

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043927.D
 Acq On : 21 Nov 2024 10:37
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Nov 21 11:27:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 11:25:29 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/22/2024
 Supervised By : Mahesh Dadoda 11/22/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	137617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	247844	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98477	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	48239	22.821	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	45.640%#		
35) Dibromofluoromethane	5.385	113	35015	21.040	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	42.080%#		
50) Toluene-d8	8.647	98	122646	22.060	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	44.120%#		
62) 4-Bromofluorobenzene	11.079	95	41087	22.365	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	44.720%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	35268	25.327	ug/l	98
3) Chloromethane	1.295	50	39622	22.767	ug/l	93
4) Vinyl Chloride	1.374	62	40173	22.975	ug/l	95
5) Bromomethane	1.593	94	24112	30.357	ug/l	98
6) Chloroethane	1.666	64	22213	26.595	ug/l	97
7) Trichlorofluoromethane	1.868	101	73464	29.469	ug/l	99
8) Diethyl Ether	2.136	74	25875	27.531	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	33284	22.561	ug/l	96
10) Methyl Iodide	2.441	142	43047	20.733	ug/l	94
11) Tert butyl alcohol	3.002	59	36554	108.748	ug/l	100
12) 1,1-Dichloroethene	2.307	96	32180	22.474	ug/l	96
13) Acrolein	2.240	56	35249	93.505	ug/l	99
14) Allyl chloride	2.660	41	53053	22.853	ug/l #	88
15) Acrylonitrile	3.069	53	94417	109.118	ug/l	99
16) Acetone	2.386	43	110373	130.004	ug/l	89
17) Carbon Disulfide	2.502	76	59349	18.983	ug/l	98
18) Methyl Acetate	2.709	43	50136	21.564	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	121776	23.009	ug/l	100
20) Methylene Chloride	2.788	84	37633	21.177	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	33545	21.489	ug/l	100
22) Diisopropyl ether	3.764	45	119475	23.557	ug/l	91
23) Vinyl Acetate	3.721	43	504408	122.699	ug/l	98
24) 1,1-Dichloroethane	3.599	63	67233	22.540	ug/l	99
25) 2-Butanone	4.568	43	148152	124.741	ug/l	97
26) 2,2-Dichloropropane	4.471	77	58444	23.843	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	41866	21.551	ug/l	94
28) Bromochloromethane	4.891	49	26507	21.119	ug/l	90
29) Tetrahydrofuran	5.013	42	87736	114.321	ug/l	98
30) Chloroform	5.087	83	72049	23.172	ug/l	97
31) Cyclohexane	5.458	56	53731	22.225	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	62394	23.474	ug/l	98
36) 1,1-Dichloropropene	5.684	75	44465	21.438	ug/l	99
37) Ethyl Acetate	4.715	43	54426	23.316	ug/l	97
38) Carbon Tetrachloride	5.672	117	48701	22.179	ug/l	99
39) Methylcyclohexane	7.379	83	55958	21.551	ug/l	99
40) Benzene	6.025	78	144401	22.144	ug/l	100

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 Quant Title : SW846 8260
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Reviewed By : John Carlone 11/22/2024
 Supervised By : Mahesh Dadoda 11/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	28938	23.789	ug/l	95
42) 1,2-Dichloroethane	6.086	62	57981	24.487	ug/l	98
43) Isopropyl Acetate	6.349	43	88577	24.054	ug/l	94
44) Trichloroethene	7.117	130	36440	20.270	ug/l	95
45) 1,2-Dichloropropane	7.428	63	35791	22.394	ug/l	97
46) Dibromomethane	7.580	93	27799	23.082	ug/l	96
47) Bromodichloromethane	7.818	83	49665	23.471	ug/l #	94
48) Methyl methacrylate	7.690	41	41962	22.991	ug/l #	87
49) 1,4-Dioxane	7.665	88	12071	310.503	ug/l #	62
51) 4-Methyl-2-Pentanone	8.574	43	278479	121.285	ug/l	95
52) Toluene	8.714	92	87569	23.277	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	50294	23.425	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	56407	23.184	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	37148	25.308	ug/l	96
56) Ethyl methacrylate	9.116	69	56585	24.347	ug/l #	88
57) 1,3-Dichloropropane	9.305	76	61420	24.976	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	136842	112.277	ug/l	96
59) 2-Hexanone	9.433	43	213629	131.869	ug/l	93
60) Dibromochloromethane	9.519	129	34133	23.864	ug/l	100
61) 1,2-Dibromoethane	9.610	107	36985	24.156	ug/l	99
64) Tetrachloroethene	9.269	164	29274	20.948	ug/l	98
65) Chlorobenzene	10.080	112	96469	21.197	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	32353	21.360	ug/l	98
67) Ethyl Benzene	10.189	91	166435	21.731	ug/l	98
68) m/p-Xylenes	10.299	106	122658	42.997	ug/l	95
69) o-Xylene	10.640	106	60254	21.648	ug/l	94
70) Styrene	10.653	104	102329	22.308	ug/l	97
71) Bromoform	10.799	173	19329	19.555	ug/l #	97
73) Isopropylbenzene	10.964	105	157405	22.393	ug/l	99
74) N-amyl acetate	10.842	43	73525	23.459	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	54158	22.787	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	45423m	22.601	ug/l	
77) Bromobenzene	11.195	156	37631	21.843	ug/l	97
78) n-propylbenzene	11.305	91	176034	22.696	ug/l	98
79) 2-Chlorotoluene	11.360	91	112986	22.894	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	132041	22.662	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	14743	20.654	ug/l	88
82) 4-Chlorotoluene	11.451	91	125521	22.085	ug/l	99
83) tert-Butylbenzene	11.713	119	128636	21.582	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	132595	22.408	ug/l	99
85) sec-Butylbenzene	11.890	105	156312	21.962	ug/l	98
86) p-Isopropyltoluene	12.006	119	130605	21.854	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	67003	20.986	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	67195	20.527	ug/l	98
89) n-Butylbenzene	12.329	91	110491	21.698	ug/l	98
90) Hexachloroethane	12.536	117	19547	19.432	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	67852	20.298	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9939	20.259	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	38866	19.894	ug/l	100
94) Hexachlorobutadiene	13.725	225	14818	18.508	ug/l	91
95) Naphthalene	13.774	128	145678	19.999	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	41554	20.415	ug/l	97

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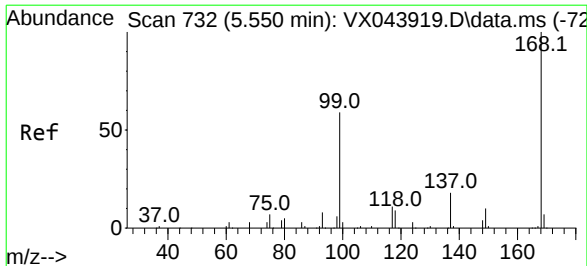
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 21 11:27:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 11:25:29 2024
Response via : Initial Calibration

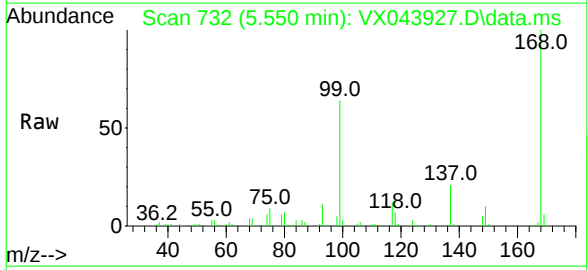
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 73
Delta R.T. -0.000 min
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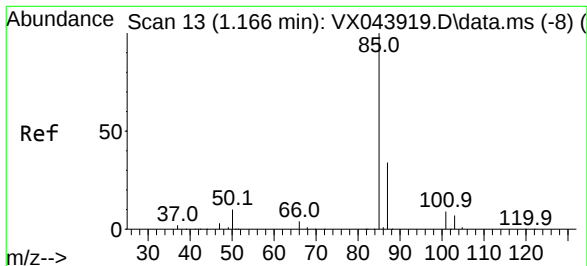
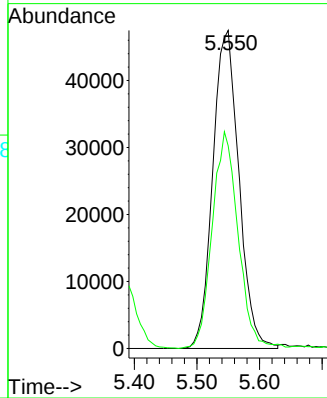
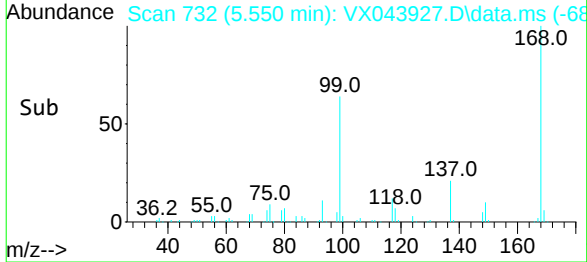
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:168 Resp: 137617
Ion Ratio Lower Upper
168 100
99 63.7 46.9 70.3

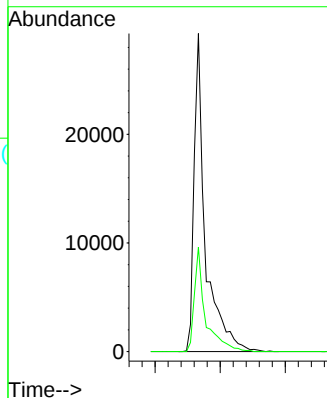
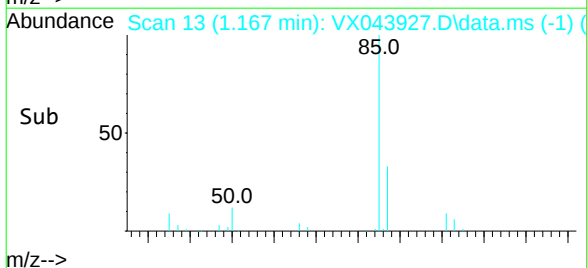
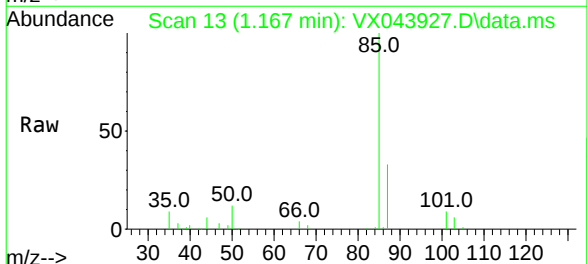
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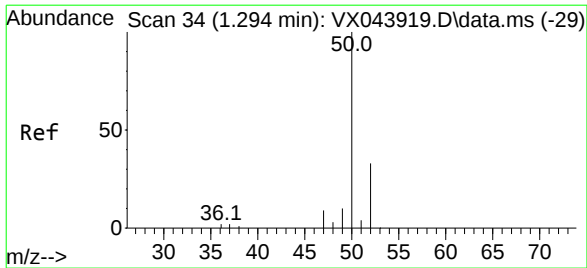
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#2
Dichlorodifluoromethane
Concen: 25.327 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

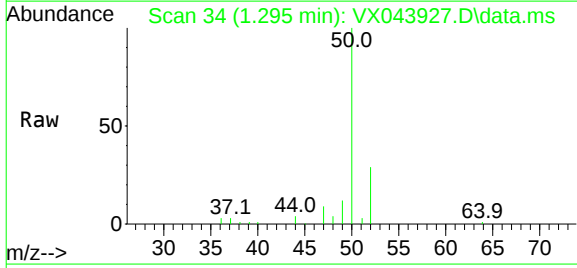
Tgt Ion: 85 Resp: 35268
Ion Ratio Lower Upper
85 100
87 32.8 17.1 51.2





#3
Chloromethane
Concen: 22.767 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

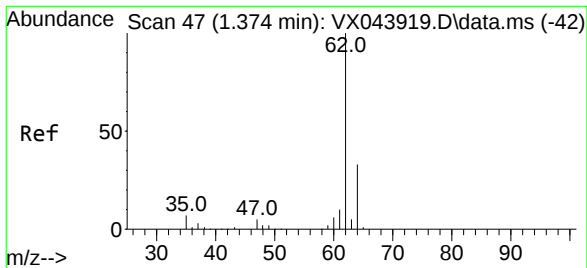
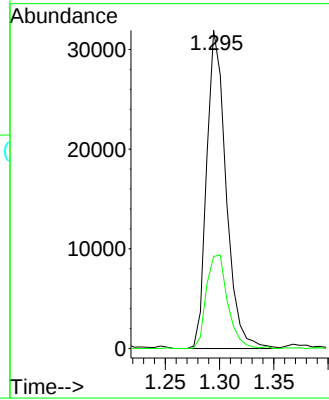
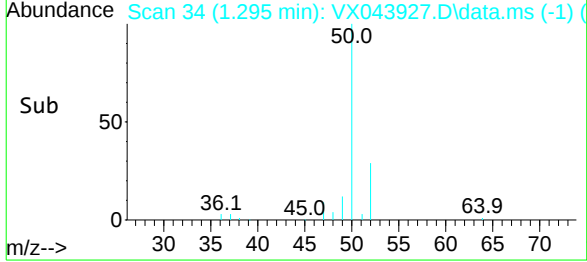
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 50 Resp: 39622
Ion Ratio Lower Upper
50 100
52 28.9 26.2 39.2

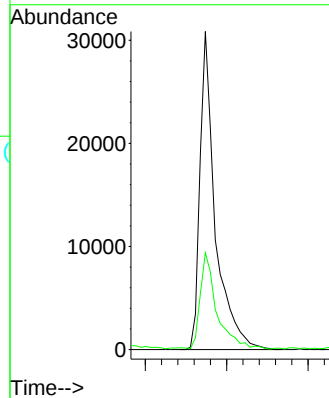
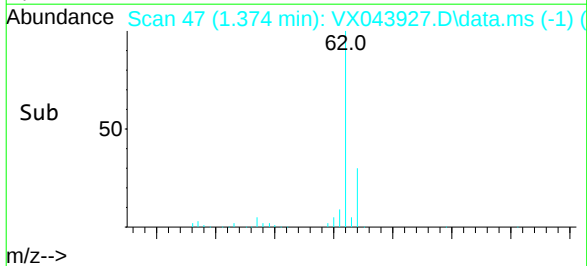
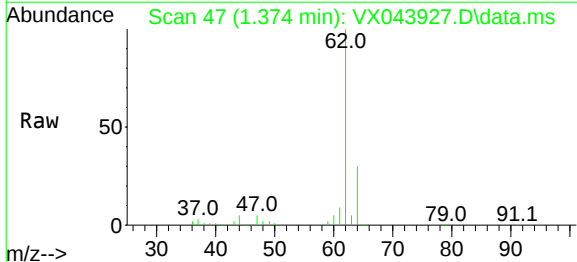
Manual Integrations
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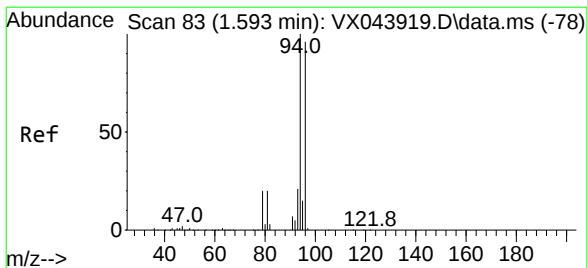
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#4
Vinyl Chloride
Concen: 22.975 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Tgt Ion: 62 Resp: 40173
Ion Ratio Lower Upper
62 100
64 30.0 26.1 39.1





#5

Bromomethane

Concen: 30.357 ug/l

RT: 1.593 min Scan# 83

Delta R.T. 0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 94 Resp: 24112

Ion Ratio Lower Upper

94 100

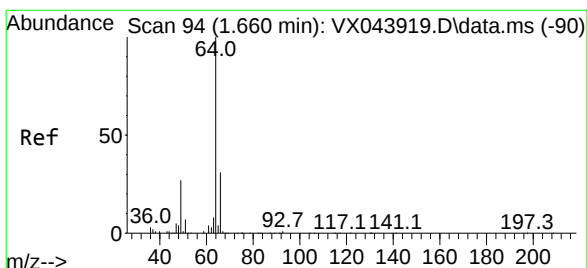
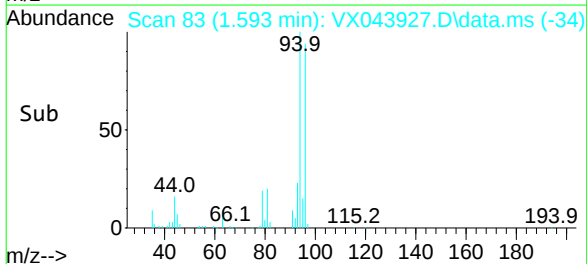
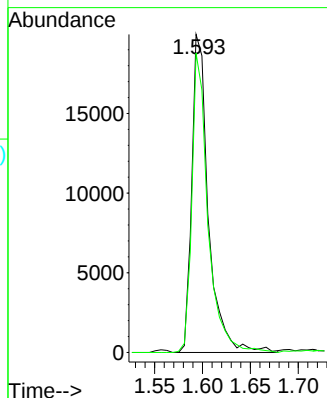
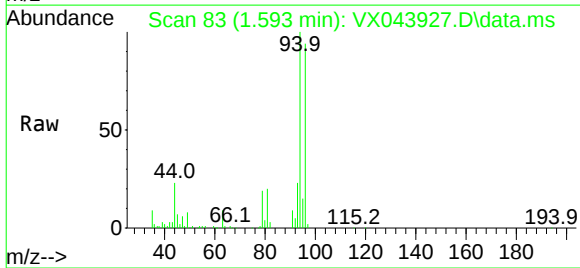
96 94.1 76.5 114.7

Manual Integrations

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Supervised By :Mahesh Dadoda 11/22/2024



#6

Chloroethane

Concen: 26.595 ug/l

RT: 1.666 min Scan# 95

Delta R.T. 0.006 min

Lab File: VX043927.D

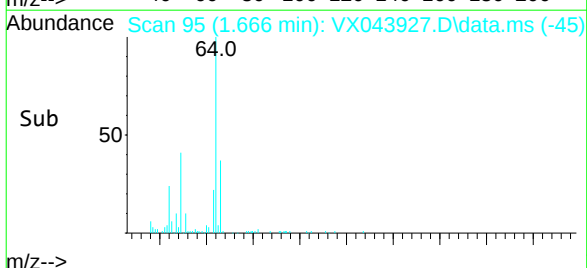
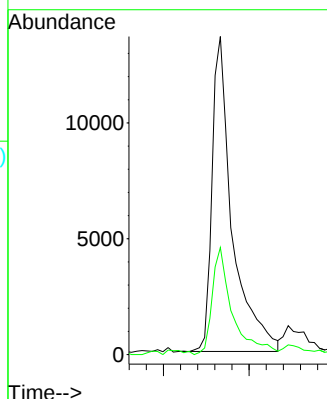
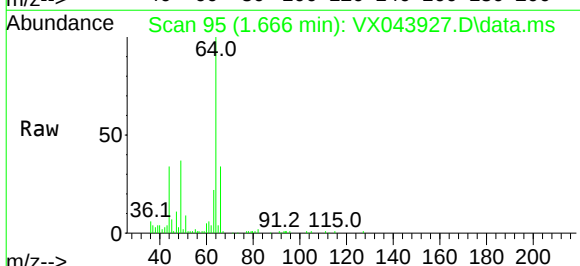
Acq: 21 Nov 2024 10:37

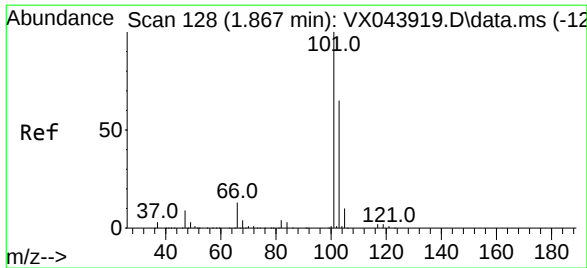
Tgt Ion: 64 Resp: 22213

Ion Ratio Lower Upper

64 100

66 32.9 24.9 37.3





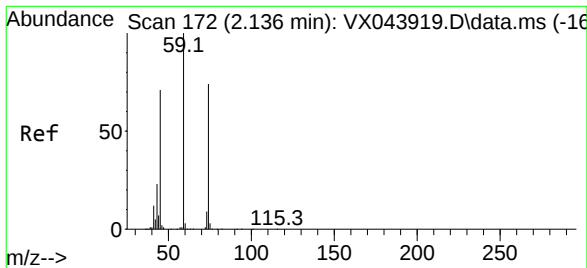
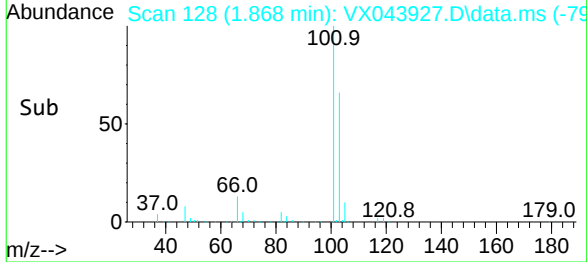
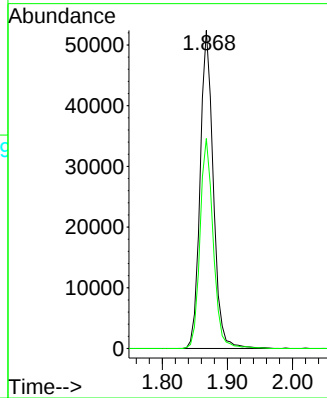
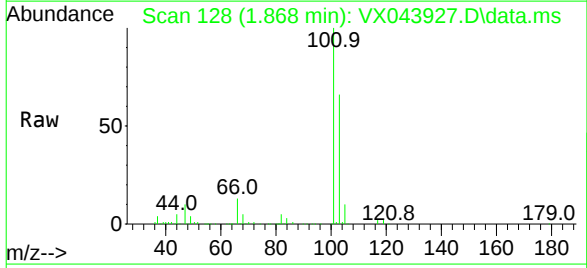
#7
 Trichlorofluoromethane
 Concen: 29.469 ug/l
 RT: 1.868 min Scan# 128
 Delta R.T. 0.000 min
 Lab File: VX043927.D
 Acq: 21 Nov 2024 10:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion:101 Resp: 73464
 Ion Ratio Lower Upper
 101 100
 103 66.0 52.2 78.4

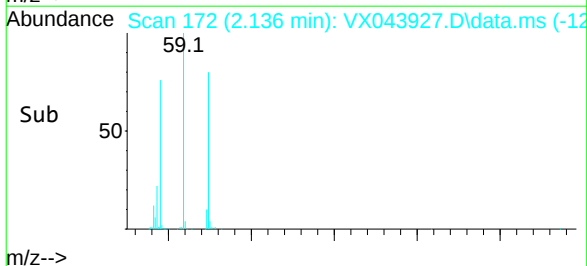
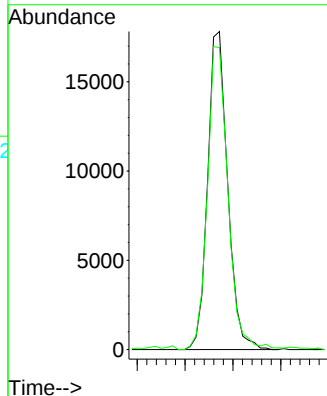
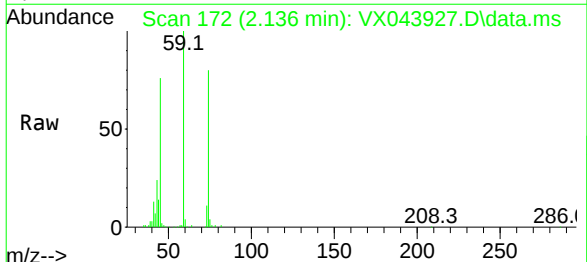
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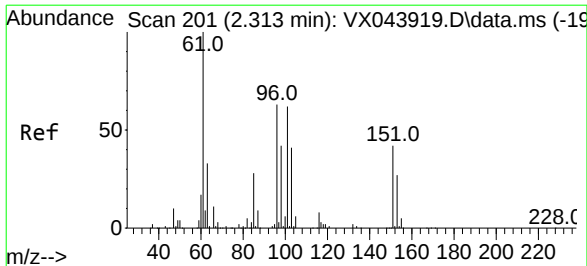
Reviewed By :John Carlone 11/22/2024
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#8
 Diethyl Ether
 Concen: 27.531 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX043927.D
 Acq: 21 Nov 2024 10:37

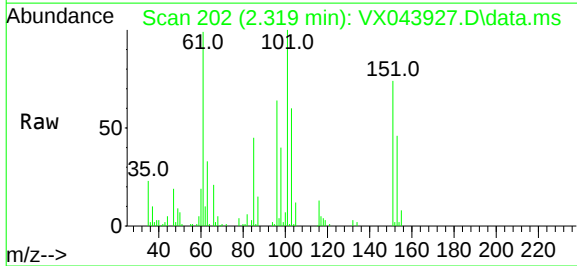
Tgt Ion: 74 Resp: 25875
 Ion Ratio Lower Upper
 74 100
 45 98.4 49.9 149.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.561 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

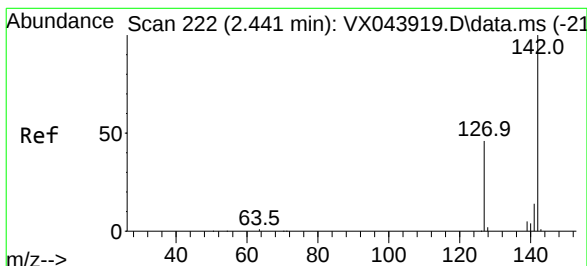
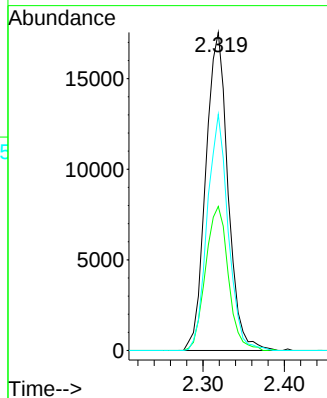
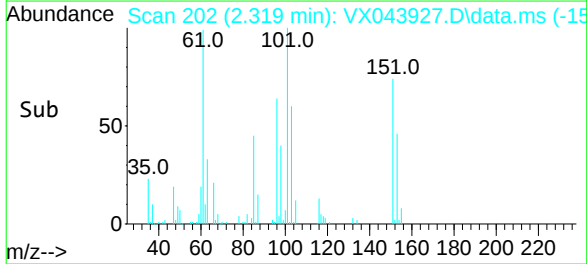
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:101 Resp: 33284
Ion Ratio Lower Upper
101 100
85 46.3 36.6 54.8
151 70.1 59.8 89.6

