

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121922\
 Data File : VX033471.D
 Acq On : 19 Dec 2022 09:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2022
 Supervised By : Mahesh Dadoda 12/20/2022

Quant Time: Dec 20 04:58:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	131726	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.757	114	204124	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	191612	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99712	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	38865	45.990	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.980%		
35) Dibromofluoromethane	5.385	113	45998	50.101	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.200%		
50) Toluene-d8	8.647	98	97756	50.898	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.800%		
62) 4-Bromofluorobenzene	11.079	95	81732	55.655	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	111.300%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	49142	53.405	ug/l	98
3) Chloromethane	1.294	50	48563	45.645	ug/l	99
4) Vinyl Chloride	1.374	62	58024	47.764	ug/l	100
5) Bromomethane	1.618	94	33710	37.813	ug/l	99
6) Chloroethane	1.691	64	45840	49.748	ug/l	99
7) Trichlorofluoromethane	1.886	101	91067	39.930	ug/l	99
8) Diethyl Ether	2.130	74	31746	38.538	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	70781	58.506	ug/l	99
10) Methyl Iodide	2.453	142	76620	57.826	ug/l	98
11) Tert butyl alcohol	2.989	59	55573	215.095	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	64094	53.671	ug/l	94
13) Acrolein	2.239	56	37347	133.282	ug/l	100
14) Allyl chloride	2.666	41	99264	52.050	ug/l	97
15) Acrylonitrile	3.062	53	155157	242.432	ug/l	96
16) Acetone	2.386	43	184871	295.639	ug/l	99
17) Carbon Disulfide	2.514	76	152567	49.777	ug/l	99
18) Methyl Acetate	2.703	43	90119	49.783	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	224787	54.341	ug/l	97
20) Methylene Chloride	2.788	84	68865	49.380	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	69649	53.316	ug/l	98
22) Diisopropyl ether	3.757	45	223121	54.607	ug/l	97
23) Vinyl Acetate	3.715	43	843024	265.821	ug/l	99
24) 1,1-Dichloroethane	3.605	63	125903	52.443	ug/l	99
25) 2-Butanone	4.556	43	230650	256.961	ug/l	97
26) 2,2-Dichloropropane	4.477	77	109074	61.781	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	85228	54.591	ug/l	98
28) Bromochloromethane	4.891	49	51846	51.590	ug/l	92
29) Tetrahydrofuran	5.001	42	134947	232.043	ug/l	97
30) Chloroform	5.086	83	146638	55.019	ug/l	99
31) Cyclohexane	5.470	56	109552	54.548	ug/l	90
32) 1,1,1-Trichloroethane	5.379	97	133419	58.181	ug/l	99
36) 1,1-Dichloropropene	5.690	75	103224	57.667	ug/l	99
37) Ethyl Acetate	4.708	43	85045	50.261	ug/l	100
38) Carbon Tetrachloride	5.672	117	120603	60.135	ug/l	98
39) Methylcyclohexane	7.379	83	119354	59.571	ug/l	99
40) Benzene	6.037	78	293265	56.191	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121922\
 Data File : VX033471.D
 Acq On : 19 Dec 2022 09:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2022
 Supervised By : Mahesh Dadoda 12/20/2022

Quant Time: Dec 20 04:58:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	48847	52.388	ug/l	97
42) 1,2-Dichloroethane	6.080	62	112196	54.136	ug/l	99
43) Isopropyl Acetate	6.330	43	145899	53.589	ug/l	98
44) Trichloroethene	7.123	130	84826	58.950	ug/l	95
45) 1,2-Dichloropropane	7.427	63	75098	56.264	ug/l	97
46) Dibromomethane	7.580	93	56513	55.580	ug/l	98
47) Bromodichloromethane	7.818	83	117991	59.531	ug/l	100
48) Methyl methacrylate	7.690	41	74149	52.771	ug/l	93
49) 1,4-Dioxane	7.702	88	30474	951.093	ug/l	98
51) 4-Methyl-2-Pentanone	8.568	43	456468	265.127	ug/l	97
52) Toluene	8.714	92	199593	59.149	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	119948	56.017	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	127118	60.271	ug/l	92
55) 1,1,2-Trichloroethane	9.147	97	82316	58.032	ug/l	99
56) Ethyl methacrylate	9.116	69	115757	57.962	ug/l	92
57) 1,3-Dichloropropane	9.305	76	130398	57.226	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	277452	303.620	ug/l	98
59) 2-Hexanone	9.427	43	362612	285.797	ug/l	95
60) Dibromochloromethane	9.519	129	96660	61.849	ug/l	99
61) 1,2-Dibromoethane	9.610	107	88539	58.682	ug/l	100
64) Tetrachloroethene	9.269	164	75616	57.712	ug/l	97
65) Chlorobenzene	10.079	112	222537	57.352	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	85331	58.193	ug/l	99
67) Ethyl Benzene	10.195	91	404383	59.822	ug/l	98
68) m/p-Xylenes	10.299	106	319761	121.581	ug/l	97
69) o-Xylene	10.640	106	155240	59.716	ug/l	95
70) Styrene	10.652	104	260067	61.083	ug/l	98
71) Bromoform	10.799	173	70798	60.998	ug/l #	98
73) Isopropylbenzene	10.963	105	411336	56.915	ug/l	100
74) N-amyl acetate	10.841	43	130807	53.049	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	120095	52.379	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	96342m	47.491	ug/l	
77) Bromobenzene	11.195	156	100137	54.869	ug/l	98
78) n-propylbenzene	11.305	91	470323	58.282	ug/l	99
79) 2-Chlorotoluene	11.366	91	279169	55.977	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	345758	57.473	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	35781	54.866	ug/l	91
82) 4-Chlorotoluene	11.457	91	326084	56.230	ug/l	98
83) tert-Butylbenzene	11.713	119	342957	57.168	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	343717	57.237	ug/l	99
85) sec-Butylbenzene	11.890	105	417210	59.607	ug/l	99
86) p-Isopropyltoluene	12.006	119	355462	58.905	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	189842	57.425	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	190413	56.388	ug/l	99
89) n-Butylbenzene	12.335	91	306502	62.014	ug/l	99
90) Hexachloroethane	12.536	117	60697	59.174	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	183946	55.654	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24731	49.937	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	117807	59.017	ug/l	98
94) Hexachlorobutadiene	13.725	225	49920	62.452	ug/l	98
95) Naphthalene	13.774	128	374628	56.264	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	116453	57.602	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121922\
Data File : VX033471.D
Acq On : 19 Dec 2022 09:56
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

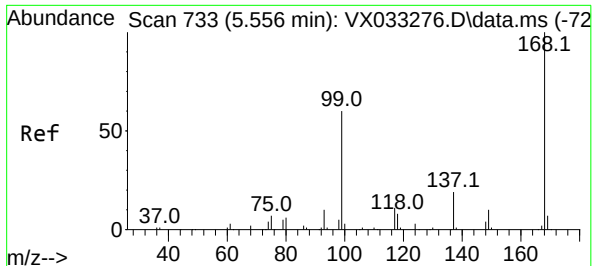
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

Quant Time: Dec 20 04:58:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
Response via : Initial Calibration

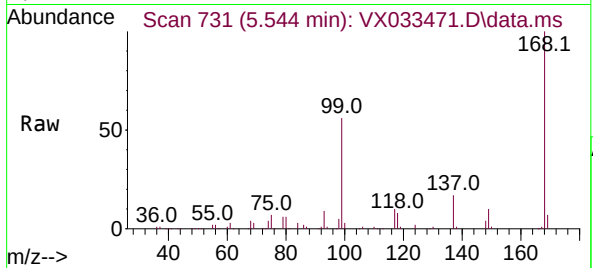
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.012 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

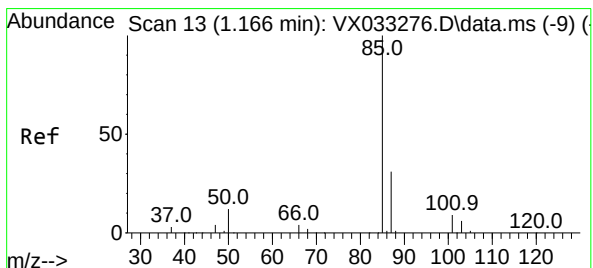
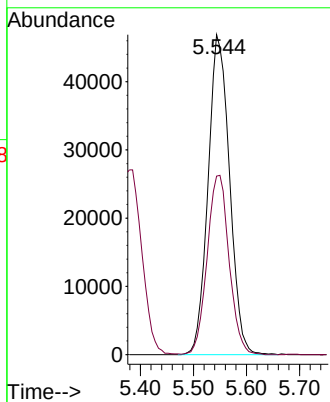
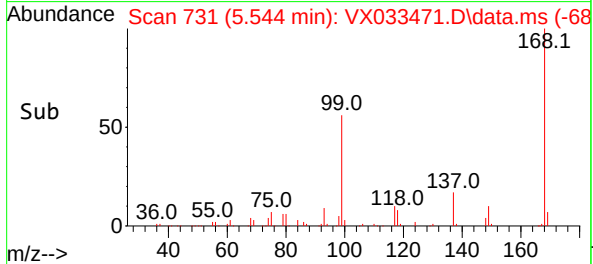
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 131726
Ion Ratio Lower Upper
168 100
99 55.8 46.1 69.1

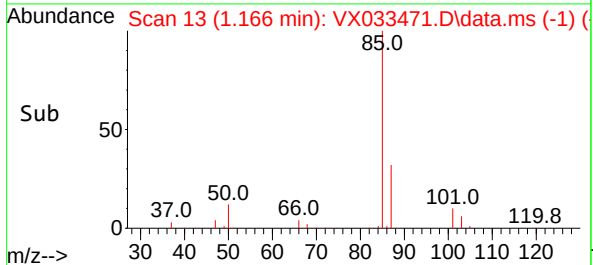
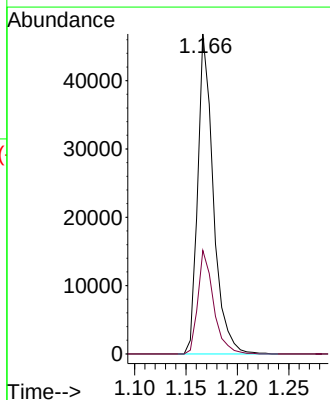
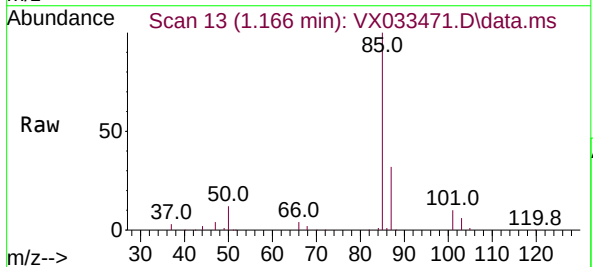
Manual Integrations
APPROVED

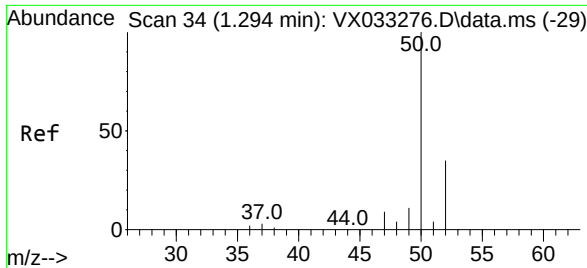
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#2
Dichlorodifluoromethane
Concen: 53.405 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

Tgt Ion: 85 Resp: 49142
Ion Ratio Lower Upper
85 100
87 32.3 15.6 46.7





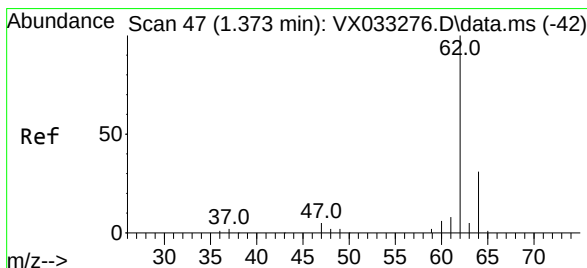
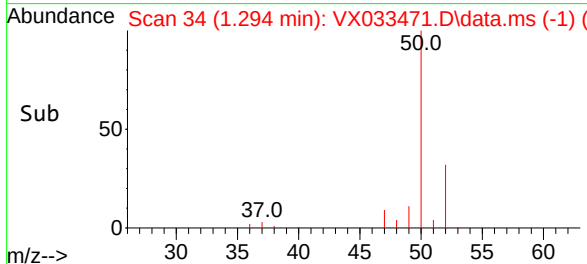
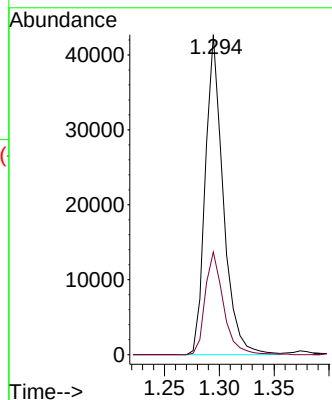
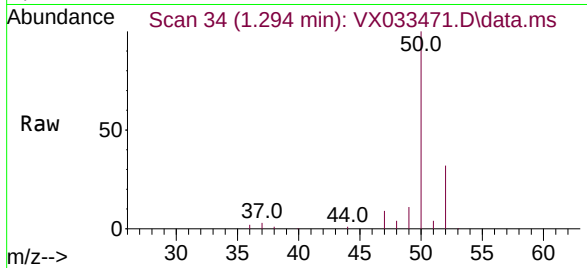
#3
Chloromethane
Concen: 45.645 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 48563
Ion Ratio Lower Upper
50 100
52 32.1 25.4 38.2

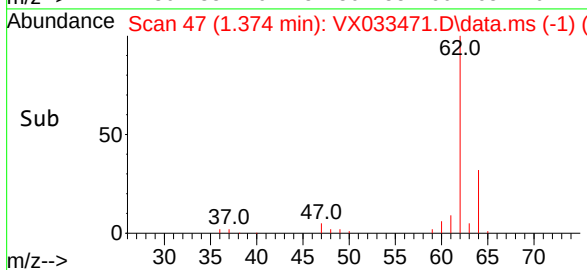
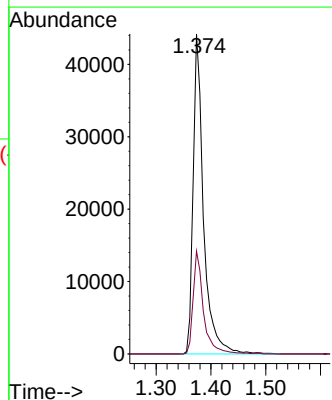
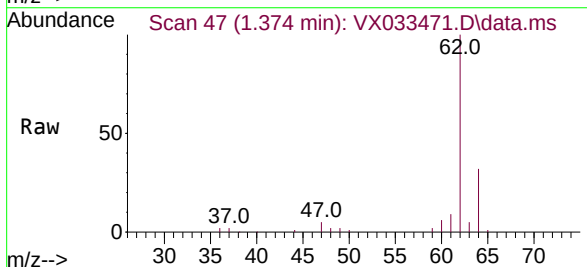
Manual Integrations
APPROVED

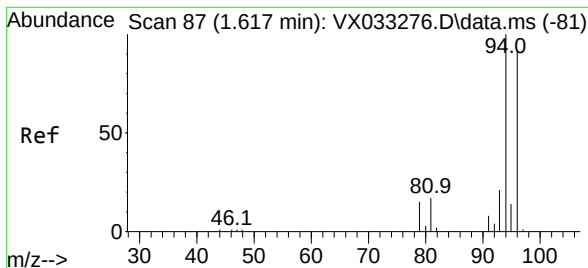
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#4
Vinyl Chloride
Concen: 47.764 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

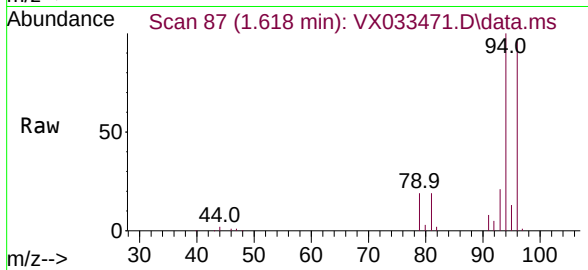
Tgt Ion: 62 Resp: 58024
Ion Ratio Lower Upper
62 100
64 32.1 25.8 38.6





#5
Bromomethane
Concen: 37.813 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

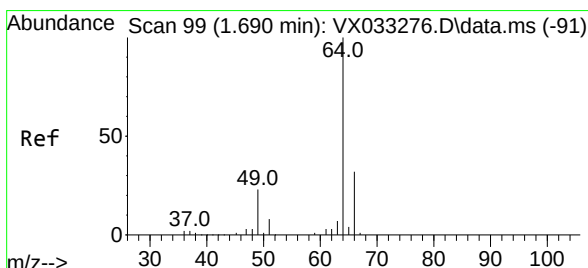
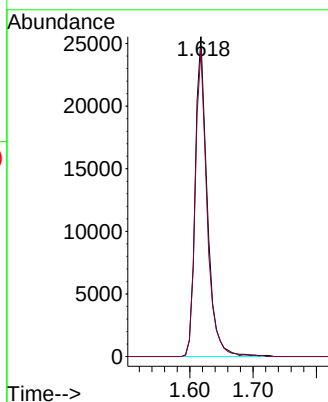
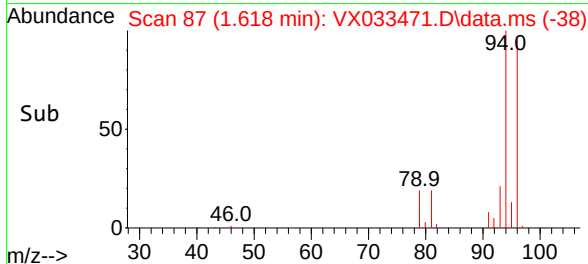
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



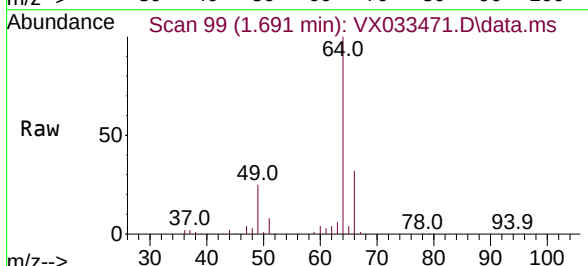
Tgt Ion: 94 Resp: 33710
Ion Ratio Lower Upper
94 100
96 95.6 77.6 116.4

Manual Integrations
APPROVED

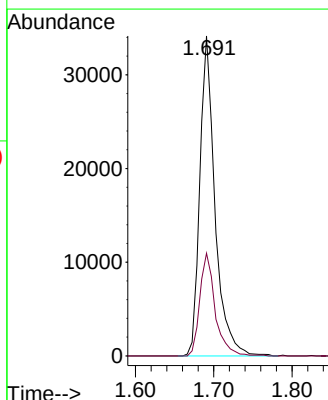
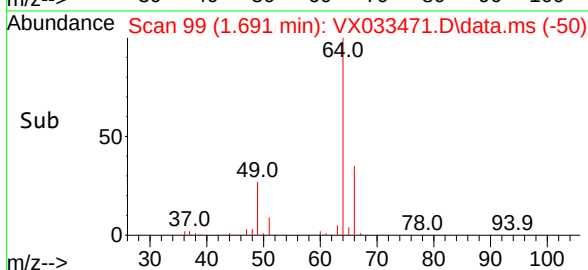
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

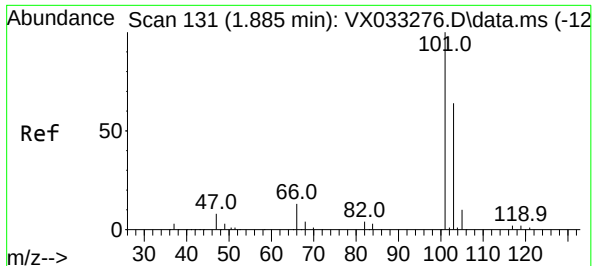


#6
Chloroethane
Concen: 49.748 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56



Tgt Ion: 64 Resp: 45840
Ion Ratio Lower Upper
64 100
66 32.1 26.0 39.0





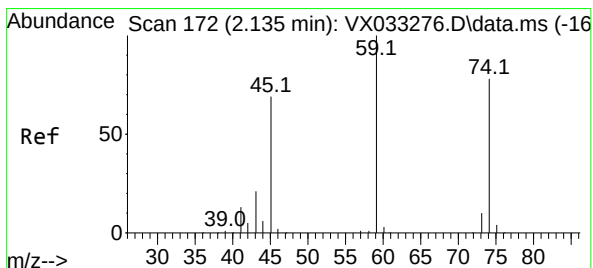
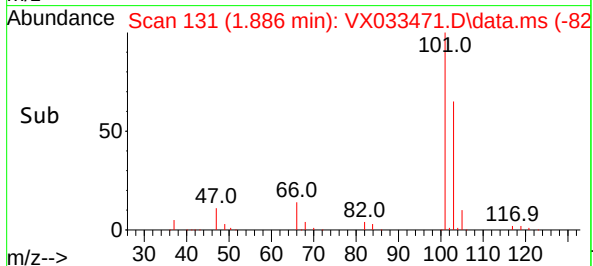
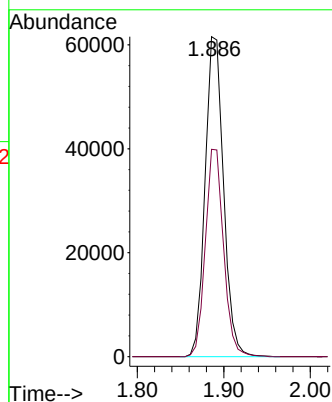
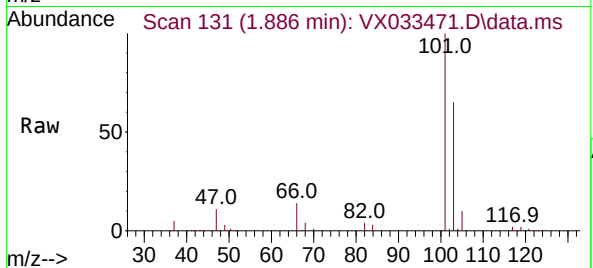
#7
Trichlorofluoromethane
Concen: 39.930 ug/l
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 91062
Ion Ratio Lower Upper
101 100
103 64.8 51.4 77.2

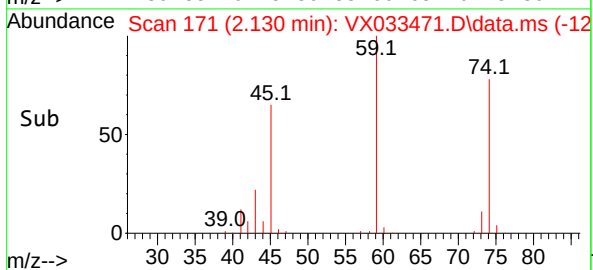
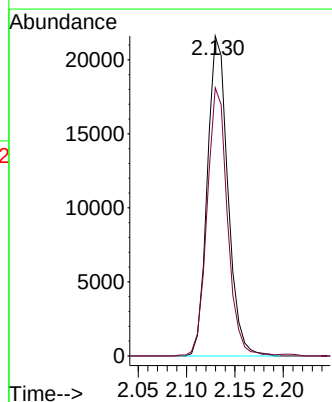
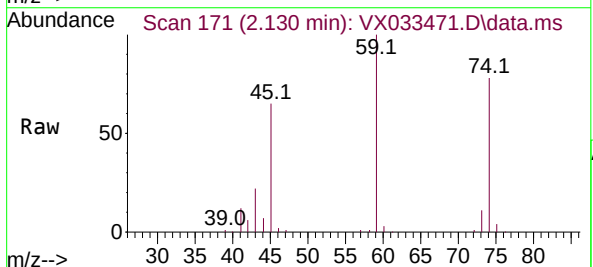
Manual Integrations
APPROVED

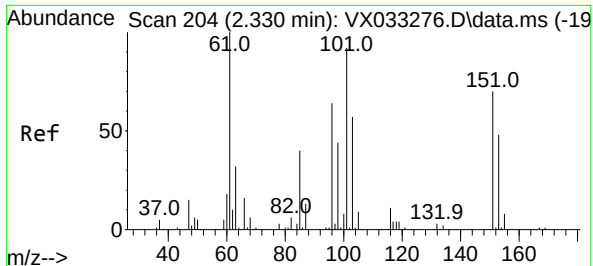
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#8
Diethyl Ether
Concen: 38.538 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

Tgt Ion: 74 Resp: 31746
Ion Ratio Lower Upper
74 100
45 83.2 46.6 139.7





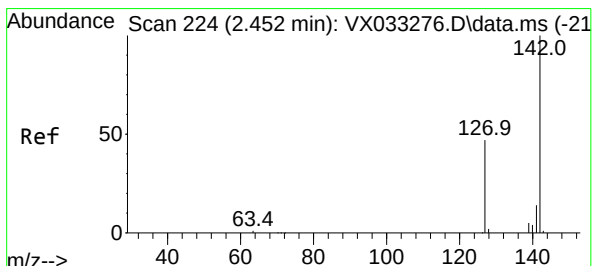
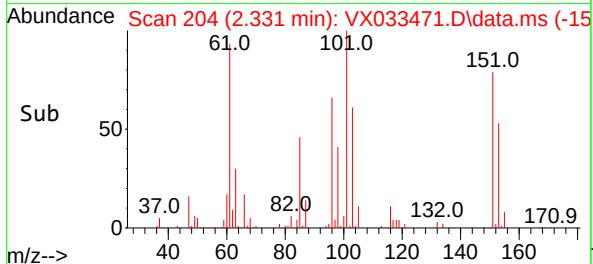
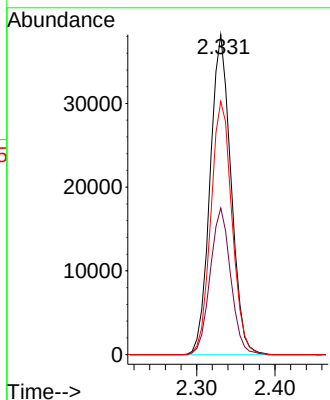
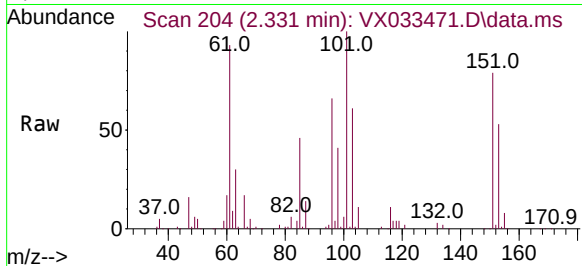
#9
1,1,2-Trichlorotrifluoroethane
Concen: 58.506 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 7078
Ion Ratio Lower Upper
101 100
85 44.9 37.0 55.4
151 80.1 64.4 96.6

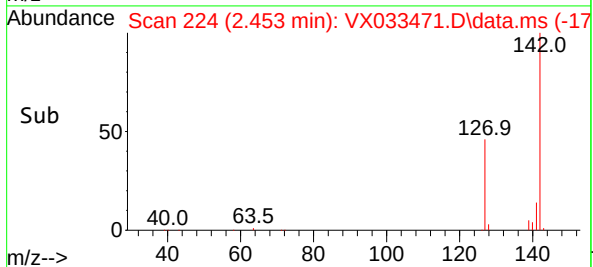
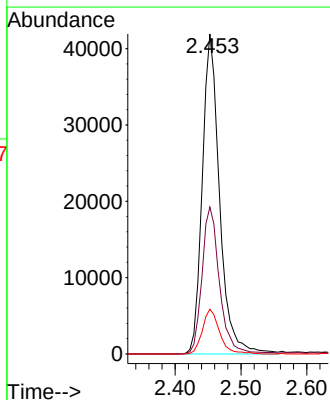
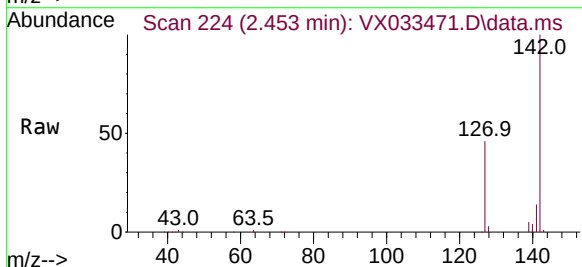
Manual Integrations
APPROVED

