

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102621\
 Data File : VU045413.D
 Acq On : 26 Oct 2021 20:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/27/2021
 Supervised By : Mahesh Dadoda 10/27/2021

Quant Time: Oct 27 04:41:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	192962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	358821	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	332204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	157421	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	175768	54.721	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.440%			
35) Dibromofluoromethane	5.292	113	127228	56.207	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.420%			
50) Toluene-d8	7.899	98	490617	54.856	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 109.720%			
62) 4-Bromofluorobenzene	10.635	95	184171	49.878	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.760%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	133441	55.845	ug/l	98
3) Chloromethane	1.520	50	188368	60.860	ug/l	99
4) Vinyl Chloride	1.604	62	163439	52.885	ug/l	100
5) Bromomethane	1.854	94	83110	68.558	ug/l	99
6) Chloroethane	1.928	64	73488	30.954	ug/l	100
7) Trichlorofluoromethane	2.134	101	199001	48.760	ug/l	99
8) Diethyl Ether	2.379	74	92234	49.313	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.581	101	115637	49.821	ug/l	99
10) Methyl Iodide	2.723	142	135045	54.513	ug/l	97
11) Tert butyl alcohol	3.205	59	168245	182.500	ug/l #	89
12) 1,1-Dichloroethene	2.581	96	116292	50.831	ug/l	93
13) Acrolein	2.491	56	51265	284.765	ug/l	99
14) Allyl chloride	2.925	41	215979	51.012	ug/l	97
15) Acrylonitrile	3.321	53	434051	233.458	ug/l	99
16) Acetone	2.636	43	359635	188.623	ug/l	98
17) Carbon Disulfide	2.793	76	316716	46.896	ug/l	100
18) Methyl Acetate	2.951	43	284077	50.978	ug/l	97
19) Methyl tert-butyl Ether	3.366	73	453220	51.319	ug/l	99
20) Methylene Chloride	3.047	84	144620	50.358	ug/l	94
21) trans-1,2-Dichloroethene	3.356	96	126359	50.489	ug/l	93
22) Diisopropyl ether	3.996	45	448627	51.901	ug/l	93
23) Vinyl Acetate	3.957	43	1709038	243.099	ug/l	99
24) 1,1-Dichloroethane	3.874	63	252713	50.928	ug/l	99
25) 2-Butanone	4.706	43	565664	208.818	ug/l	97
26) 2,2-Dichloropropane	4.668	77	195221	46.533	ug/l	98
27) cis-1,2-Dichloroethene	4.671	96	149900	50.713	ug/l	97
28) Bromochloromethane	4.977	49	93996	45.702	ug/l	93
29) Tetrahydrofuran	5.054	42	364143	225.820	ug/l	96
30) Chloroform	5.092	83	247828	49.552	ug/l	100
31) Cyclohexane	5.391	56	236757	48.524	ug/l	98
32) 1,1,1-Trichloroethane	5.317	97	206428	50.023	ug/l	98
36) 1,1-Dichloropropene	5.530	75	184181	49.083	ug/l	99
37) Ethyl Acetate	4.806	43	216741	43.655	ug/l	97
38) Carbon Tetrachloride	5.530	117	163196	50.260	ug/l	99
39) Methylcyclohexane	6.764	83	228557	49.616	ug/l	97
40) Benzene	5.777	78	552885	49.471	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	121676	47.605	ug/l	97