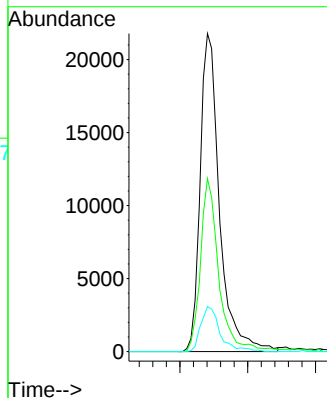
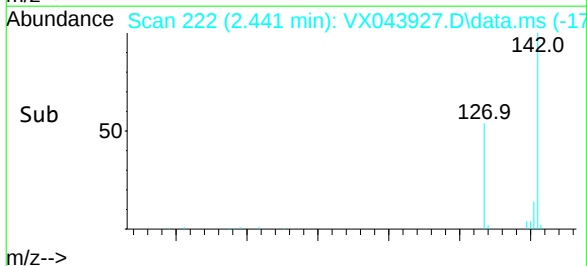
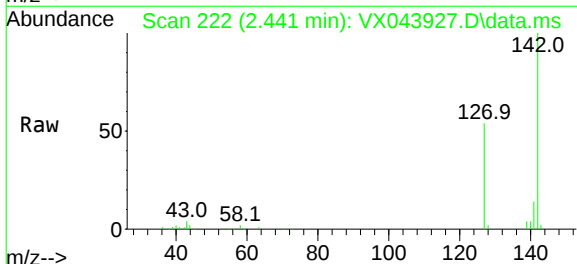
Manual Integrations
APPROVED

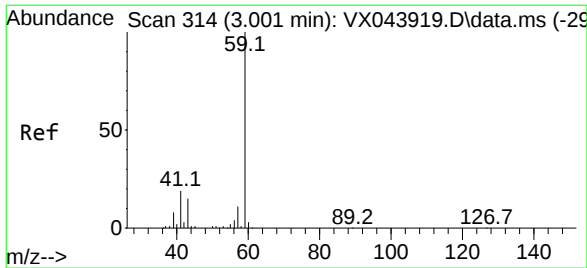
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#10
Methyl Iodide
Concen: 20.733 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Tgt Ion:142 Resp: 43047
Ion Ratio Lower Upper
142 100
127 51.8 37.3 55.9
141 14.2 11.4 17.2





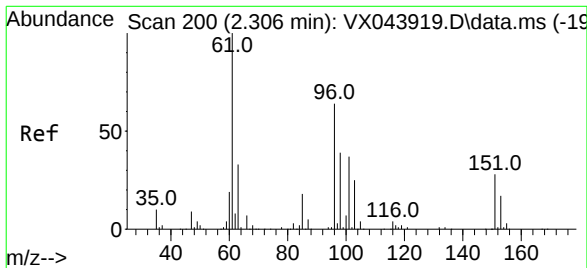
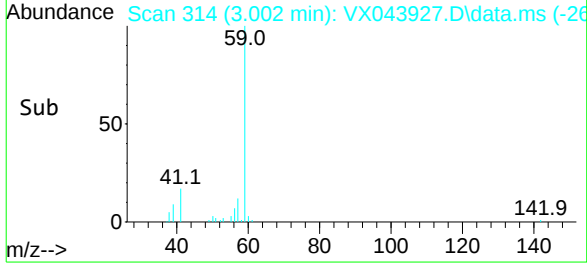
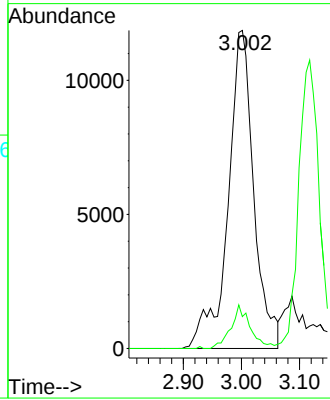
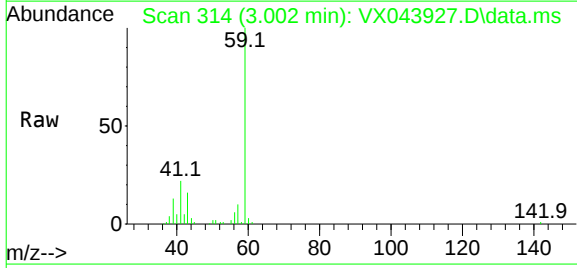
#11
Tert butyl alcohol
Concen: 108.748 ug/l
RT: 3.002 min Scan# 314
Delta R.T. 0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 59 Resp: 36554
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

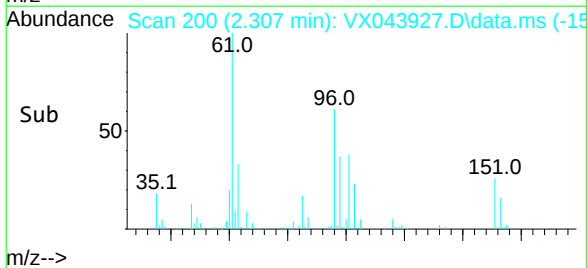
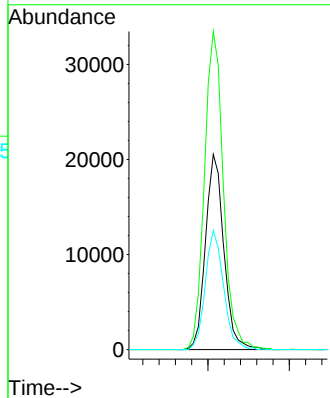
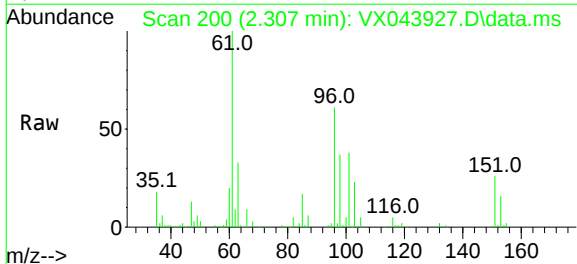
Manual Integrations
APPROVED

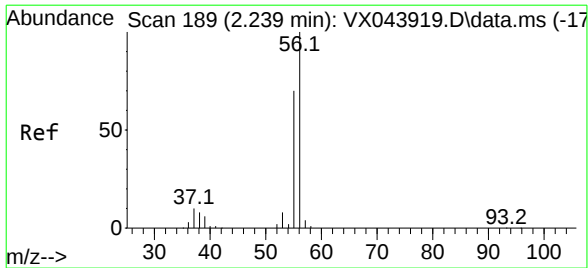
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#12
1,1-Dichloroethene
Concen: 22.474 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Tgt Ion: 96 Resp: 32180
Ion Ratio Lower Upper
96 100
61 162.9 124.6 187.0
98 61.0 49.0 73.6





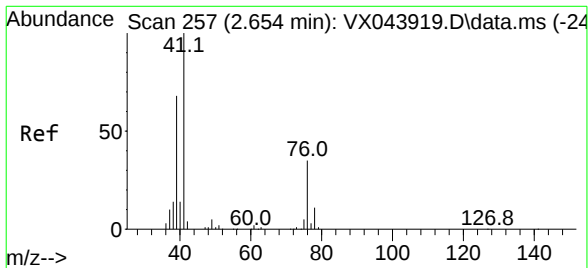
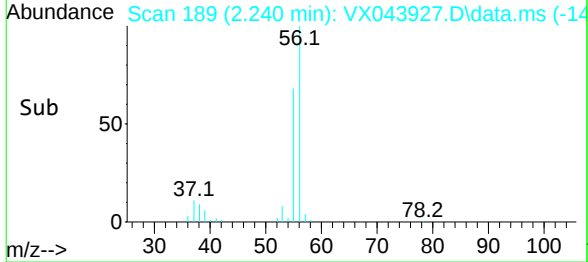
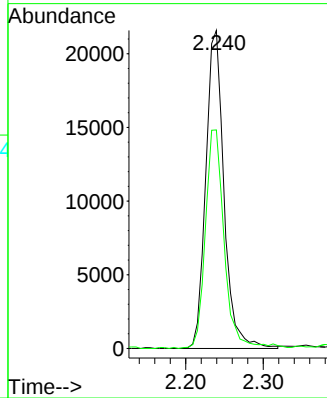
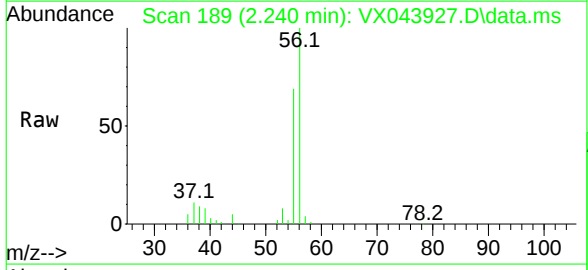
#13
Acrolein
Concen: 93.505 ug/l
RT: 2.240 min Scan# 18
Delta R.T. 0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 35249
Ion Ratio Lower Upper
56 100
55 71.2 56.1 84.1

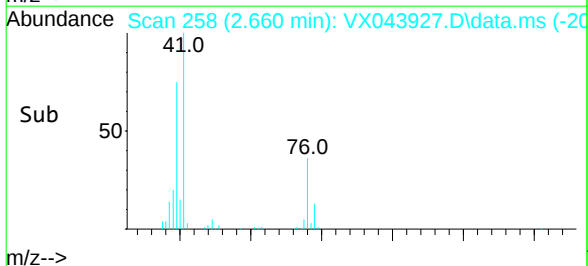
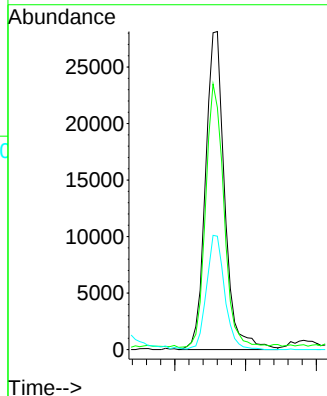
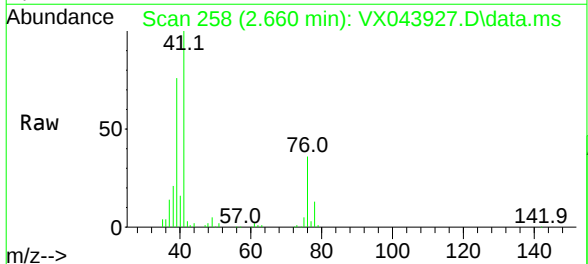
Manual Integrations
APPROVED

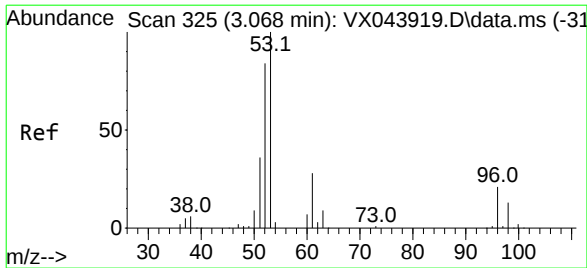
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#14
Allyl chloride
Concen: 22.853 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Tgt Ion: 41 Resp: 53053
Ion Ratio Lower Upper
41 100
39 78.7 51.7 77.5#
76 33.9 28.2 42.2





#15

Acrylonitrile

Concen: 109.118 ug/l

RT: 3.069 min Scan# 32

Delta R.T. 0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

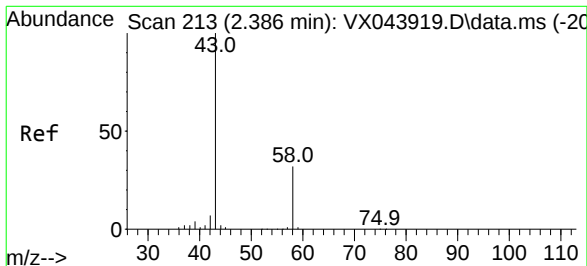
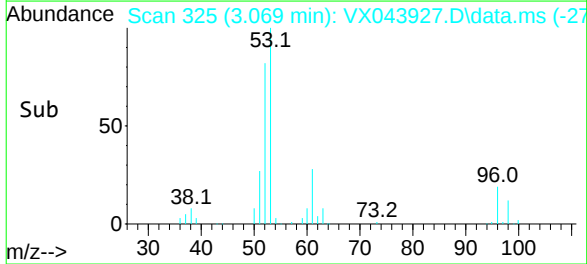
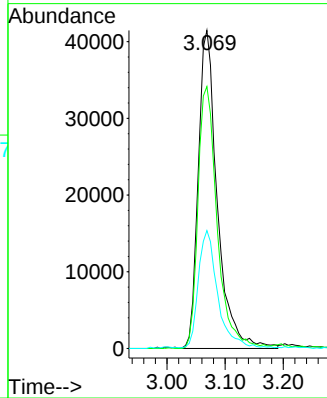
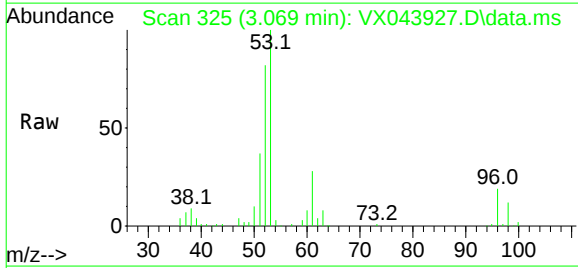
Tgt Ion: 53	Resp: 94417
Ion Ratio	Lower Upper
53 100	
52 83.1	65.8 98.8
51 37.1	28.6 42.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#16

Acetone

Concen: 130.004 ug/l

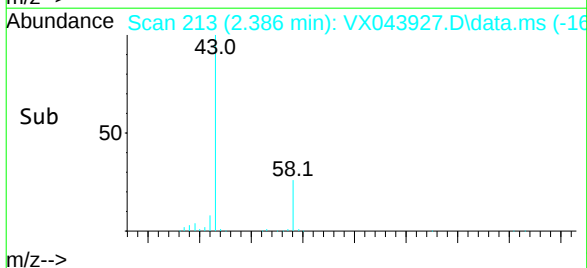
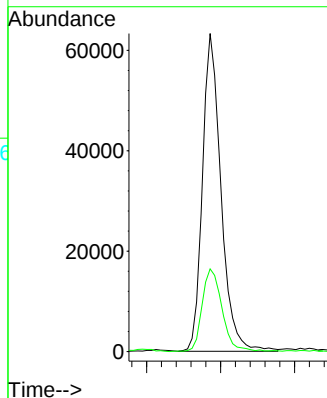
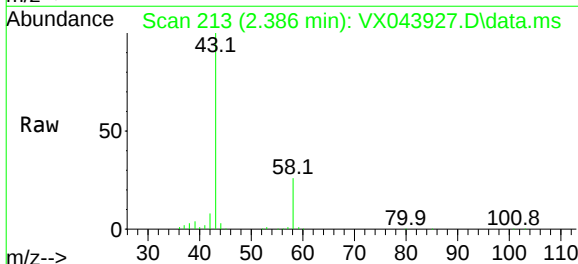
RT: 2.386 min Scan# 213

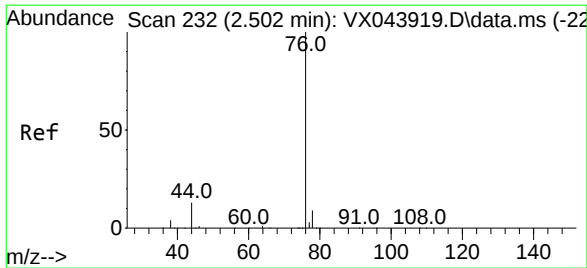
Delta R.T. 0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Tgt Ion: 43	Resp: 110373
Ion Ratio	Lower Upper
43 100	
58 25.9	25.8 38.6





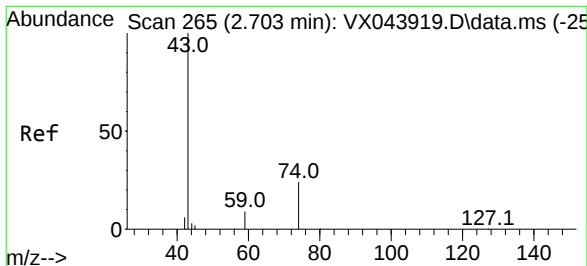
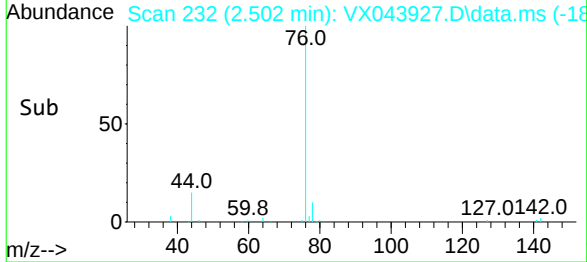
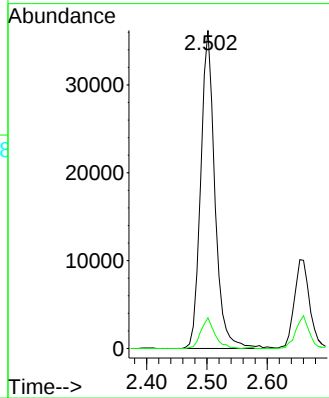
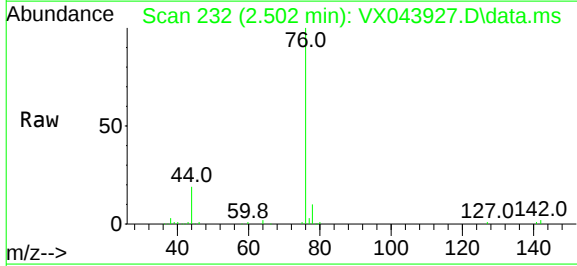
#17
Carbon Disulfide
Concen: 18.983 ug/l
RT: 2.502 min Scan# 231
Delta R.T. 0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 59349
Ion Ratio Lower Upper
76 100
78 9.7 7.3 10.9

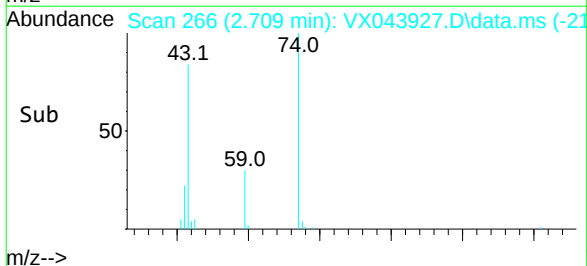
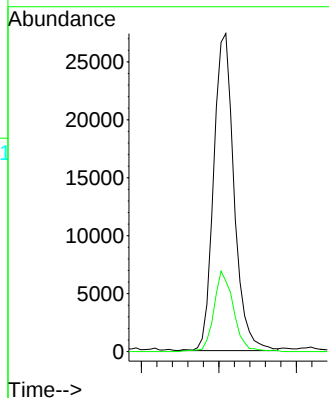
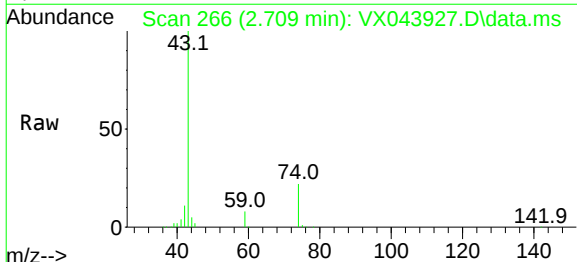
Manual Integrations
APPROVED

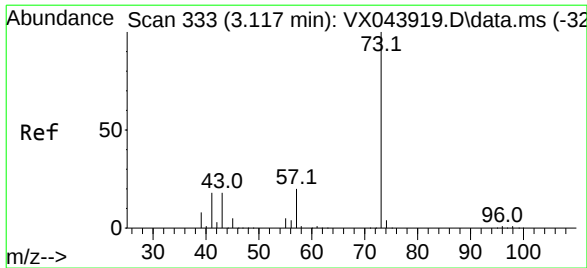
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#18
Methyl Acetate
Concen: 21.564 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Tgt Ion: 43 Resp: 50136
Ion Ratio Lower Upper
43 100
74 24.4 20.1 30.1





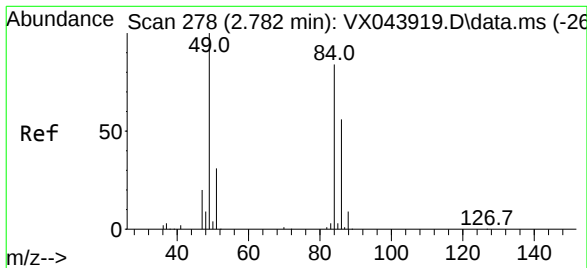
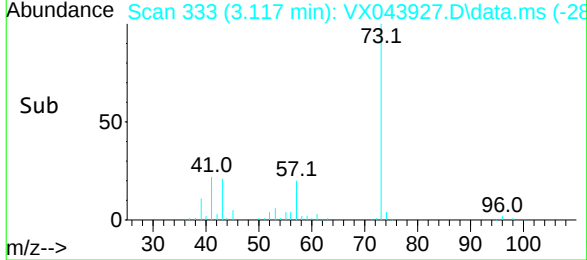
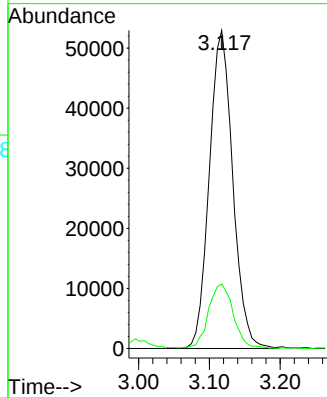
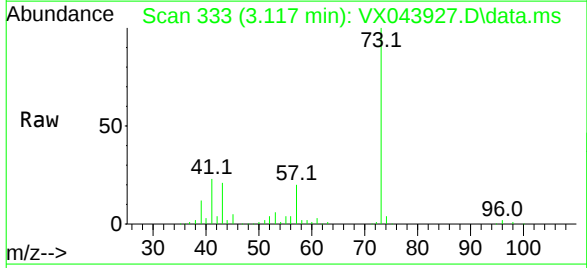
#19
Methyl tert-butyl Ether
Concen: 23.009 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 121776
Ion Ratio Lower Upper
73 100
57 20.3 16.4 24.6

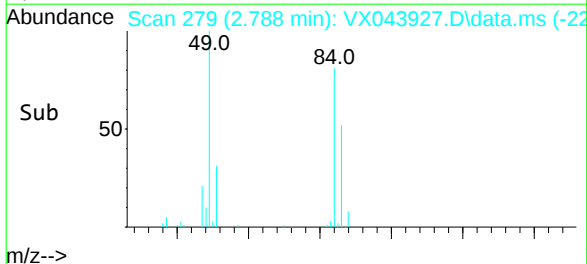
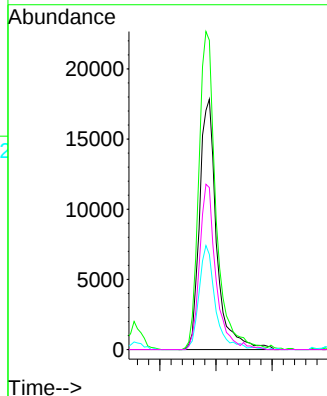
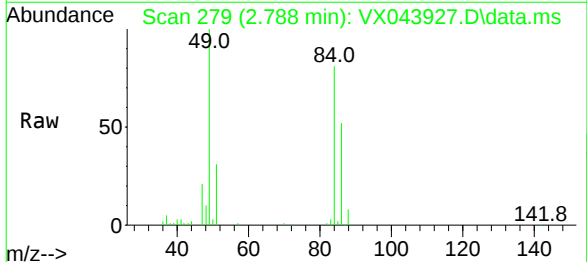
Manual Integrations
APPROVED

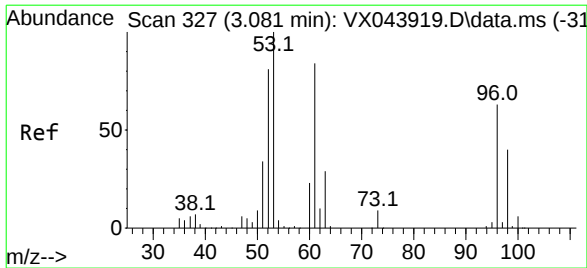
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#20
Methylene Chloride
Concen: 21.177 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

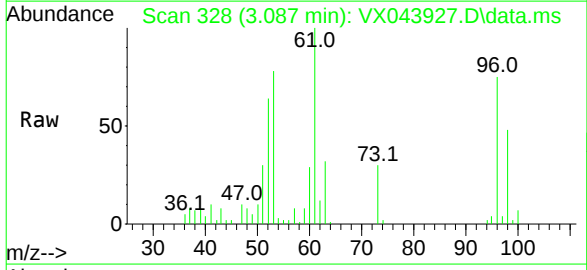
Tgt Ion: 84 Resp: 37633
Ion Ratio Lower Upper
84 100
49 123.5 95.1 142.7
51 38.0 29.2 43.8
86 64.7 53.4 80.0





#21
trans-1,2-Dichloroethene
Concen: 21.489 ug/l
RT: 3.087 min Scan# 327
Delta R.T. 0.006 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

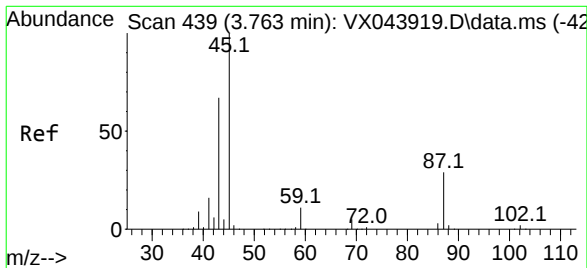
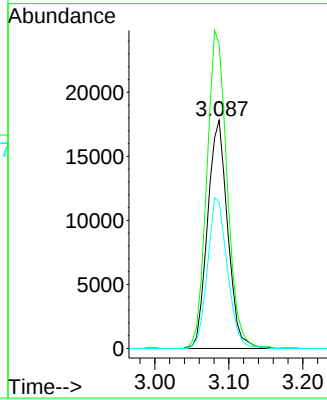
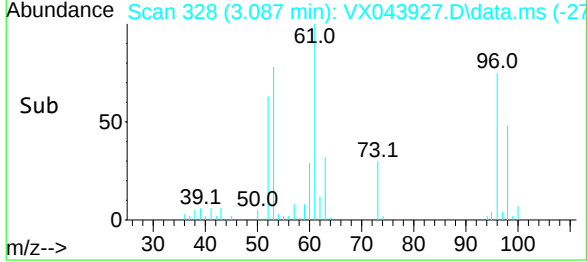
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 96 Resp: 33545
Ion Ratio Lower Upper
96 100
61 133.4 106.4 159.6
98 64.0 50.9 76.3

