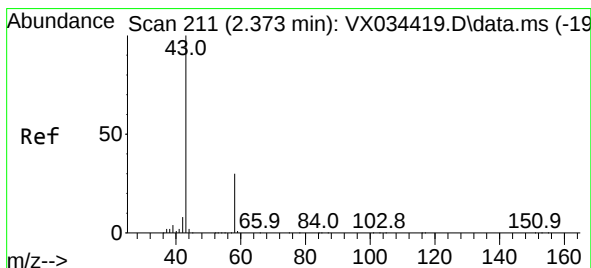
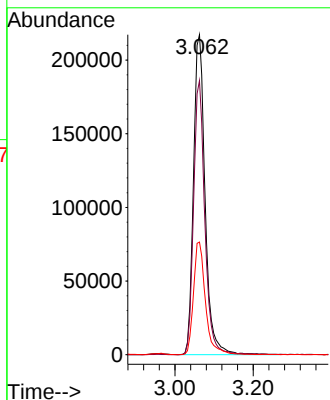
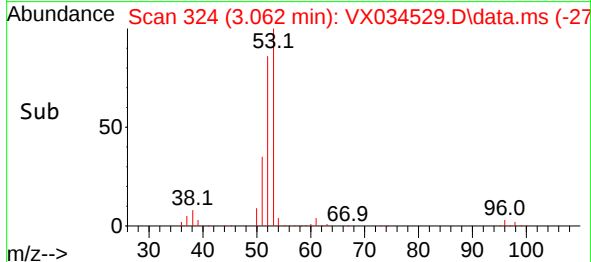
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMSD



Tgt Ion: 53 Resp: 448870
Ion Ratio Lower Upper
53 100
52 82.8 66.2 99.2
51 36.3 28.3 42.5

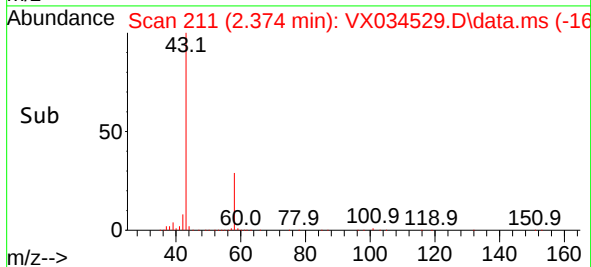
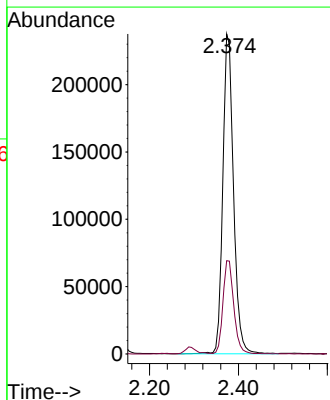
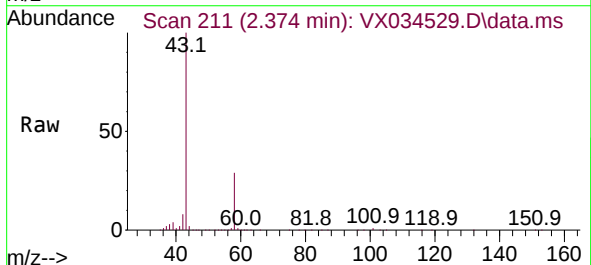
Manual Integrations
APPROVED

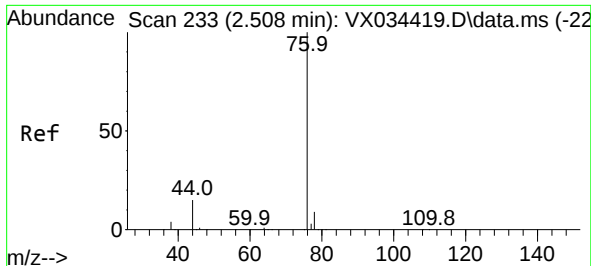
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#16
Acetone
Concen: 216.586 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

Tgt Ion: 43 Resp: 395651
Ion Ratio Lower Upper
43 100
58 29.1 24.7 37.1





#17

Carbon Disulfide

Concen: 42.662 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX034529.D

Acq: 15 Mar 2023 23:25

Instrument :

MSVOA_X

ClientSampleId :

DS-02-031023-AMMSD

Tgt Ion: 76 Resp: 35035

Ion Ratio Lower Upper

76 100

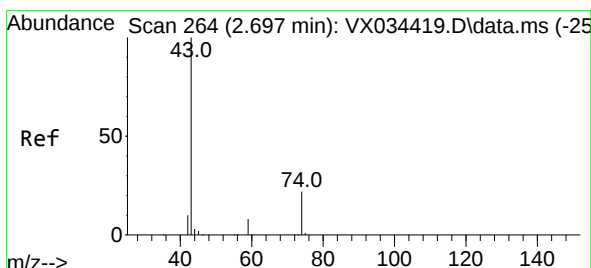
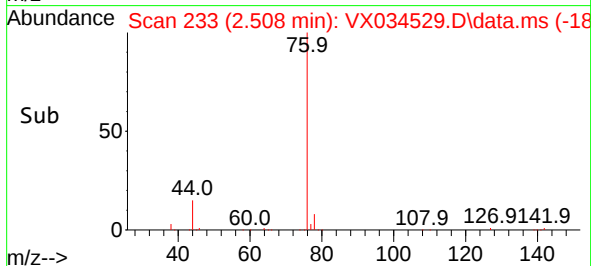
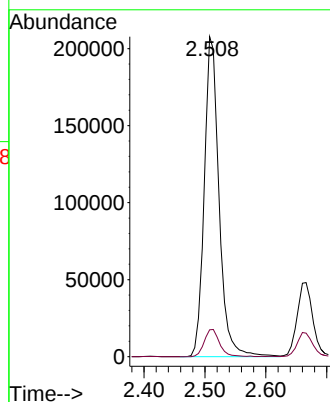
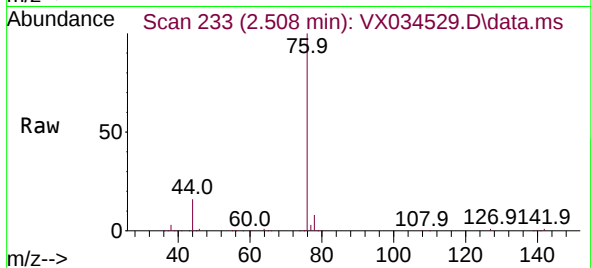
78 8.4 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#18

Methyl Acetate

Concen: 43.943 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX034529.D

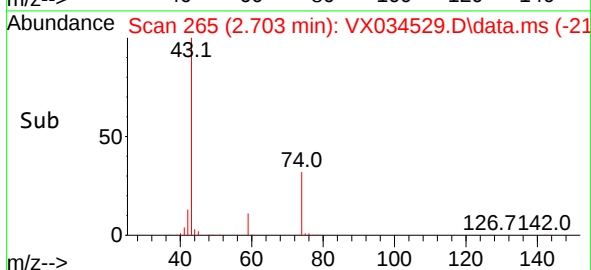
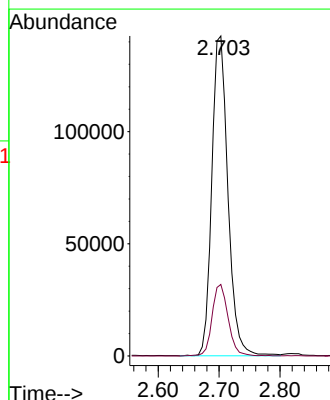
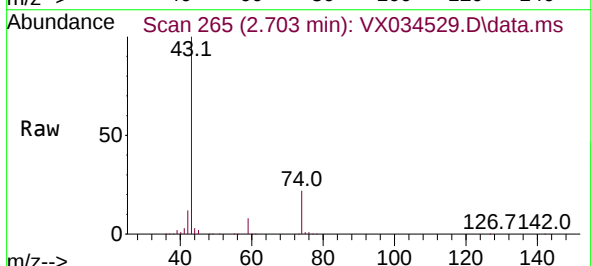
Acq: 15 Mar 2023 23:25

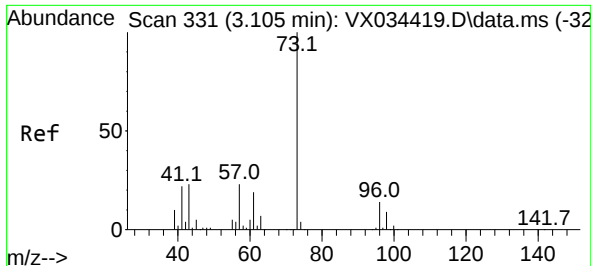
Tgt Ion: 43 Resp: 262297

Ion Ratio Lower Upper

43 100

74 22.2 18.3 27.5





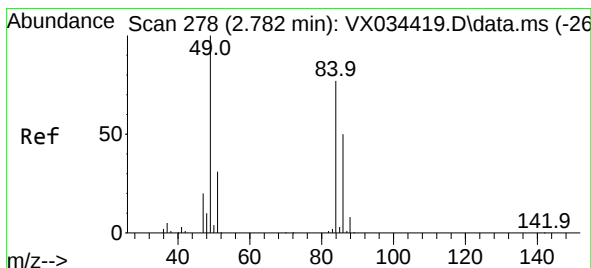
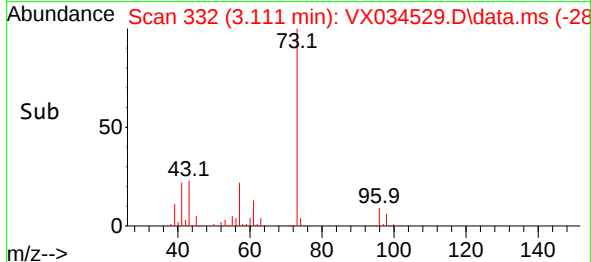
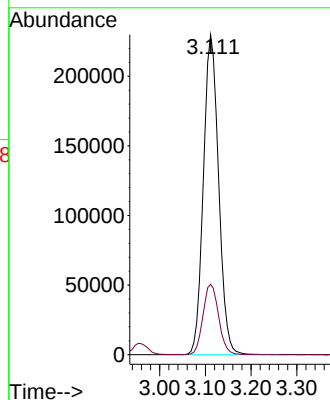
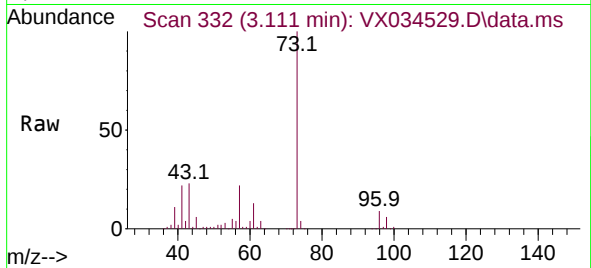
#19
Methyl tert-butyl Ether
Concen: 50.808 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMSD

Tgt Ion: 73 Resp: 530870
Ion Ratio Lower Upper
73 100
57 22.0 18.5 27.7

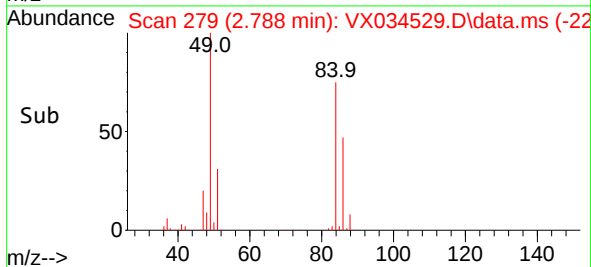
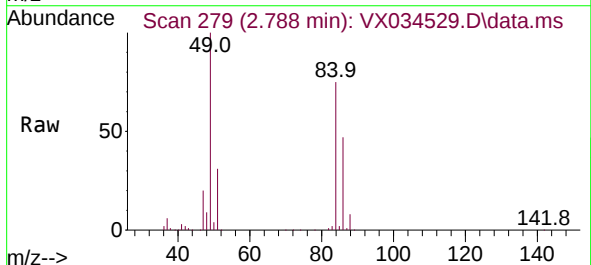
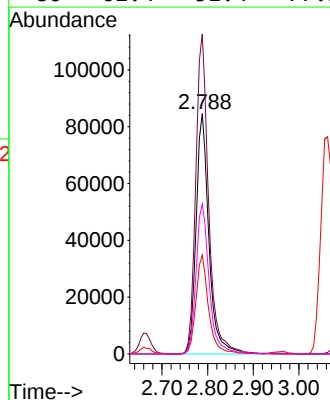
Manual Integrations
APPROVED

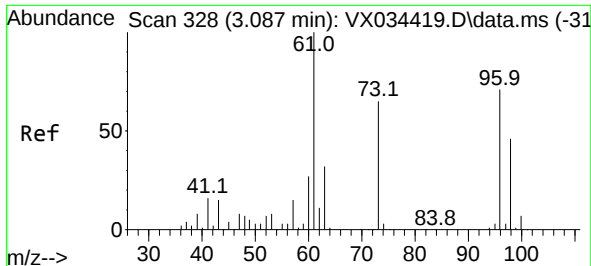
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#20
Methylene Chloride
Concen: 46.376 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

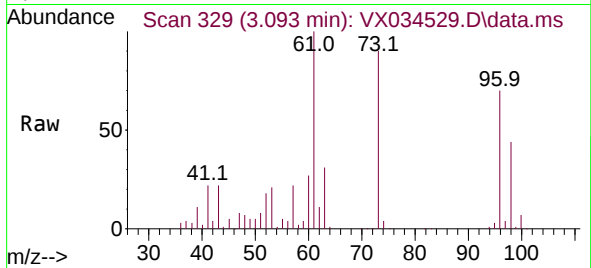
Tgt Ion: 84 Resp: 164420
Ion Ratio Lower Upper
84 100
49 133.1 103.8 155.8
51 41.2 31.8 47.8
86 62.4 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 48.972 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

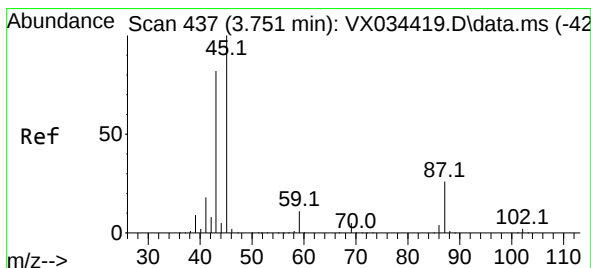
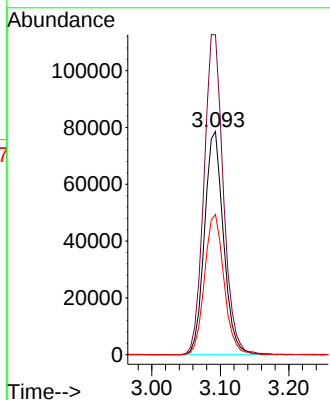
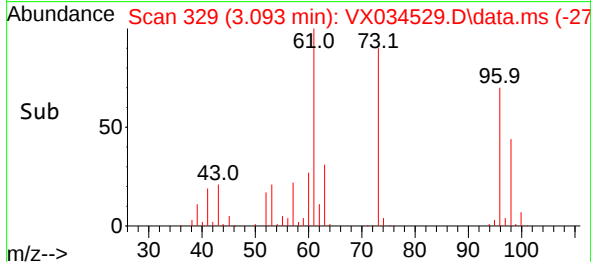
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMSD



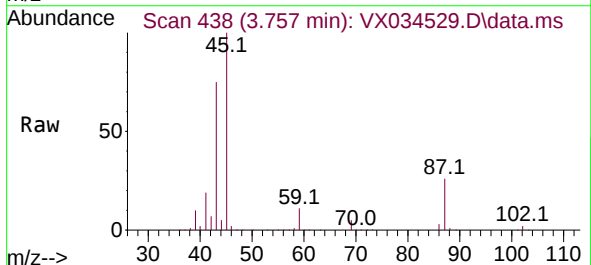
Tgt Ion: 96 Resp: 151772
Ion Ratio Lower Upper
96 100
61 143.3 113.0 169.6
98 62.8 52.1 78.1

Manual Integrations
APPROVED

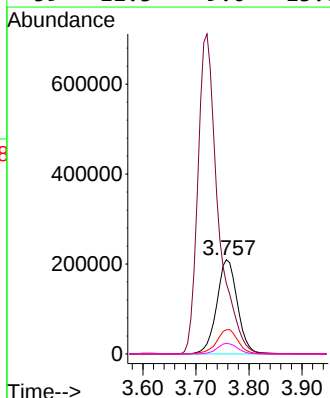
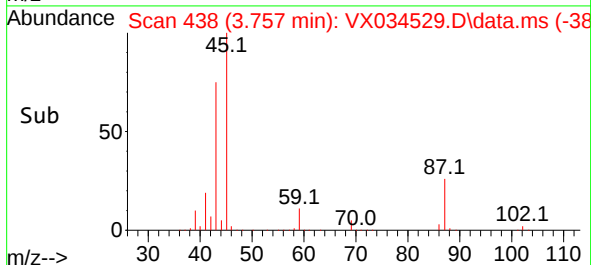
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

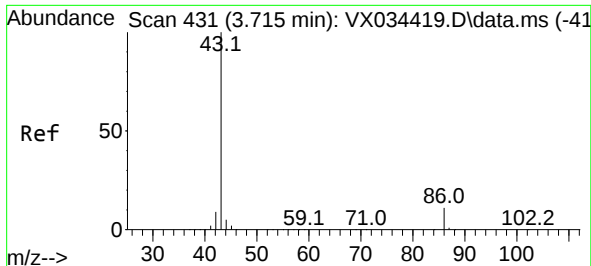


#22
Diisopropyl ether
Concen: 50.254 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25



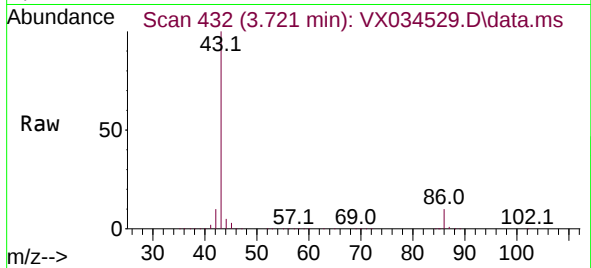
Tgt Ion: 45 Resp: 566875
Ion Ratio Lower Upper
45 100
43 74.7 65.4 98.2
87 25.6 20.6 31.0
59 11.3 9.0 13.6





#23
 Vinyl Acetate
 Concen: 219.917 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX034529.D
 Acq: 15 Mar 2023 23:25

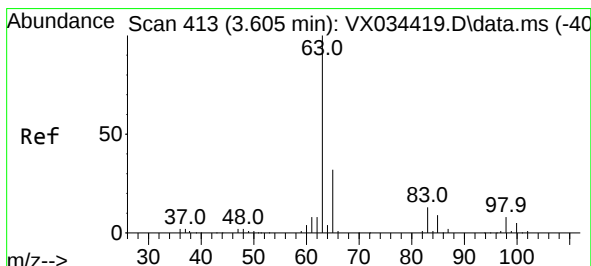
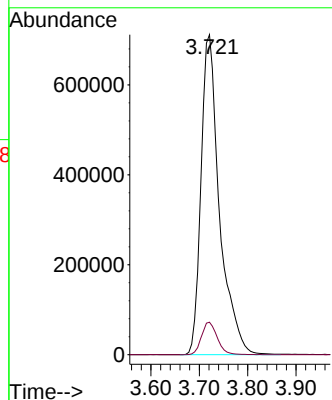
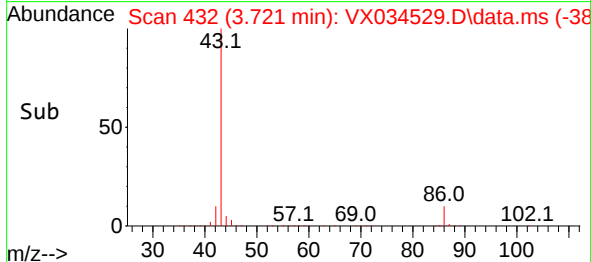
Instrument :
 MSVOA_X
 ClientSampleId :
 DS-02-031023-AMMSD



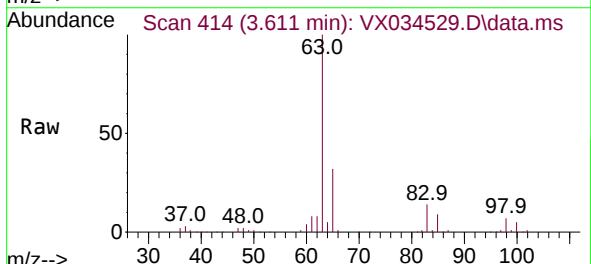
Tgt Ion: 43 Resp: 1887964
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.5 12.7

Manual Integrations
 APPROVED

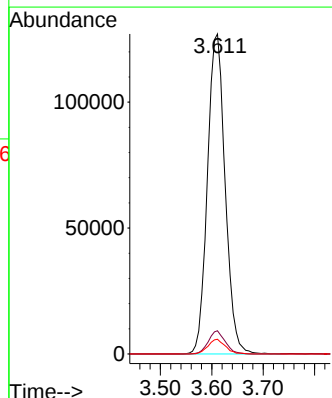
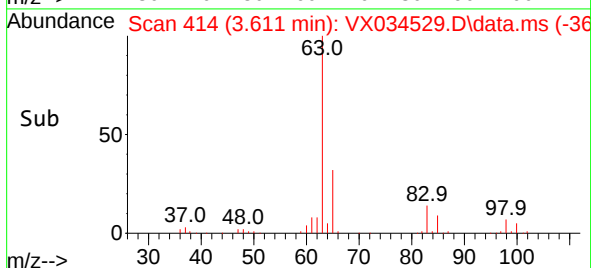
Reviewed By :John Carlone 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023

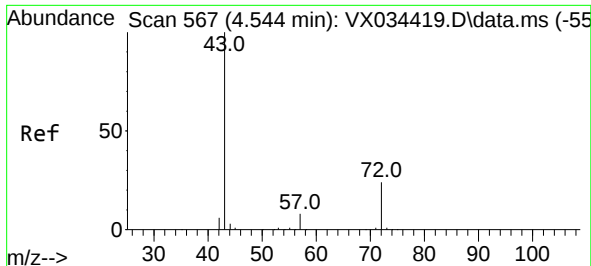


#24
 1,1-Dichloroethane
 Concen: 50.127 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX034529.D
 Acq: 15 Mar 2023 23:25



Tgt Ion: 63 Resp: 303953
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.2
 100 4.6 2.4 7.1