42) 1,2-Dichloroethane	5.796	62	204924	46.651	ug/l	99
43) Isopropyl Acetate	5.912	43	343300	45.961	ug/l	97
44) Trichloroethene	6.546	130	127942	48.555	ug/l	98
45) 1,2-Dichloropropane	6.793	63	146285	49.370	ug/l	98
46) Dibromomethane	6.922	93	97985	49.089	ug/l	98
47) Bromodichloromethane	7.108	83	193624	49.960	ug/l	99
48) Methyl methacrylate	6.964	41	164890	45.353	ug/l	96
49) 1,4-Dioxane	7.002	88	80875	868.489	ug/l #	79
51) 4-Methyl-2-Pentanone	7.793	43	1113923	204.848	ug/l	97
52) Toluene	7.970	92	344830	49.299	ug/l	98
53) t-1,3-Dichloropropene	8.211	75	217347	49.041	ug/l	100
54) cis-1,3-Dichloropropene	7.610	75	234645	50.828	ug/l	97
55) 1,1,2-Trichloroethane	8.404	97	137922	47.323	ug/l	98
56) Ethyl methacrylate	8.337	69	237935	42.335	ug/l	95
57) 1,3-Dichloropropane	8.578	76	245901	47.276	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	470210	259.091	ug/l	97
59) 2-Hexanone	8.690	43	857351	193.612	ug/l	96
60) Dibromochloromethane	8.812	129	134885	43.925	ug/l	99
61) 1,2-Dibromoethane	8.925	107	148257	47.856	ug/l	100
64) Tetrachloroethene	8.555	164	105335	48.581	ug/l	99
65) Chlorobenzene	9.449	112	343597	49.332	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	120632	49.609	ug/l	99
67) Ethyl Benzene	9.571	91	642006	50.092	ug/l	99
68) m/p-Xylenes	9.697	106	490587	98.526	ug/l	100
69) o-Xylene	10.102	106	241100	48.788	ug/l	99
70) Styrene	10.118	104	406573	49.041	ug/l	100
71) Bromoform	10.295	173	99239	42.735	ug/l #	100
73) Isopropylbenzene	10.488	105	625632	53.368	ug/l	100
74) N-amyl acetate	10.324	43	308892	52.330	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.787	83	244769	48.256	ug/l	100
76) 1,2,3-Trichloropropane	10.828	75	214045m	46.616	ug/l	
77) Bromobenzene	10.783	156	142461	50.326	ug/l	99
78) n-propylbenzene	10.909	91	745911	52.213	ug/l	100
79) 2-Chlorotoluene	10.989	91	450344	50.291	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	528449	51.457	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	80611	48.721	ug/l	97
82) 4-Chlorotoluene	11.098	91	510314	50.418	ug/l	100
83) tert-Butylbenzene	11.423	119	518051	51.862	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	530781	52.242	ug/l	99
85) sec-Butylbenzene	11.645	105	661257	51.404	ug/l	99
86) p-Isopropyltoluene	11.796	119	540201	52.205	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	267624	49.368	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	271321	48.926	ug/l	99
89) n-Butylbenzene	12.211	91	502277	52.700	ug/l	99
90) Hexachloroethane	12.478	117	91915	49.190	ug/l	100
91) 1,2-Dichlorobenzene	12.214	146	277211	50.024	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	58734	49.075	ug/l	98
93) 1,2,4-Trichlorobenzene	13.844	180	177272	57.402	ug/l	99
94) Hexachlorobutadiene	14.024	225	67637	52.466	ug/l	99
95) Naphthalene	14.089	128	693726	59.726	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	182982	58.997	ug/l	100