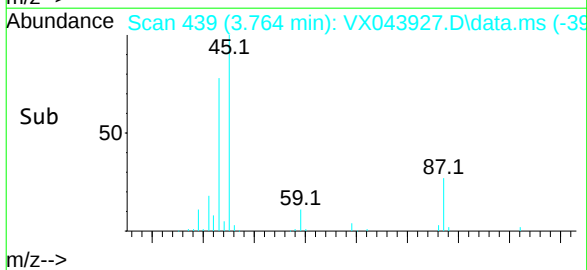
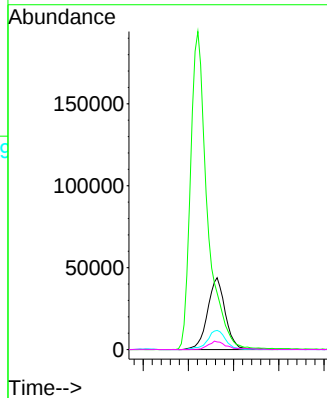
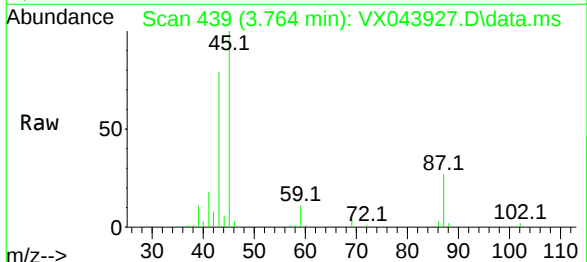
Manual Integrations
APPROVED

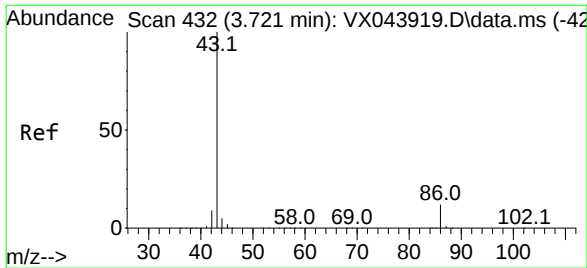
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#22
Diisopropyl ether
Concen: 23.557 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Tgt Ion: 45 Resp: 119475
Ion Ratio Lower Upper
45 100
43 77.4 53.8 80.6
87 26.6 23.4 35.2
59 10.6 9.2 13.8





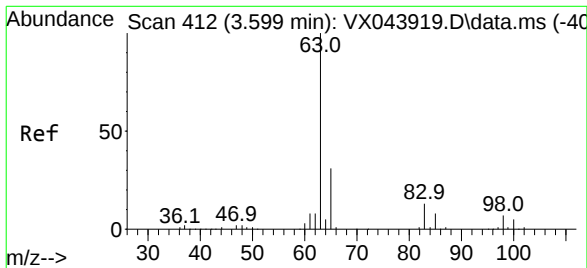
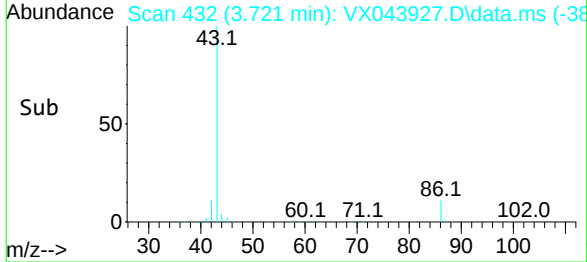
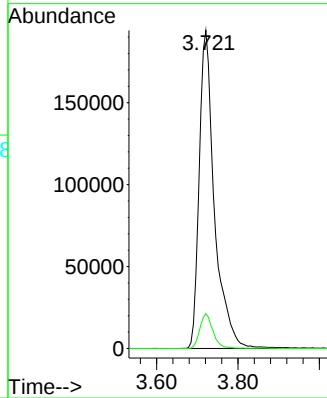
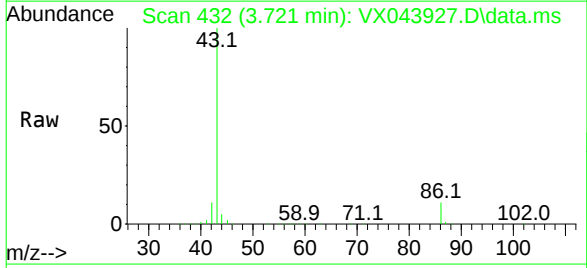
#23
 Vinyl Acetate
 Concen: 122.699 ug/l
 RT: 3.721 min Scan# 43
 Delta R.T. 0.000 min
 Lab File: VX043927.D
 Acq: 21 Nov 2024 10:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Tgt Ion: 43 Resp: 504408
 Ion Ratio Lower Upper
 43 100
 86 11.0 9.4 14.0

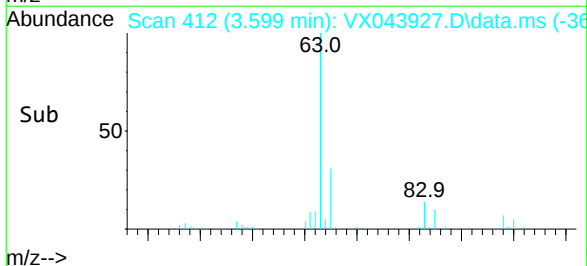
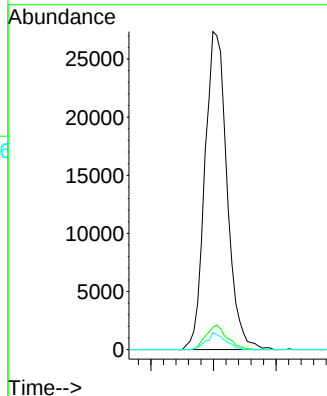
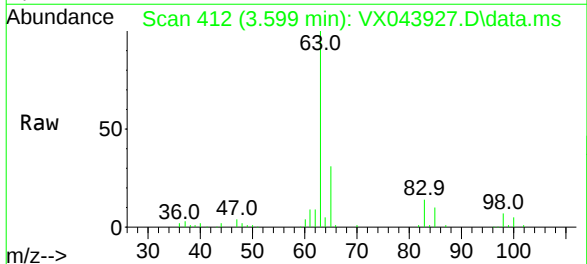
Manual Integrations
 APPROVED

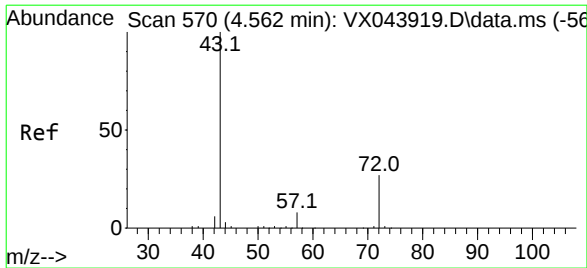
Reviewed By :John Carlone 11/22/2024
 Supervised By :Mahesh Dadoda 11/22/2024



#24
 1,1-Dichloroethane
 Concen: 22.540 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. 0.000 min
 Lab File: VX043927.D
 Acq: 21 Nov 2024 10:37

Tgt Ion: 63 Resp: 67233
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.7 11.1
 100 5.3 2.4 7.2





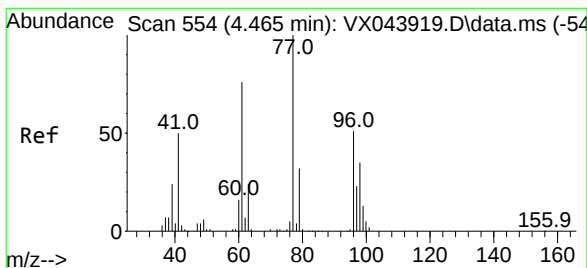
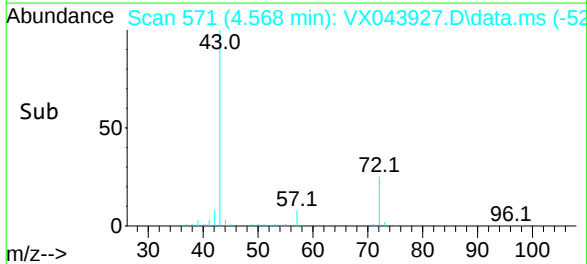
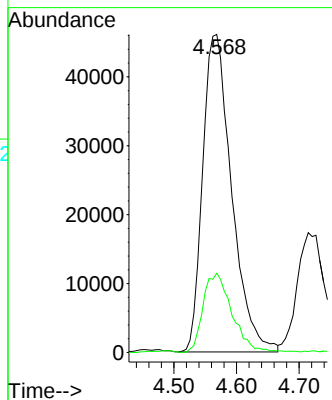
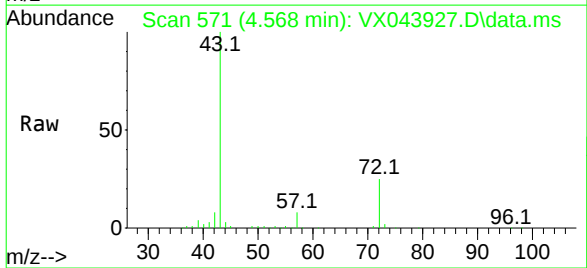
#25
2-Butanone
Concen: 124.741 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 148152
Ion Ratio Lower Upper
43 100
72 24.8 21.3 31.9

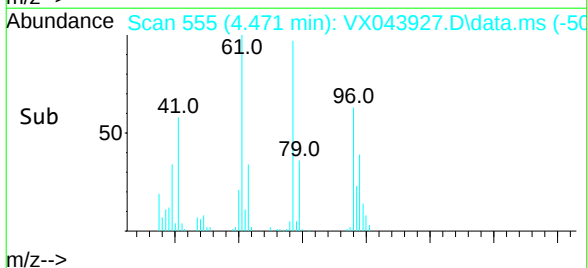
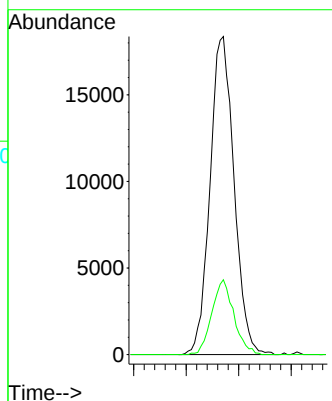
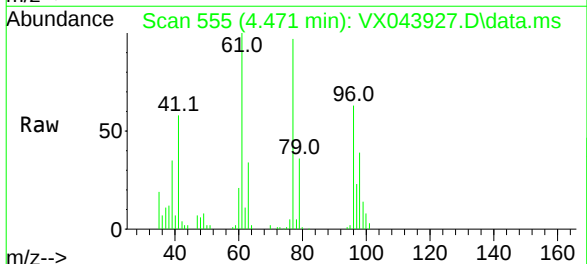
Manual Integrations
APPROVED

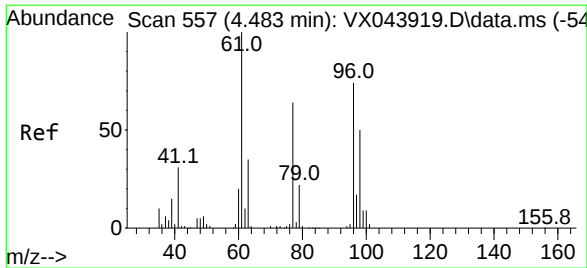
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#26
2,2-Dichloropropane
Concen: 23.843 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

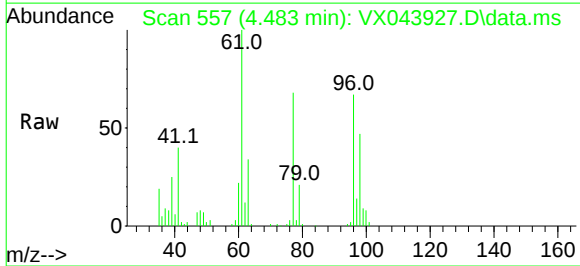
Tgt Ion: 77 Resp: 58444
Ion Ratio Lower Upper
77 100
97 21.5 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 21.551 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

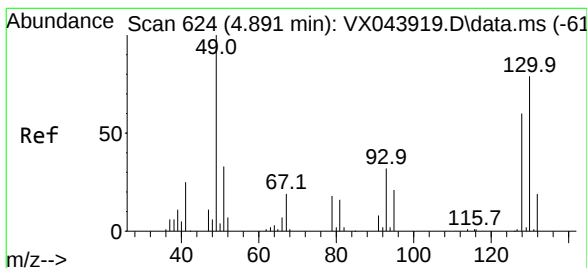
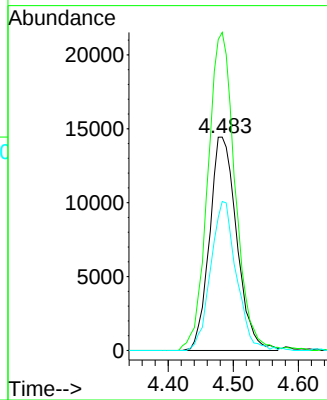
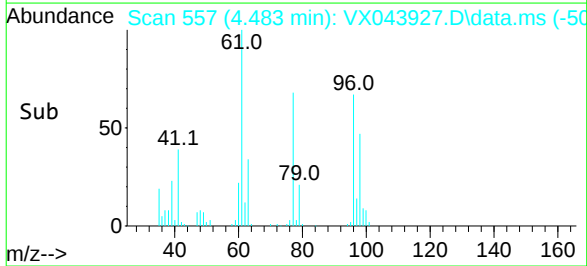
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 41866
Ion Ratio Lower Upper
96 100
61 149.9 0.0 279.4
98 66.3 0.0 131.6

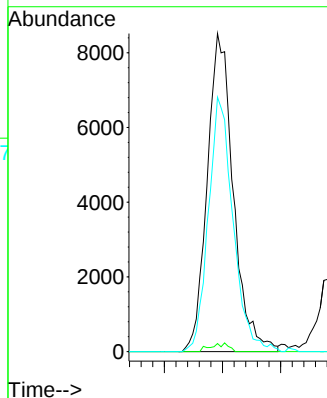
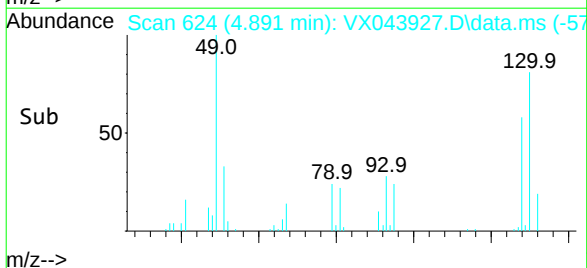
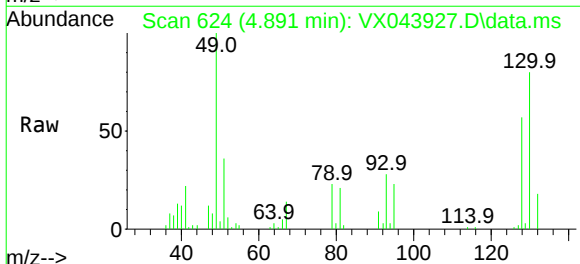
Manual Integrations
APPROVED

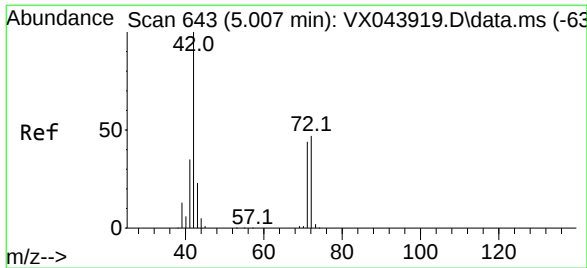
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#28
Bromochloromethane
Concen: 21.119 ug/l
RT: 4.891 min Scan# 624
Delta R.T. 0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Tgt Ion: 49 Resp: 26507
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.4
130 75.8 68.2 102.2





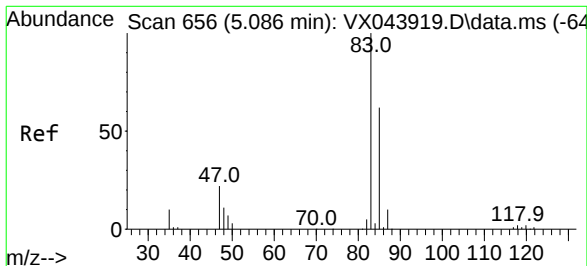
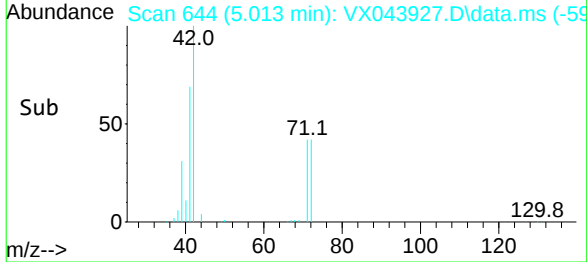
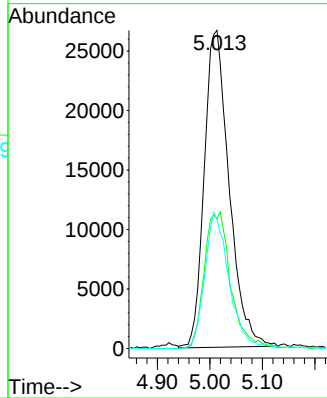
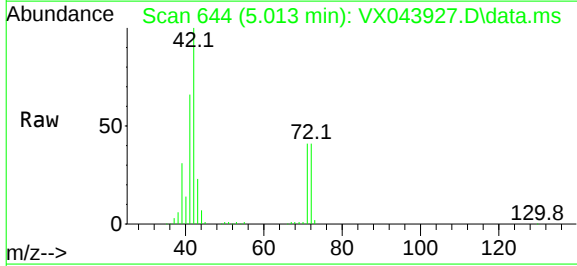
#29
Tetrahydrofuran
Concen: 114.321 ug/l
RT: 5.013 min Scan# 643
Delta R.T. 0.006 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:	42	Resp:	87736
Ion	Ratio	Lower	Upper
42	100		
72	45.8	37.9	56.9
71	42.0	34.8	52.2

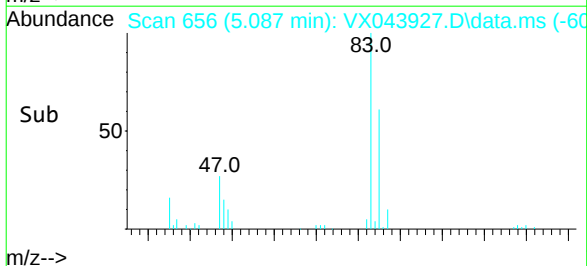
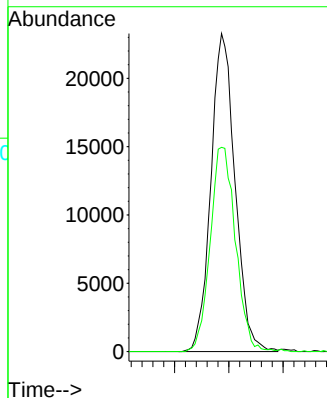
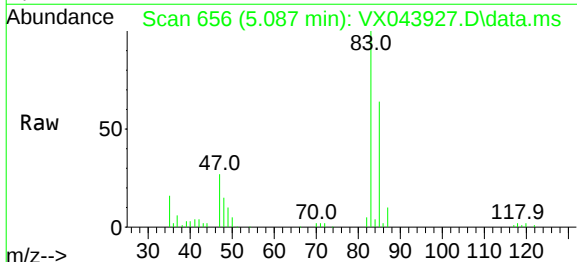
Manual Integrations
APPROVED

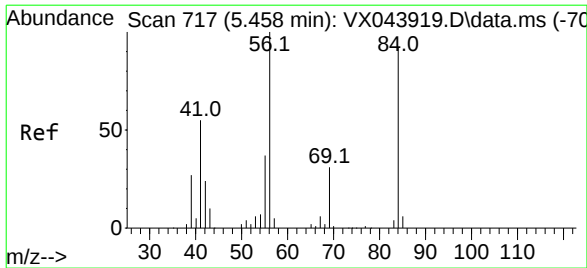
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#30
Chloroform
Concen: 23.172 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Tgt Ion:	83	Resp:	72049
Ion	Ratio	Lower	Upper
83	100		
85	64.2	49.7	74.5





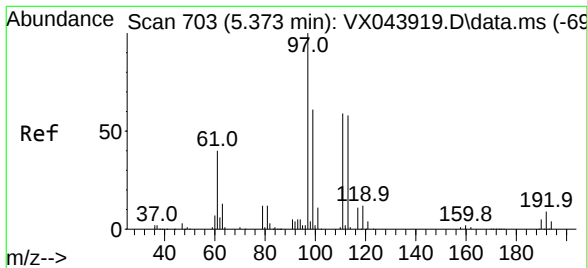
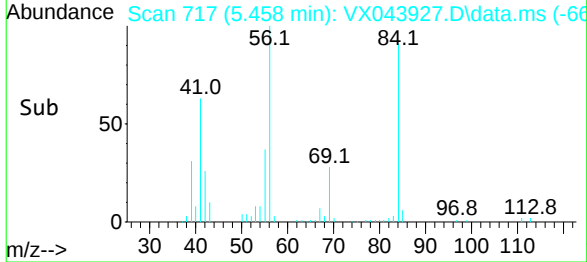
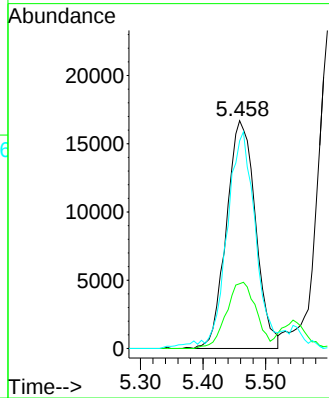
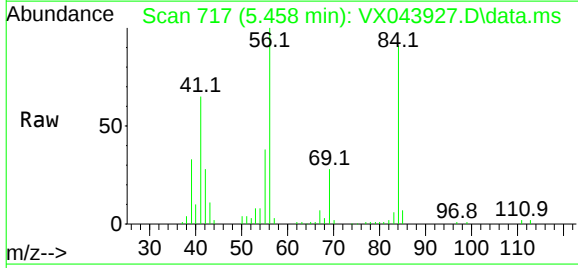
#31
Cyclohexane
Concen: 22.225 ug/l
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:	56	Resp:	53731
Ion	Ratio	Lower	Upper
56	100		
69	28.4	24.9	37.3
84	89.6	73.8	110.6

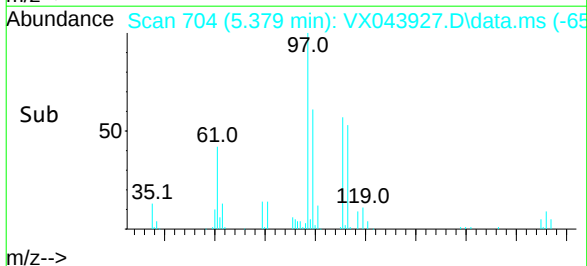
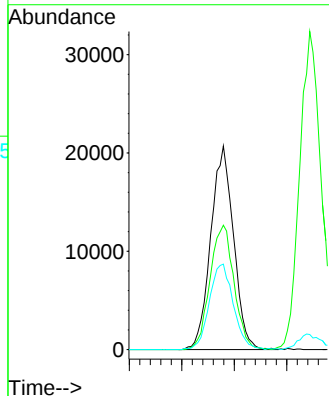
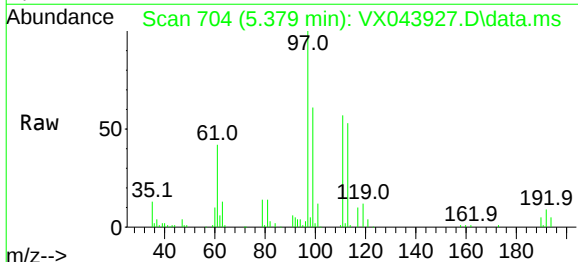
Manual Integrations
APPROVED

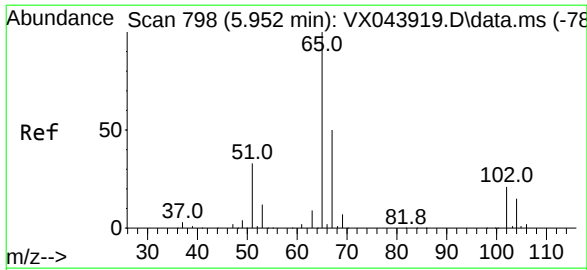
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#32
1,1,1-Trichloroethane
Concen: 23.474 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Tgt Ion:	97	Resp:	62394
Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.2	76.8
61	44.1	32.9	49.3





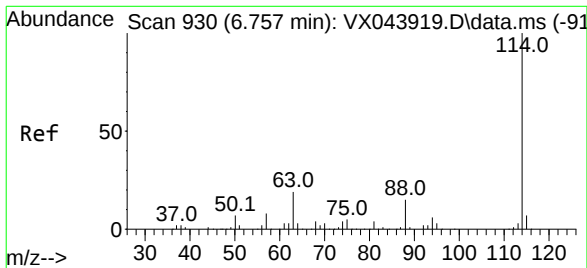
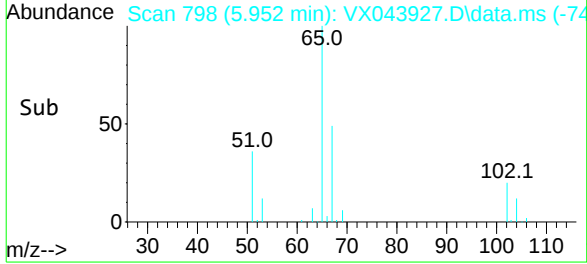
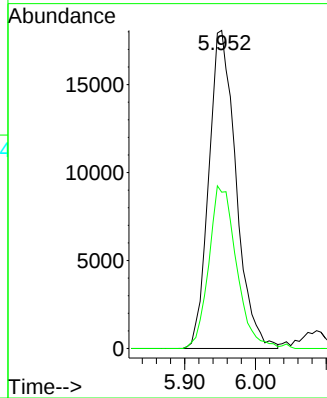
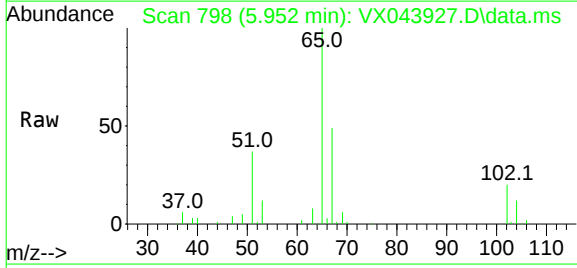
#33
1,2-Dichloroethane-d4
Concen: 22.821 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 65 Resp: 48239
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.2

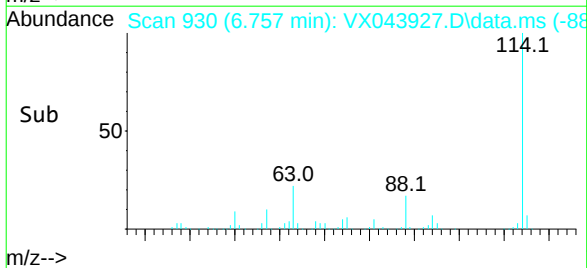
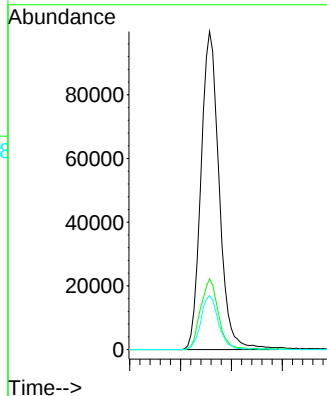
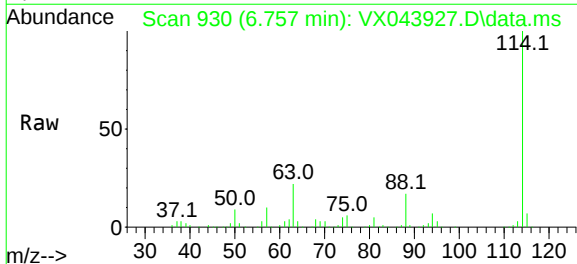
Manual Integrations
APPROVED