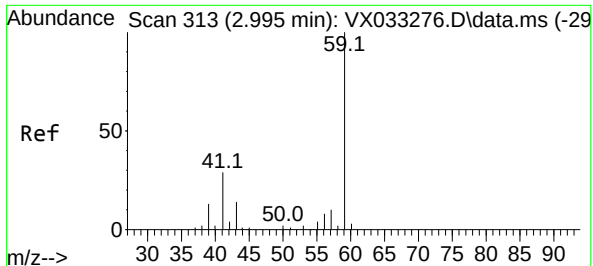
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#10
Methyl Iodide
Concen: 57.826 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

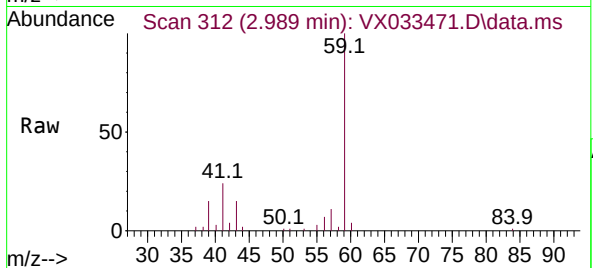
Tgt Ion:142 Resp: 76620
Ion Ratio Lower Upper
142 100
127 46.6 38.6 57.8
141 13.8 11.4 17.2





#11
Tert butyl alcohol
Concen: 215.095 ug/l
RT: 2.989 min Scan# 313
Delta R.T. -0.006 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

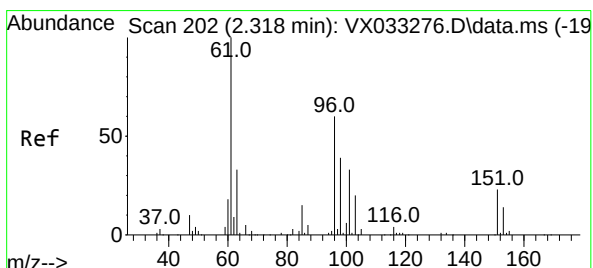
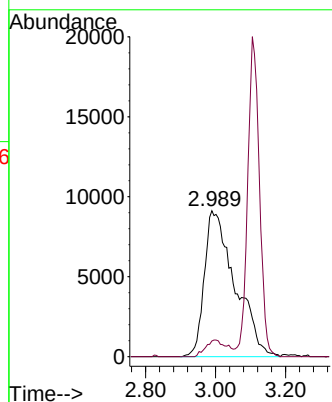
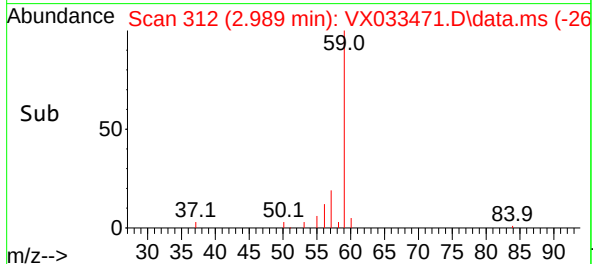
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 55573
Ion Ratio Lower Upper
59 100
57 7.7 8.2 12.4

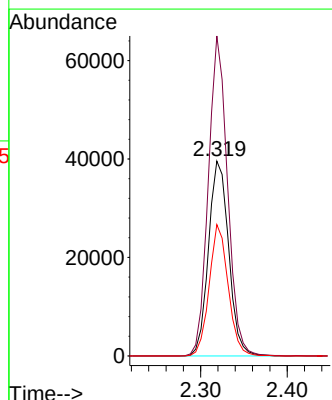
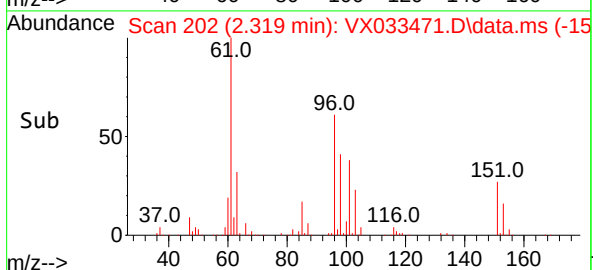
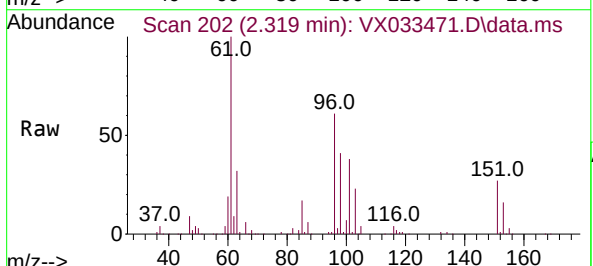
Manual Integrations
APPROVED

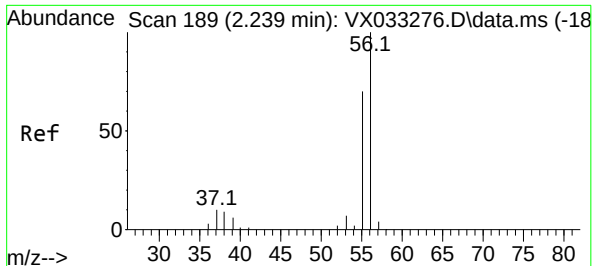
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#12
1,1-Dichloroethene
Concen: 53.671 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

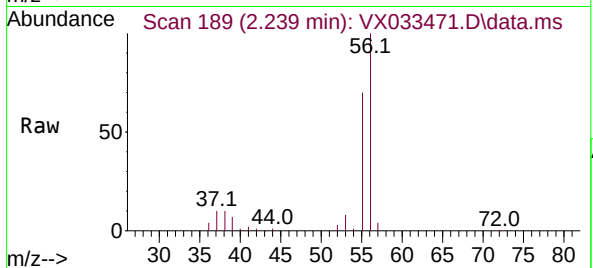
Tgt Ion: 96 Resp: 64094
Ion Ratio Lower Upper
96 100
61 164.3 125.1 187.7
98 67.4 50.6 76.0





#13
Acrolein
Concen: 133.282 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

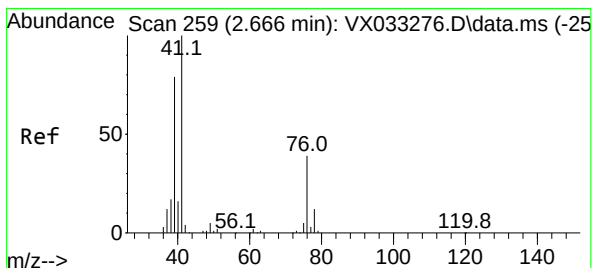
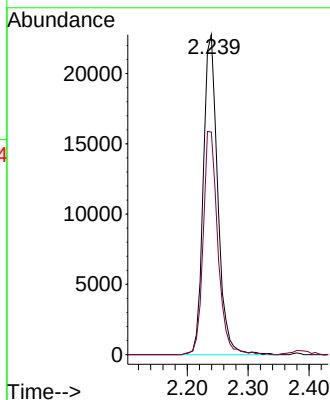
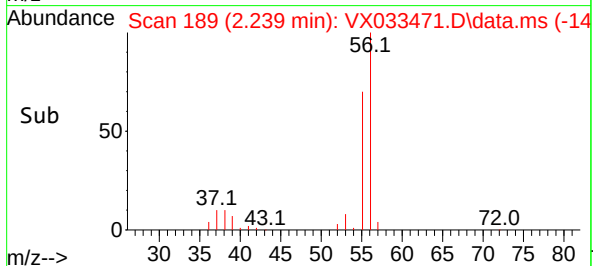
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 3734
Ion Ratio Lower Upper
56 100
55 71.0 56.9 85.3

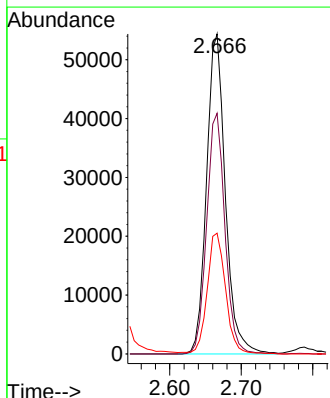
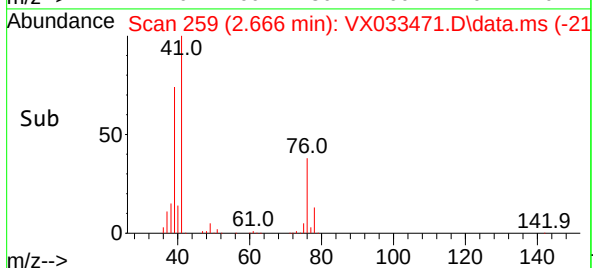
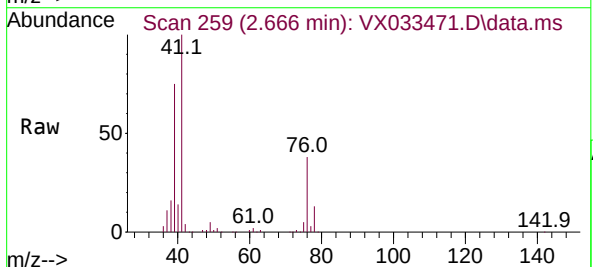
Manual Integrations
APPROVED

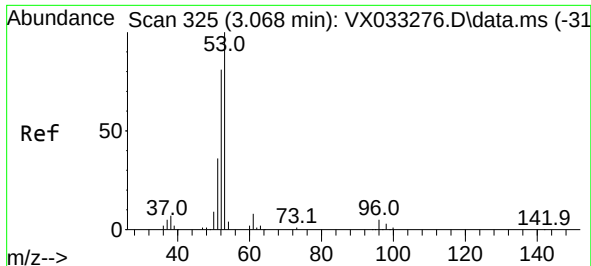
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#14
Allyl chloride
Concen: 52.050 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

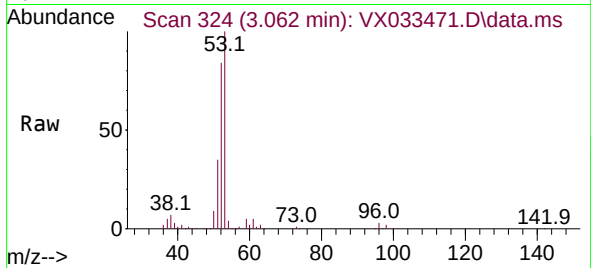
Tgt Ion: 41 Resp: 99264
Ion Ratio Lower Upper
41 100
39 73.0 61.4 92.2
76 36.9 29.2 43.8





#15
Acrylonitrile
Concen: 242.432 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

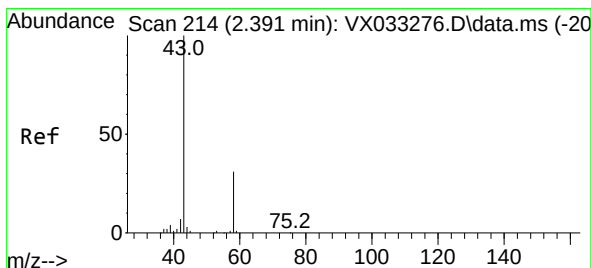
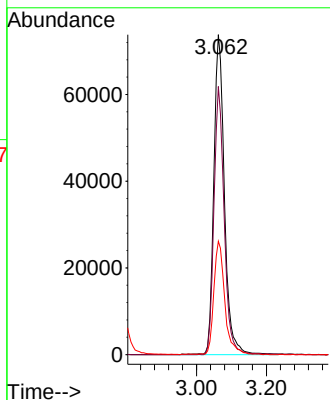
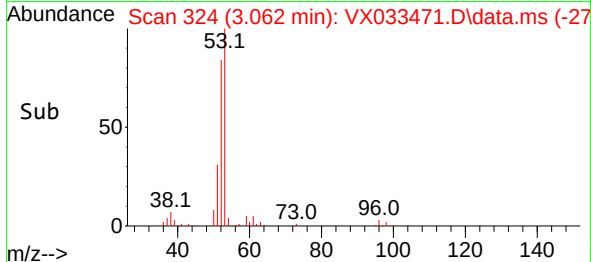
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 155152
Ion Ratio Lower Upper
53 100
52 80.7 67.4 101.0
51 36.0 30.3 45.5

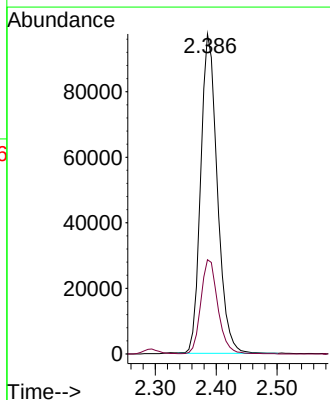
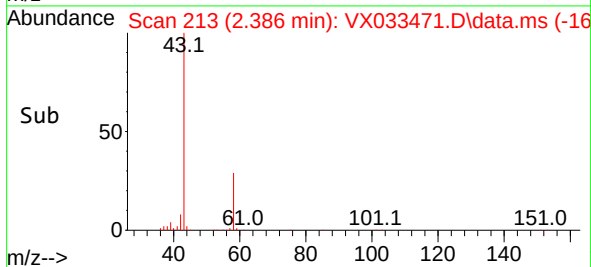
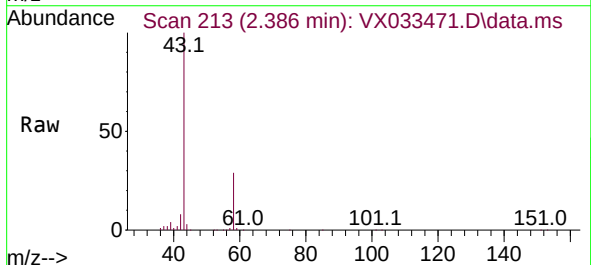
Manual Integrations
APPROVED

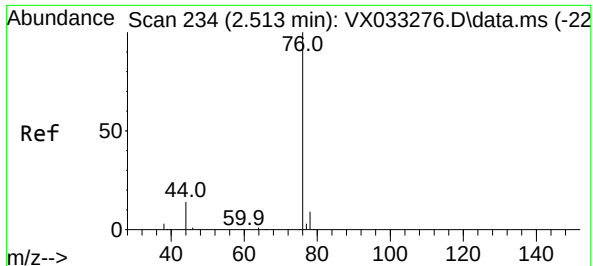
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#16
Acetone
Concen: 295.639 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

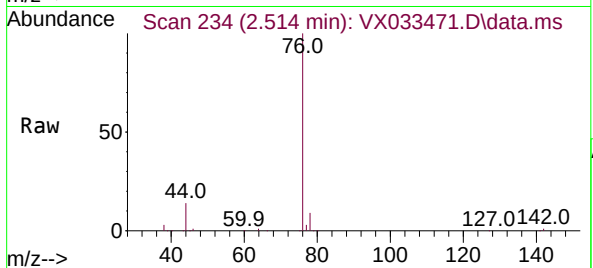
Tgt Ion: 43 Resp: 184871
Ion Ratio Lower Upper
43 100
58 29.5 23.8 35.8





#17
Carbon Disulfide
Concen: 49.777 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

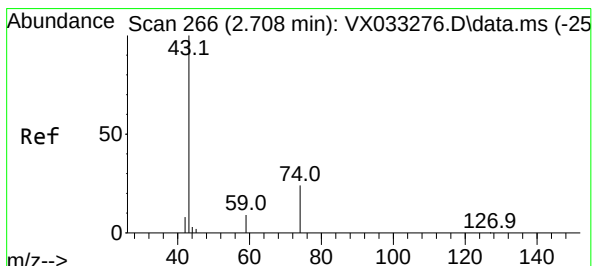
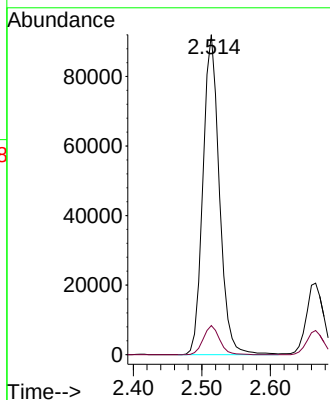
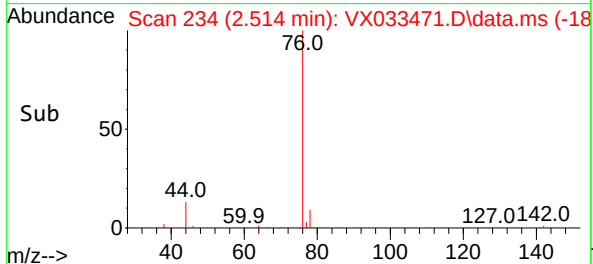
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



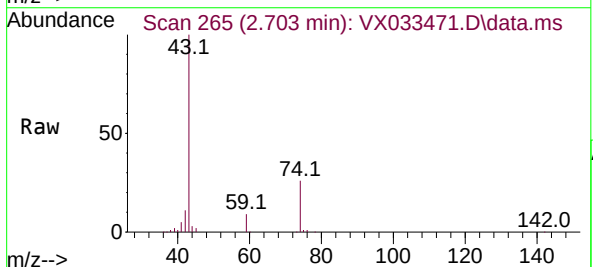
Tgt Ion: 76 Resp: 152562
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

Manual Integrations
APPROVED

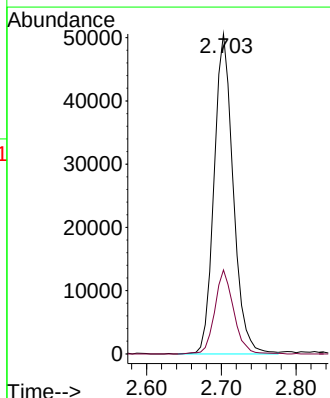
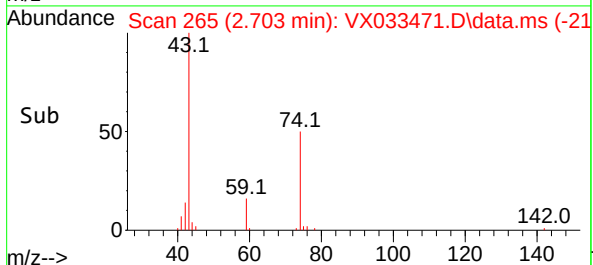
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

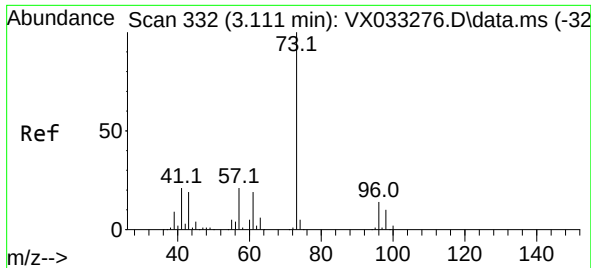


#18
Methyl Acetate
Concen: 49.783 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56



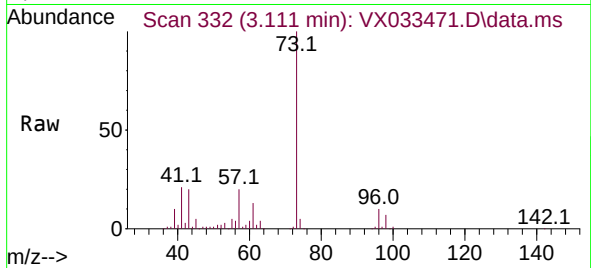
Tgt Ion: 43 Resp: 90119
Ion Ratio Lower Upper
43 100
74 25.8 19.4 29.0





#19
Methyl tert-butyl Ether
Concen: 54.341 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

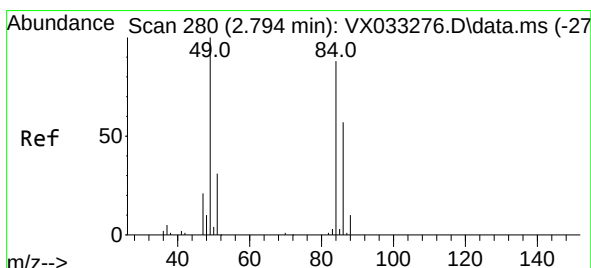
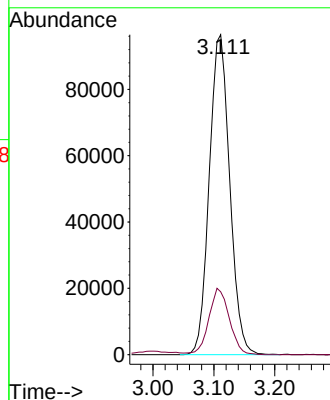
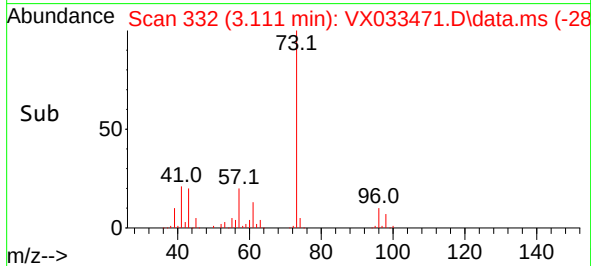
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 22478
Ion Ratio Lower Upper
73 100
57 19.6 16.6 25.0

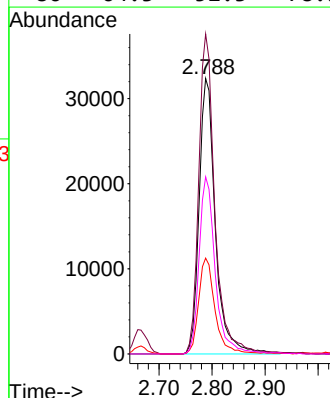
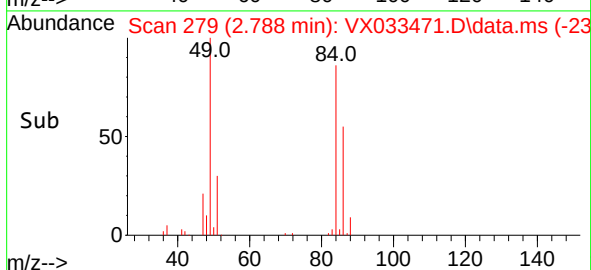
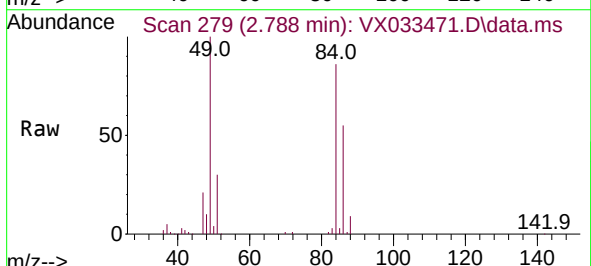
Manual Integrations
APPROVED

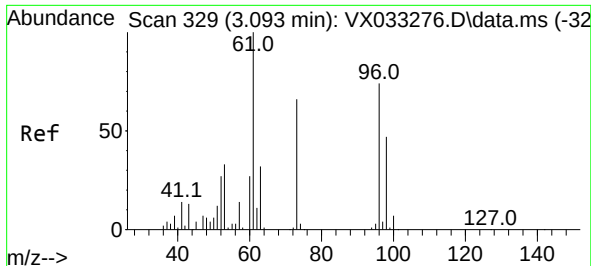
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#20
Methylene Chloride
Concen: 49.380 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

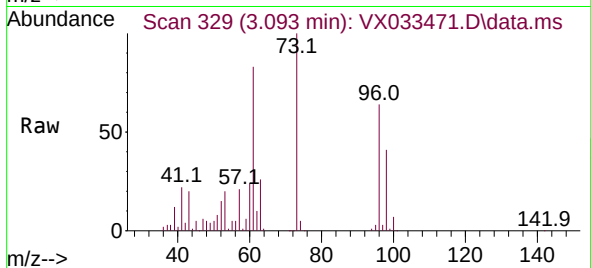
Tgt Ion: 84 Resp: 68865
Ion Ratio Lower Upper
84 100
49 116.2 101.0 151.6
51 34.8 31.1 46.7
86 64.3 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 53.316 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

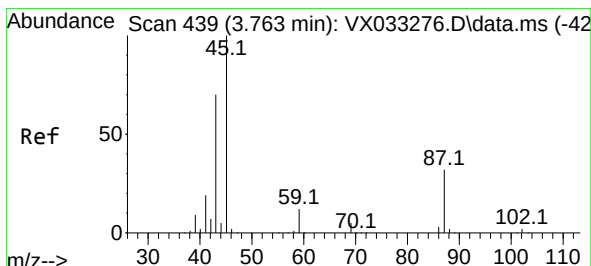
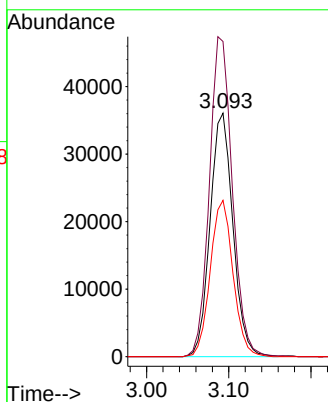
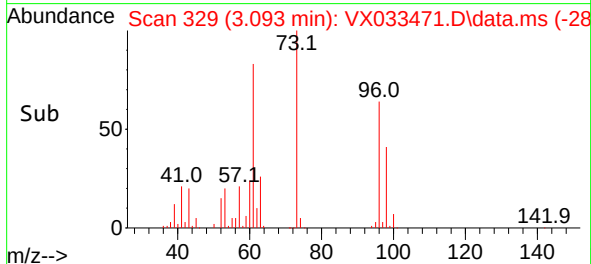
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



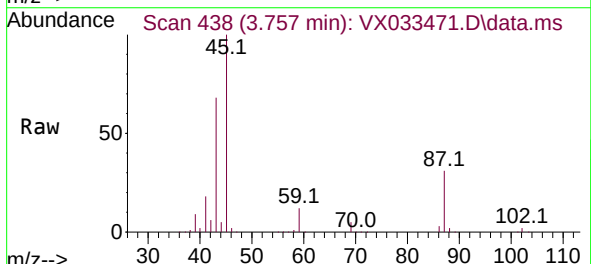
Tgt Ion: 96 Resp: 69649
Ion Ratio Lower Upper
96 100
61 129.5 106.6 160.0
98 64.2 51.0 76.6

Manual Integrations
APPROVED

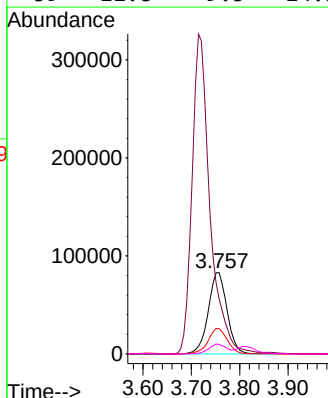
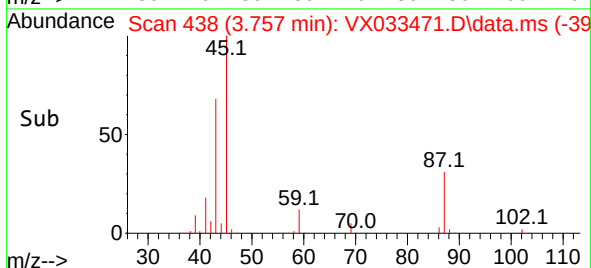
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