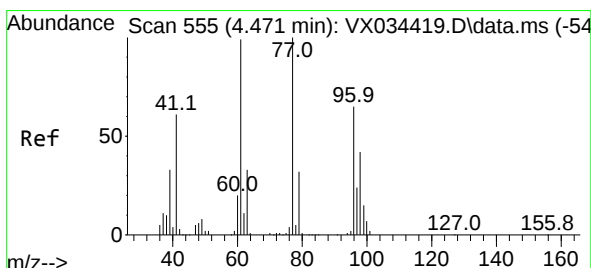
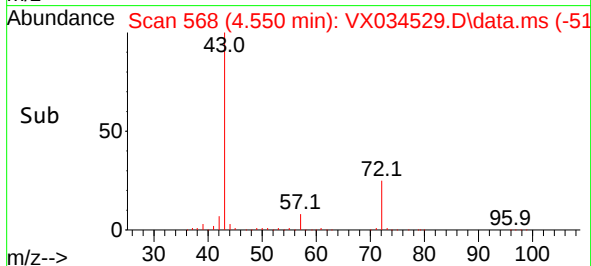
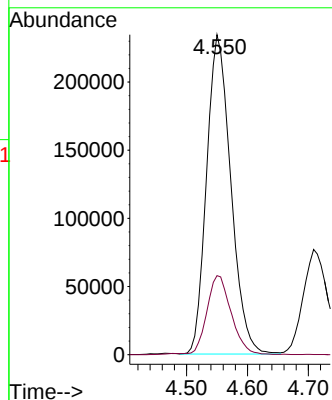
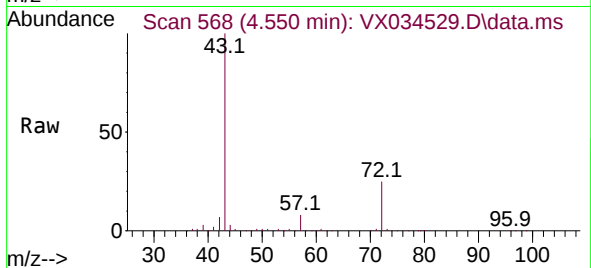
#25
2-Butanone
Concen: 247.658 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMSD

Tgt Ion: 43 Resp: 64734
Ion Ratio Lower Upper
43 100
72 24.6 19.3 28.9

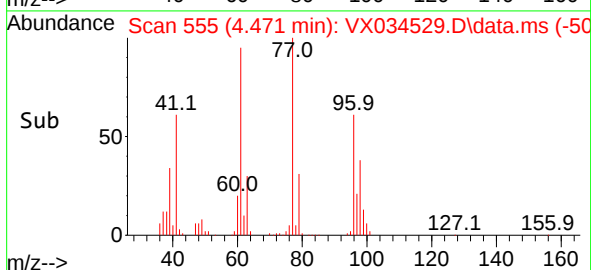
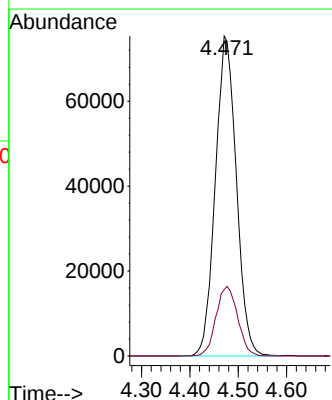
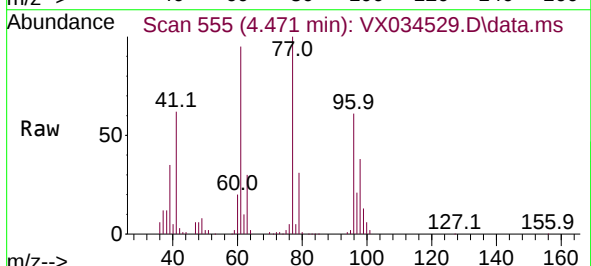
Manual Integrations
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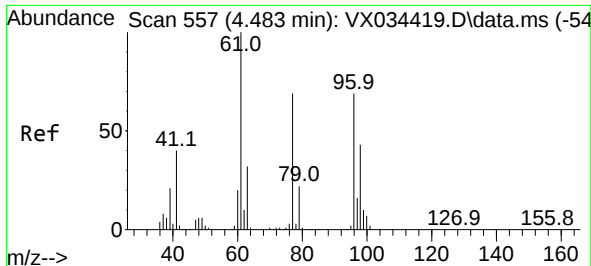
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#26
2,2-Dichloropropane
Concen: 43.123 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

Tgt Ion: 77 Resp: 227290
Ion Ratio Lower Upper
77 100
97 22.3 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 49.636 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX034529.D

Acq: 15 Mar 2023 23:25

Instrument :

MSVOA_X

ClientSampleId :

DS-02-031023-AMMSD

Tgt Ion: 96 Resp: 18518

Ion Ratio Lower Upper

96 100

61 150.8 0.0 300.4

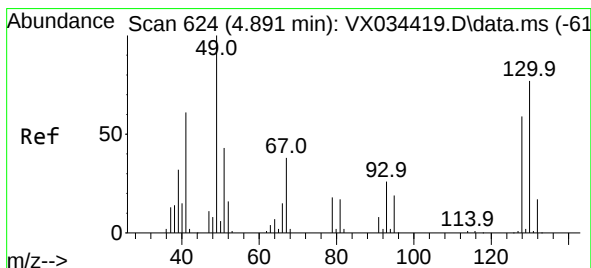
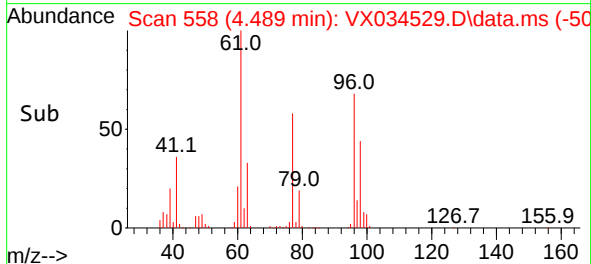
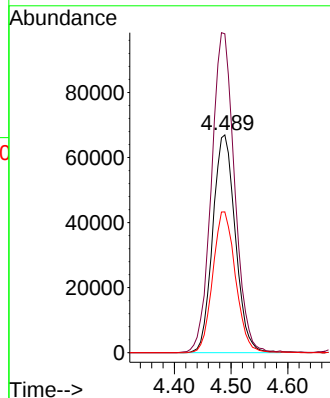
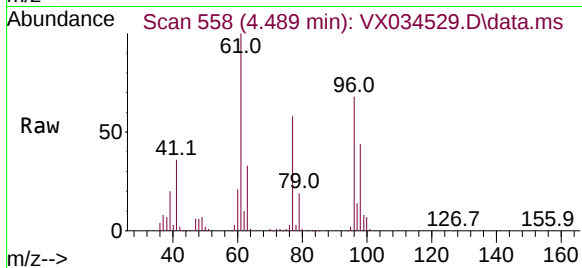
98 65.1 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#28

Bromochloromethane

Concen: 52.499 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX034529.D

Acq: 15 Mar 2023 23:25

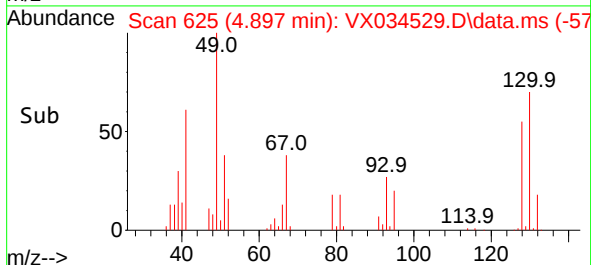
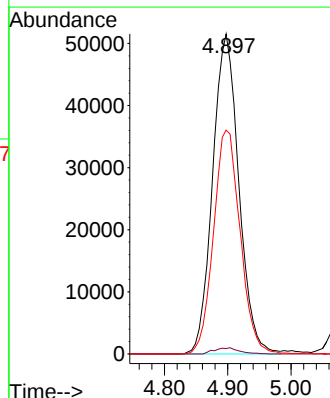
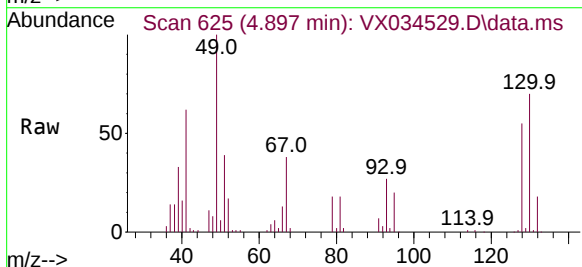
Tgt Ion: 49 Resp: 148016

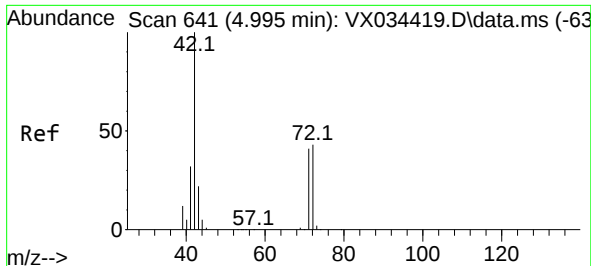
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.0

130 71.2 58.2 87.2





#29

Tetrahydrofuran

Concen: 259.484 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX034529.D

Acq: 15 Mar 2023 23:25

Instrument :

MSVOA_X

ClientSampleId :

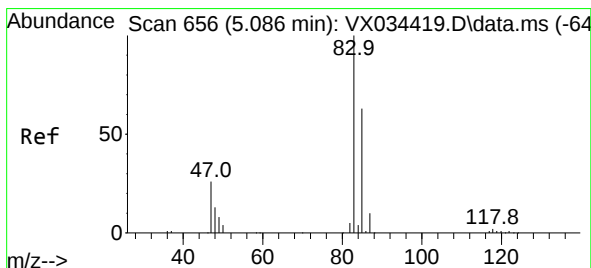
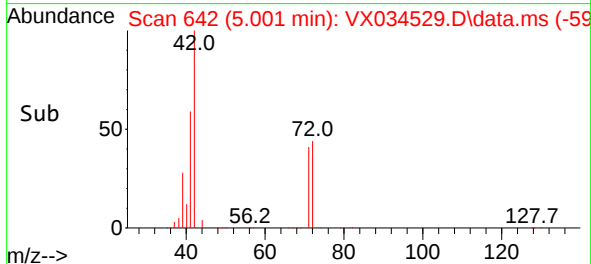
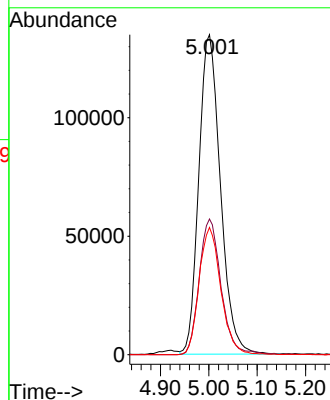
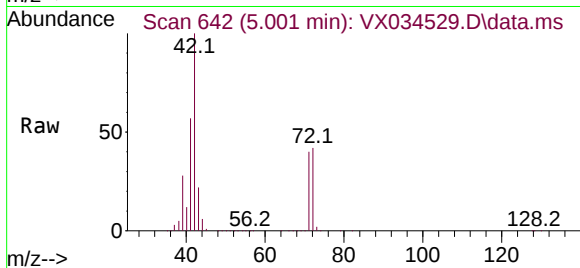
DS-02-031023-AMMSD

Tgt Ion: 42 Resp: 418520
 Ion Ratio Lower Upper
 42 100
 72 43.0 34.5 51.7
 71 40.1 32.1 48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023



#30

Chloroform

Concen: 53.178 ug/l

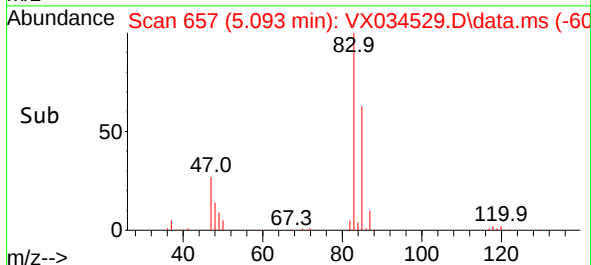
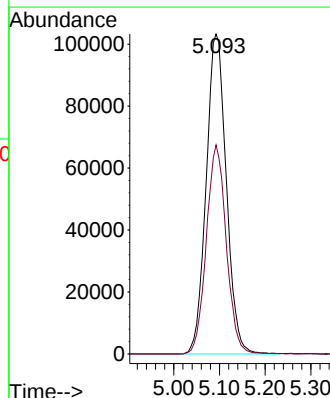
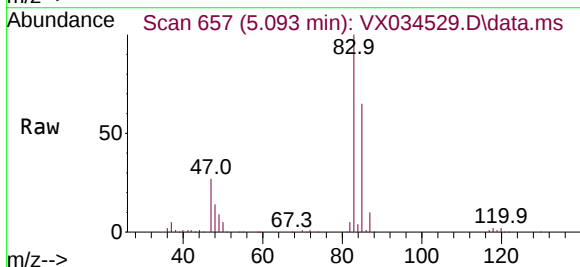
RT: 5.093 min Scan# 657

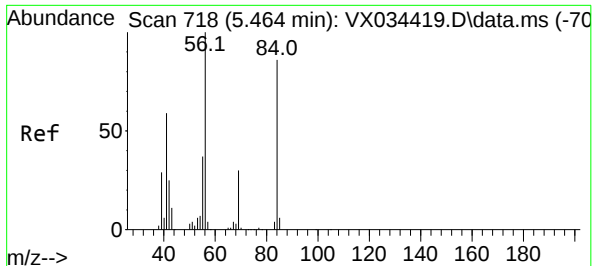
Delta R.T. 0.006 min

Lab File: VX034529.D

Acq: 15 Mar 2023 23:25

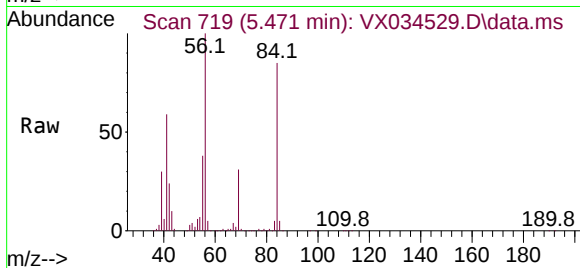
Tgt Ion: 83 Resp: 316082
 Ion Ratio Lower Upper
 83 100
 85 65.3 50.6 76.0





#31
Cyclohexane
Concen: 48.395 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

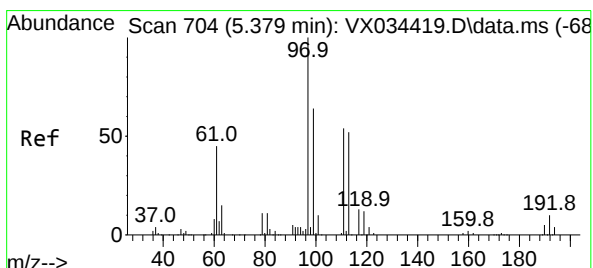
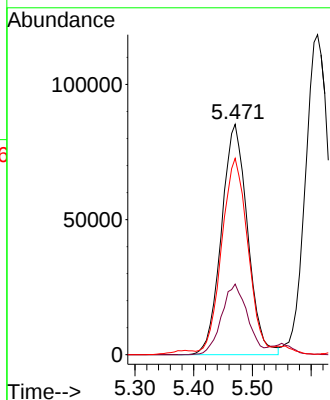
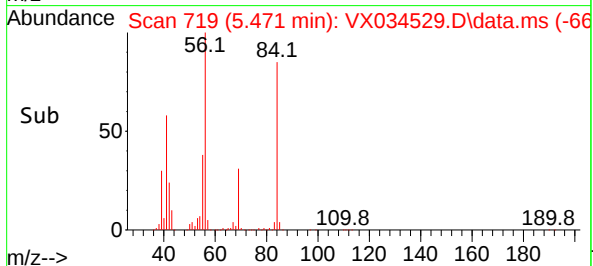
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMSD



Tgt Ion: 56 Resp: 263209
Ion Ratio Lower Upper
56 100
69 30.7 23.7 35.5
84 83.5 68.5 102.7

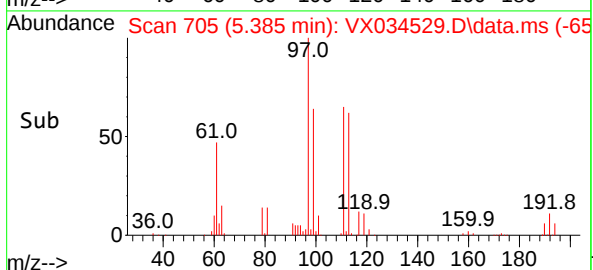
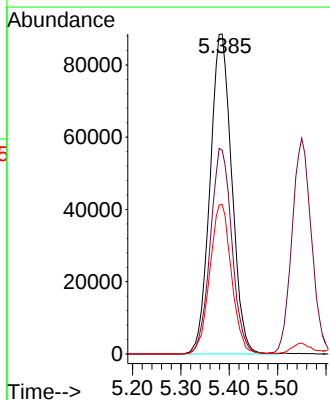
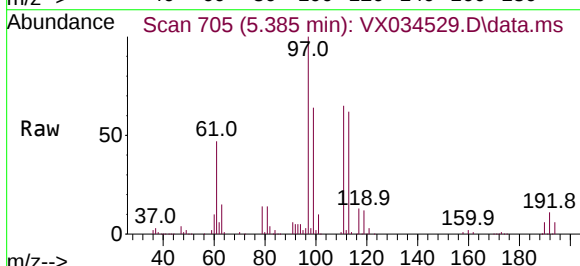
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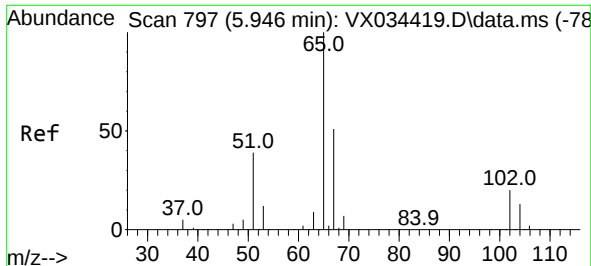
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#32
1,1,1-Trichloroethane
Concen: 52.374 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

Tgt Ion: 97 Resp: 275582
Ion Ratio Lower Upper
97 100
99 63.8 51.1 76.7
61 46.7 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 55.232 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034529.D

Acq: 15 Mar 2023 23:25

Instrument :

MSVOA_X

ClientSampleId :

DS-02-031023-AMMSD

Tgt Ion: 65 Resp: 21419

Ion Ratio Lower Upper

65 100

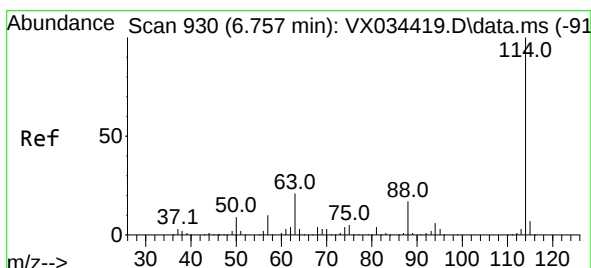
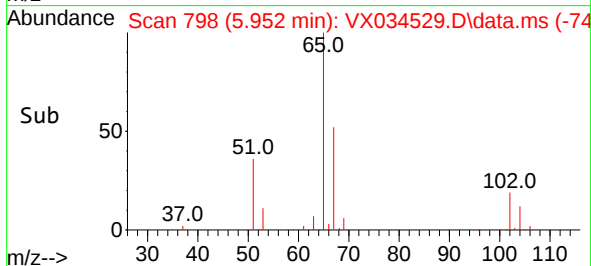
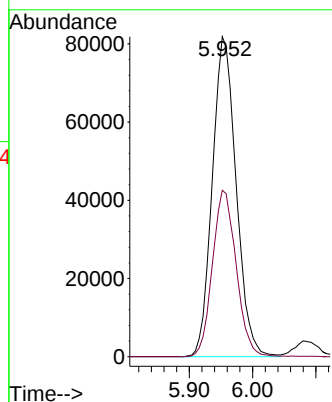
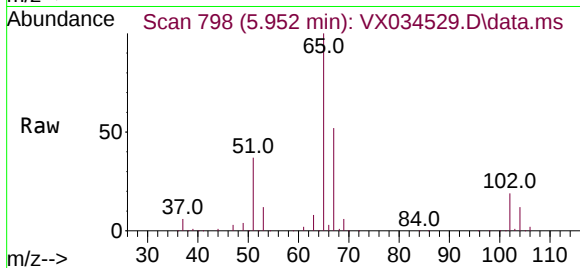
67 51.8 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034529.D

Acq: 15 Mar 2023 23:25

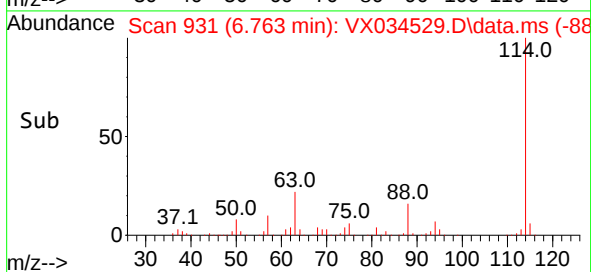
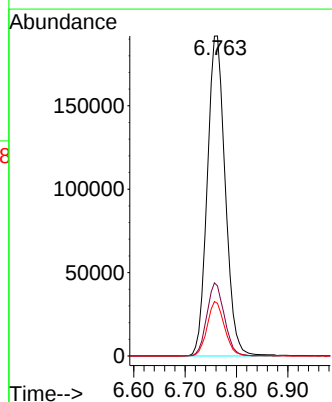
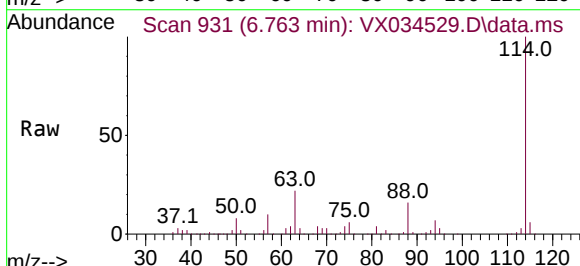
Tgt Ion:114 Resp: 465146

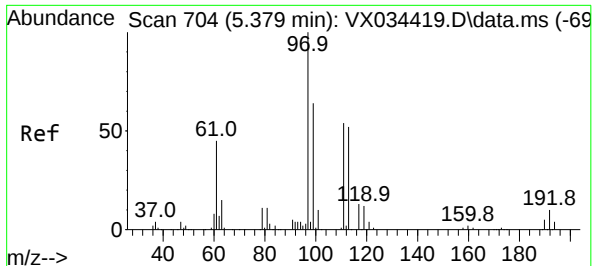
Ion Ratio Lower Upper

114 100

63 21.9 0.0 42.2

88 16.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 52.282 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX034529.D

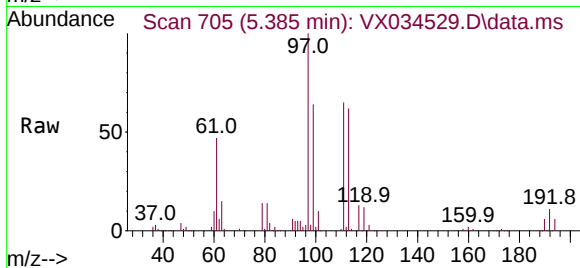
Acq: 15 Mar 2023 23:25

Instrument :

MSVOA_X

ClientSampleId :