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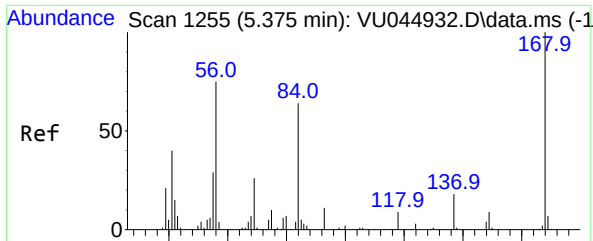
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Tue Sep 28 12:32:13 2021
Response via : Initial Calibration

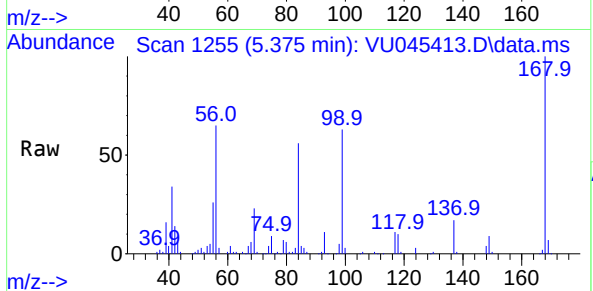
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
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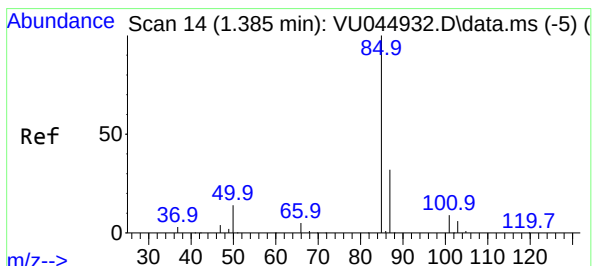
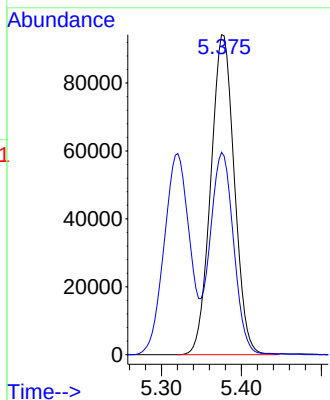
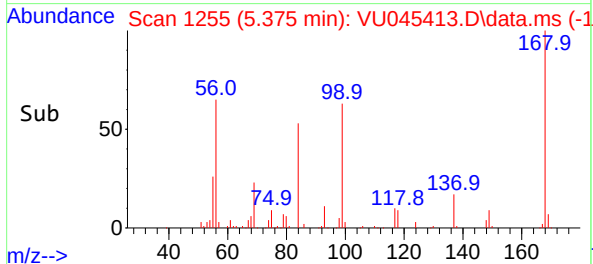
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



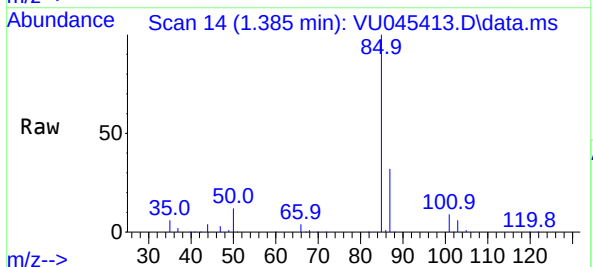
Tgt Ion:168 Resp: 192962
Ion Ratio Lower Upper
168 100
99 63.0 51.4 77.0

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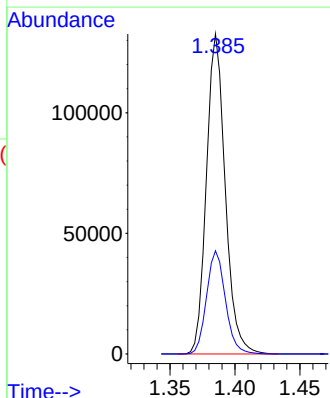
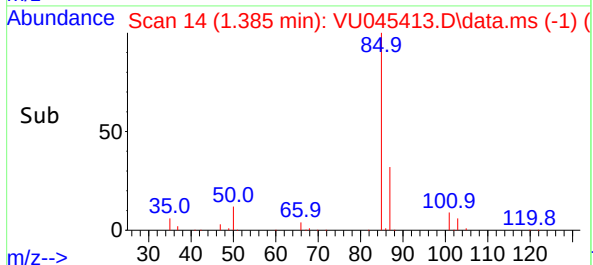
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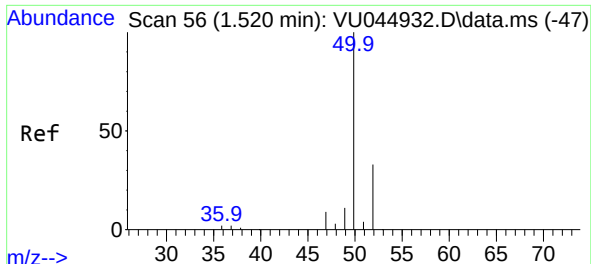


