

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012324\
 Data File : VX039919.D
 Acq On : 23 Jan 2024 18:57
 Operator : JC/MD
 Sample : VX0123MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0123MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/24/2024
 Supervised By : Mahesh Dadoda 01/24/2024

Quant Time: Jan 24 02:36:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	79022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	137234	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64005	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65522	49.498	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.000%		
35) Dibromofluoromethane	5.379	113	48187	52.132	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.260%		
50) Toluene-d8	8.647	98	174125	49.947	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.900%		
62) 4-Bromofluorobenzene	11.079	95	70252	51.532	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	17756	17.367	ug/l	95
3) Chloromethane	1.294	50	19557	16.749	ug/l	98
4) Vinyl Chloride	1.374	62	20211	18.341	ug/l	99
5) Bromomethane	1.605	94	13130	20.883	ug/l	93
6) Chloroethane	1.691	64	12466	19.900	ug/l	99
7) Trichlorofluoromethane	1.892	101	32277	20.305	ug/l	99
8) Diethyl Ether	2.136	74	11927	20.303	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	19792	20.083	ug/l	98
10) Methyl Iodide	2.453	142	21495	20.675	ug/l	95
11) Tert butyl alcohol	2.953	59	30825	89.457	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	18260	19.199	ug/l	99
13) Acrolein	2.233	56	20489	86.699	ug/l	98
14) Allyl chloride	2.666	41	34762	18.570	ug/l	99
15) Acrylonitrile	3.056	53	67379	94.663	ug/l	99
16) Acetone	2.373	43	62230	83.591	ug/l	95
17) Carbon Disulfide	2.514	76	49398	18.070	ug/l	100
18) Methyl Acetate	2.697	43	32427	20.820	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	65681	19.452	ug/l	93
20) Methylene Chloride	2.794	84	22474	19.958	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	19990	19.972	ug/l	91
22) Diisopropyl ether	3.757	45	69317	19.404	ug/l	97
23) Vinyl Acetate	3.721	43	321642	96.862	ug/l	98
24) 1,1-Dichloroethane	3.605	63	38236	19.456	ug/l	99
25) 2-Butanone	4.550	43	95704	89.457	ug/l	97
26) 2,2-Dichloropropane	4.477	77	27301	17.309	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	23135	20.153	ug/l	99
28) Bromochloromethane	4.904	49	17028	19.115	ug/l	95
29) Tetrahydrofuran	5.001	42	63813	92.671	ug/l	100
30) Chloroform	5.093	83	40495	20.873	ug/l	95
31) Cyclohexane	5.470	56	30863	17.666	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	34071	20.513	ug/l	98
36) 1,1-Dichloropropene	5.690	75	29215	20.306	ug/l	100
37) Ethyl Acetate	4.715	43	34890	18.177	ug/l	97
38) Carbon Tetrachloride	5.672	117	27957	21.216	ug/l	98
39) Methylcyclohexane	7.379	83	33185	19.208	ug/l	98
40) Benzene	6.037	78	83734	20.553	ug/l	97

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/24/2024
 Supervised By : Mahesh Dadoda 01/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	18720	19.944	ug/l	93
42) 1,2-Dichloroethane	6.086	62	34173	22.063	ug/l	99
43) Isopropyl Acetate	6.336	43	56278	19.987	ug/l	98
44) Trichloroethene	7.129	130	22159	22.193	ug/l	99
45) 1,2-Dichloropropane	7.427	63	22362	20.461	ug/l	100
46) Dibromomethane	7.580	93	16141	21.383	ug/l	97
47) Bromodichloromethane	7.818	83	30384	21.733	ug/l	95
48) Methyl methacrylate	7.690	41	27771	20.066	ug/l	93
49) 1,4-Dioxane	7.653	88	9993	373.150	ug/l #	96
51) 4-Methyl-2-Pentanone	8.567	43	195597	100.865	ug/l	98
52) Toluene	8.720	92	52536	21.589	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	31161	21.005	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	33860	20.757	ug/l	100
55) 1,1,2-Trichloroethane	9.147	97	22107	21.338	ug/l	93
56) Ethyl methacrylate	9.116	69	34312	20.463	ug/l	95
57) 1,3-Dichloropropane	9.305	76	37428	21.318	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	62059	78.300	ug/l	96
59) 2-Hexanone	9.427	43	154499	100.666	ug/l	98
60) Dibromochloromethane	9.519	129	21593	22.100	ug/l	96
61) 1,2-Dibromoethane	9.610	107	23552	21.952	ug/l	100
64) Tetrachloroethene	9.275	164	17959	21.508	ug/l	94
65) Chlorobenzene	10.079	112	56695	21.200	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	19779	21.720	ug/l	99
67) Ethyl Benzene	10.195	91	102296	20.603	ug/l	98
68) m/p-Xylenes	10.299	106	76611	41.956	ug/l	95
69) o-Xylene	10.640	106	37749	20.875	ug/l	96
70) Styrene	10.652	104	62329	21.100	ug/l	98
71) Bromoform	10.799	173	14754	21.577	ug/l #	98
73) Isopropylbenzene	10.963	105	99968	19.618	ug/l	99
74) N-amyl acetate	10.841	43	49175	18.513	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	38170	19.616	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	31528m	19.000	ug/l	
77) Bromobenzene	11.195	156	23303	20.538	ug/l	99
78) n-propylbenzene	11.305	91	123750	20.064	ug/l	98
79) 2-Chlorotoluene	11.360	91	73837	19.370	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	86603	20.010	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	8271	16.625	ug/l	92
82) 4-Chlorotoluene	11.451	91	85550	19.786	ug/l	99
83) tert-Butylbenzene	11.713	119	81483	19.720	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	85128	19.715	ug/l	99
85) sec-Butylbenzene	11.890	105	107364	20.017	ug/l	99
86) p-Isopropyltoluene	12.006	119	86733	20.232	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	44689	20.547	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	45186	20.116	ug/l	98
89) n-Butylbenzene	12.329	91	83266	20.110	ug/l	96
90) Hexachloroethane	12.536	117	14101	19.498	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	44032	20.478	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8781	18.416	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	27084	20.612	ug/l	97
94) Hexachlorobutadiene	13.725	225	11313	20.711	ug/l	99
95) Naphthalene	13.774	128	94549	19.546	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	27106	20.440	ug/l	100

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ClientSampleId :
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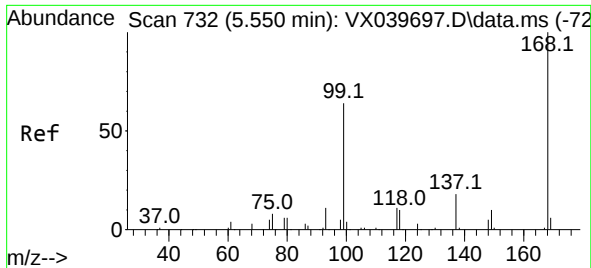
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

Quant Time: Jan 24 02:36:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration

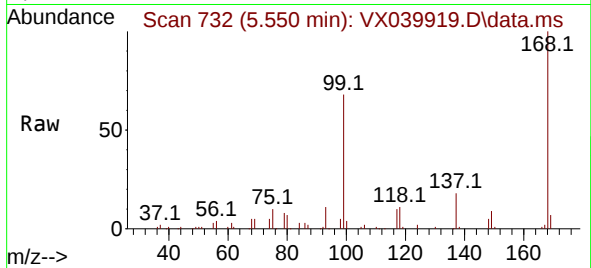
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039919.D
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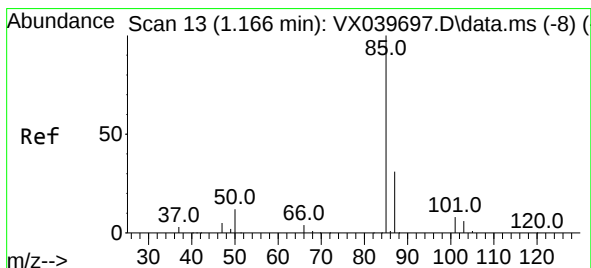
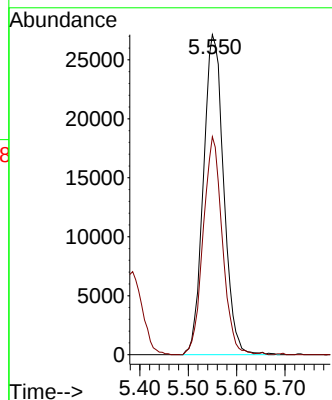
Instrument :
MSVOA_X
ClientSampleId :
VX0123MBS01



Tgt Ion:168 Resp: 7902
Ion Ratio Lower Upper
168 100
99 68.1 56.6 85.0

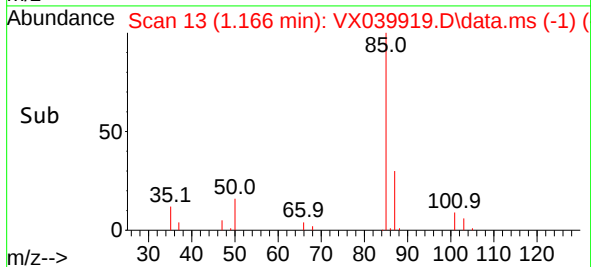
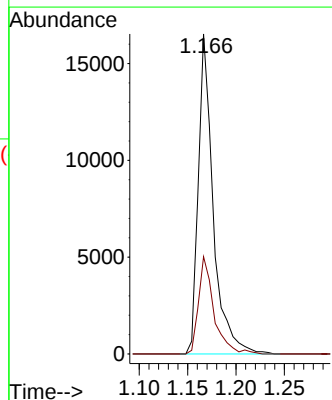
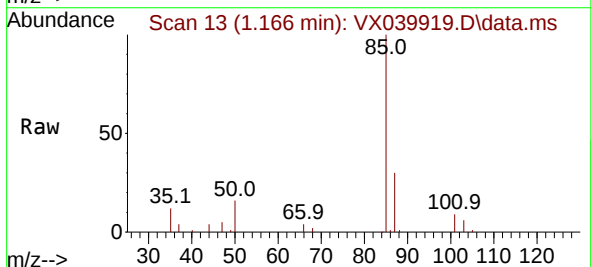
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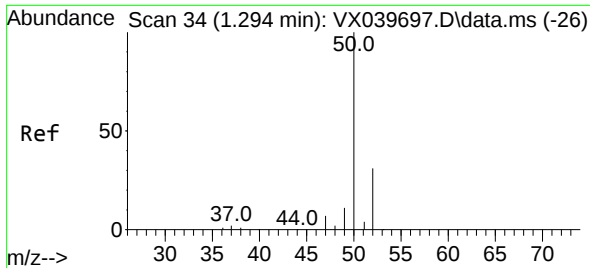
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#2
Dichlorodifluoromethane
Concen: 17.367 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

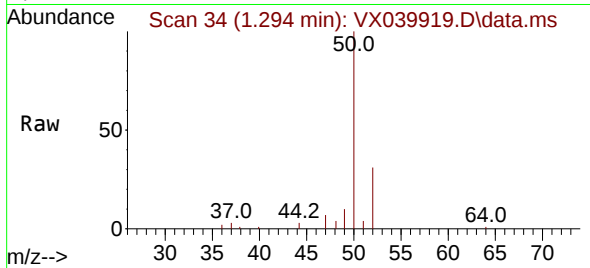
Tgt Ion: 85 Resp: 17756
Ion Ratio Lower Upper
85 100
87 30.4 16.7 50.1





#3
Chloromethane
Concen: 16.749 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

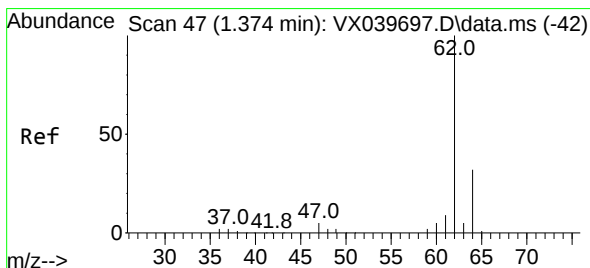
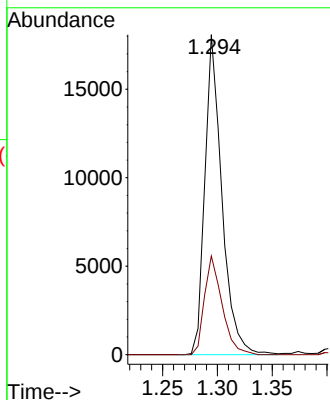
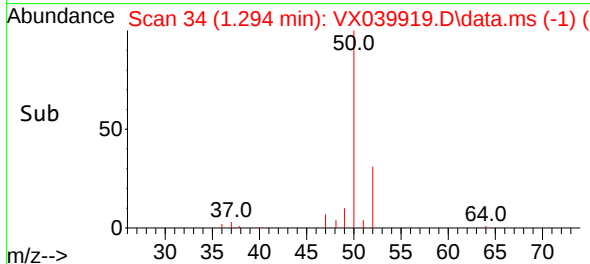
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 1955
Ion Ratio Lower Upper
50 100
52 30.8 25.5 38.3

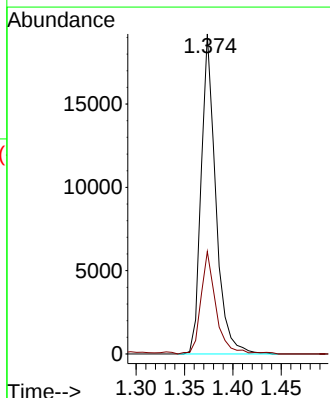
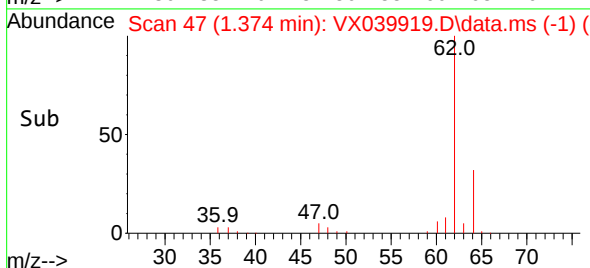
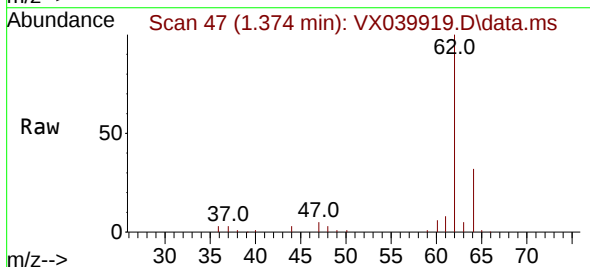
Manual Integrations
APPROVED

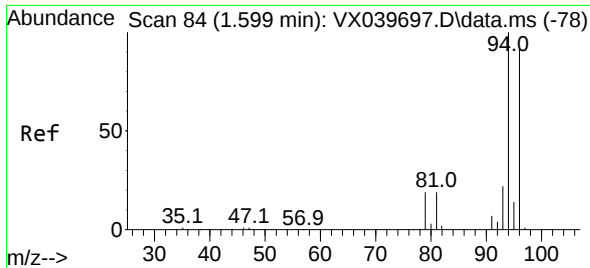
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#4
Vinyl Chloride
Concen: 18.341 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

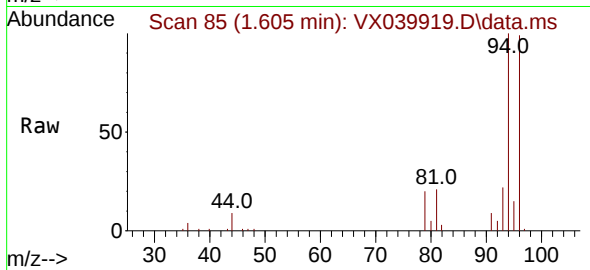
Tgt Ion: 62 Resp: 20211
Ion Ratio Lower Upper
62 100
64 32.0 25.4 38.0





#5
Bromomethane
Concen: 20.883 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

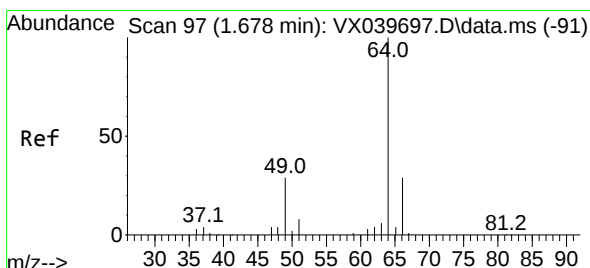
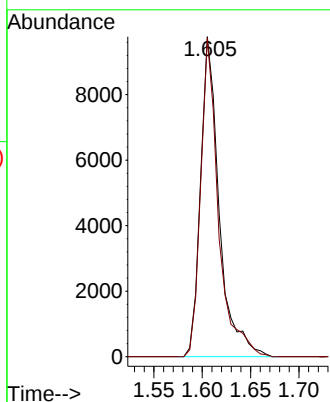
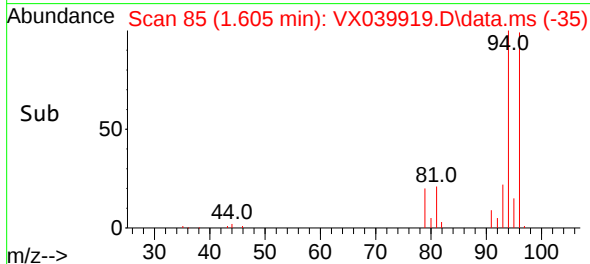
Instrument :
MSVOA_X
ClientSampleId :
VX0123MBS01



Tgt Ion: 94 Resp: 13130
Ion Ratio Lower Upper
94 100
96 99.5 74.6 111.8

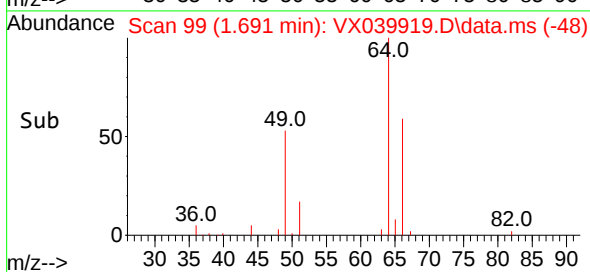
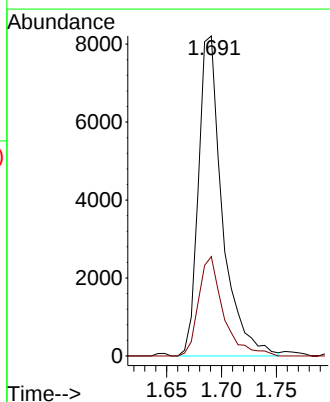
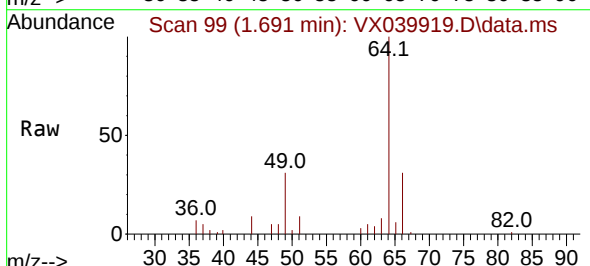
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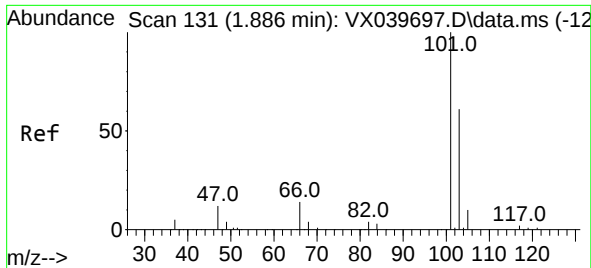
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#6
Chloroethane
Concen: 19.900 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

Tgt Ion: 64 Resp: 12466
Ion Ratio Lower Upper
64 100
66 31.1 25.1 37.7





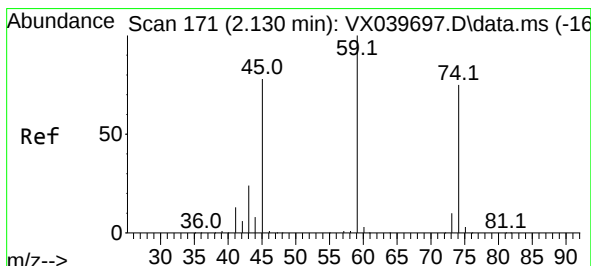
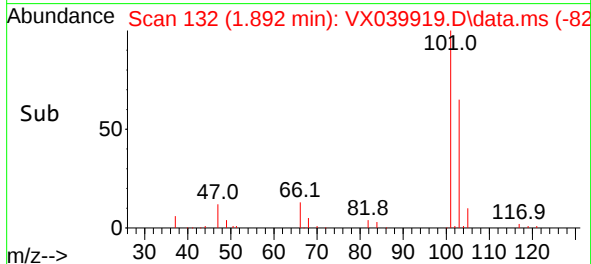
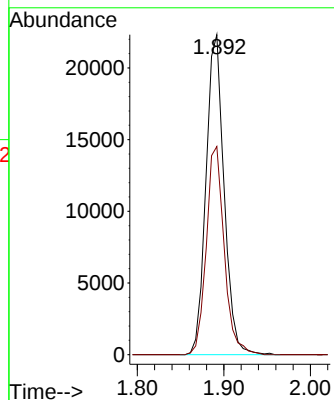
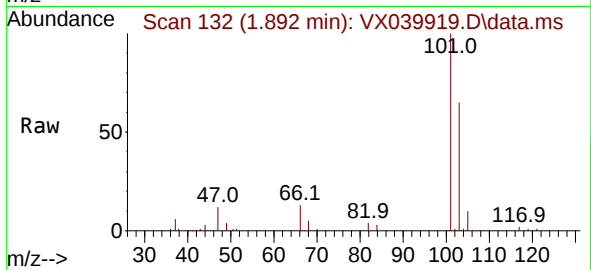
#7
Trichlorofluoromethane
Concen: 20.305 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

Instrument :
MSVOA_X
ClientSampleId :
VX0123MBS01

Tgt Ion:101 Resp: 3227
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.2

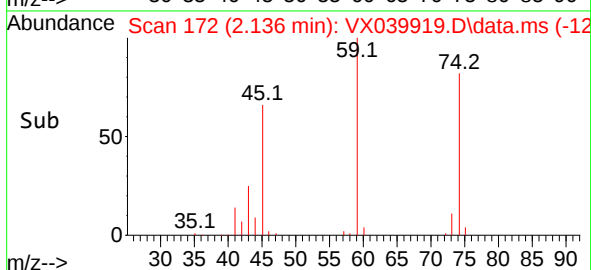
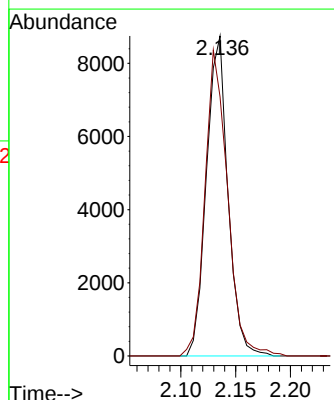
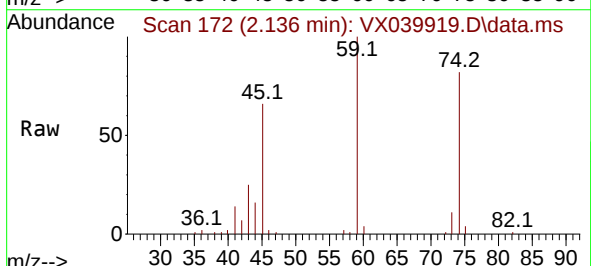
Manual Integrations
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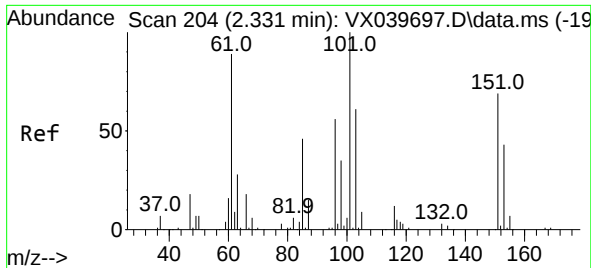
Reviewed By :John Carlone 01/24/2024
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#8
Diethyl Ether
Concen: 20.303 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

Tgt Ion: 74 Resp: 11927
Ion Ratio Lower Upper
74 100
45 100.4 53.3 159.8





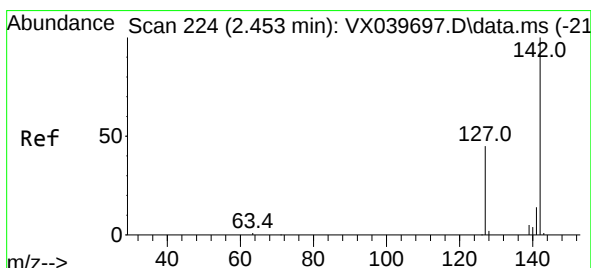
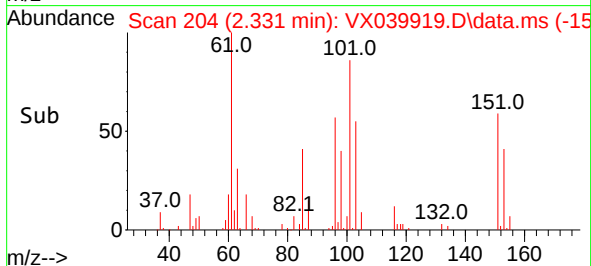
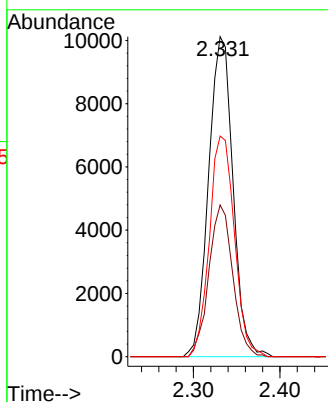
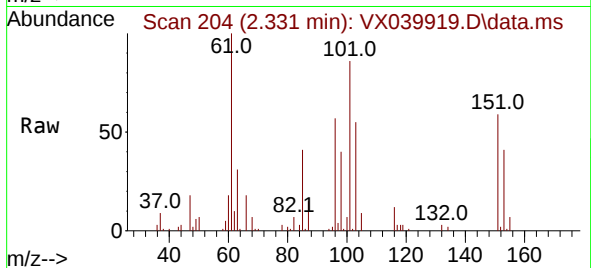
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.083 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

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MSVOA_X
ClientSampleId :
VX0123MBS01

Tgt Ion:101 Resp: 19792
Ion Ratio Lower Upper
101 100
85 46.5 37.0 55.6
151 70.7 58.6 87.8

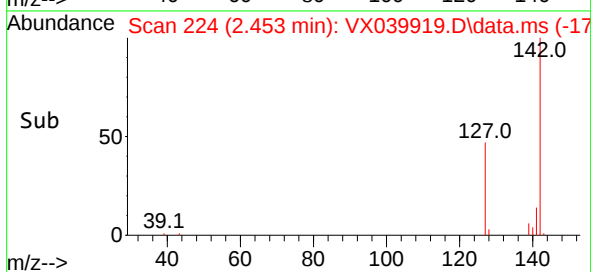
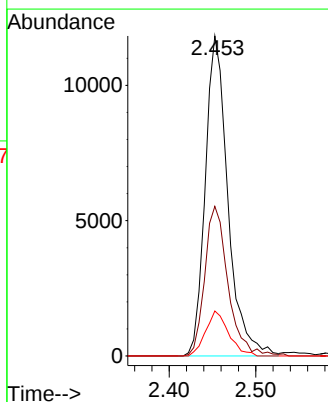
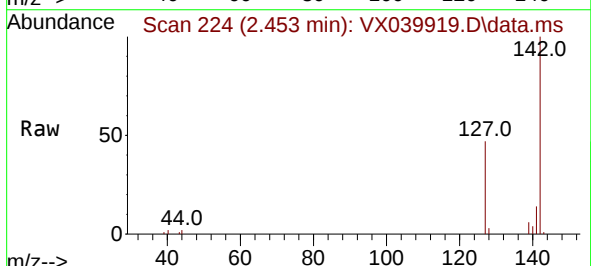
Manual Integrations
APPROVED