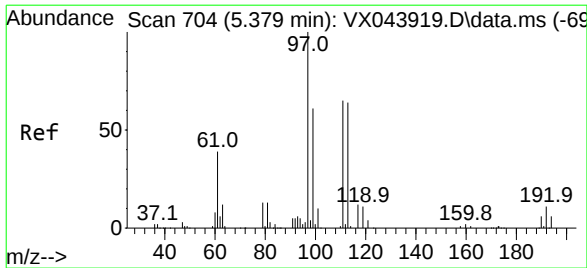
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Tgt Ion:114 Resp: 247844
Ion Ratio Lower Upper
114 100
63 22.2 0.0 39.0
88 16.9 0.0 30.2





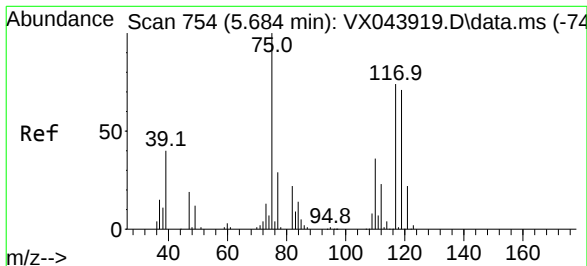
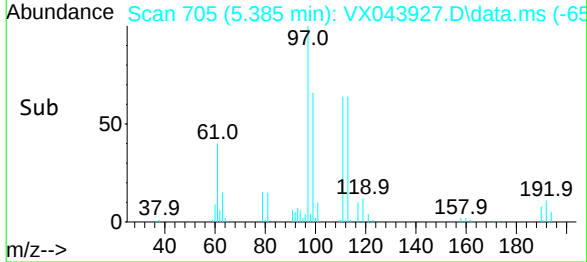
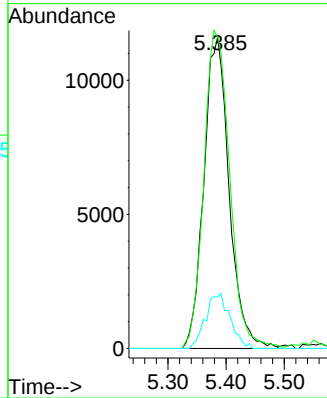
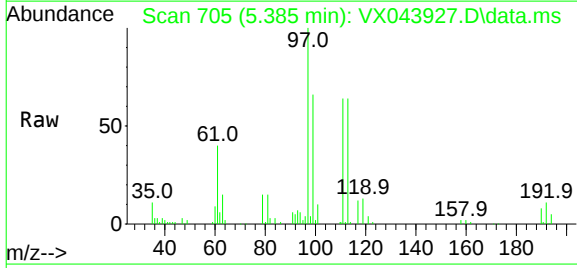
#35
Dibromofluoromethane
Concen: 21.040 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.0	81.0	121.6
192	17.1	14.2	21.2

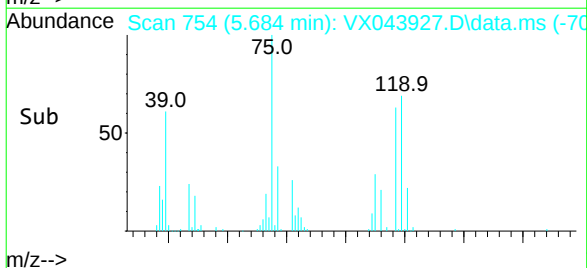
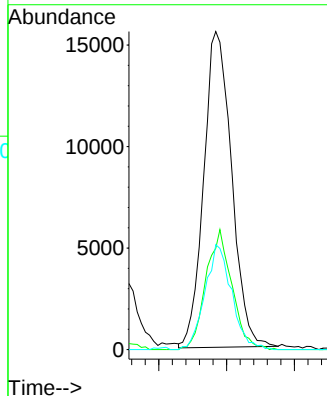
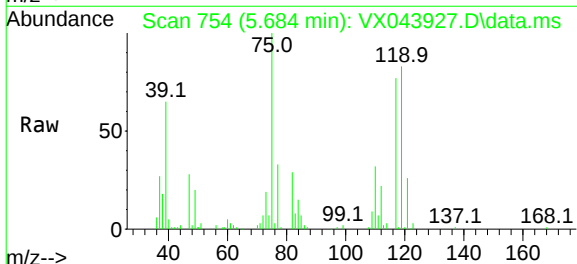
Manual Integrations
APPROVED

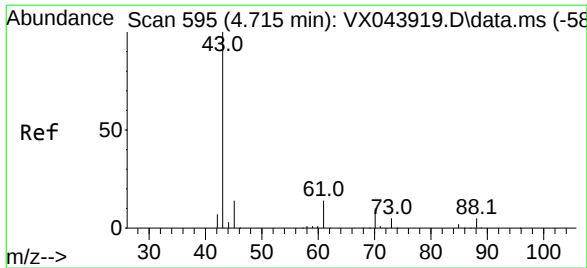
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#36
1,1-Dichloropropene
Concen: 21.438 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.4	17.5	52.5
77	31.8	24.9	37.3





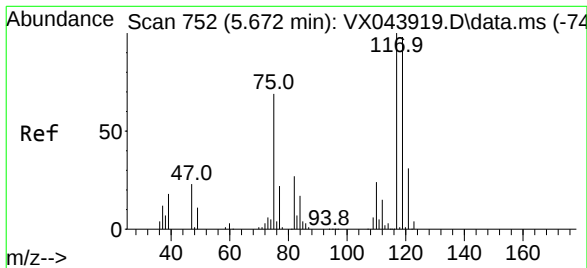
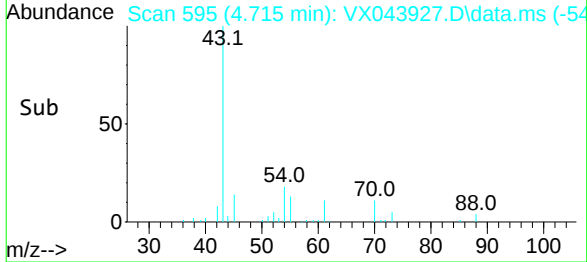
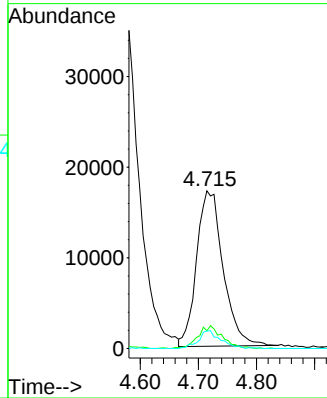
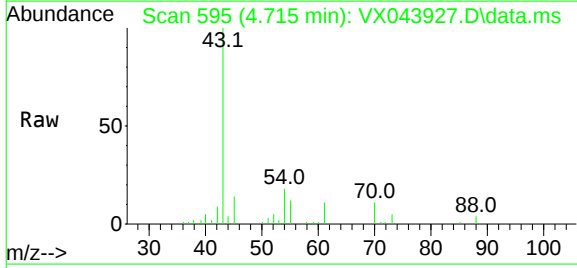
#37
Ethyl Acetate
Concen: 23.316 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:	43	Resp:	54426
Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.5	17.3
70	9.5	8.7	13.1

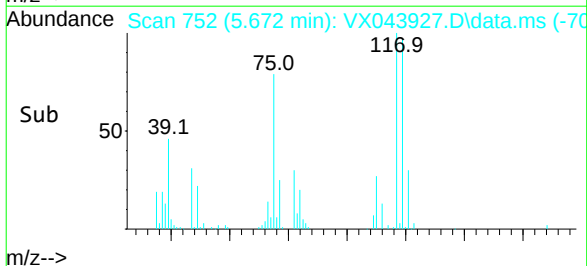
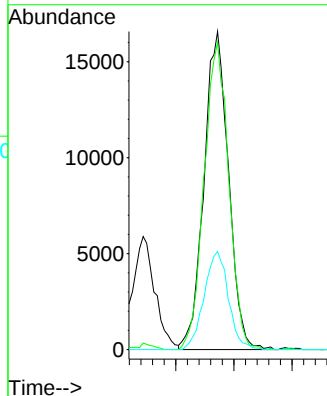
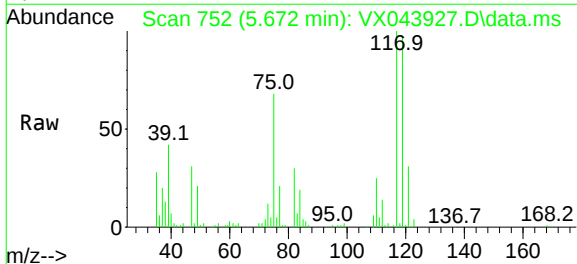
Manual Integrations
APPROVED

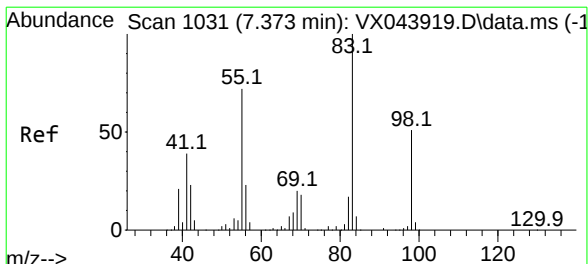
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#38
Carbon Tetrachloride
Concen: 22.179 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Tgt Ion:	117	Resp:	48701
Ion	Ratio	Lower	Upper
117	100		
119	96.6	78.3	117.5
121	30.8	25.1	37.7



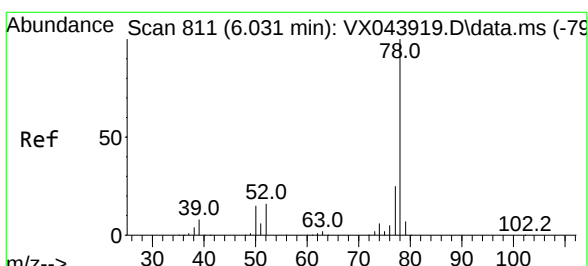
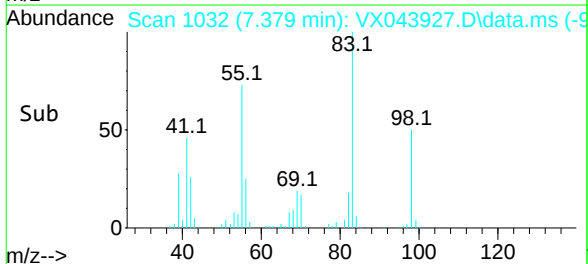
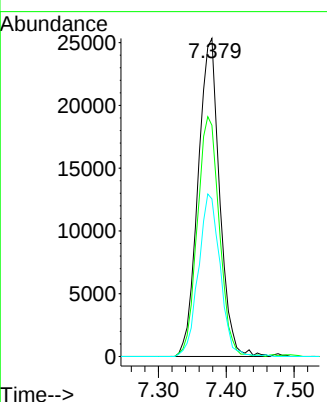
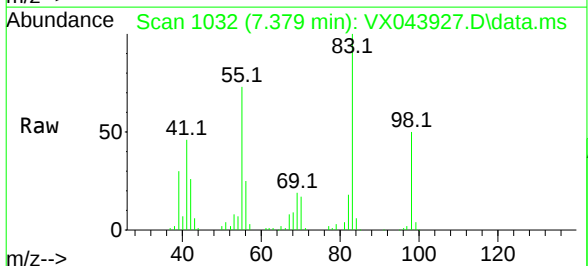


#39
Methylcyclohexane
Concen: 21.551 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Instrument : MSVOA_X
ClientSampleId : VSTDICC020

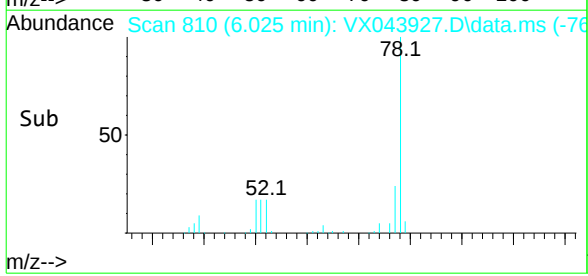
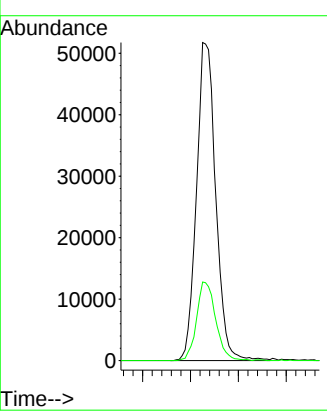
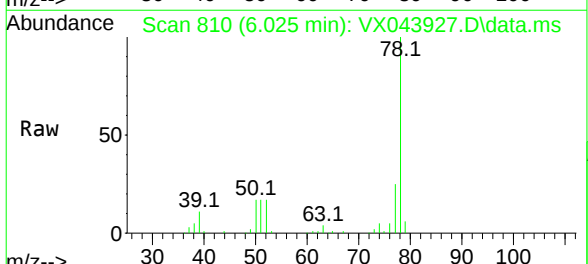
Tgt Ion:	83	Resp:	55958
Ion	Ratio	Lower	Upper
83	100		
55	72.7	57.9	86.9
98	49.5	40.5	60.7

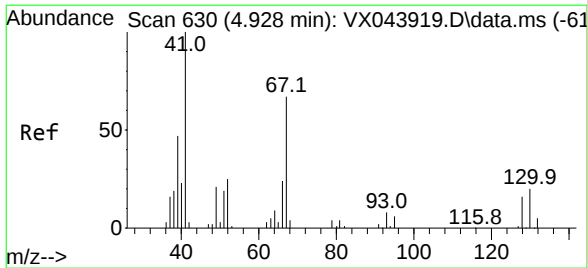
Manual Integrations
APPROVED
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#40
Benzene
Concen: 22.144 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Tgt Ion:	78	Resp:	144401
Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.8	29.8





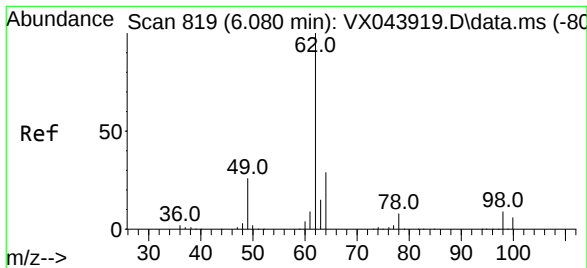
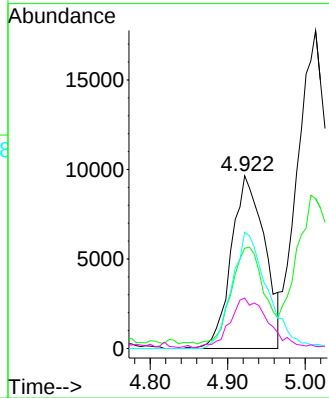
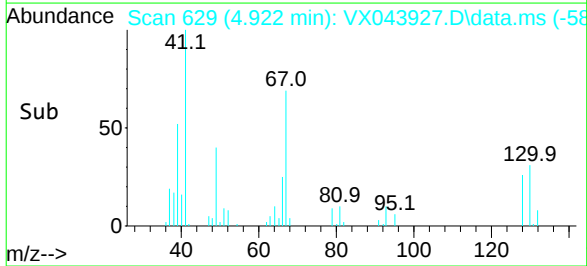
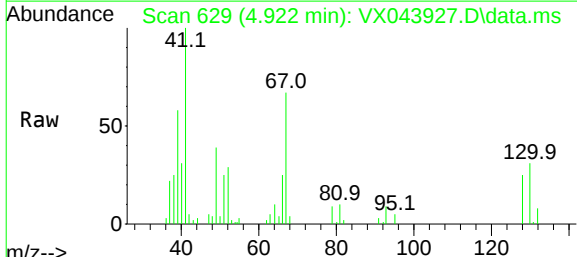
#41
Methacrylonitrile
Concen: 23.789 ug/l
RT: 4.922 min Scan# 62
Delta R.T. -0.006 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:	41	Resp:	28938
Ion	Ratio	Lower	Upper
41	100		
39	55.1	41.2	61.8
67	72.7	60.3	90.5
52	34.7	24.3	36.5

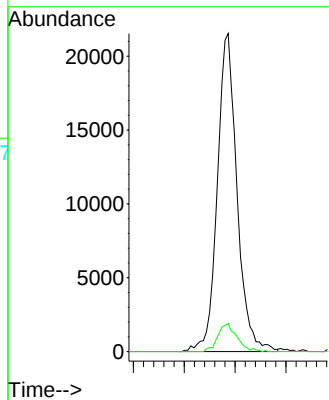
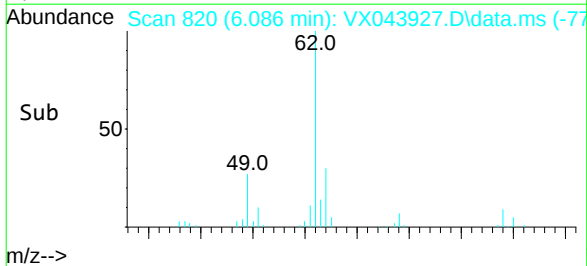
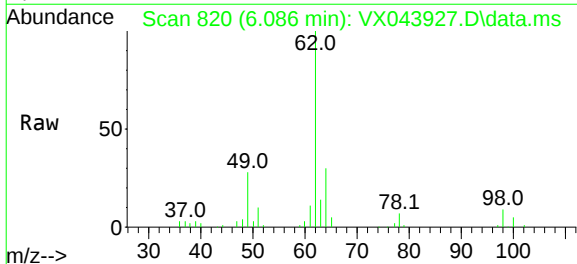
Manual Integrations
APPROVED

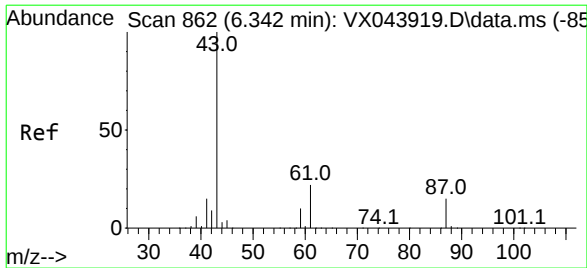
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#42
1,2-Dichloroethane
Concen: 24.487 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Tgt Ion:	62	Resp:	57981
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	18.6





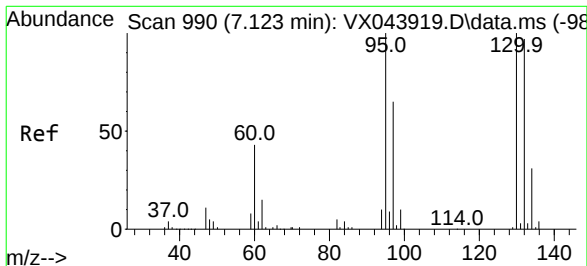
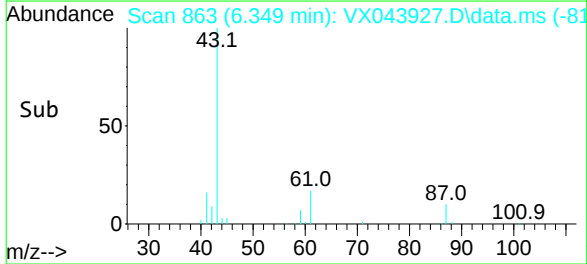
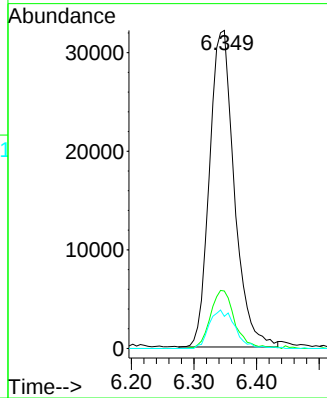
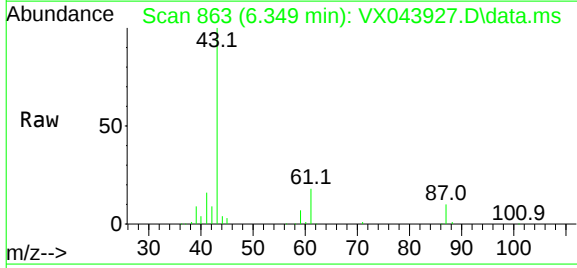
#43
Isopropyl Acetate
Concen: 24.054 ug/l
RT: 6.349 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:	43	Resp:	88577
Ion	Ratio	Lower	Upper
43	100		
61	17.9	16.9	25.3
87	12.6	11.9	17.9

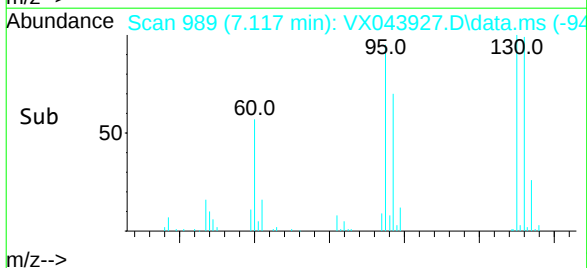
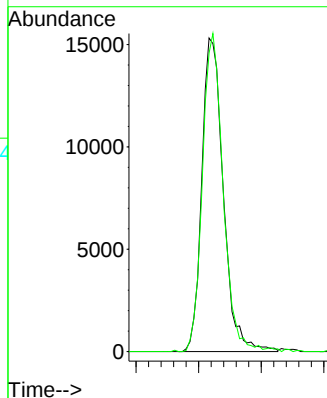
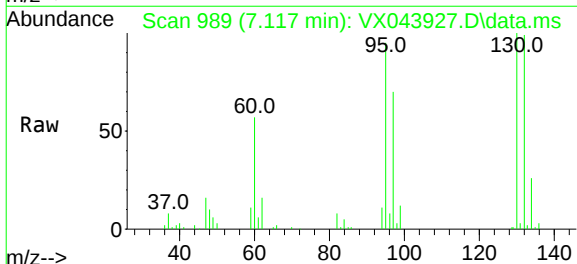
Manual Integrations
APPROVED

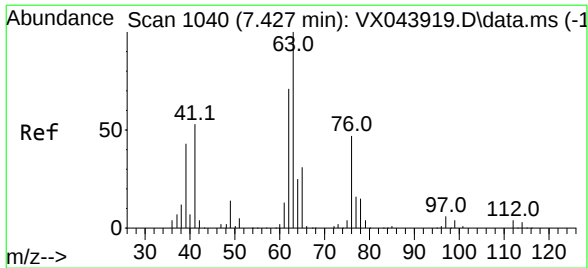
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#44
Trichloroethene
Concen: 20.270 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Tgt Ion:	130	Resp:	36440
Ion	Ratio	Lower	Upper
130	100		
95	95.2	0.0	200.8





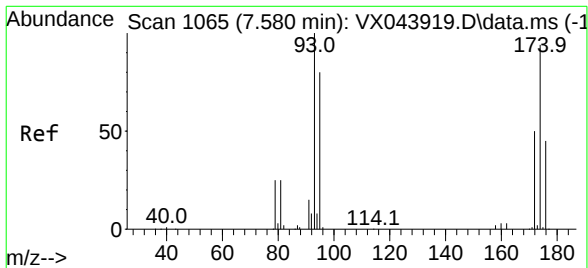
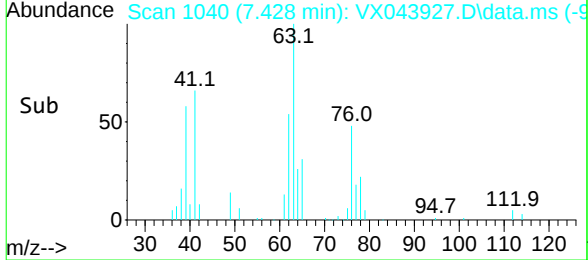
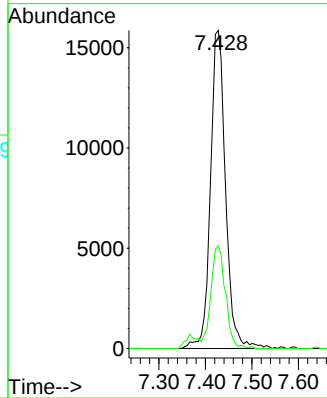
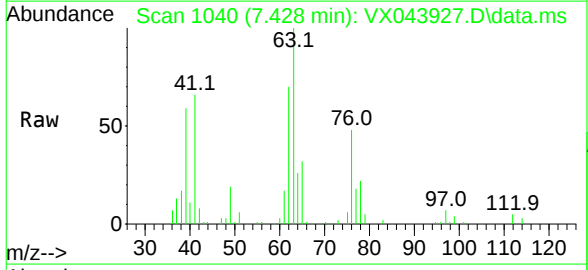
#45
1,2-Dichloropropane
Concen: 22.394 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 63 Resp: 35791
Ion Ratio Lower Upper
63 100
65 32.2 24.5 36.7

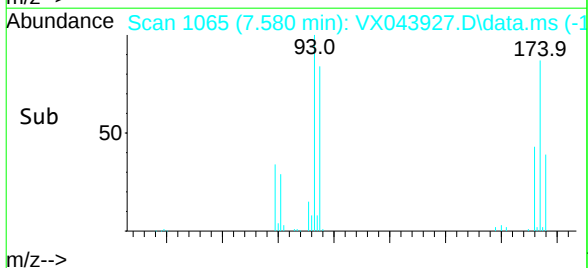
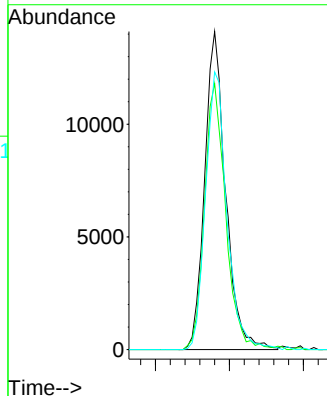
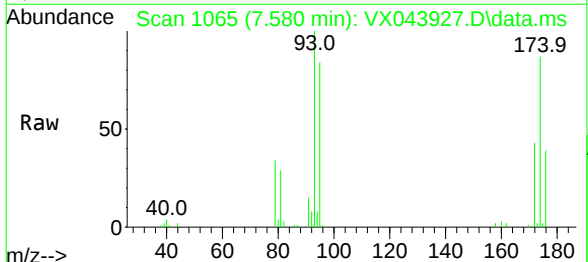
Manual Integrations
APPROVED

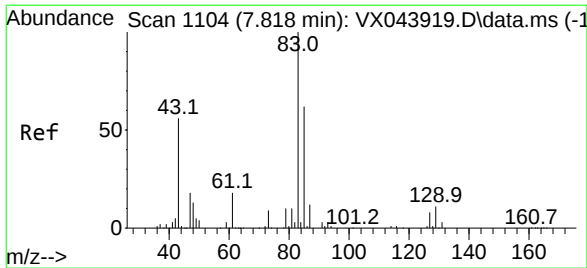
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#46
Dibromomethane
Concen: 23.082 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Tgt Ion: 93 Resp: 27799
Ion Ratio Lower Upper
93 100
95 84.4 66.1 99.1
174 89.0 75.2 112.8