#2
Dichlorodifluoromethane
Concen: 55.845 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07



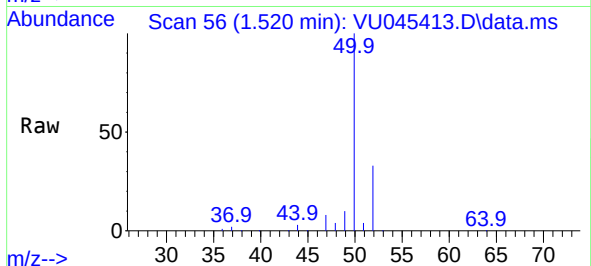
Tgt Ion: 85 Resp: 133441
Ion Ratio Lower Upper
85 100
87 32.2 15.7 47.0





#3
Chloromethane
Concen: 60.860 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

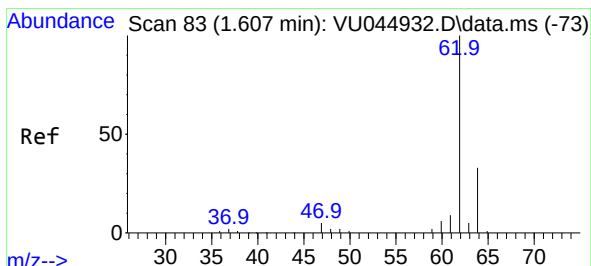
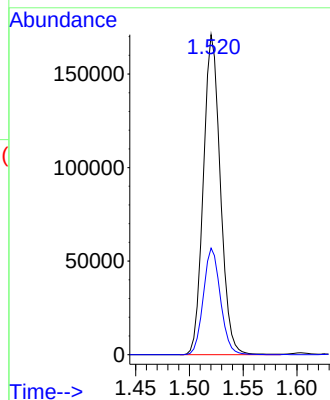
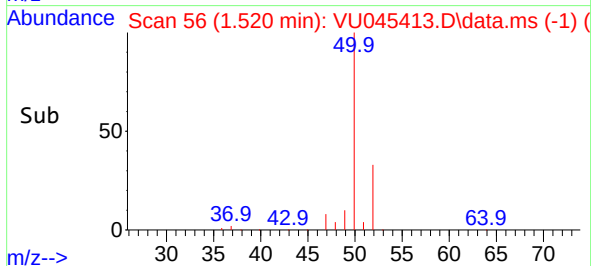
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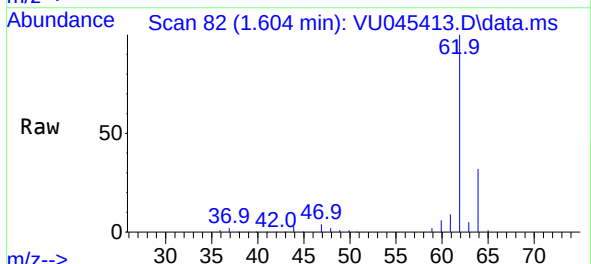
Tgt Ion: 50 Resp: 188368
Ion Ratio Lower Upper
50 100
52 33.3 26.3 39.5