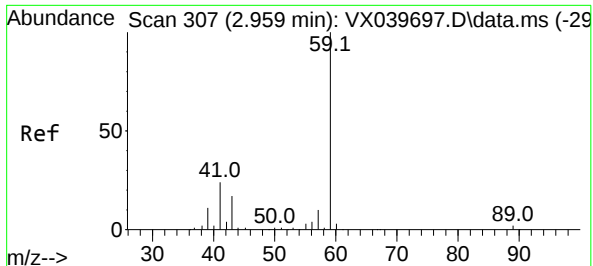
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#10
Methyl Iodide
Concen: 20.675 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

Tgt Ion:142 Resp: 21495
Ion Ratio Lower Upper
142 100
127 48.0 41.6 62.4
141 14.2 11.6 17.4





#11

Tert butyl alcohol

Concen: 89.457 ug/l

RT: 2.953 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX039919.D

Acq: 23 Jan 2024 18:57

Instrument :

MSVOA_X

ClientSampleId :

VX0123MBS01

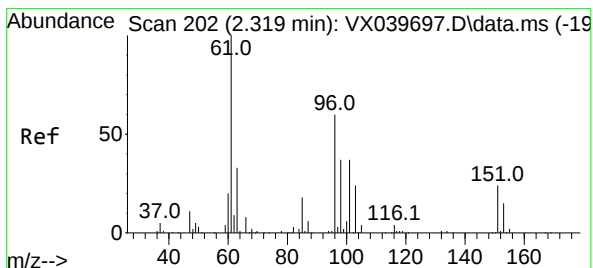
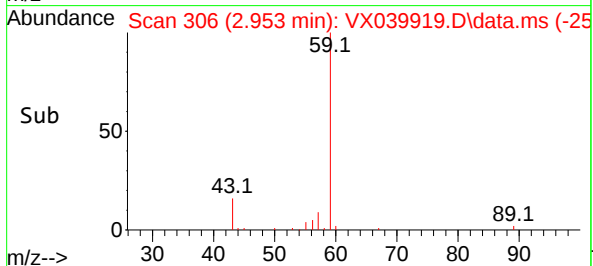
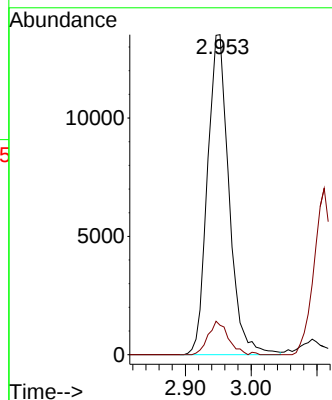
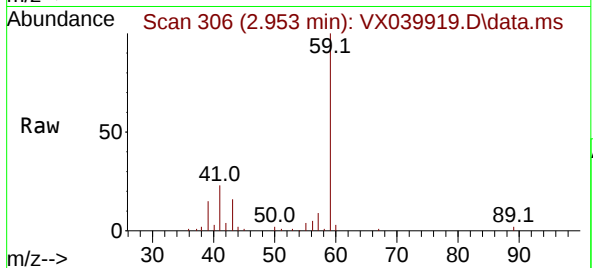
Tgt Ion: 59 Resp: 30825
 Ion Ratio Lower Upper
 59 100
 57 9.6 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#12

1,1-Dichloroethene

Concen: 19.199 ug/l

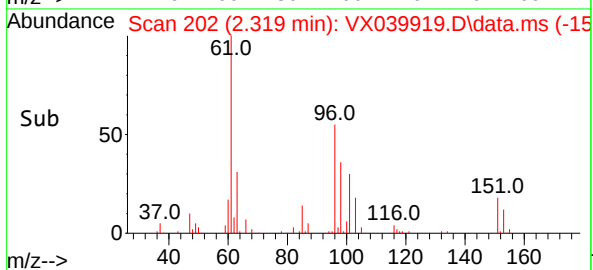
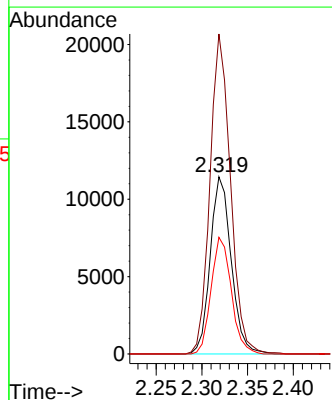
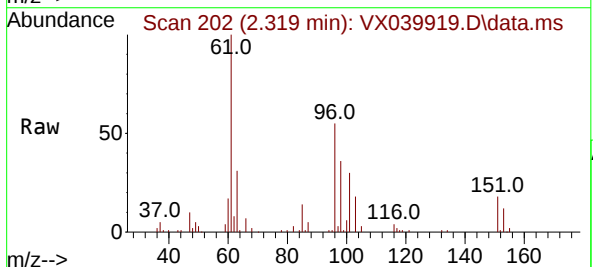
RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX039919.D

Acq: 23 Jan 2024 18:57

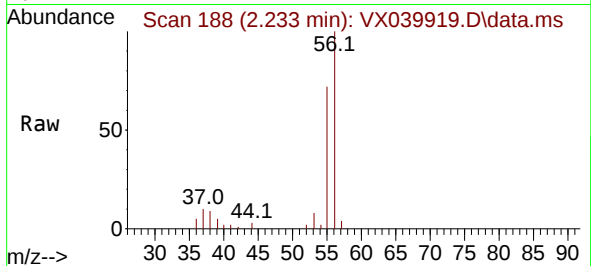
Tgt Ion: 96 Resp: 18260
 Ion Ratio Lower Upper
 96 100
 61 180.6 144.6 216.8
 98 65.9 50.4 75.6





#13
Acrolein
Concen: 86.699 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

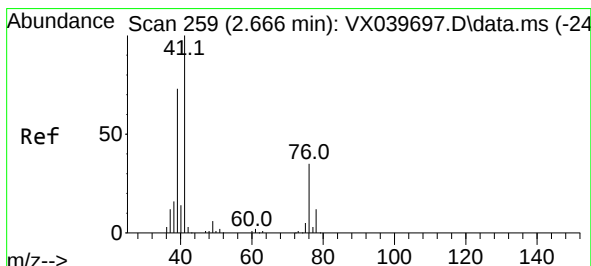
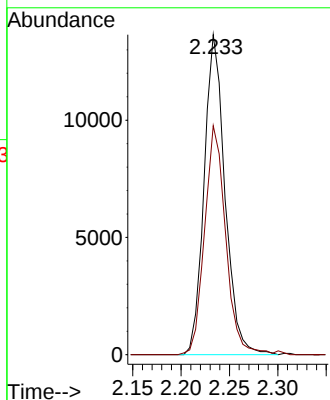
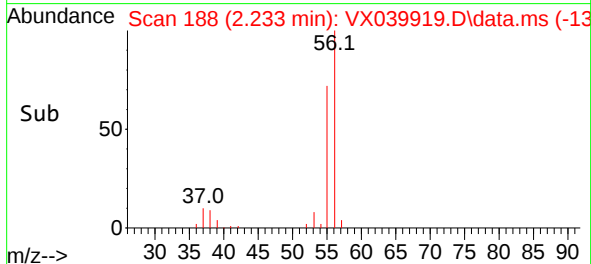
Instrument :
MSVOA_X
ClientSampleId :
VX0123MBS01



Tgt Ion: 56 Resp: 20489
Ion Ratio Lower Upper
56 100
55 72.7 57.1 85.7

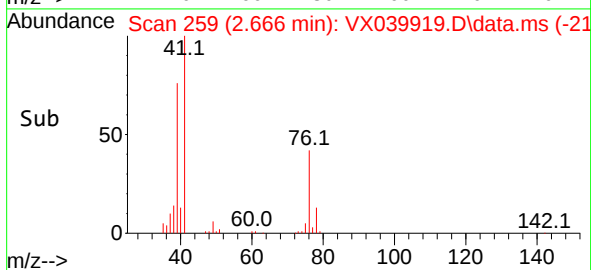
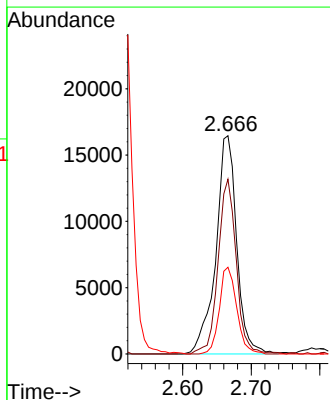
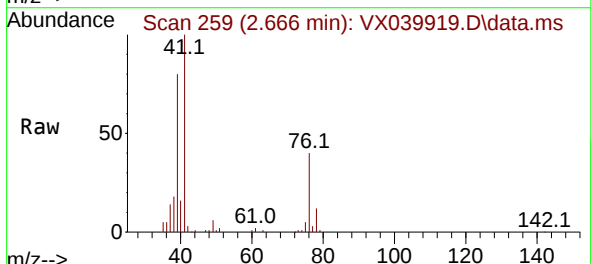
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#14
Allyl chloride
Concen: 18.570 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

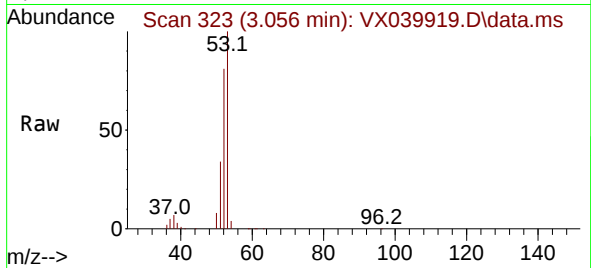
Tgt Ion: 41 Resp: 34762
Ion Ratio Lower Upper
41 100
39 69.7 55.8 83.6
76 33.0 24.3 36.5





#15
Acrylonitrile
Concen: 94.663 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

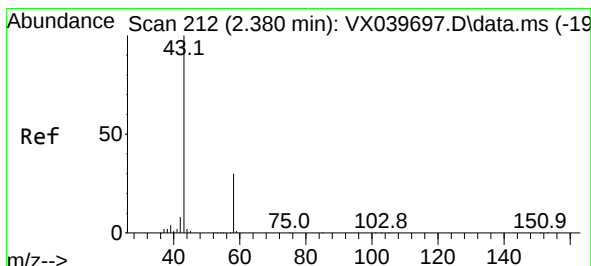
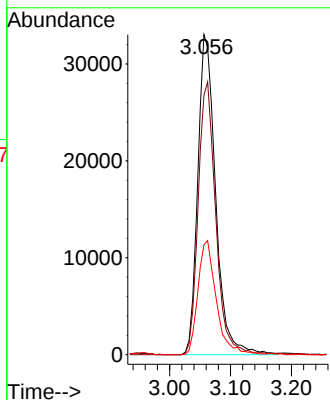
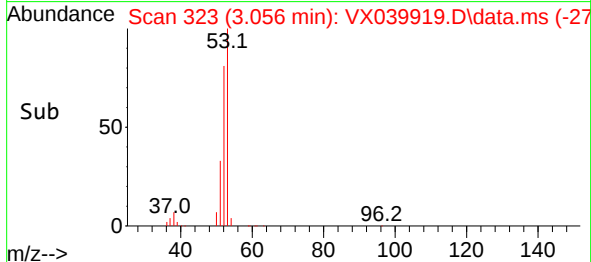
Instrument :
MSVOA_X
ClientSampleId :
VX0123MBS01



Tgt Ion: 53 Resp: 67379
Ion Ratio Lower Upper
53 100
52 83.2 66.0 99.0
51 36.7 29.8 44.6

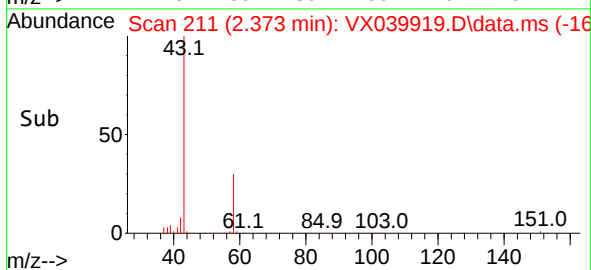
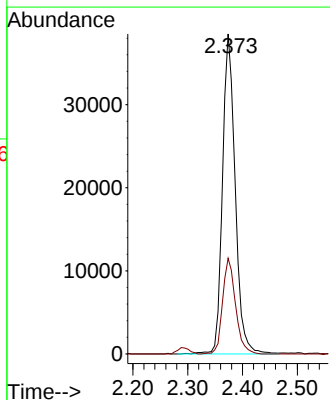
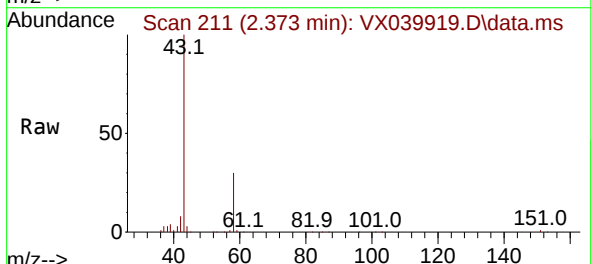
Manual Integrations
APPROVED

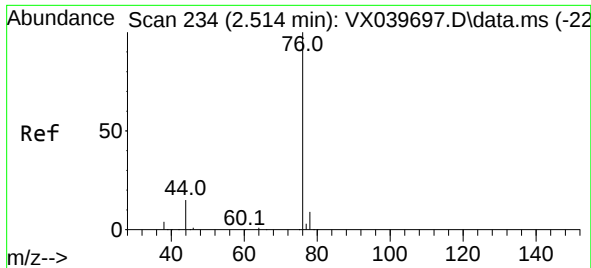
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#16
Acetone
Concen: 83.591 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

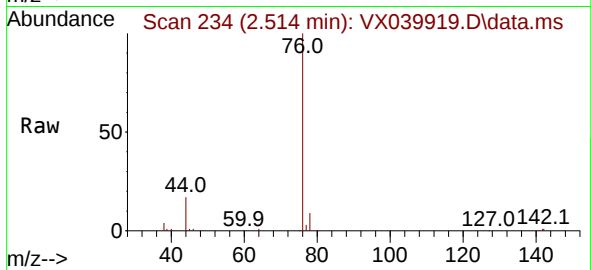
Tgt Ion: 43 Resp: 62230
Ion Ratio Lower Upper
43 100
58 29.9 21.9 32.9





#17
Carbon Disulfide
Concen: 18.070 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

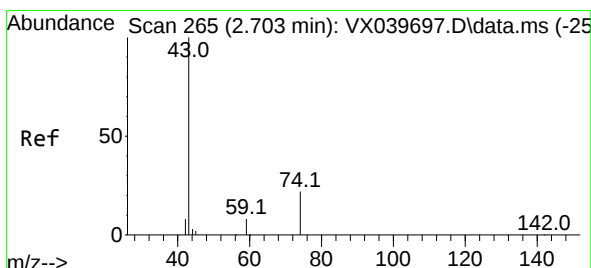
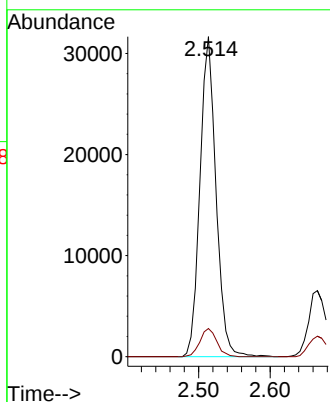
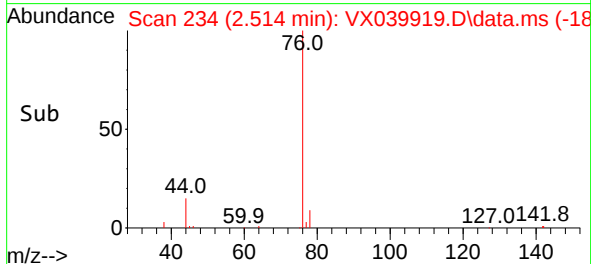
Instrument :
MSVOA_X
ClientSampleId :
VX0123MBS01



Tgt Ion: 76 Resp: 49398
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

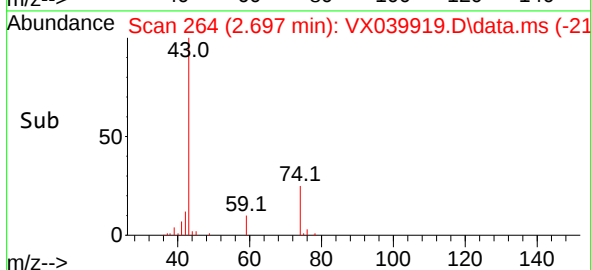
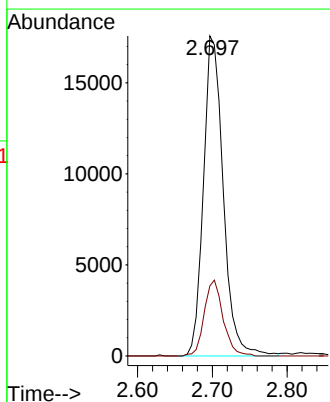
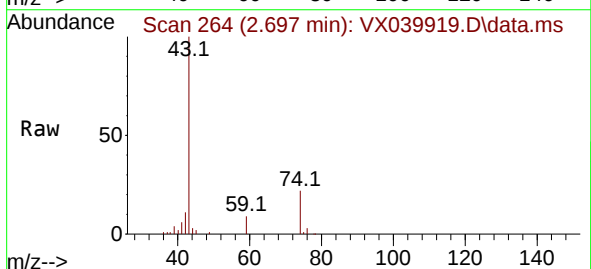
Manual Integrations
APPROVED

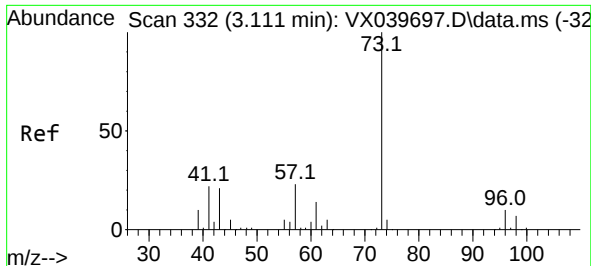
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#18
Methyl Acetate
Concen: 20.820 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

Tgt Ion: 43 Resp: 32427
Ion Ratio Lower Upper
43 100
74 22.5 17.8 26.8





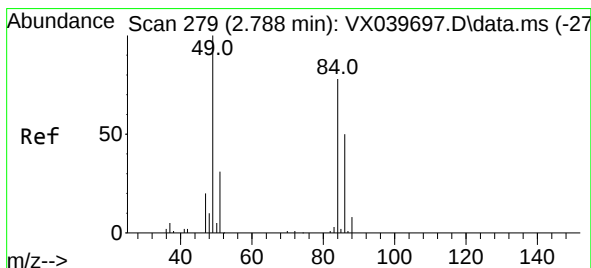
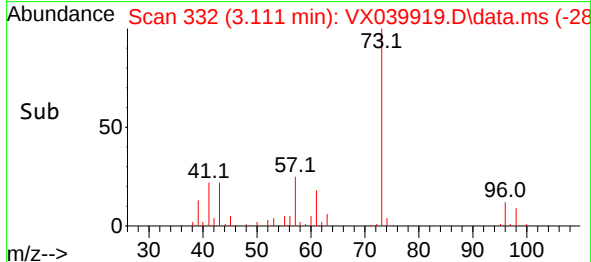
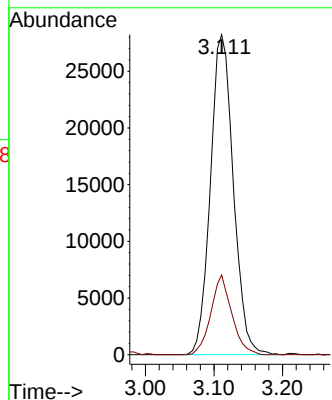
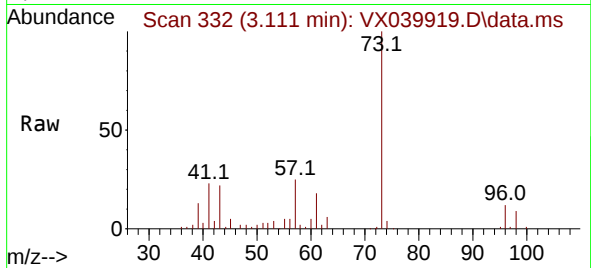
#19
Methyl tert-butyl Ether
Concen: 19.452 ug/l
RT: 3.111 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

Instrument :
MSVOA_X
ClientSampleId :
VX0123MBS01

Tgt Ion: 73 Resp: 6568
Ion Ratio Lower Upper
73 100
57 24.9 17.3 25.9

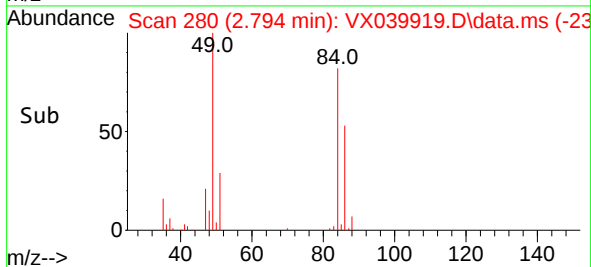
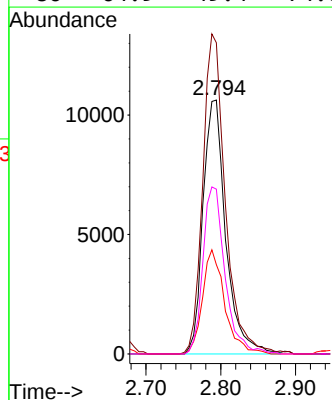
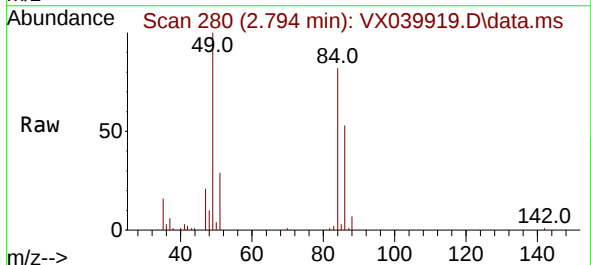
Manual Integrations
APPROVED

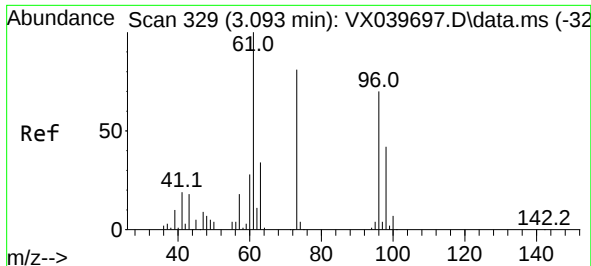
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#20
Methylene Chloride
Concen: 19.958 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

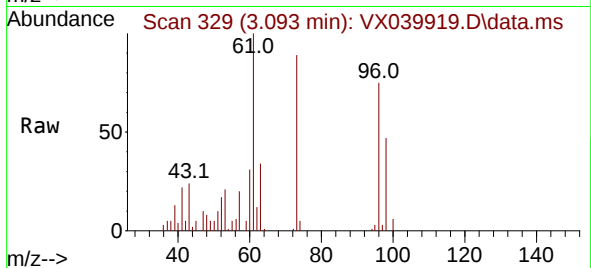
Tgt Ion: 84 Resp: 22474
Ion Ratio Lower Upper
84 100
49 122.6 103.6 155.4
51 35.2 33.8 50.6
86 64.9 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 19.972 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

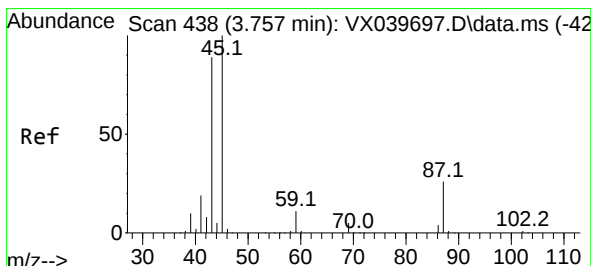
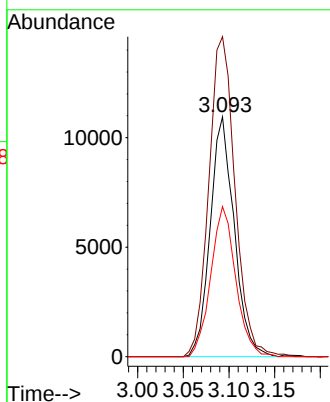
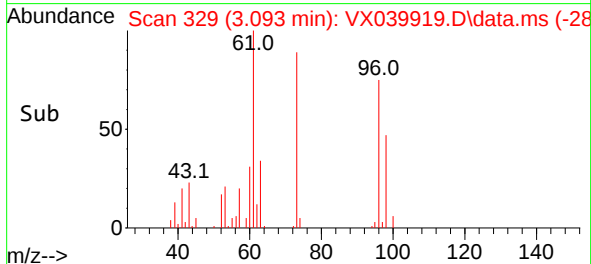
Instrument :
MSVOA_X
ClientSampleId :
VX0123MBS01



Tgt Ion: 96 Resp: 19990
Ion Ratio Lower Upper
96 100
61 133.5 119.2 178.8
98 62.6 48.7 73.1

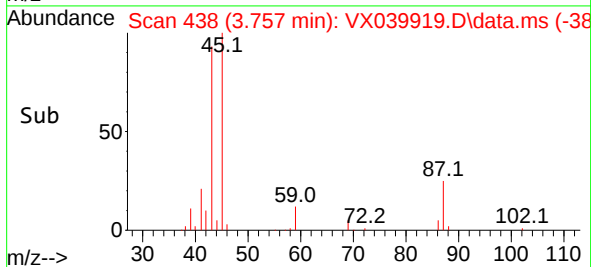
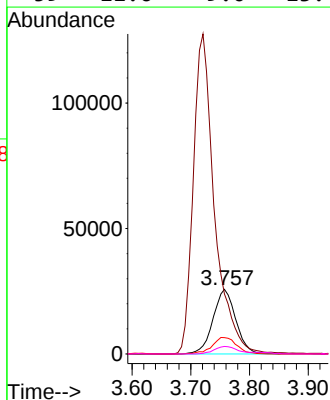
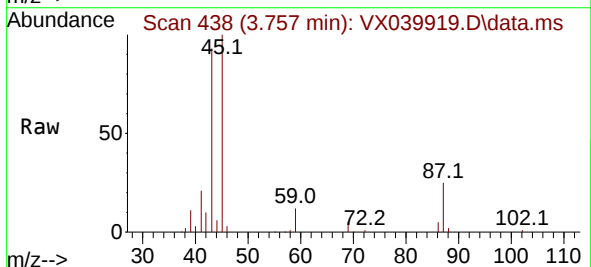
Manual Integrations
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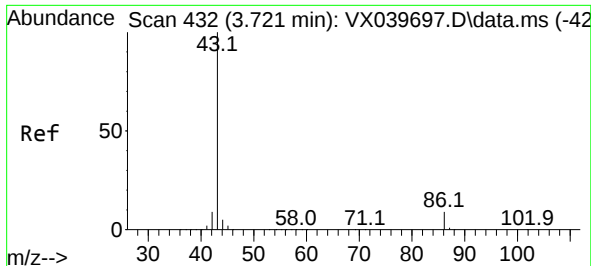
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#22
Diisopropyl ether
Concen: 19.404 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

Tgt Ion: 45 Resp: 69317
Ion Ratio Lower Upper
45 100
43 90.8 69.7 104.5
87 25.3 20.8 31.2
59 11.6 9.0 13.4