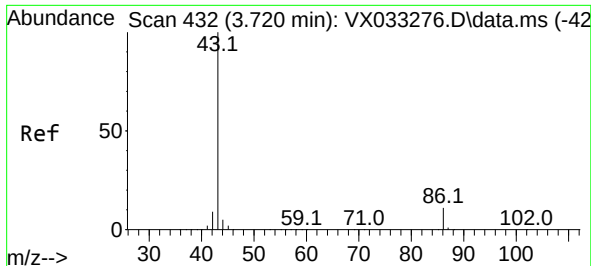


#22
Diisopropyl ether
Concen: 54.607 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56



Tgt Ion: 45 Resp: 223121
Ion Ratio Lower Upper
45 100
43 66.7 56.4 84.6
87 31.0 24.4 36.6
59 11.8 9.5 14.3





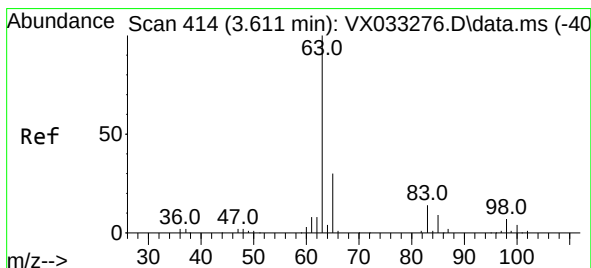
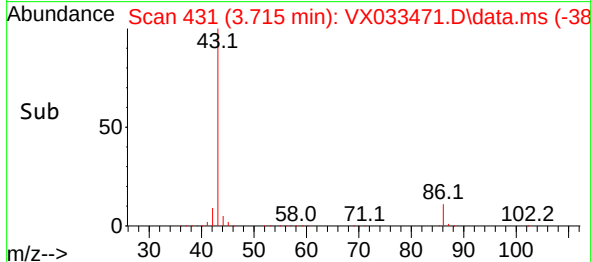
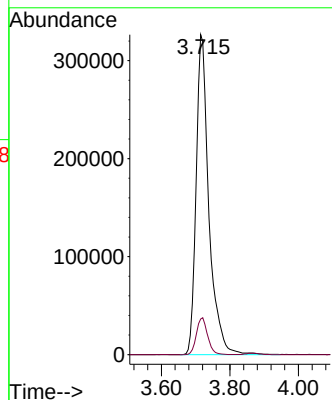
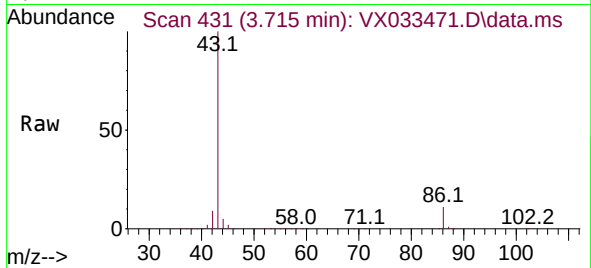
#23
 Vinyl Acetate
 Concen: 265.821 ug/l
 RT: 3.715 min Scan# 431
 Delta R.T. -0.006 min
 Lab File: VX033471.D
 Acq: 19 Dec 2022 09:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 843024
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.6 12.8

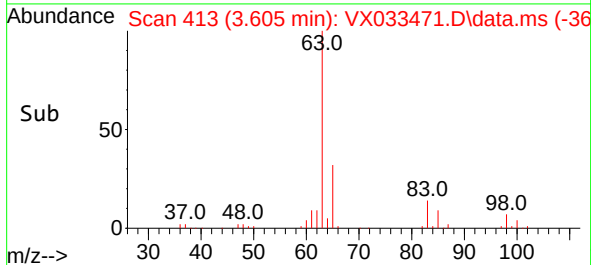
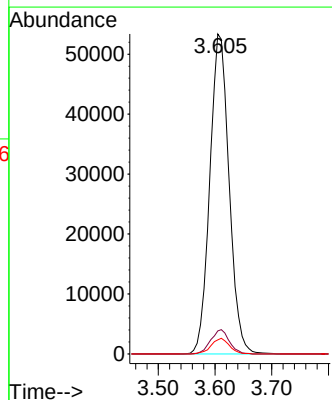
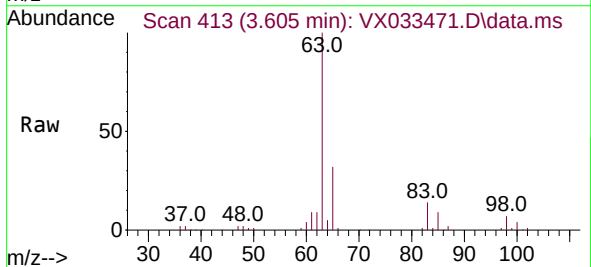
Manual Integrations
 APPROVED

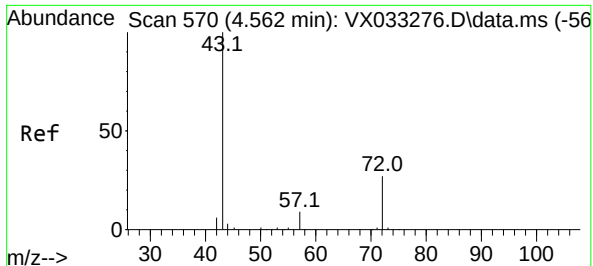
Reviewed By :John Carlone 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022



#24
 1,1-Dichloroethane
 Concen: 52.443 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX033471.D
 Acq: 19 Dec 2022 09:56

Tgt Ion: 63 Resp: 125903
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.4
 100 4.4 2.3 6.8





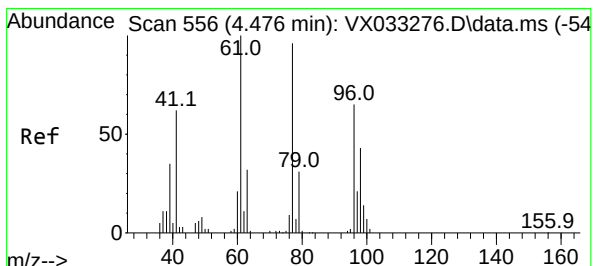
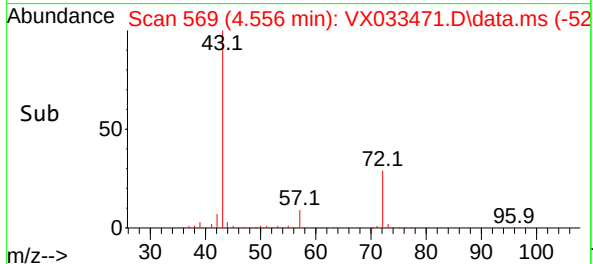
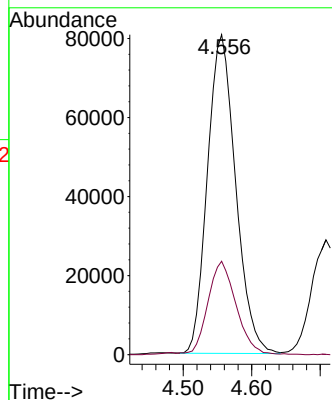
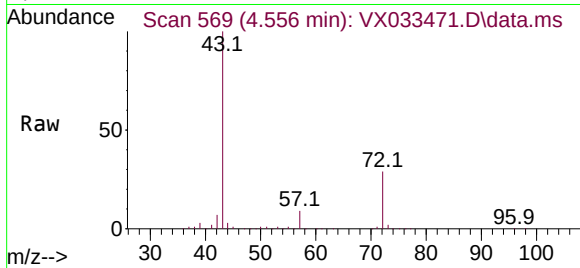
#25
2-Butanone
Concen: 256.961 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 230650
Ion Ratio Lower Upper
43 100
72 29.1 22.2 33.2

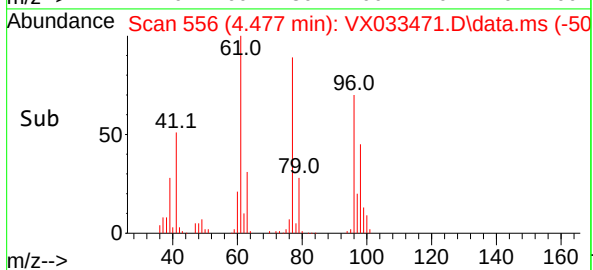
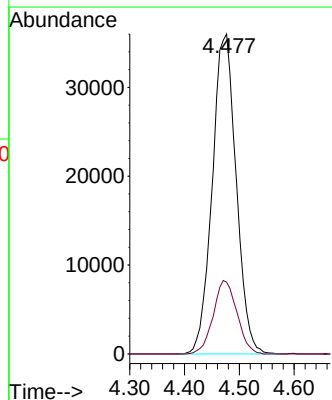
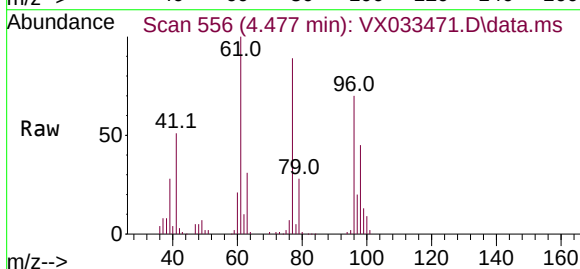
Manual Integrations
APPROVED

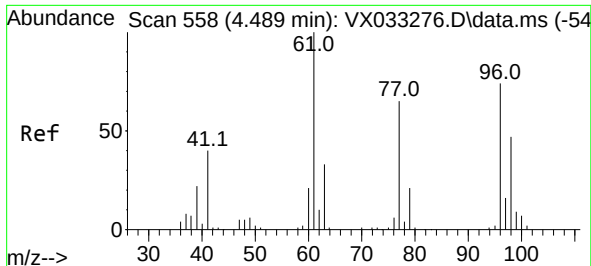
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#26
2,2-Dichloropropane
Concen: 61.781 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

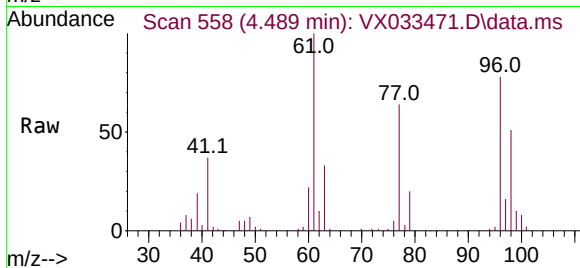
Tgt Ion: 77 Resp: 109074
Ion Ratio Lower Upper
77 100
97 22.7 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 54.591 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. 0.000 min
 Lab File: VX033471.D
 Acq: 19 Dec 2022 09:56

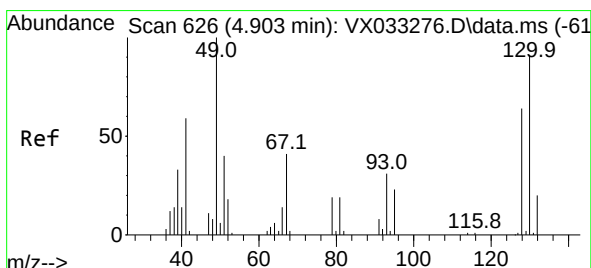
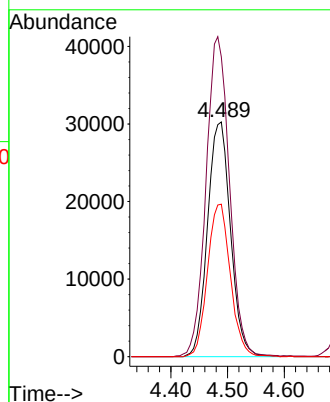
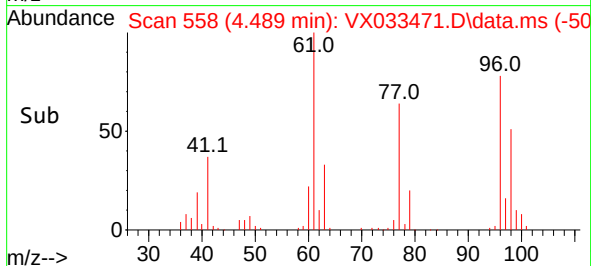
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 85228
 Ion Ratio Lower Upper
 96 100
 61 139.4 0.0 286.0
 98 64.5 0.0 129.6

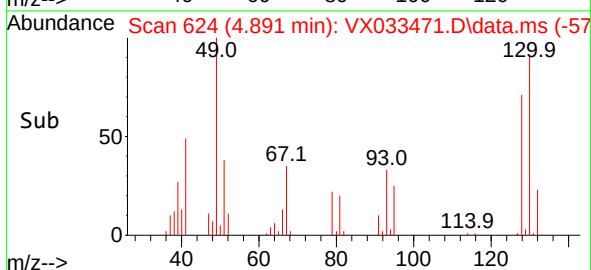
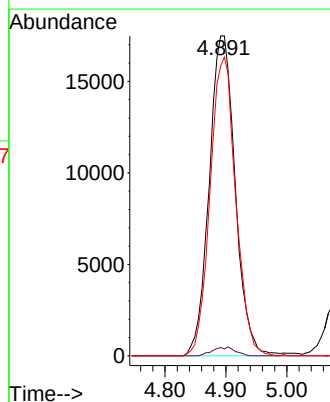
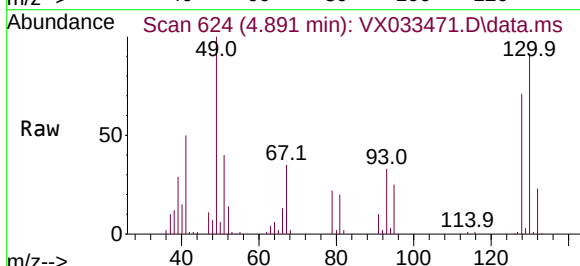
Manual Integrations
 APPROVED

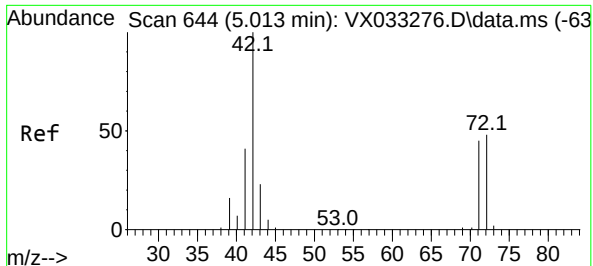
Reviewed By :John Carlone 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022



#28
 Bromochloromethane
 Concen: 51.590 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.012 min
 Lab File: VX033471.D
 Acq: 19 Dec 2022 09:56

Tgt Ion: 49 Resp: 51846
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 3.8
 130 91.8 67.5 101.3





#29

Tetrahydrofuran

Concen: 232.043 ug/l

RT: 5.001 min Scan# 644

Delta R.T. -0.012 min

Lab File: VX033471.D

Acq: 19 Dec 2022 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 13494

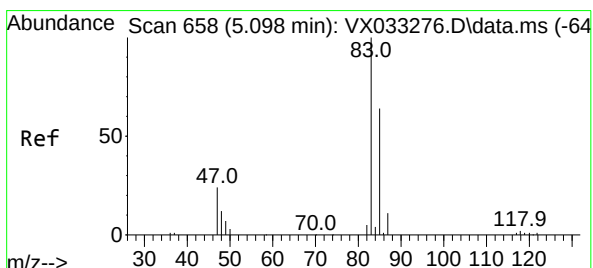
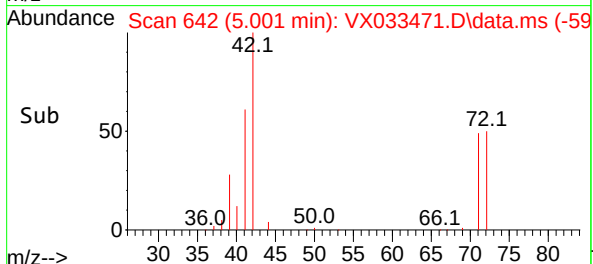
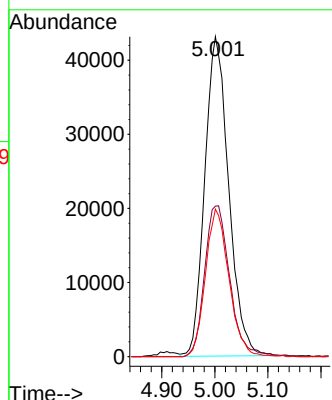
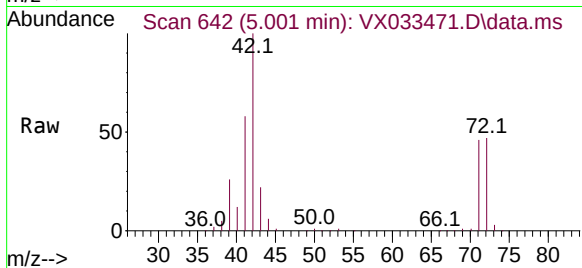
Ion	Ratio	Lower	Upper
42	100		
72	49.5	37.6	56.4
71	45.4	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#30

Chloroform

Concen: 55.019 ug/l

RT: 5.086 min Scan# 656

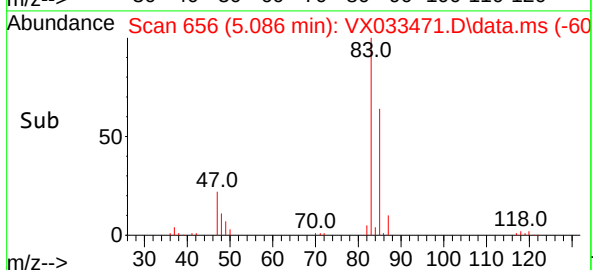
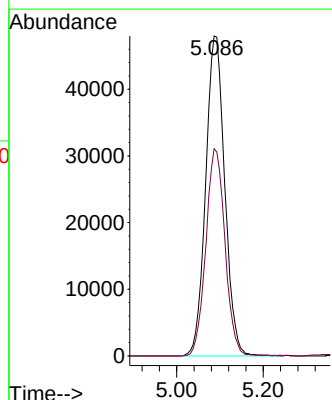
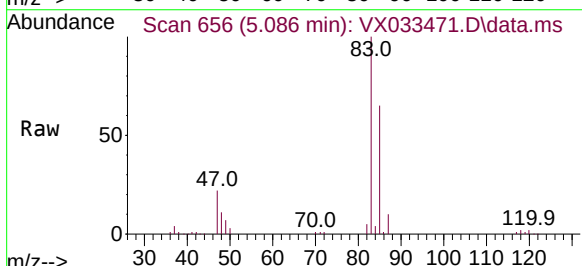
Delta R.T. -0.012 min

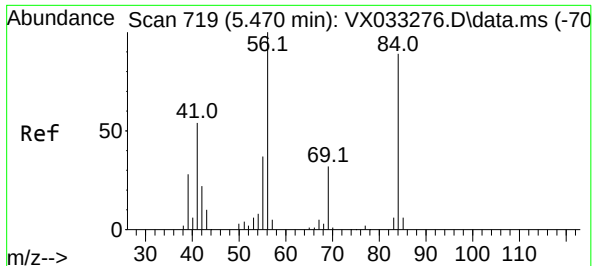
Lab File: VX033471.D

Acq: 19 Dec 2022 09:56

Tgt Ion: 83 Resp: 146638

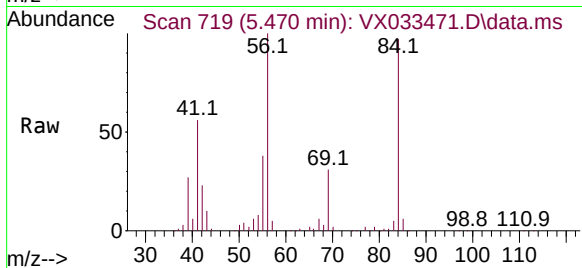
Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.1	76.7





#31
Cyclohexane
Concen: 54.548 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

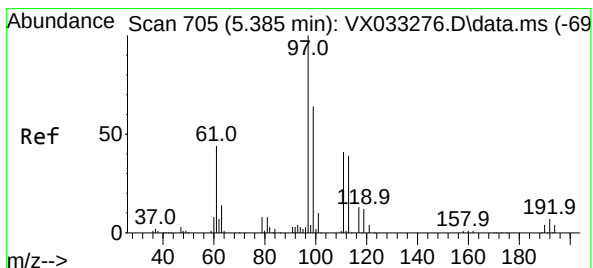
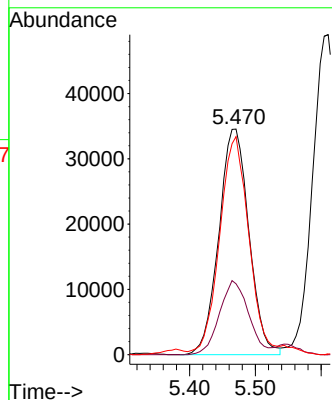
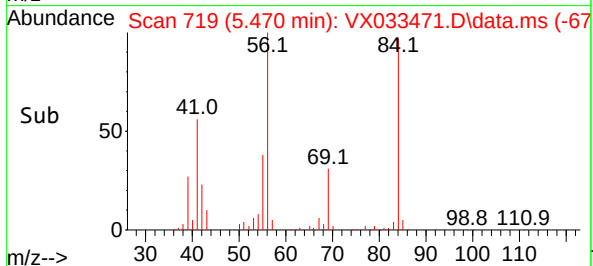
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



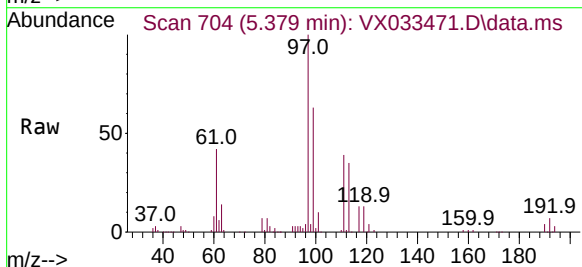
Tgt Ion: 56 Resp: 109552
Ion Ratio Lower Upper
56 100
69 31.4 24.1 36.1
84 94.7 66.9 100.3

Manual Integrations
APPROVED

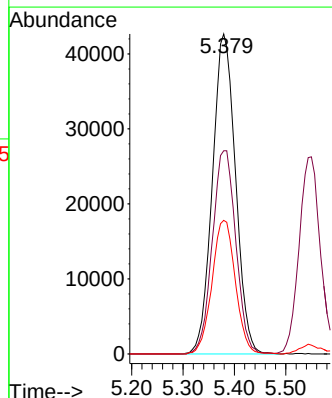
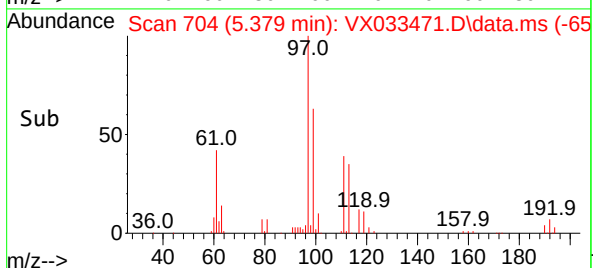
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

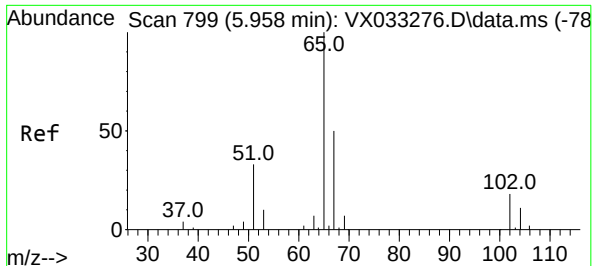


#32
1,1,1-Trichloroethane
Concen: 58.181 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56



Tgt Ion: 97 Resp: 133419
Ion Ratio Lower Upper
97 100
99 64.6 51.4 77.0
61 42.1 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 45.990 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX033471.D

Acq: 19 Dec 2022 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 3886

Ion Ratio Lower Upper

65 100

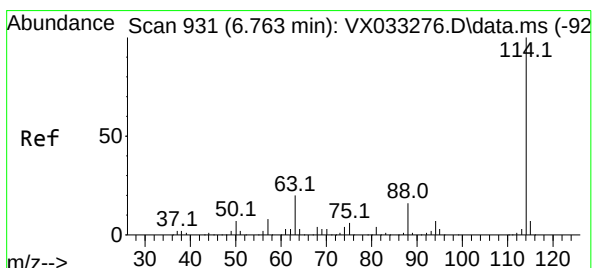
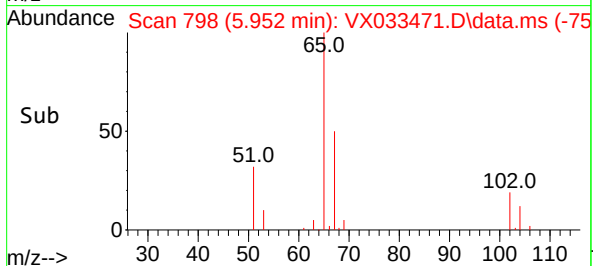
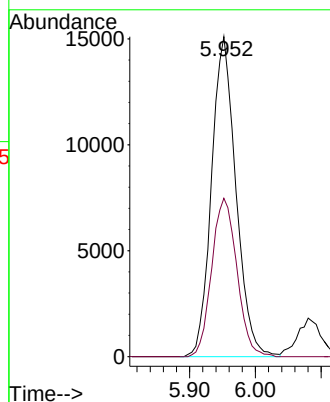
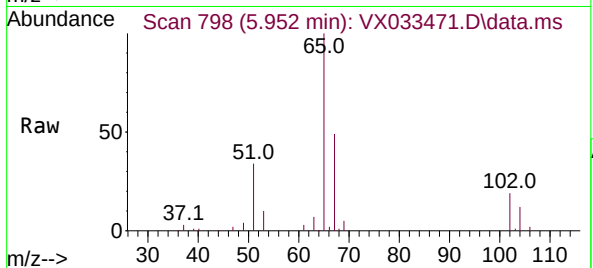
67 51.0 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX033471.D

Acq: 19 Dec 2022 09:56

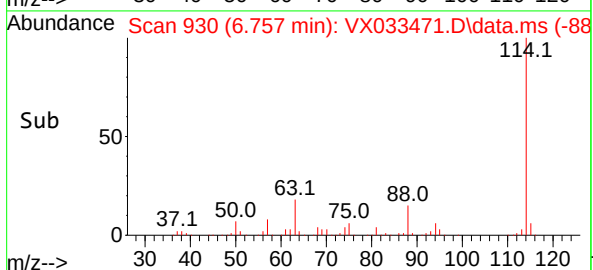
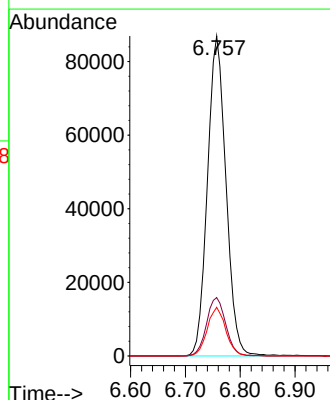
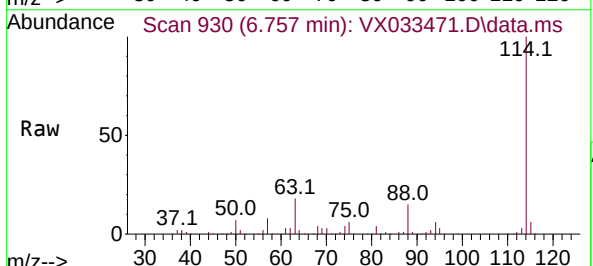
Tgt Ion:114 Resp: 204124

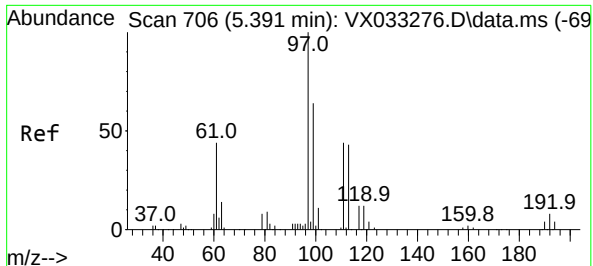
Ion Ratio Lower Upper

114 100

63 18.2 0.0 41.6

88 15.2 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.101 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX033471.D