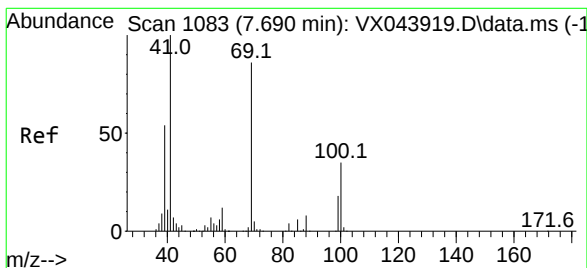
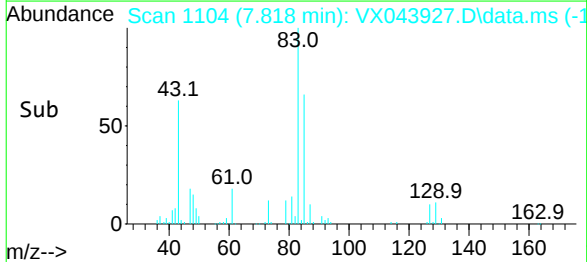
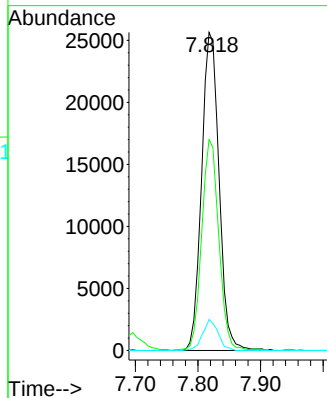
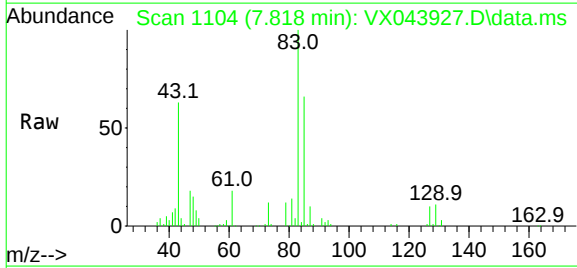
#47
Bromodichloromethane
Concen: 23.471 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 49665
Ion Ratio Lower Upper
83 100
85 66.3 49.4 74.0
127 9.7 6.2 9.4#

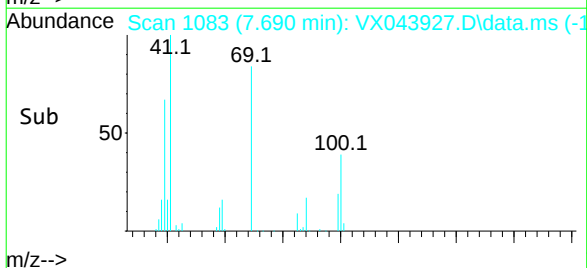
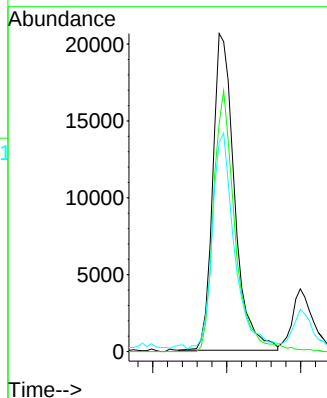
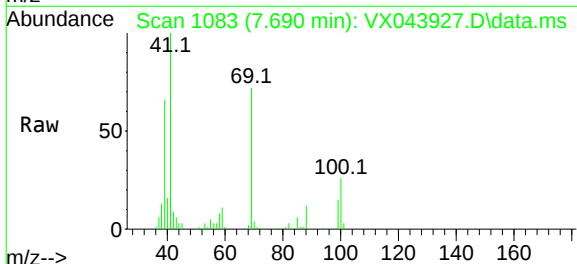
Manual Integrations
APPROVED

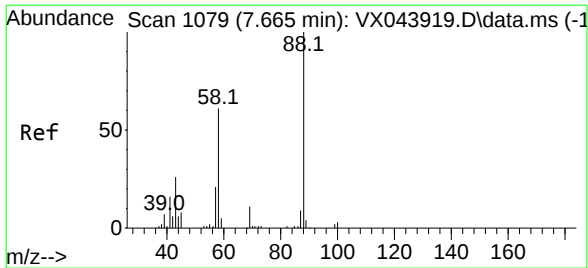
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#48
Methyl methacrylate
Concen: 22.991 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Tgt Ion: 41 Resp: 41962
Ion Ratio Lower Upper
41 100
69 81.5 72.1 108.1
39 69.6 43.8 65.8#





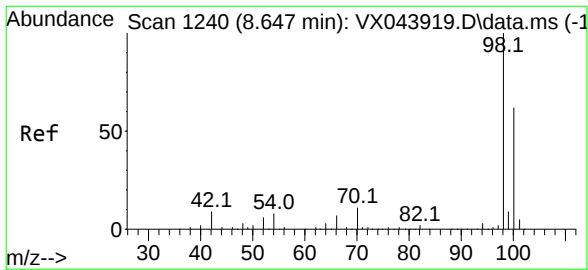
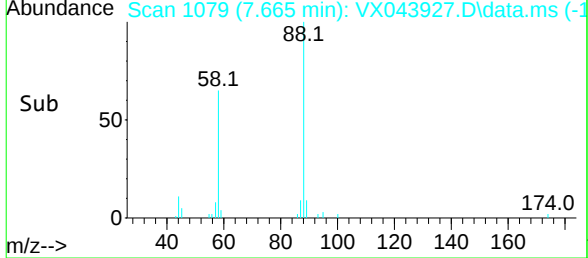
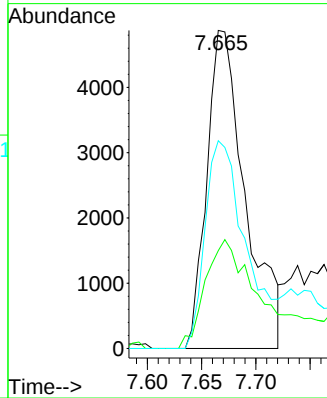
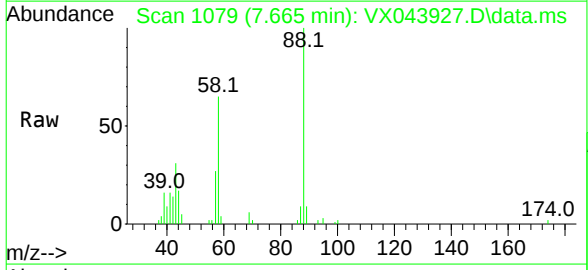
#49
1,4-Dioxane
Concen: 310.503 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:	88	Resp:	12071
Ion	Ratio	Lower	Upper
88	100		
43	52.5	17.4	26.0
58	69.7	41.0	61.6

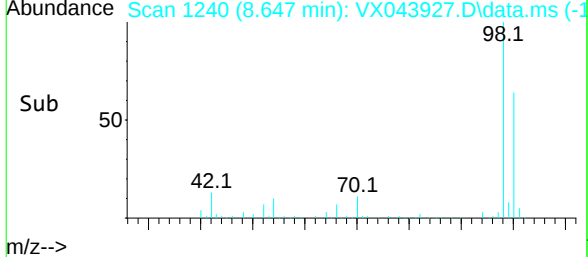
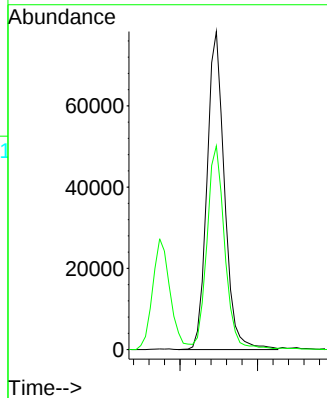
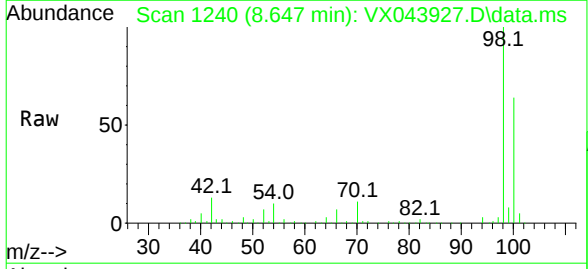
Manual Integrations
APPROVED

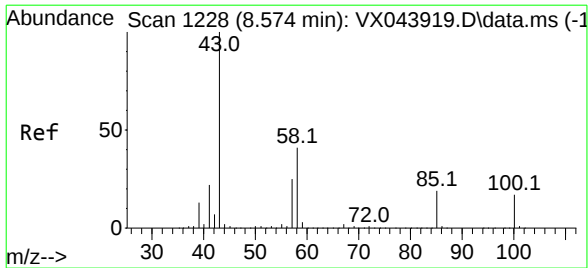
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#50
Toluene-d8
Concen: 22.060 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Tgt Ion:	98	Resp:	122646
Ion	Ratio	Lower	Upper
98	100		
100	63.8	53.0	79.6





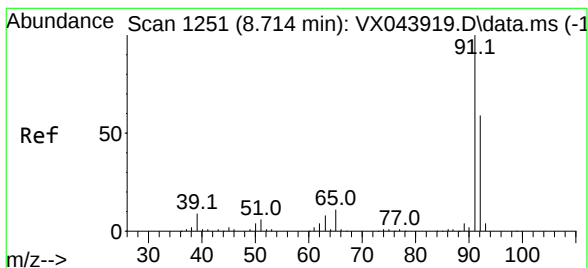
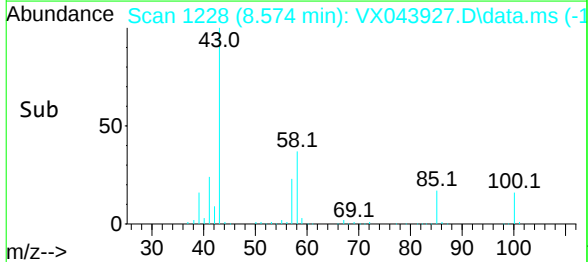
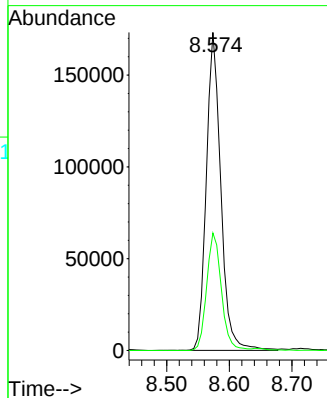
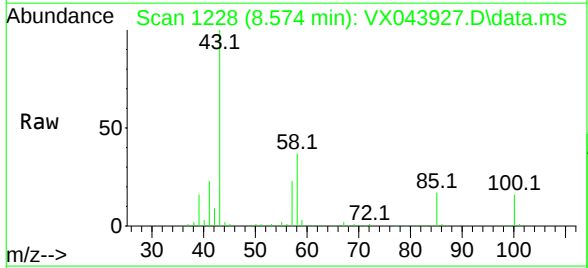
#51
4-Methyl-2-Pentanone
Concen: 121.285 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 278479
Ion Ratio Lower Upper
43 100
58 37.6 32.4 48.6

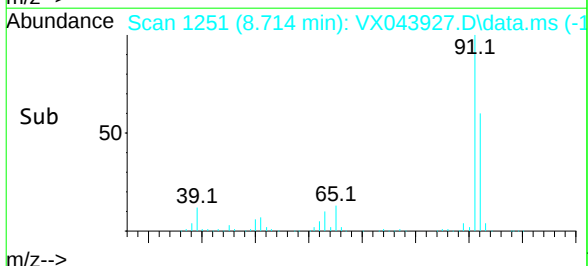
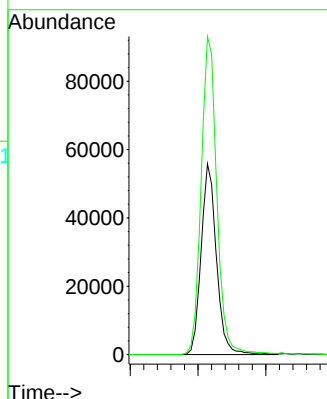
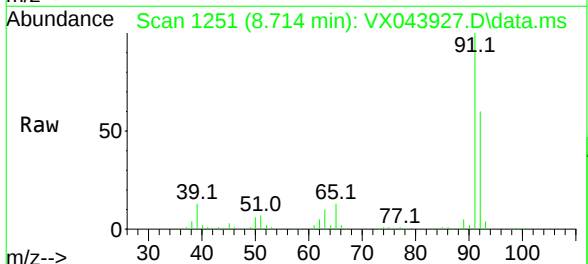
Manual Integrations
APPROVED

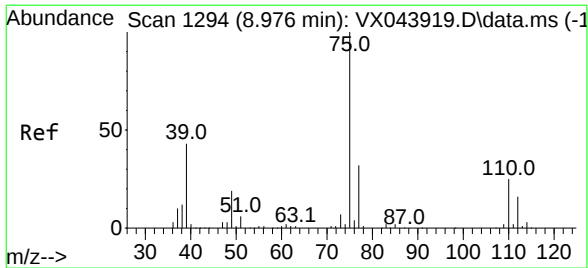
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#52
Toluene
Concen: 23.277 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

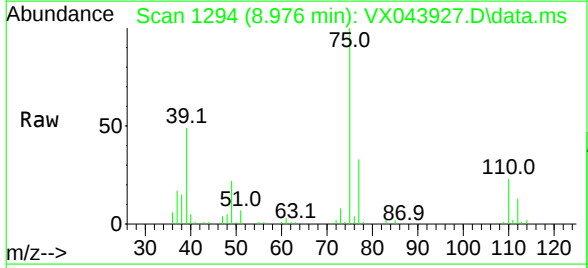
Tgt Ion: 92 Resp: 87569
Ion Ratio Lower Upper
92 100
91 171.0 136.2 204.4





#53
 t-1,3-Dichloropropene
 Concen: 23.425 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. 0.000 min
 Lab File: VX043927.D
 Acq: 21 Nov 2024 10:37

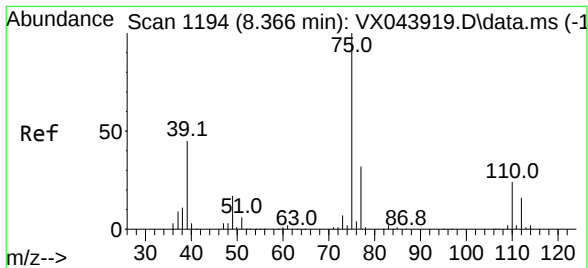
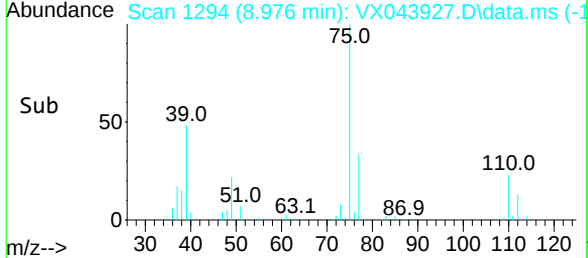
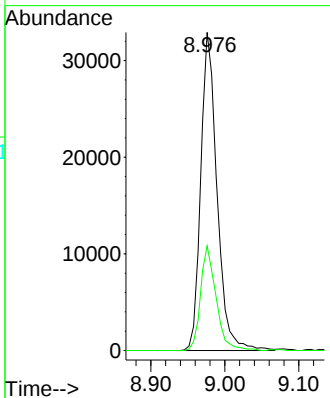
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



Tgt Ion: 75 Resp: 50294
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.9 38.9

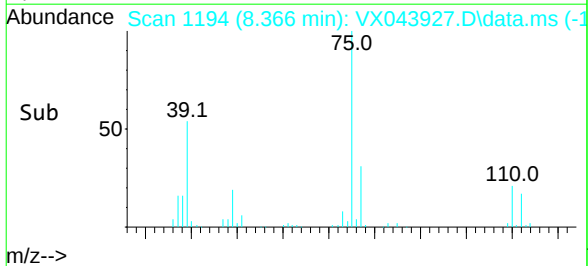
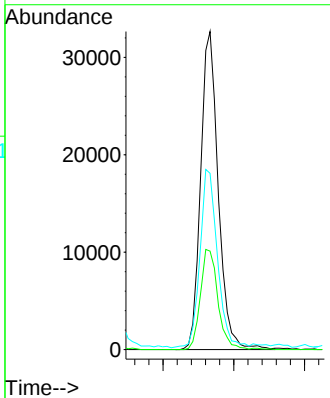
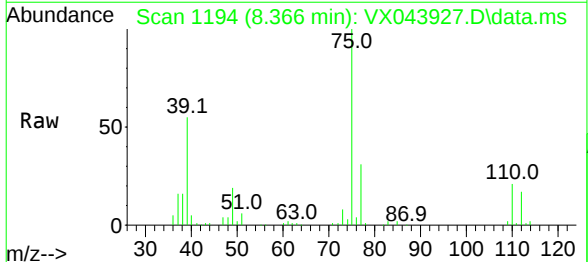
Manual Integrations
 APPROVED

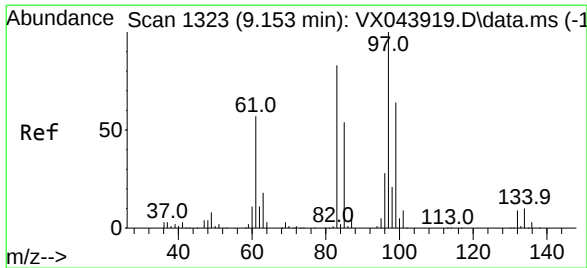
Reviewed By :John Carlone 11/22/2024
 Supervised By :Mahesh Dadoda 11/22/2024



#54
 cis-1,3-Dichloropropene
 Concen: 23.184 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX043927.D
 Acq: 21 Nov 2024 10:37

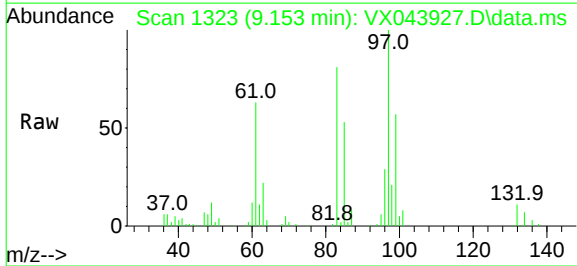
Tgt Ion: 75 Resp: 56407
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.4 38.2
 39 54.6 36.1 54.1#





#55
1,1,2-Trichloroethane
Concen: 25.308 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

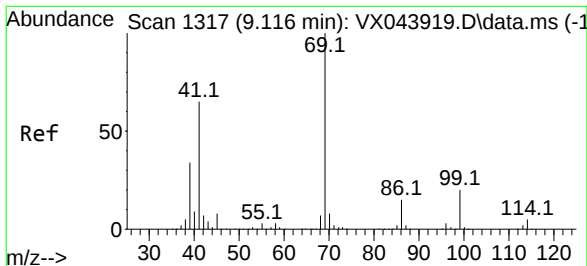
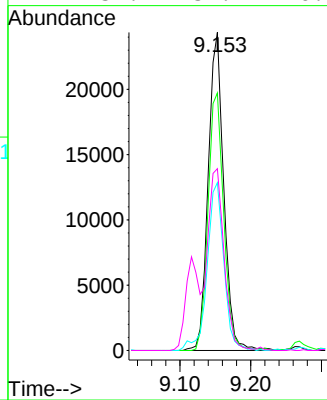
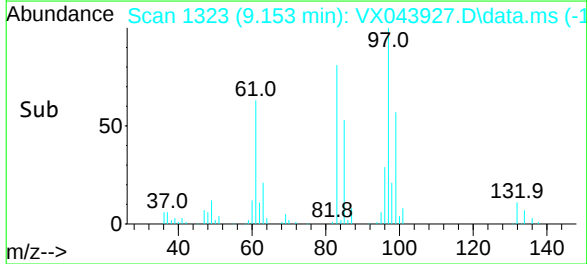
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



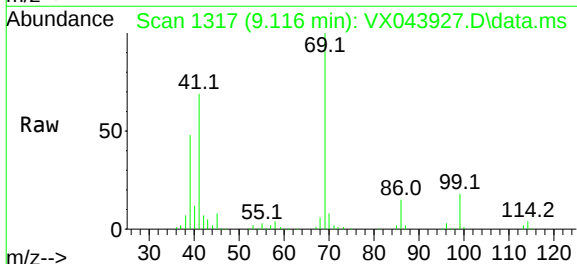
Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.0	66.5	99.7
85	52.7	43.4	65.2
99	57.2	51.2	76.8

Manual Integrations
APPROVED

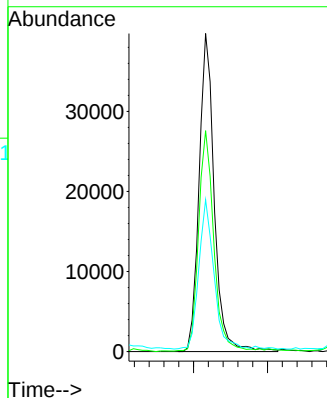
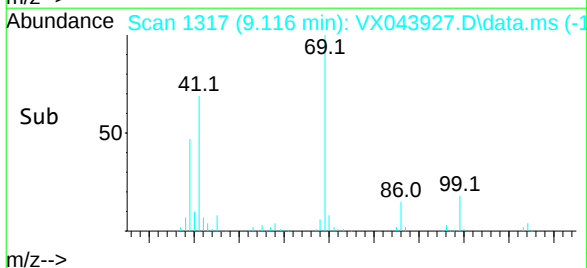
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

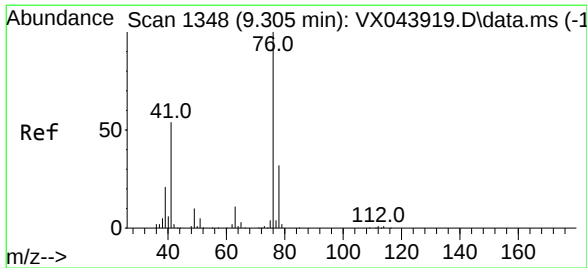


#56
Ethyl methacrylate
Concen: 24.347 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37



Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.0	51.7	77.5
39	46.7	26.8	40.2





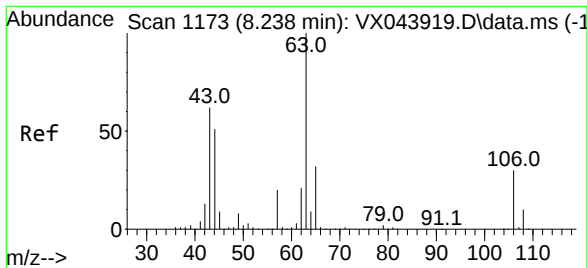
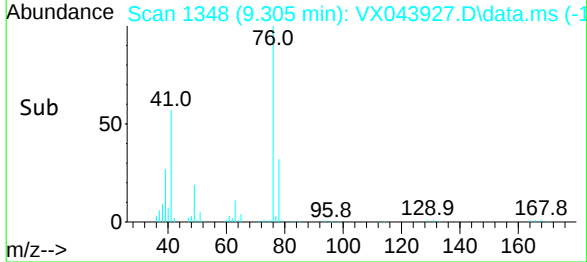
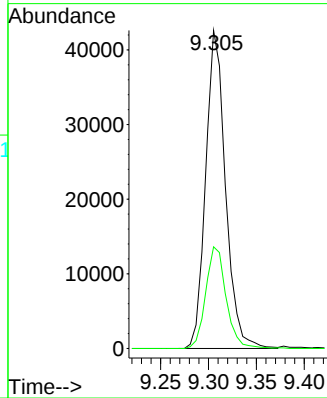
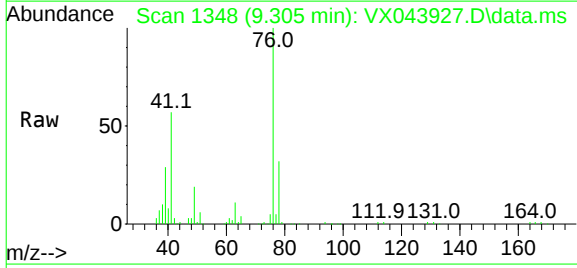
#57
1,3-Dichloropropane
Concen: 24.976 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 61420
Ion Ratio Lower Upper
76 100
78 33.0 25.9 38.9

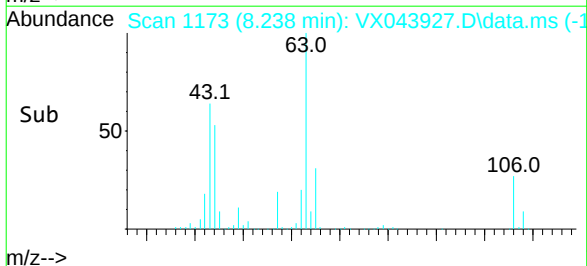
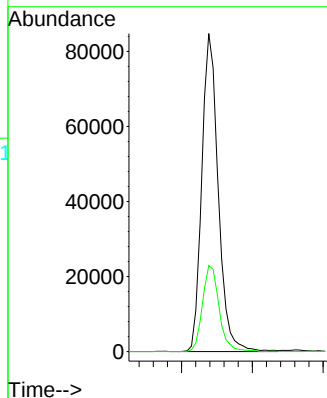
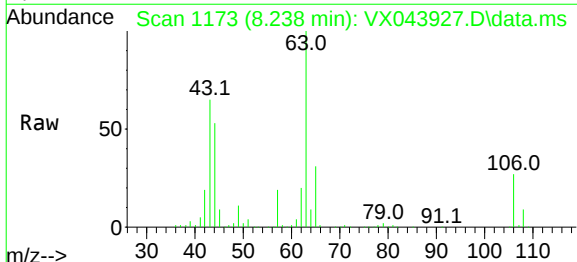
Manual Integrations
APPROVED

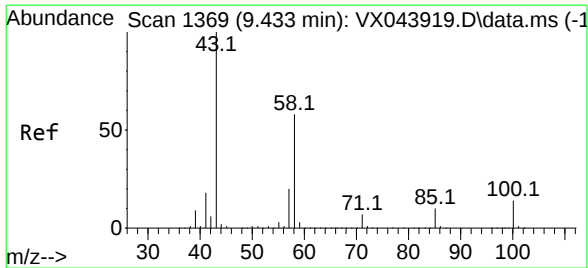
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#58
2-Chloroethyl Vinyl ether
Concen: 112.277 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Tgt Ion: 63 Resp: 136842
Ion Ratio Lower Upper
63 100
106 27.4 23.8 35.6