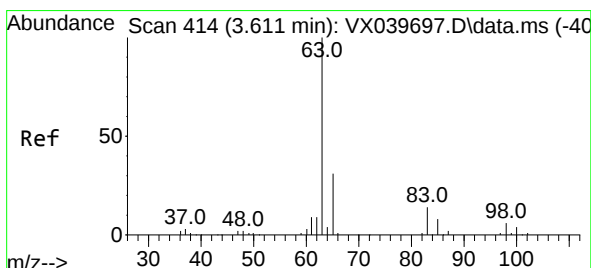
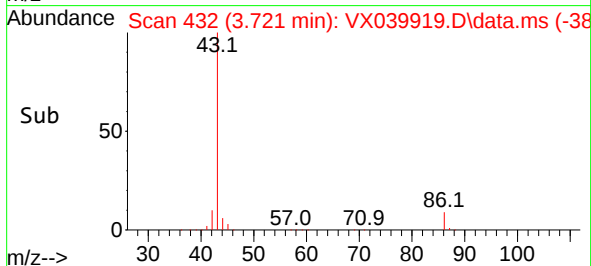
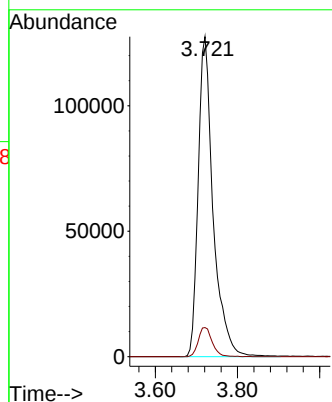
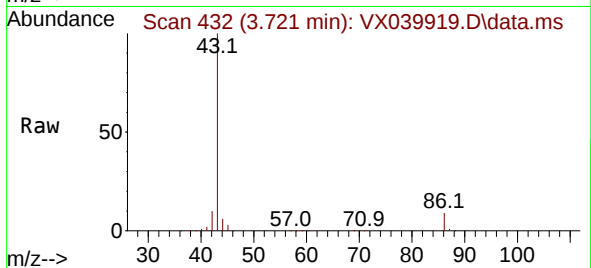
#23
 Vinyl Acetate
 Concen: 96.862 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX039919.D
 Acq: 23 Jan 2024 18:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0123MBS01

Tgt Ion: 43 Resp: 32164
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.8 11.8

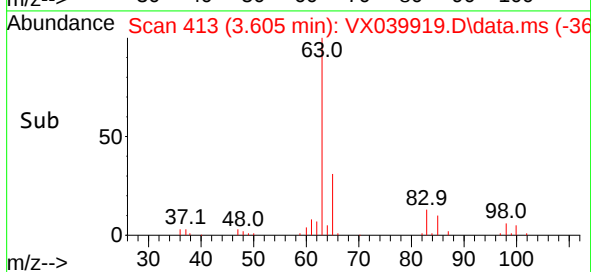
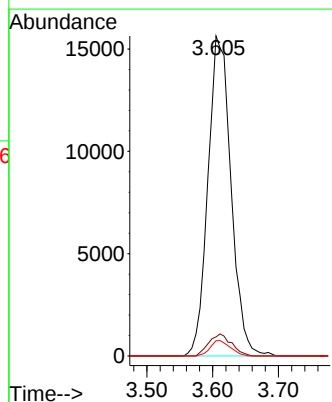
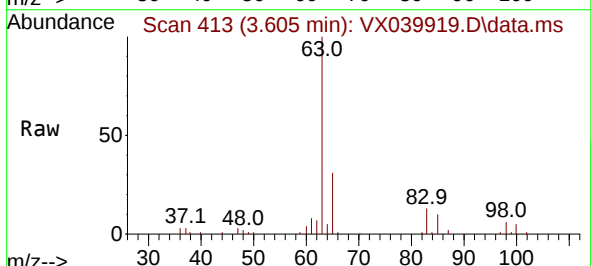
Manual Integrations
 APPROVED

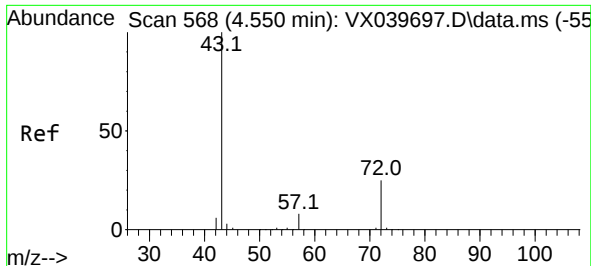
Reviewed By :John Carlone 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024



#24
 1,1-Dichloroethane
 Concen: 19.456 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX039919.D
 Acq: 23 Jan 2024 18:57

Tgt Ion: 63 Resp: 38236
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.3 9.8
 100 4.7 2.1 6.5





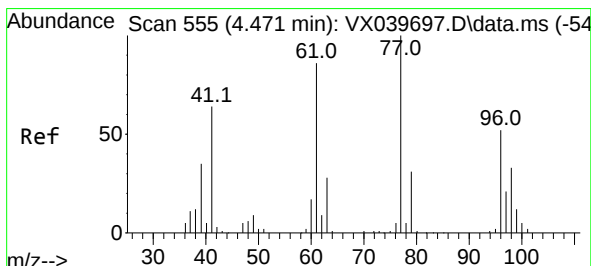
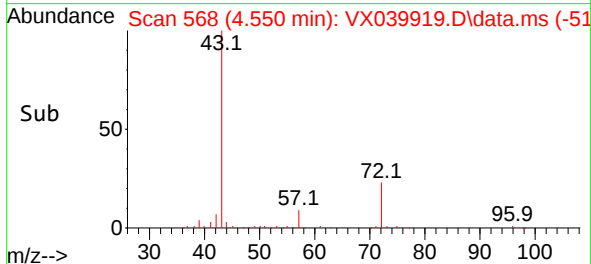
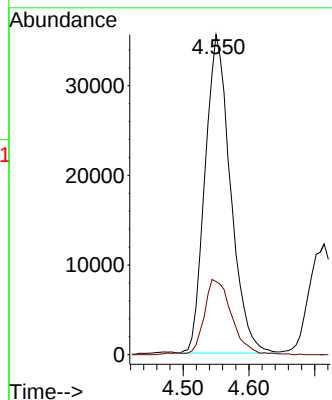
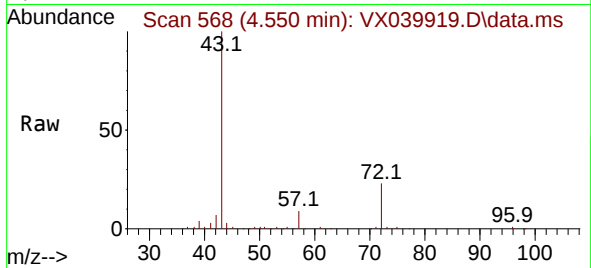
#25
2-Butanone
Concen: 89.457 ug/l
RT: 4.550 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

Instrument :
MSVOA_X
ClientSampleId :
VX0123MBS01

Tgt Ion: 43 Resp: 95704
Ion Ratio Lower Upper
43 100
72 22.7 19.4 29.2

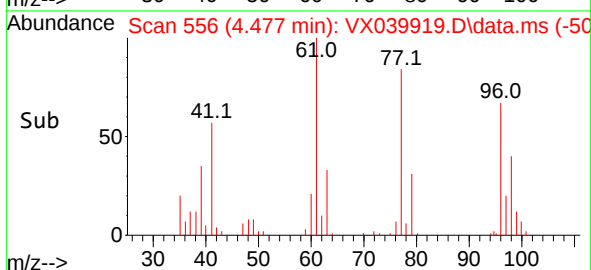
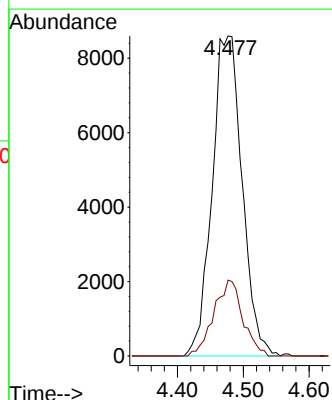
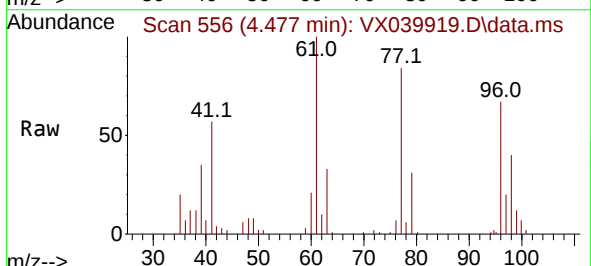
Manual Integrations
APPROVED

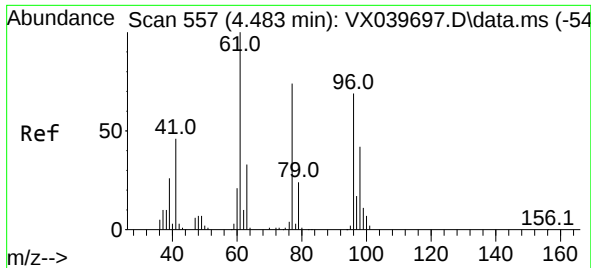
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#26
2,2-Dichloropropane
Concen: 17.309 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

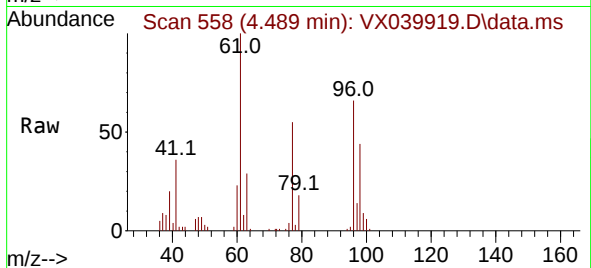
Tgt Ion: 77 Resp: 27301
Ion Ratio Lower Upper
77 100
97 22.8 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 20.153 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX039919.D
 Acq: 23 Jan 2024 18:57

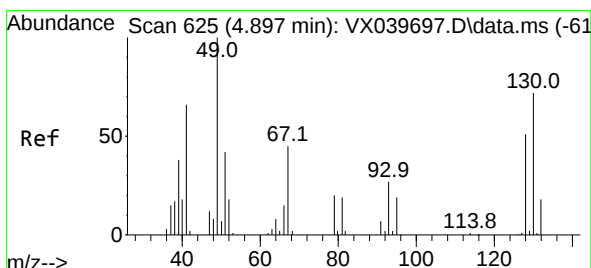
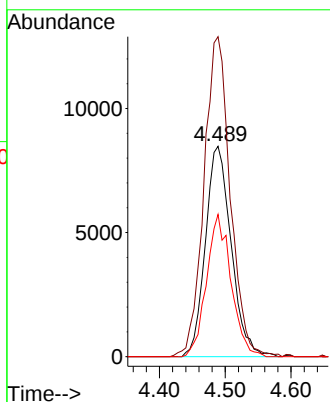
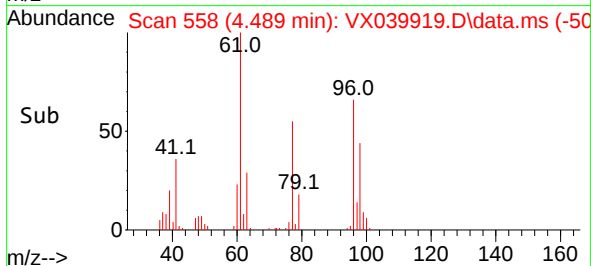
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0123MBS01



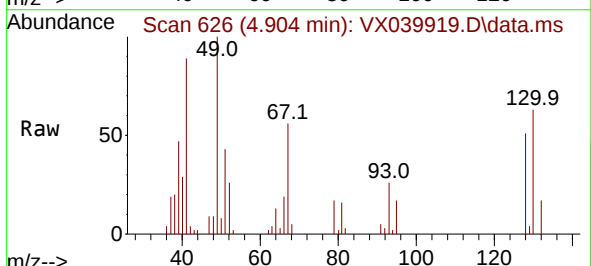
Tgt Ion: 96 Resp: 2313
 Ion Ratio Lower Upper
 96 100
 61 155.0 0.0 312.2
 98 64.3 0.0 129.0

Manual Integrations
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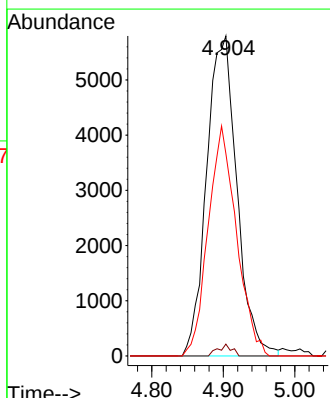
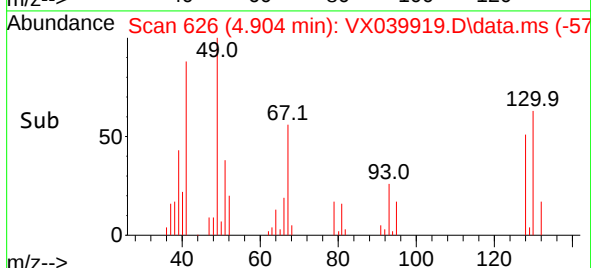
Reviewed By :John Carlone 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024

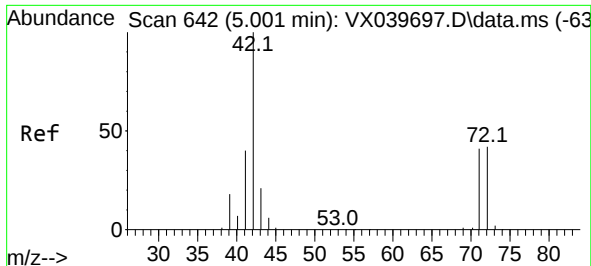


#28
 Bromochloromethane
 Concen: 19.115 ug/l
 RT: 4.904 min Scan# 626
 Delta R.T. 0.006 min
 Lab File: VX039919.D
 Acq: 23 Jan 2024 18:57



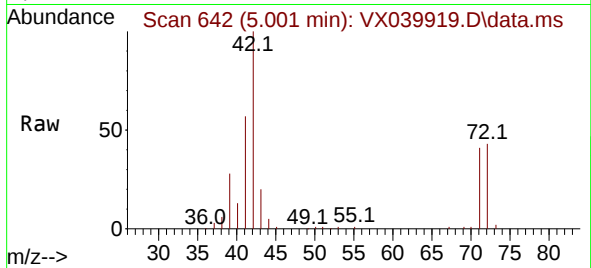
Tgt Ion: 49 Resp: 17028
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.8
 130 67.4 57.5 86.3





#29
Tetrahydrofuran
Concen: 92.671 ug/l
RT: 5.001 min Scan# 642
Delta R.T. -0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

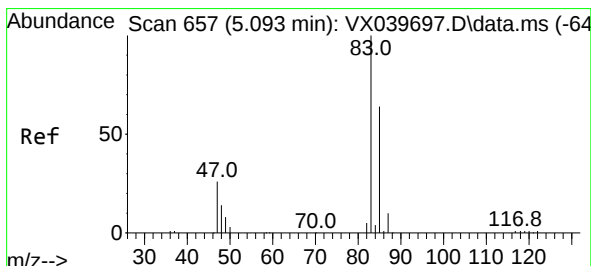
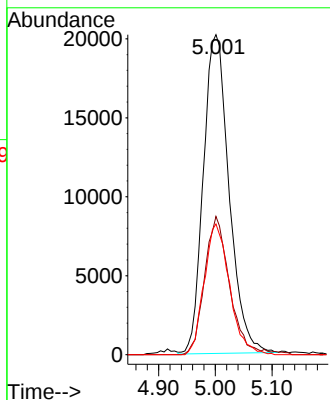
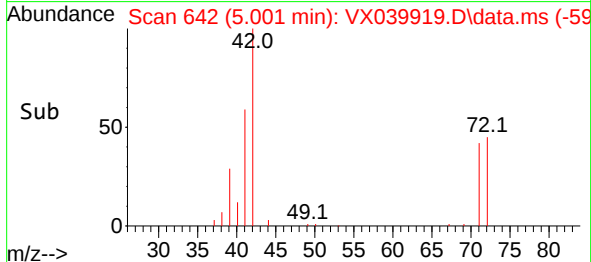
Instrument :
MSVOA_X
ClientSampleId :
VX0123MBS01



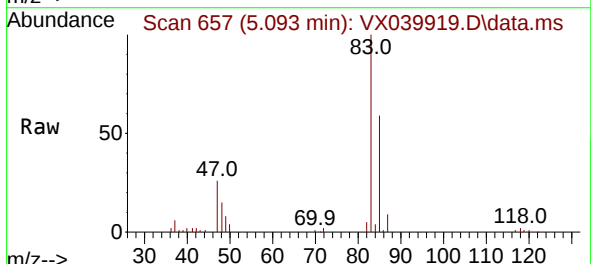
Tgt Ion: 42 Resp: 6381
Ion Ratio Lower Upper
42 100
72 42.5 34.2 51.4
71 40.3 32.2 48.2

Manual Integrations
APPROVED

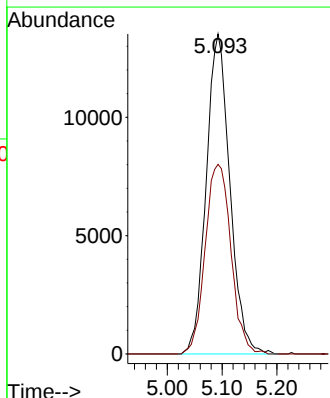
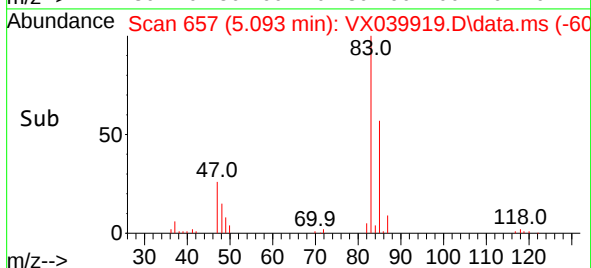
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

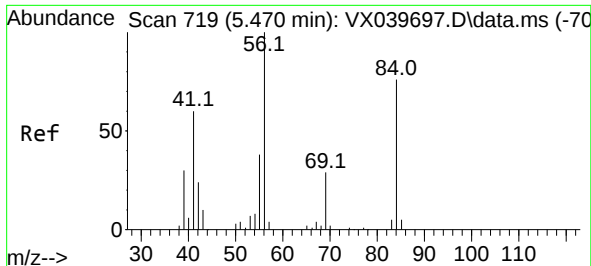


#30
Chloroform
Concen: 20.873 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57



Tgt Ion: 83 Resp: 40495
Ion Ratio Lower Upper
83 100
85 59.2 50.3 75.5





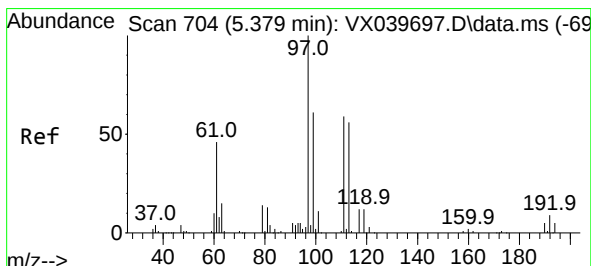
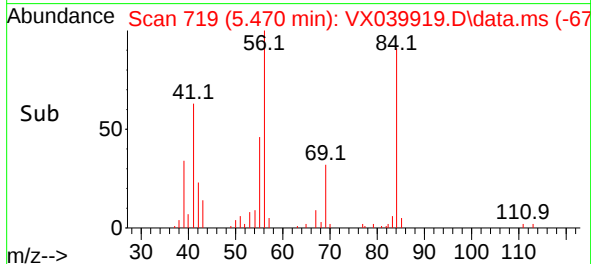
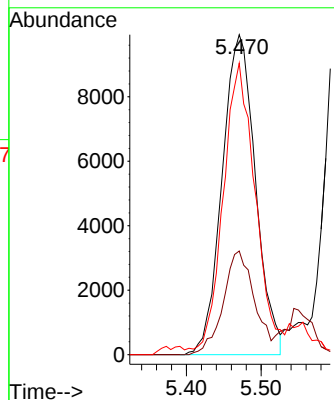
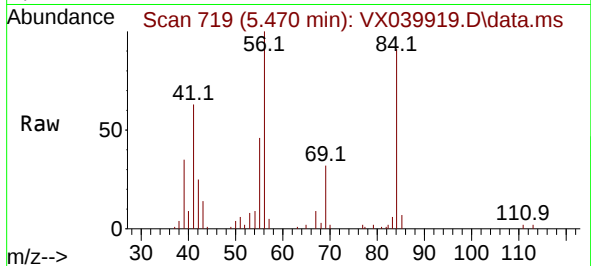
#31
Cyclohexane
Concen: 17.666 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

Instrument :
MSVOA_X
ClientSampleId :
VX0123MBS01

Tgt Ion: 56 Resp: 3086
Ion Ratio Lower Upper
56 100
69 32.4 23.4 35.2
84 88.5 65.9 98.9

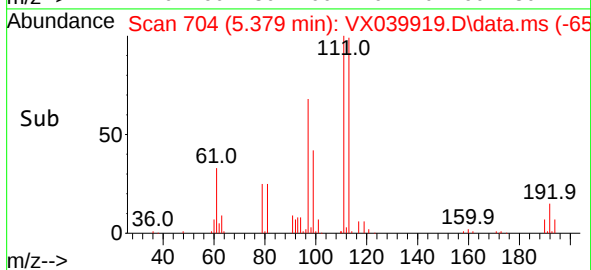
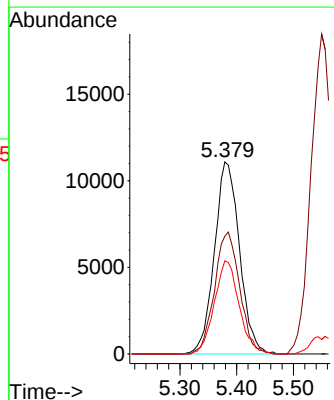
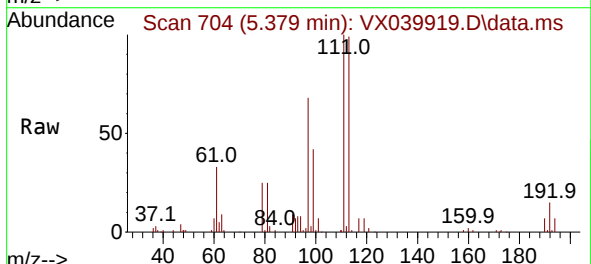
Manual Integrations
APPROVED

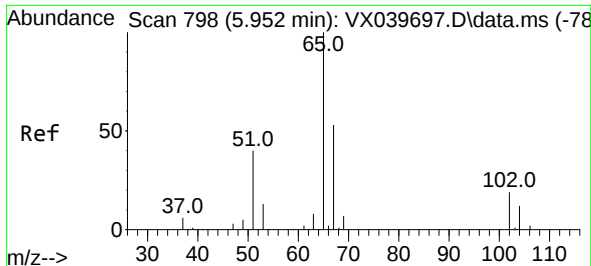
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#32
1,1,1-Trichloroethane
Concen: 20.513 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

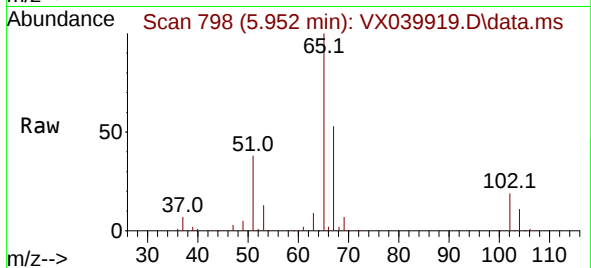
Tgt Ion: 97 Resp: 34071
Ion Ratio Lower Upper
97 100
99 63.4 51.1 76.7
61 48.1 36.4 54.6





#33
1,2-Dichloroethane-d4
Concen: 49.498 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

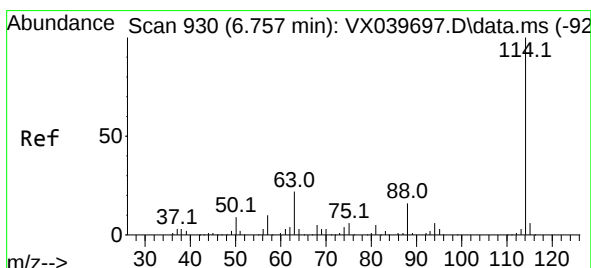
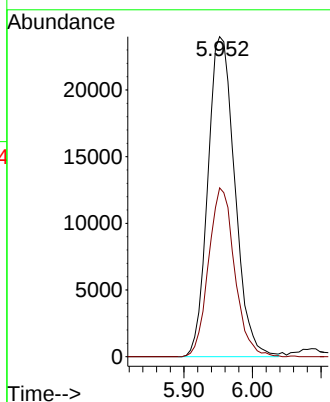
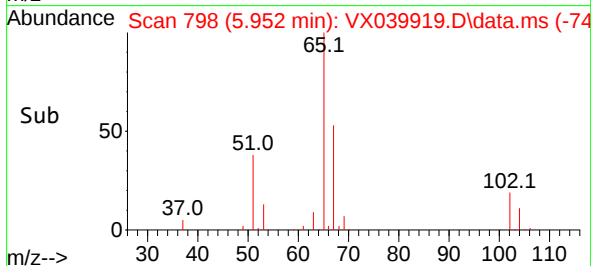
Instrument :
MSVOA_X
ClientSampleId :
VX0123MBS01



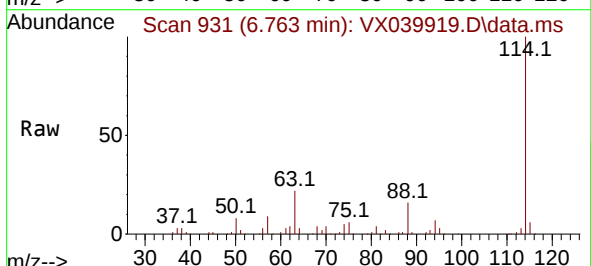
Tgt Ion: 65 Resp: 6552
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.2

Manual Integrations
APPROVED

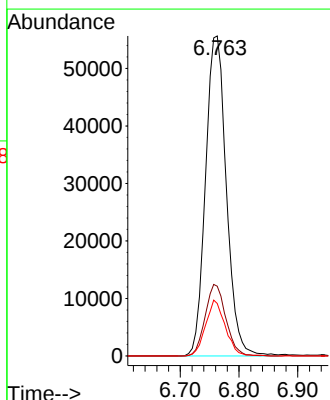
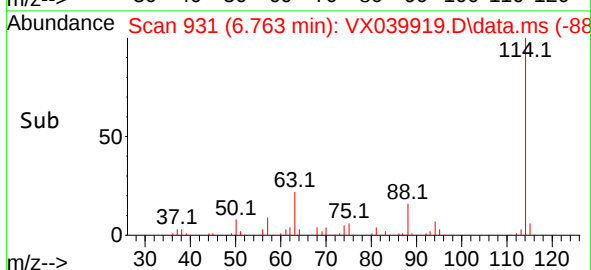
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

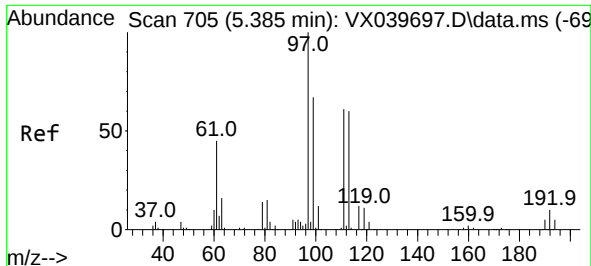


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57



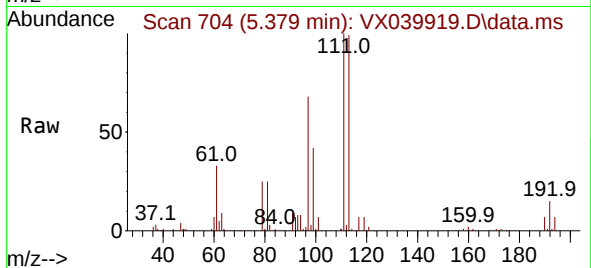
Tgt Ion:114 Resp: 137234
Ion Ratio Lower Upper
114 100
63 21.8 0.0 45.0
88 16.4 0.0 36.6