DS-02-031023-AMMSD



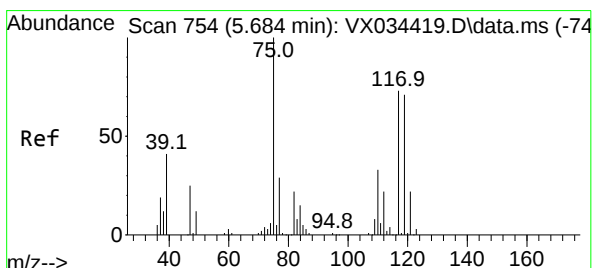
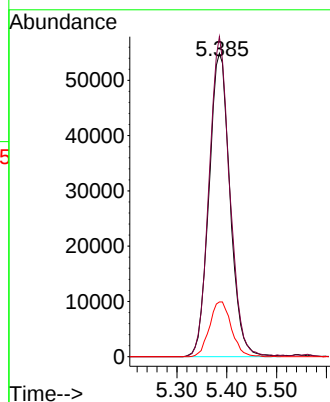
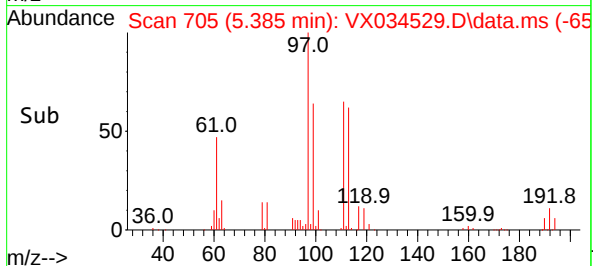
Tgt Ion:	113	Resp:	160564
Ion Ratio	Lower	Upper	
113	100		
111	103.3	83.7	125.5
192	18.8	15.4	23.2

Manual Integrations

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Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#36

1,1-Dichloropropene

Concen: 48.015 ug/l

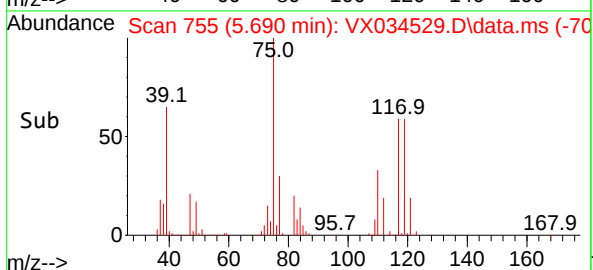
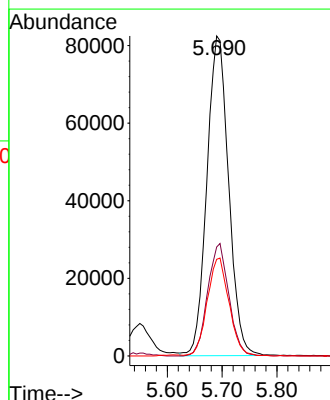
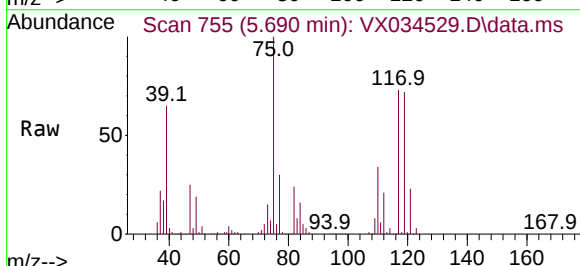
RT: 5.690 min Scan# 755

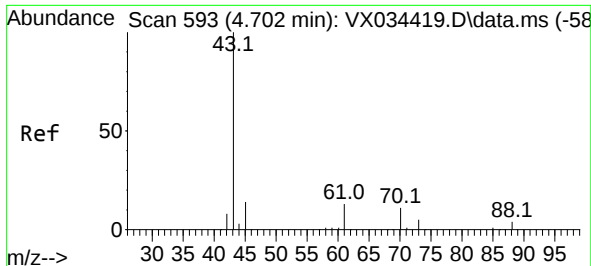
Delta R.T. 0.006 min

Lab File: VX034529.D

Acq: 15 Mar 2023 23:25

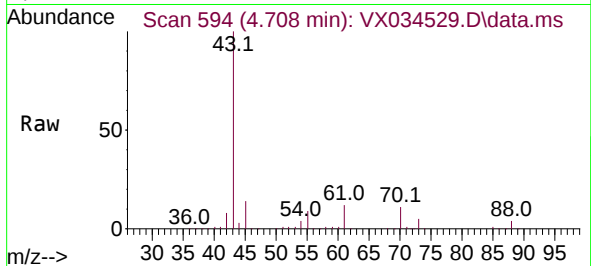
Tgt Ion:	75	Resp:	226489
Ion Ratio	Lower	Upper	
75	100		
110	34.4	17.5	52.5
77	30.3	24.3	36.5





#37
Ethyl Acetate
Concen: 42.193 ug/l
RT: 4.708 min Scan# 593
Delta R.T. 0.006 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

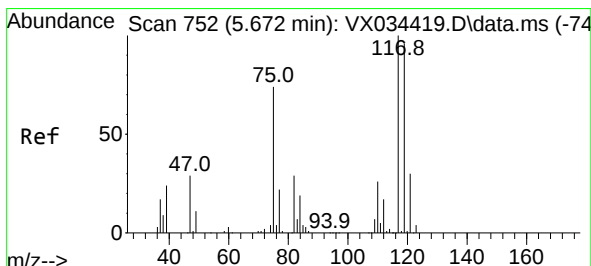
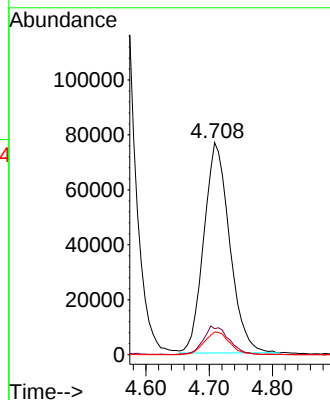
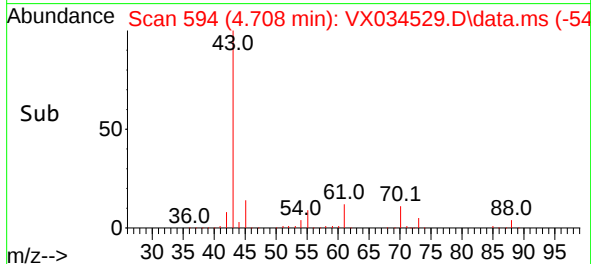
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMSD



Tgt Ion: 43 Resp: 217430
Ion Ratio Lower Upper
43 100
61 13.2 10.2 15.4
70 10.6 8.2 12.4

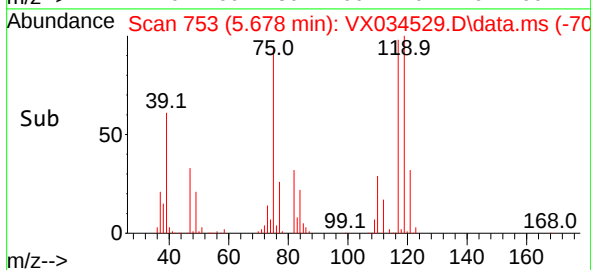
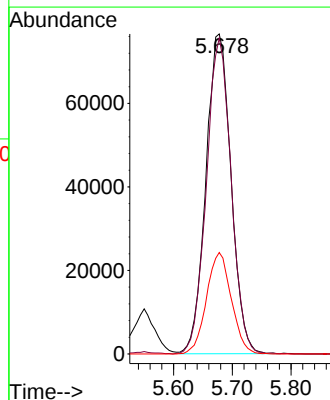
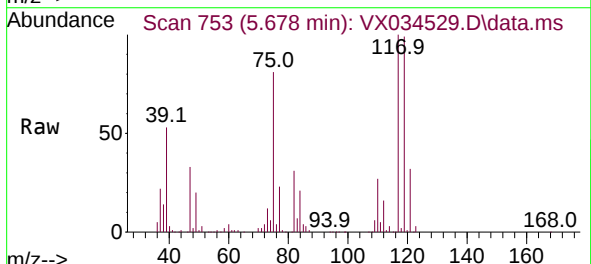
Manual Integrations
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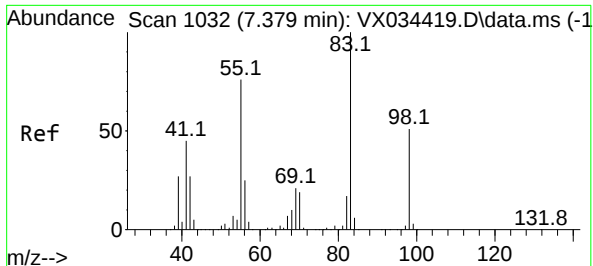
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#38
Carbon Tetrachloride
Concen: 48.564 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

Tgt Ion:117 Resp: 227890
Ion Ratio Lower Upper
117 100
119 98.7 76.6 114.8
121 31.7 23.8 35.6





#39

Methylcyclohexane

Concen: 46.374 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034529.D

Acq: 15 Mar 2023 23:25

Instrument :

MSVOA_X

ClientSampleId :

DS-02-031023-AMMSD

Tgt Ion: 83 Resp: 26178

Ion Ratio Lower Upper

83 100

55 80.3 60.5 90.7

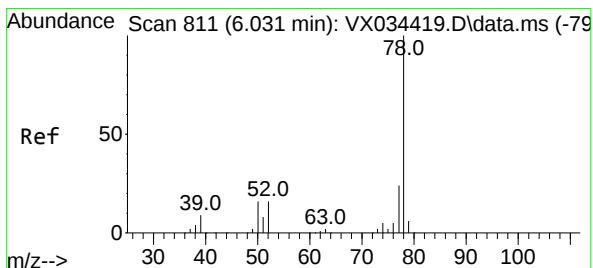
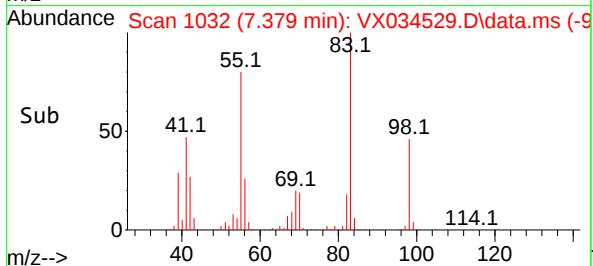
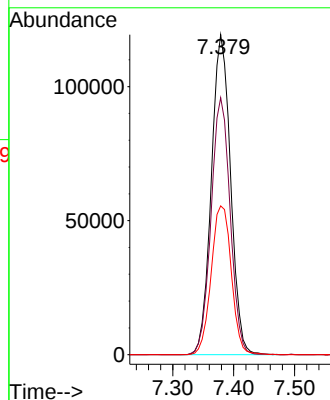
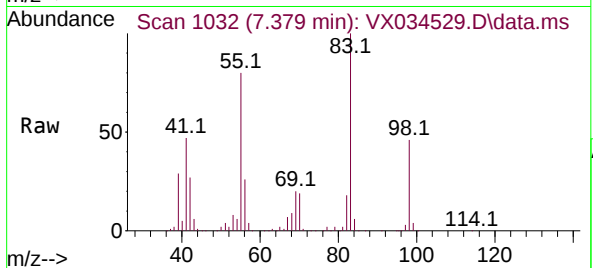
98 46.5 40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#40

Benzene

Concen: 47.839 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX034529.D

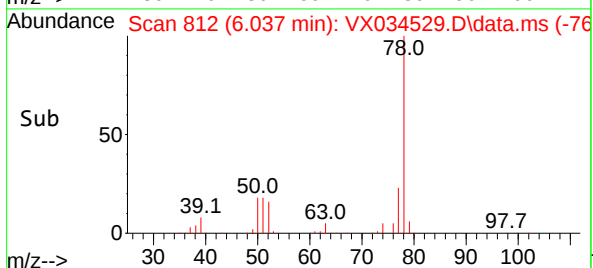
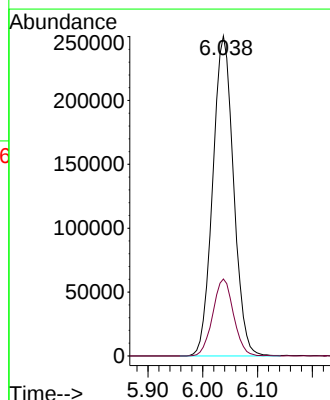
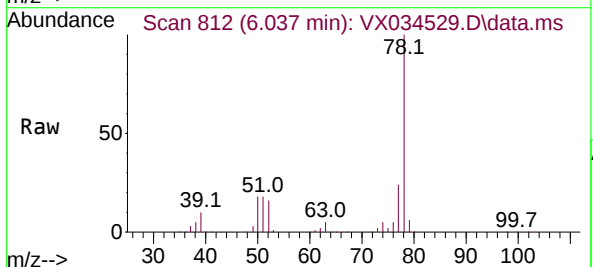
Acq: 15 Mar 2023 23:25

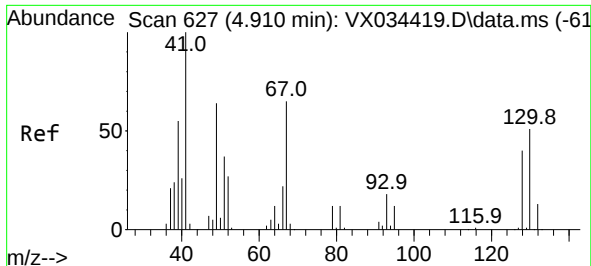
Tgt Ion: 78 Resp: 660138

Ion Ratio Lower Upper

78 100

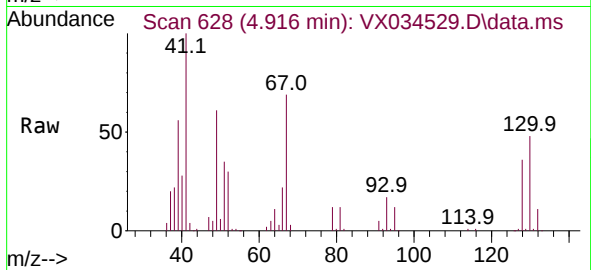
77 24.0 19.0 28.4





#41
Methacrylonitrile
Concen: 51.681 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

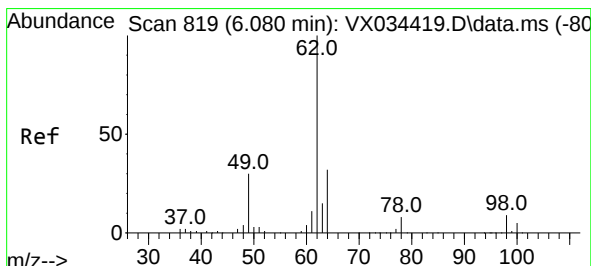
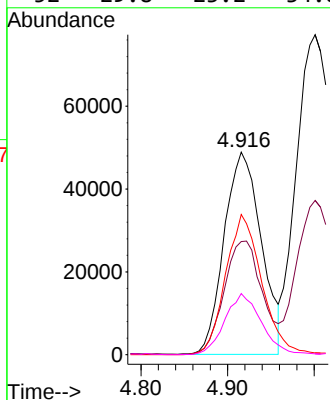
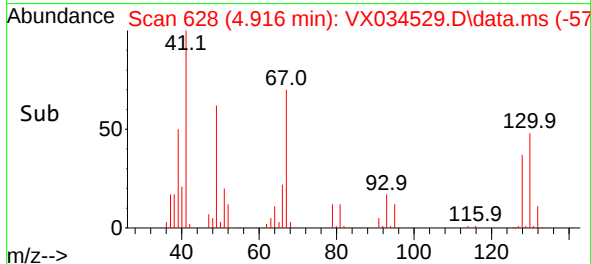
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMSD



Tgt Ion: 41 Resp: 145958
Ion Ratio Lower Upper
41 100
39 57.6 45.0 67.6
67 67.6 55.6 83.4
52 29.8 23.2 34.8

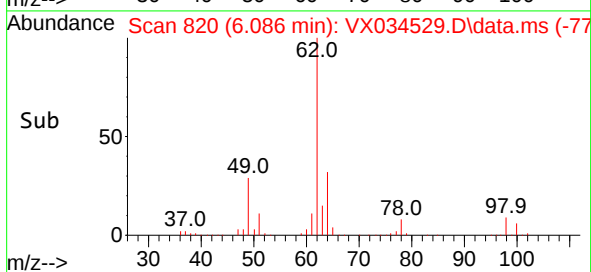
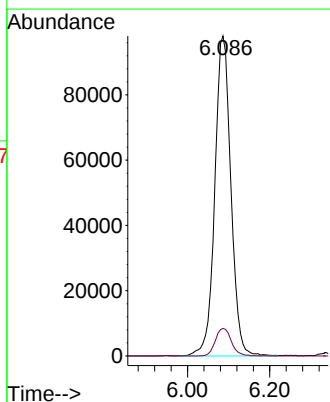
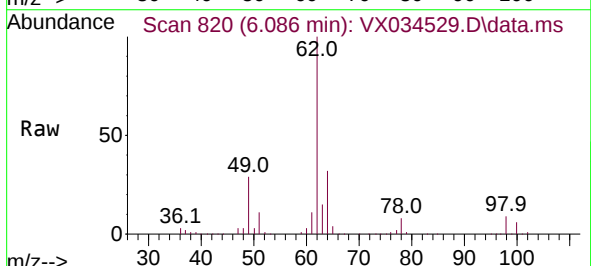
Manual Integrations
APPROVED

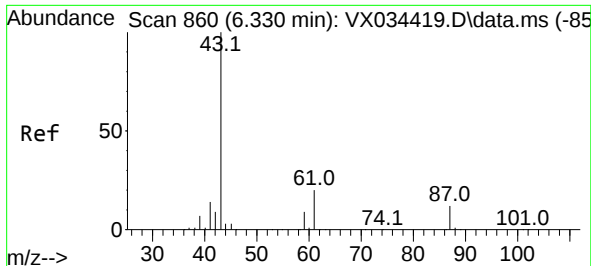
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#42
1,2-Dichloroethane
Concen: 52.641 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

Tgt Ion: 62 Resp: 266964
Ion Ratio Lower Upper
62 100
98 8.6 0.0 18.0





#43

Isopropyl Acetate

Concen: 46.488 ug/l

RT: 6.336 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX034529.D

Acq: 15 Mar 2023 23:25

Instrument :

MSVOA_X

ClientSampleId :

DS-02-031023-AMMSD

Tgt Ion: 43 Resp: 405838

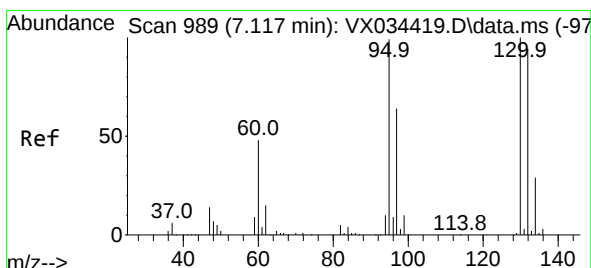
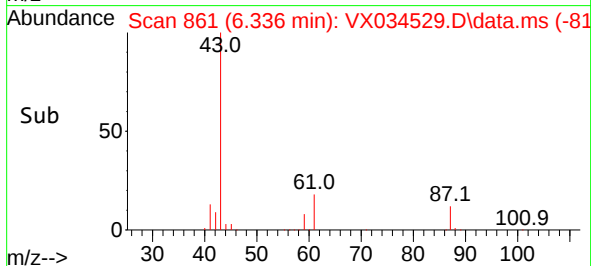
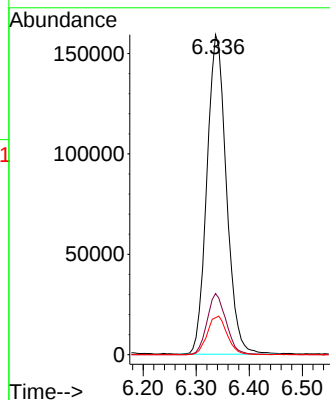
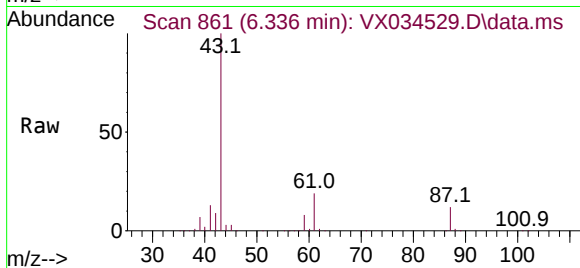
Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.2	22.8
87	12.3	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#44

Trichloroethene

Concen: 46.363 ug/l

RT: 7.123 min Scan# 990

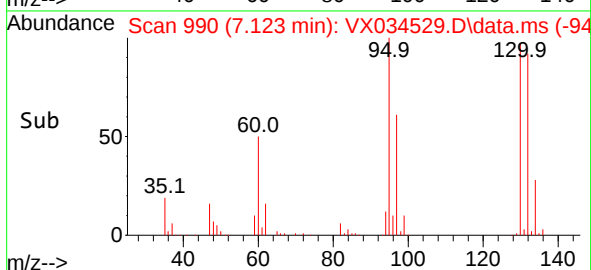
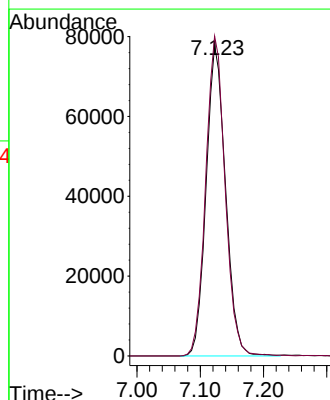
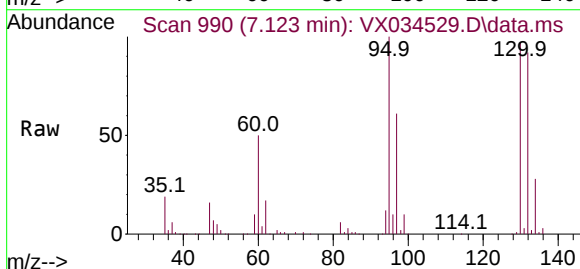
Delta R.T. 0.006 min

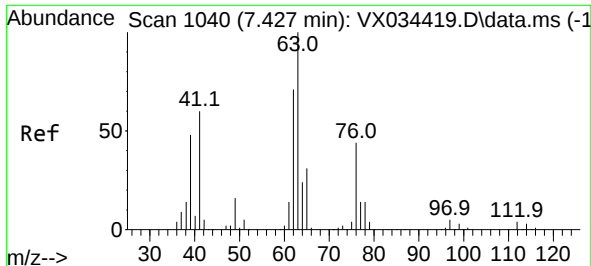
Lab File: VX034529.D

Acq: 15 Mar 2023 23:25

Tgt Ion:130 Resp: 166230

Ion	Ratio	Lower	Upper
130	100		
95	103.0	0.0	198.4





#45

1,2-Dichloropropane

Concen: 49.262 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034529.D

Acq: 15 Mar 2023 23:25

Instrument :

MSVOA_X

ClientSampleId :