Acq: 19 Dec 2022 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 45998

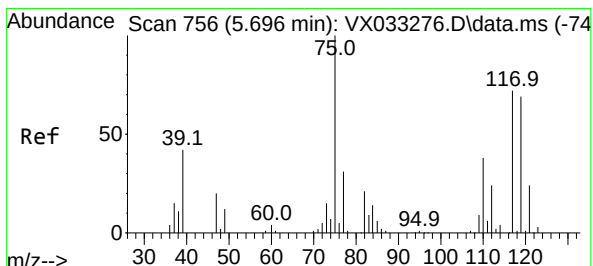
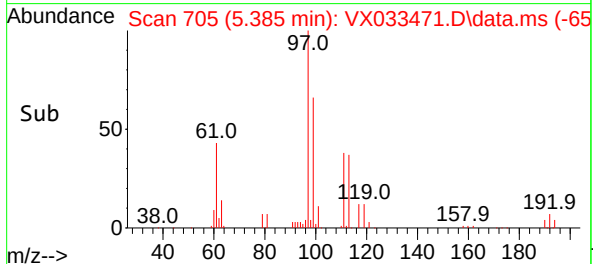
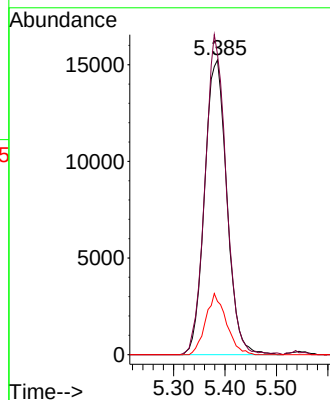
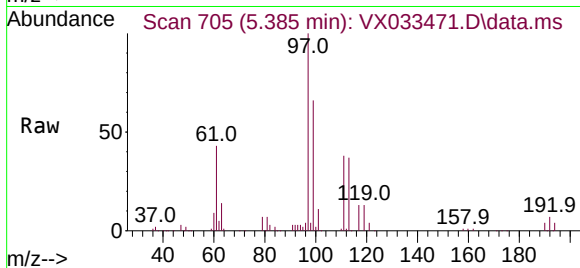
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.4	123.6
192	19.2	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#36

1,1-Dichloropropene

Concen: 57.667 ug/l

RT: 5.690 min Scan# 755

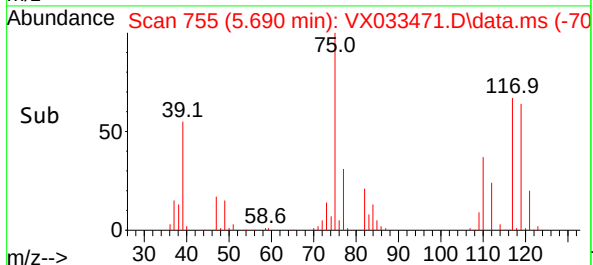
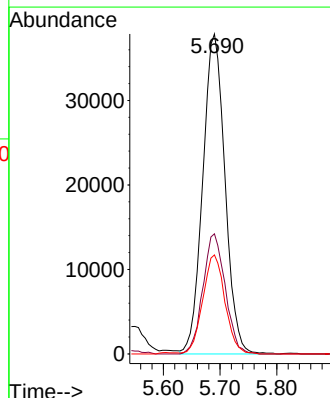
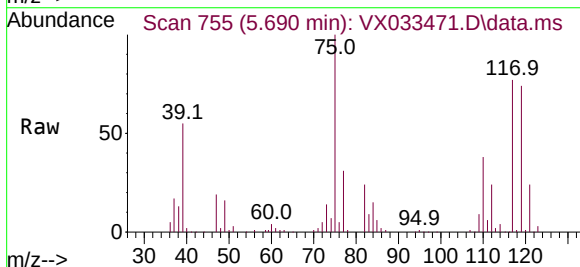
Delta R.T. -0.006 min

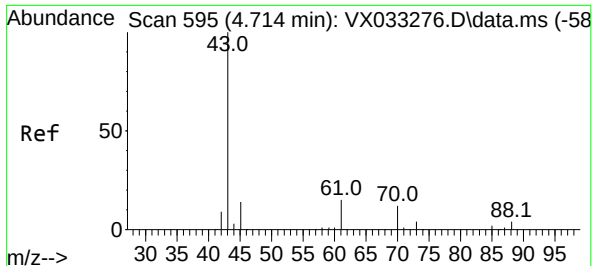
Lab File: VX033471.D

Acq: 19 Dec 2022 09:56

Tgt Ion: 75 Resp: 103224

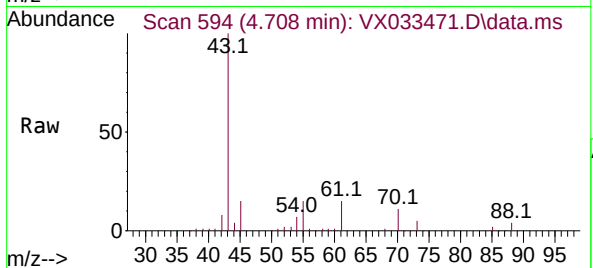
Ion	Ratio	Lower	Upper
75	100		
110	37.7	18.4	55.2
77	30.8	24.5	36.7





#37
Ethyl Acetate
Concen: 50.261 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

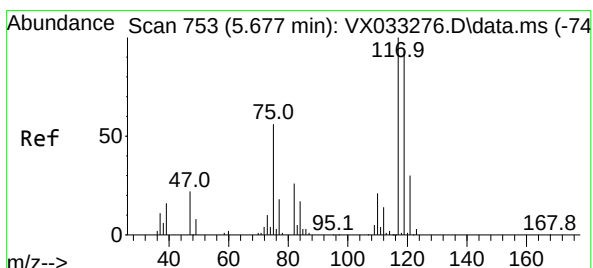
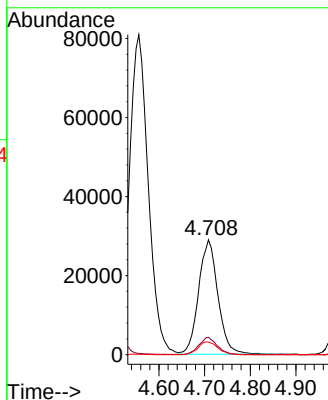
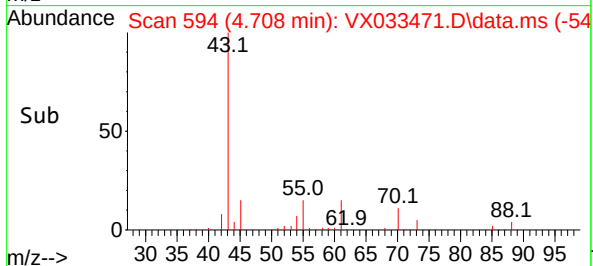
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 85045
Ion Ratio Lower Upper
43 100
61 14.4 11.5 17.3
70 11.3 9.1 13.7

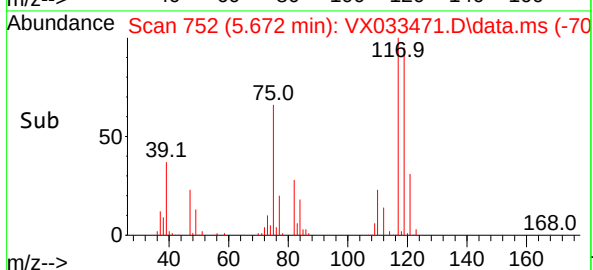
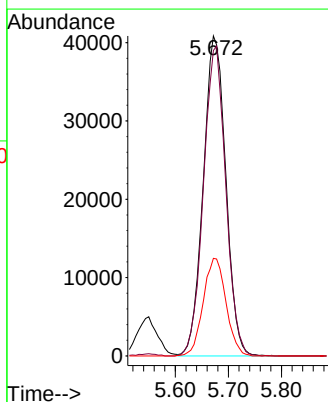
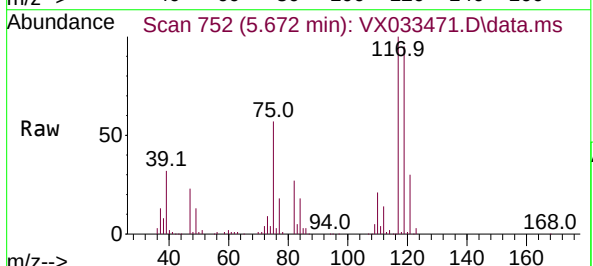
Manual Integrations
APPROVED

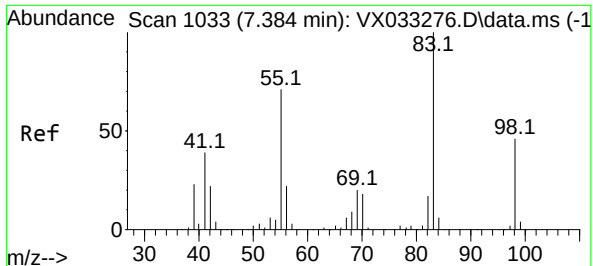
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#38
Carbon Tetrachloride
Concen: 60.135 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

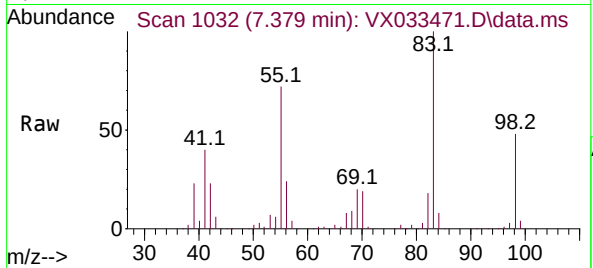
Tgt Ion:117 Resp: 120603
Ion Ratio Lower Upper
117 100
119 95.4 77.2 115.8
121 30.5 25.8 38.6





#39
Methylcyclohexane
Concen: 59.571 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

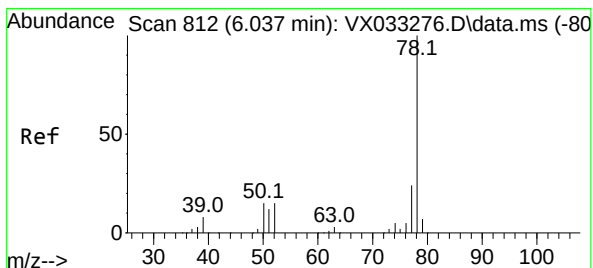
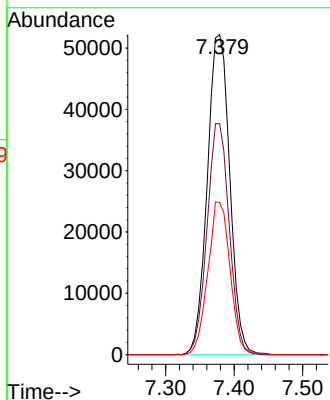
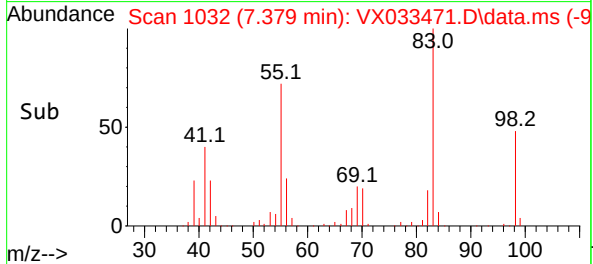
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 119354
Ion Ratio Lower Upper
83 100
55 72.2 58.4 87.6
98 47.5 37.2 55.8

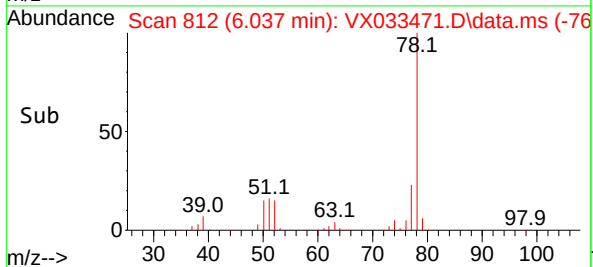
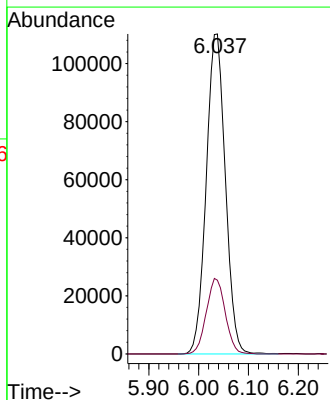
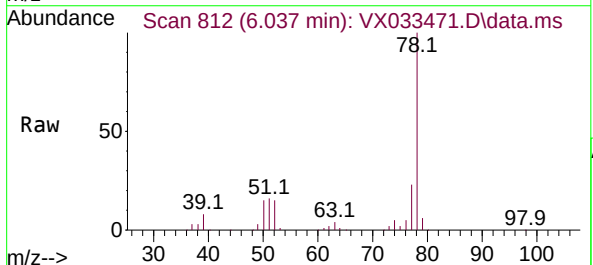
Manual Integrations
APPROVED

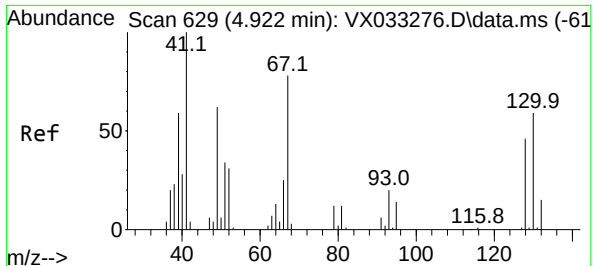
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#40
Benzene
Concen: 56.191 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

Tgt Ion: 78 Resp: 293265
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.4





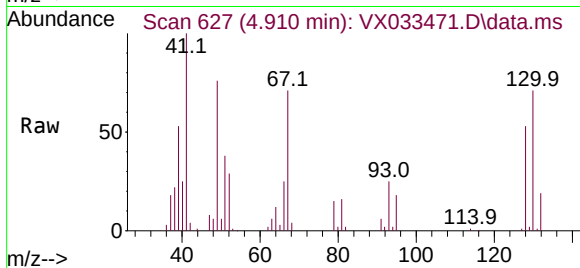
#41
Methacrylonitrile
Concen: 52.388 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



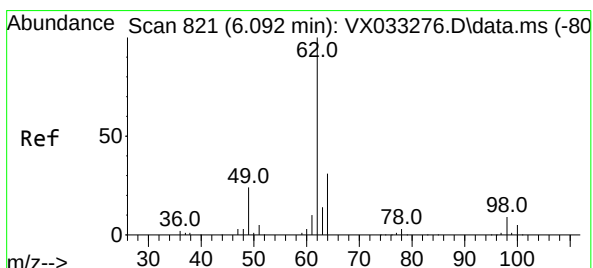
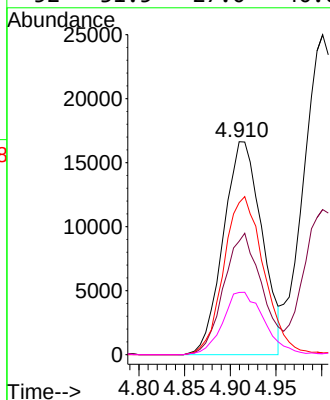
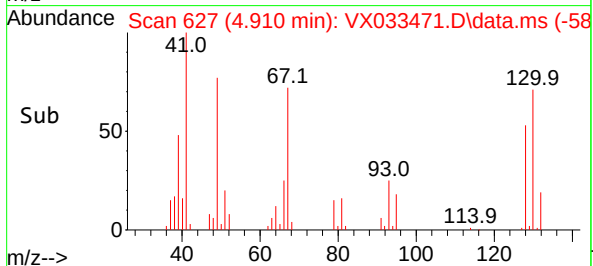
Tgt Ion: 41 Resp: 4884
Ion Ratio Lower Upper
41 100
39 56.9 47.5 71.3
67 77.6 60.5 90.7
52 31.5 27.0 40.6

Manual Integrations

APPROVED

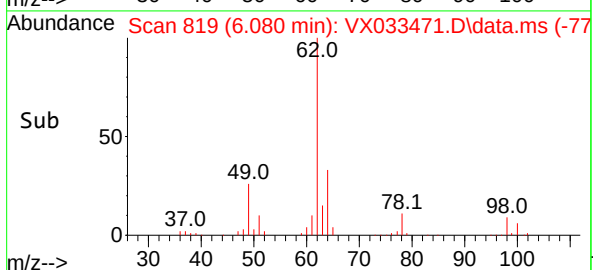
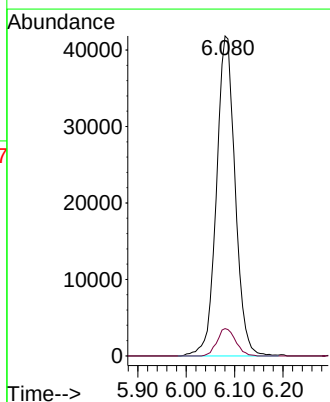
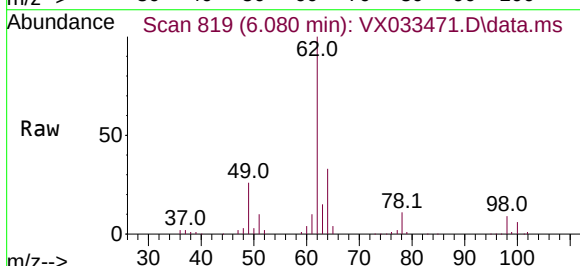
Reviewed By :John Carlone 12/20/2022

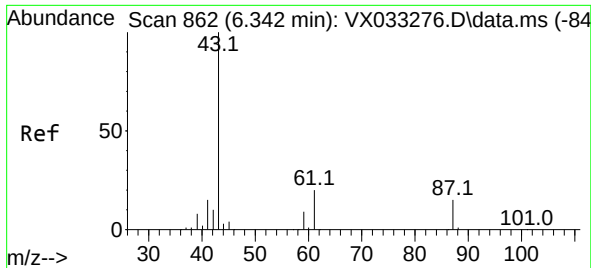
Supervised By :Mahesh Dadoda 12/20/2022



#42
1,2-Dichloroethane
Concen: 54.136 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.012 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

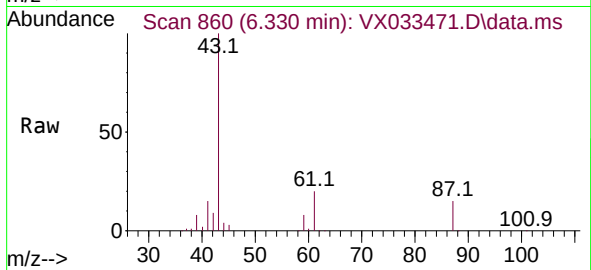
Tgt Ion: 62 Resp: 112196
Ion Ratio Lower Upper
62 100
98 8.5 0.0 16.0





#43
Isopropyl Acetate
Concen: 53.589 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.012 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

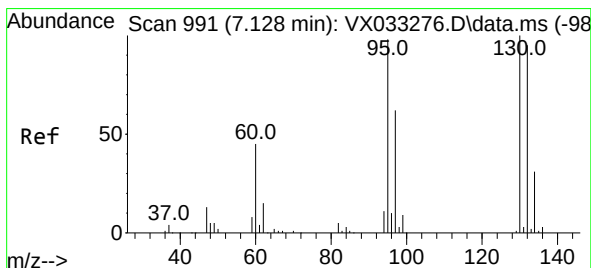
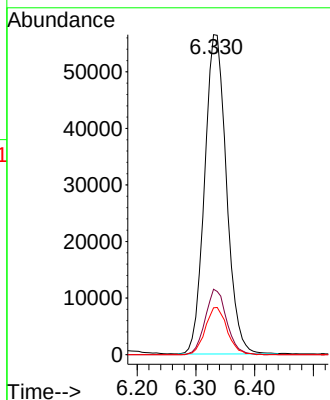
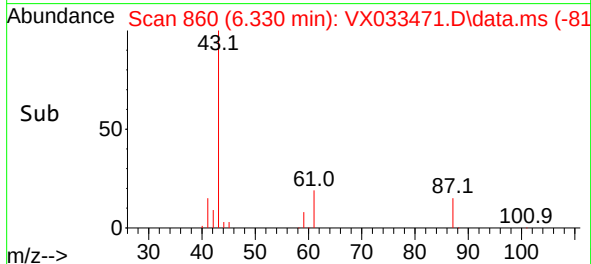
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 145899
Ion Ratio Lower Upper
43 100
61 20.0 15.4 23.0
87 14.7 10.8 16.2

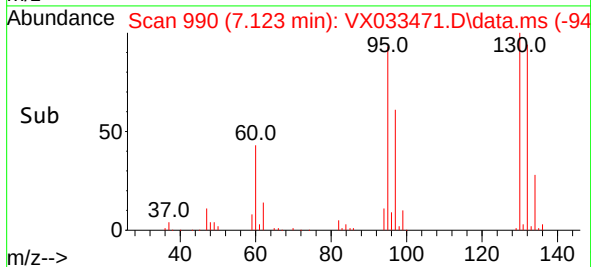
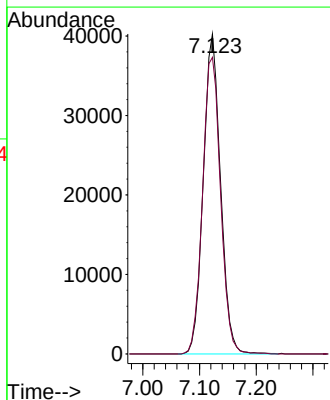
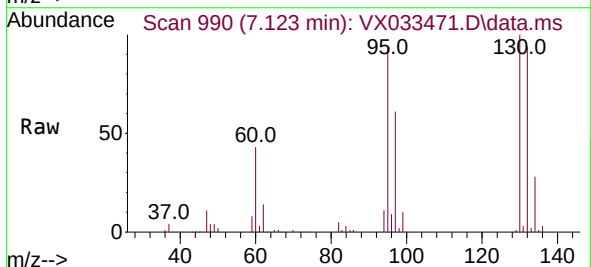
Manual Integrations
APPROVED

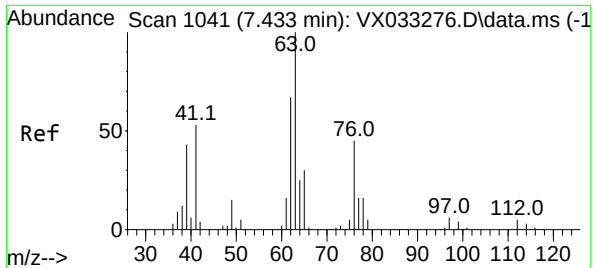
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#44
Trichloroethene
Concen: 58.950 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

Tgt Ion:130 Resp: 84826
Ion Ratio Lower Upper
130 100
95 92.7 0.0 195.2





#45

1,2-Dichloropropane

Concen: 56.264 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX033471.D

Acq: 19 Dec 2022 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 75098

Ion Ratio Lower Upper

63 100

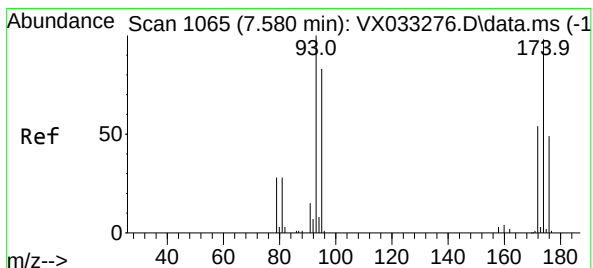
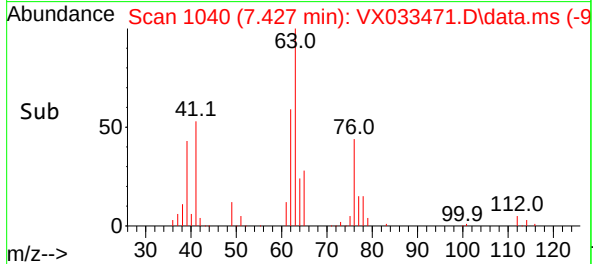
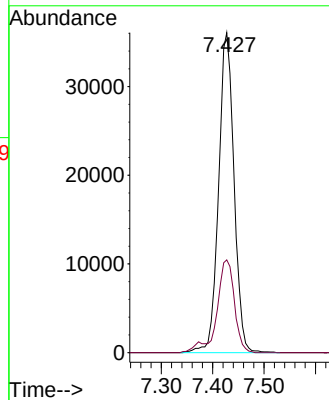
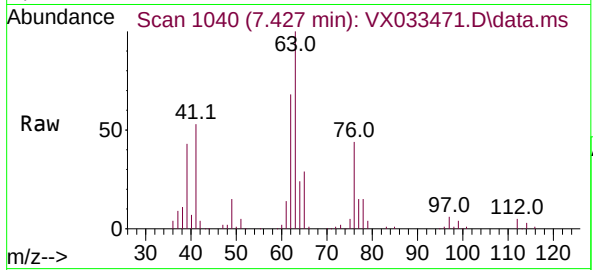
65 29.0 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#46

Dibromomethane

Concen: 55.580 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033471.D

Acq: 19 Dec 2022 09:56

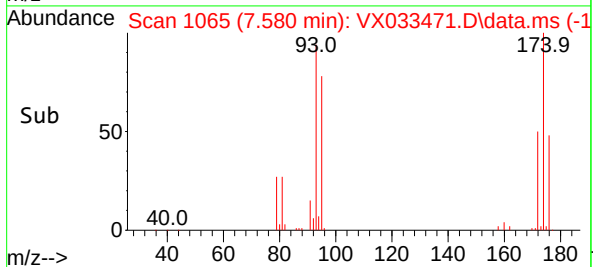
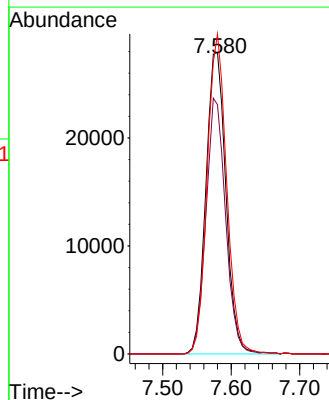
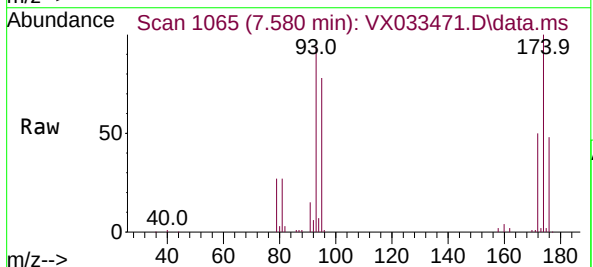
Tgt Ion: 93 Resp: 56513