#35
Dibromofluoromethane
Concen: 52.132 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

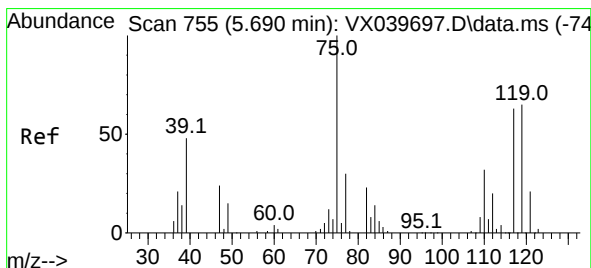
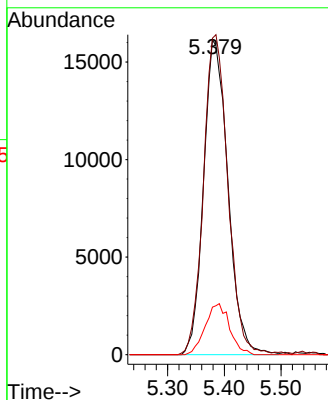
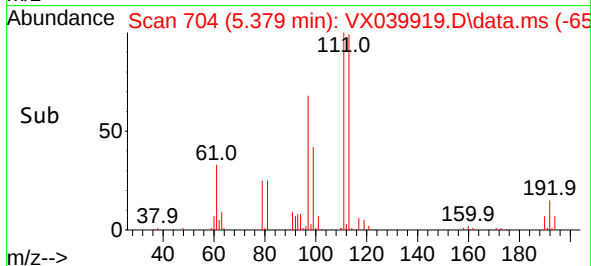
Instrument :
MSVOA_X
ClientSampleId :
VX0123MBS01



Tgt Ion: 113 Resp: 4818
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 16.1 13.3 19.9

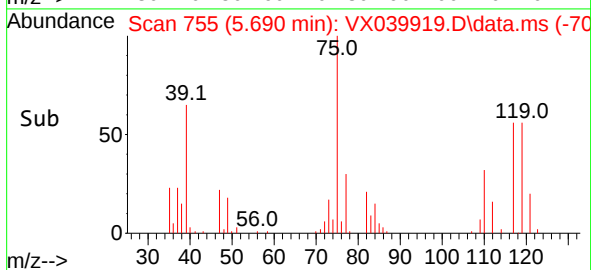
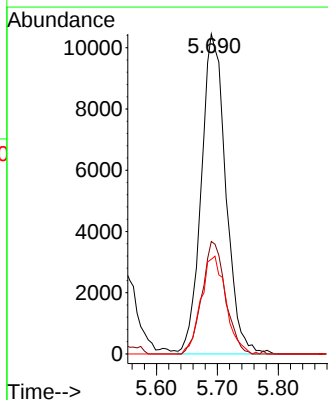
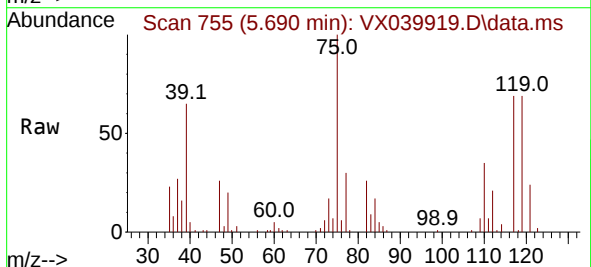
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#36
1,1-Dichloropropene
Concen: 20.306 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

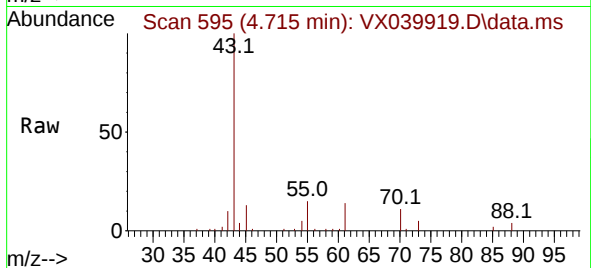
Tgt Ion: 75 Resp: 29215
Ion Ratio Lower Upper
75 100
110 33.5 17.0 50.9
77 31.0 24.7 37.1





#37
Ethyl Acetate
Concen: 18.177 ug/l
RT: 4.715 min Scan# 594
Delta R.T. 0.006 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

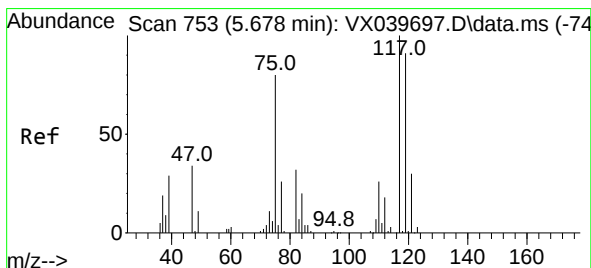
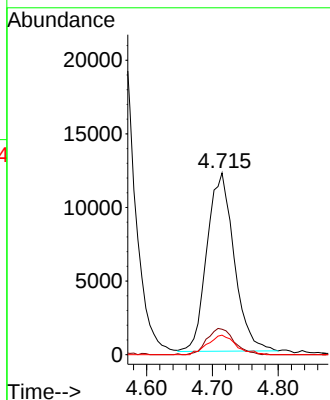
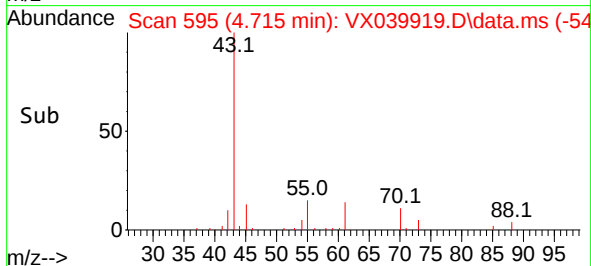
Instrument :
MSVOA_X
ClientSampleId :
VX0123MBS01



Tgt Ion: 43 Resp: 34890
Ion Ratio Lower Upper
43 100
61 14.6 10.6 16.0
70 11.3 8.3 12.5

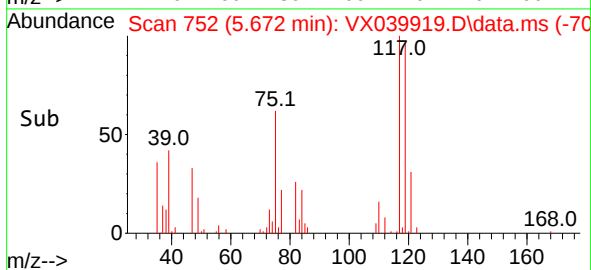
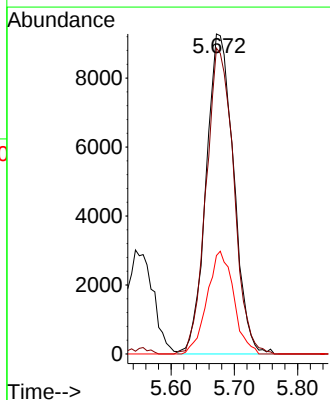
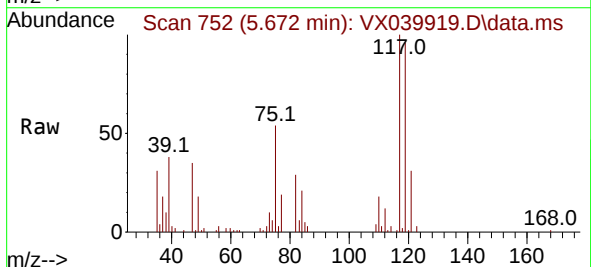
Manual Integrations
APPROVED

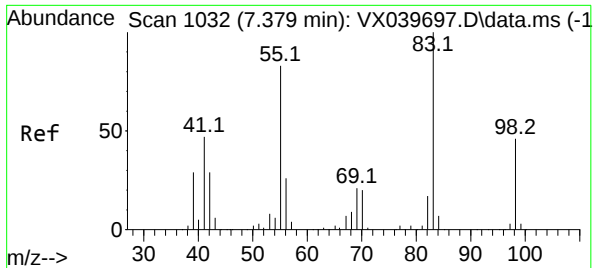
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#38
Carbon Tetrachloride
Concen: 21.216 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

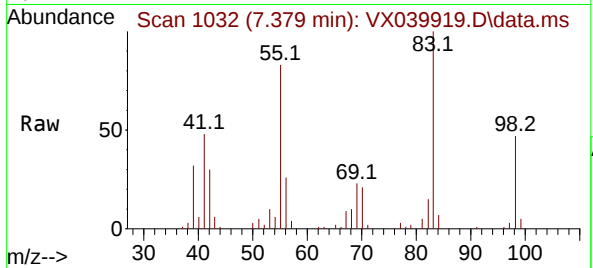
Tgt Ion:117 Resp: 27957
Ion Ratio Lower Upper
117 100
119 95.5 78.2 117.2
121 30.8 24.4 36.6





#39
Methylcyclohexane
Concen: 19.208 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

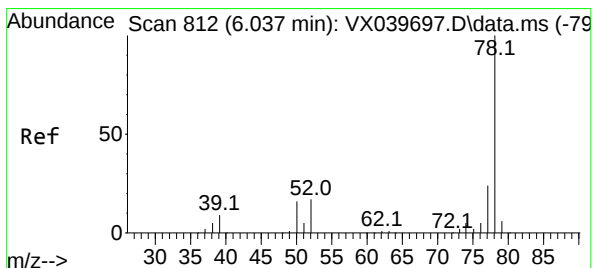
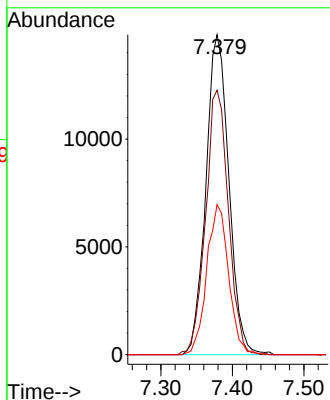
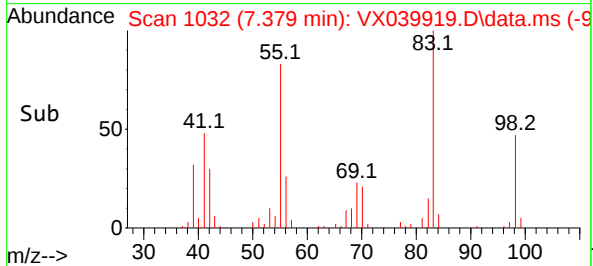
Instrument :
MSVOA_X
ClientSampleId :
VX0123MBS01



Tgt Ion: 83 Resp: 3318
Ion Ratio Lower Upper
83 100
55 82.7 64.6 97.0
98 46.9 36.7 55.1

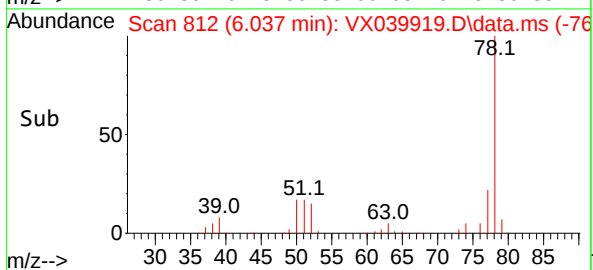
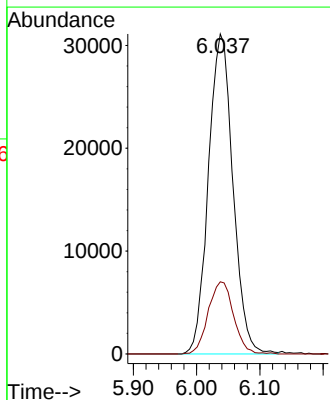
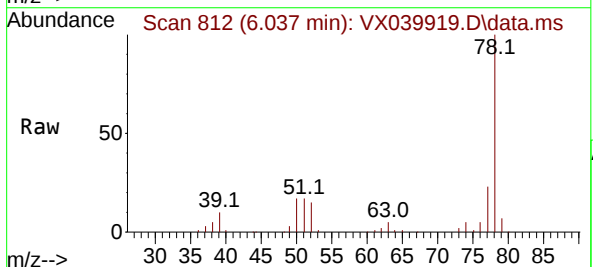
Manual Integrations
APPROVED

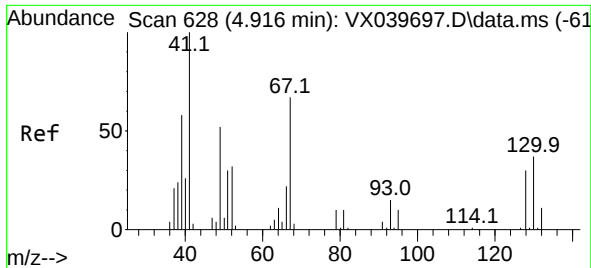
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#40
Benzene
Concen: 20.553 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

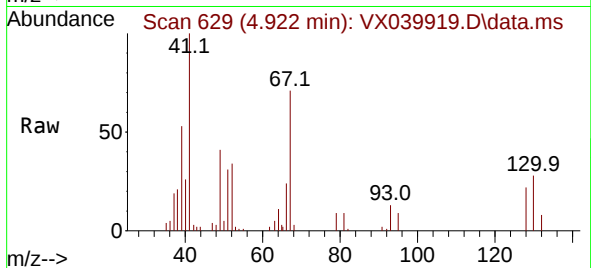
Tgt Ion: 78 Resp: 83734
Ion Ratio Lower Upper
78 100
77 22.6 19.3 28.9





#41
Methacrylonitrile
Concen: 19.944 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

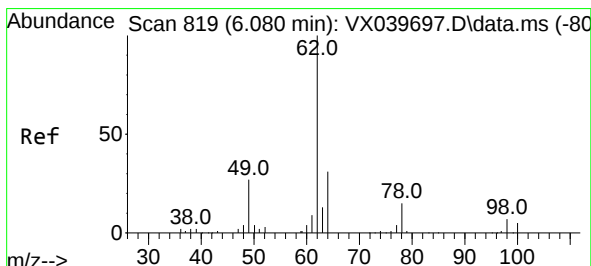
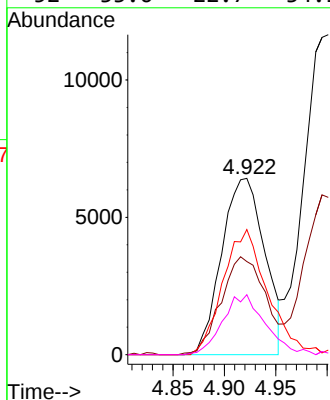
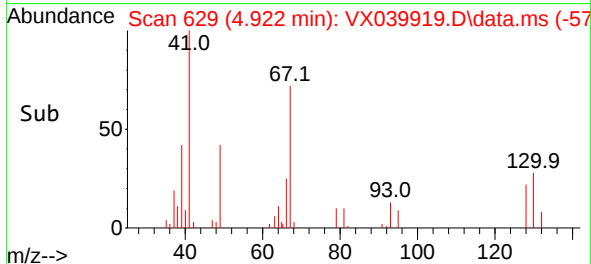
Instrument :
MSVOA_X
ClientSampleId :
VX0123MBS01



Tgt Ion: 41 Resp: 18720
Ion Ratio Lower Upper
41 100
39 56.4 45.2 67.8
67 74.2 52.6 78.8
52 33.6 22.7 34.1

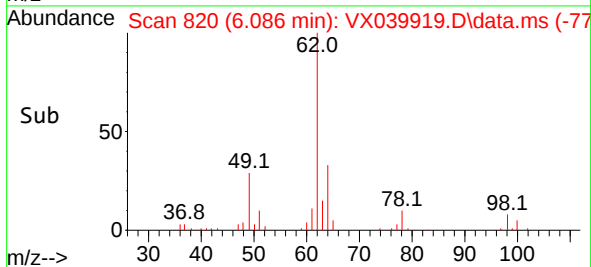
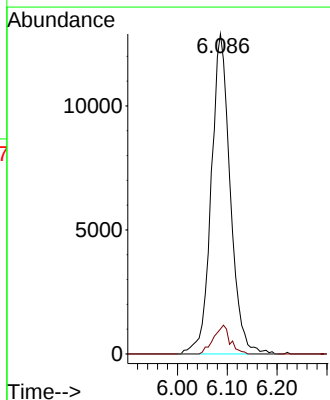
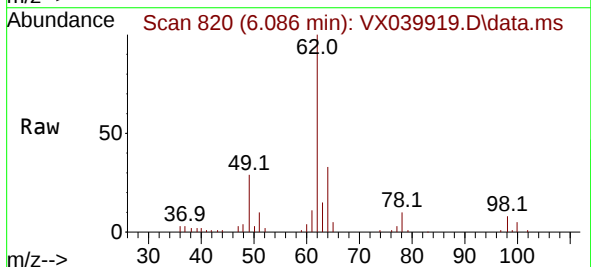
Manual Integrations
APPROVED

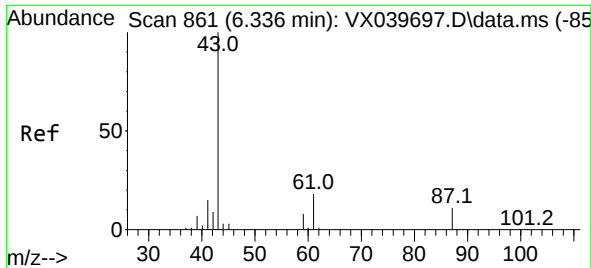
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#42
1,2-Dichloroethane
Concen: 22.063 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

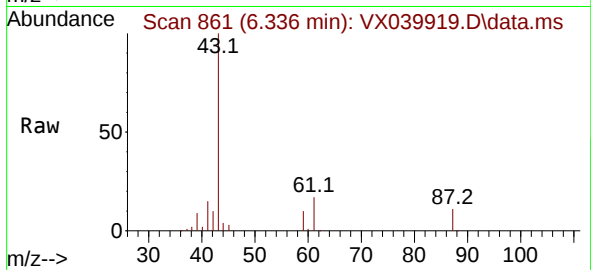
Tgt Ion: 62 Resp: 34173
Ion Ratio Lower Upper
62 100
98 7.8 0.0 16.0





#43
Isopropyl Acetate
Concen: 19.987 ug/l
RT: 6.336 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

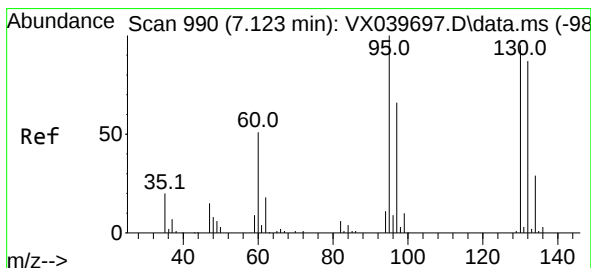
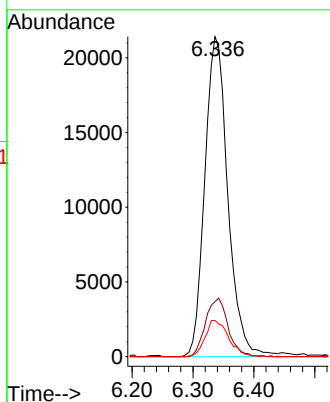
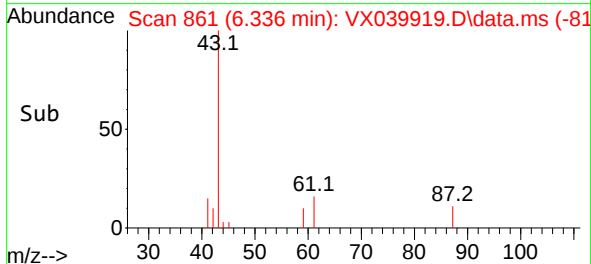
Instrument :
MSVOA_X
ClientSampleId :
VX0123MBS01



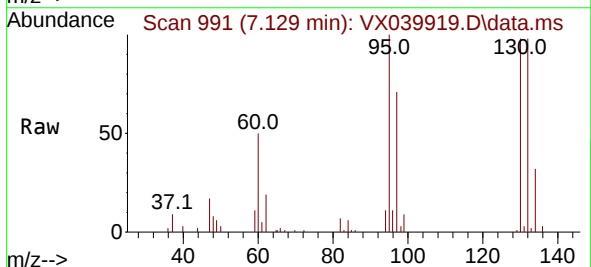
Tgt Ion: 43 Resp: 56278
Ion Ratio Lower Upper
43 100
61 17.9 15.2 22.8
87 11.5 9.8 14.6

Manual Integrations
APPROVED

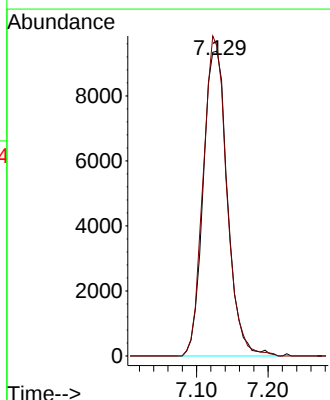
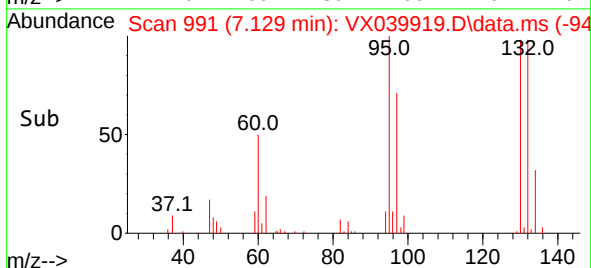
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

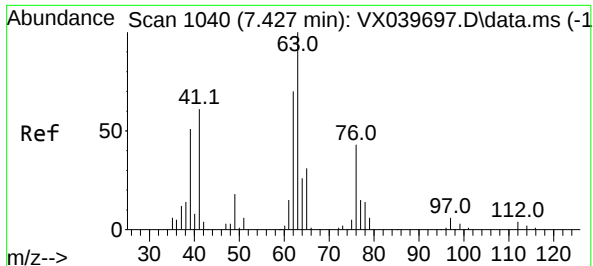


#44
Trichloroethene
Concen: 22.193 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57



Tgt Ion:130 Resp: 22159
Ion Ratio Lower Upper
130 100
95 101.5 0.0 204.4





#45

1,2-Dichloropropane

Concen: 20.461 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX039919.D

Acq: 23 Jan 2024 18:57

Instrument :

MSVOA_X

ClientSampleId :

VX0123MBS01

Tgt Ion: 63 Resp: 2236

Ion Ratio Lower Upper

63 100

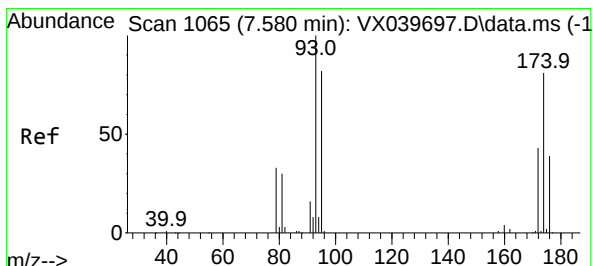
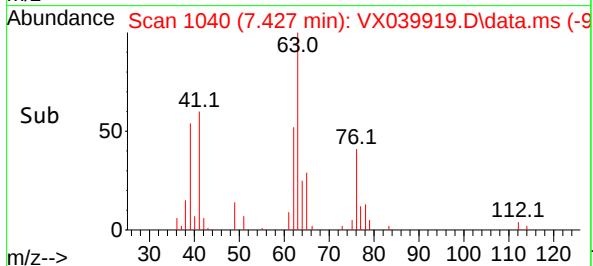
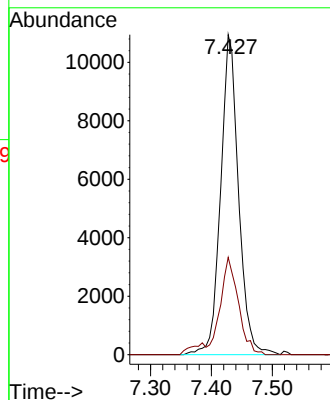
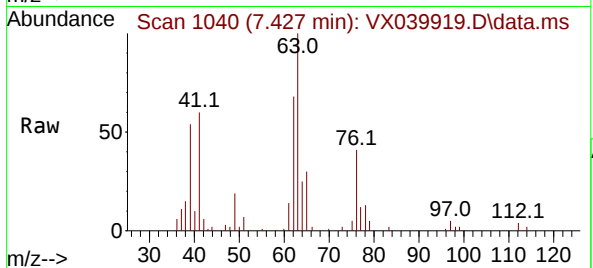
65 30.4 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#46

Dibromomethane

Concen: 21.383 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX039919.D

Acq: 23 Jan 2024 18:57

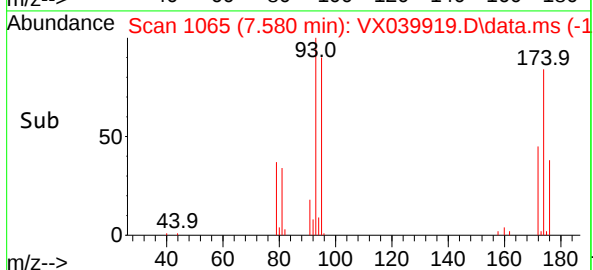
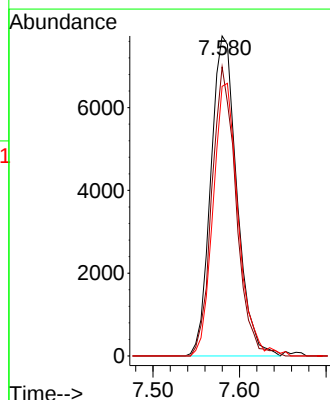
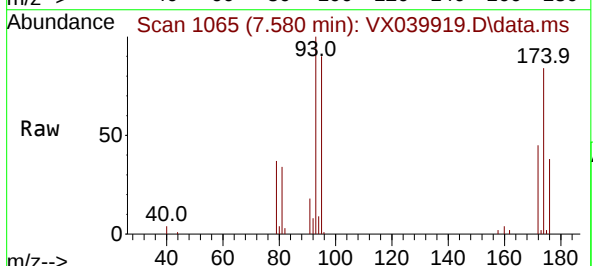
Tgt Ion: 93 Resp: 16141

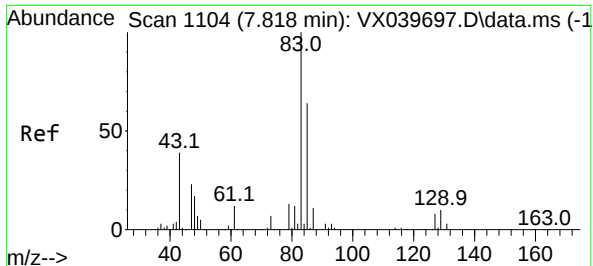
Ion Ratio Lower Upper

93 100

95 84.2 66.6 100.0

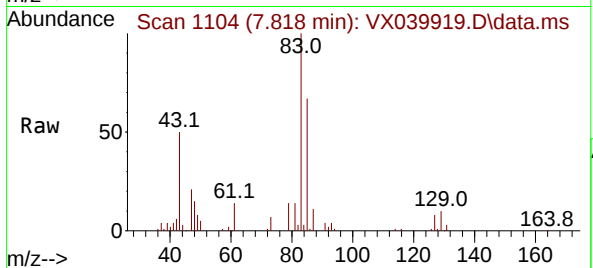
174 82.6 69.4 104.0





#47
Bromodichloromethane
Concen: 21.733 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