DS-02-031023-AMMSD

Tgt Ion: 63 Resp: 177492

Ion Ratio Lower Upper

63 100

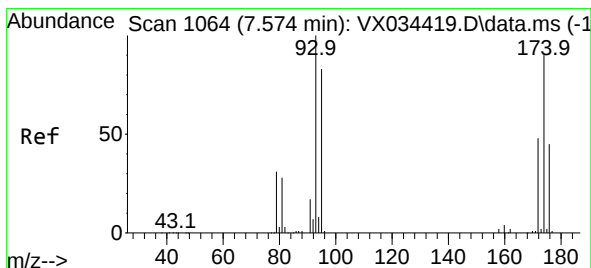
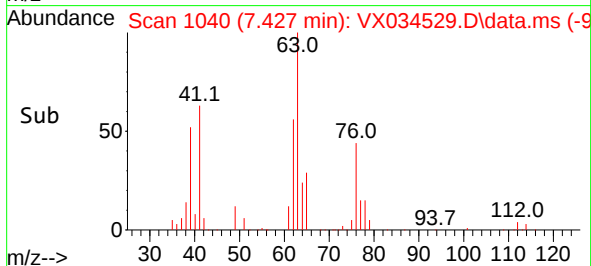
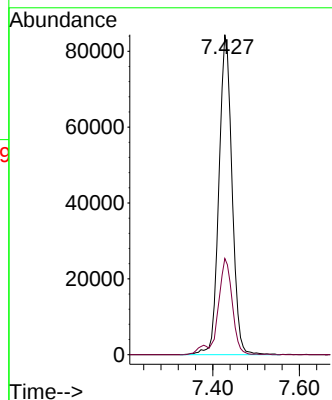
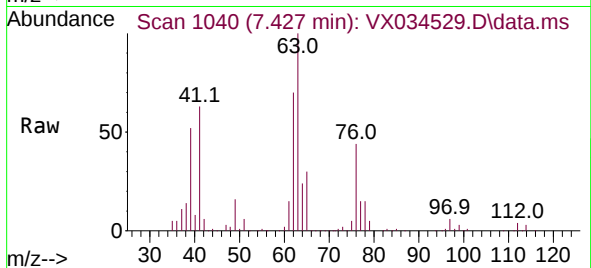
65 30.0 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#46

Dibromomethane

Concen: 49.395 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX034529.D

Acq: 15 Mar 2023 23:25

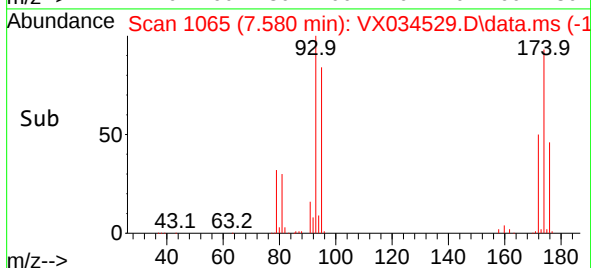
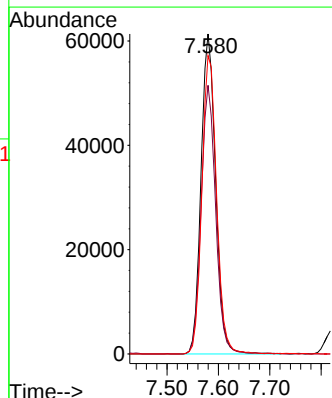
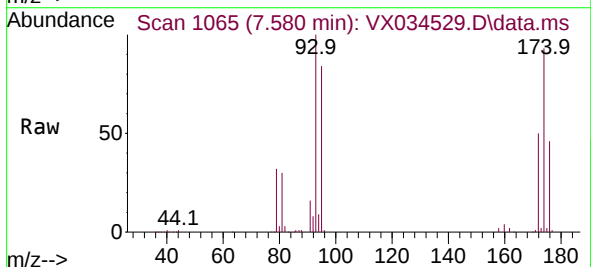
Tgt Ion: 93 Resp: 120995

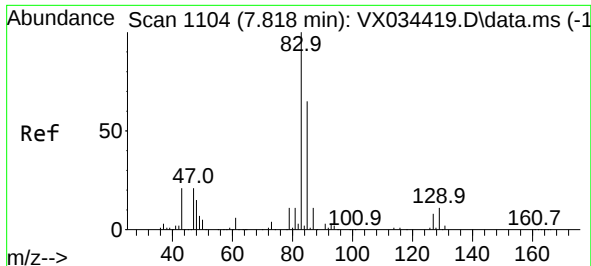
Ion Ratio Lower Upper

93 100

95 83.4 66.9 100.3

174 93.9 75.4 113.0





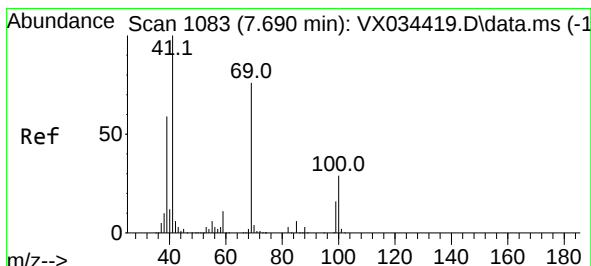
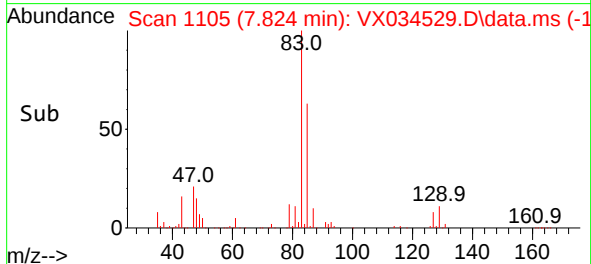
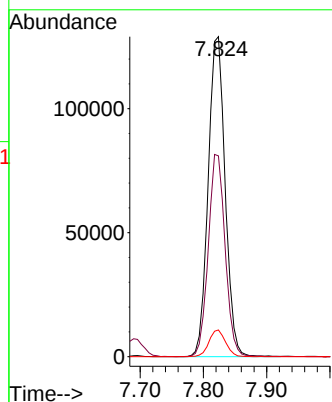
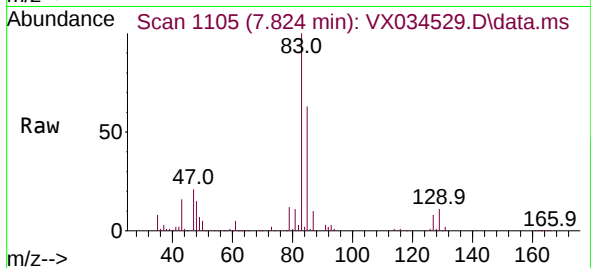
#47
Bromodichloromethane
Concen: 50.840 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMSD

Tgt Ion: 83 Resp: 24102
Ion Ratio Lower Upper
83 100
85 62.7 52.2 78.4
127 8.4 6.6 9.8

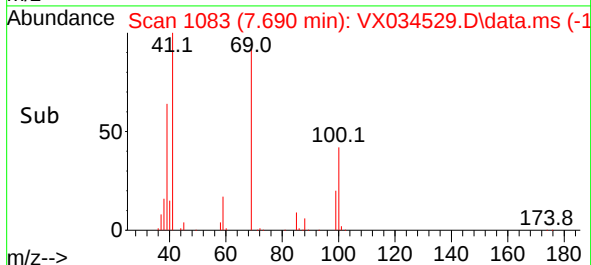
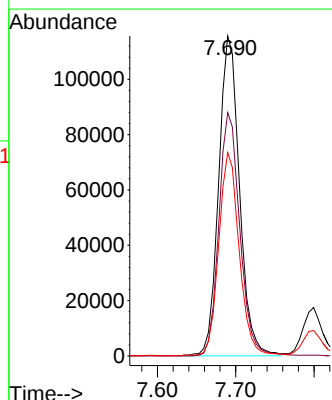
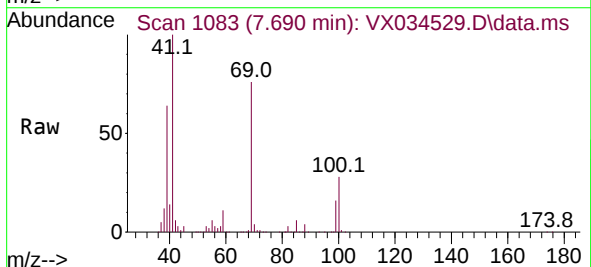
Manual Integrations
APPROVED

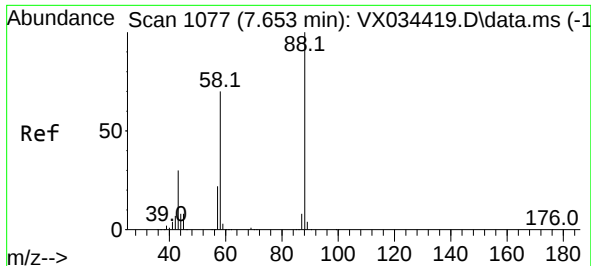
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#48
Methyl methacrylate
Concen: 50.837 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

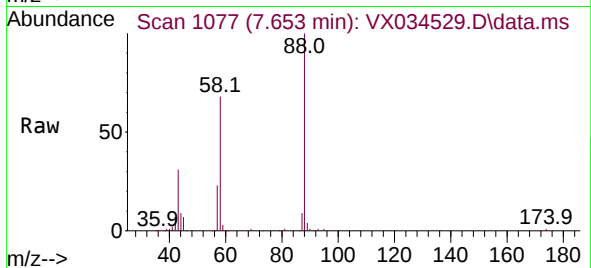
Tgt Ion: 41 Resp: 213445
Ion Ratio Lower Upper
41 100
69 76.7 62.2 93.4
39 62.7 47.7 71.5





#49
1,4-Dioxane
Concen: 914.034 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

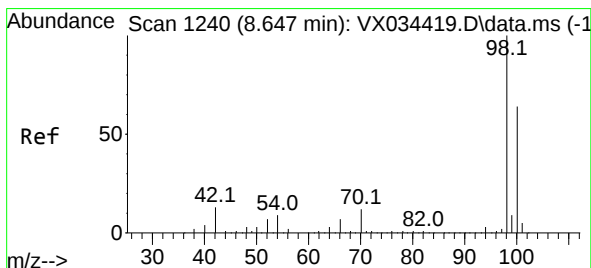
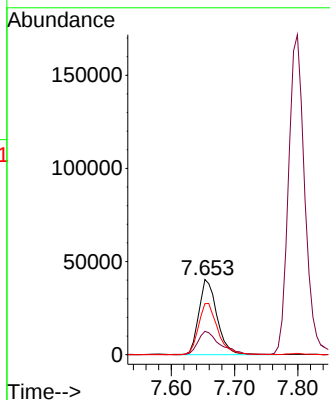
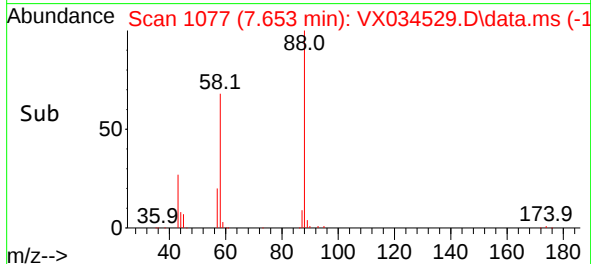
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMSD



Tgt Ion: 88 Resp: 80600
Ion Ratio Lower Upper
88 100
43 37.8 27.7 41.5
58 72.0 56.8 85.2

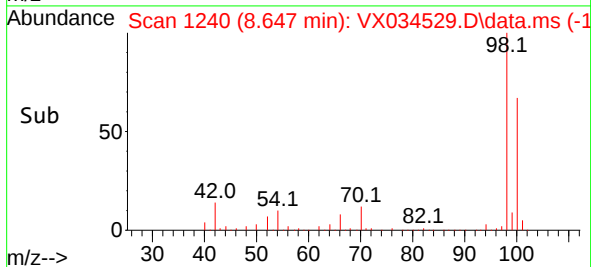
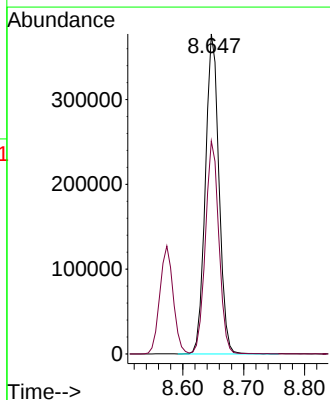
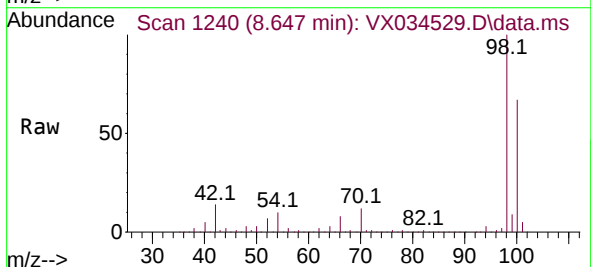
Manual Integrations
APPROVED

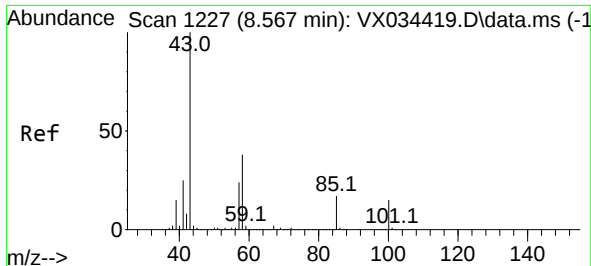
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#50
Toluene-d8
Concen: 51.003 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

Tgt Ion: 98 Resp: 584735
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7





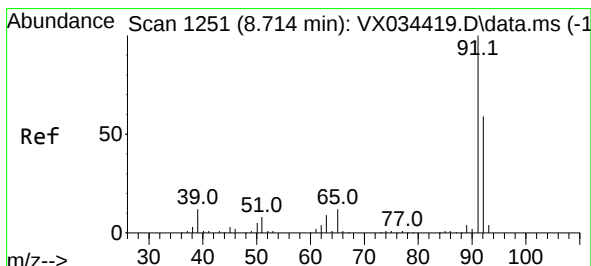
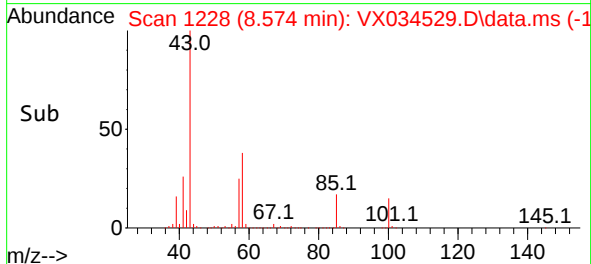
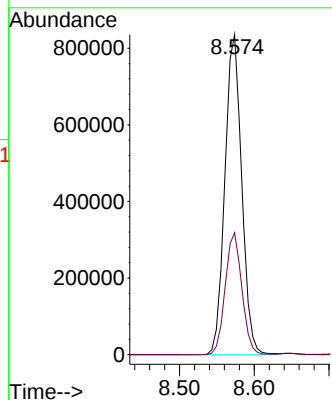
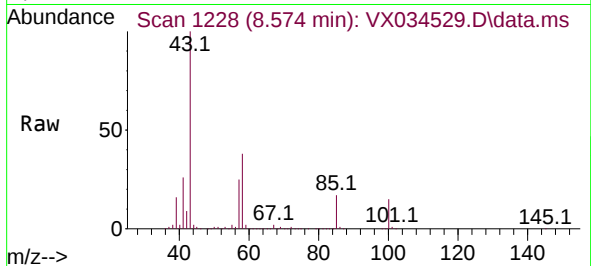
#51
4-Methyl-2-Pentanone
Concen: 258.874 ug/l
RT: 8.574 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMSD

Tgt Ion: 43 Resp: 131101
Ion Ratio Lower Upper
43 100
58 37.7 30.6 46.0

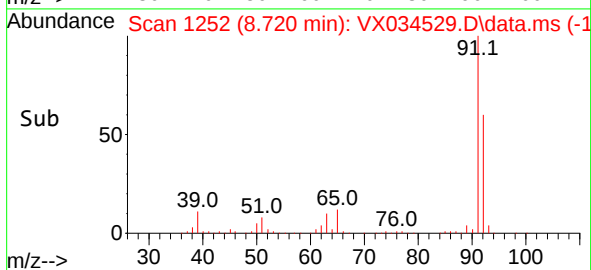
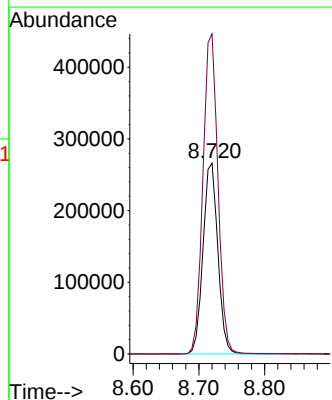
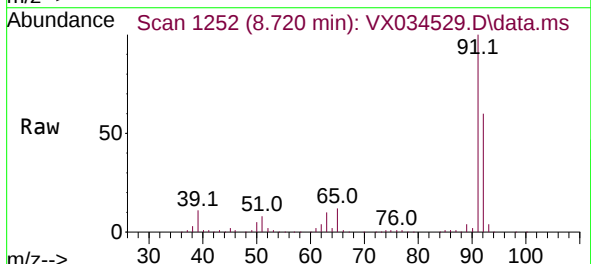
Manual Integrations
APPROVED

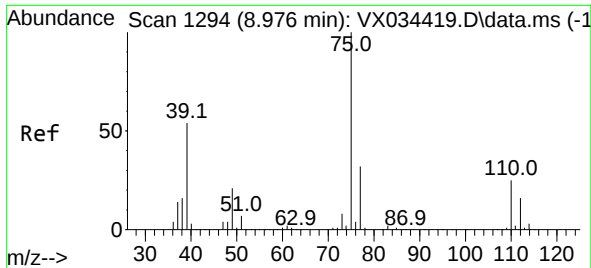
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#52
Toluene
Concen: 48.895 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

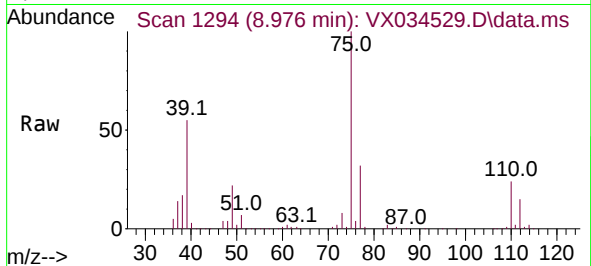
Tgt Ion: 92 Resp: 417718
Ion Ratio Lower Upper
92 100
91 169.7 136.8 205.2





#53
t-1,3-Dichloropropene
Concen: 49.023 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

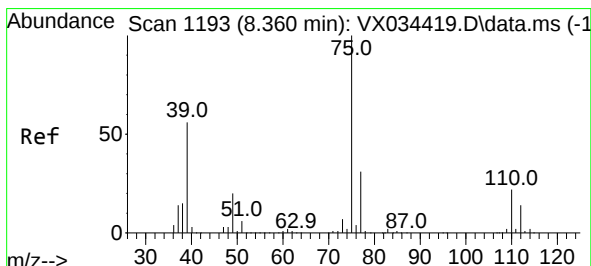
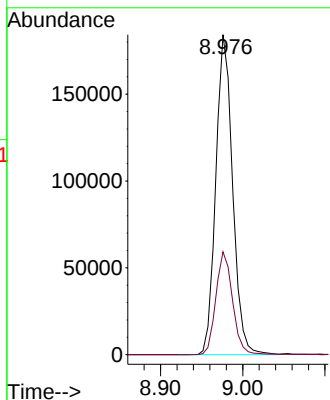
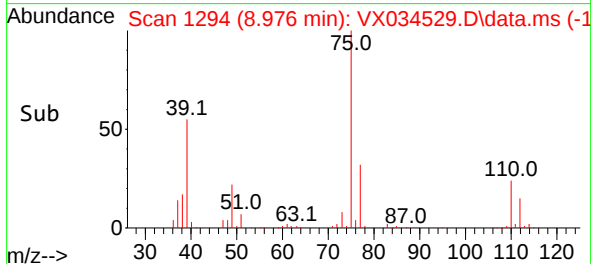
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMSD



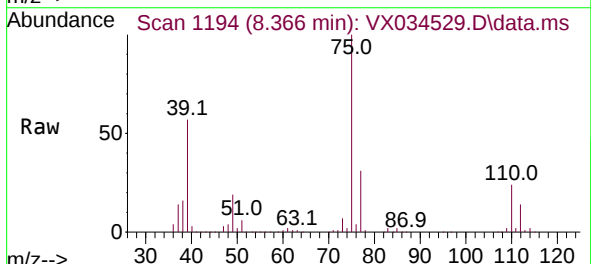
Tgt Ion: 75 Resp: 261829
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.2

Manual Integrations
APPROVED

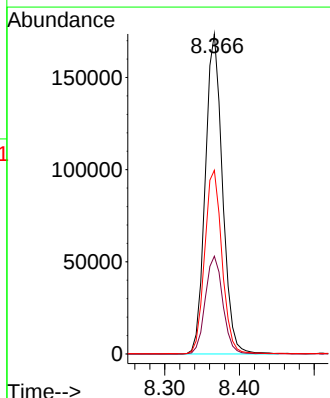
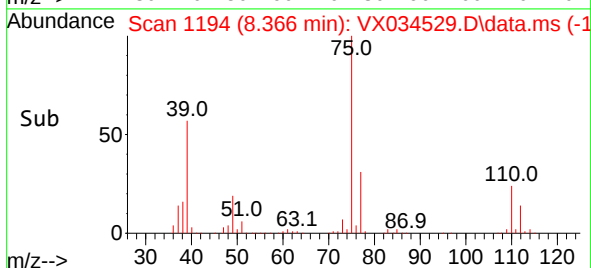
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

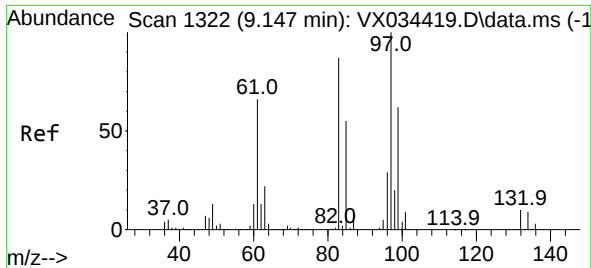


#54
cis-1,3-Dichloropropene
Concen: 48.006 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25



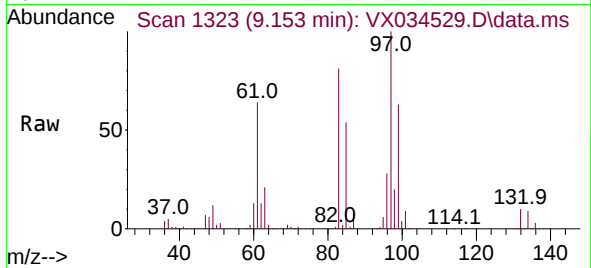
Tgt Ion: 75 Resp: 277394
Ion Ratio Lower Upper
75 100
77 30.5 25.0 37.4
39 57.3 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 50.932 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