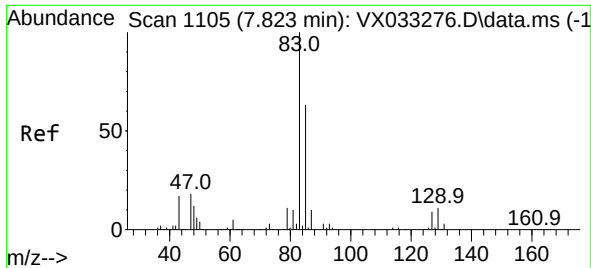
Ion Ratio Lower Upper

93 100

95 82.9 65.8 98.8

174 102.9 79.8 119.6





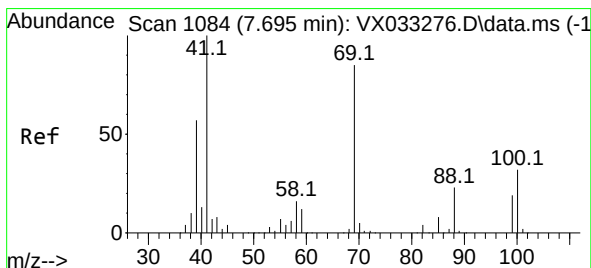
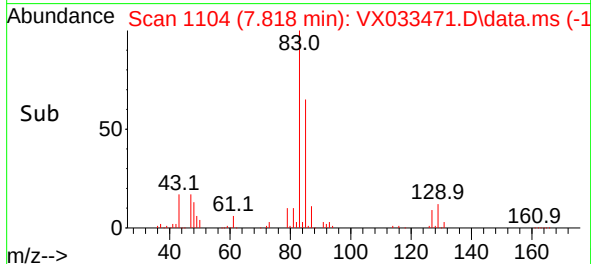
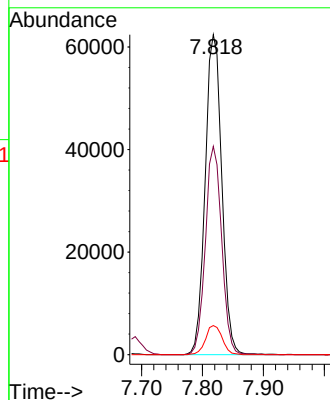
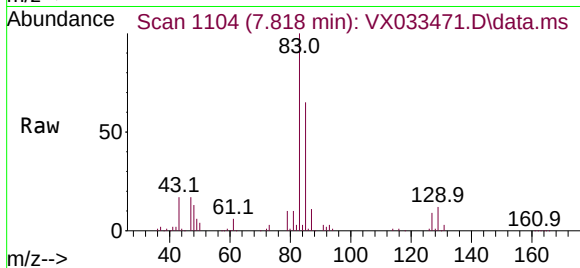
#47
Bromodichloromethane
Concen: 59.531 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 117991
Ion Ratio Lower Upper
83 100
85 65.1 52.2 78.4
127 9.1 7.4 11.2

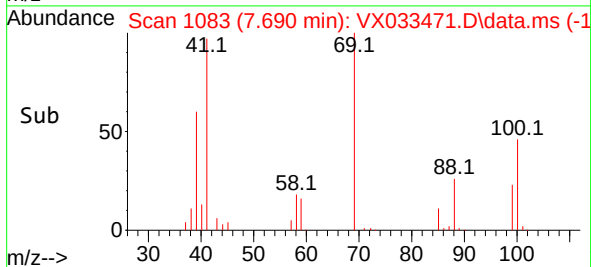
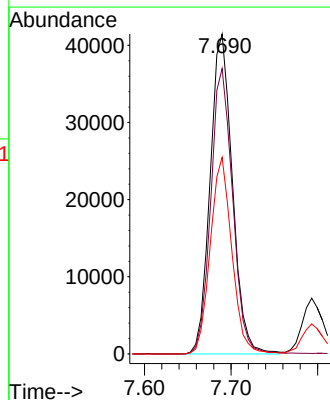
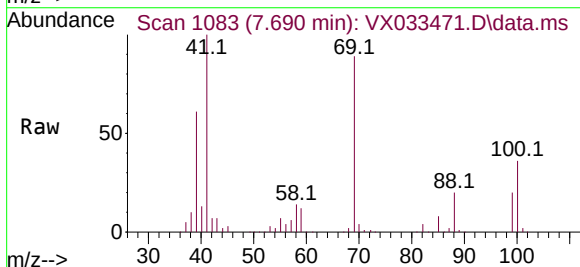
Manual Integrations
APPROVED

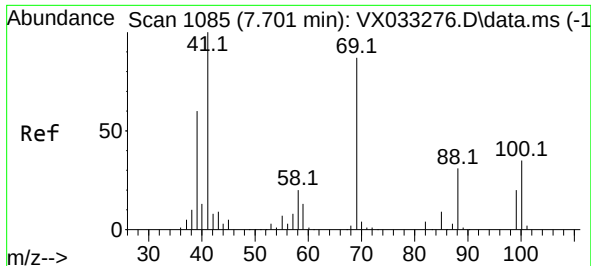
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#48
Methyl methacrylate
Concen: 52.771 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

Tgt Ion: 41 Resp: 74149
Ion Ratio Lower Upper
41 100
69 87.9 65.1 97.7
39 59.5 51.9 77.9





#49

1,4-Dioxane

Concen: 951.093 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. 0.000 min

Lab File: VX033471.D

Acq: 19 Dec 2022 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 30474

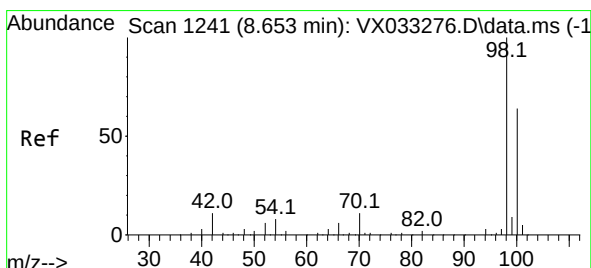
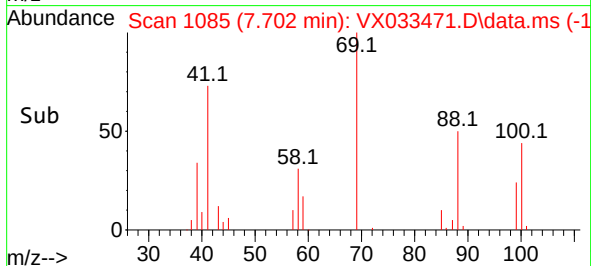
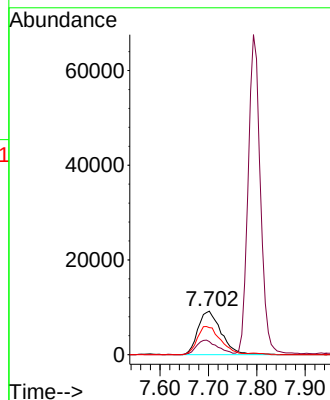
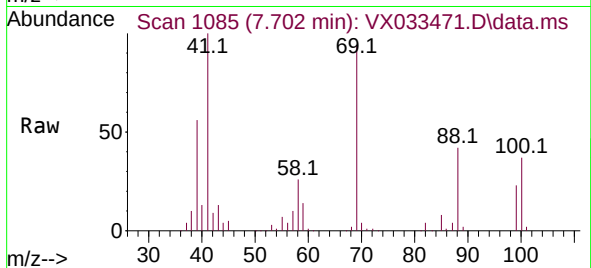
Ion	Ratio	Lower	Upper
88	100		
43	30.7	26.6	39.8
58	64.9	51.7	77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#50

Toluene-d8

Concen: 50.898 ug/l

RT: 8.647 min Scan# 1240

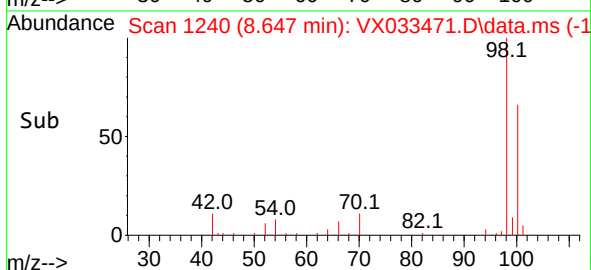
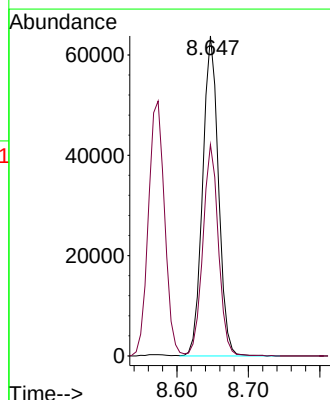
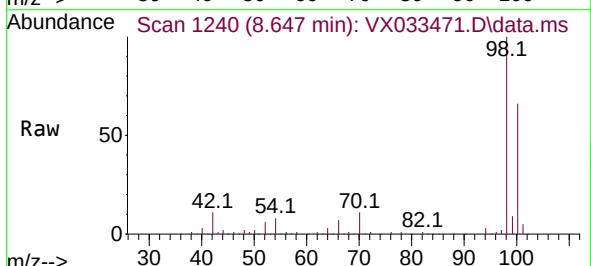
Delta R.T. -0.006 min

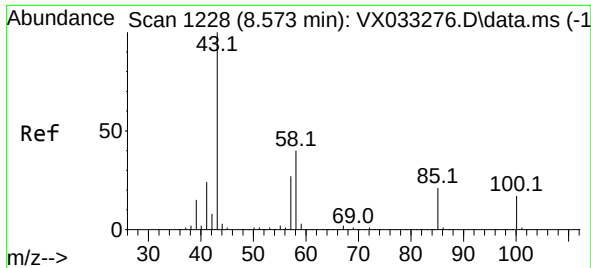
Lab File: VX033471.D

Acq: 19 Dec 2022 09:56

Tgt Ion: 98 Resp: 97756

Ion	Ratio	Lower	Upper
98	100		
100	65.0	50.9	76.3





#51
4-Methyl-2-Pentanone
Concen: 265.127 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

Instrument :

MSVOA_X

ClientSampleId :

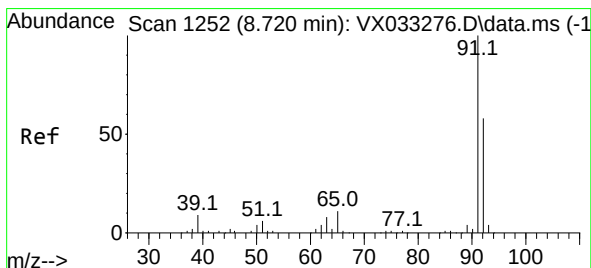
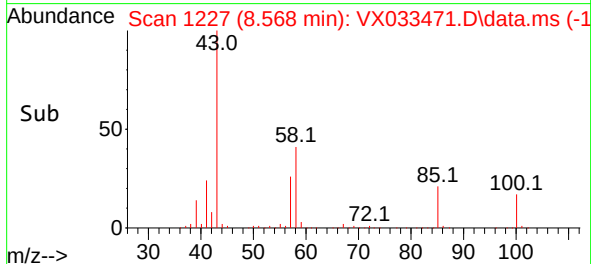
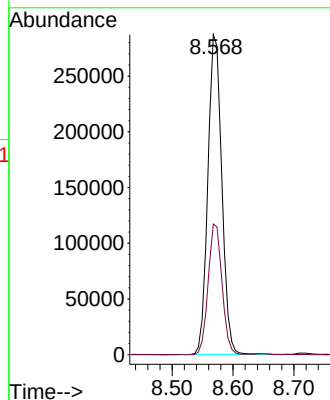
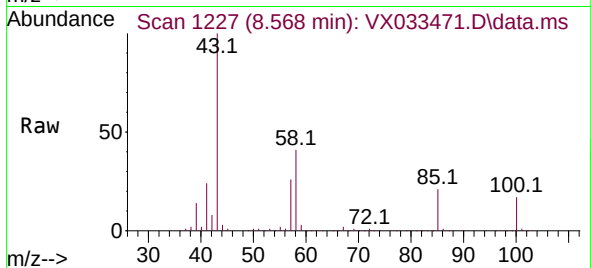
VSTDCCC050

Tgt Ion: 43 Resp: 456468
Ion Ratio Lower Upper
43 100
58 40.6 30.9 46.3

Manual Integrations

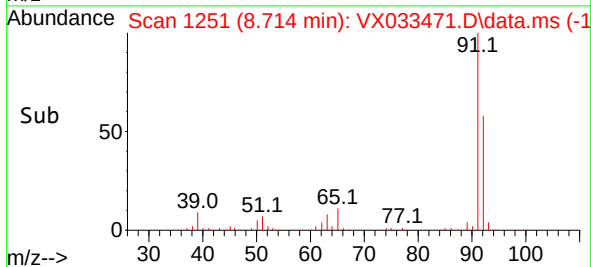
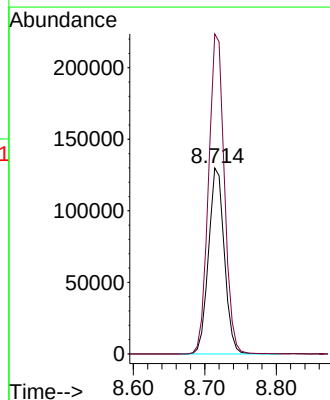
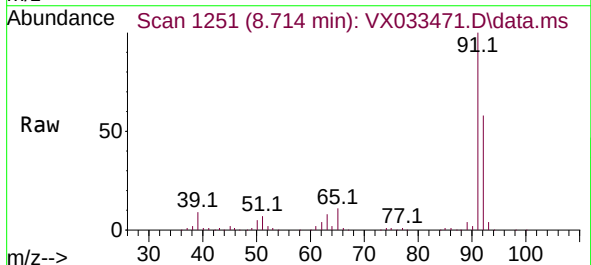
APPROVED

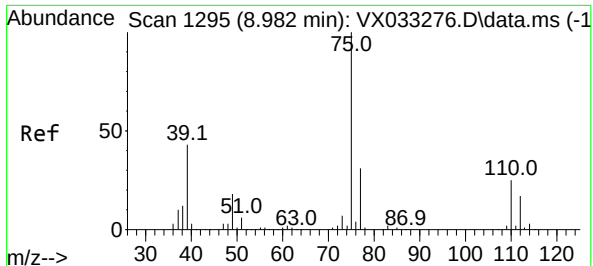
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#52
Toluene
Concen: 59.149 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

Tgt Ion: 92 Resp: 199593
Ion Ratio Lower Upper
92 100
91 172.9 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 56.017 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX033471.D

Acq: 19 Dec 2022 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 119948

Ion Ratio Lower Upper

75 100

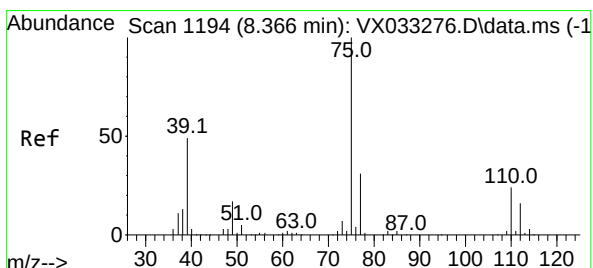
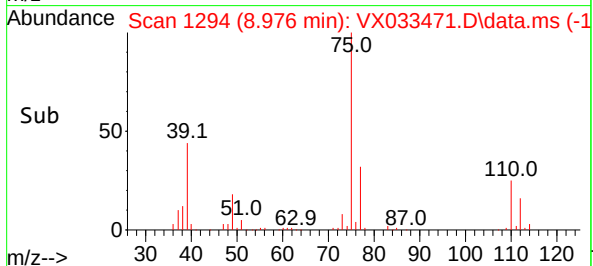
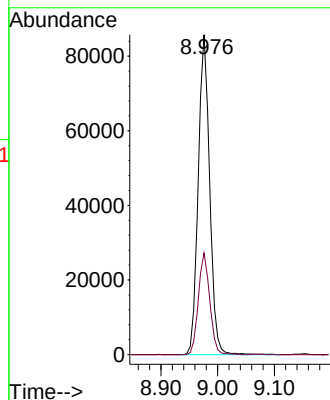
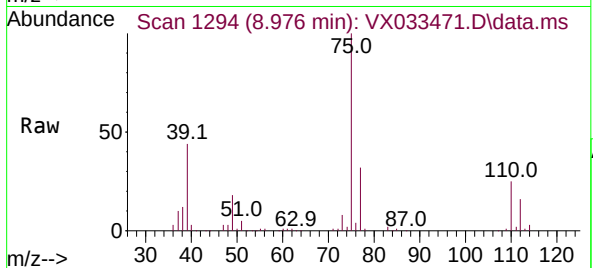
77 31.8 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#54

cis-1,3-Dichloropropene

Concen: 60.271 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX033471.D

Acq: 19 Dec 2022 09:56

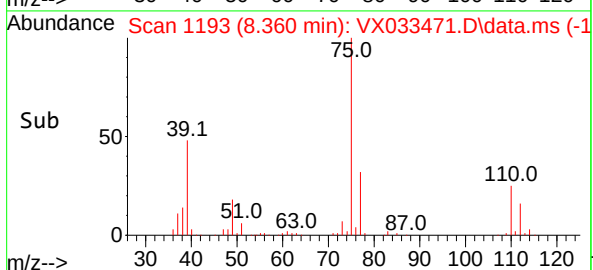
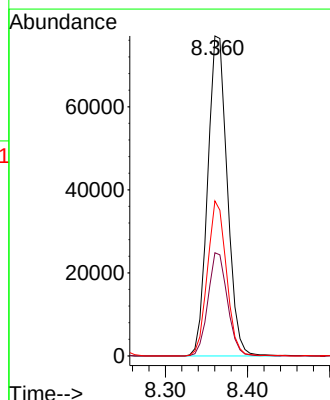
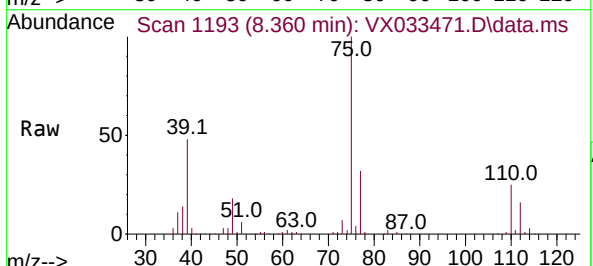
Tgt Ion: 75 Resp: 127118

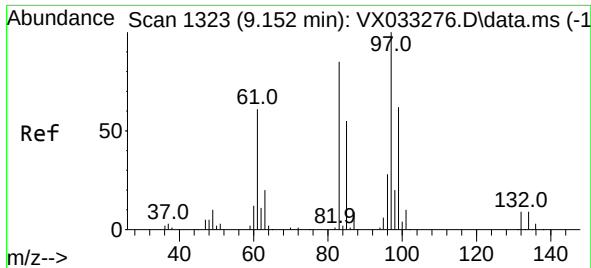
Ion Ratio Lower Upper

75 100

77 32.2 25.1 37.7

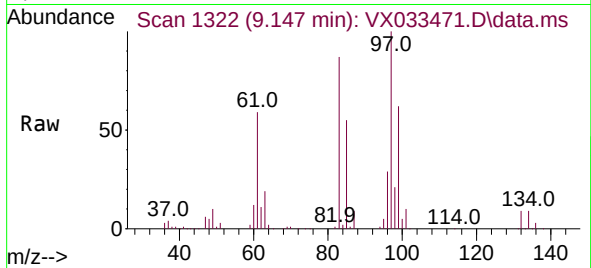
39 48.4 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 58.032 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

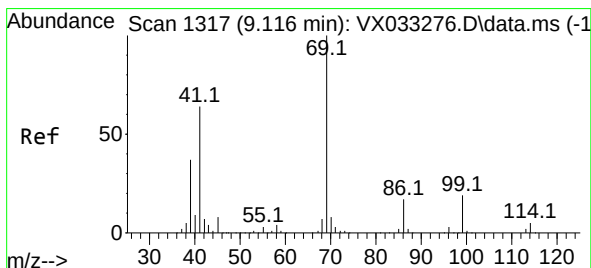
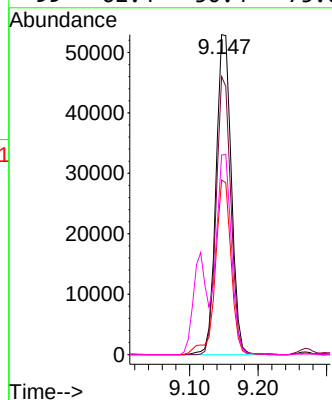
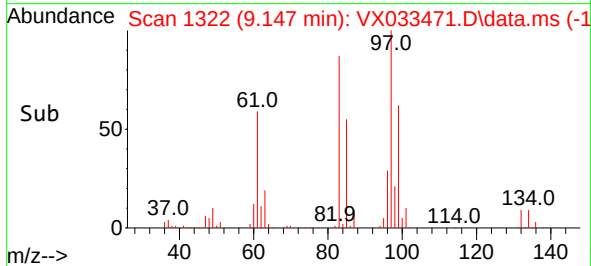
Instrument : MSVOA_X
ClientSampleId : VSTDCCC050



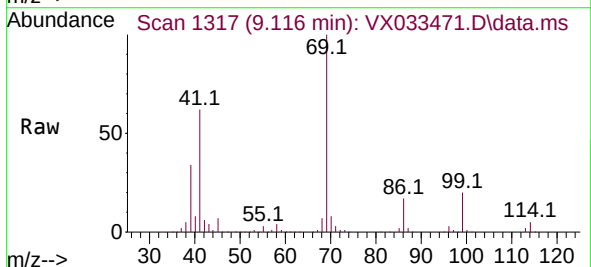
Tgt Ion: 97 Resp: 82316
Ion Ratio Lower Upper
97 100
83 86.9 68.1 102.1
85 54.6 43.3 64.9
99 62.4 50.4 75.6

Manual Integrations
APPROVED

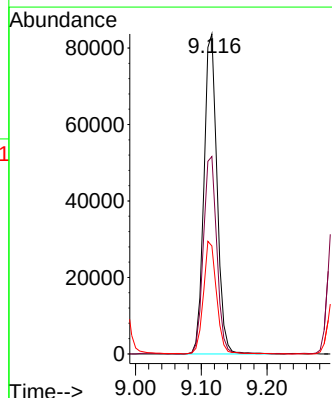
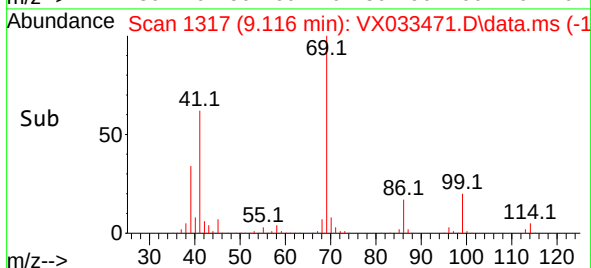
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

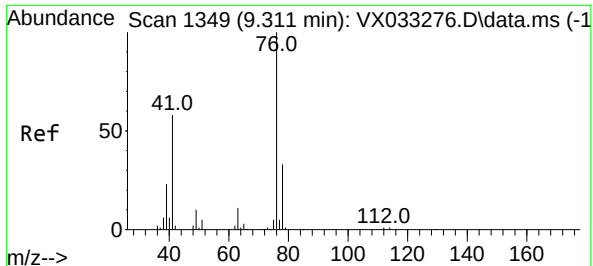


#56
Ethyl methacrylate
Concen: 57.962 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56



Tgt Ion: 69 Resp: 115757
Ion Ratio Lower Upper
69 100
41 63.5 54.3 81.5
39 35.5 35.2 52.8





#57

1,3-Dichloropropane

Concen: 57.226 ug/l

RT: 9.305 min Scan# 1349

Delta R.T. -0.006 min

Lab File: VX033471.D

Acq: 19 Dec 2022 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 130398

Ion Ratio Lower Upper

76 100

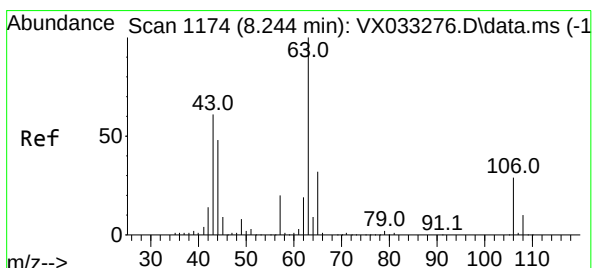
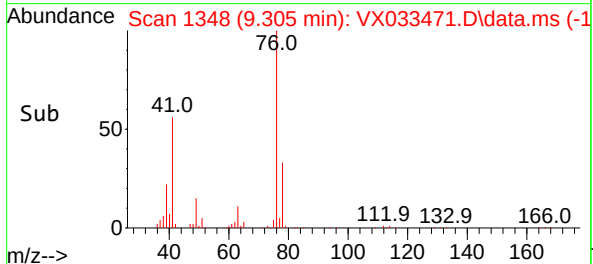
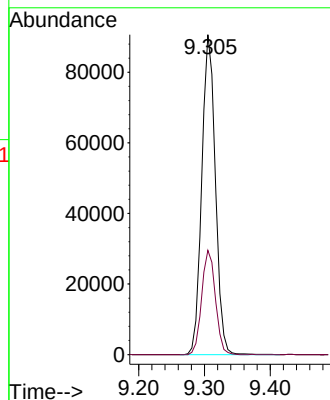
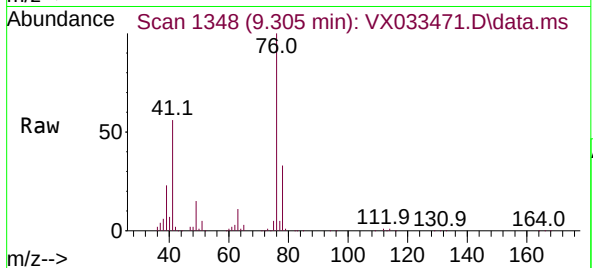
78 32.7 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#58

2-Chloroethyl Vinyl ether

Concen: 303.620 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX033471.D

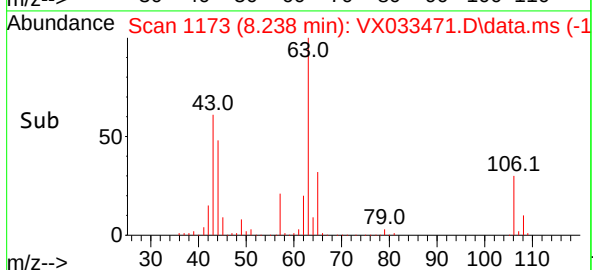
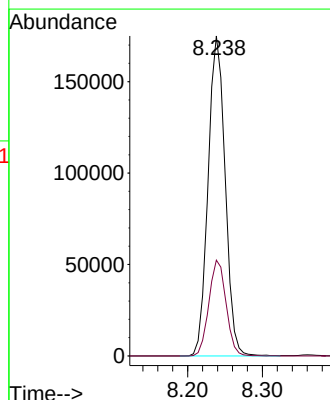
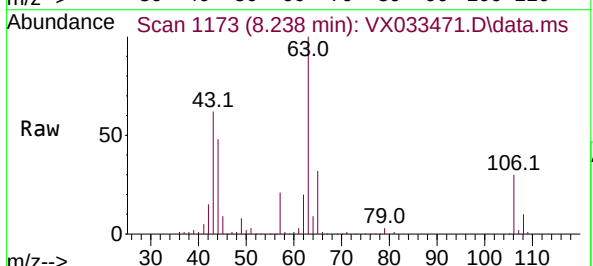
Acq: 19 Dec 2022 09:56

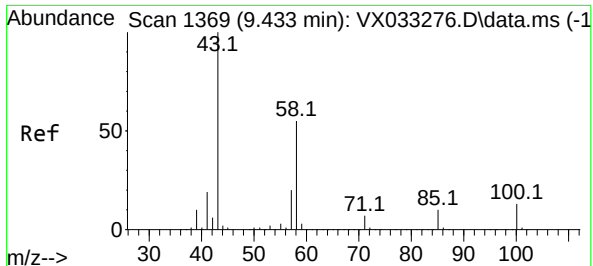
Tgt Ion: 63 Resp: 277452

Ion Ratio Lower Upper

63 100

106 30.0 23.3 34.9





#59

2-Hexanone

Concen: 285.797 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX033471.D

Acq: 19 Dec 2022 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 362612

Ion Ratio Lower Upper

43 100

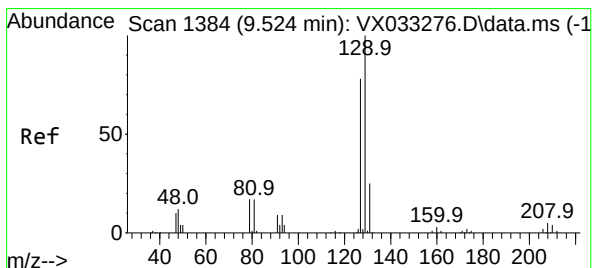
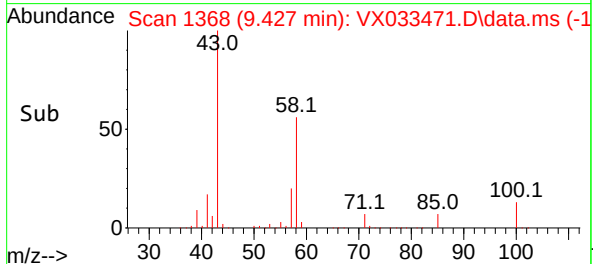
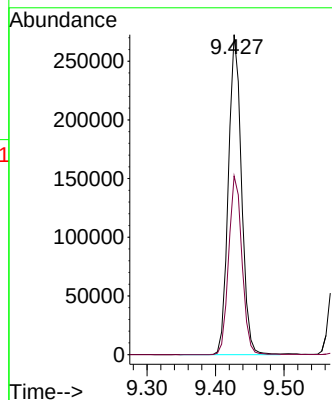
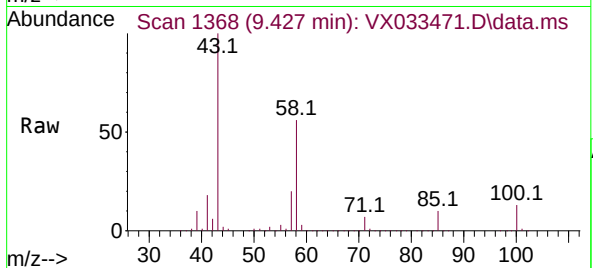
58 56.7 26.5 79.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#60