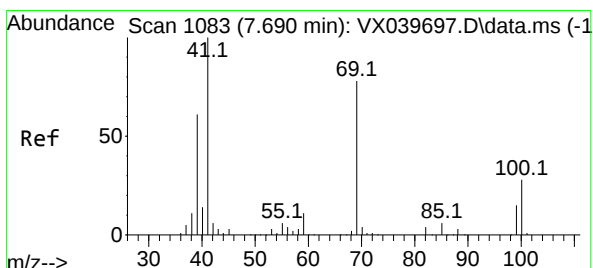
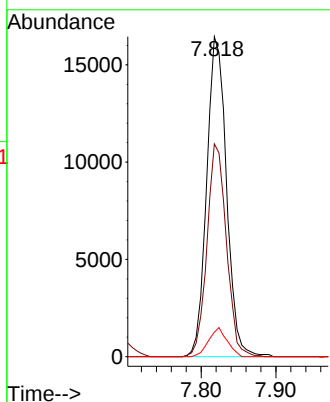
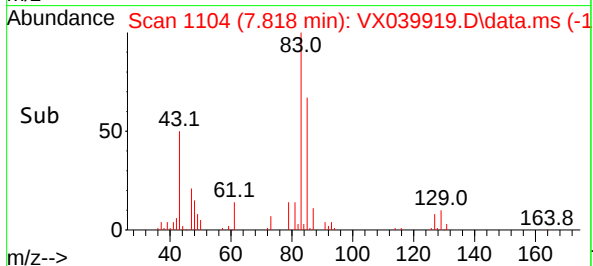
Instrument :
MSVOA_X
ClientSampleId :
VX0123MBS01



Tgt Ion: 83 Resp: 30384
Ion Ratio Lower Upper
83 100
85 66.5 49.8 74.6
127 7.7 7.1 10.7

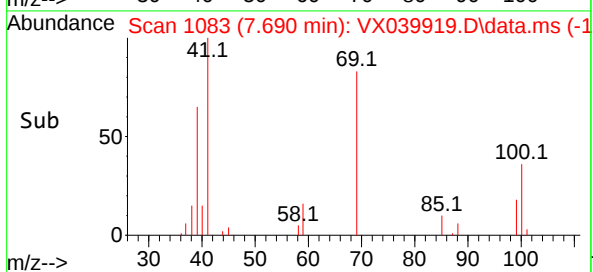
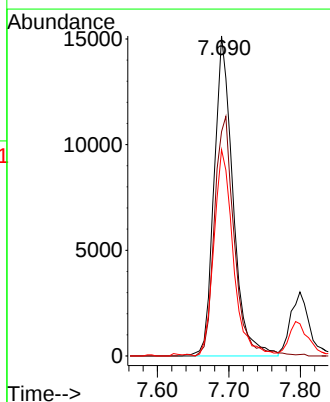
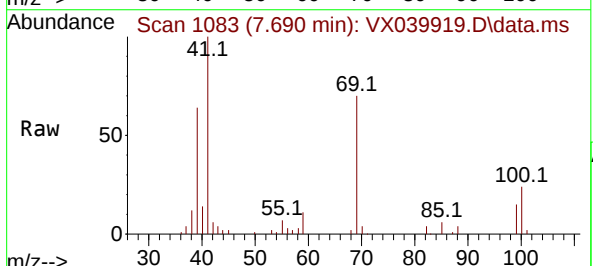
Manual Integrations
APPROVED

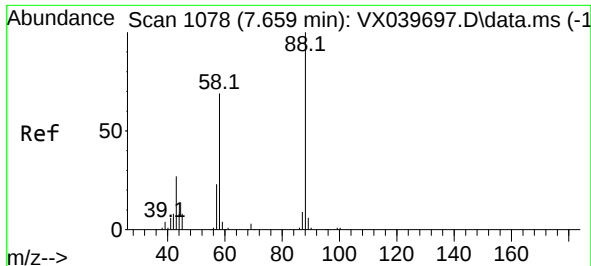
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#48
Methyl methacrylate
Concen: 20.066 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

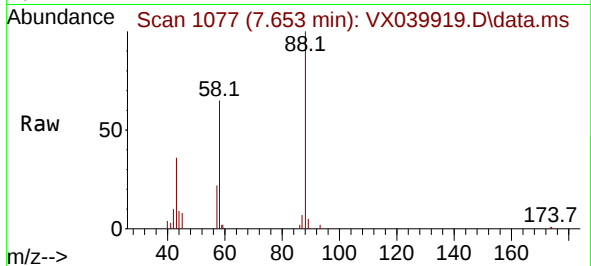
Tgt Ion: 41 Resp: 27771
Ion Ratio Lower Upper
41 100
69 78.8 59.2 88.8
39 65.7 47.7 71.5





#49
1,4-Dioxane
Concen: 373.150 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.006 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

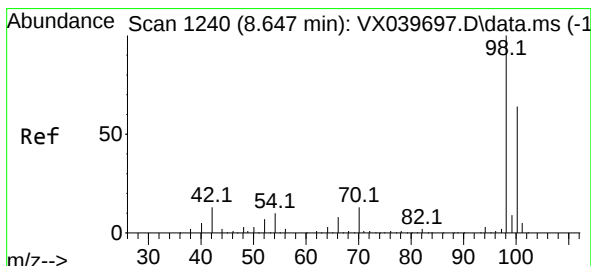
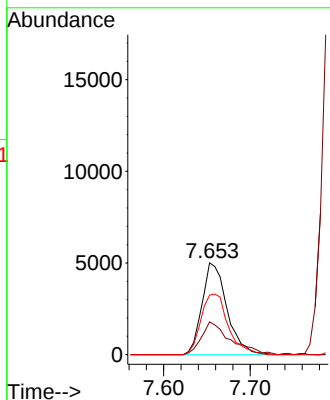
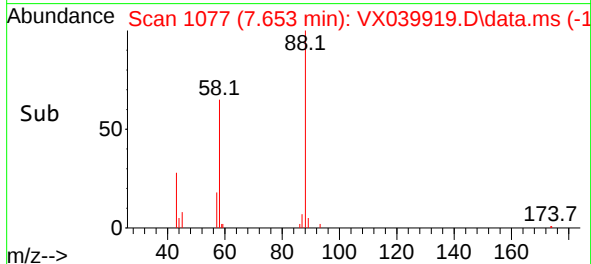
Instrument :
MSVOA_X
ClientSampleId :
VX0123MBS01



Tgt Ion: 88 Resp: 999
Ion Ratio Lower Upper
88 100
43 41.7 0.0 0.0
58 71.8 60.1 90.1

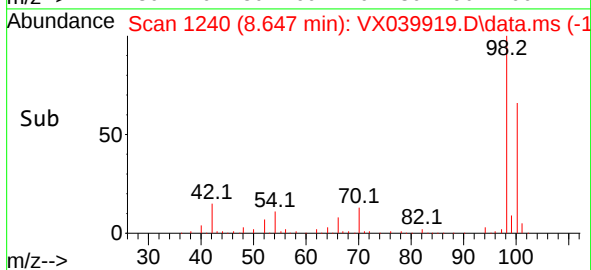
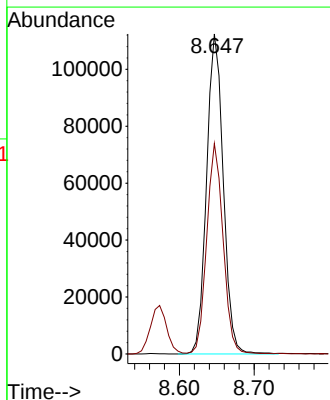
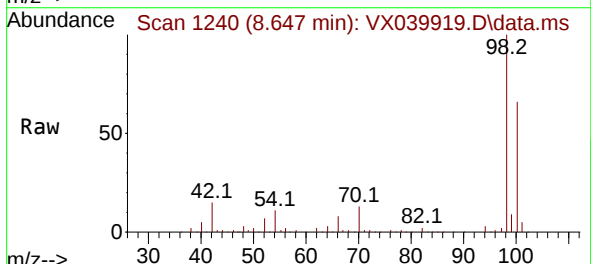
Manual Integrations
APPROVED

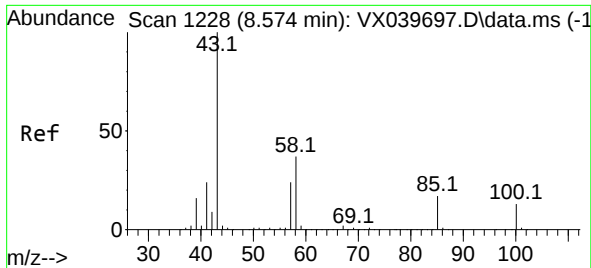
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#50
Toluene-d8
Concen: 49.947 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

Tgt Ion: 98 Resp: 174125
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7





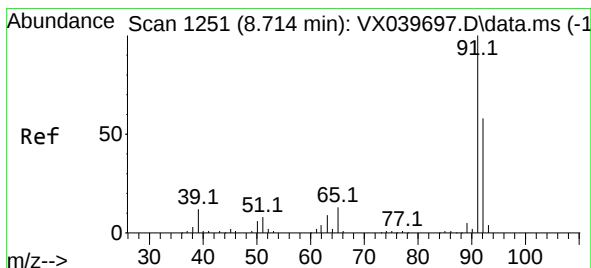
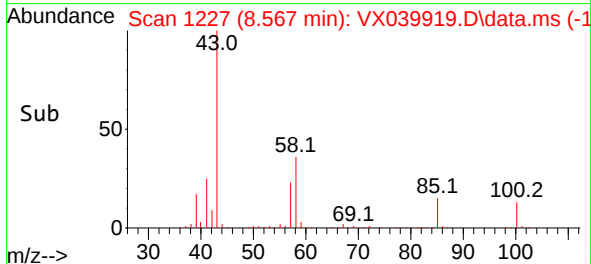
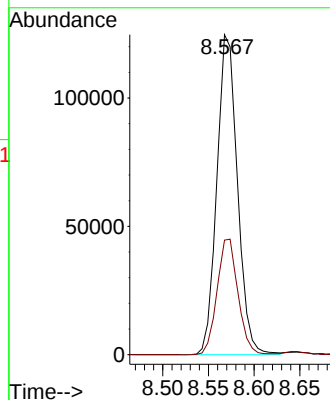
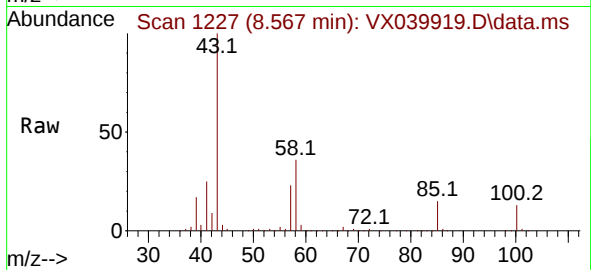
#51
4-Methyl-2-Pentanone
Concen: 100.865 ug/l
RT: 8.567 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

Instrument :
MSVOA_X
ClientSampleId :
VX0123MBS01

Tgt Ion: 43 Resp: 19559
Ion Ratio Lower Upper
43 100
58 36.8 30.4 45.6

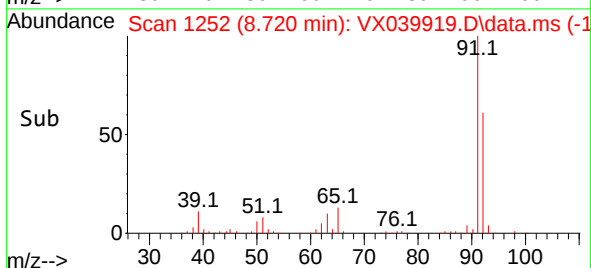
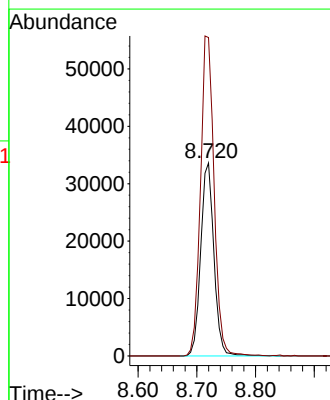
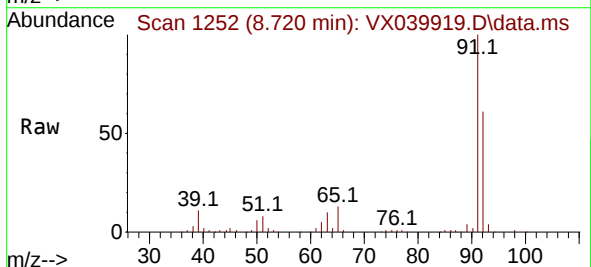
Manual Integrations
APPROVED

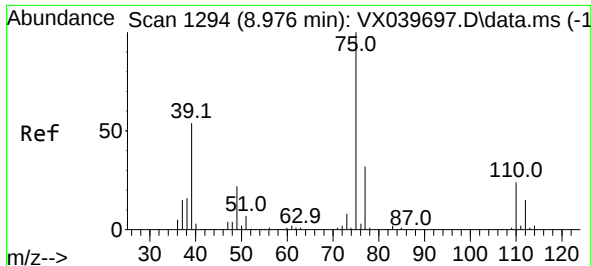
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#52
Toluene
Concen: 21.589 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

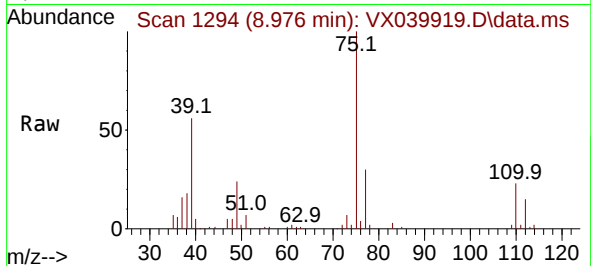
Tgt Ion: 92 Resp: 52536
Ion Ratio Lower Upper
92 100
91 171.0 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 21.005 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

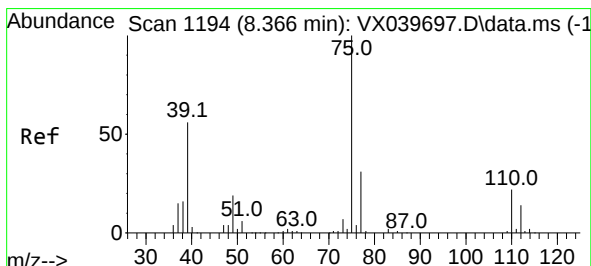
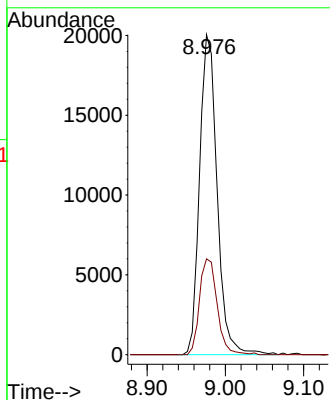
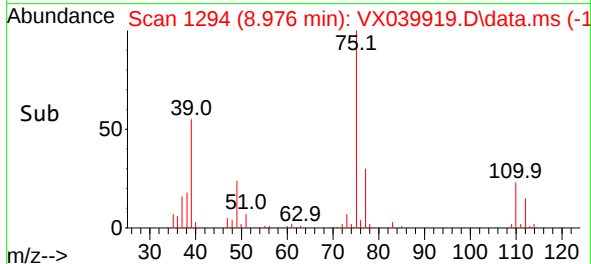
Instrument :
MSVOA_X
ClientSampleId :
VX0123MBS01



Tgt Ion: 75 Resp: 3116
Ion Ratio Lower Upper
75 100
77 29.9 25.7 38.5

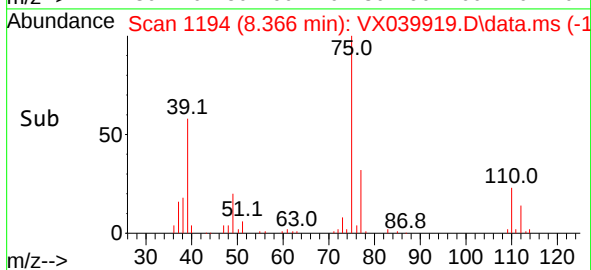
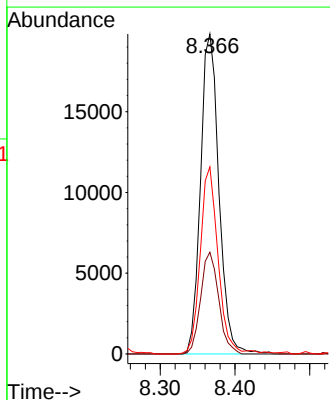
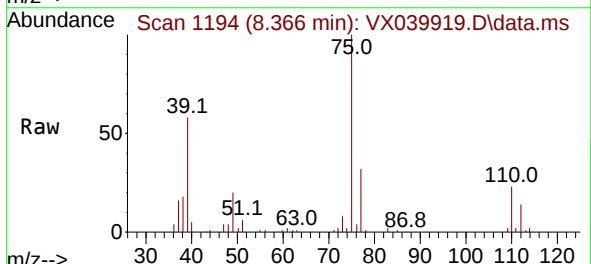
Manual Integrations
APPROVED

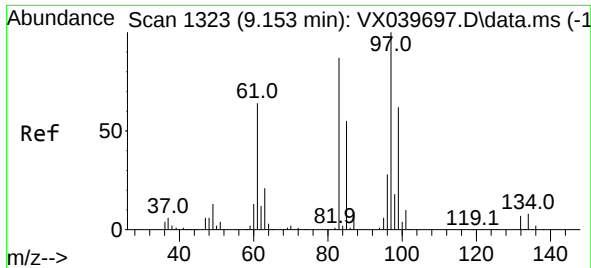
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#54
cis-1,3-Dichloropropene
Concen: 20.757 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

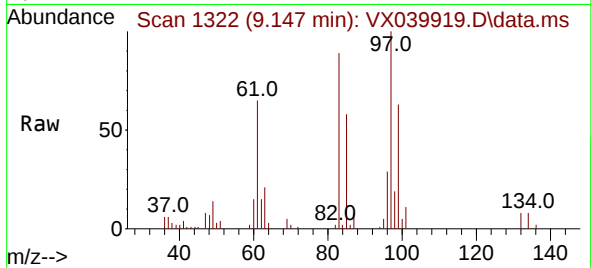
Tgt Ion: 75 Resp: 33860
Ion Ratio Lower Upper
75 100
77 31.8 25.3 37.9
39 58.4 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 21.338 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.006 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

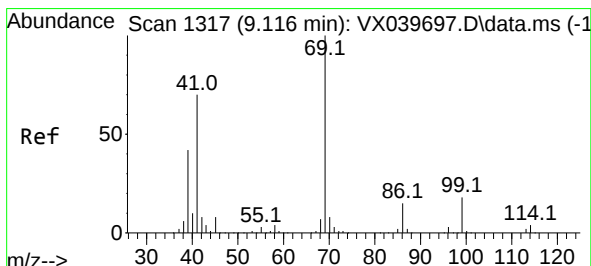
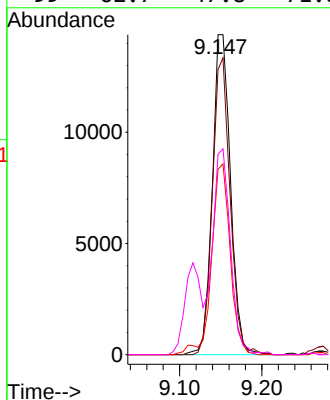
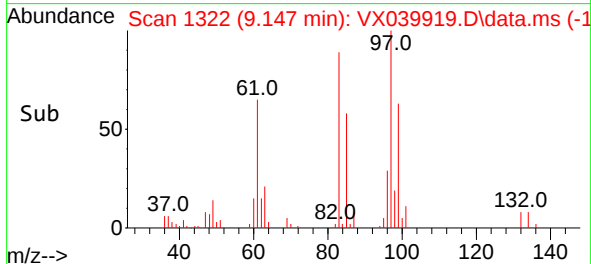
Instrument :
MSVOA_X
ClientSampleId :
VX0123MBS01



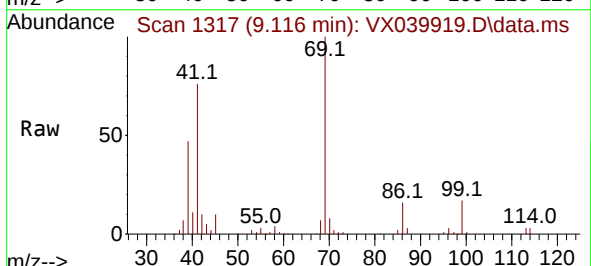
Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.1	65.8	98.8
85	57.9	41.6	62.4
99	62.7	47.8	71.8

Manual Integrations
APPROVED

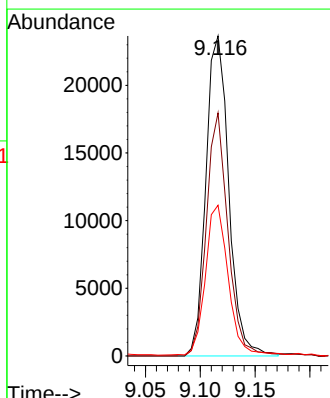
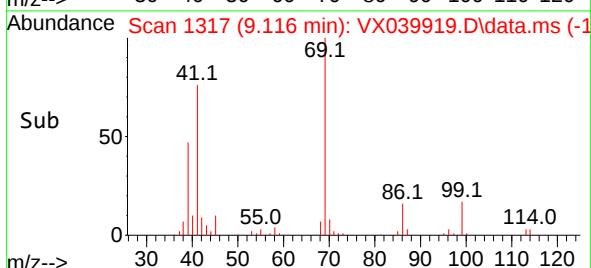
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

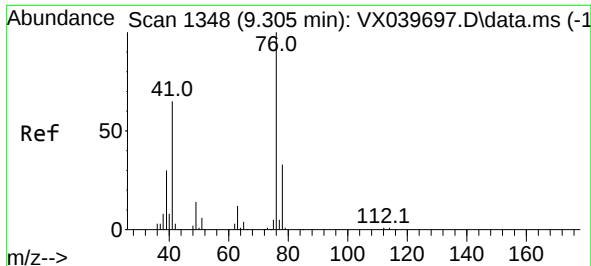


#56
Ethyl methacrylate
Concen: 20.463 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57



Tgt Ion	Ratio	Lower	Upper
69	100		
41	72.2	56.8	85.2
39	46.7	32.0	48.0





#57

1,3-Dichloropropane

Concen: 21.318 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039919.D

Acq: 23 Jan 2024 18:57

Instrument :

MSVOA_X

ClientSampleId :

VX0123MBS01

Tgt Ion: 76 Resp: 37428

Ion Ratio Lower Upper

76 100

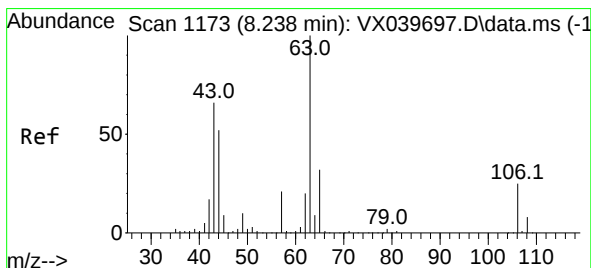
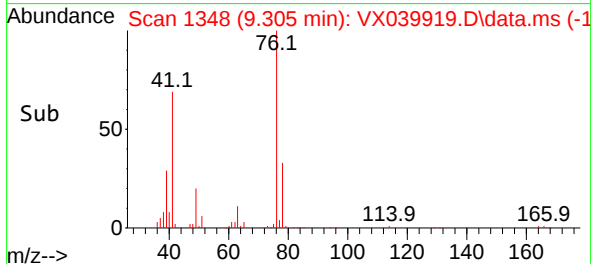
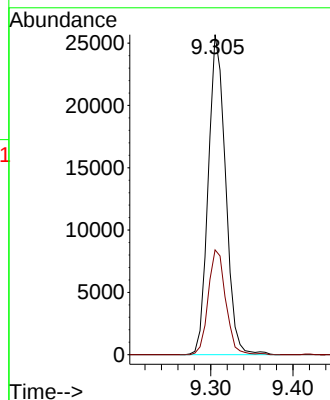
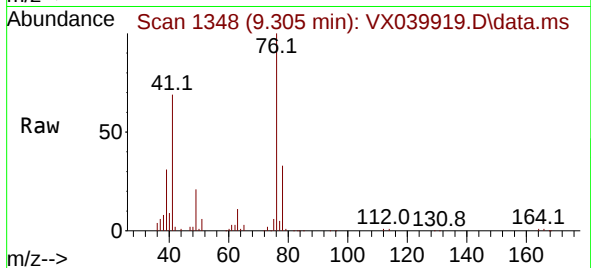
78 33.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#58

2-Chloroethyl Vinyl ether

Concen: 78.300 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX039919.D

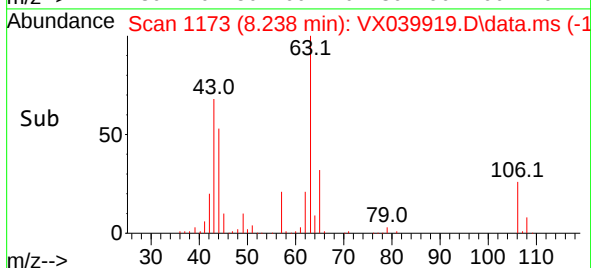
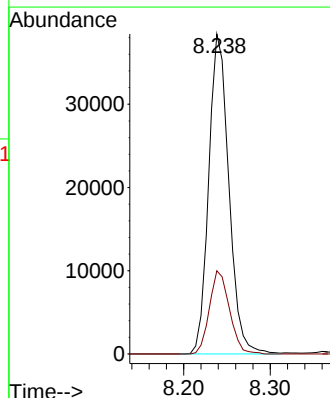
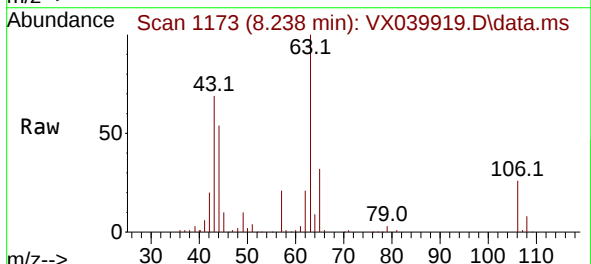
Acq: 23 Jan 2024 18:57

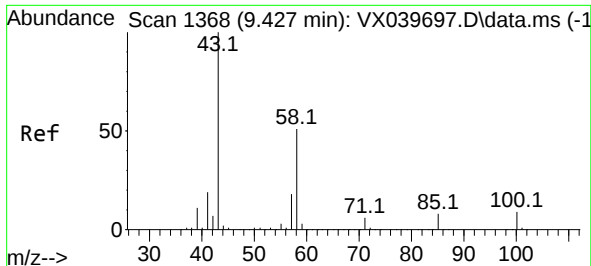
Tgt Ion: 63 Resp: 62059

Ion Ratio Lower Upper

63 100

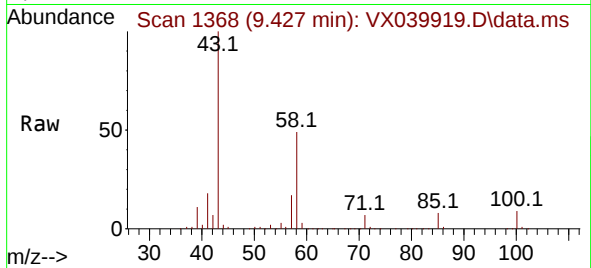
106 25.9 22.5 33.7





#59
2-Hexanone
Concen: 100.666 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

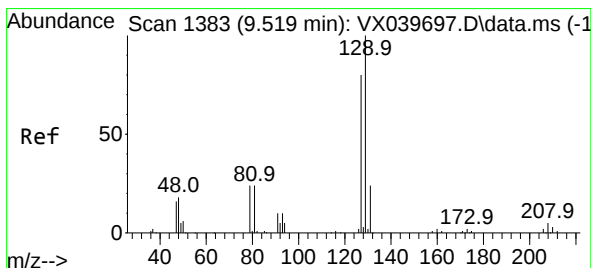
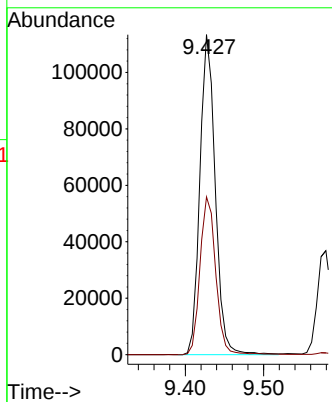
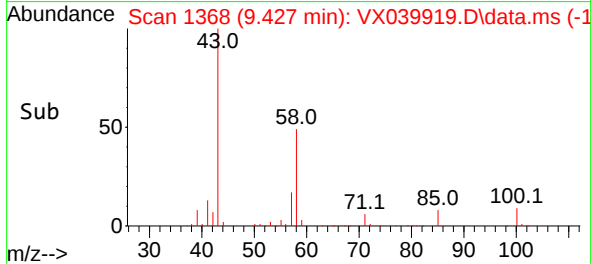
Instrument :
MSVOA_X
ClientSampleId :
VX0123MBS01