Manual Integrations
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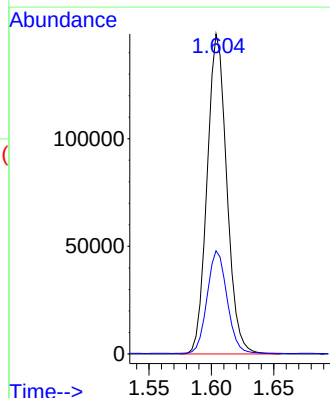
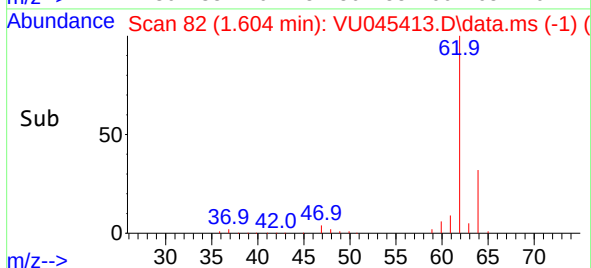
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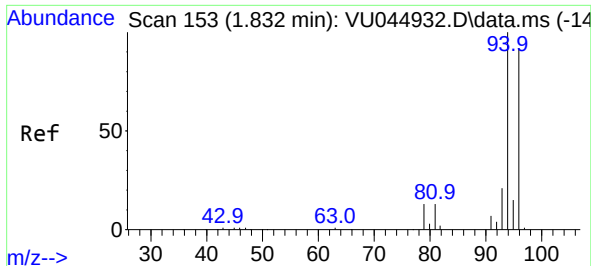


#4
Vinyl Chloride
Concen: 52.885 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.003 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07



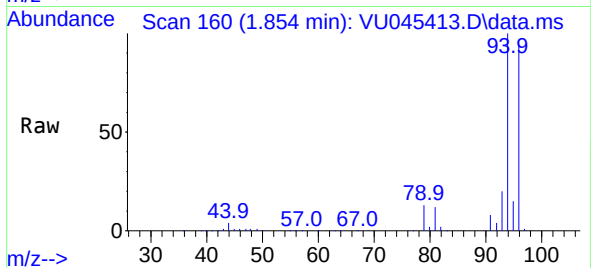
Tgt Ion: 62 Resp: 163439
Ion Ratio Lower Upper
62 100
64 32.1 25.6 38.4





#5
Bromomethane
Concen: 68.558 ug/l
RT: 1.854 min Scan# 10
Delta R.T. 0.022 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

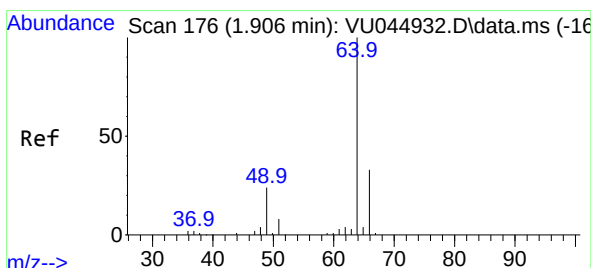
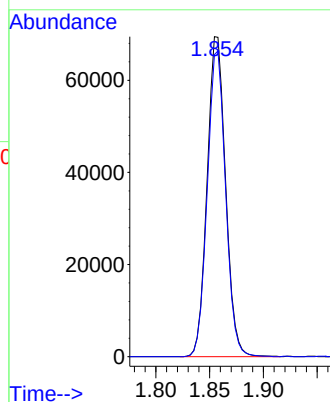
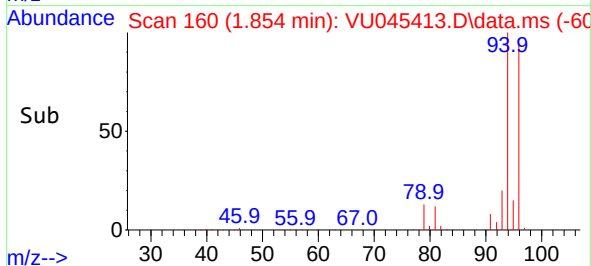
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Tgt Ion: 94 Resp: 83110
Ion Ratio Lower Upper
94 100
96 94.4 74.5 111.7