Dibromochloromethane

Concen: 61.849 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX033471.D

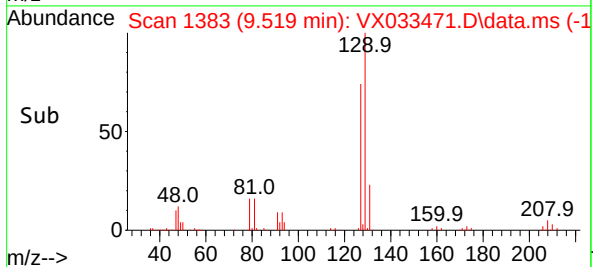
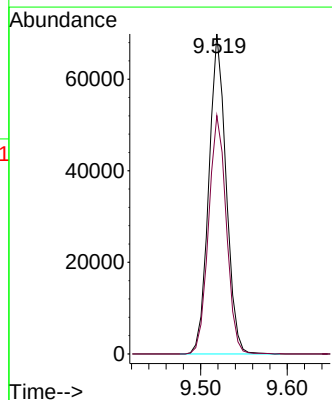
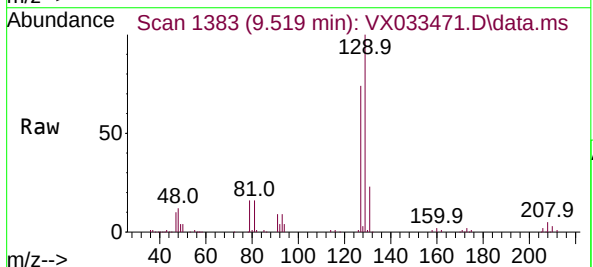
Acq: 19 Dec 2022 09:56

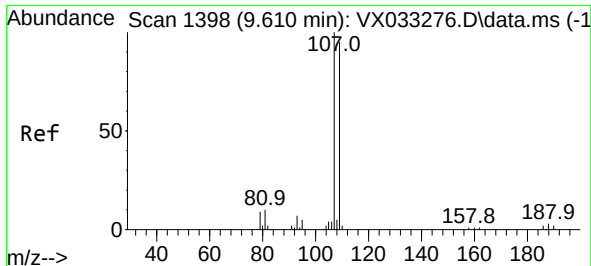
Tgt Ion:129 Resp: 96660

Ion Ratio Lower Upper

129 100

127 76.4 38.6 115.8





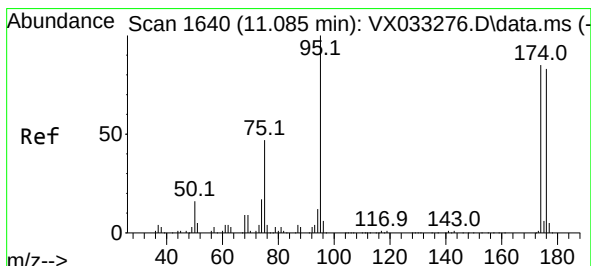
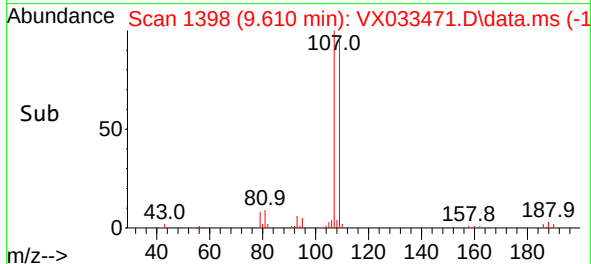
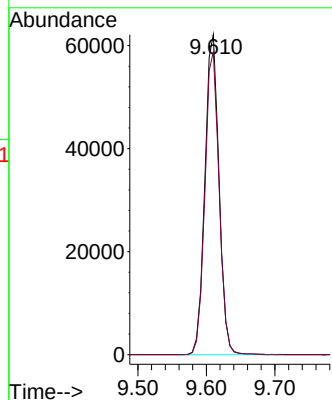
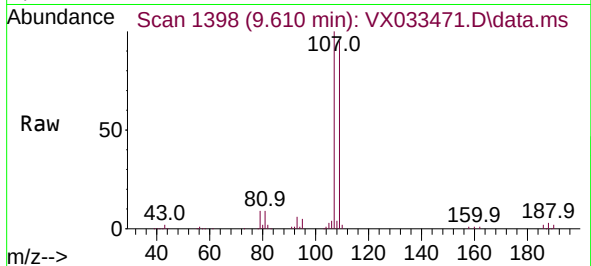
#61
1,2-Dibromoethane
Concen: 58.682 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 88539
Ion Ratio Lower Upper
107 100
109 95.0 76.0 114.0

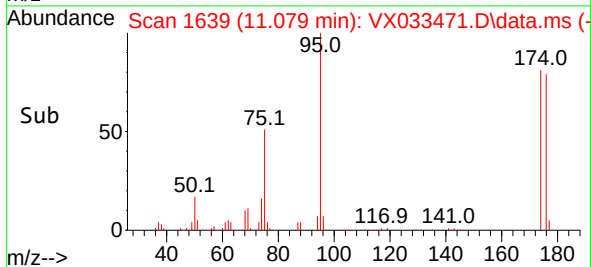
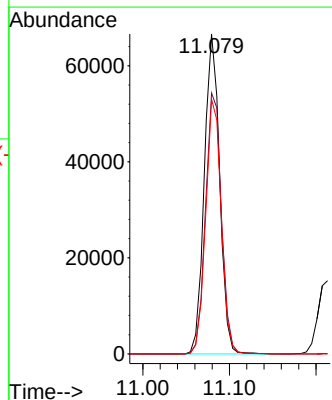
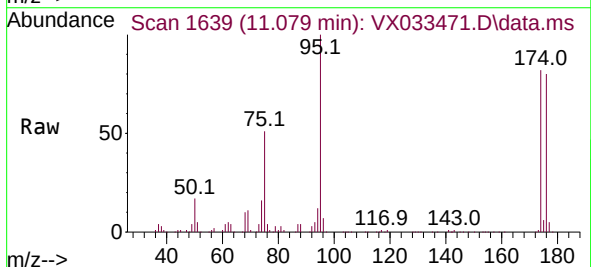
Manual Integrations
APPROVED

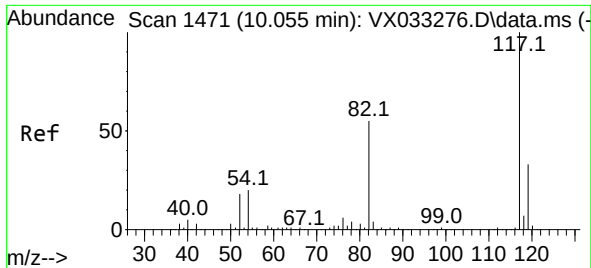
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#62
4-Bromofluorobenzene
Concen: 55.655 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

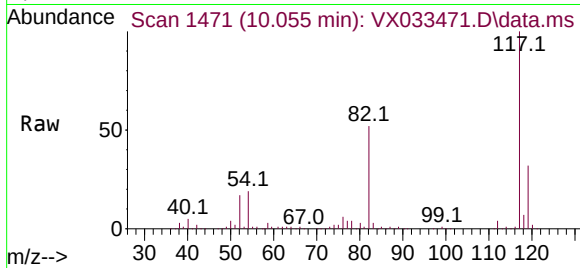
Tgt Ion: 95 Resp: 81732
Ion Ratio Lower Upper
95 100
174 84.7 0.0 164.0
176 80.8 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

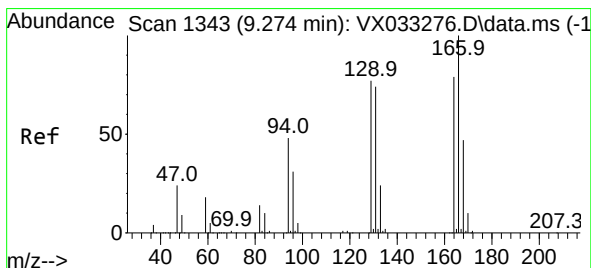
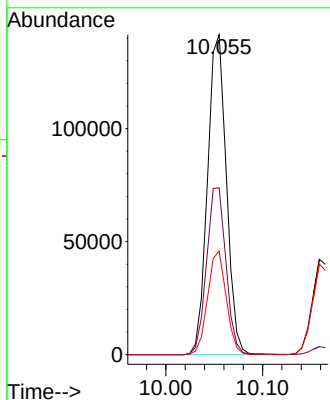
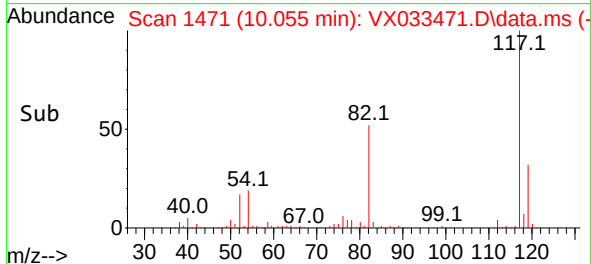
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 191612
Ion Ratio Lower Upper
117 100
82 52.1 44.3 66.5
119 32.3 25.7 38.5

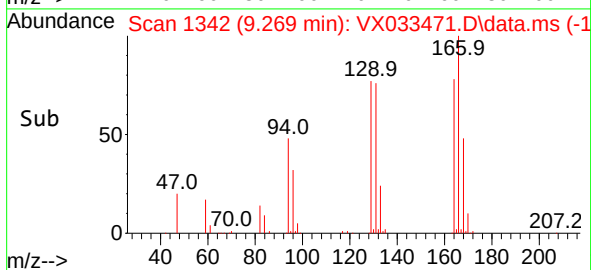
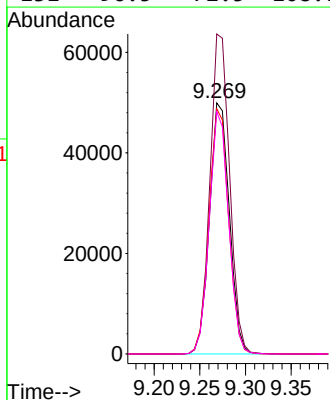
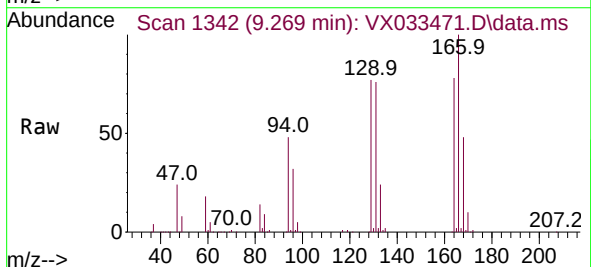
Manual Integrations
APPROVED

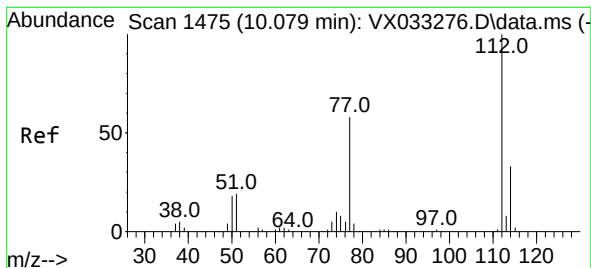
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#64
Tetrachloroethene
Concen: 57.712 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

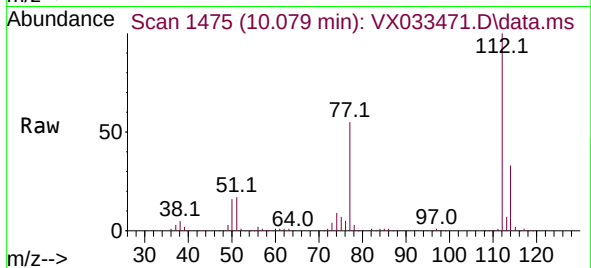
Tgt Ion:164 Resp: 75616
Ion Ratio Lower Upper
164 100
166 127.5 105.4 158.2
129 97.6 78.2 117.2
131 96.5 72.5 108.7





#65
Chlorobenzene
Concen: 57.352 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

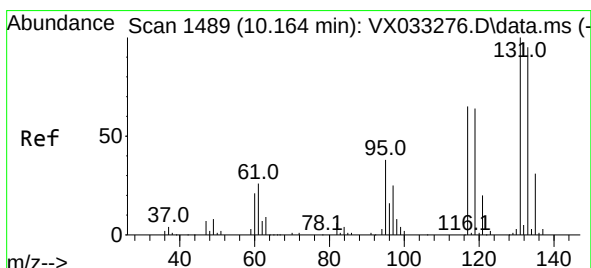
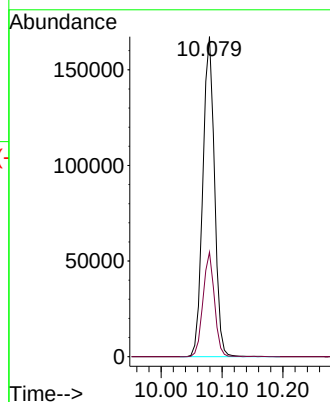
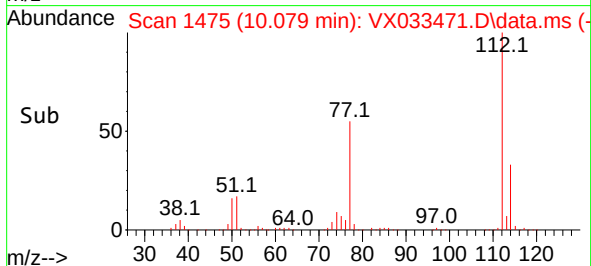
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



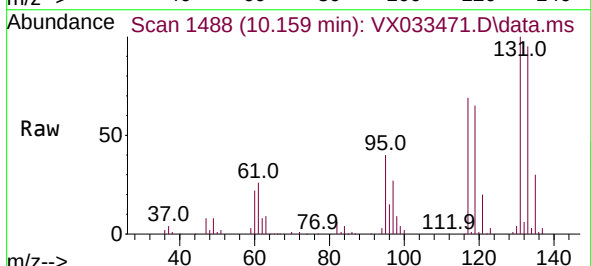
Tgt Ion:112 Resp: 22253
Ion Ratio Lower Upper
112 100
114 32.6 25.4 38.2

Manual Integrations
APPROVED

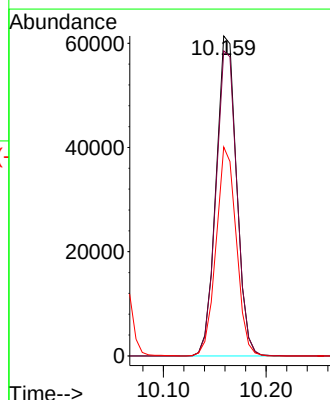
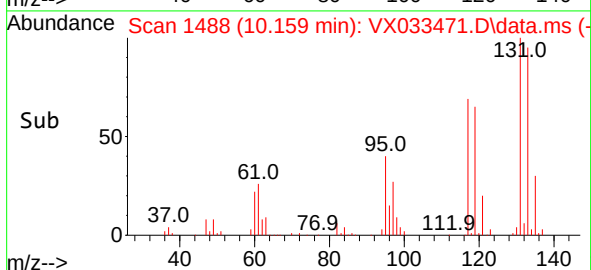
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

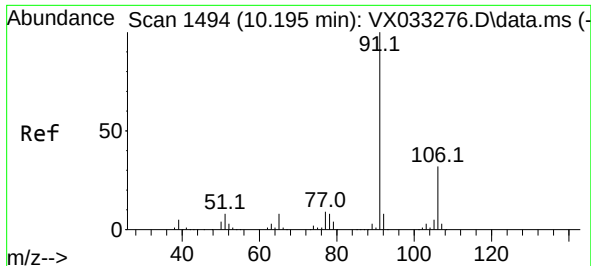


#66
1,1,1,2-Tetrachloroethane
Concen: 58.193 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56



Tgt Ion:131 Resp: 85331
Ion Ratio Lower Upper
131 100
133 97.0 47.6 142.9
119 64.4 32.4 97.0





#67

Ethyl Benzene

Concen: 59.822 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX033471.D

Acq: 19 Dec 2022 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 404383

Ion Ratio Lower Upper

91 100

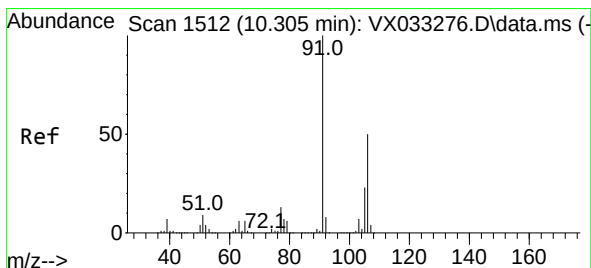
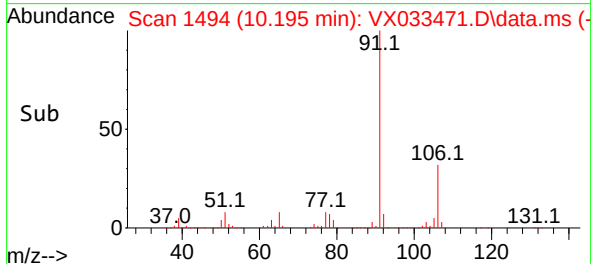
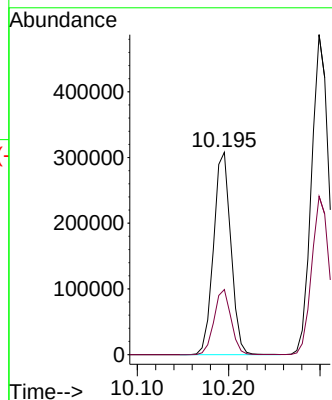
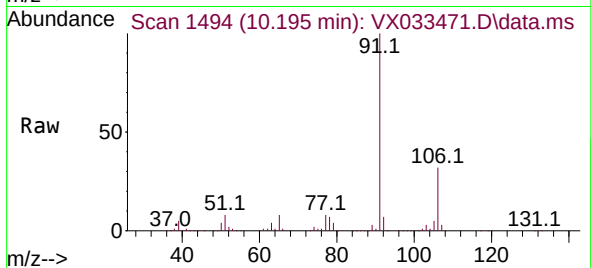
106 32.2 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#68

m/p-Xylenes

Concen: 121.581 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX033471.D

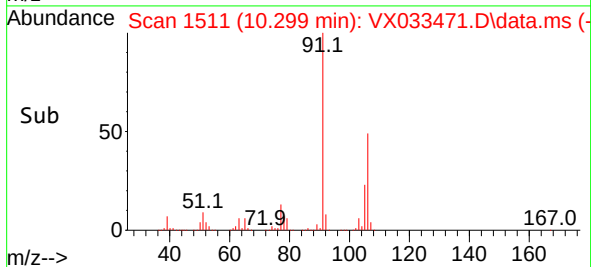
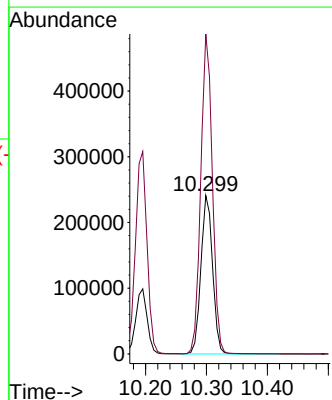
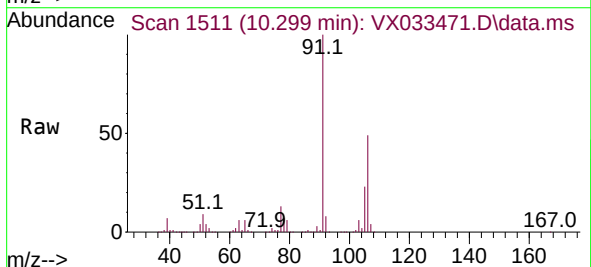
Acq: 19 Dec 2022 09:56

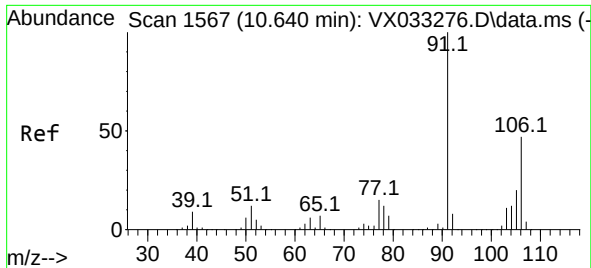
Tgt Ion:106 Resp: 319761

Ion Ratio Lower Upper

106 100

91 201.0 164.5 246.7





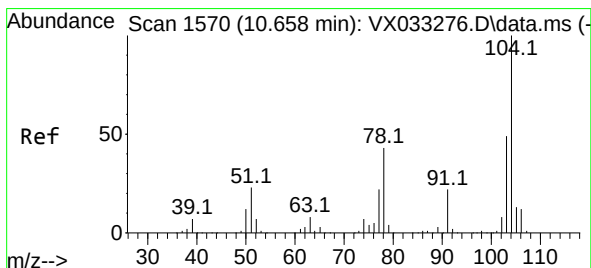
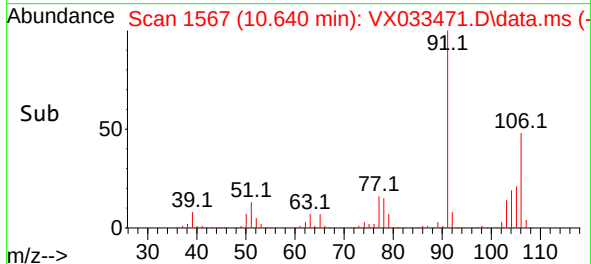
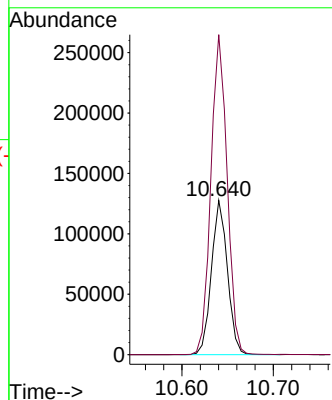
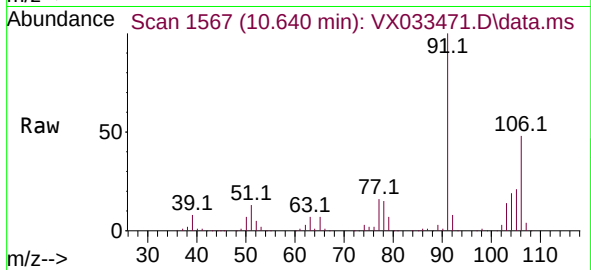
#69
o-Xylene
Concen: 59.716 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 155240
Ion Ratio Lower Upper
106 100
91 211.2 109.2 327.6

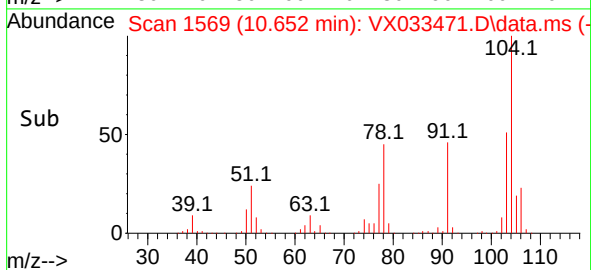
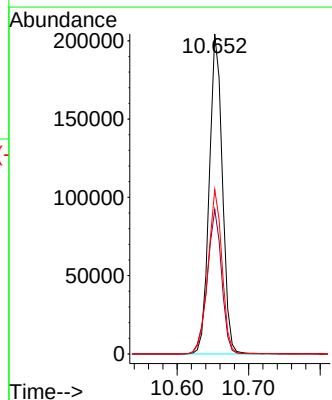
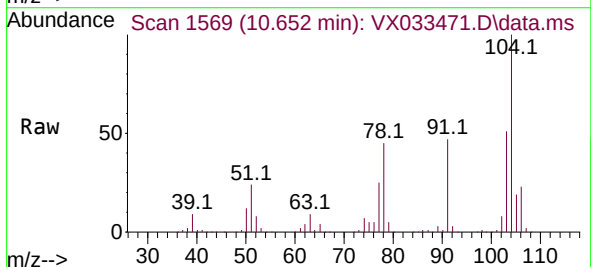
Manual Integrations
APPROVED

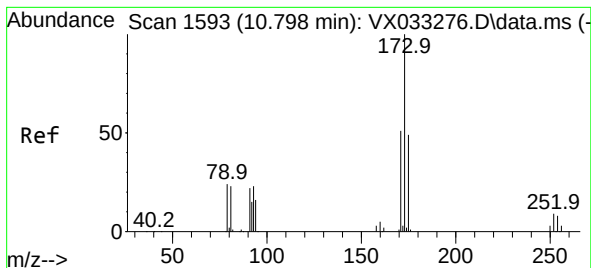
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#70
Styrene
Concen: 61.083 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

Tgt Ion:104 Resp: 260067
Ion Ratio Lower Upper
104 100
78 49.3 41.8 62.8
103 55.1 44.5 66.7





#71

Bromoform

Concen: 60.998 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033471.D

Acq: 19 Dec 2022 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

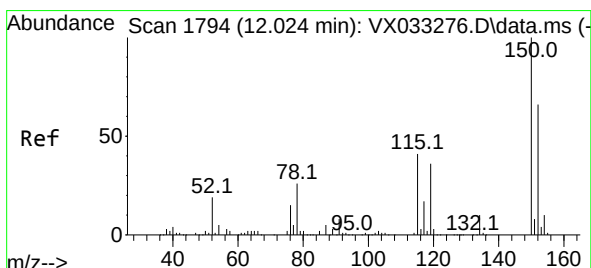
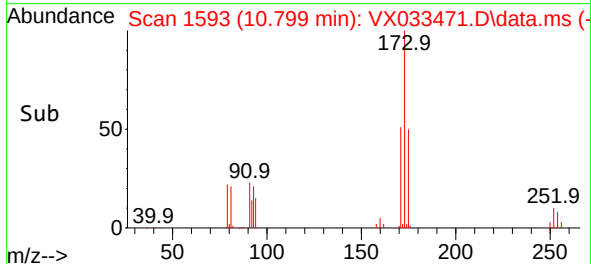
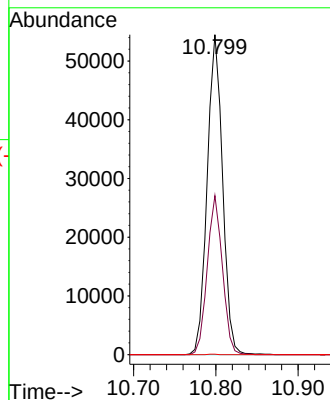
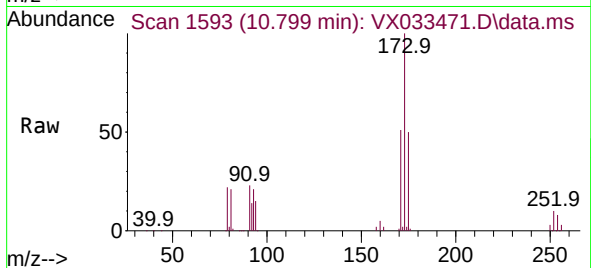
Tgt Ion:173 Resp: 70798
 Ion Ratio Lower Upper
 173 100
 175 48.9 23.9 71.8
 254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