Tgt Ion: 43 Resp: 154499
Ion Ratio Lower Upper
43 100
58 50.6 26.2 78.5

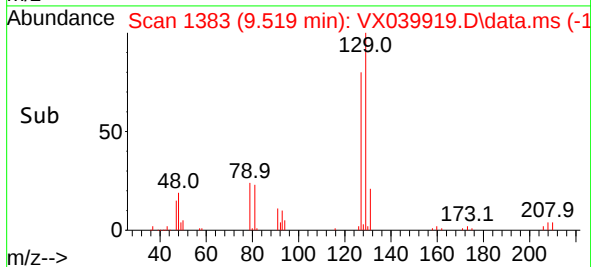
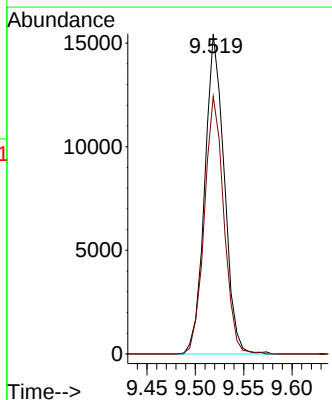
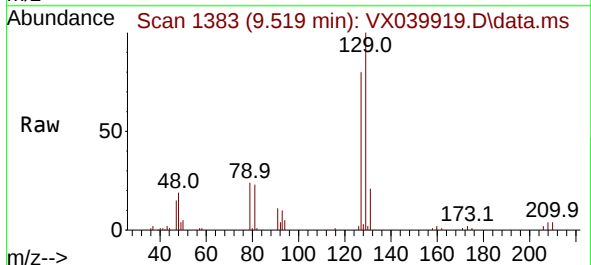
Manual Integrations
APPROVED

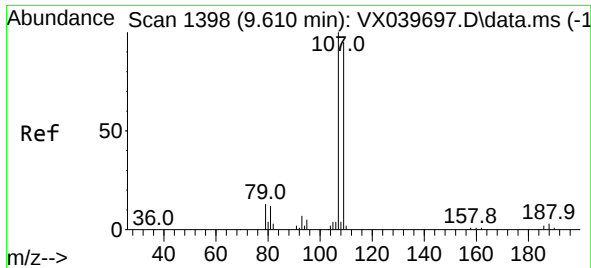
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#60
Dibromochloromethane
Concen: 22.100 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

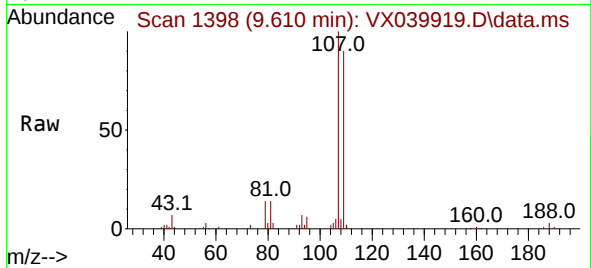
Tgt Ion:129 Resp: 21593
Ion Ratio Lower Upper
129 100
127 80.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 21.952 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

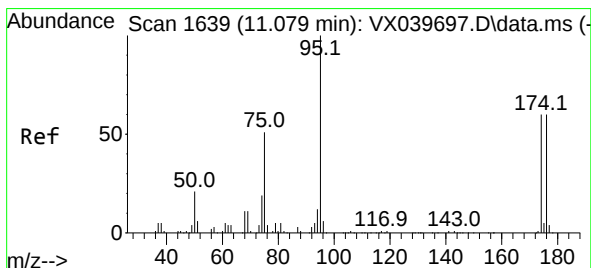
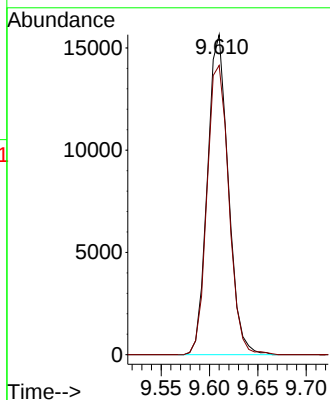
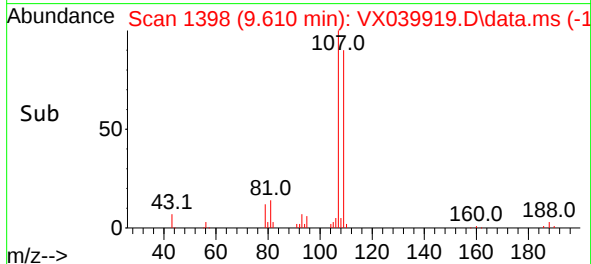
Instrument :
MSVOA_X
ClientSampleId :
VX0123MBS01



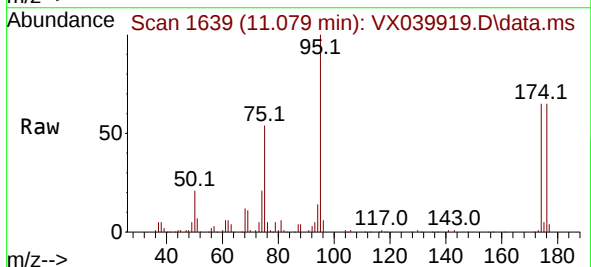
Tgt Ion:107 Resp: 23552
Ion Ratio Lower Upper
107 100
109 94.4 75.2 112.8

Manual Integrations
APPROVED

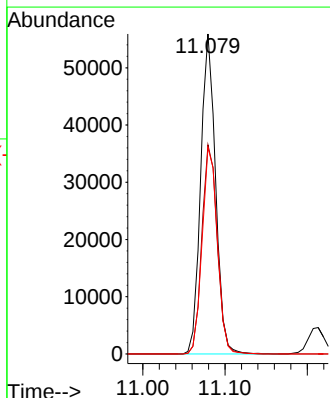
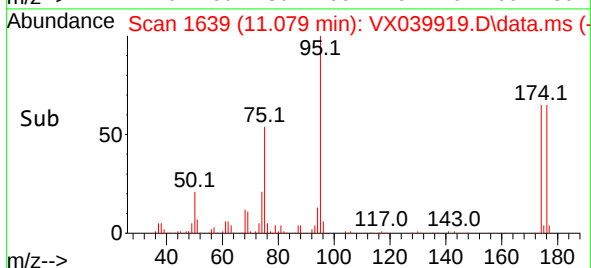
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

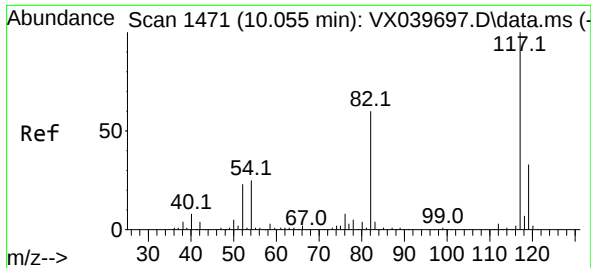


#62
4-Bromofluorobenzene
Concen: 51.532 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57



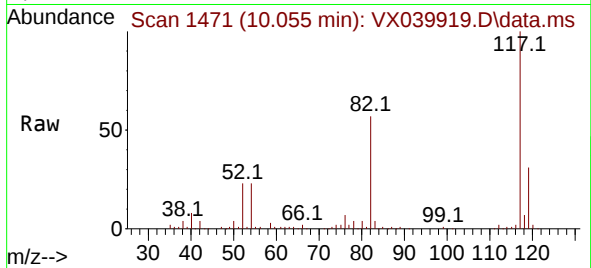
Tgt Ion: 95 Resp: 70252
Ion Ratio Lower Upper
95 100
174 67.3 0.0 135.6
176 66.1 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

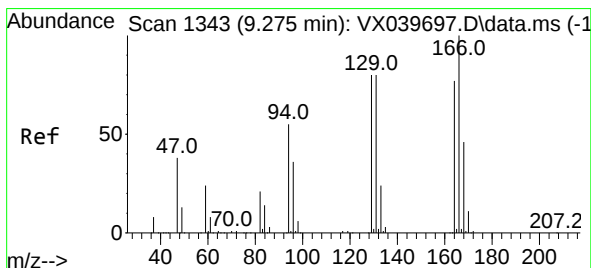
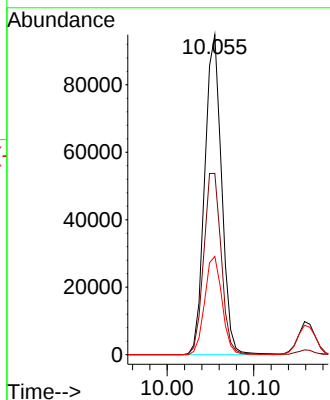
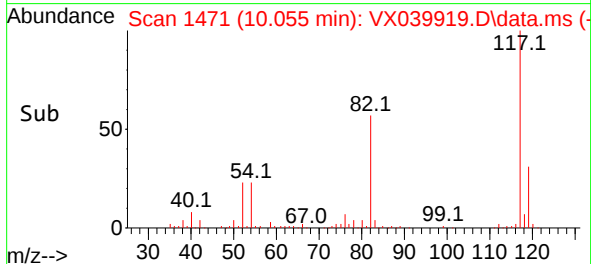
Instrument : MSVOA_X
ClientSampleId : VX0123MBS01



Tgt Ion:117 Resp: 12840
Ion Ratio Lower Upper
117 100
82 56.6 46.2 69.4
119 30.7 25.5 38.3

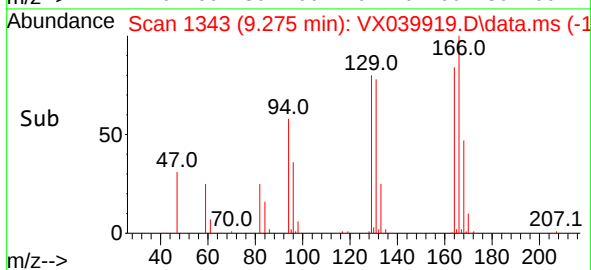
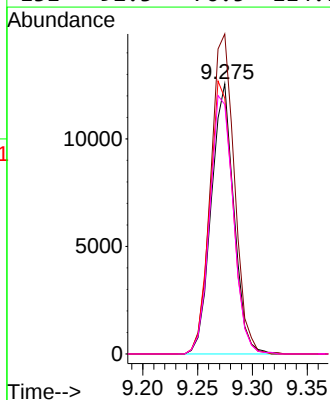
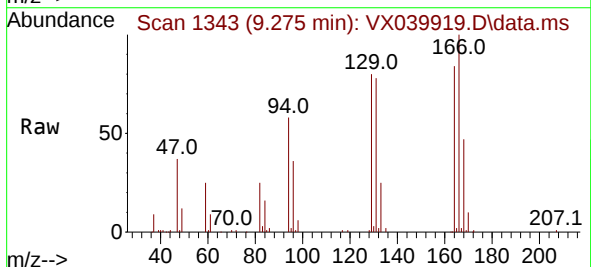
Manual Integrations
APPROVED

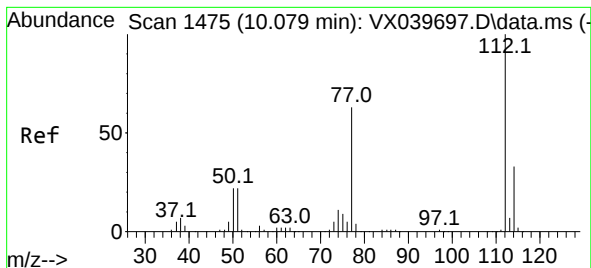
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#64
Tetrachloroethene
Concen: 21.508 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

Tgt Ion:164 Resp: 17959
Ion Ratio Lower Upper
164 100
166 118.5 102.7 154.1
129 94.7 80.4 120.6
131 92.3 76.5 114.7





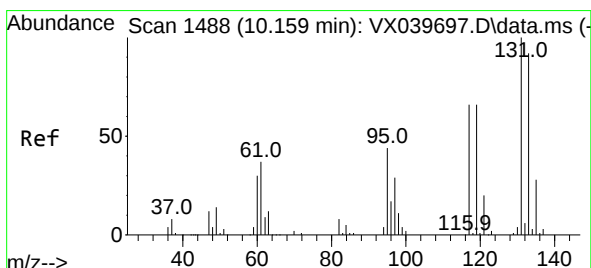
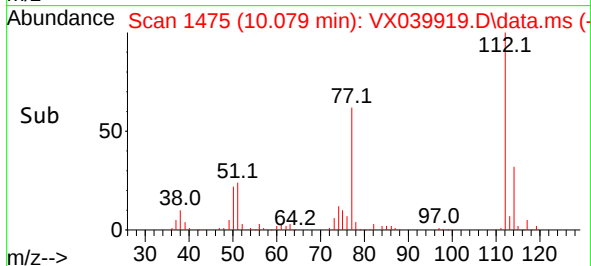
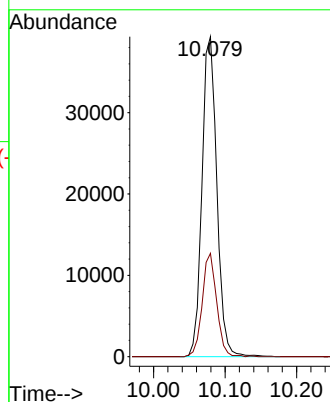
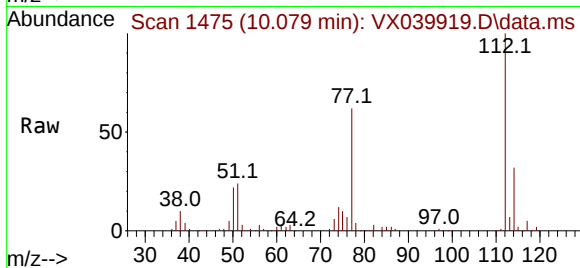
#65
Chlorobenzene
Concen: 21.200 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

Instrument :
MSVOA_X
ClientSampleId :
VX0123MBS01

Tgt Ion:112 Resp: 5669
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5

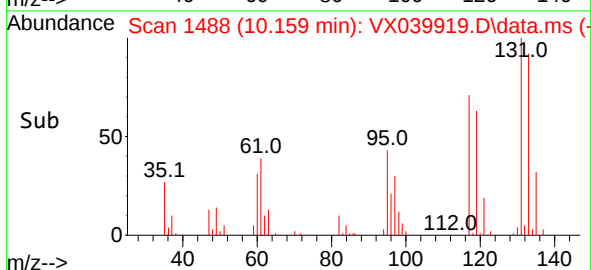
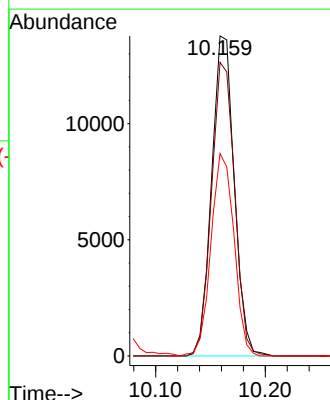
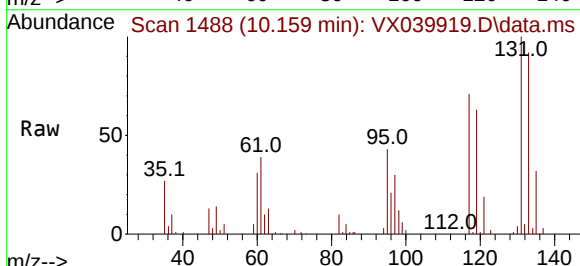
Manual Integrations
APPROVED

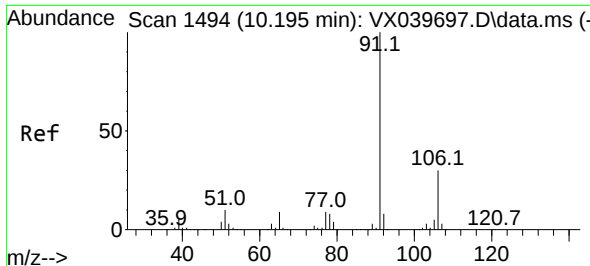
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 21.720 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

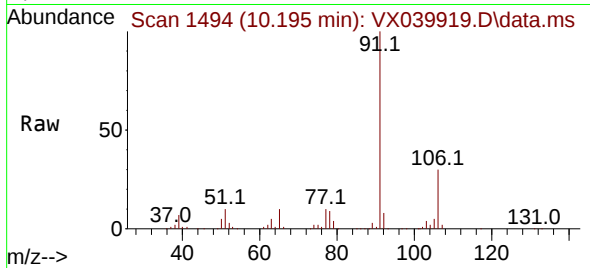
Tgt Ion:131 Resp: 19779
Ion Ratio Lower Upper
131 100
133 93.7 47.1 141.4
119 64.2 32.2 96.6





#67
Ethyl Benzene
Concen: 20.603 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

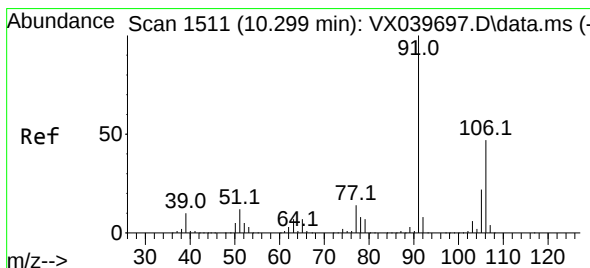
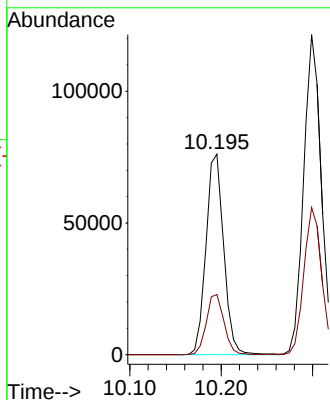
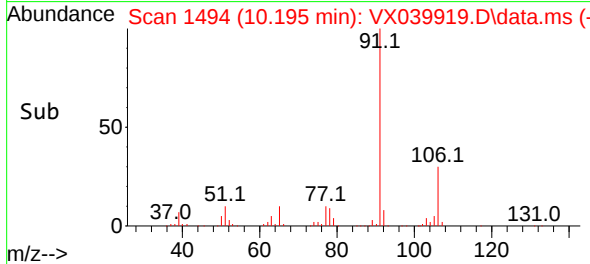
Instrument :
MSVOA_X
ClientSampleId :
VX0123MBS01



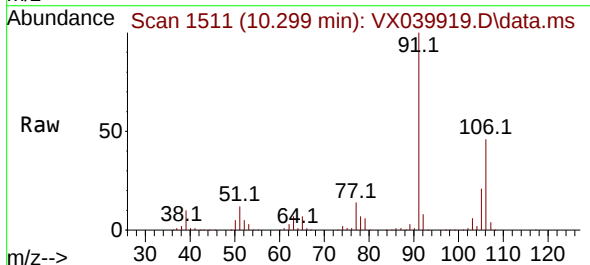
Tgt Ion: 91 Resp: 102290
Ion Ratio Lower Upper
91 100
106 30.0 24.9 37.3

Manual Integrations
APPROVED

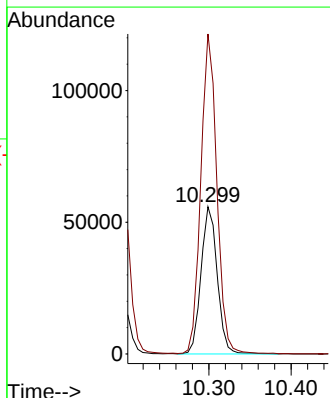
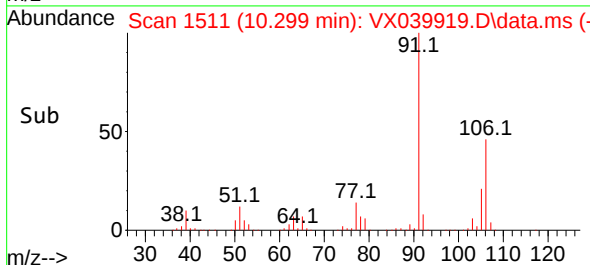
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

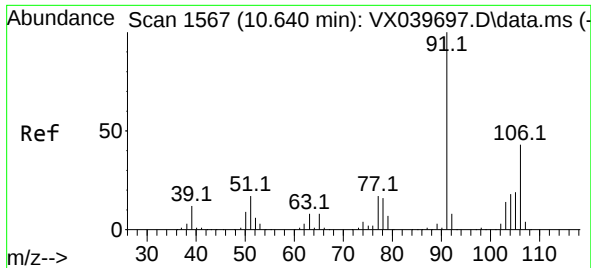


#68
m/p-Xylenes
Concen: 41.956 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57



Tgt Ion:106 Resp: 76611
Ion Ratio Lower Upper
106 100
91 215.2 165.5 248.3





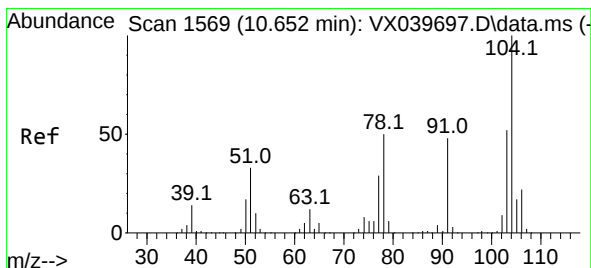
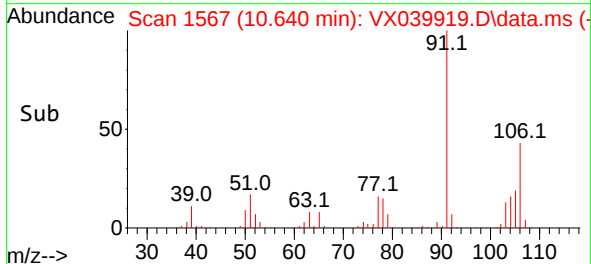
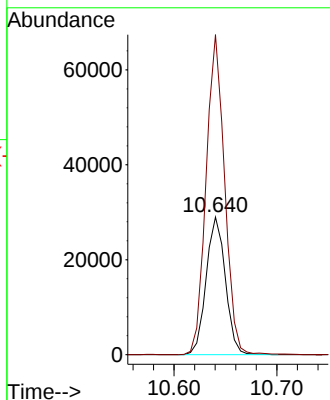
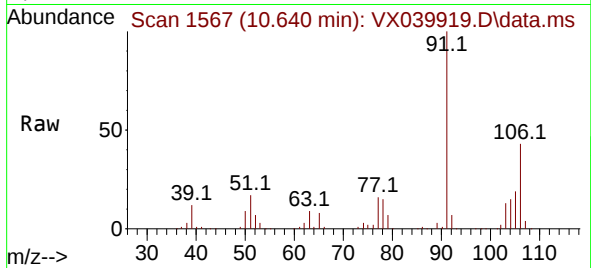
#69
o-Xylene
Concen: 20.875 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

Instrument :
MSVOA_X
ClientSampleId :
VX0123MBS01

Tgt Ion:106 Resp: 37749
Ion Ratio Lower Upper
106 100
91 224.7 108.9 326.8

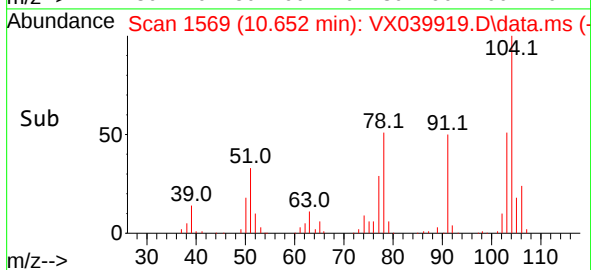
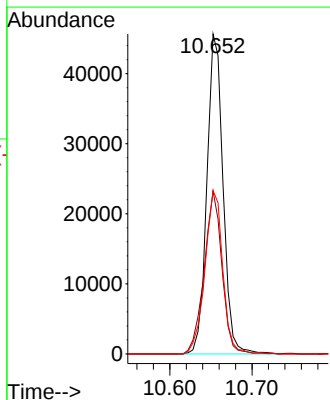
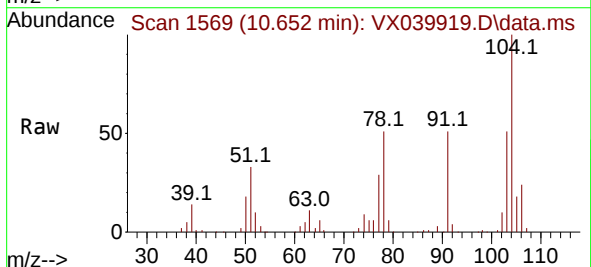
Manual Integrations
APPROVED

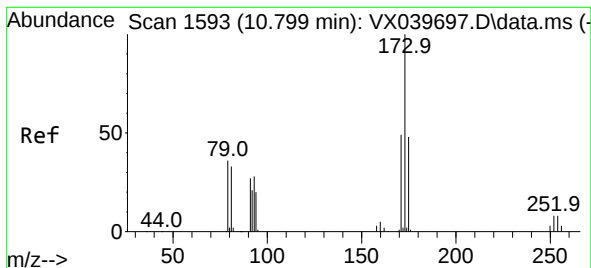
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#70
Styrene
Concen: 21.100 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

Tgt Ion:104 Resp: 62329
Ion Ratio Lower Upper
104 100
78 56.1 43.6 65.4
103 56.5 43.6 65.4





#71

Bromoform

Concen: 21.577 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX039919.D

Acq: 23 Jan 2024 18:57

Instrument :

MSVOA_X

ClientSampleId :

VX0123MBS01

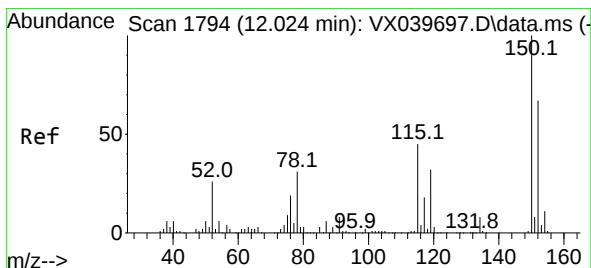
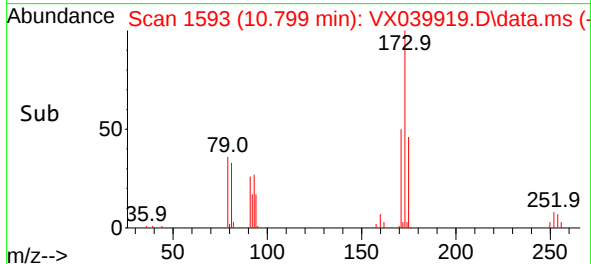
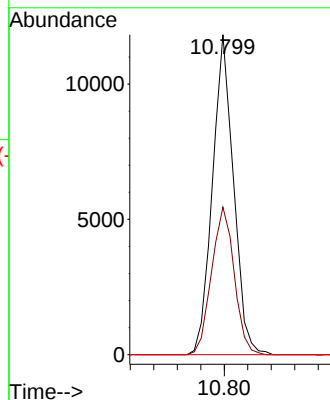
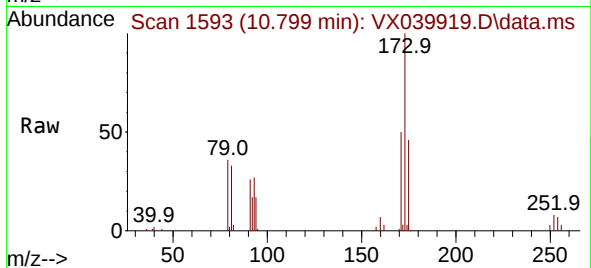
Tgt Ion:173	Resp:	14754
Ion Ratio	Lower	Upper
173	100	
175	49.5	24.1 72.4
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