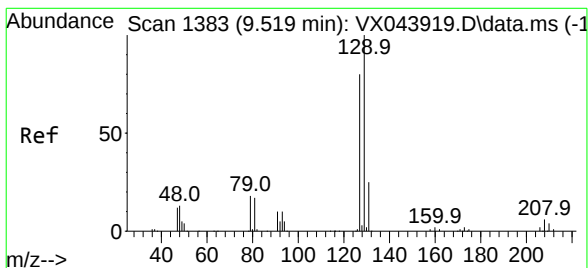
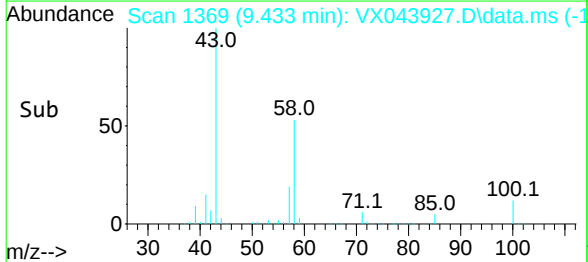
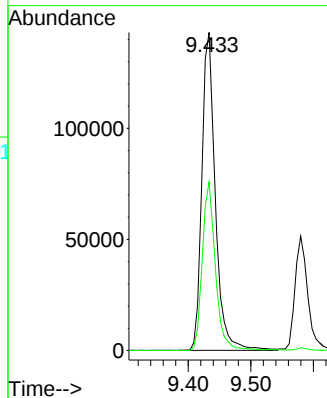
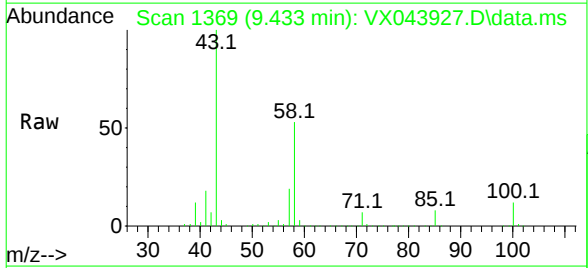
#59
2-Hexanone
Concen: 131.869 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 213629
Ion Ratio Lower Upper
43 100
58 51.6 28.3 84.9

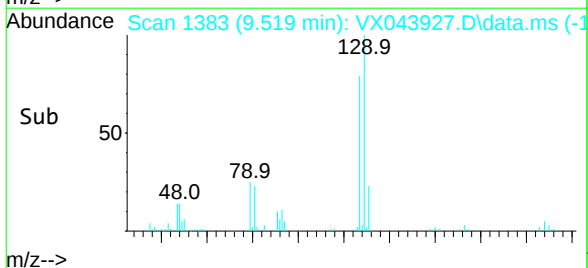
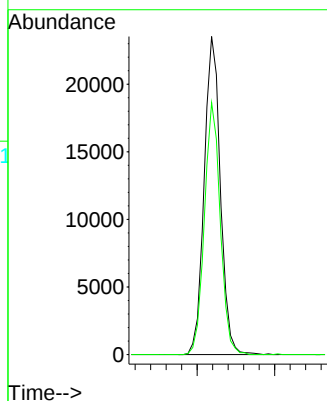
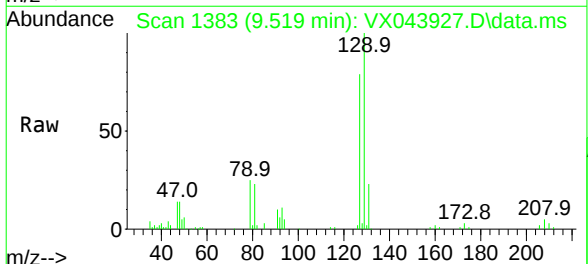
Manual Integrations
APPROVED

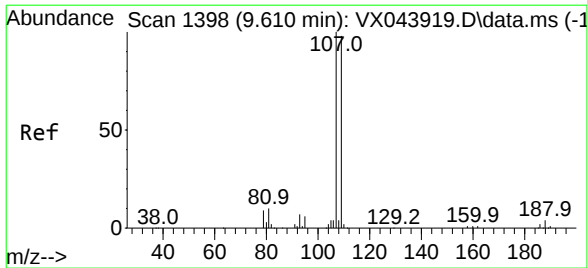
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#60
Dibromochloromethane
Concen: 23.864 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Tgt Ion:129 Resp: 34133
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.8





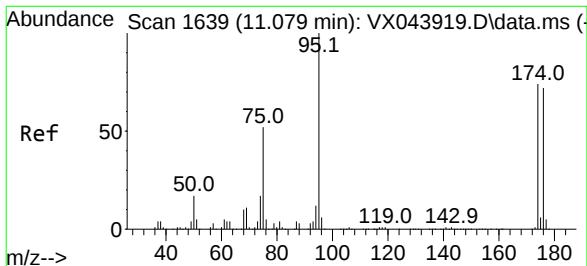
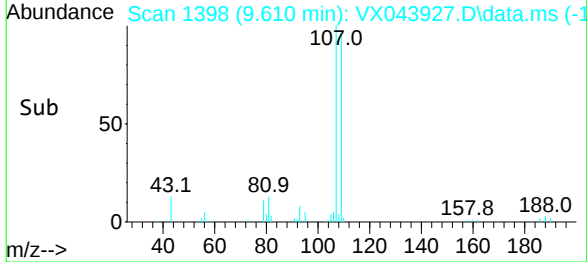
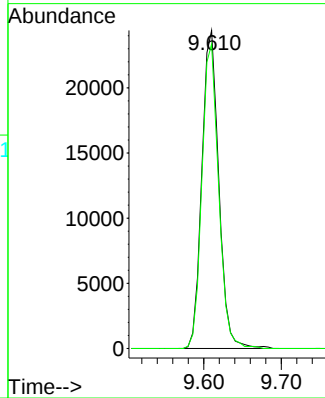
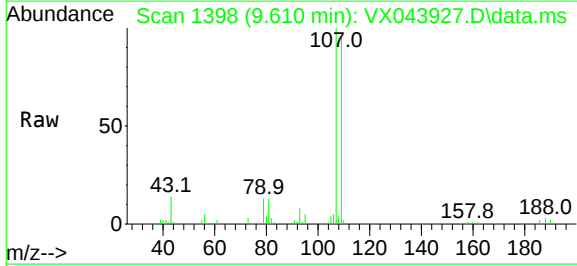
#61
1,2-Dibromoethane
Concen: 24.156 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 107 Resp: 36985
Ion Ratio Lower Upper
107 100
109 94.7 76.2 114.2

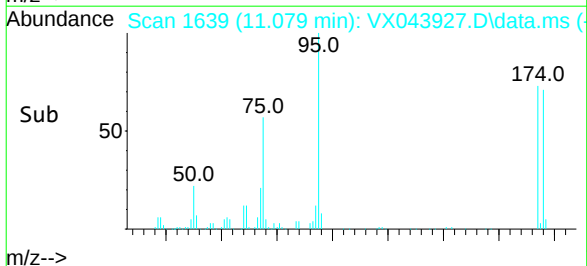
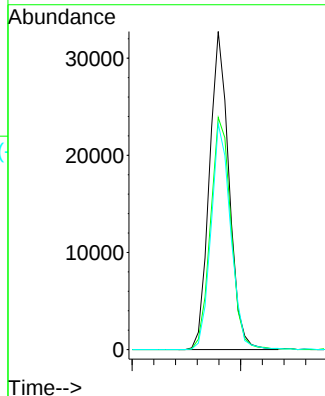
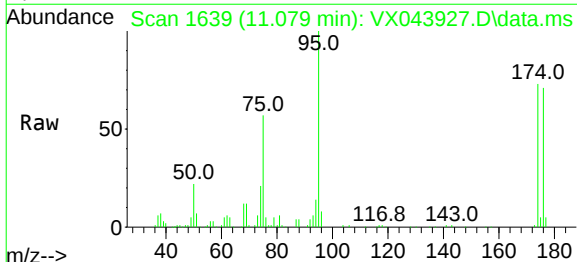
Manual Integrations
APPROVED

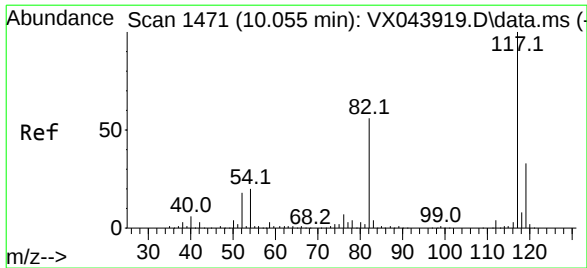
Reviewed By : John Carlone 11/22/2024
Supervised By : Mahesh Dadoda 11/22/2024



#62
4-Bromofluorobenzene
Concen: 22.365 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Tgt Ion: 95 Resp: 41087
Ion Ratio Lower Upper
95 100
174 76.2 0.0 152.2
176 71.1 0.0 145.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

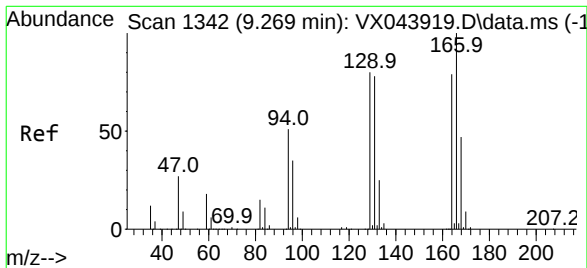
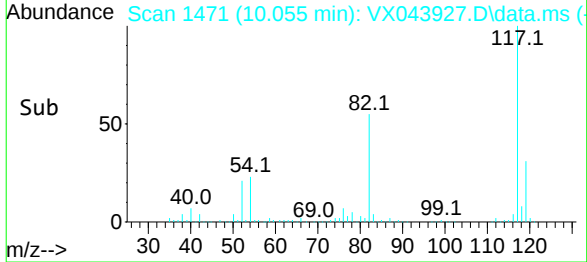
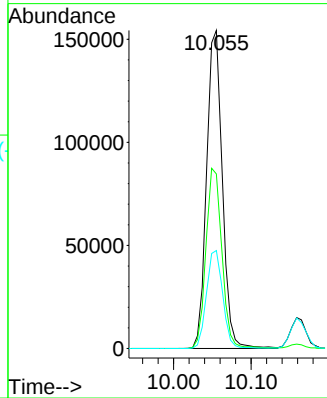
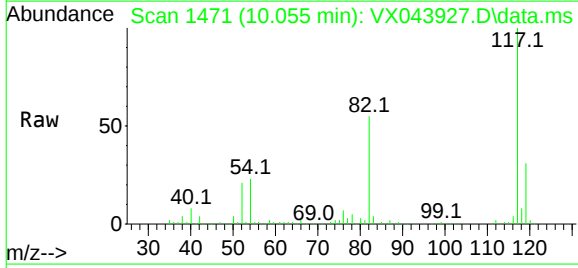
Tgt Ion:	117	Resp:	217871
Ion	Ratio	Lower	Upper
117	100		
82	54.9	44.6	67.0
119	30.8	26.5	39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#64

Tetrachloroethene

Concen: 20.948 ug/l

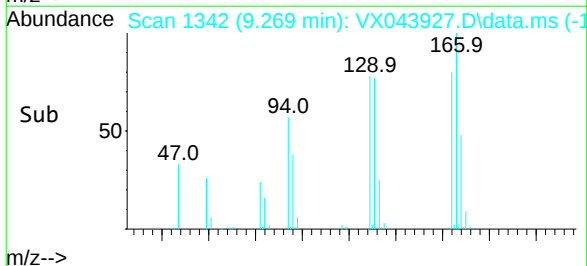
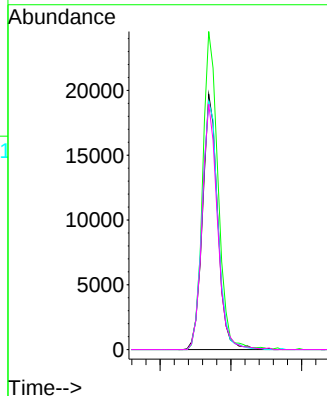
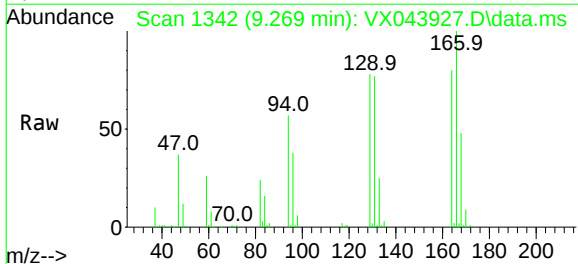
RT: 9.269 min Scan# 1342

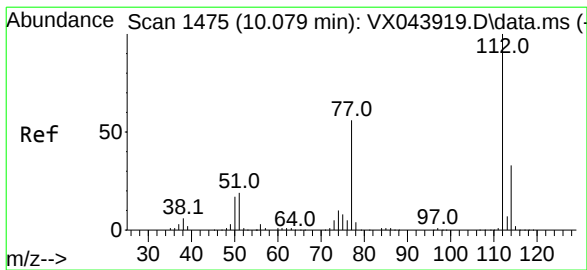
Delta R.T. 0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Tgt Ion:	164	Resp:	29274
Ion	Ratio	Lower	Upper
164	100		
166	124.6	100.9	151.3
129	97.2	80.3	120.5
131	96.1	78.3	117.5





#65

Chlorobenzene

Concen: 21.197 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:112 Resp: 96469

Ion Ratio Lower Upper

112 100

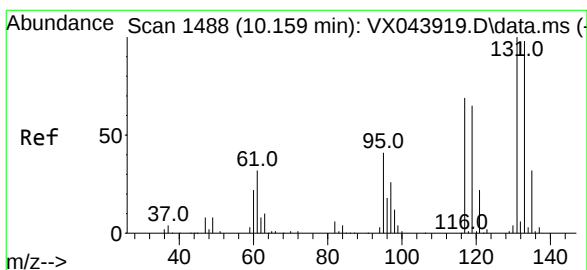
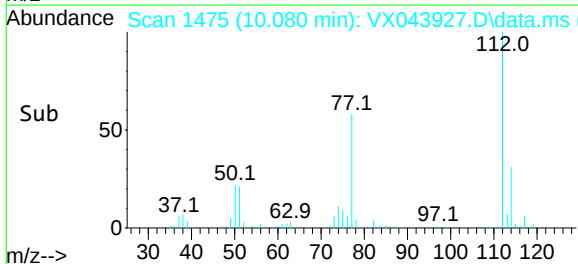
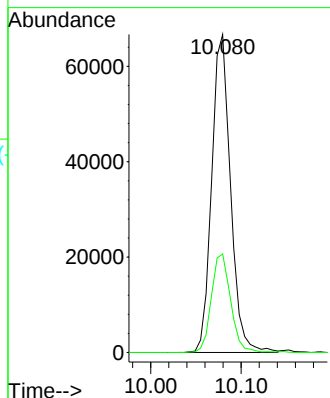
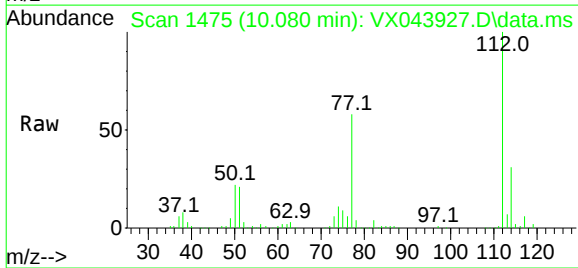
114 31.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 21.360 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

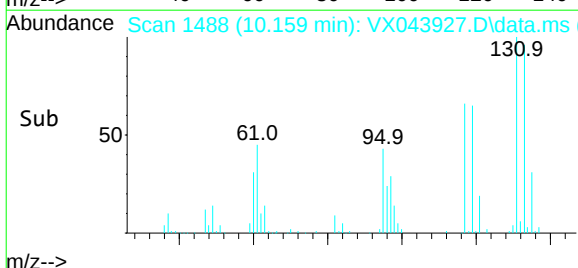
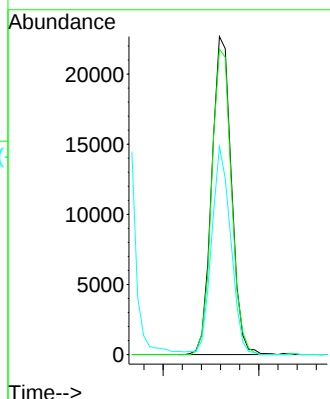
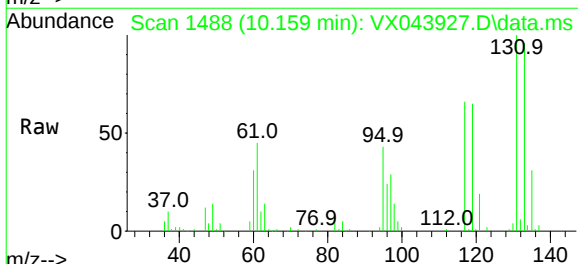
Tgt Ion:131 Resp: 32353

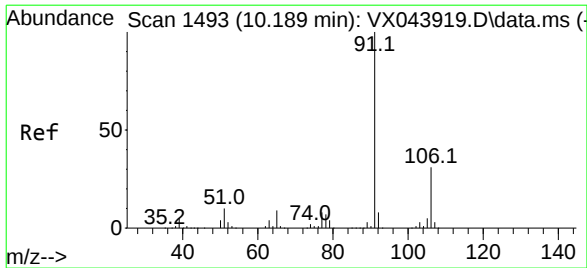
Ion Ratio Lower Upper

131 100

133 96.2 48.8 146.3

119 63.7 32.9 98.7





#67

Ethyl Benzene

Concen: 21.731 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 166435

Ion Ratio Lower Upper

91 100

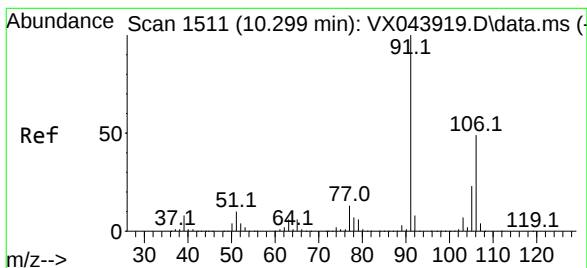
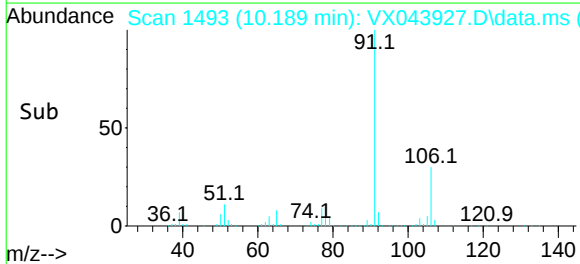
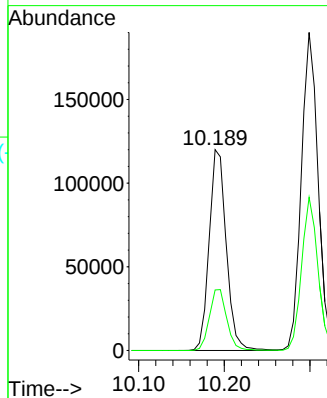
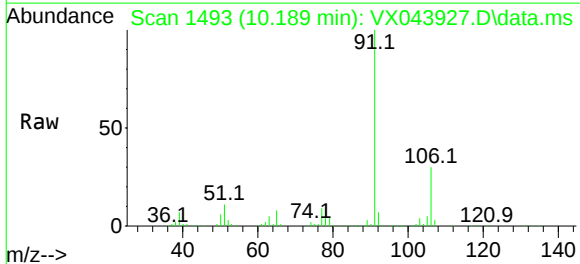
106 30.1 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#68

m/p-Xylenes

Concen: 42.997 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX043927.D

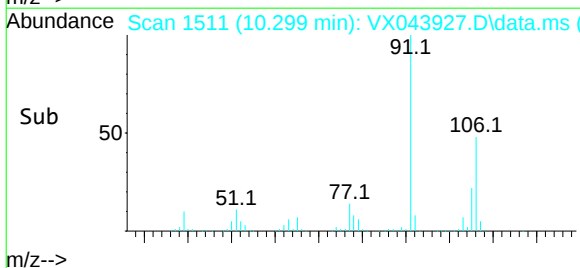
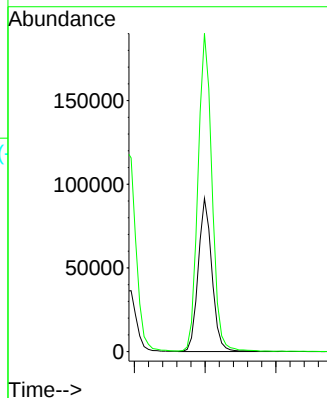
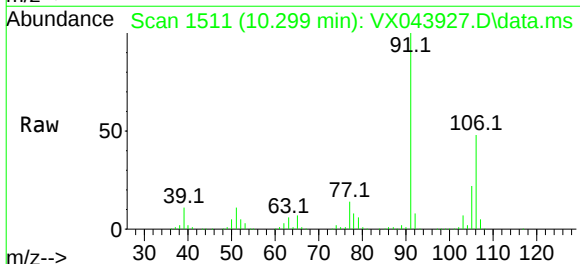
Acq: 21 Nov 2024 10:37

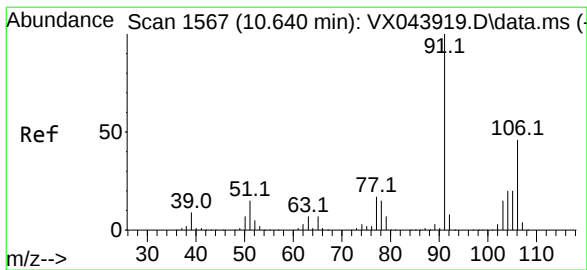
Tgt Ion:106 Resp: 122658

Ion Ratio Lower Upper

106 100

91 211.9 163.3 244.9





#69

o-Xylene

Concen: 21.648 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:106 Resp: 60254

Ion Ratio Lower Upper

106 100

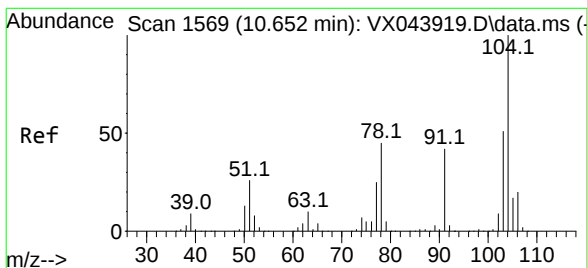
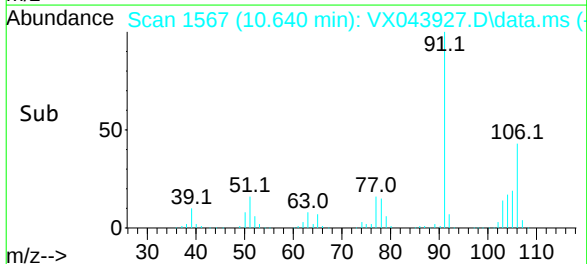
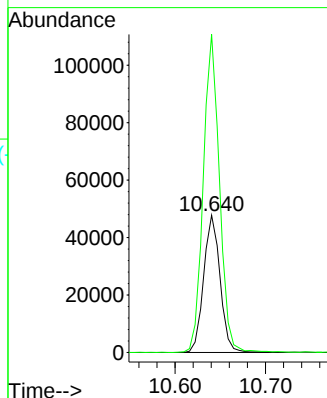
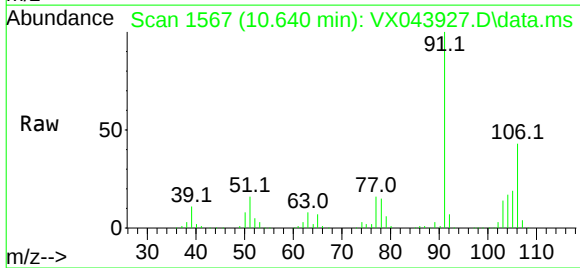
91 229.5 109.6 328.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#70

Styrene

Concen: 22.308 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

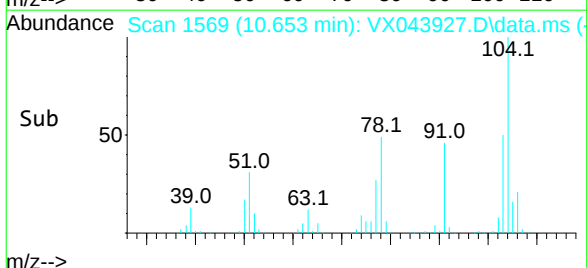
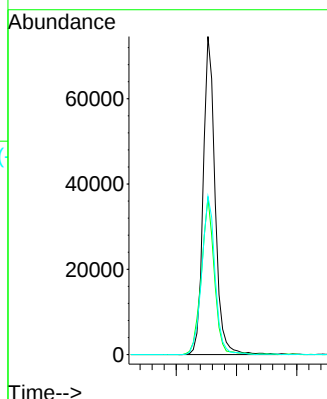
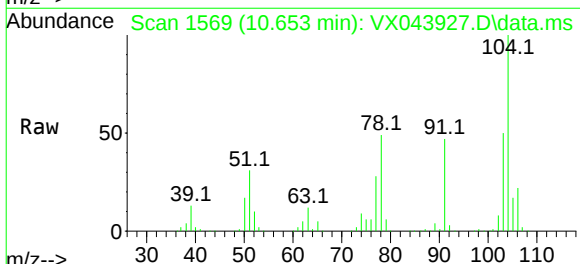
Tgt Ion:104 Resp: 102329

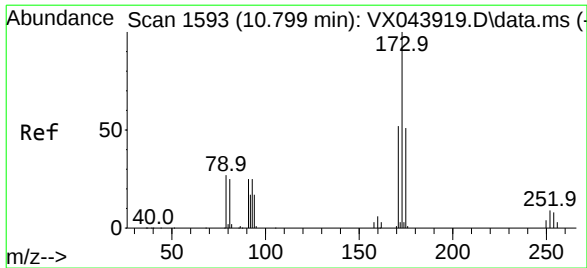
Ion Ratio Lower Upper

104 100

78 53.5 40.3 60.5

103 55.5 43.9 65.9





#71

Bromoform

Concen: 19.555 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

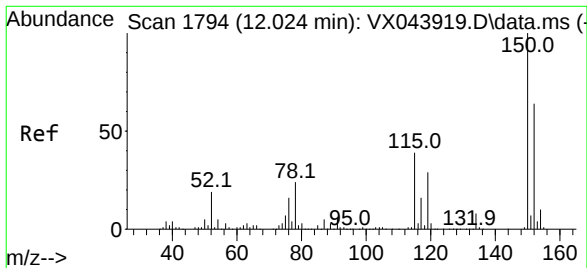
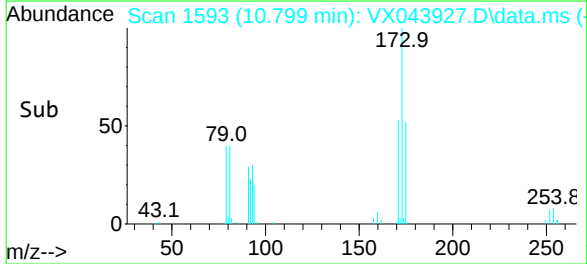
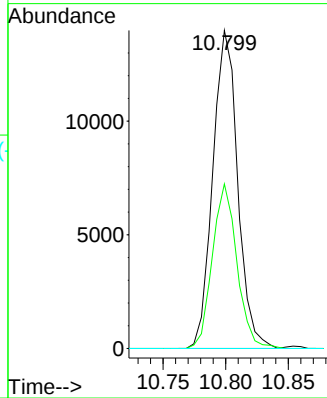
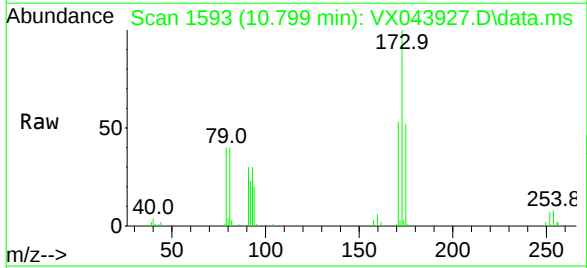
Tgt Ion:	173	Resp:	19329
Ion Ratio	Lower	Upper	
173	100		
175	51.0	24.6	73.8
254	0.0	0.1	0.1#