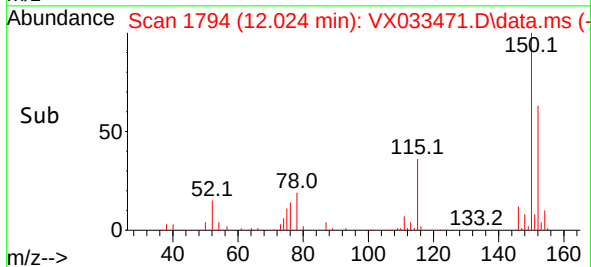
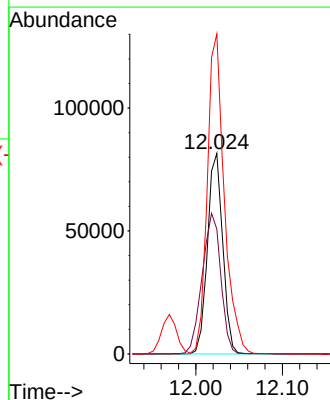
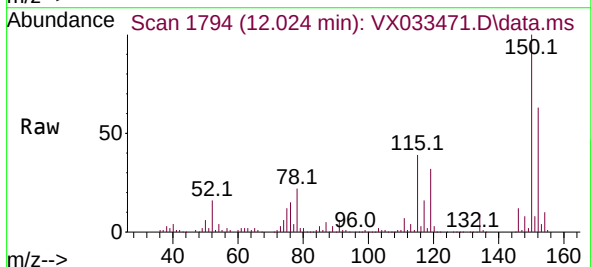
RT: 12.024 min Scan# 1794

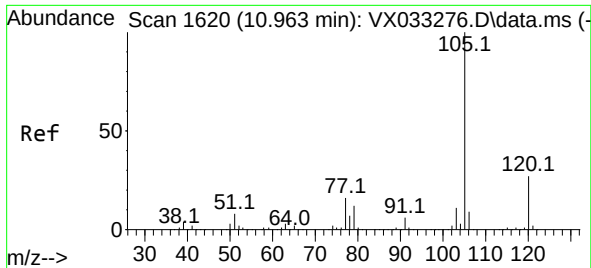
Delta R.T. 0.000 min

Lab File: VX033471.D

Acq: 19 Dec 2022 09:56

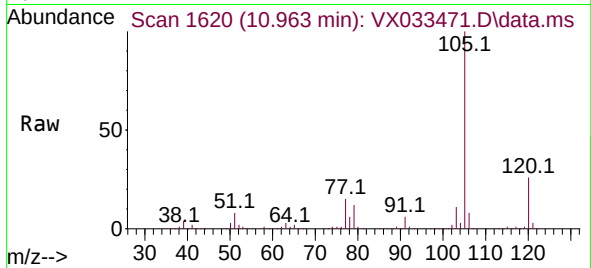
Tgt Ion:152 Resp: 99712
 Ion Ratio Lower Upper
 152 100
 115 85.9 44.0 132.0
 150 177.8 0.0 351.8





#73
Isopropylbenzene
Concen: 56.915 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

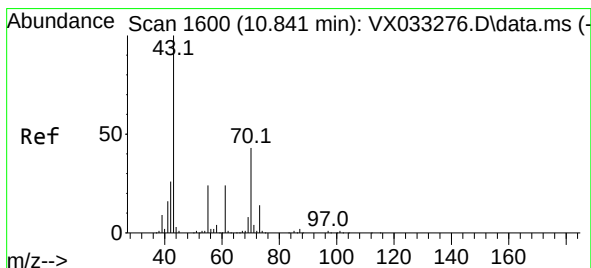
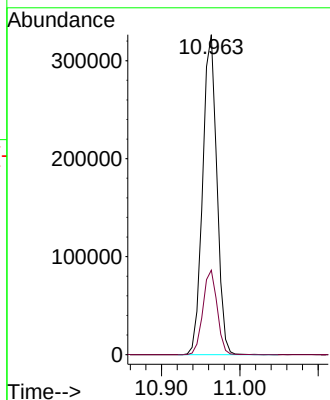
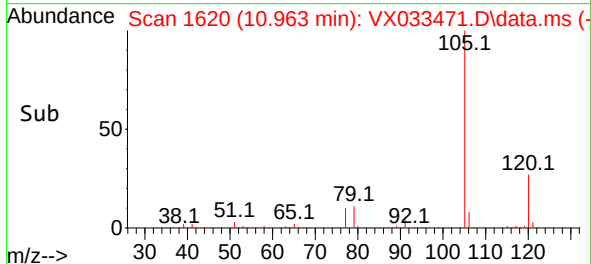
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



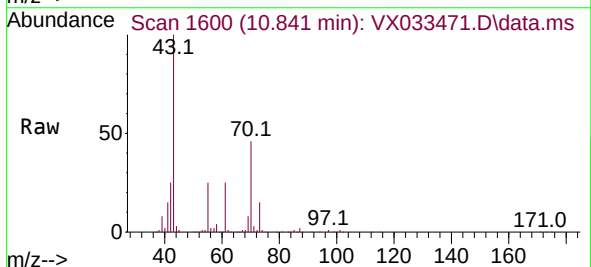
Tgt Ion:105 Resp: 411336
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.3

Manual Integrations
APPROVED

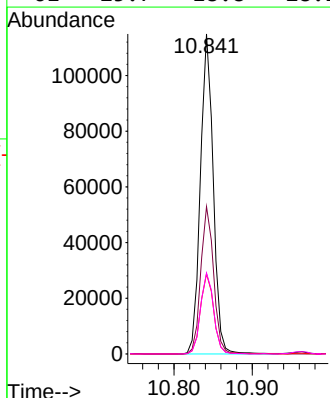
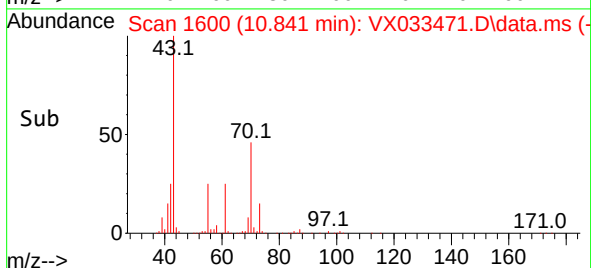
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

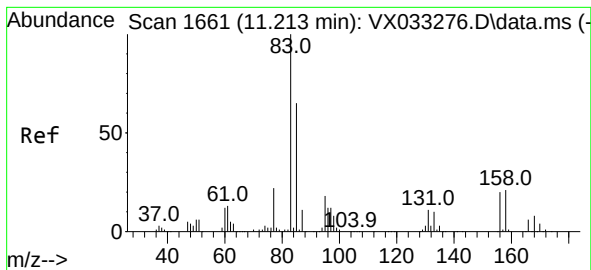


#74
N-ethyl acetate
Concen: 53.049 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56



Tgt Ion: 43 Resp: 130807
Ion Ratio Lower Upper
43 100
70 46.3 33.6 50.4
55 25.8 19.4 29.2
61 25.7 18.8 28.2





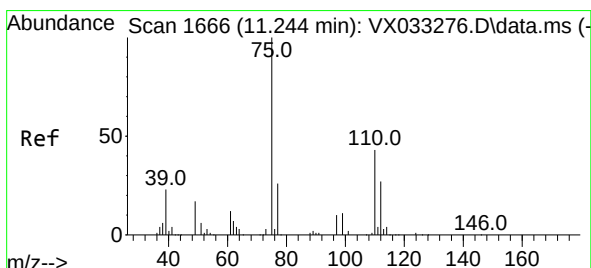
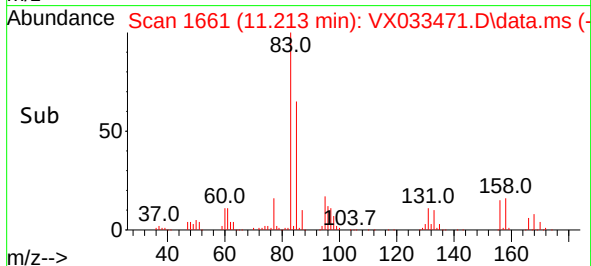
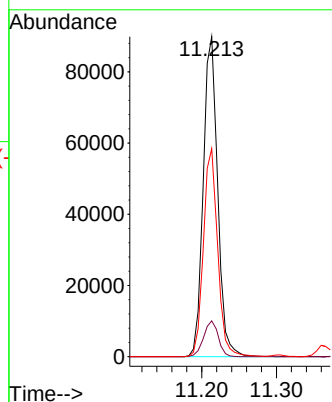
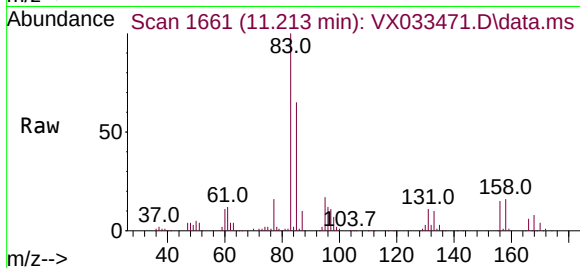
#75
1,1,2,2-Tetrachloroethane
Concen: 52.379 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 120095
Ion Ratio Lower Upper
83 100
131 11.3 5.4 16.2
85 64.3 31.9 95.9

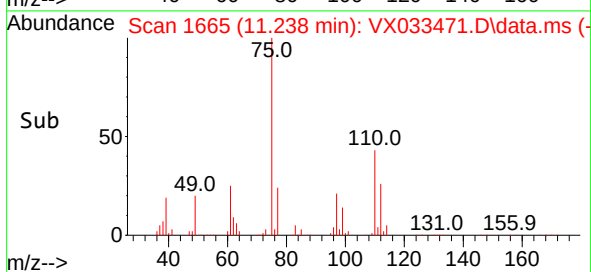
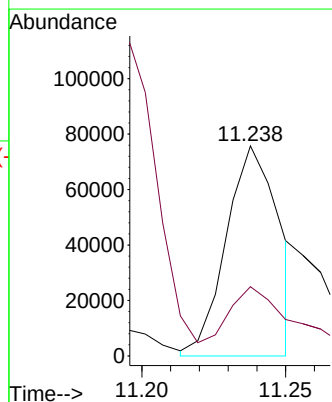
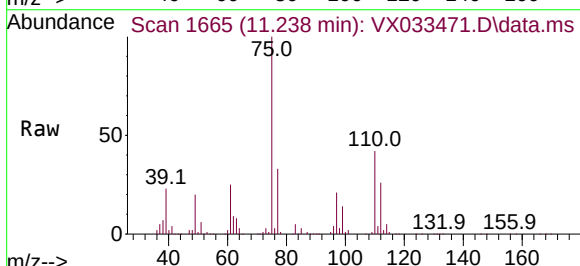
Manual Integrations
APPROVED

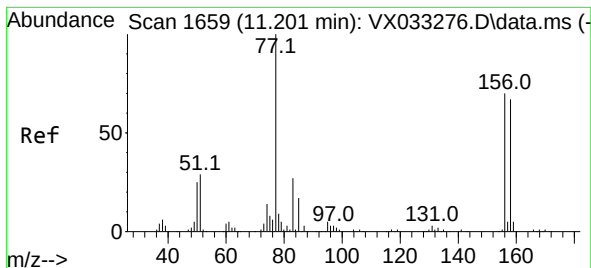
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#76
1,2,3-Trichloropropane
Concen: 47.491 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

Tgt Ion: 75 Resp: 96342
Ion Ratio Lower Upper
75 100
77 42.7 20.0 60.0





#77

Bromobenzene

Concen: 54.869 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX033471.D

Acq: 19 Dec 2022 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

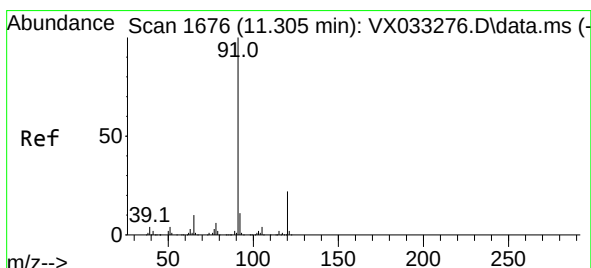
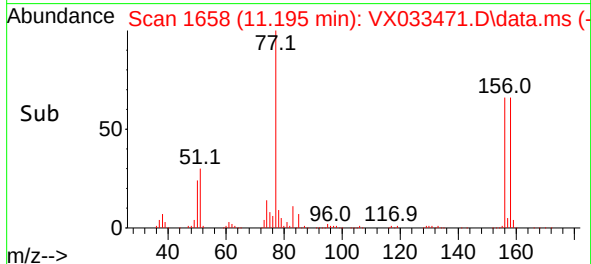
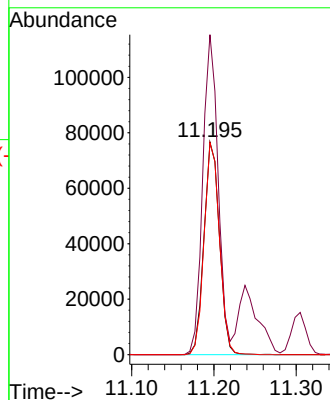
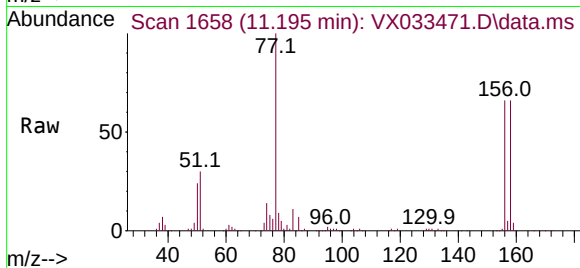
Tgt Ion:	156	Resp:	100137
Ion Ratio	Lower	Upper	
156	100		
77	149.5	76.1	228.4
158	99.1	48.8	146.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#78

n-propylbenzene

Concen: 58.282 ug/l

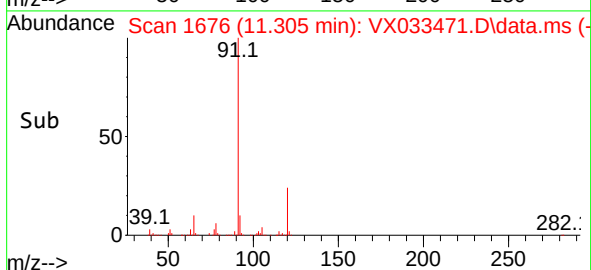
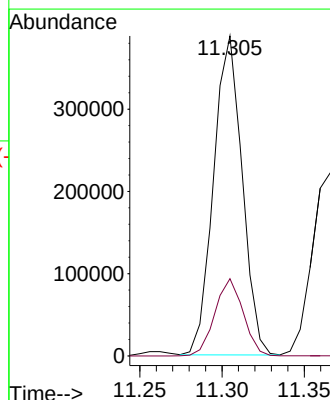
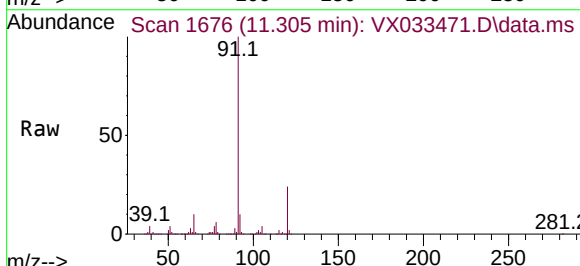
RT: 11.305 min Scan# 1676

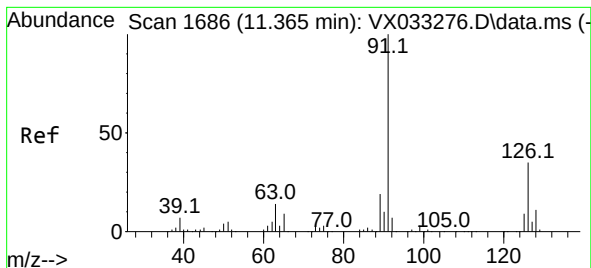
Delta R.T. 0.000 min

Lab File: VX033471.D

Acq: 19 Dec 2022 09:56

Tgt Ion:	91	Resp:	470323
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.6	34.8





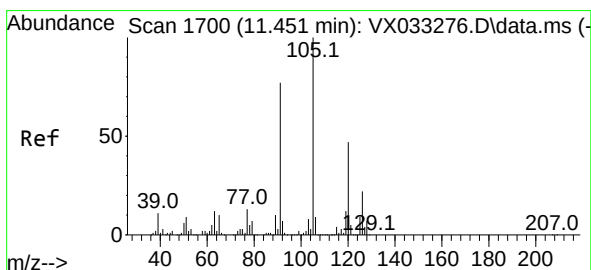
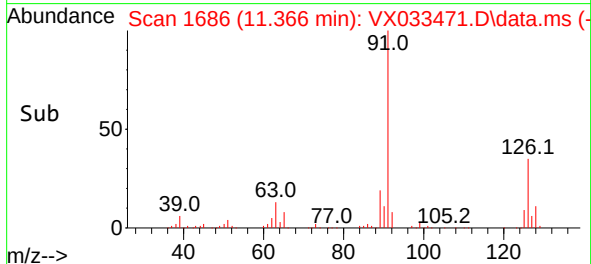
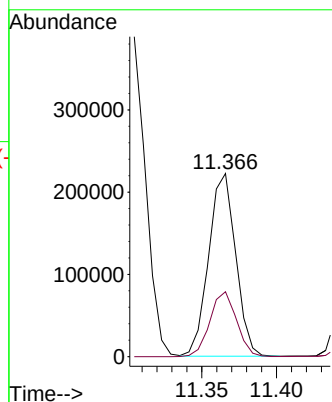
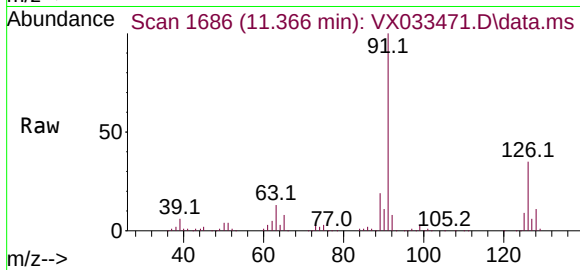
#79
2-Chlorotoluene
Concen: 55.977 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 279169
Ion Ratio Lower Upper
91 100
126 35.0 17.1 51.2

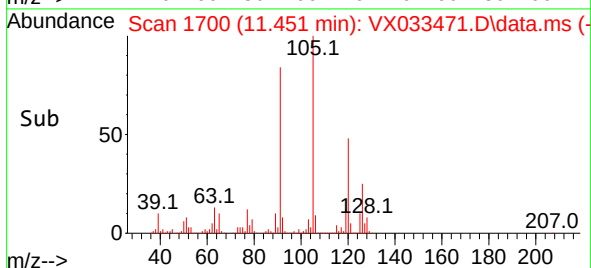
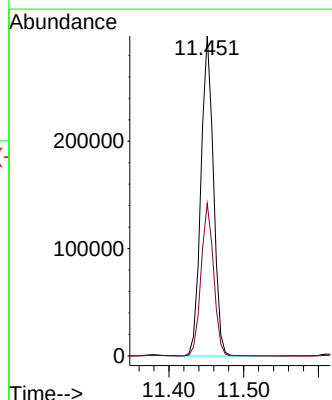
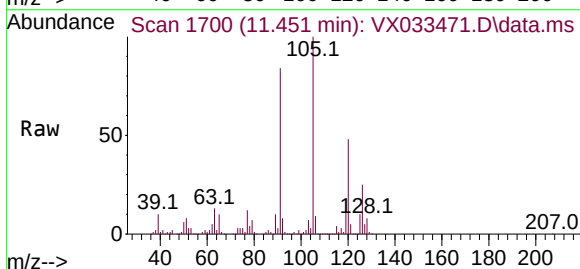
Manual Integrations
APPROVED

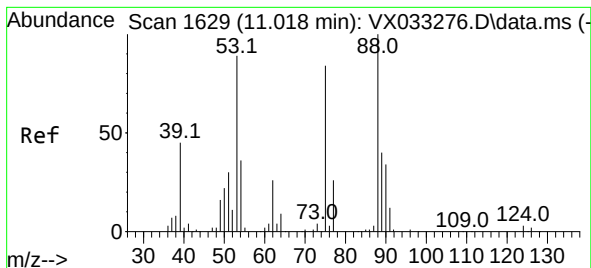
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#80
1,3,5-Trimethylbenzene
Concen: 57.473 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

Tgt Ion:105 Resp: 345758
Ion Ratio Lower Upper
105 100
120 47.7 23.6 71.0





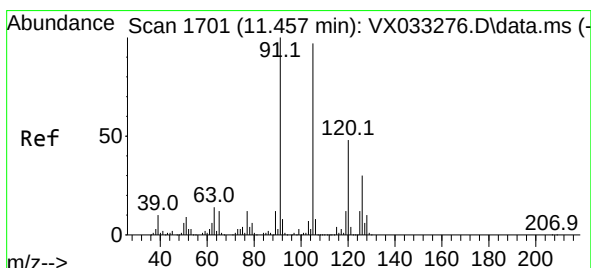
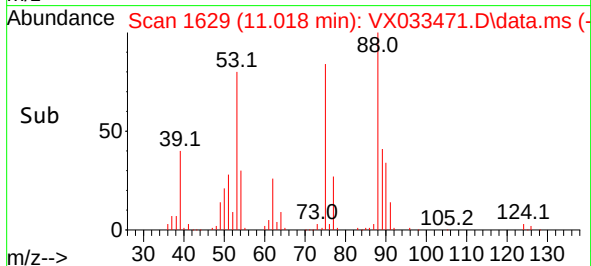
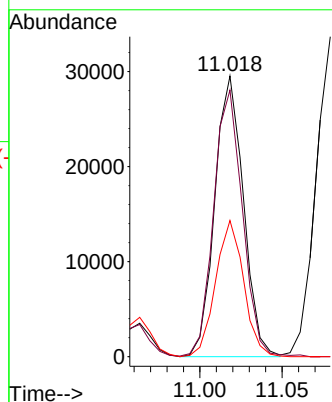
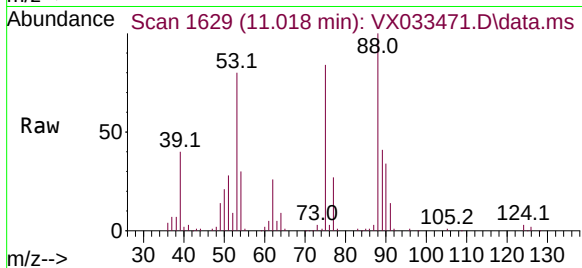
#81
trans-1,4-Dichloro-2-butene
Concen: 54.866 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 3578
Ion Ratio Lower Upper
75 100
53 95.5 86.9 130.3
89 47.5 38.3 57.5

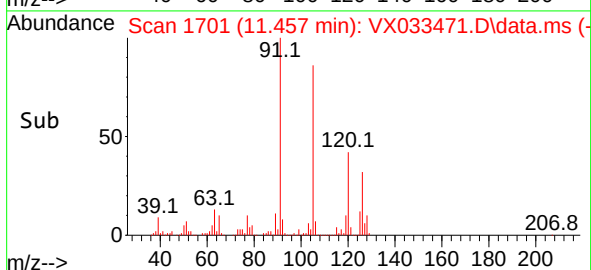
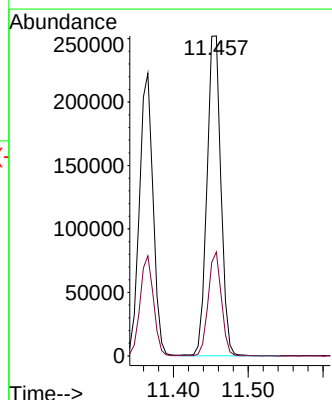
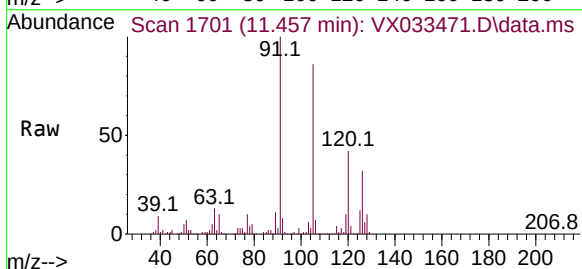
Manual Integrations
APPROVED

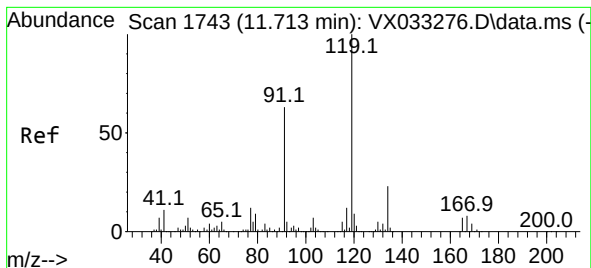
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#82
4-Chlorotoluene
Concen: 56.230 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

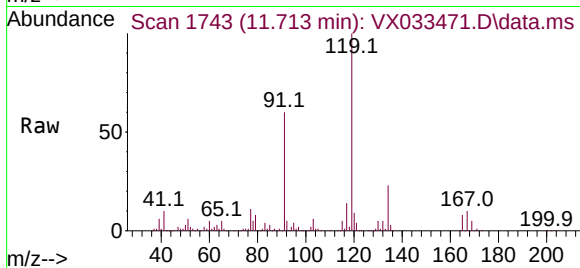
Tgt Ion: 91 Resp: 326084
Ion Ratio Lower Upper
91 100
126 30.8 14.8 44.4





#83
tert-Butylbenzene
Concen: 57.168 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

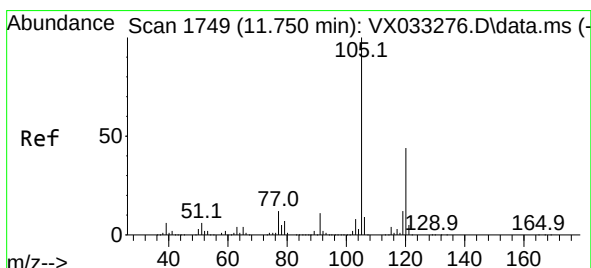
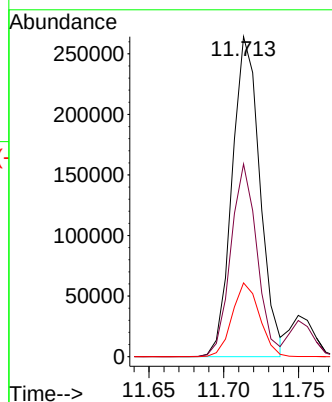
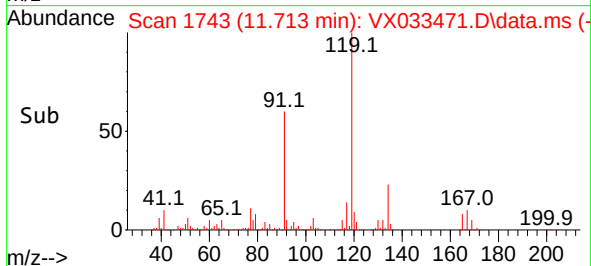
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 342952
Ion Ratio Lower Upper
119 100
91 56.9 29.4 88.2
134 22.6 11.0 33.0