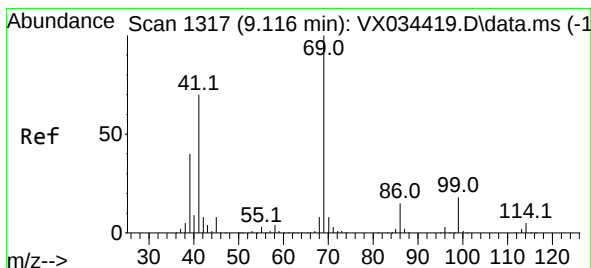
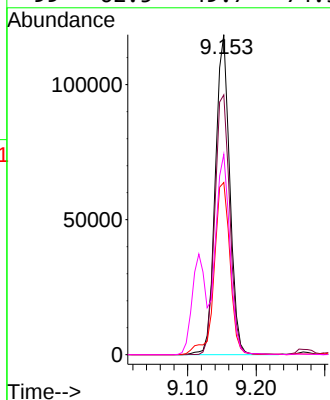
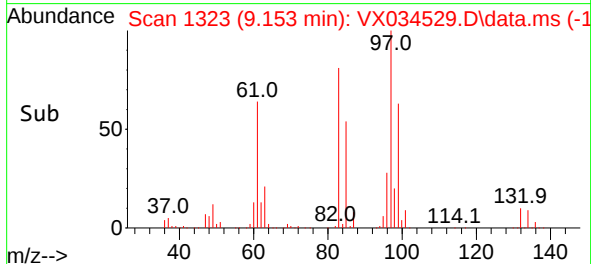
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMSD



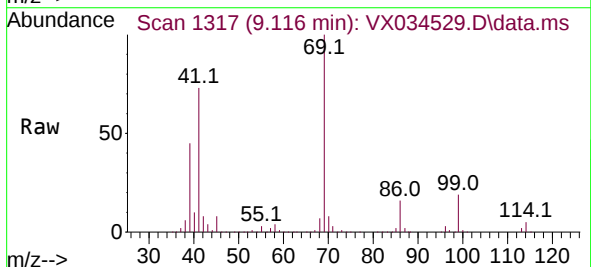
Tgt Ion: 97 Resp: 172683
Ion Ratio Lower Upper
97 100
83 81.2 69.7 104.5
85 53.8 43.7 65.5
99 62.5 49.7 74.5

Manual Integrations
APPROVED

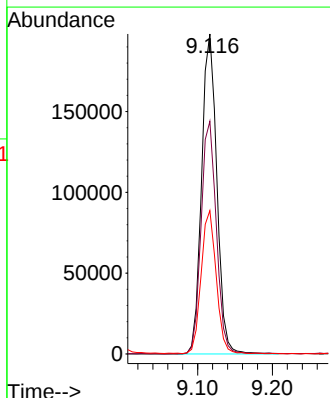
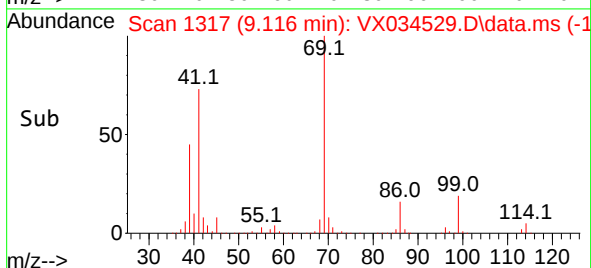
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

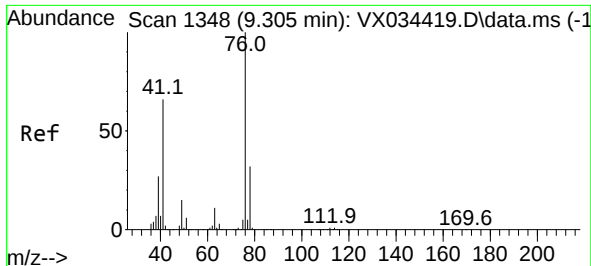


#56
Ethyl methacrylate
Concen: 50.346 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25



Tgt Ion: 69 Resp: 280264
Ion Ratio Lower Upper
69 100
41 73.3 57.4 86.0
39 44.0 33.7 50.5





#57

1,3-Dichloropropane

Concen: 49.878 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034529.D

Acq: 15 Mar 2023 23:25

Instrument :

MSVOA_X

ClientSampleId :

DS-02-031023-AMMSD

Tgt Ion: 76 Resp: 30055

Ion Ratio Lower Upper

76 100

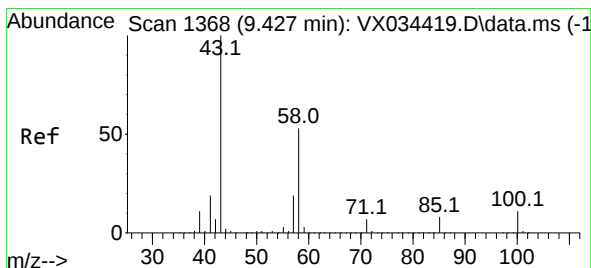
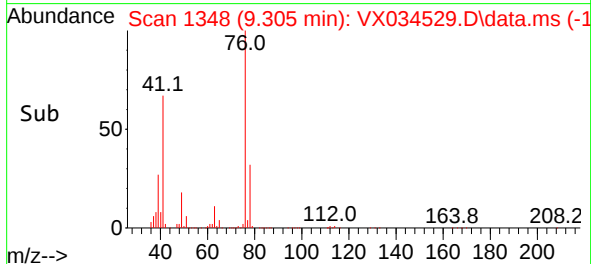
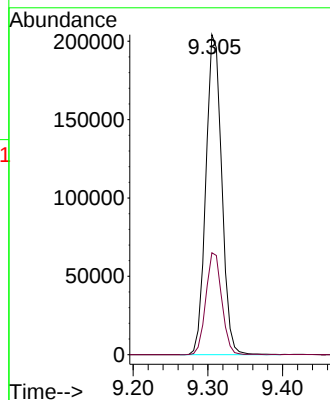
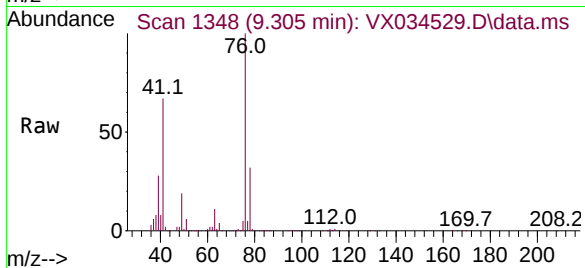
78 32.0 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#59

2-Hexanone

Concen: 254.295 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX034529.D

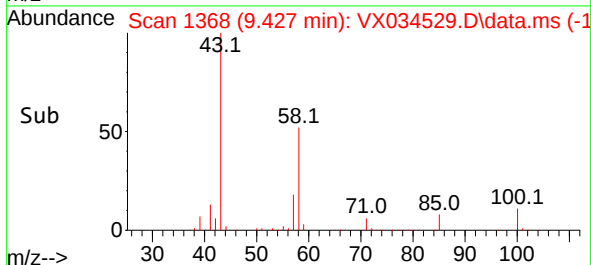
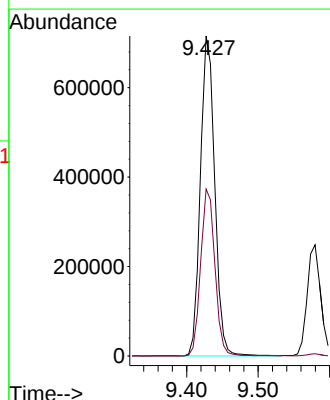
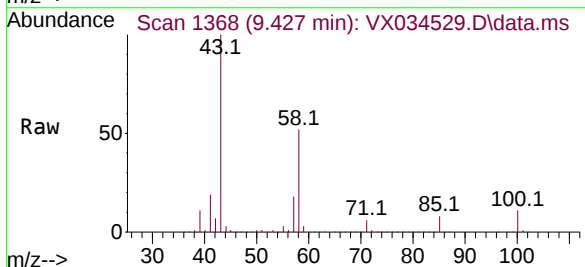
Acq: 15 Mar 2023 23:25

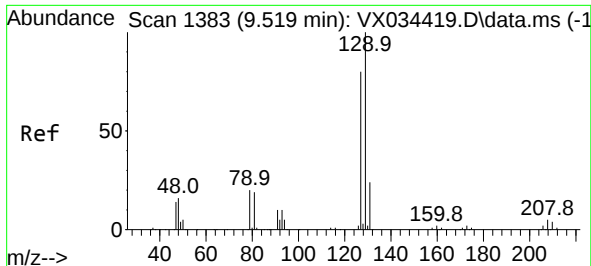
Tgt Ion: 43 Resp: 995510

Ion Ratio Lower Upper

43 100

58 52.0 26.3 78.9





#60

Dibromochloromethane

Concen: 50.835 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX034529.D

Acq: 15 Mar 2023 23:25

Instrument :

MSVOA_X

ClientSampleId :

DS-02-031023-AMMSD

Tgt Ion:129 Resp: 180764

Ion Ratio Lower Upper

129 100

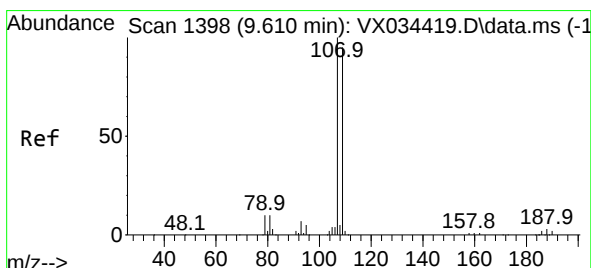
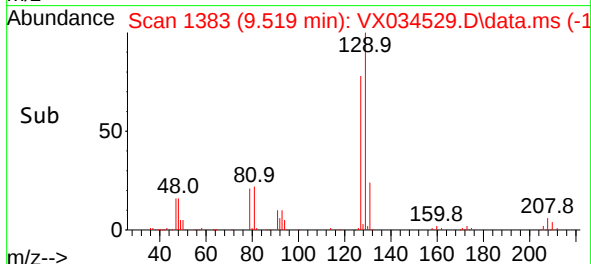
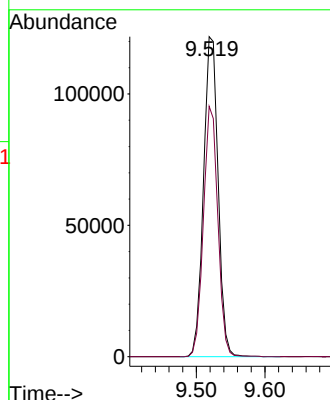
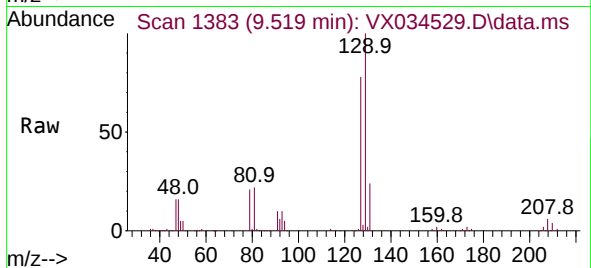
127 77.3 39.0 117.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#61

1,2-Dibromoethane

Concen: 49.542 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX034529.D

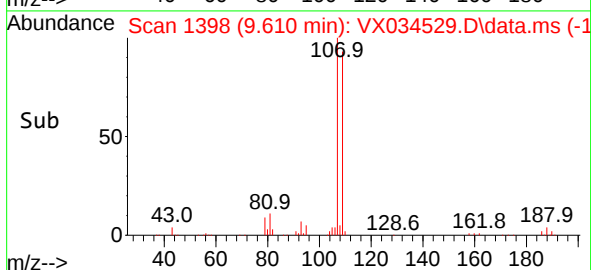
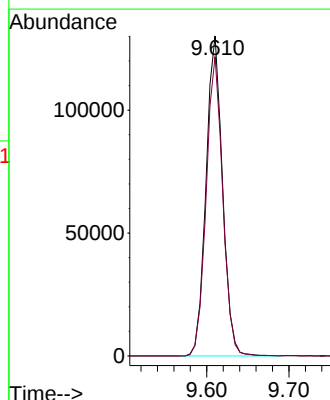
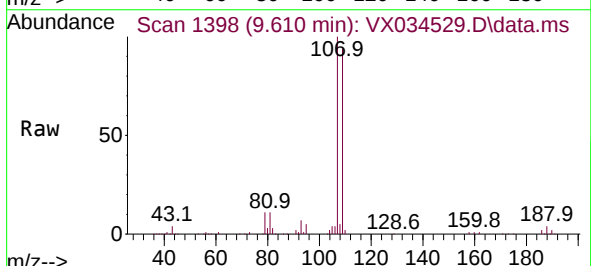
Acq: 15 Mar 2023 23:25

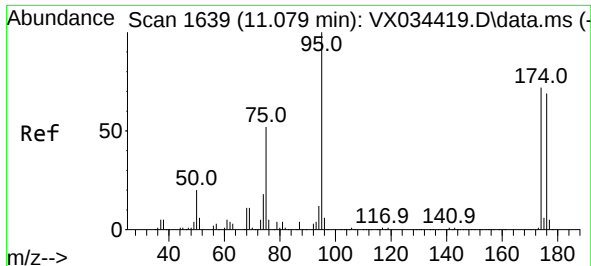
Tgt Ion:107 Resp: 181258

Ion Ratio Lower Upper

107 100

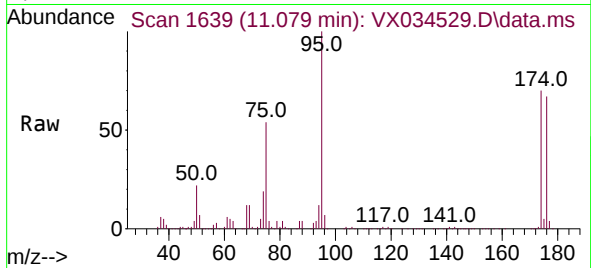
109 93.8 75.3 112.9





#62
4-Bromofluorobenzene
Concen: 50.863 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

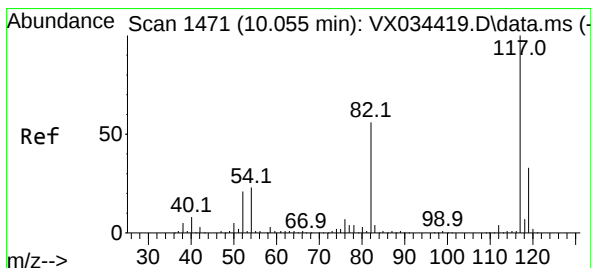
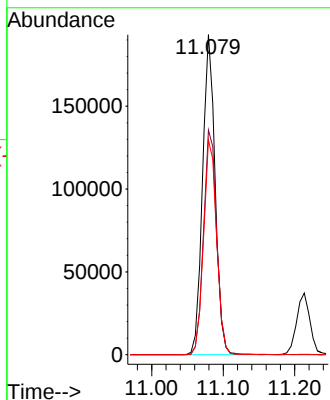
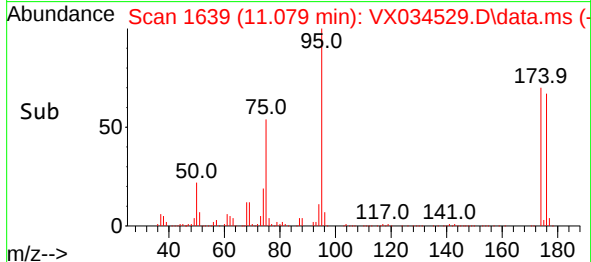
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMSD



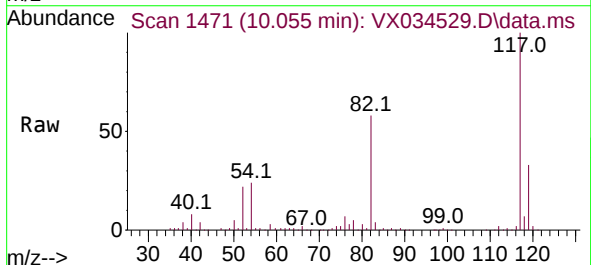
Tgt Ion: 95 Resp: 23554
Ion Ratio Lower Upper
95 100
174 73.0 0.0 147.4
176 69.8 0.0 140.6

Manual Integrations
APPROVED

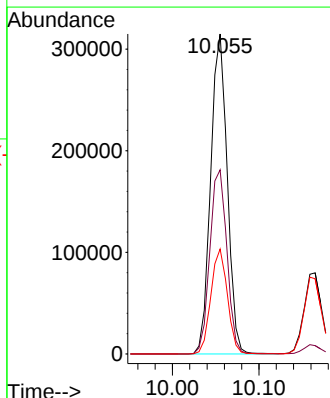
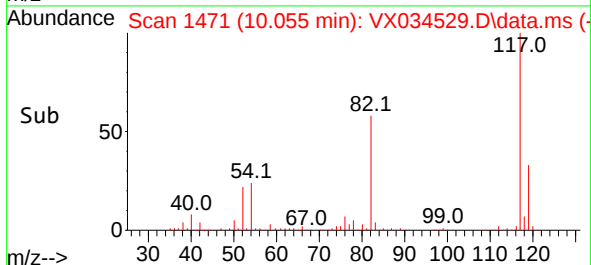
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

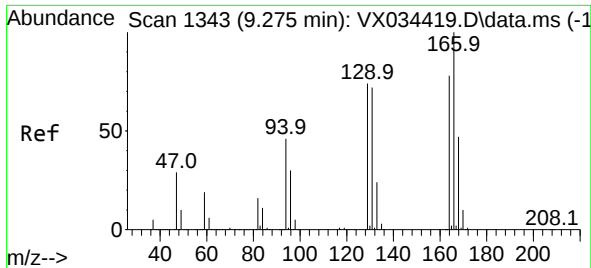


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25



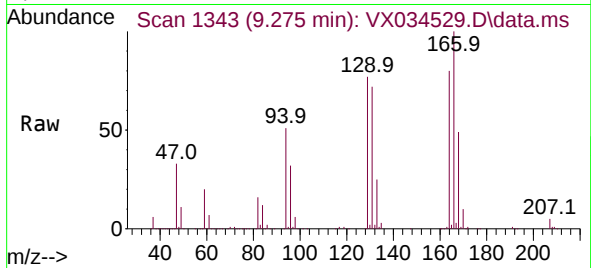
Tgt Ion:117 Resp: 418714
Ion Ratio Lower Upper
117 100
82 57.6 45.0 67.4
119 32.8 26.0 39.0





#64
Tetrachloroethene
Concen: 46.693 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

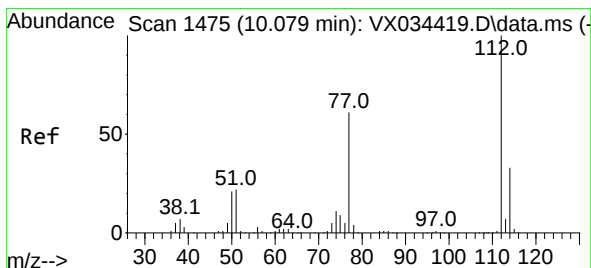
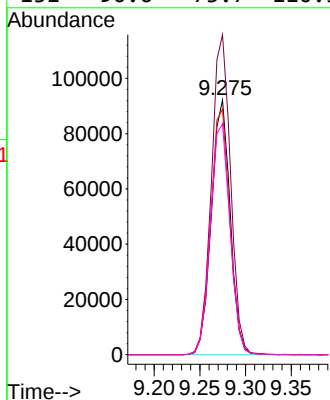
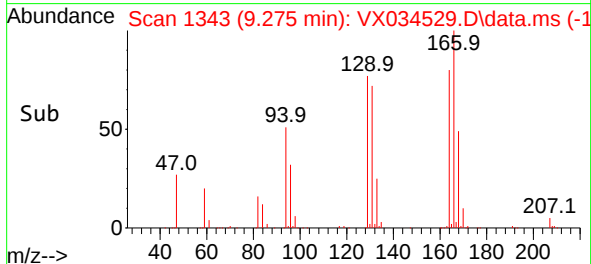
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMSD



Tgt Ion:164 Resp: 131333
Ion Ratio Lower Upper
164 100
166 125.7 102.7 154.1
129 96.5 75.6 113.4
131 90.6 73.7 110.5

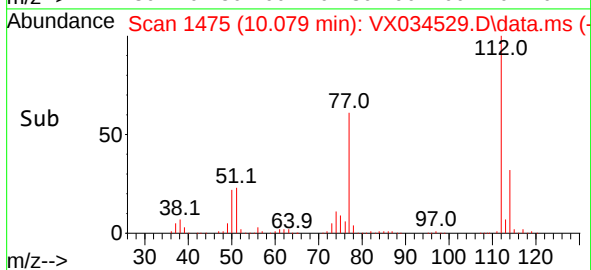
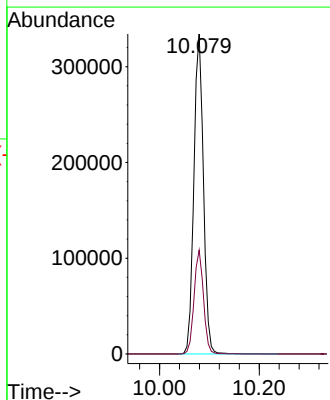
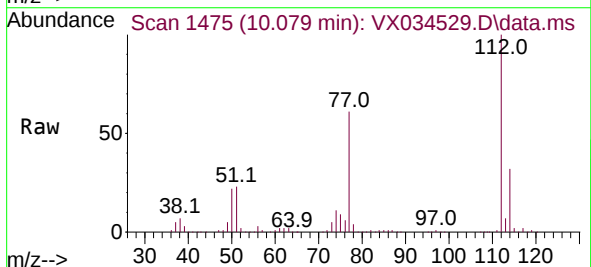
Manual Integrations
APPROVED

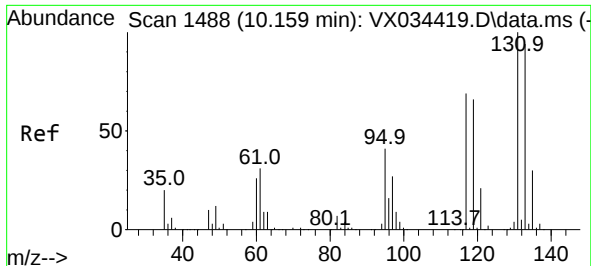
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#65
Chlorobenzene
Concen: 48.338 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