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

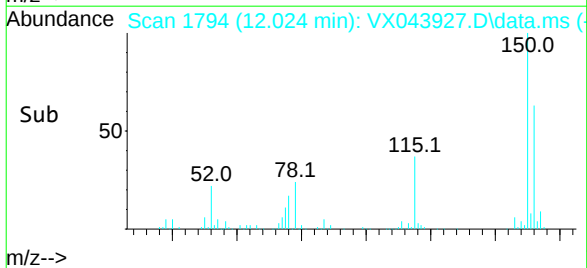
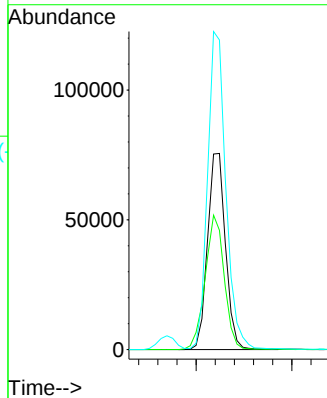
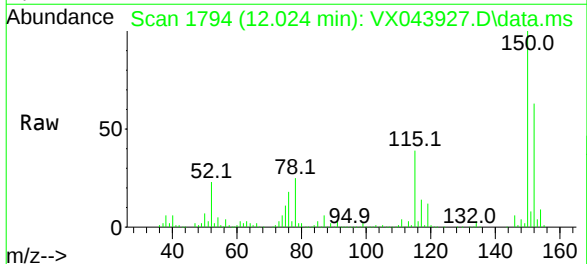
RT: 12.024 min Scan# 1794

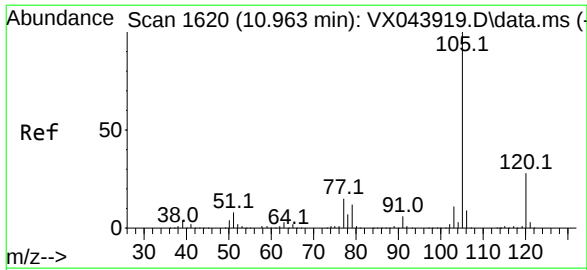
Delta R.T. 0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Tgt Ion:	152	Resp:	98477
Ion Ratio	Lower	Upper	
152	100		
115	73.0	42.1	126.3
150	165.0	0.0	348.2





#73

Isopropylbenzene

Concen: 22.393 ug/l

RT: 10.964 min Scan# 16

Delta R.T. 0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 157405

Ion Ratio Lower Upper

105 100

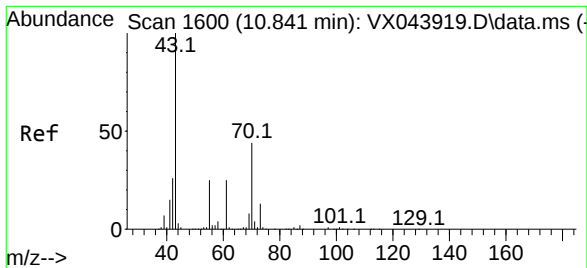
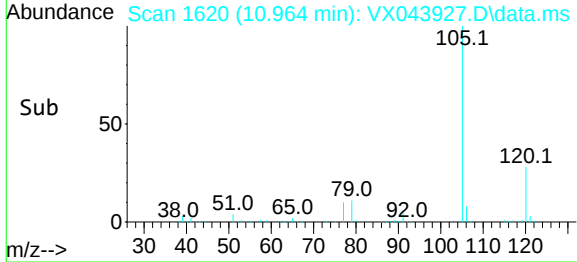
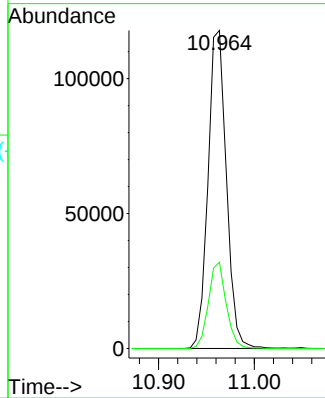
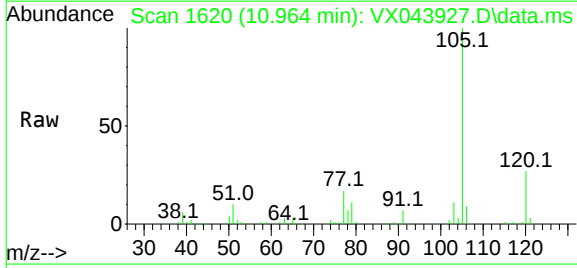
120 26.2 13.3 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#74

N-ethyl acetate

Concen: 23.459 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Tgt Ion: 43 Resp: 73525

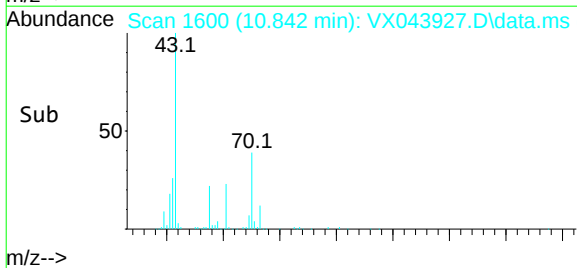
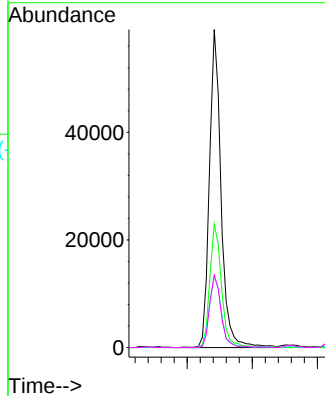
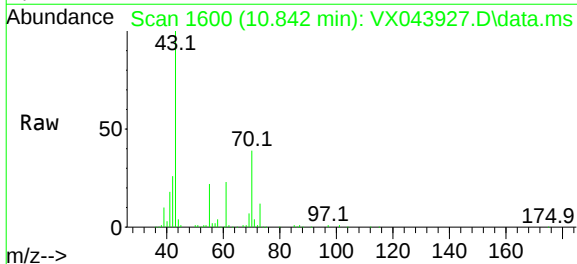
Ion Ratio Lower Upper

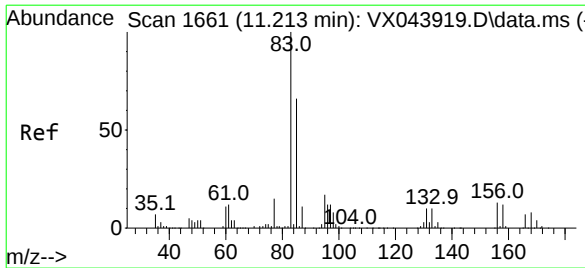
43 100

70 39.1 36.5 54.7

55 23.3 19.6 29.4

61 22.6 20.2 30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 22.787 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

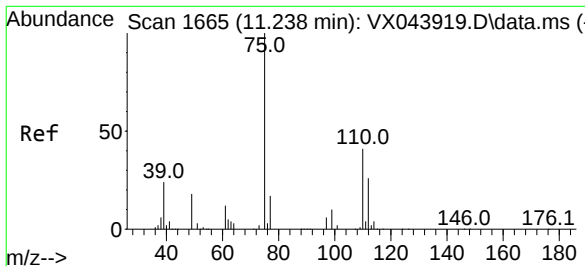
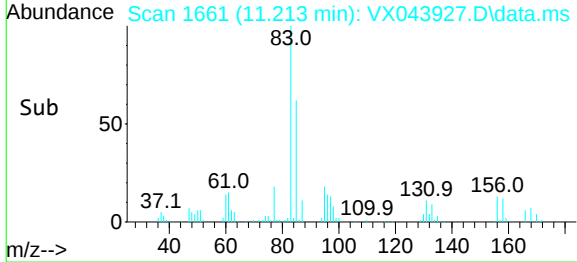
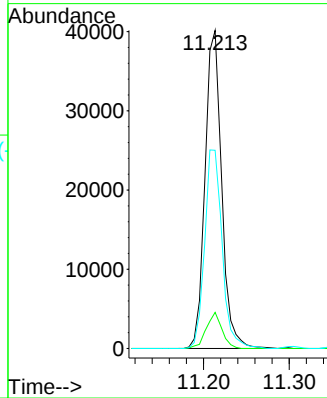
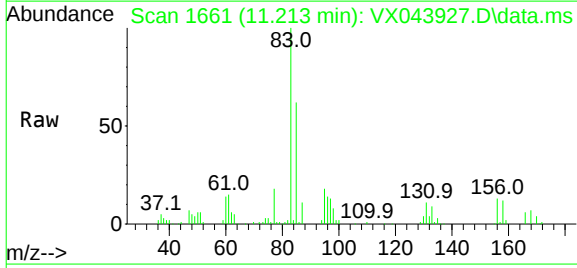
Tgt Ion:	83	Resp:	54158
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.1	15.3
85	65.7	32.3	96.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#76

1,2,3-Trichloropropane

Concen: 22.601 ug/l m

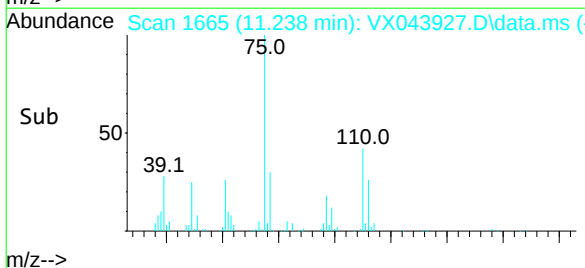
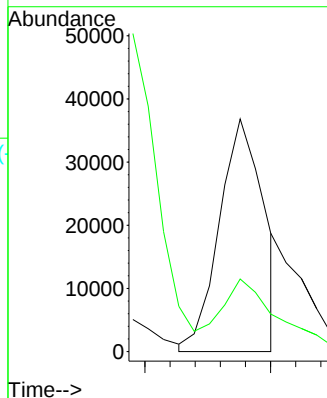
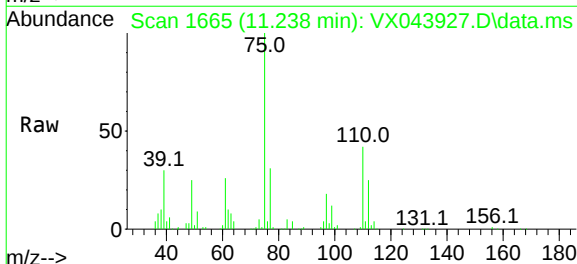
RT: 11.238 min Scan# 1665

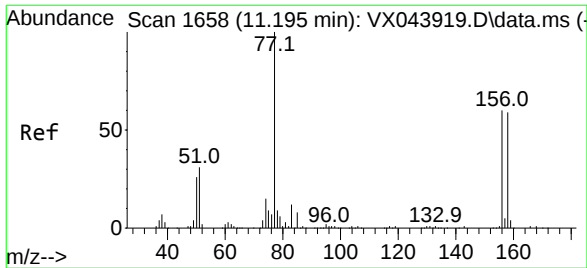
Delta R.T. 0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Tgt Ion:	75	Resp:	45423
Ion Ratio	Lower	Upper	
75	100		
77	40.9	22.4	67.0





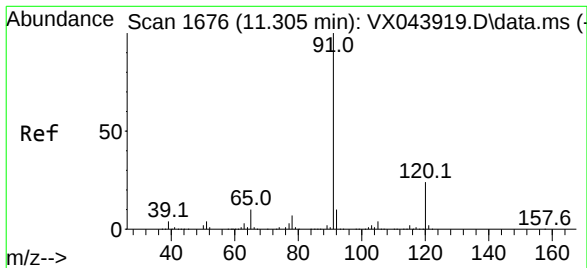
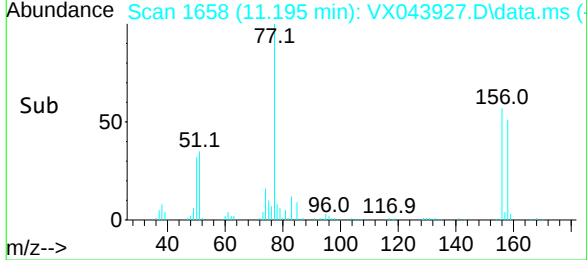
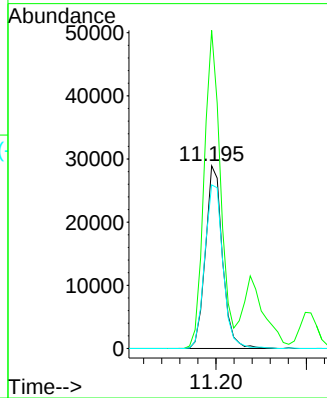
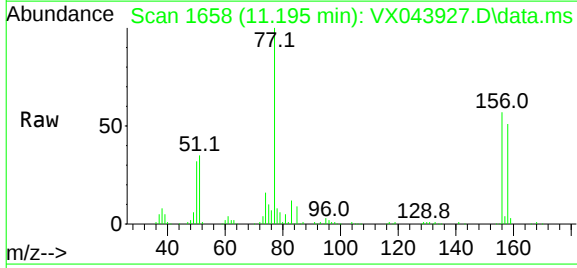
#77
Bromobenzene
Concen: 21.843 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:156 Resp: 37631
Ion Ratio Lower Upper
156 100
77 167.6 81.2 243.6
158 96.0 48.6 145.8

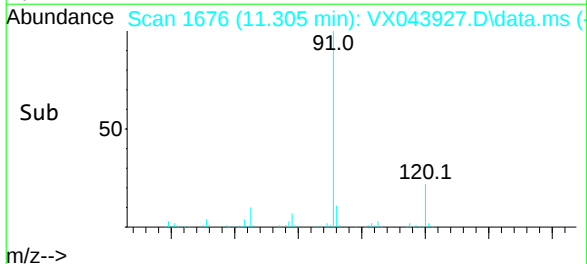
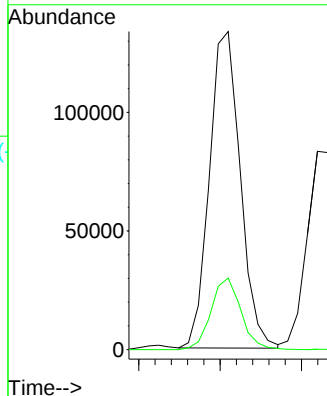
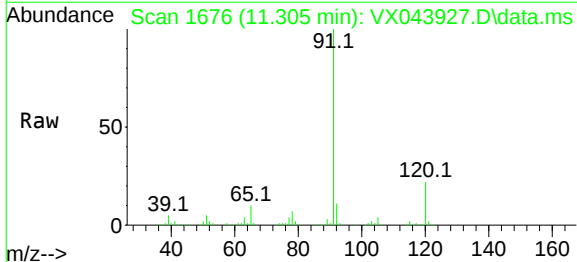
Manual Integrations
APPROVED

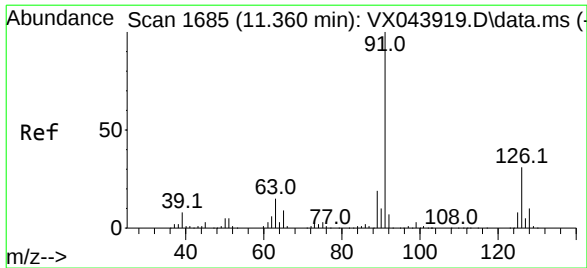
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#78
n-propylbenzene
Concen: 22.696 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

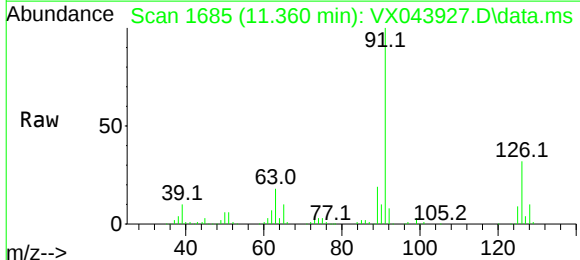
Tgt Ion: 91 Resp: 176034
Ion Ratio Lower Upper
91 100
120 21.8 11.5 34.5





#79
2-Chlorotoluene
Concen: 22.894 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

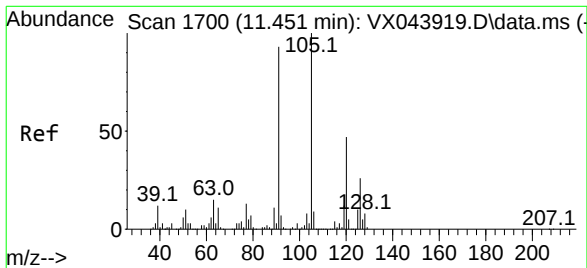
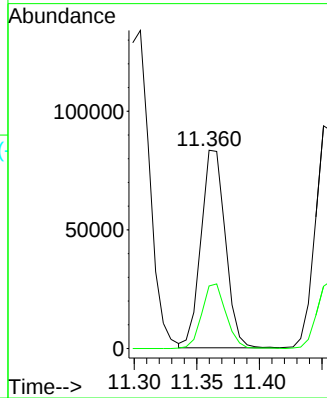
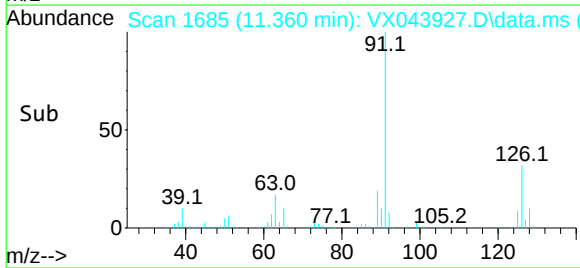
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



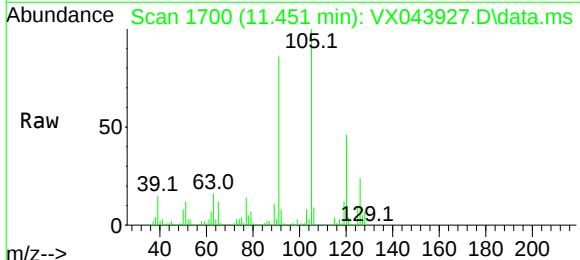
Tgt Ion: 91 Resp: 112986
Ion Ratio Lower Upper
91 100
126 32.4 16.4 49.4

Manual Integrations
APPROVED

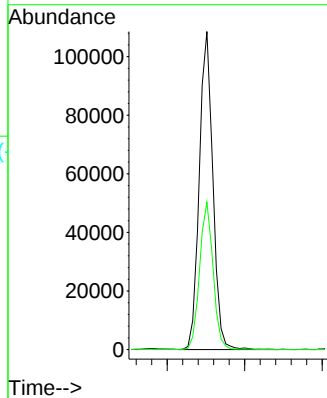
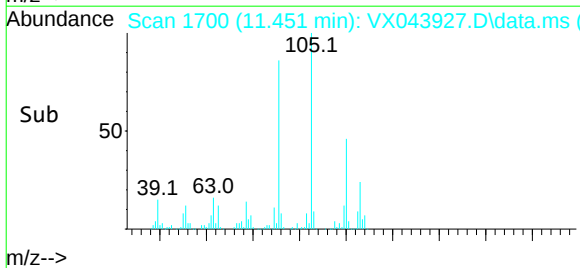
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

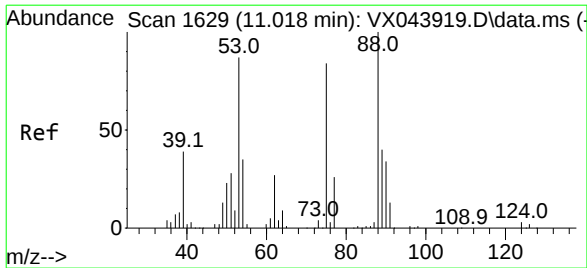


#80
1,3,5-Trimethylbenzene
Concen: 22.662 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37



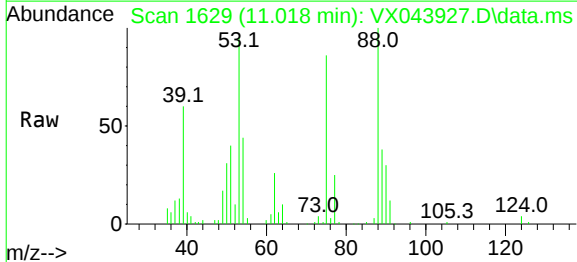
Tgt Ion:105 Resp: 132041
Ion Ratio Lower Upper
105 100
120 46.0 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 20.654 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

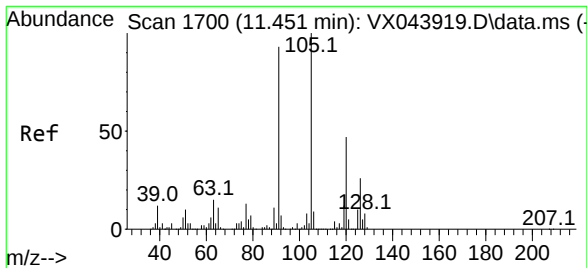
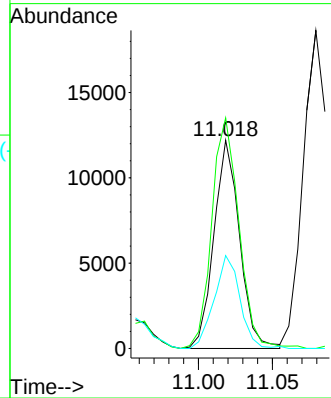
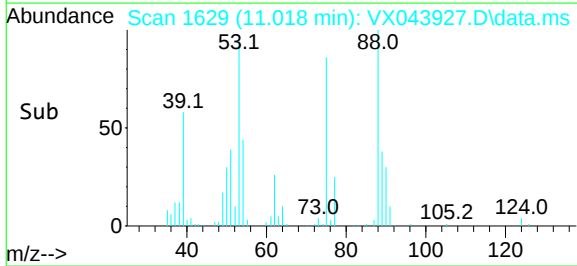
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 75 Resp: 14743
Ion Ratio Lower Upper
75 100
53 116.9 81.7 122.5
89 44.8 38.6 57.8

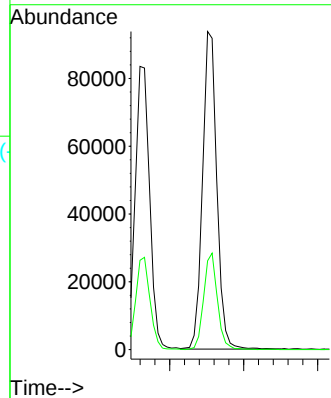
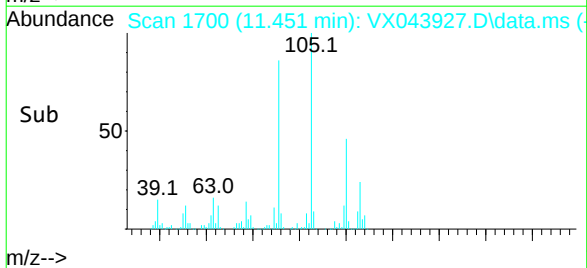
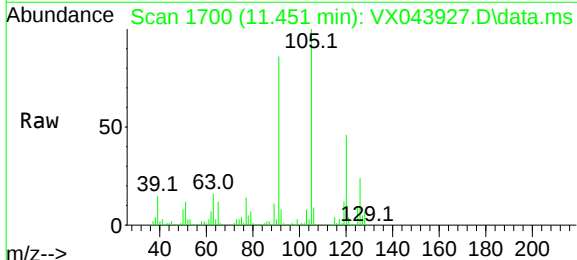
Manual Integrations
APPROVED

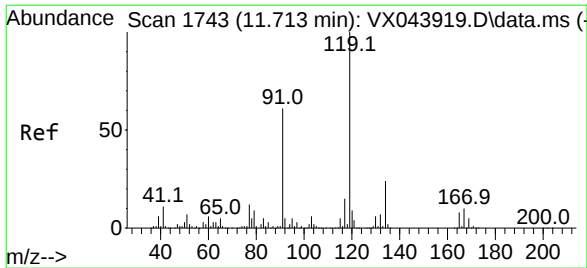
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#82
4-Chlorotoluene
Concen: 22.085 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Tgt Ion: 91 Resp: 125521
Ion Ratio Lower Upper
91 100
126 29.2 14.4 43.2





#83

tert-Butylbenzene

Concen: 21.582 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

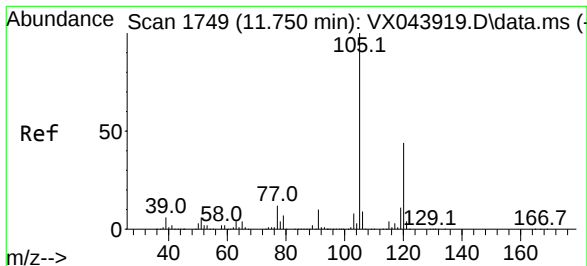
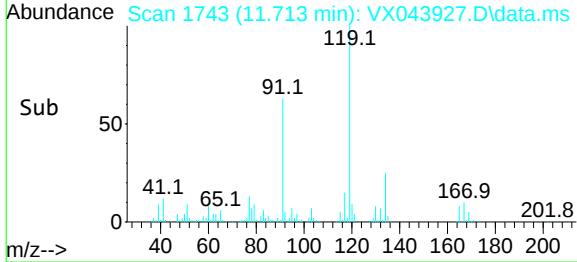
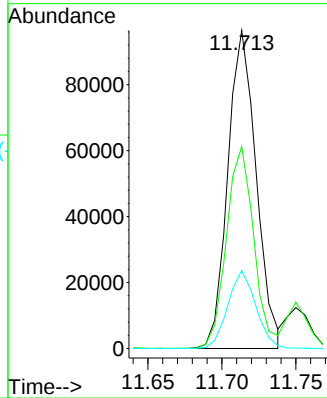
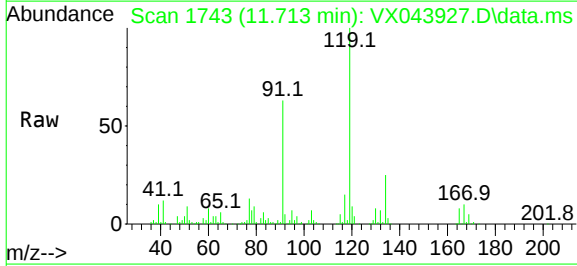
Tgt Ion:	119	Resp:	128636
Ion	Ratio	Lower	Upper
119	100		
91	61.4	29.5	88.6
134	24.2	11.8	35.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#84