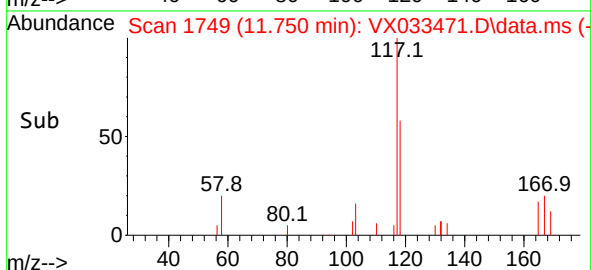
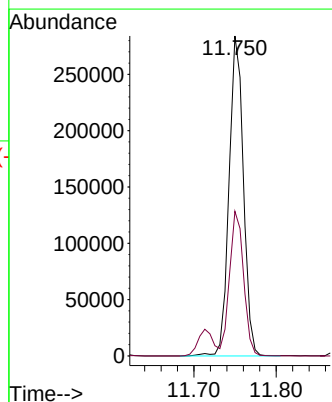
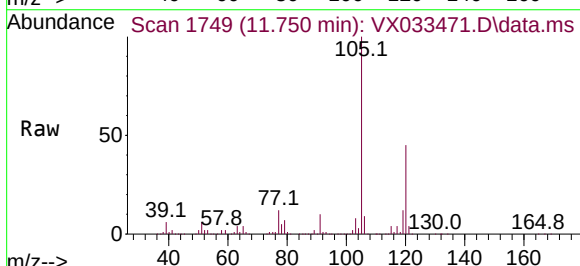
Manual Integrations
APPROVED

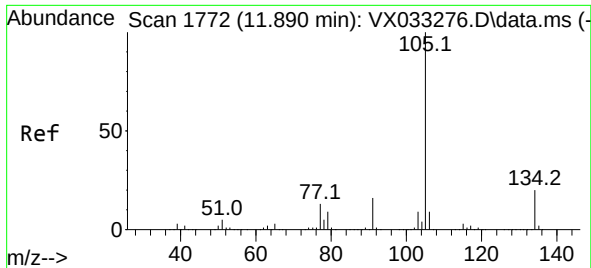
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#84
1,2,4-Trimethylbenzene
Concen: 57.237 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

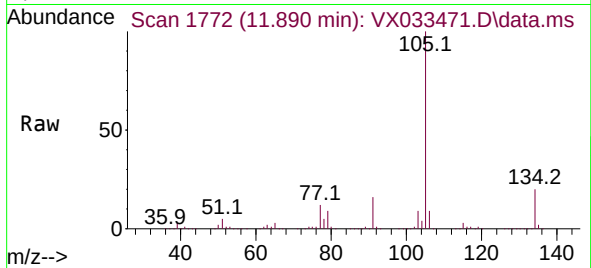
Tgt Ion:105 Resp: 343717
Ion Ratio Lower Upper
105 100
120 44.3 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 59.607 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033471.D
 Acq: 19 Dec 2022 09:56

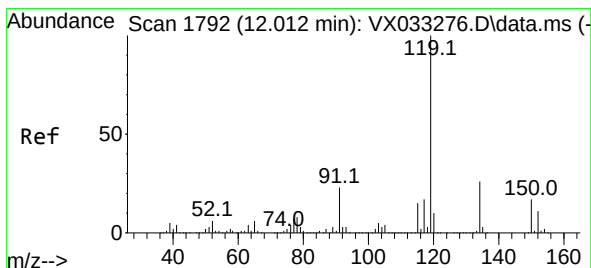
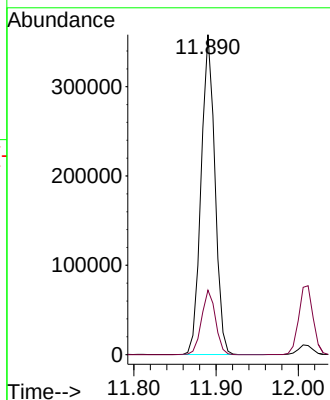
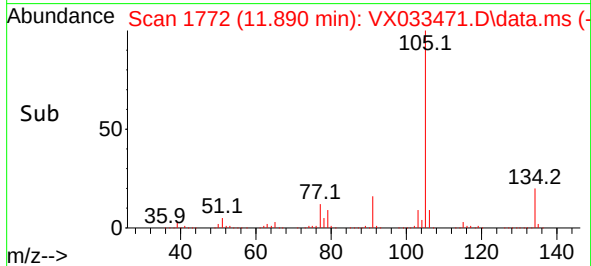
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



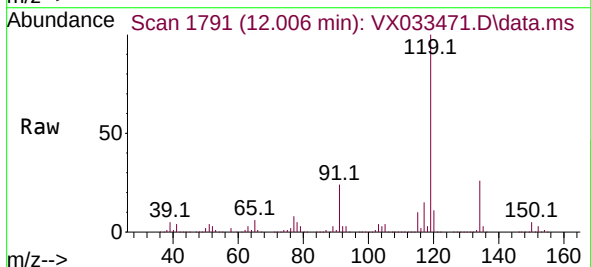
Tgt Ion:105 Resp: 417210
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.9 29.7

Manual Integrations
 APPROVED

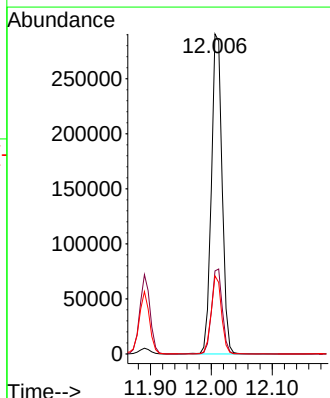
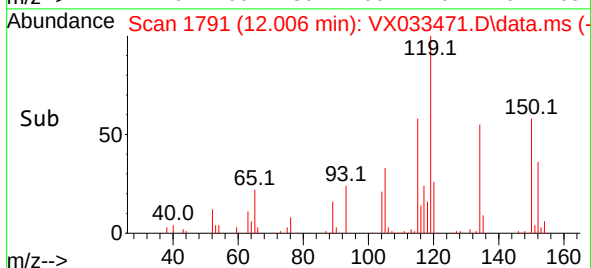
Reviewed By :John Carlone 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022

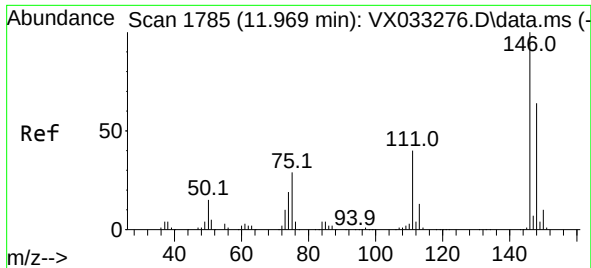


#86
 p-Isopropyltoluene
 Concen: 58.905 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX033471.D
 Acq: 19 Dec 2022 09:56



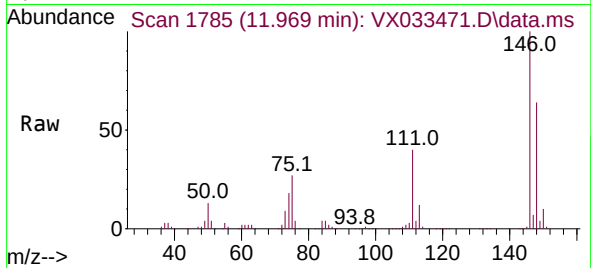
Tgt Ion:119 Resp: 355462
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.9 38.7
 91 23.5 12.5 37.5





#87
1,3-Dichlorobenzene
Concen: 57.425 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

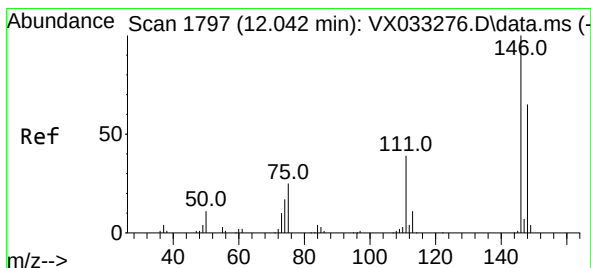
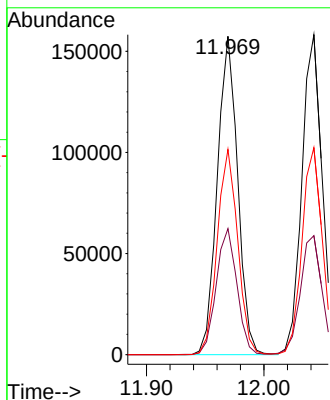
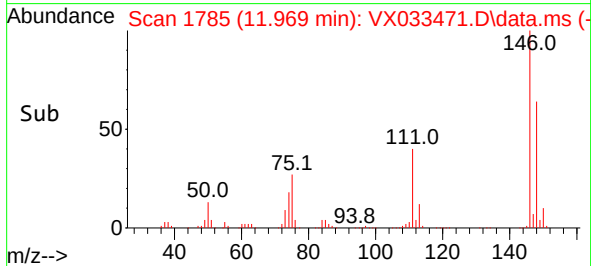
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



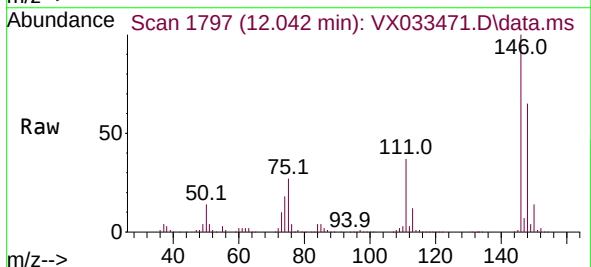
Tgt Ion:146 Resp: 189842
Ion Ratio Lower Upper
146 100
111 40.3 20.6 61.8
148 64.8 31.7 95.1

Manual Integrations
APPROVED

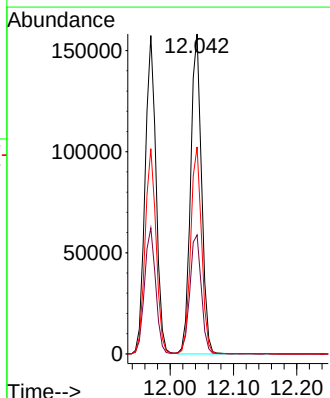
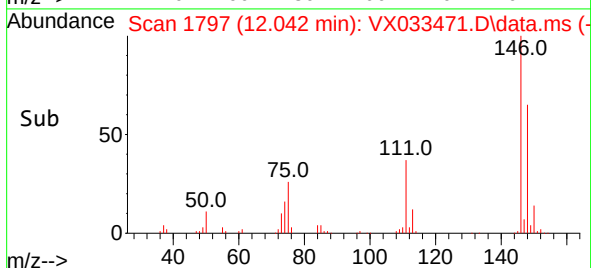
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

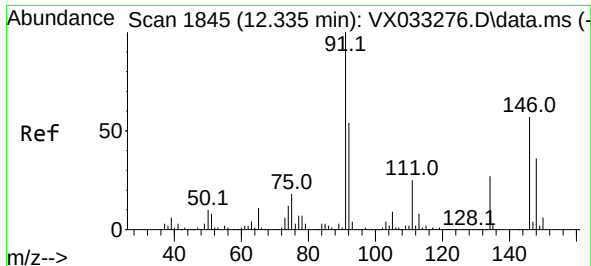


#88
1,4-Dichlorobenzene
Concen: 56.388 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56



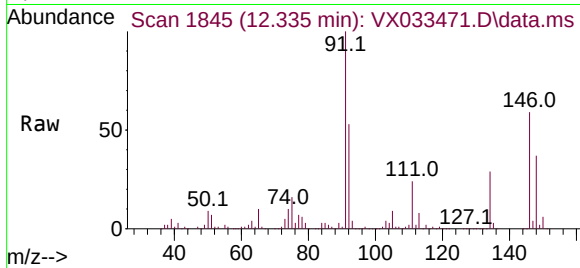
Tgt Ion:146 Resp: 190413
Ion Ratio Lower Upper
146 100
111 39.3 20.5 61.6
148 64.6 32.2 96.6





#89
n-Butylbenzene
Concen: 62.014 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

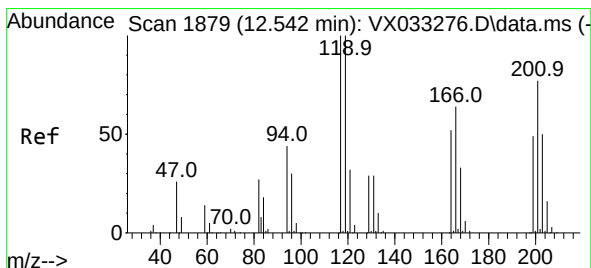
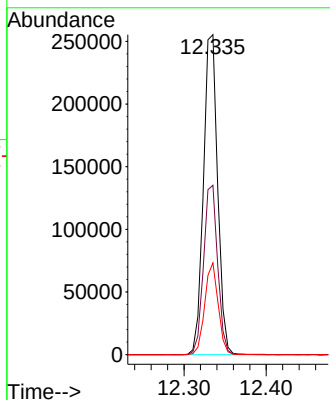
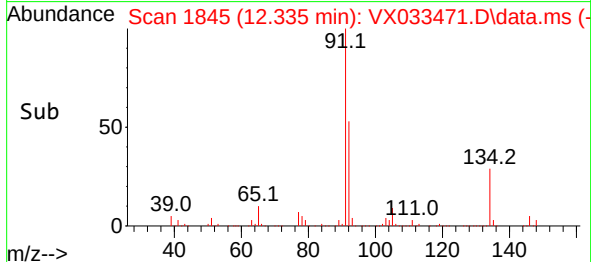
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 306502
Ion Ratio Lower Upper
91 100
92 52.7 26.2 78.6
134 27.1 12.9 38.6

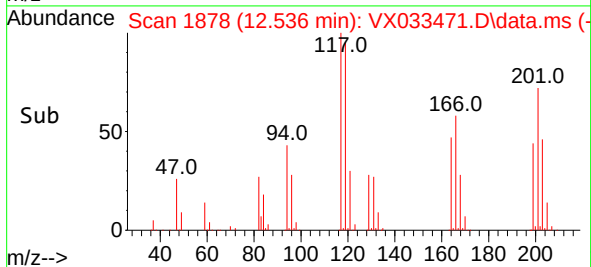
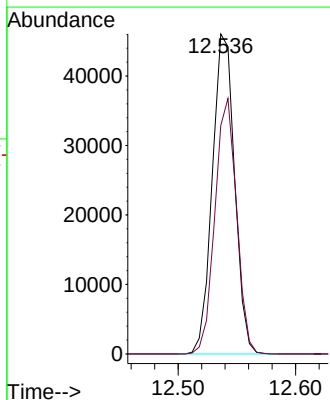
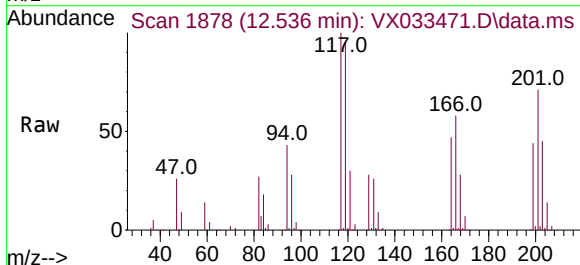
Manual Integrations
APPROVED

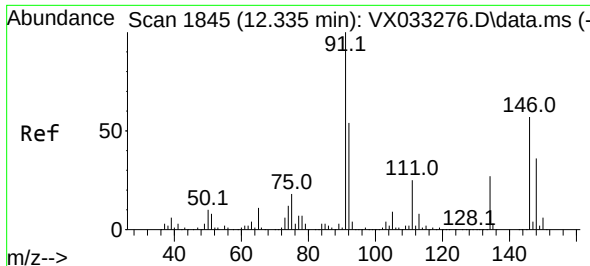
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#90
Hexachloroethane
Concen: 59.174 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

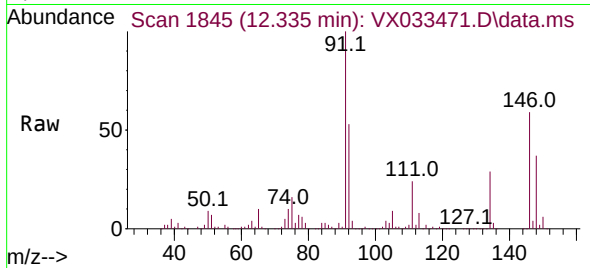
Tgt Ion:117 Resp: 60697
Ion Ratio Lower Upper
117 100
201 77.5 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 55.654 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

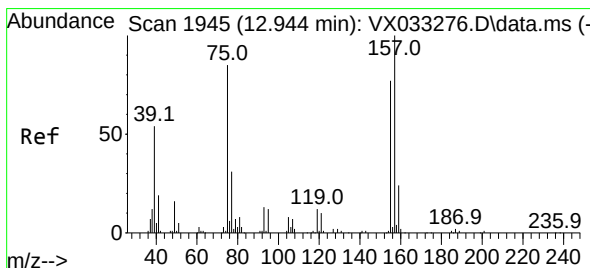
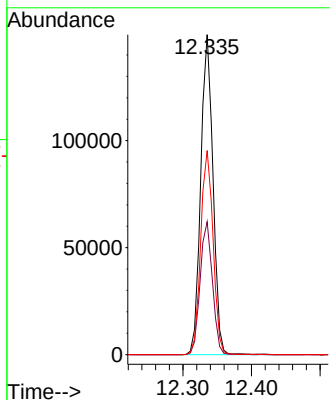
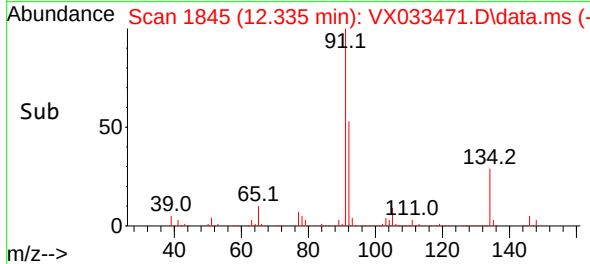
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



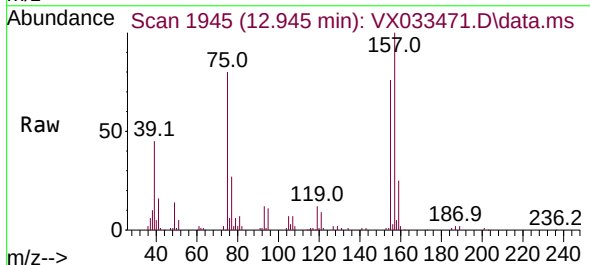
Tgt Ion:146 Resp: 183946
Ion Ratio Lower Upper
146 100
111 41.8 21.5 64.5
148 64.5 32.0 96.2

Manual Integrations
APPROVED

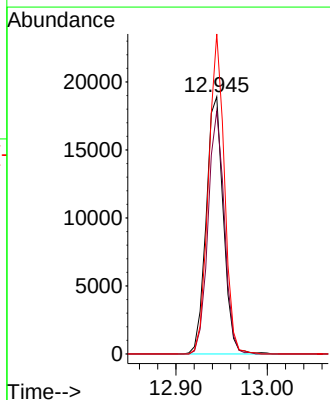
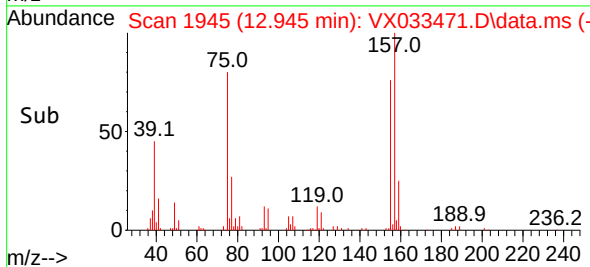
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

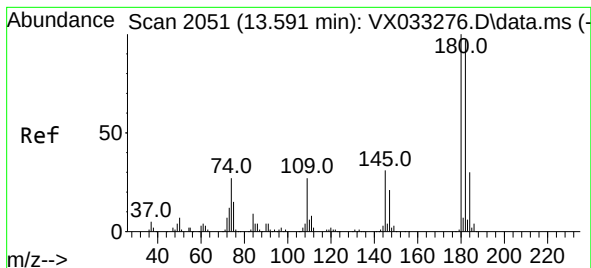


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.937 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56



Tgt Ion: 75 Resp: 24731
Ion Ratio Lower Upper
75 100
155 89.5 41.6 124.8
157 115.0 54.1 162.4





#93

1,2,4-Trichlorobenzene

Concen: 59.017 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX033471.D

Acq: 19 Dec 2022 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

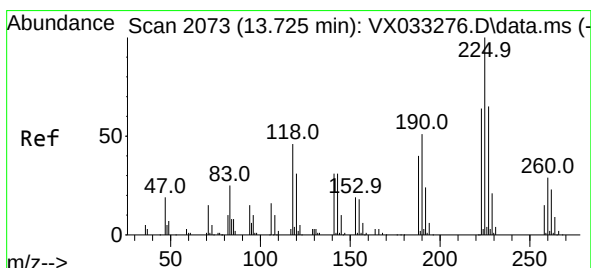
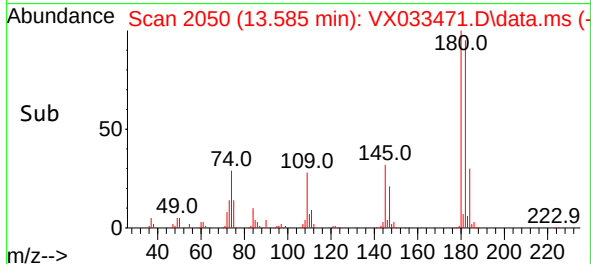
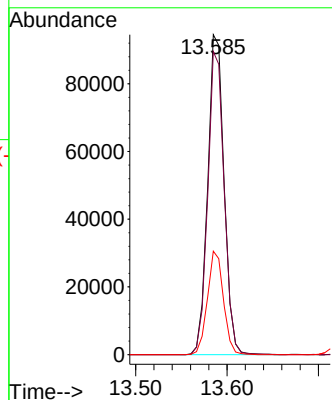
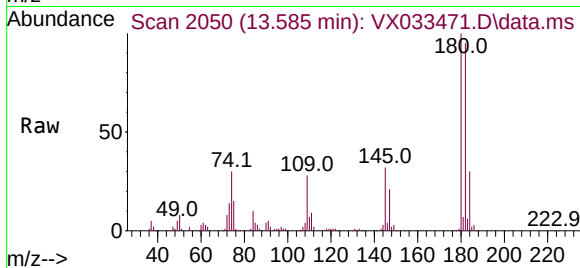
Tgt Ion:180	Resp: 11780
Ion Ratio	Lower Upper
180 100	
182 95.0	48.4 145.0
145 31.6	16.2 48.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#94

Hexachlorobutadiene

Concen: 62.452 ug/l

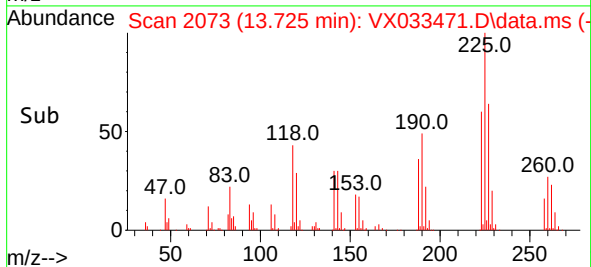
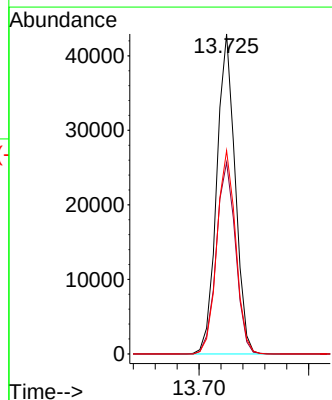
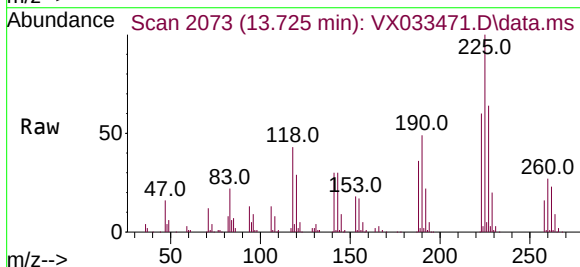
RT: 13.725 min Scan# 2073

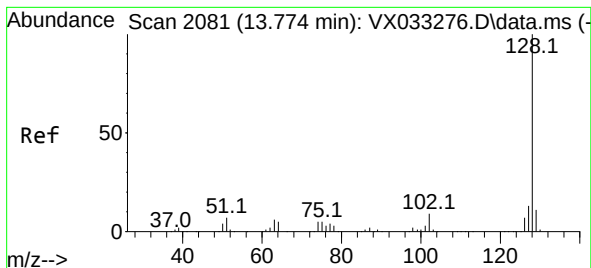
Delta R.T. 0.000 min

Lab File: VX033471.D

Acq: 19 Dec 2022 09:56

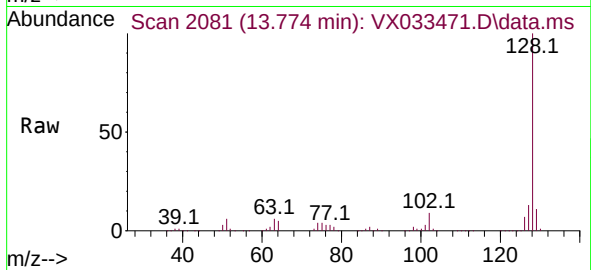
Tgt Ion:225	Resp: 49920
Ion Ratio	Lower Upper
225 100	
223 62.4	31.9 95.9
227 64.8	31.9 95.5





#95
Naphthalene
Concen: 56.264 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56

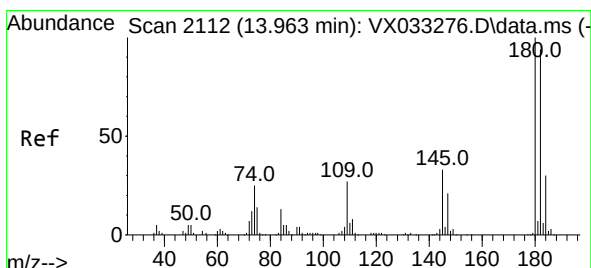
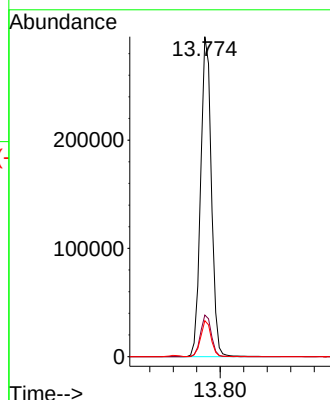
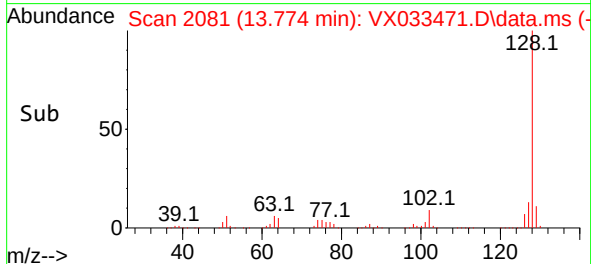
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



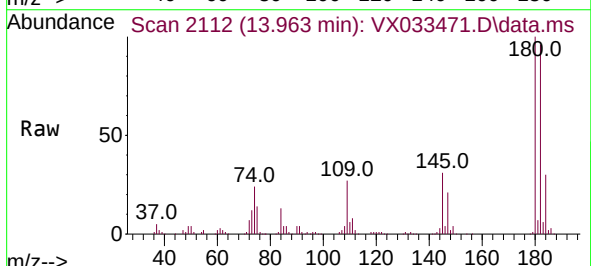
Tgt Ion:128 Resp: 374628
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.9 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#96
1,2,3-Trichlorobenzene
Concen: 57.602 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033471.D
Acq: 19 Dec 2022 09:56



Tgt Ion:180 Resp: 116453
Ion Ratio Lower Upper
180 100
182 94.9 47.5 142.6
145 32.7 16.9 50.6