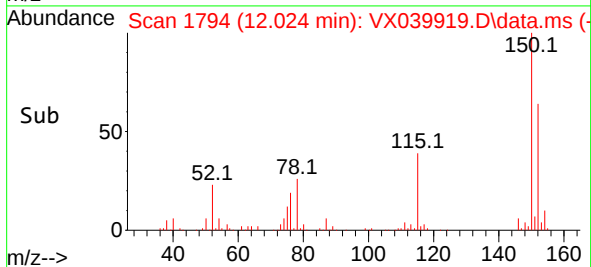
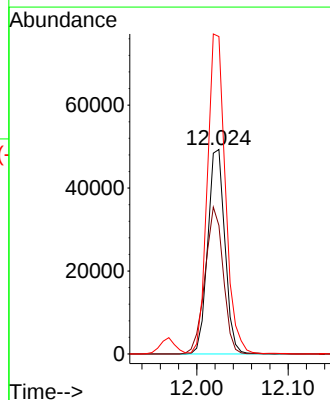
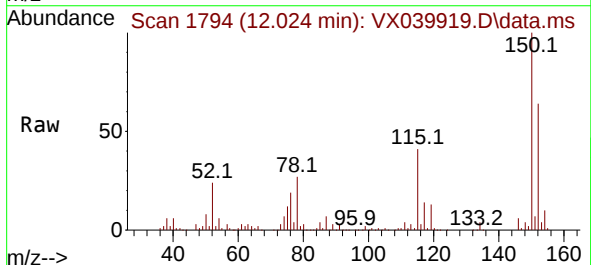
RT: 12.024 min Scan# 1794

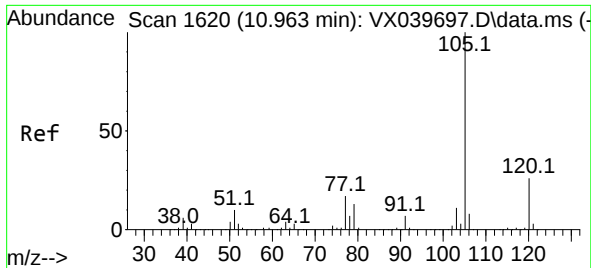
Delta R.T. 0.000 min

Lab File: VX039919.D

Acq: 23 Jan 2024 18:57

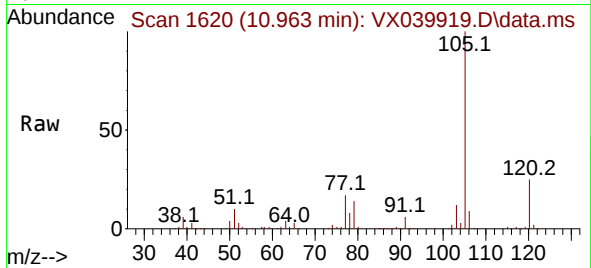
Tgt Ion:152	Resp:	64005
Ion Ratio	Lower	Upper
152	100	
115	76.2	43.3 129.9
150	165.0	0.0 345.0





#73
Isopropylbenzene
Concen: 19.618 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

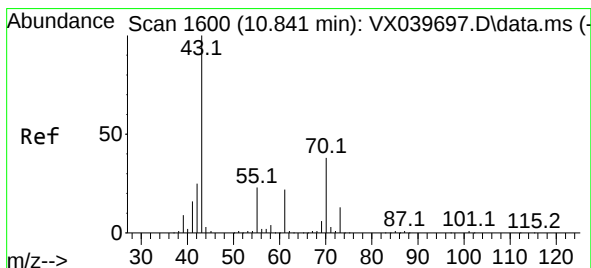
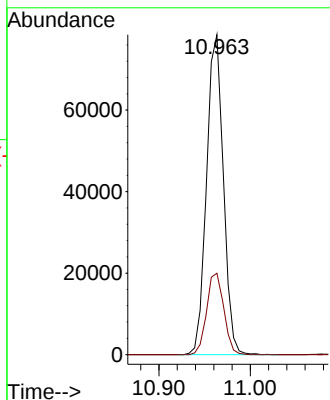
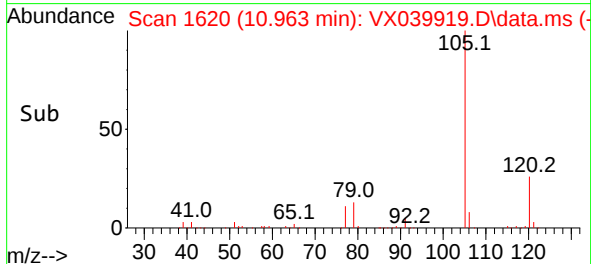
Instrument :
MSVOA_X
ClientSampleId :
VX0123MBS01



Tgt Ion:105 Resp: 99968
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.6

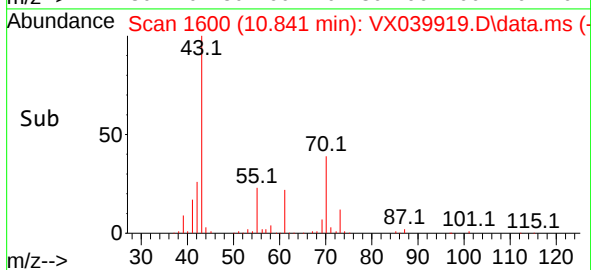
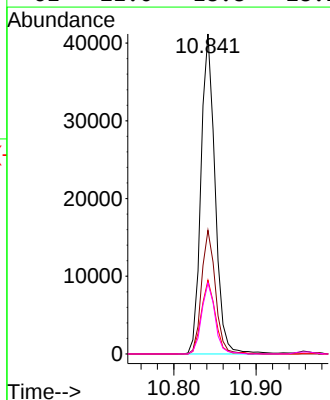
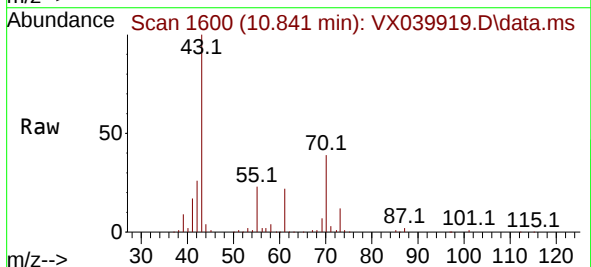
Manual Integrations
APPROVED

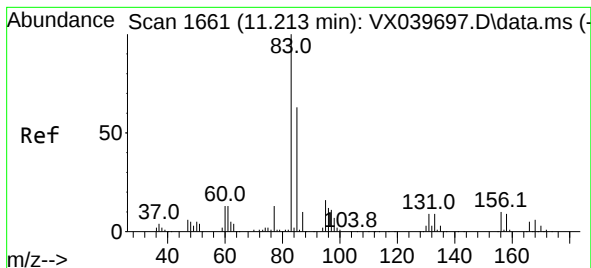
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#74
N-ethyl acetate
Concen: 18.513 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

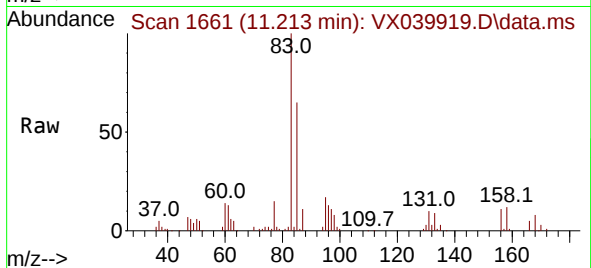
Tgt Ion: 43 Resp: 49175
Ion Ratio Lower Upper
43 100
70 37.8 32.9 49.3
55 22.9 19.3 28.9
61 21.0 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 19.616 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

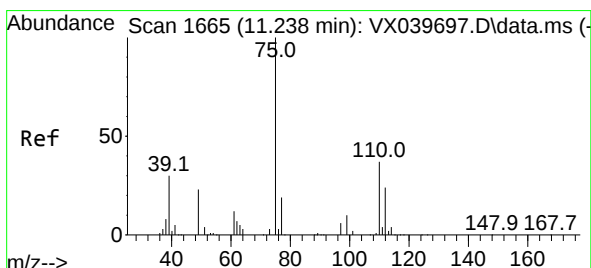
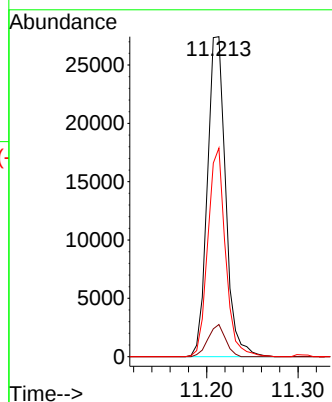
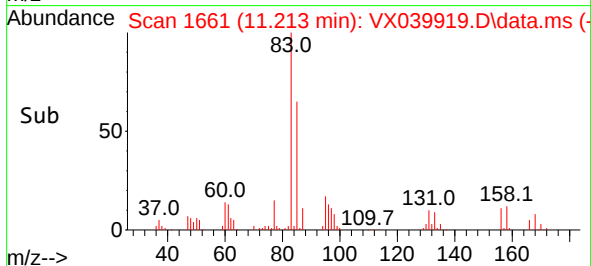
Instrument :
MSVOA_X
ClientSampleId :
VX0123MBS01



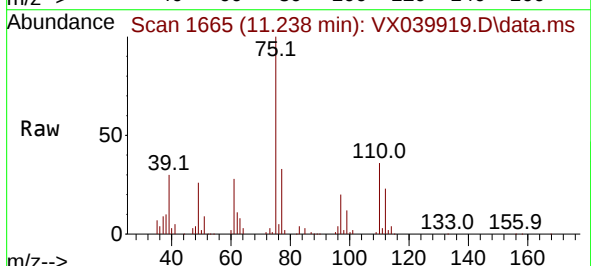
Tgt Ion: 83 Resp: 38170
Ion Ratio Lower Upper
83 100
131 9.6 5.3 15.8
85 62.9 32.0 96.2

Manual Integrations
APPROVED

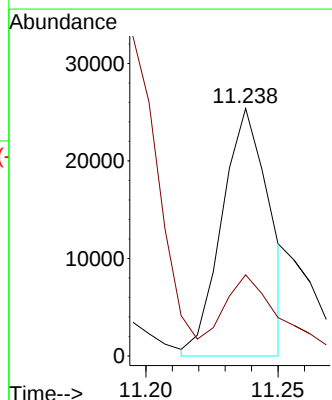
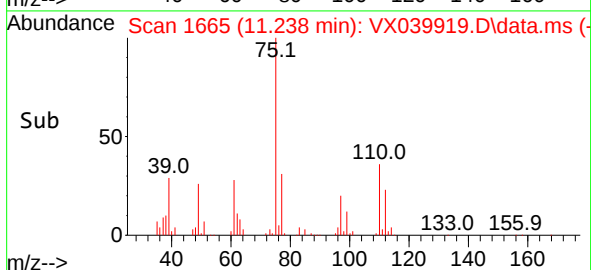
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

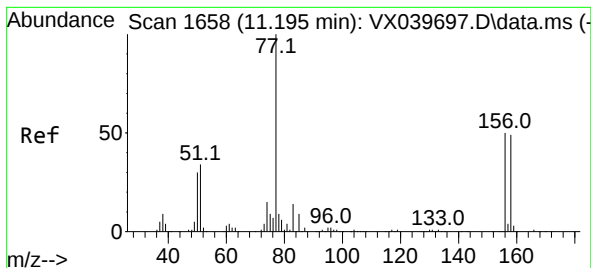


#76
1,2,3-Trichloropropane
Concen: 19.000 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57



Tgt Ion: 75 Resp: 31528
Ion Ratio Lower Upper
75 100
77 40.4 19.1 57.5





#77

Bromobenzene

Concen: 20.538 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039919.D

Acq: 23 Jan 2024 18:57

Instrument :

MSVOA_X

ClientSampleId :

VX0123MBS01

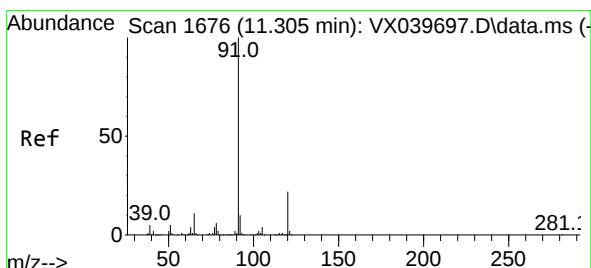
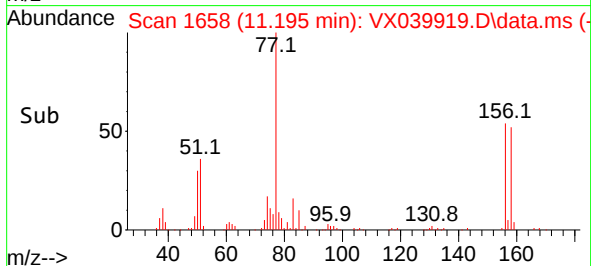
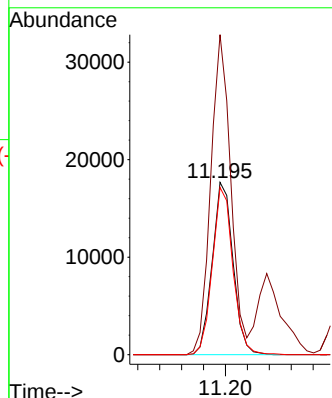
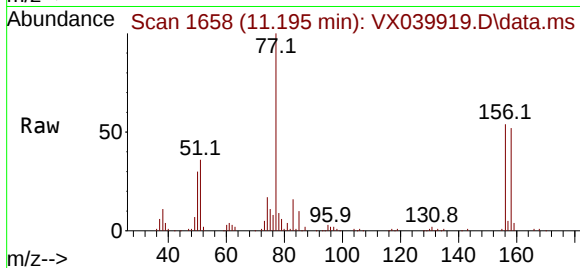
Tgt Ion:	156	Resp:	2330
Ion Ratio	Lower	Upper	
156	100		
77	178.5	88.4	265.3
158	95.9	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#78

n-propylbenzene

Concen: 20.064 ug/l

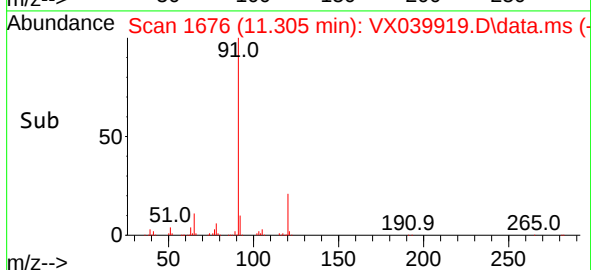
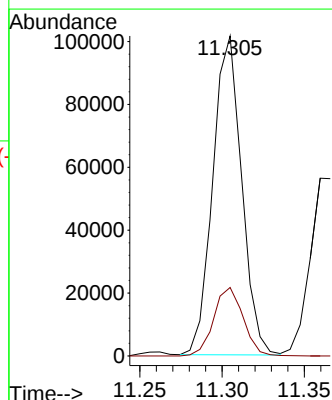
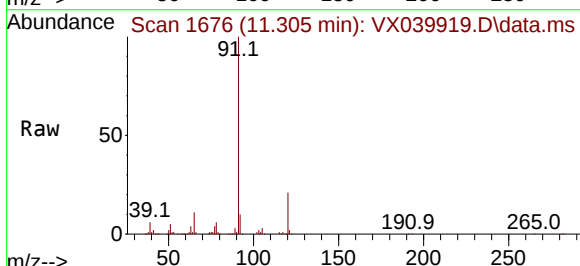
RT: 11.305 min Scan# 1676

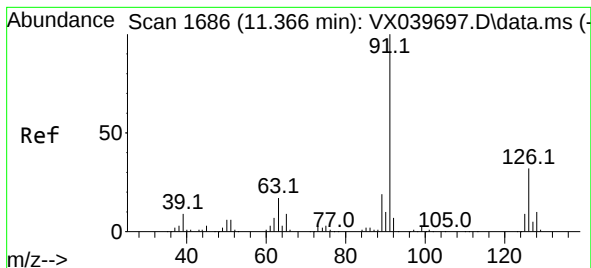
Delta R.T. 0.000 min

Lab File: VX039919.D

Acq: 23 Jan 2024 18:57

Tgt Ion:	91	Resp:	123750
Ion Ratio	Lower	Upper	
91	100		
120	22.0	11.5	34.4





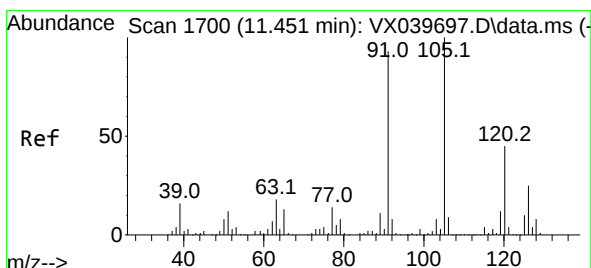
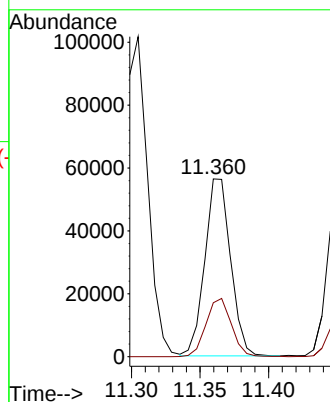
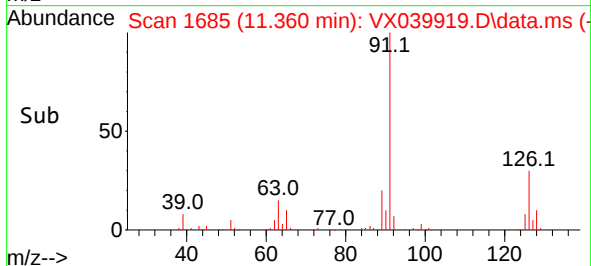
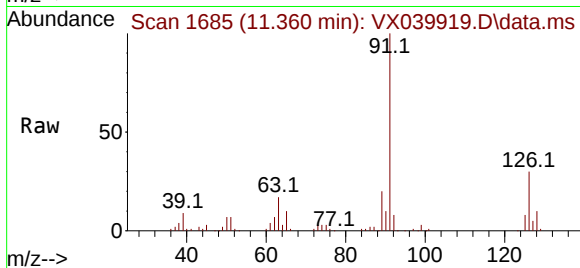
#79
2-Chlorotoluene
Concen: 19.370 ug/l
RT: 11.360 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

Instrument :
MSVOA_X
ClientSampleId :
VX0123MBS01

Tgt Ion: 91 Resp: 7383
Ion Ratio Lower Upper
91 100
126 32.5 16.3 48.8

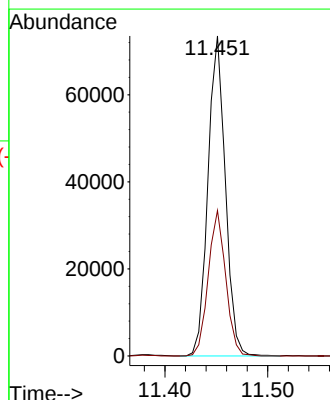
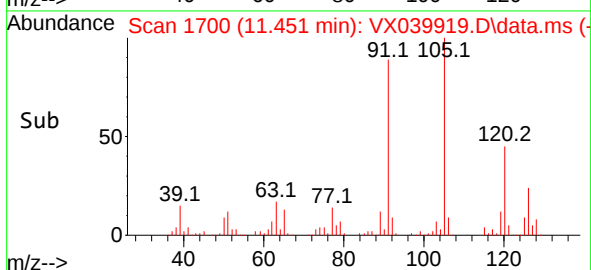
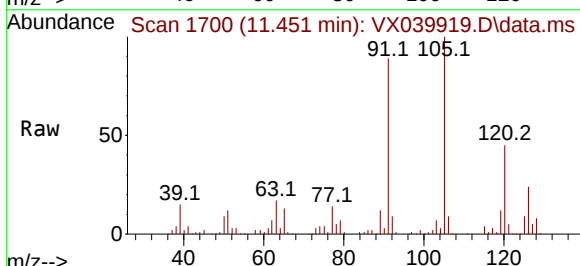
Manual Integrations
APPROVED

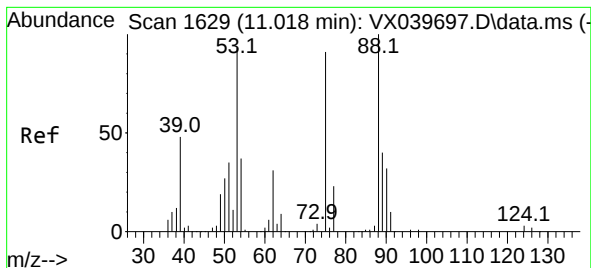
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#80
1,3,5-Trimethylbenzene
Concen: 20.010 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

Tgt Ion:105 Resp: 86603
Ion Ratio Lower Upper
105 100
120 45.7 24.1 72.3





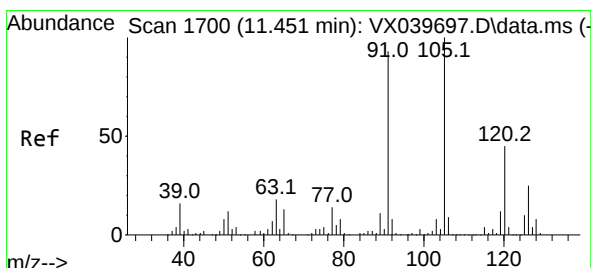
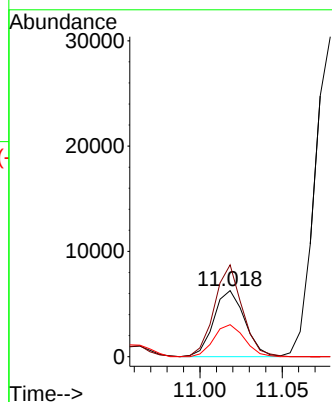
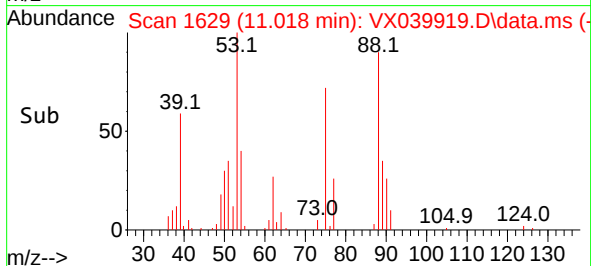
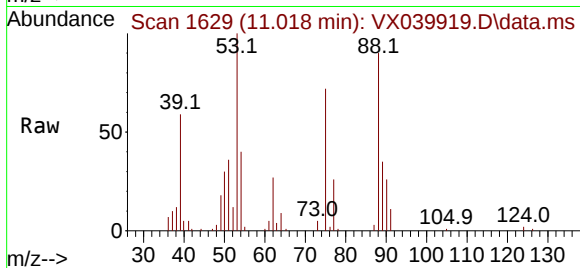
#81
trans-1,4-Dichloro-2-butene
Concen: 16.625 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

Instrument :
MSVOA_X
ClientSampleId :
VX0123MBS01

Tgt Ion: 75 Resp: 827
Ion Ratio Lower Upper
75 100
53 124.5 90.5 135.7
89 47.6 36.9 55.3

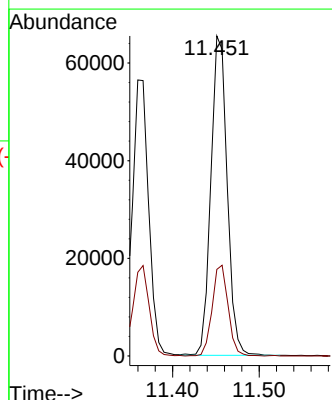
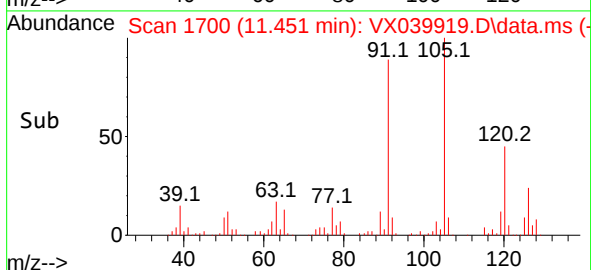
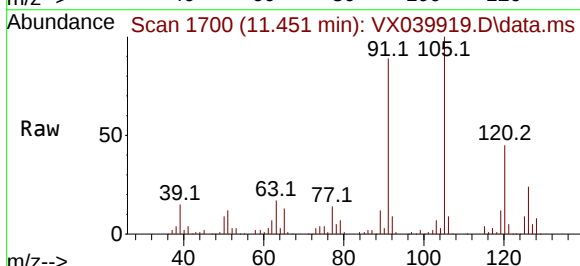
Manual Integrations
APPROVED

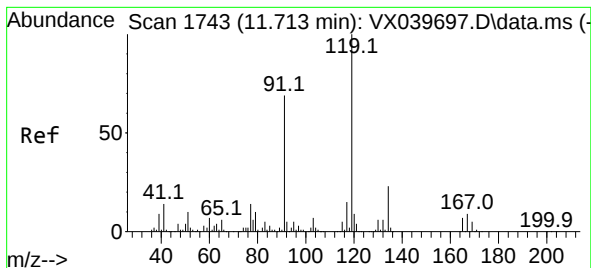
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#82
4-Chlorotoluene
Concen: 19.786 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

Tgt Ion: 91 Resp: 85550
Ion Ratio Lower Upper
91 100
126 27.8 14.2 42.6





#83

tert-Butylbenzene

Concen: 19.720 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX039919.D

Acq: 23 Jan 2024 18:57

Instrument :

MSVOA_X

ClientSampleId :

VX0123MBS01

Tgt Ion:119 Resp: 8148

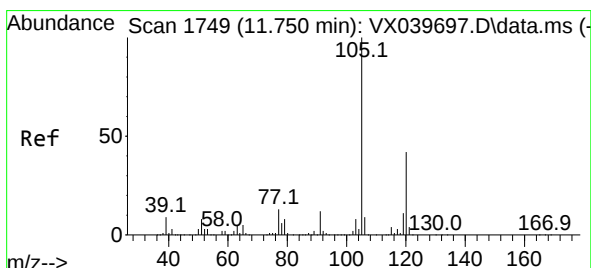
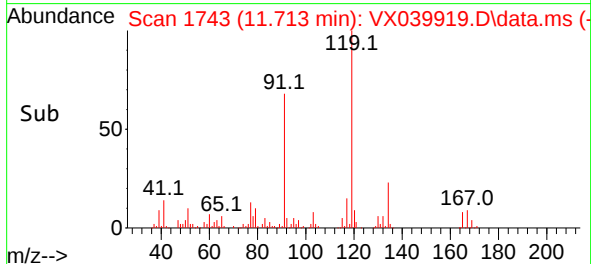
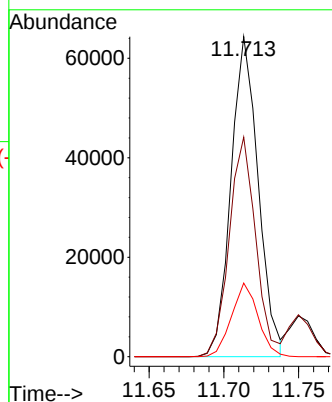
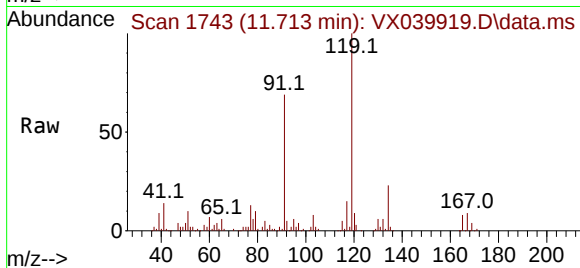
Ion	Ratio	Lower	Upper
119	100		
91	67.0	31.2	93.6
134	22.4	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#84