Tgt Ion:112 Resp: 444072
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.2





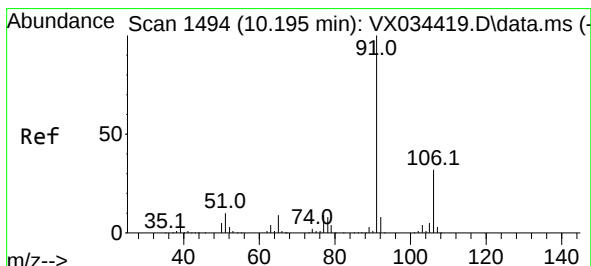
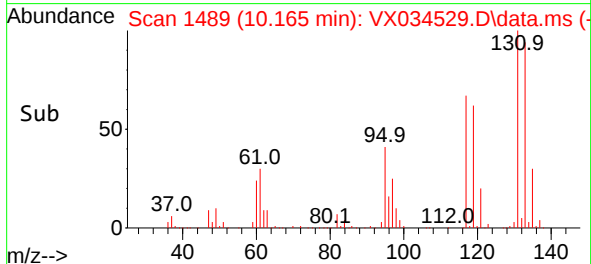
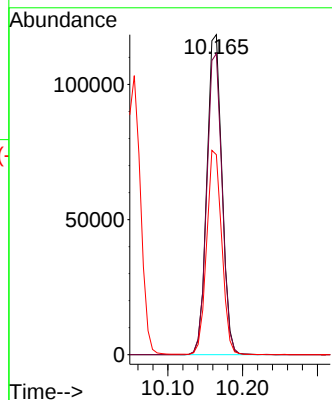
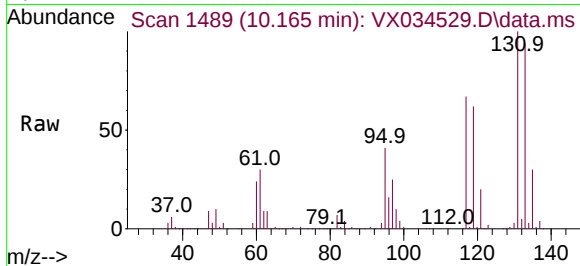
#66
1,1,1,2-Tetrachloroethane
Concen: 49.680 ug/l
RT: 10.165 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMSD

Tgt Ion:131 Resp: 166229
Ion Ratio Lower Upper
131 100
133 95.2 47.1 141.4
119 63.9 32.6 98.0

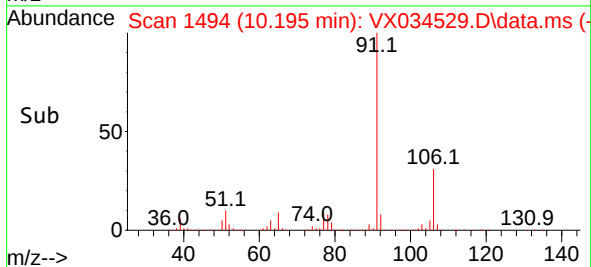
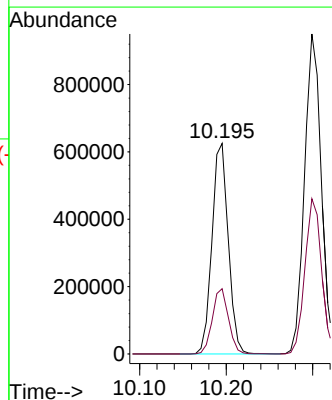
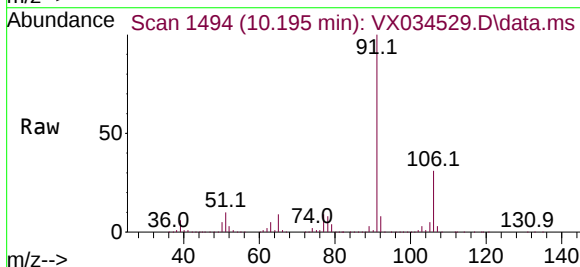
Manual Integrations
APPROVED

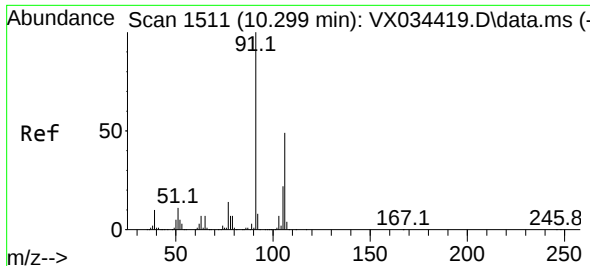
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#67
Ethyl Benzene
Concen: 49.603 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

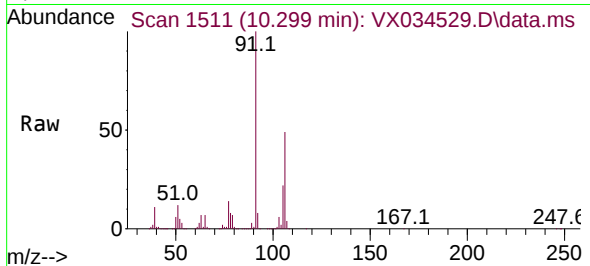
Tgt Ion: 91 Resp: 815802
Ion Ratio Lower Upper
91 100
106 31.0 25.6 38.4





#68
m/p-Xylenes
Concen: 97.638 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

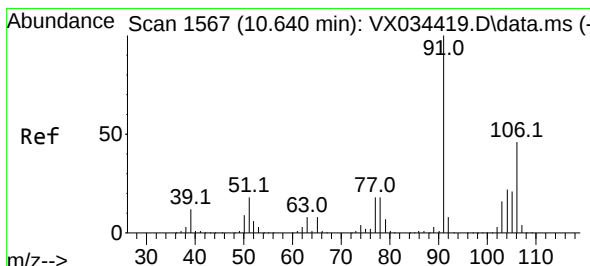
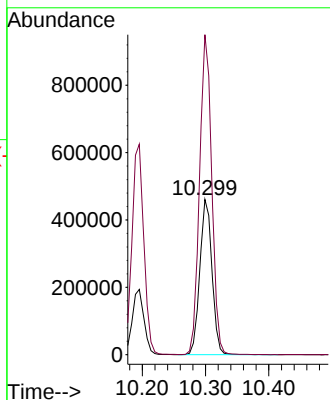
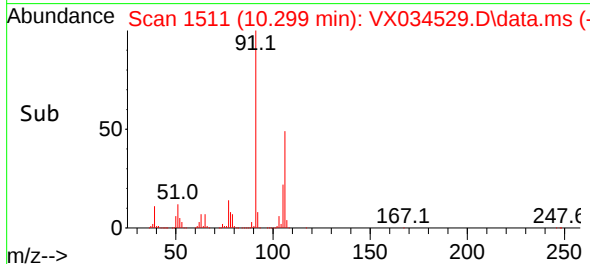
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMSD



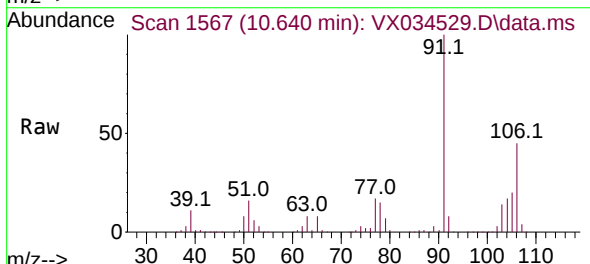
Tgt Ion:106 Resp: 61686
Ion Ratio Lower Upper
106 100
91 206.9 164.0 246.0

Manual Integrations
APPROVED

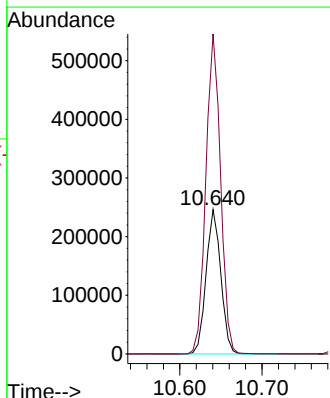
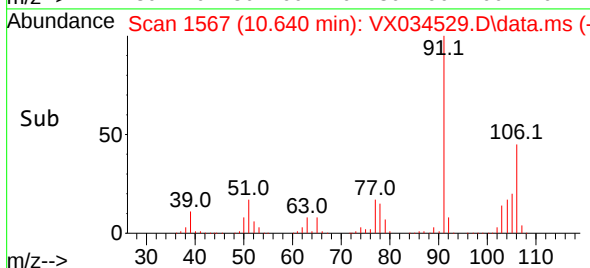
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

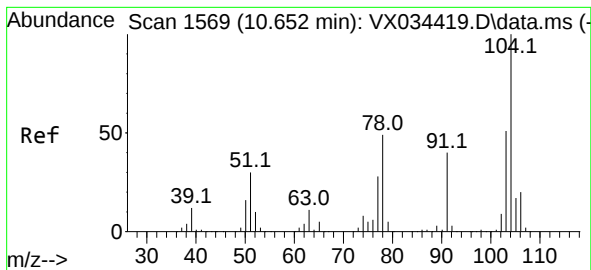


#69
o-Xylene
Concen: 48.243 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25



Tgt Ion:106 Resp: 305872
Ion Ratio Lower Upper
106 100
91 221.4 108.5 325.3





#70

Styrene

Concen: 50.242 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX034529.D

Acq: 15 Mar 2023 23:25

Instrument :

MSVOA_X

ClientSampleId :

DS-02-031023-AMMSD

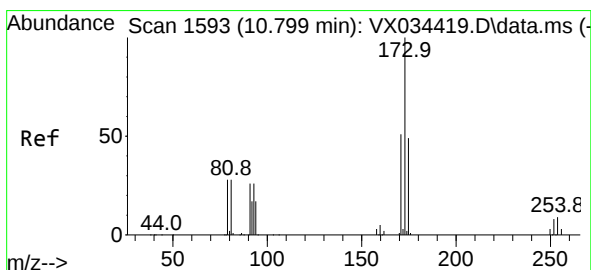
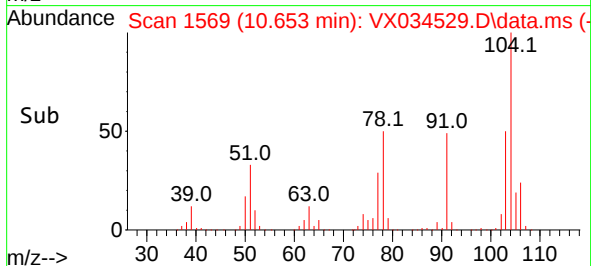
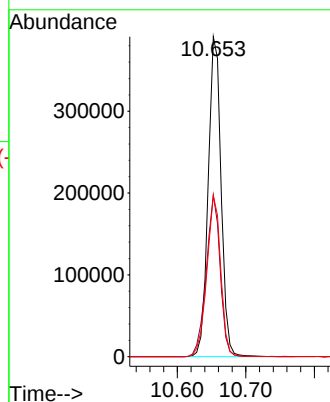
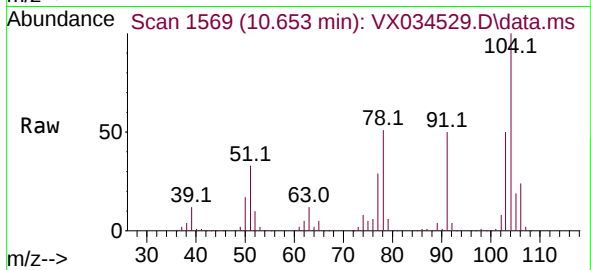
Tgt Ion:104	Resp: 51394
Ion Ratio	Lower Upper
104 100	
78 54.5	43.4 65.2
103 54.1	44.2 66.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#71

Bromoform

Concen: 49.339 ug/l

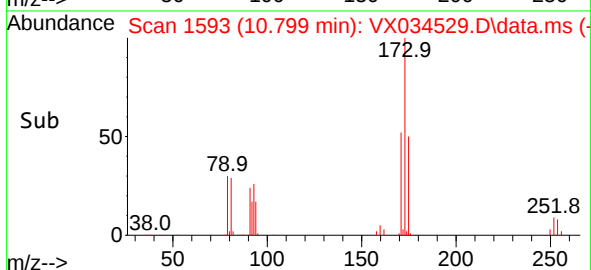
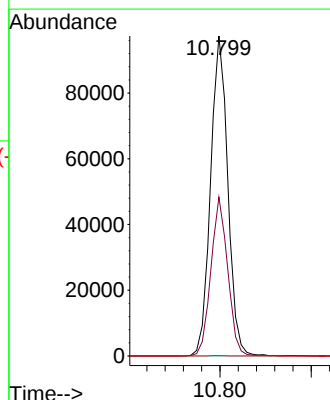
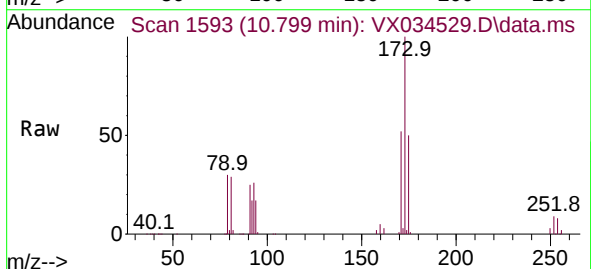
RT: 10.799 min Scan# 1593

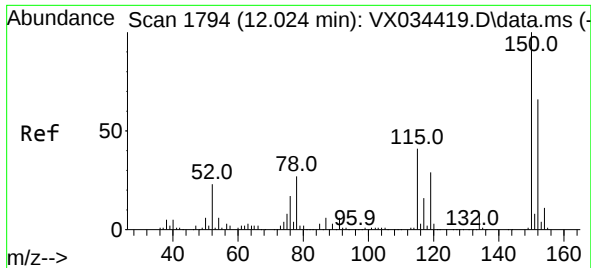
Delta R.T. 0.000 min

Lab File: VX034529.D

Acq: 15 Mar 2023 23:25

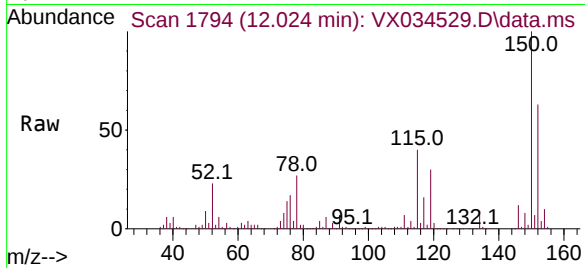
Tgt Ion:173	Resp: 127078
Ion Ratio	Lower Upper
173 100	
175 48.4	24.1 72.4
254 0.1	0.1 0.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

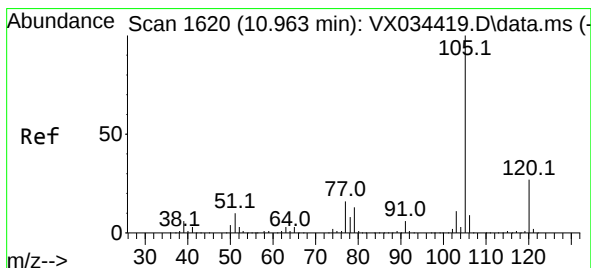
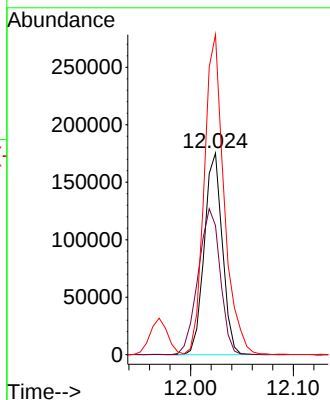
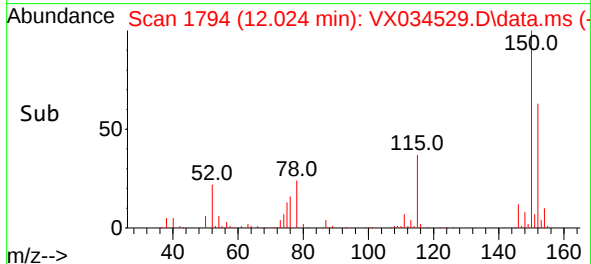
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMSD



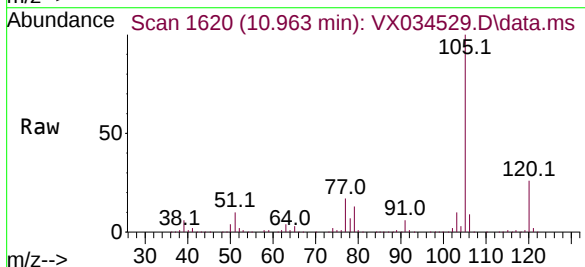
Tgt Ion:152 Resp: 21403
Ion Ratio Lower Upper
152 100
115 88.3 45.0 135.0
150 174.6 0.0 352.4

Manual Integrations
APPROVED

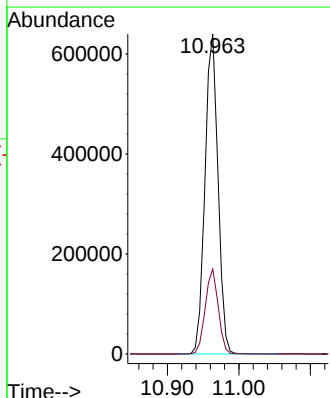
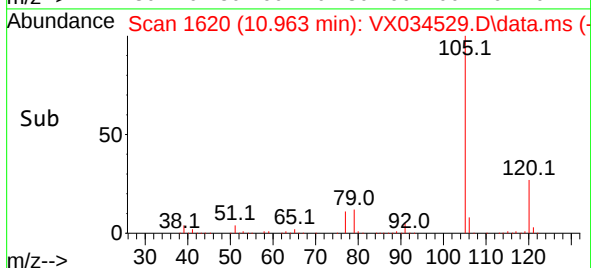
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

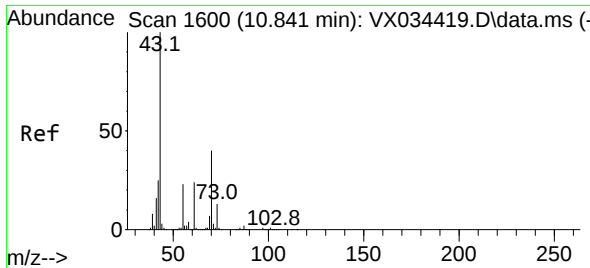


#73
Isopropylbenzene
Concen: 48.888 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25



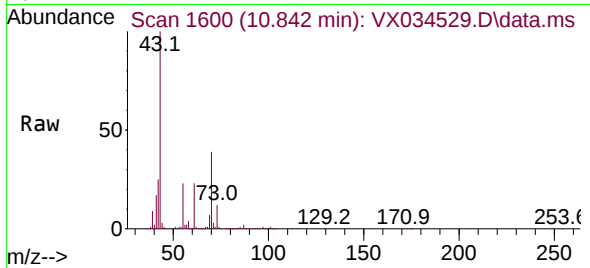
Tgt Ion:105 Resp: 808733
Ion Ratio Lower Upper
105 100
120 26.3 13.3 39.9





#74
N-amy1 acetate
Concen: 43.439 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

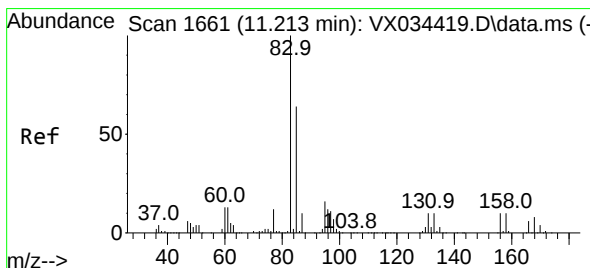
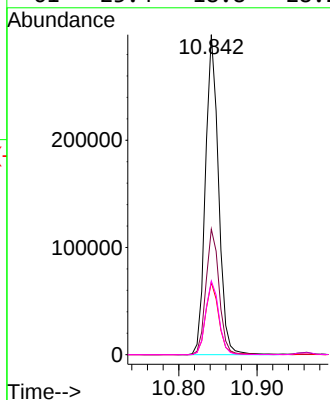
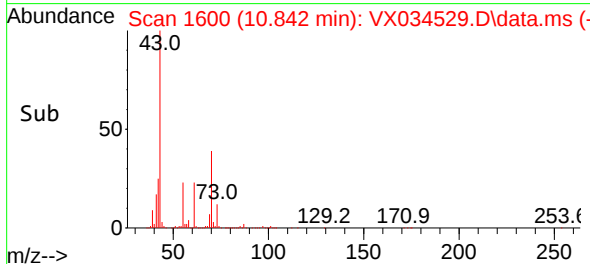
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMSD



Tgt Ion: 43 Resp: 344184
Ion Ratio Lower Upper
43 100
70 39.7 32.1 48.1
55 22.9 18.3 27.5
61 23.4 18.8 28.2

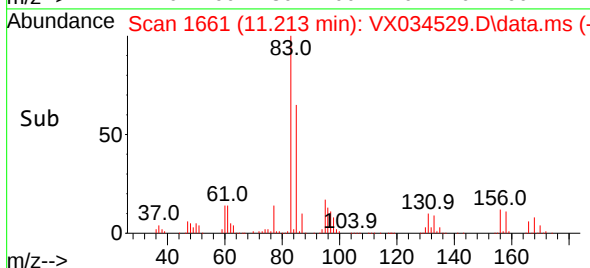
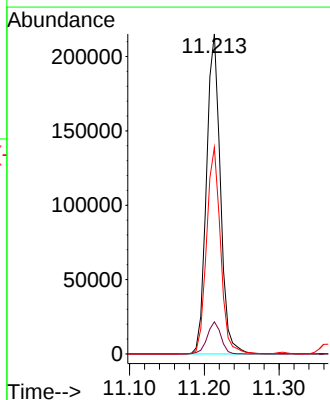
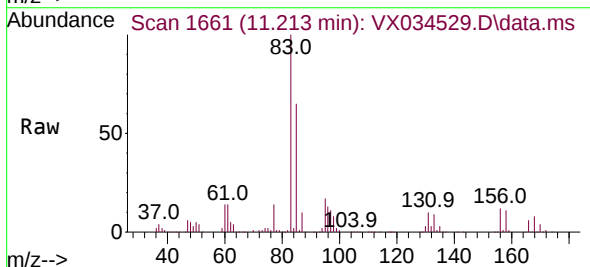
Manual Integrations
APPROVED

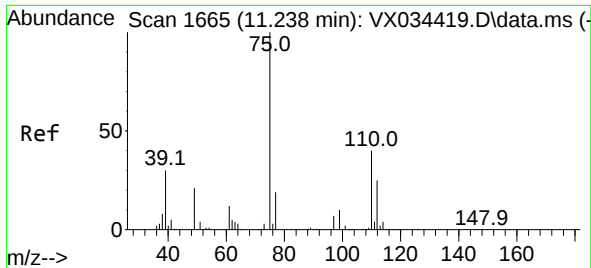
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#75
1,1,2,2-Tetrachloroethane
Concen: 50.323 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

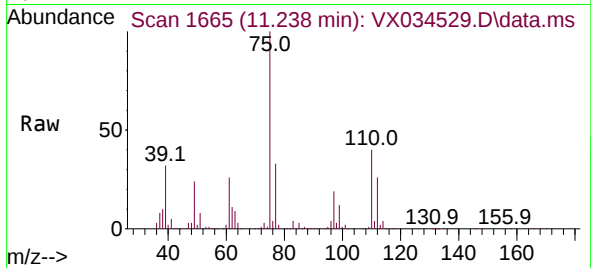
Tgt Ion: 83 Resp: 277793
Ion Ratio Lower Upper
83 100
131 9.9 4.8 14.3
85 64.8 32.0 96.0