1,2,4-Trimethylbenzene

Concen: 22.408 ug/l

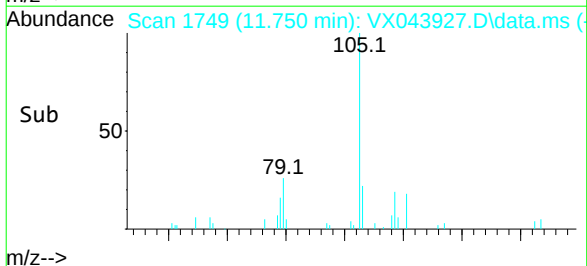
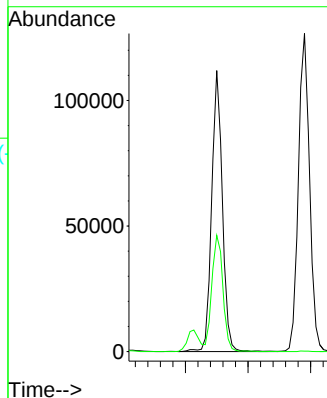
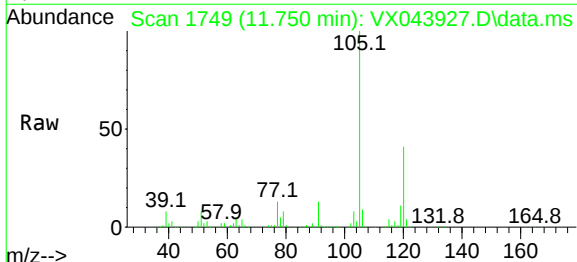
RT: 11.750 min Scan# 1749

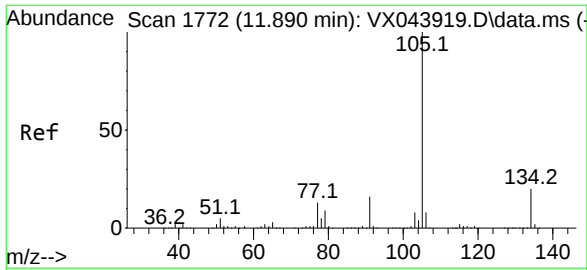
Delta R.T. 0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Tgt Ion:	105	Resp:	132595
Ion	Ratio	Lower	Upper
105	100		
120	42.9	21.7	65.1





#85

sec-Butylbenzene

Concen: 21.962 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 156312

Ion Ratio Lower Upper

105 100

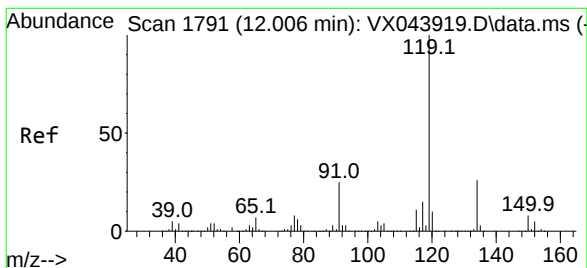
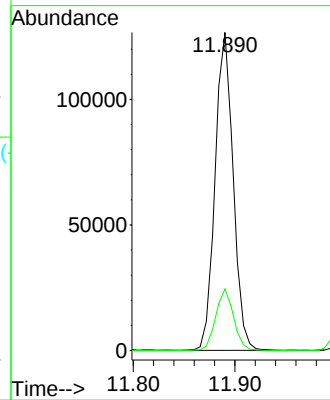
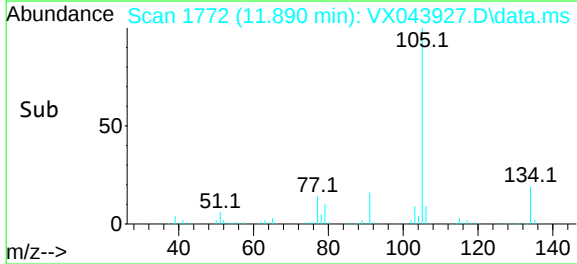
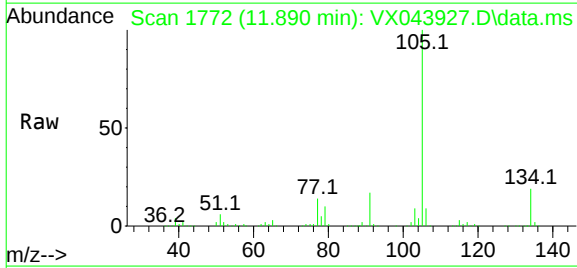
134 19.1 10.0 29.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#86

p-Isopropyltoluene

Concen: 21.854 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

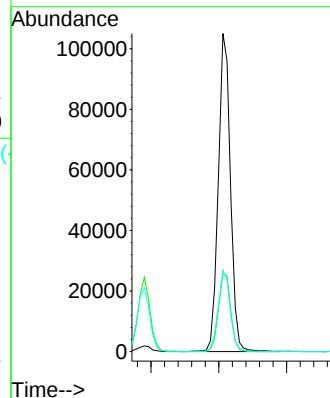
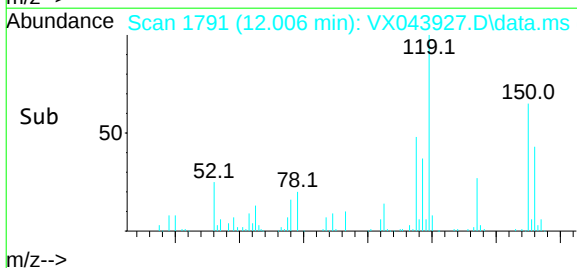
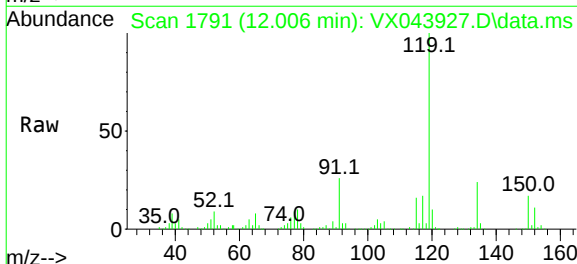
Tgt Ion:119 Resp: 130605

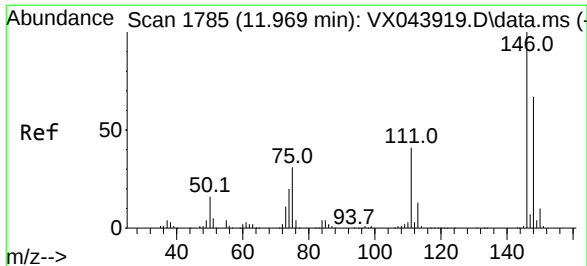
Ion Ratio Lower Upper

119 100

134 24.8 13.0 38.9

91 25.2 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 20.986 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

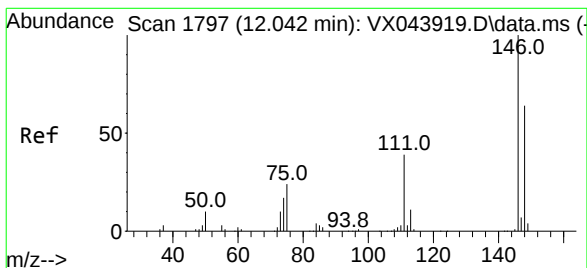
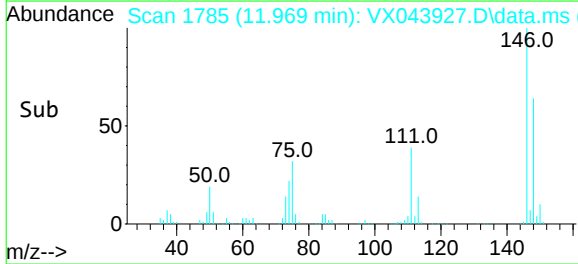
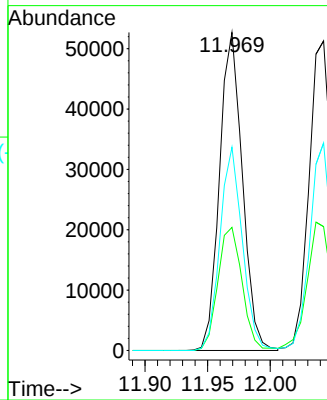
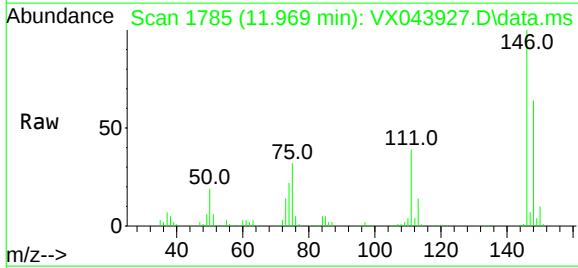
Tgt Ion:	146	Resp:	67003
Ion Ratio	Lower	Upper	
146	100		
111	41.2	20.8	62.2
148	62.8	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#88

1,4-Dichlorobenzene

Concen: 20.527 ug/l

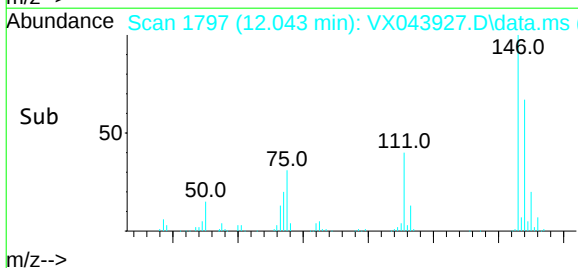
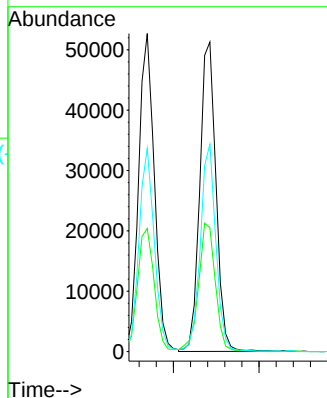
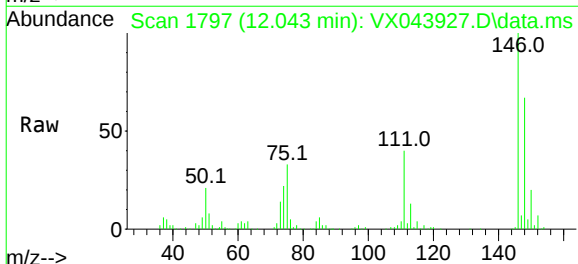
RT: 12.043 min Scan# 1797

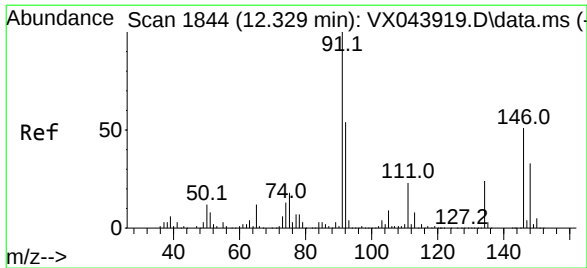
Delta R.T. 0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Tgt Ion:	146	Resp:	67195
Ion Ratio	Lower	Upper	
146	100		
111	43.4	20.1	60.2
148	64.1	32.2	96.6





#89

n-Butylbenzene

Concen: 21.698 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

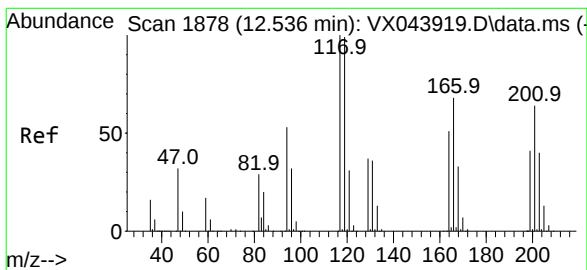
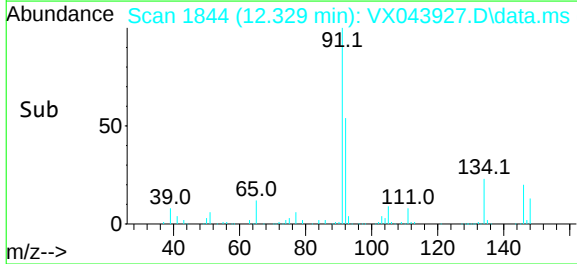
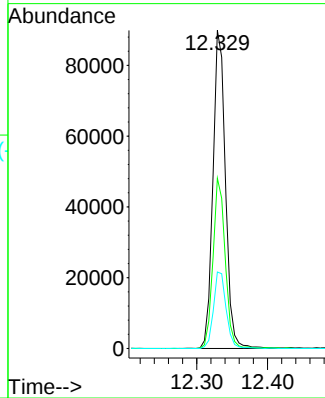
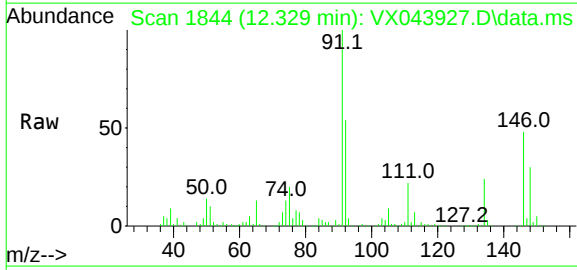
Tgt Ion:	91	Resp:	110491
Ion Ratio	Lower	Upper	
91	100		
92	52.3	26.9	80.6
134	24.4	12.9	38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#90

Hexachloroethane

Concen: 19.432 ug/l

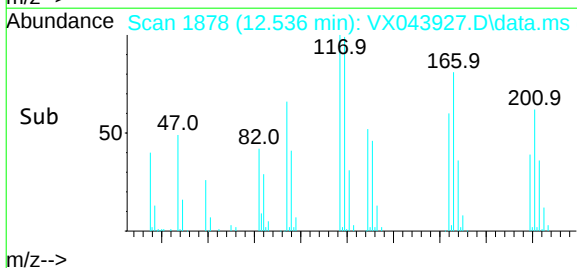
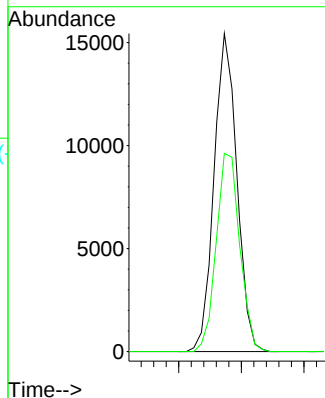
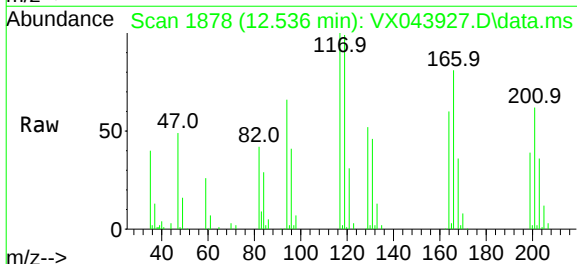
RT: 12.536 min Scan# 1878

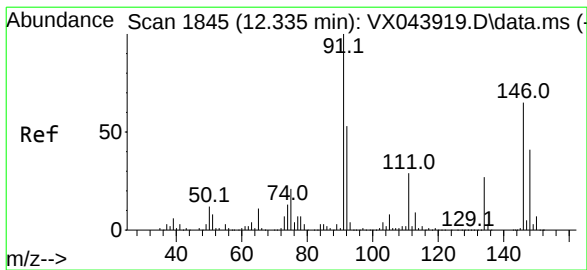
Delta R.T. 0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Tgt Ion:	117	Resp:	19547
Ion Ratio	Lower	Upper	
117	100		
201	64.5	34.1	102.3





#91

1,2-Dichlorobenzene

Concen: 20.298 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

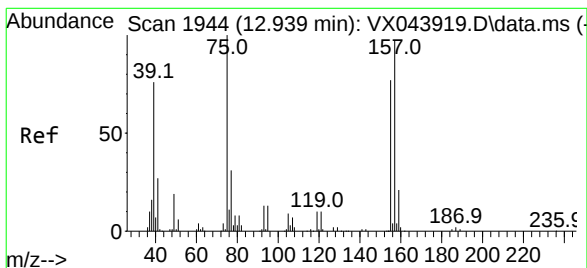
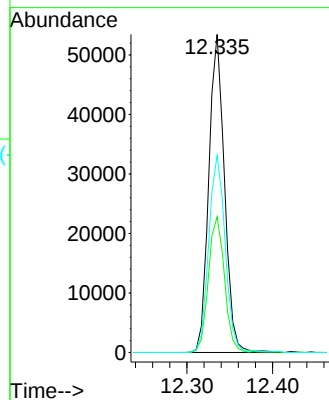
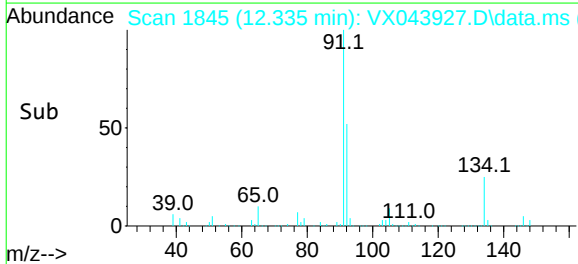
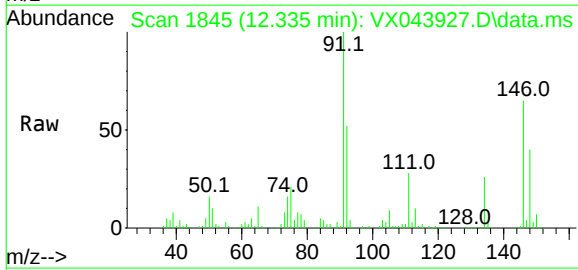
Tgt Ion:	146	Resp:	67852
Ion	Ratio	Lower	Upper
146	100		
111	44.0	21.7	65.1
148	65.4	31.6	94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.259 ug/l

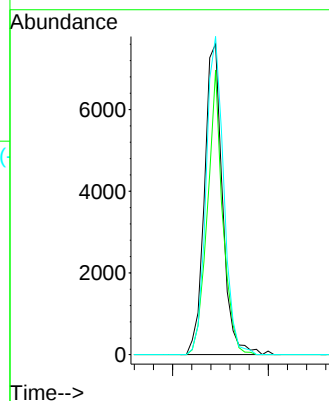
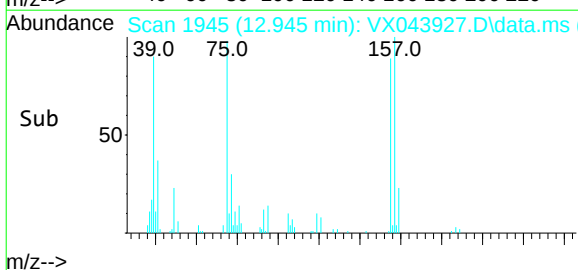
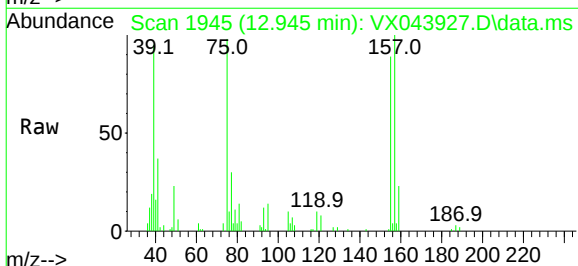
RT: 12.945 min Scan# 1945

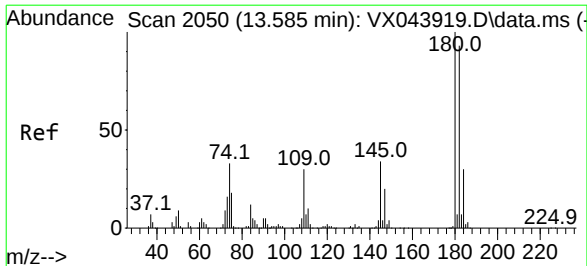
Delta R.T. 0.006 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Tgt Ion:	75	Resp:	9939
Ion	Ratio	Lower	Upper
75	100		
155	77.7	40.8	122.5
157	100.2	54.3	162.9





#93

1,2,4-Trichlorobenzene

Concen: 19.894 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

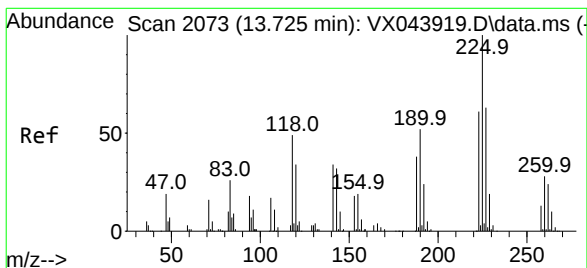
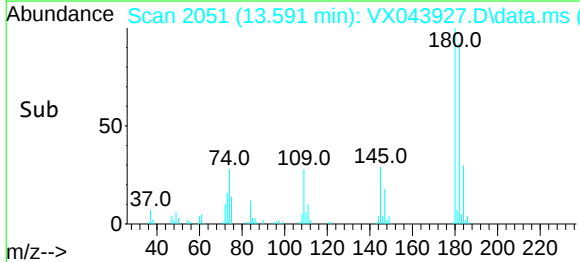
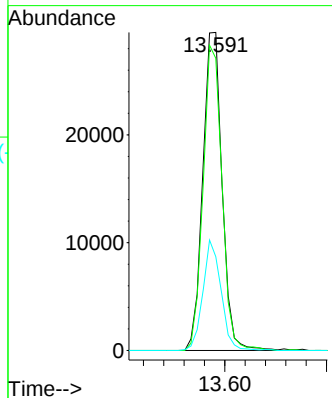
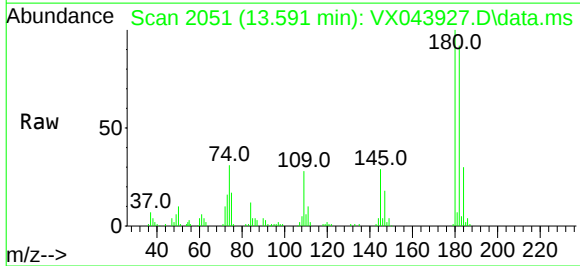
Tgt Ion:	180	Resp:	38866
Ion Ratio	Lower	Upper	
180	100		
182	93.9	46.8	140.4
145	32.7	16.4	49.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#94

Hexachlorobutadiene

Concen: 18.508 ug/l

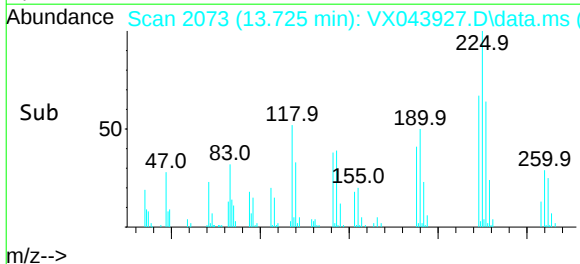
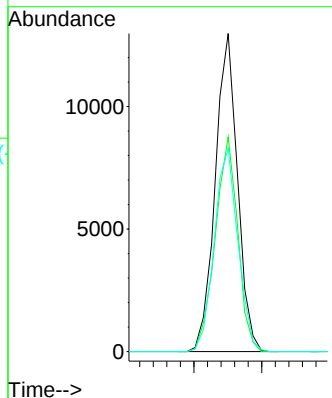
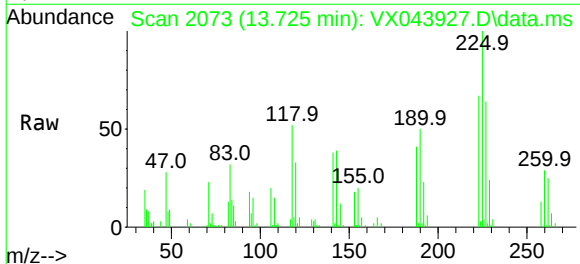
RT: 13.725 min Scan# 2073

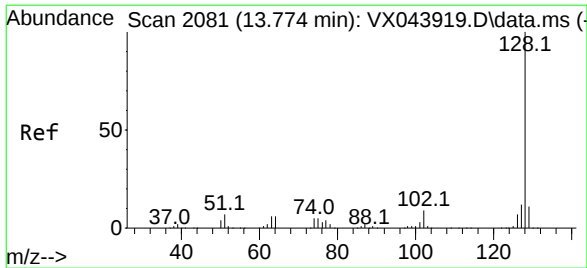
Delta R.T. 0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Tgt Ion:	225	Resp:	14818
Ion Ratio	Lower	Upper	
225	100		
223	67.9	31.1	93.3
227	67.6	29.8	89.5





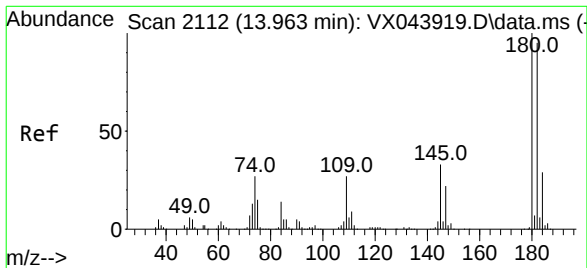
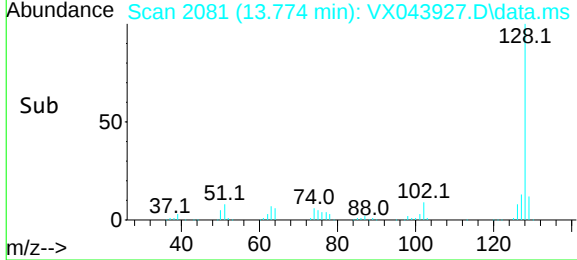
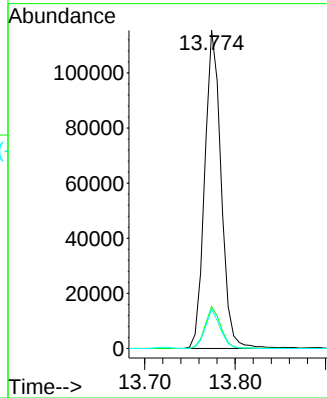
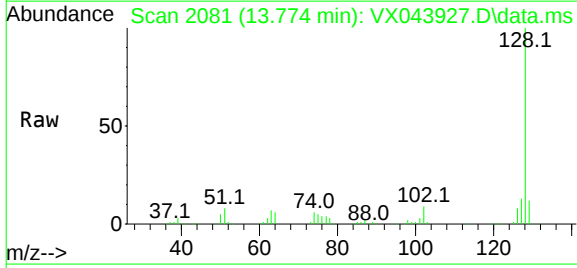
#95
Naphthalene
Concen: 19.999 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:128 Resp: 145678
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 11.3 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#96
1,2,3-Trichlorobenzene
Concen: 20.415 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Tgt Ion:180 Resp: 41554
Ion Ratio Lower Upper
180 100
182 91.6 47.6 142.8
145 33.9 17.4 52.2