1,2,4-Trimethylbenzene

Concen: 19.715 ug/l

RT: 11.750 min Scan# 1749

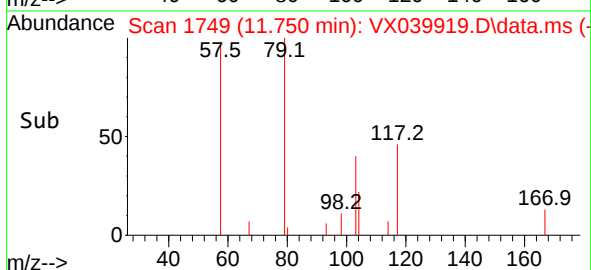
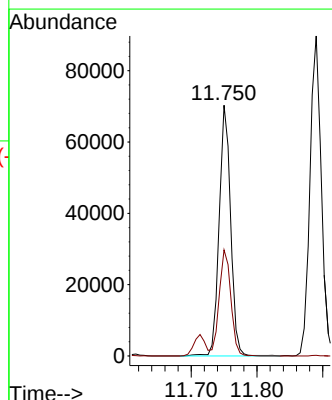
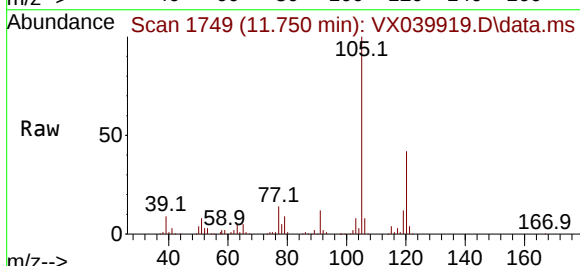
Delta R.T. -0.000 min

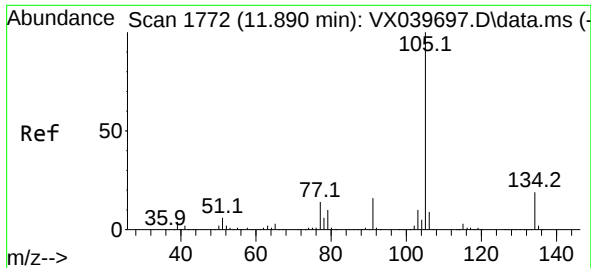
Lab File: VX039919.D

Acq: 23 Jan 2024 18:57

Tgt Ion:105 Resp: 85128

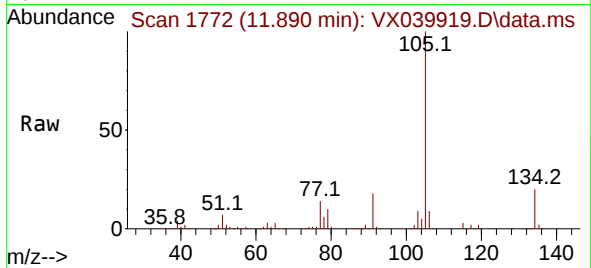
Ion	Ratio	Lower	Upper
105	100		
120	43.3	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 20.017 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX039919.D
 Acq: 23 Jan 2024 18:57

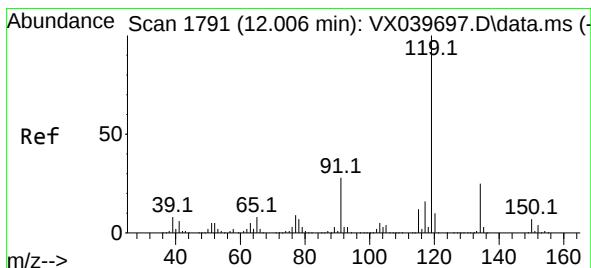
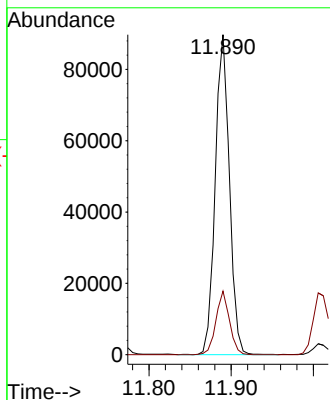
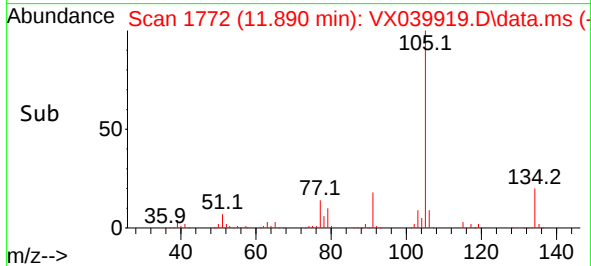
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0123MBS01



Tgt Ion:105 Resp: 107364
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.8 29.4

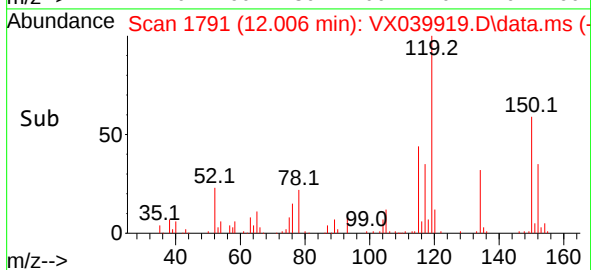
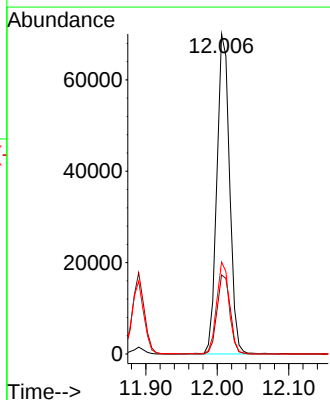
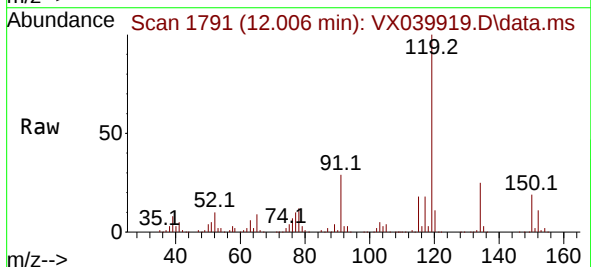
Manual Integrations
 APPROVED

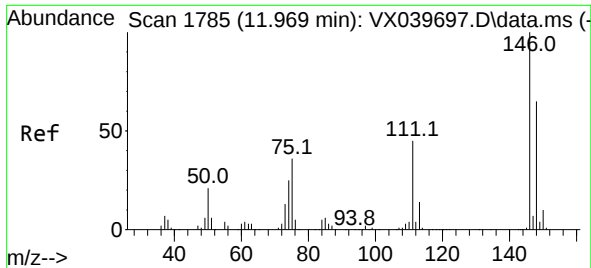
Reviewed By :John Carlone 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024



#86
 p-Isopropyltoluene
 Concen: 20.232 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX039919.D
 Acq: 23 Jan 2024 18:57

Tgt Ion:119 Resp: 86733
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.3
 91 28.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 20.547 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039919.D

Acq: 23 Jan 2024 18:57

Instrument :

MSVOA_X

ClientSampleId :

VX0123MBS01

Tgt Ion:146 Resp: 44689

Ion Ratio Lower Upper

146 100

111 43.6 22.1 66.1

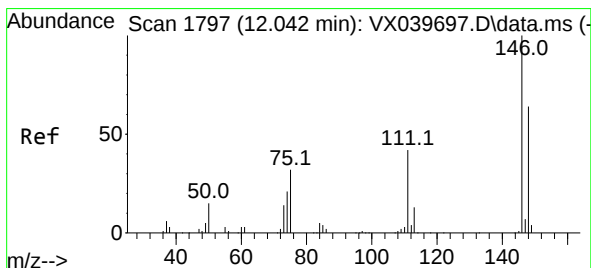
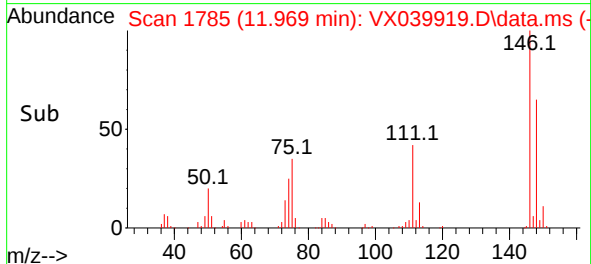
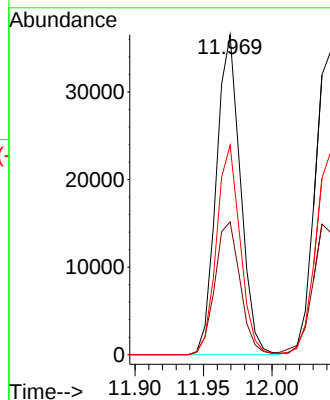
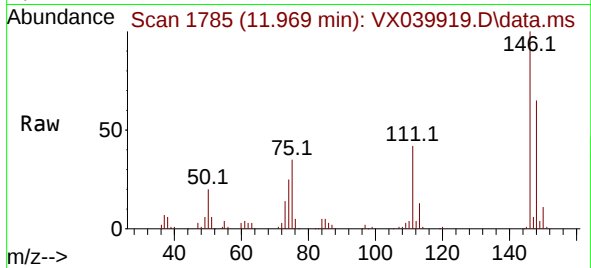
148 64.1 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#88

1,4-Dichlorobenzene

Concen: 20.116 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX039919.D

Acq: 23 Jan 2024 18:57

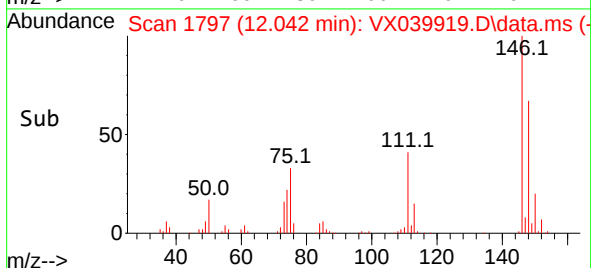
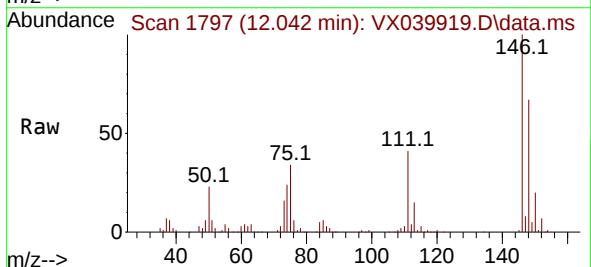
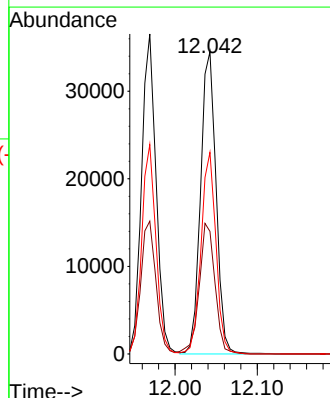
Tgt Ion:146 Resp: 45186

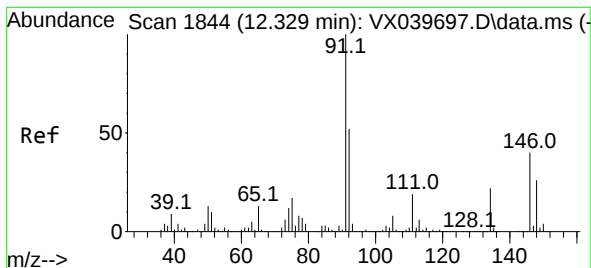
Ion Ratio Lower Upper

146 100

111 44.2 21.3 63.7

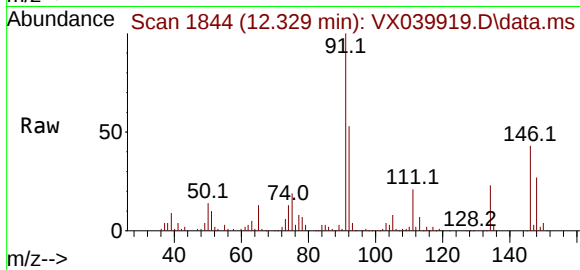
148 64.3 31.8 95.4





#89
n-Butylbenzene
Concen: 20.110 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

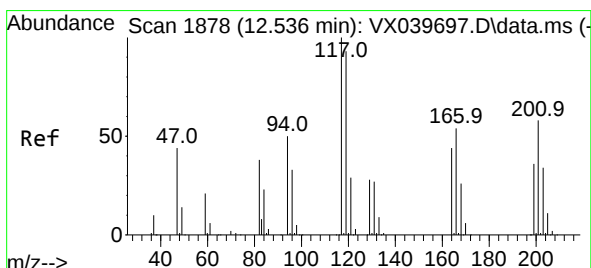
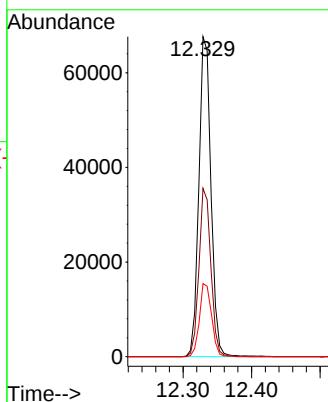
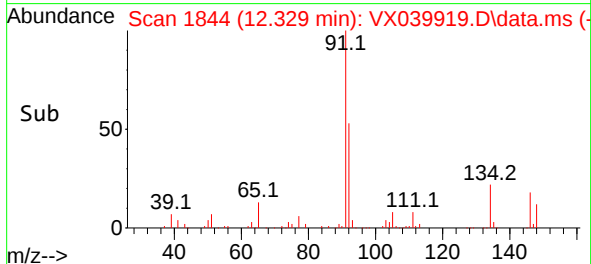
Instrument :
MSVOA_X
ClientSampleId :
VX0123MBS01



Tgt Ion: 91 Resp: 83260
Ion Ratio Lower Upper
91 100
92 51.8 27.4 82.0
134 22.9 12.6 37.8

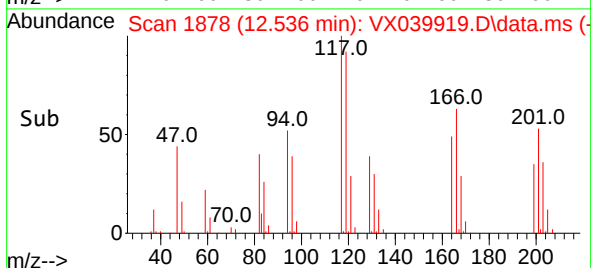
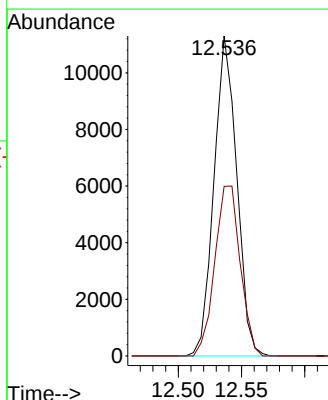
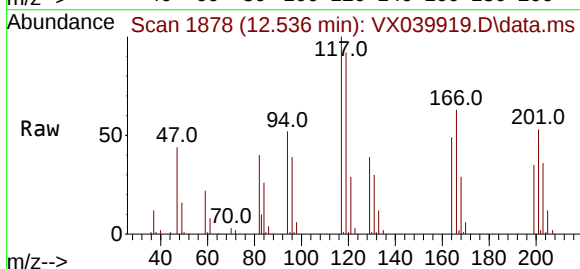
Manual Integrations
APPROVED

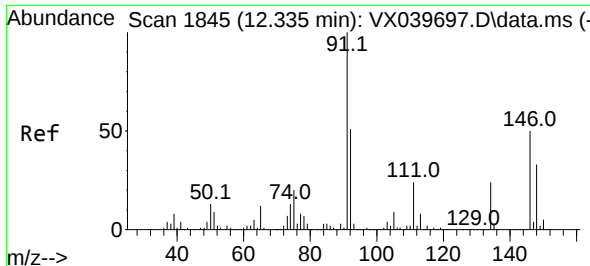
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#90
Hexachloroethane
Concen: 19.498 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

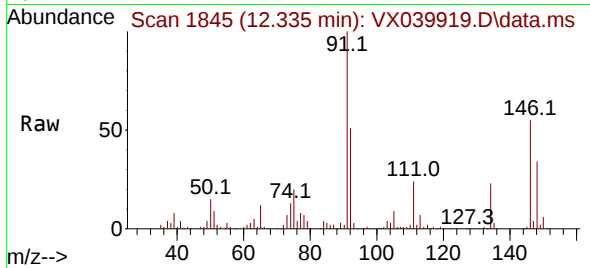
Tgt Ion:117 Resp: 14101
Ion Ratio Lower Upper
117 100
201 59.5 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 20.478 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

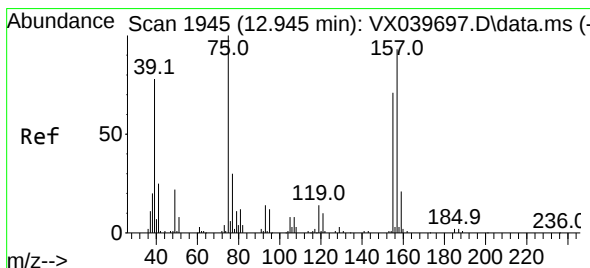
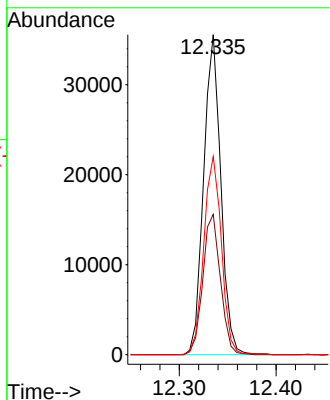
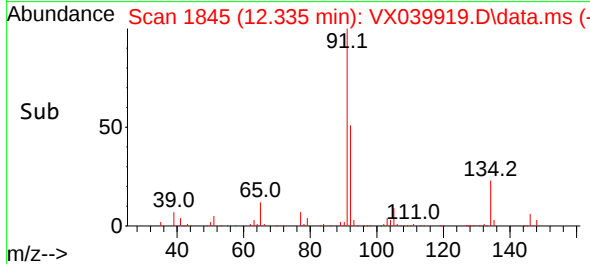
Instrument :
MSVOA_X
ClientSampleId :
VX0123MBS01



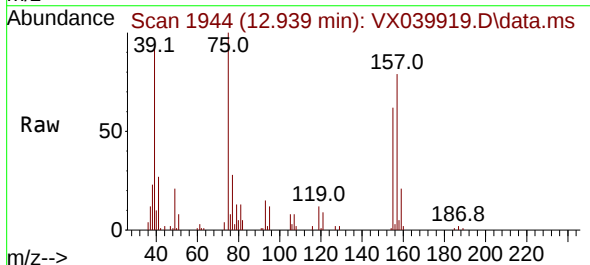
Tgt Ion:146 Resp: 4403
Ion Ratio Lower Upper
146 100
111 44.9 22.4 67.0
148 63.9 31.6 95.0

Manual Integrations
APPROVED

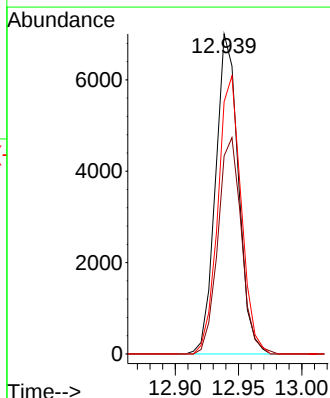
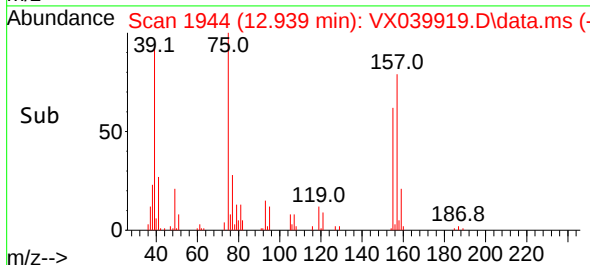
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

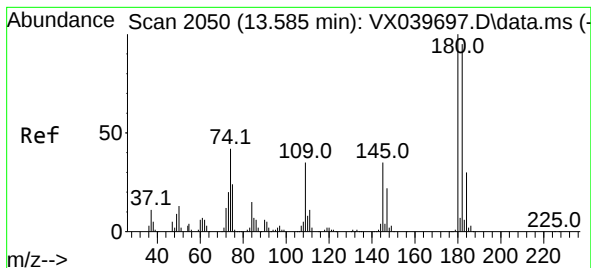


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.416 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57



Tgt Ion: 75 Resp: 8781
Ion Ratio Lower Upper
75 100
155 69.6 36.1 108.5
157 88.4 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 20.612 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX039919.D

Acq: 23 Jan 2024 18:57

Instrument :

MSVOA_X

ClientSampleId :

VX0123MBS01

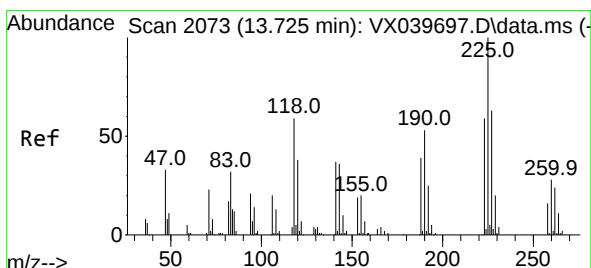
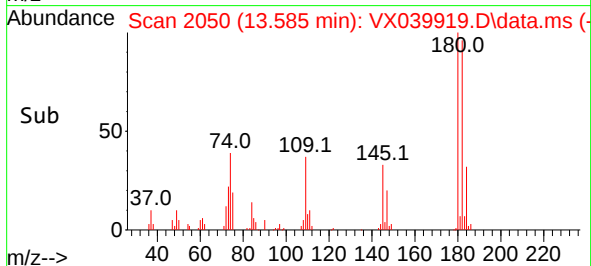
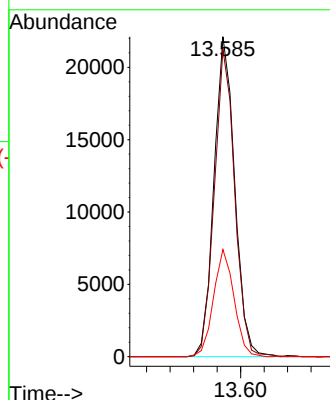
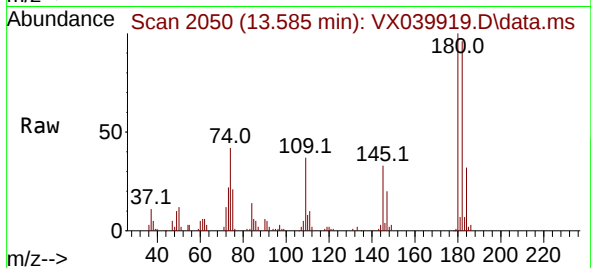
Tgt Ion:180	Resp:	27084
Ion Ratio	Lower	Upper
180	100	
182	94.1	48.3 144.8
145	33.2	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#94

Hexachlorobutadiene

Concen: 20.711 ug/l

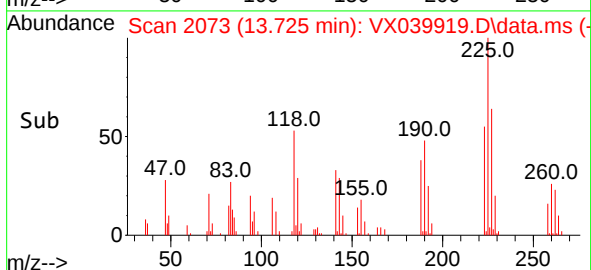
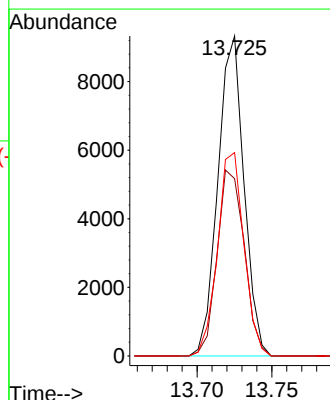
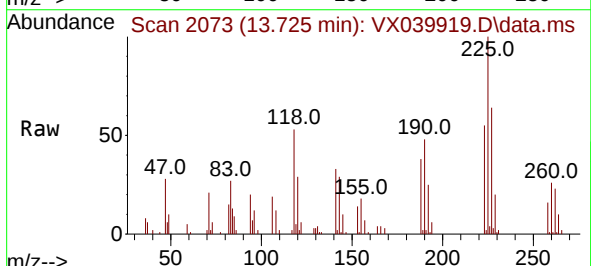
RT: 13.725 min Scan# 2073

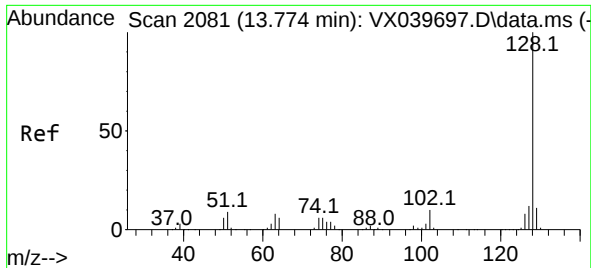
Delta R.T. 0.000 min

Lab File: VX039919.D

Acq: 23 Jan 2024 18:57

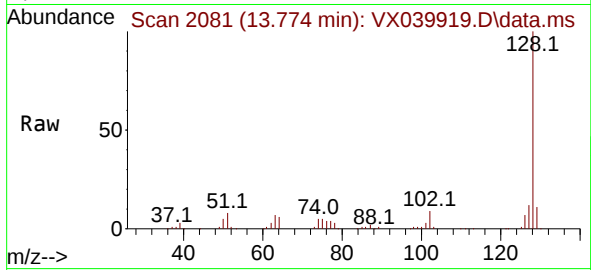
Tgt Ion:225	Resp:	11313
Ion Ratio	Lower	Upper
225	100	
223	60.6	31.1 93.2
227	64.2	32.5 97.5





#95
Naphthalene
Concen: 19.546 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

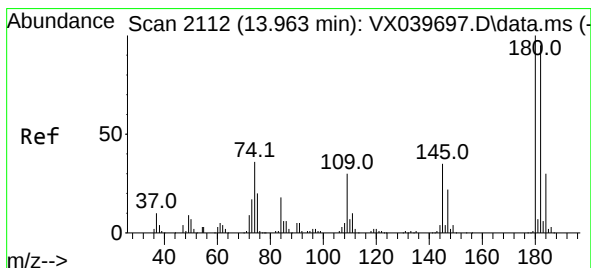
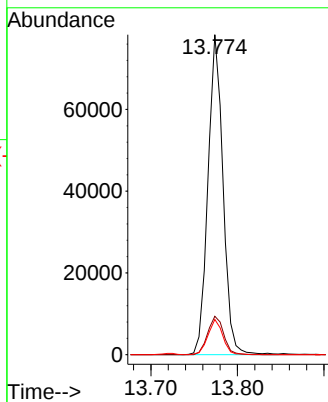
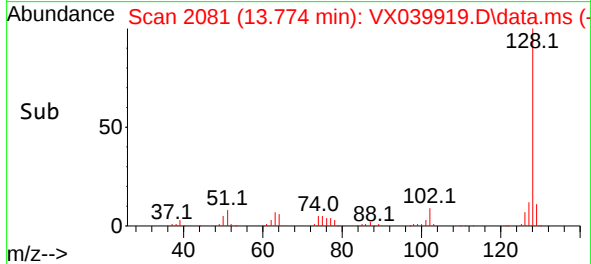
Instrument :
MSVOA_X
ClientSampleId :
VX0123MBS01



Tgt Ion:128 Resp: 94549
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#96
1,2,3-Trichlorobenzene
Concen: 20.440 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX039919.D
Acq: 23 Jan 2024 18:57

Tgt Ion:180 Resp: 27106
Ion Ratio Lower Upper
180 100
182 93.5 46.9 140.6
145 35.8 17.8 53.5