#76
1,2,3-Trichloropropane
Concen: 47.267 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

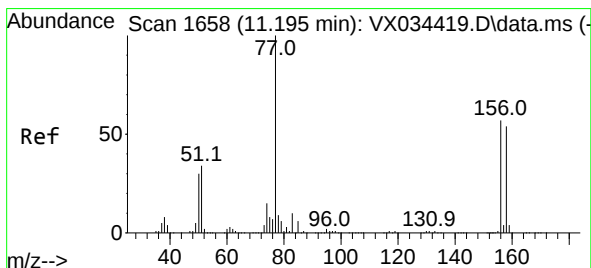
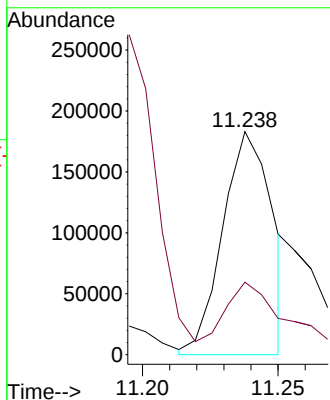
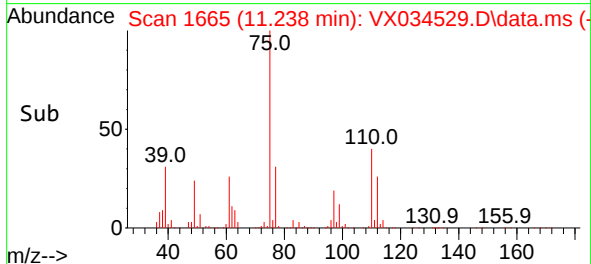
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMSD



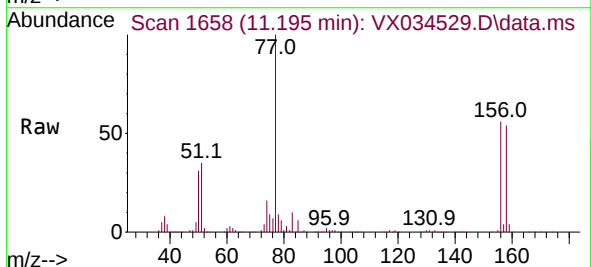
Tgt Ion: 75 Resp: 232295
Ion Ratio Lower Upper
75 100
77 42.0 21.6 64.8

Manual Integrations
APPROVED

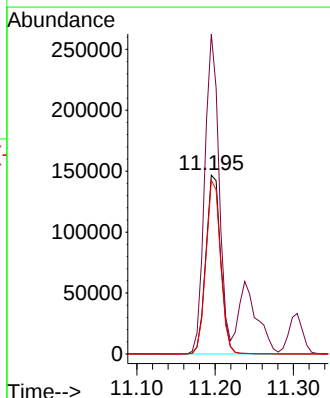
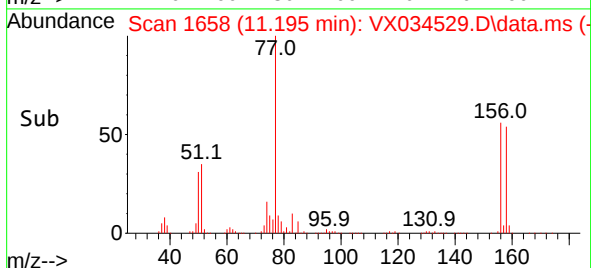
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

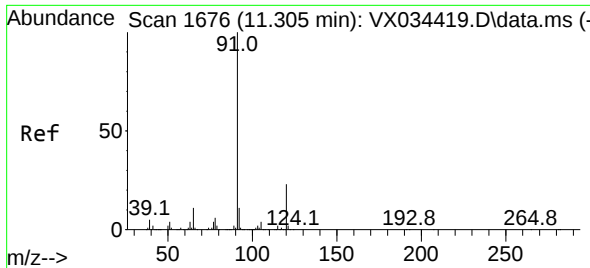


#77
Bromobenzene
Concen: 48.653 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25



Tgt Ion:156 Resp: 193101
Ion Ratio Lower Upper
156 100
77 172.9 86.7 259.9
158 95.6 48.0 144.0





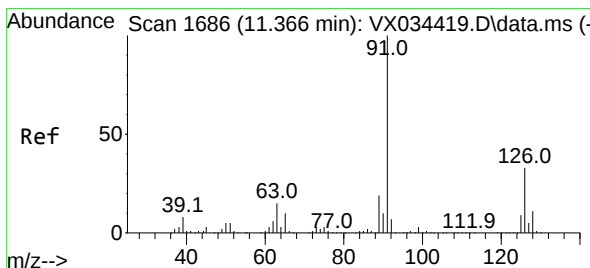
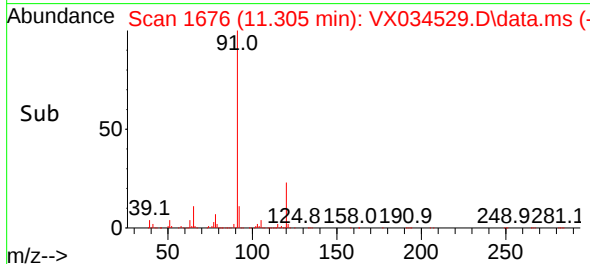
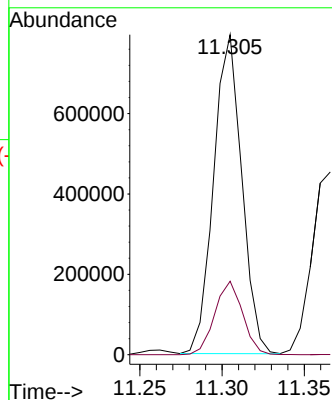
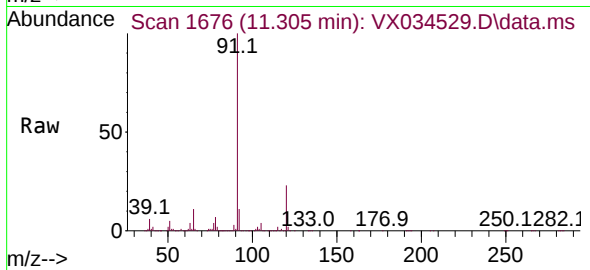
#78
n-propylbenzene
Concen: 49.486 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMSD

Tgt Ion: 91 Resp: 945400
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.5

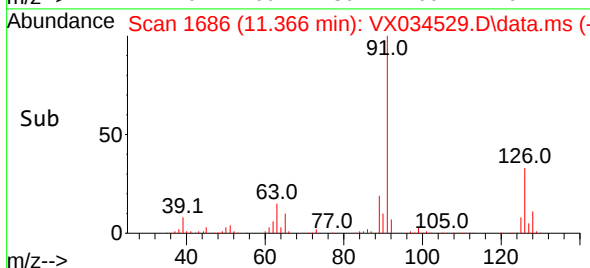
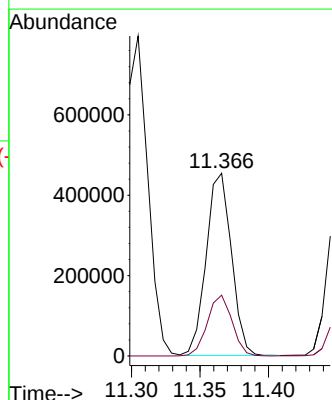
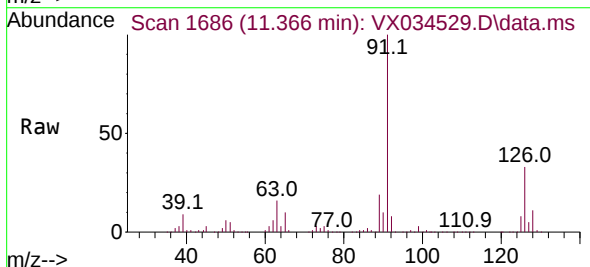
Manual Integrations
APPROVED

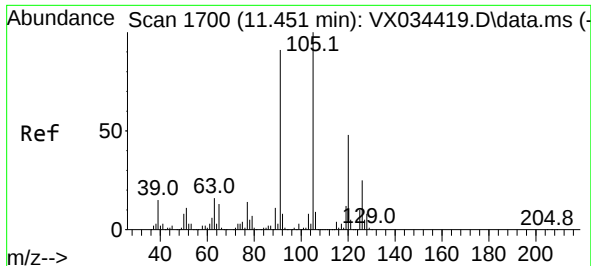
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#79
2-Chlorotoluene
Concen: 49.192 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

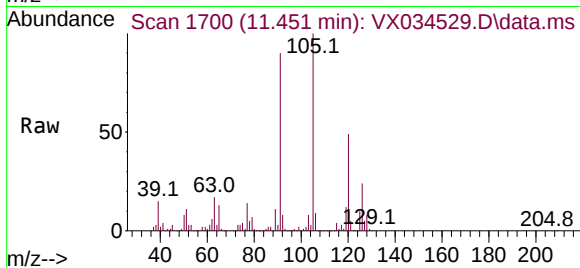
Tgt Ion: 91 Resp: 580416
Ion Ratio Lower Upper
91 100
126 32.7 16.3 48.9





#80
1,3,5-Trimethylbenzene
Concen: 49.319 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

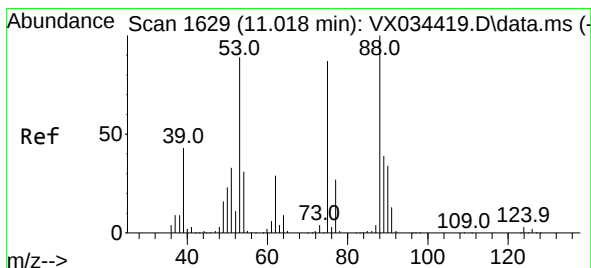
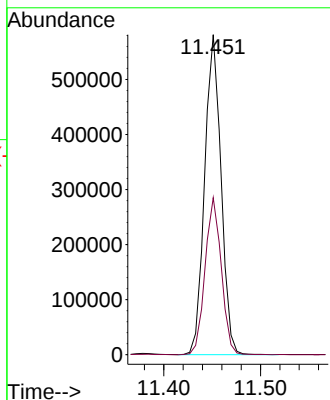
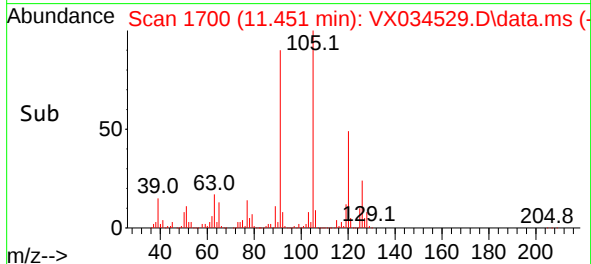
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMSD



Tgt Ion:105 Resp: 68431
Ion Ratio Lower Upper
105 100
120 48.5 23.7 71.1

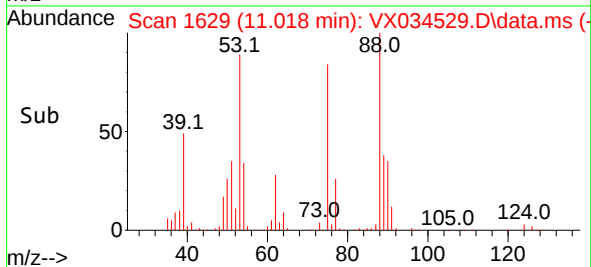
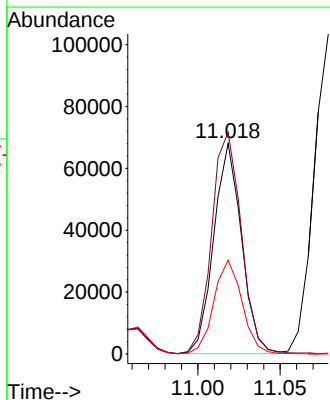
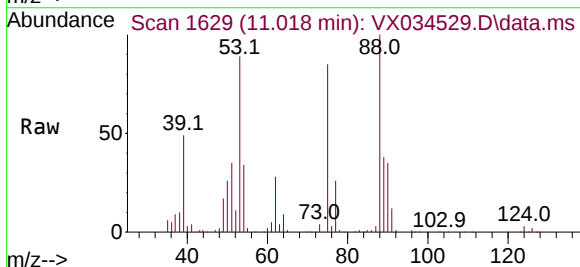
Manual Integrations
APPROVED

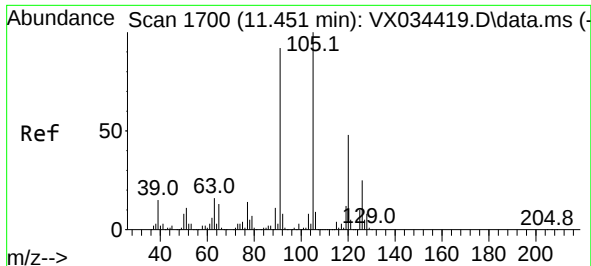
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#81
trans-1,4-Dichloro-2-butene
Concen: 43.947 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

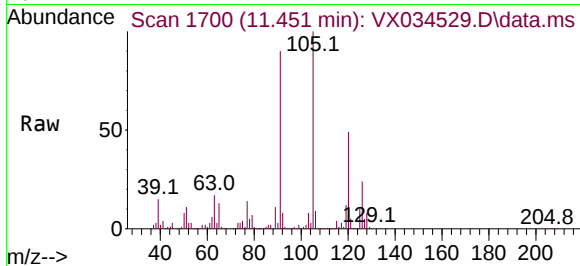
Tgt Ion: 75 Resp: 79835
Ion Ratio Lower Upper
75 100
53 112.6 82.6 124.0
89 45.5 36.9 55.3





#82
4-Chlorotoluene
Concen: 49.735 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

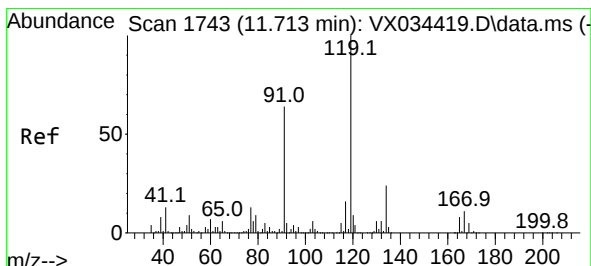
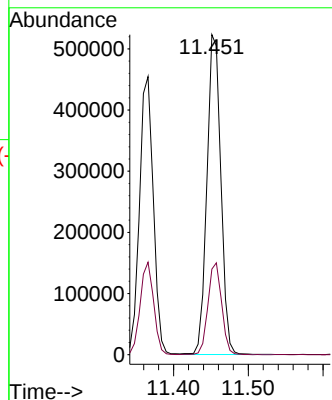
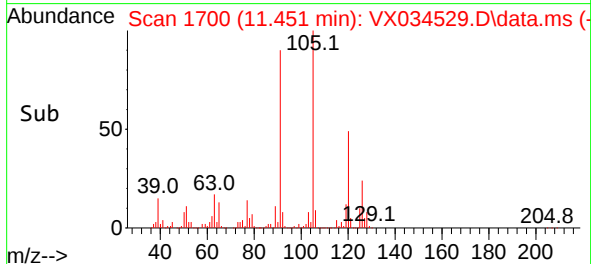
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMSD



Tgt Ion: 91 Resp: 675928
Ion Ratio Lower Upper
91 100
126 28.2 14.2 42.6

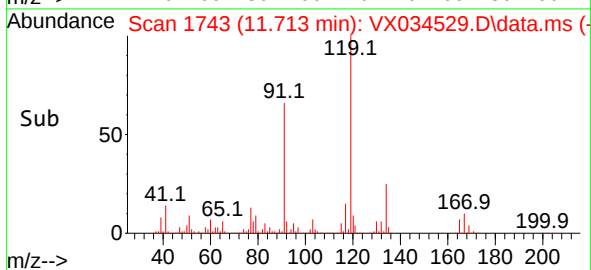
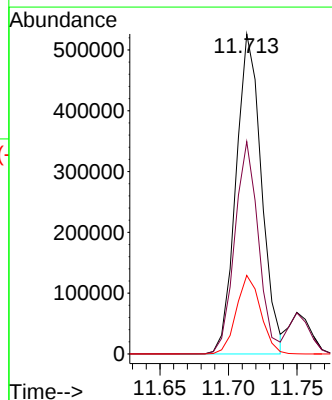
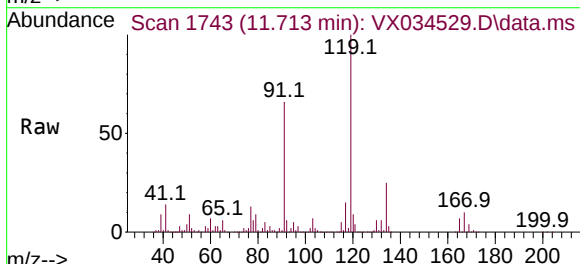
Manual Integrations
APPROVED

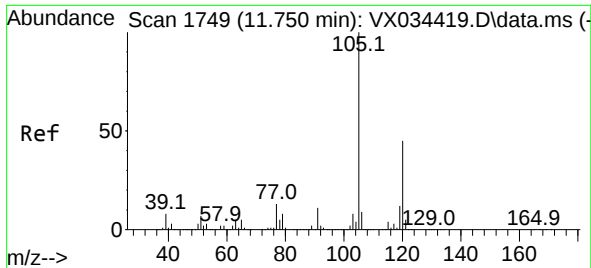
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#83
tert-Butylbenzene
Concen: 48.720 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

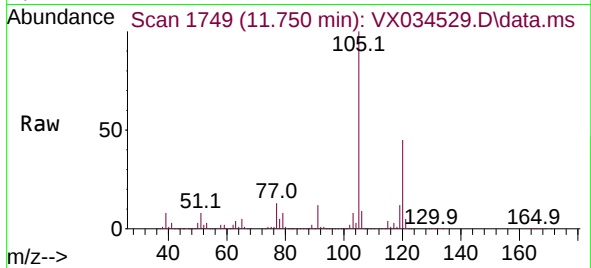
Tgt Ion:119 Resp: 681581
Ion Ratio Lower Upper
119 100
91 61.8 30.6 92.0
134 23.5 11.8 35.4





#84
1,2,4-Trimethylbenzene
Concen: 48.948 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

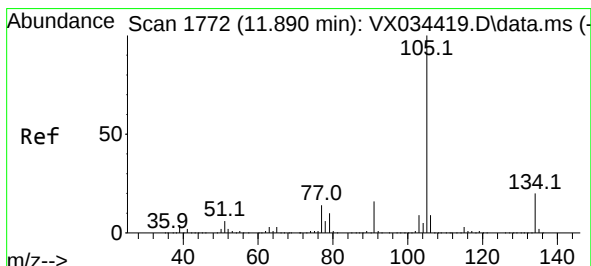
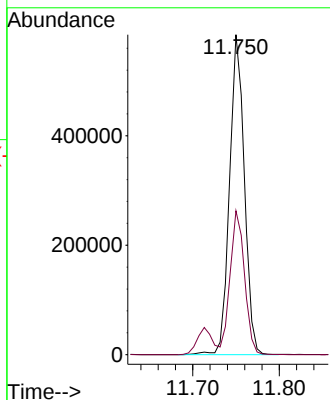
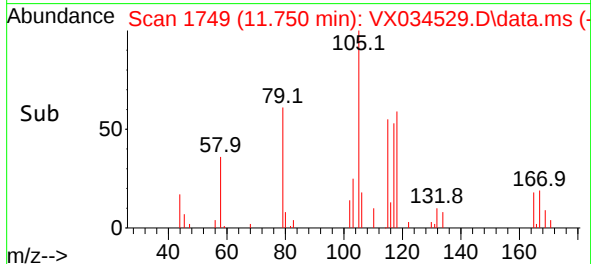
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMSD



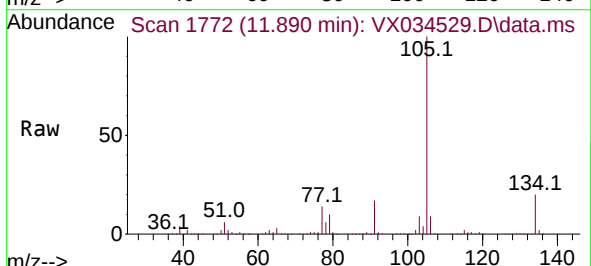
Tgt Ion:105 Resp: 69410
Ion Ratio Lower Upper
105 100
120 43.7 22.4 67.0

Manual Integrations
APPROVED

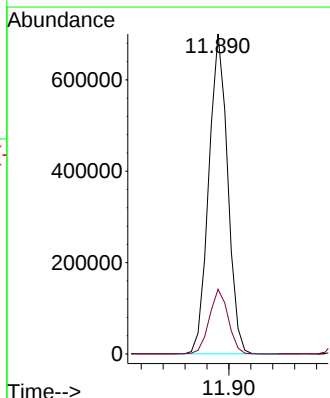
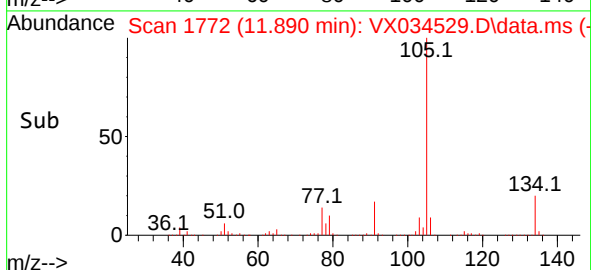
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

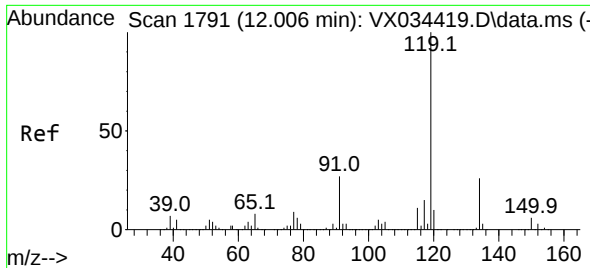


#85
sec-Butylbenzene
Concen: 48.833 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25



Tgt Ion:105 Resp: 835200
Ion Ratio Lower Upper
105 100
134 20.3 10.2 30.4





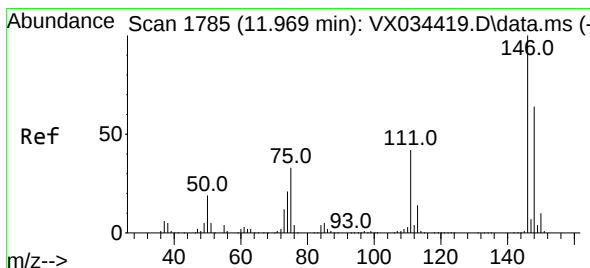
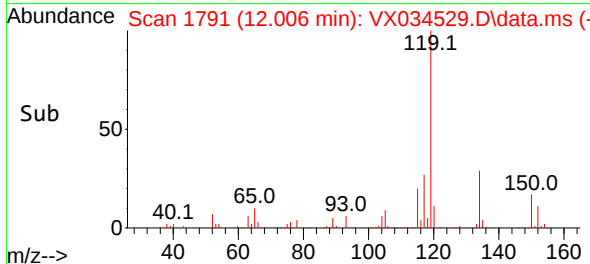
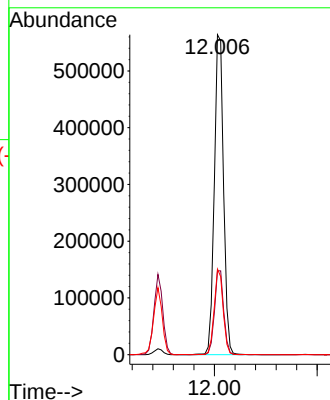
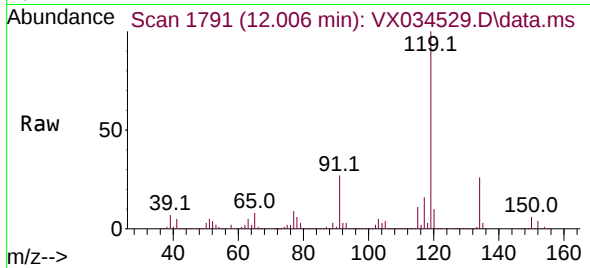
#86
p-Isopropyltoluene
Concen: 48.889 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMSD

Tgt Ion:119 Resp: 70273
Ion Ratio Lower Upper
119 100
134 26.2 13.2 39.5
91 25.9 12.9 38.7

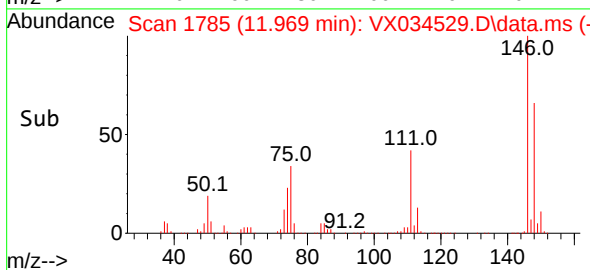
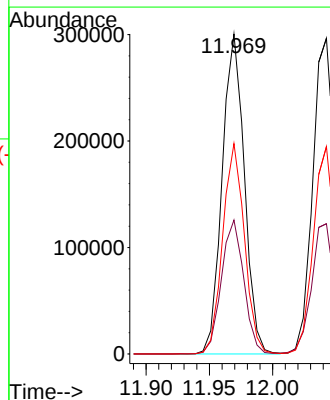
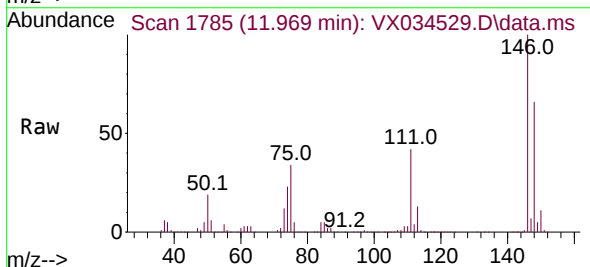
Manual Integrations
APPROVED

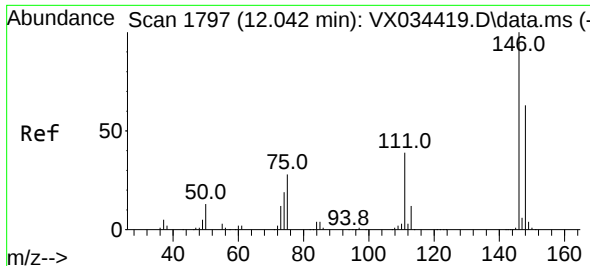
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#87
1,3-Dichlorobenzene
Concen: 47.027 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

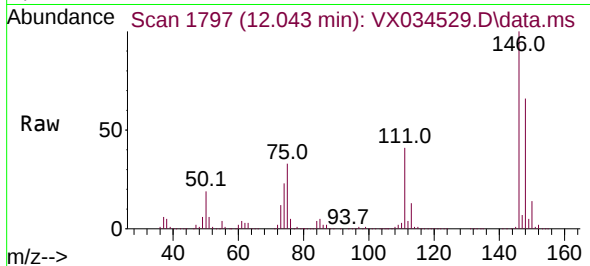
Tgt Ion:146 Resp: 365703
Ion Ratio Lower Upper
146 100
111 42.3 20.9 62.8
148 64.5 31.6 95.0





#88
1,4-Dichlorobenzene
Concen: 47.423 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

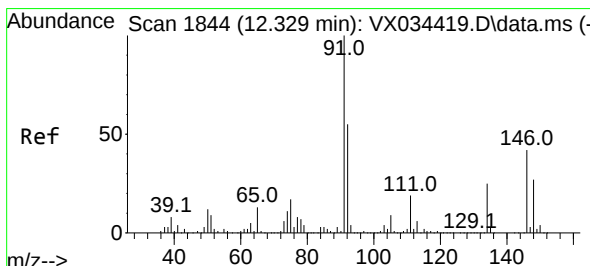
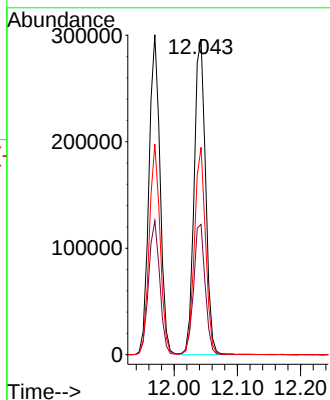
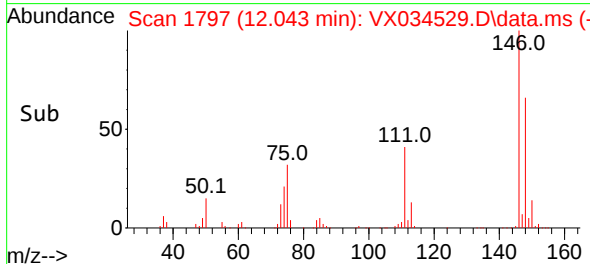
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMSD



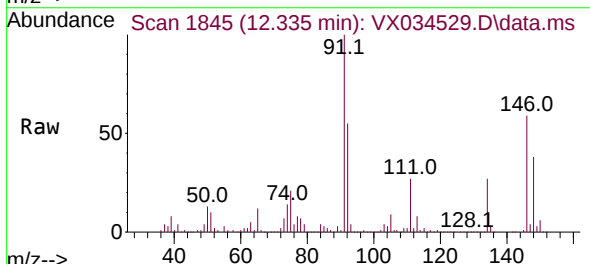
Tgt Ion:146 Resp: 372890
Ion Ratio Lower Upper
146 100
111 41.8 20.6 61.9
148 63.9 31.8 95.4

Manual Integrations
APPROVED

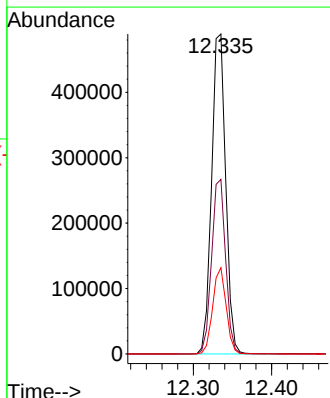
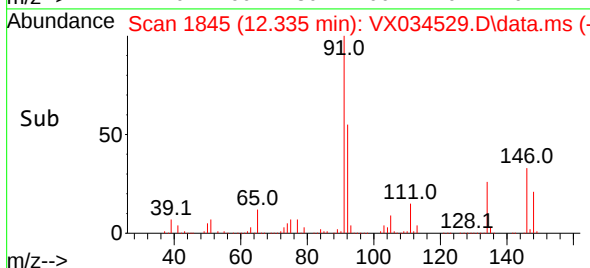
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

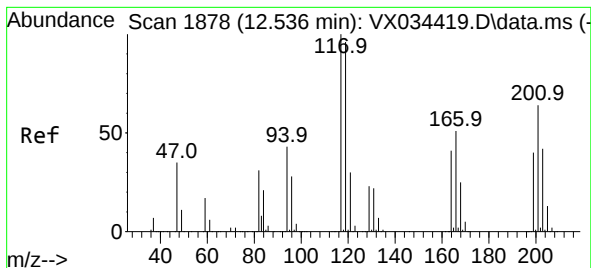


#89
n-Butylbenzene
Concen: 47.725 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25



Tgt Ion: 91 Resp: 609854
Ion Ratio Lower Upper
91 100
92 54.4 27.7 83.0
134 25.9 13.0 38.9





#90

Hexachloroethane

Concen: 47.803 ug/l

RT: 12.536 min Scan# 117

Delta R.T. 0.000 min

Lab File: VX034529.D

Acq: 15 Mar 2023 23:25

Instrument :

MSVOA_X

ClientSampleId :

DS-02-031023-AMMSD

Tgt Ion:117 Resp: 127144

Ion Ratio Lower Upper

117 100

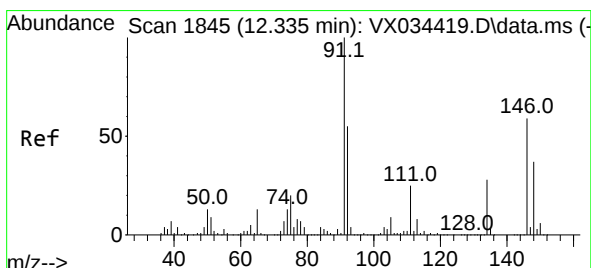
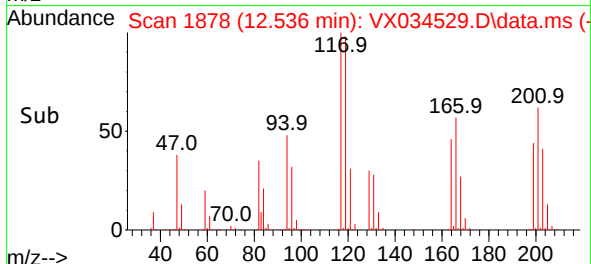
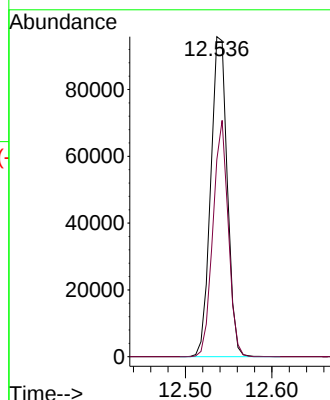
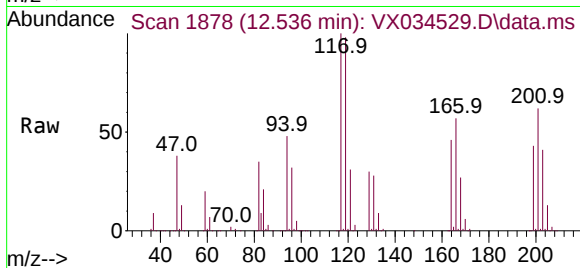
201 68.3 34.4 103.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#91

1,2-Dichlorobenzene

Concen: 49.089 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX034529.D

Acq: 15 Mar 2023 23:25

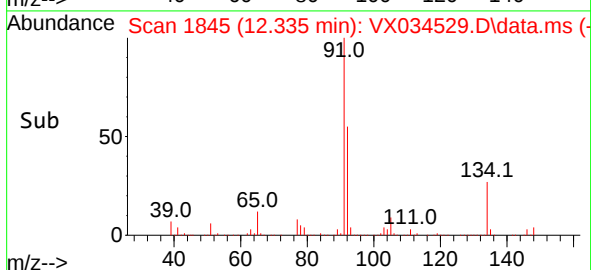
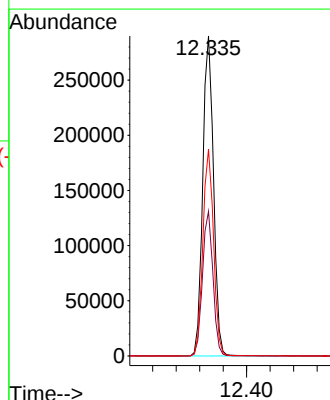
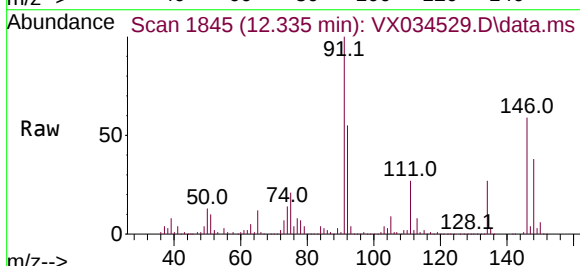
Tgt Ion:146 Resp: 368910

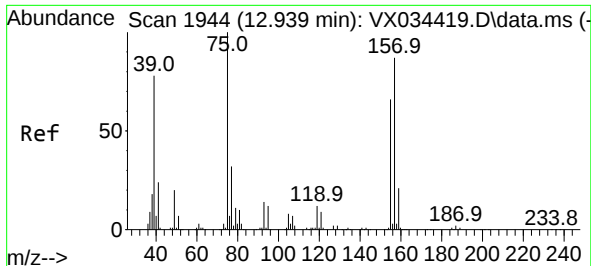
Ion Ratio Lower Upper

146 100

111 44.2 22.0 66.0

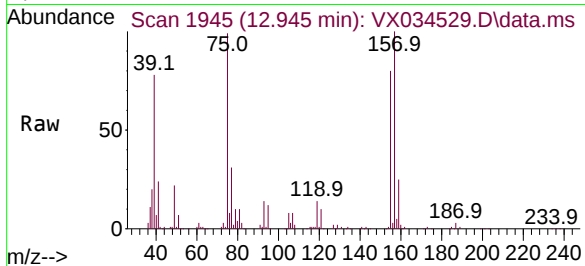
148 64.2 32.0 96.0





#92
1,2-Dibromo-3-Chloropropane
Concen: 50.528 ug/l
RT: 12.945 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

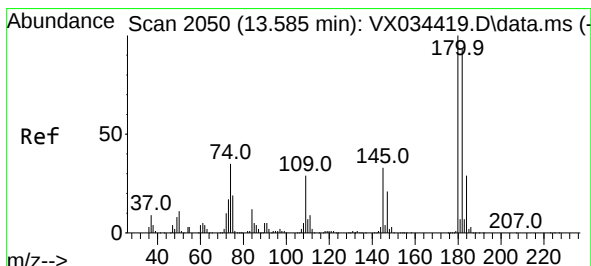
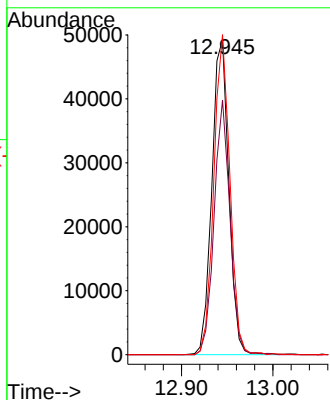
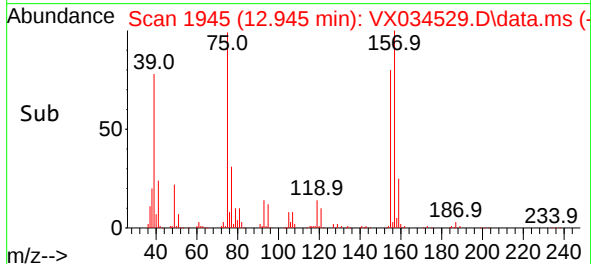
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMSD



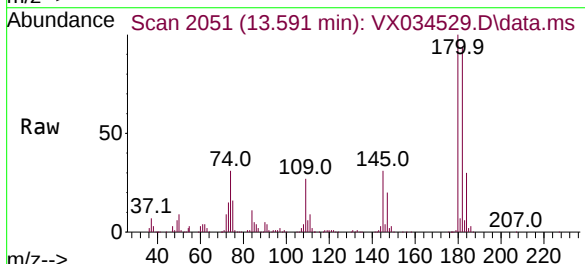
Tgt Ion: 75 Resp: 6337
Ion Ratio Lower Upper
75 100
155 75.7 38.4 115.1
157 96.5 49.9 149.7

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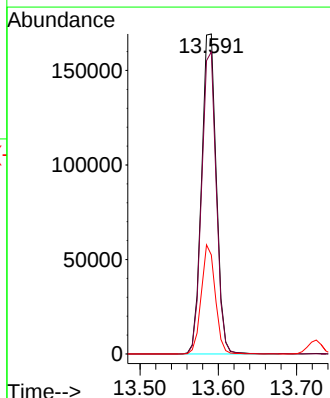
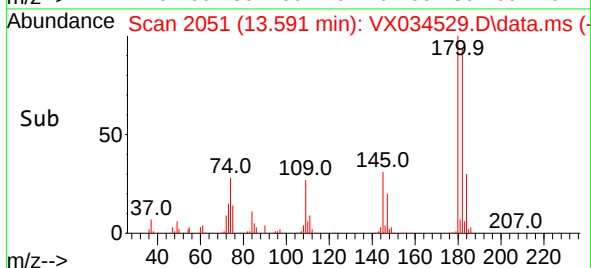
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

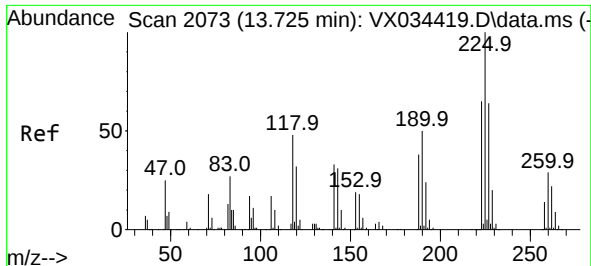


#93
1,2,4-Trichlorobenzene
Concen: 47.077 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25



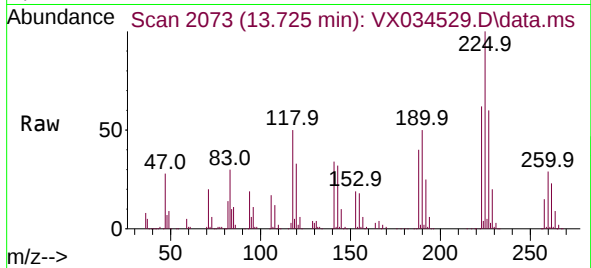
Tgt Ion:180 Resp: 221243
Ion Ratio Lower Upper
180 100
182 93.5 47.0 141.0
145 32.3 15.9 47.7





#94
Hexachlorobutadiene
Concen: 45.734 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25

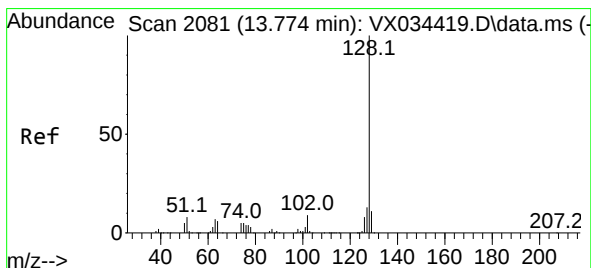
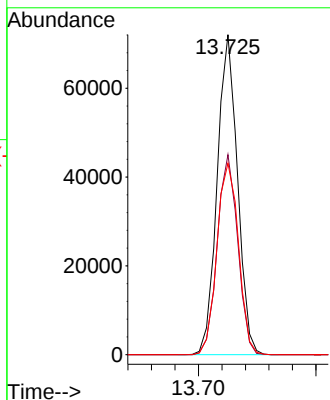
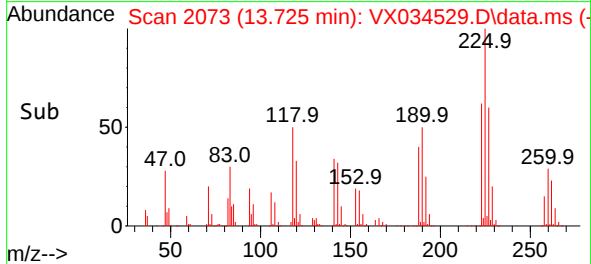
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMSD



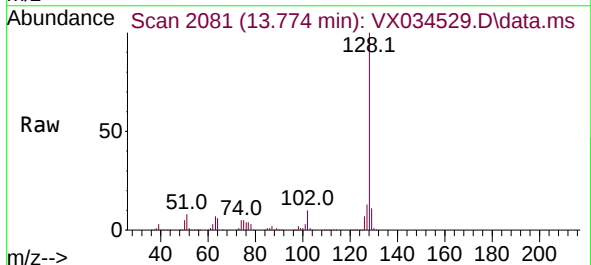
Tgt Ion:225 Resp: 86589
Ion Ratio Lower Upper
225 100
223 62.9 32.1 96.5
227 63.5 31.8 95.4

Manual Integrations
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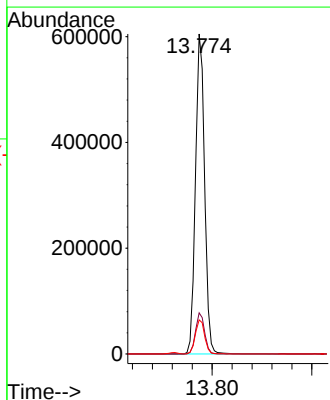
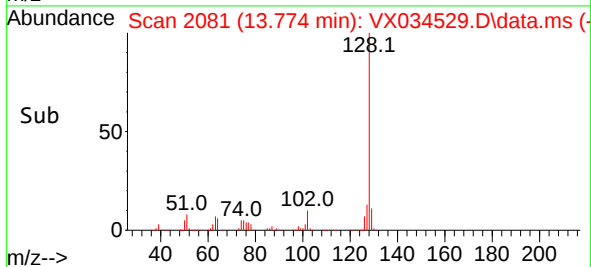
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

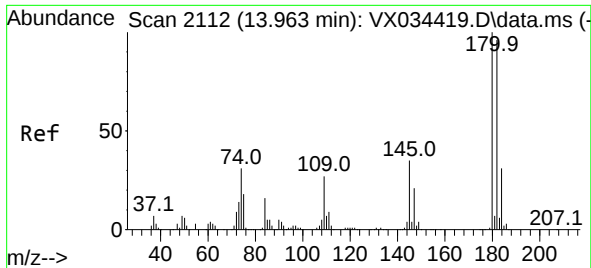


#95
Naphthalene
Concen: 48.728 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034529.D
Acq: 15 Mar 2023 23:25



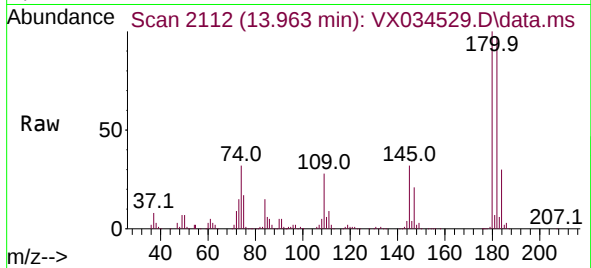
Tgt Ion:128 Resp: 767919
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.8 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 46.792 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX034529.D
 Acq: 15 Mar 2023 23:25

Instrument :
 MSVOA_X
 ClientSampleId :
 DS-02-031023-AMMSD



Tgt Ion:180 Resp: 214958
 Ion Ratio Lower Upper
 180 100
 182 96.3 48.0 144.2
 145 34.4 17.7 53.1

Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023