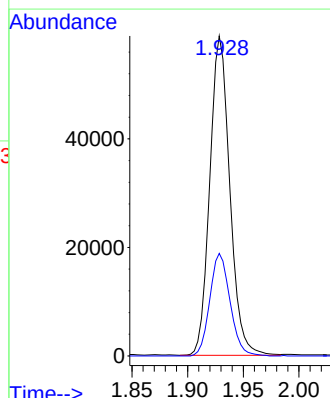
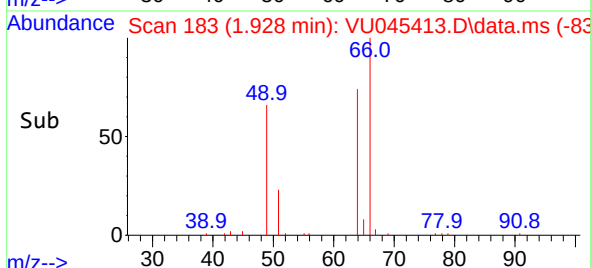
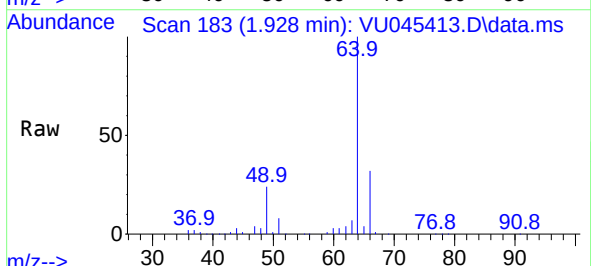
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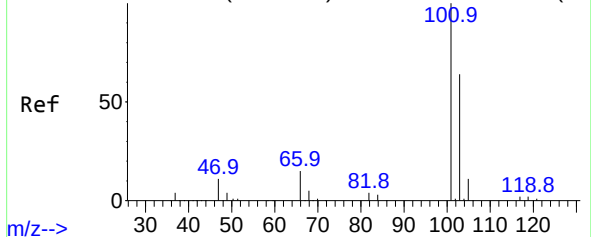


#6
Chloroethane
Concen: 30.954 ug/l
RT: 1.928 min Scan# 183
Delta R.T. 0.022 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

Tgt Ion: 64 Resp: 73488
Ion Ratio Lower Upper
64 100
66 32.1 25.8 38.8



Abundance Scan 244 (2.124 min): VU044932.D\data.ms (-23



#7

Trichlorofluoromethane

Concen: 48.760 ug/l

RT: 2.134 min Scan# 244

Delta R.T. 0.010 min

Lab File: VU045413.D

Acq: 26 Oct 2021 20:07

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Tgt Ion:101 Resp: 19900

Ion Ratio Lower Upper

101 100

103 64.6 51.2 76.8

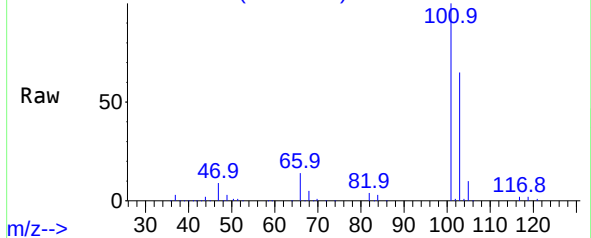
Manual Integrations

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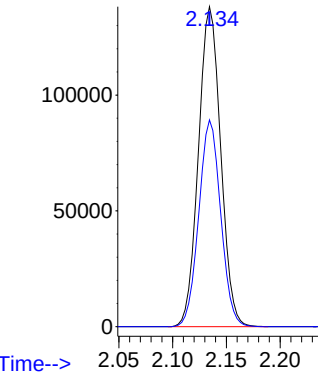
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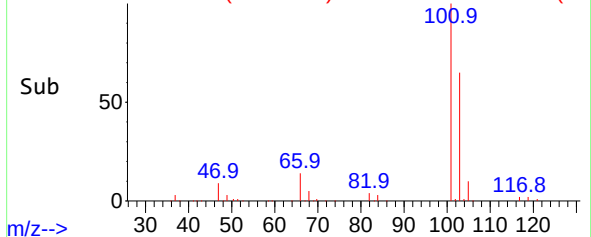
Abundance Scan 247 (2.134 min): VU045413.D\data.ms



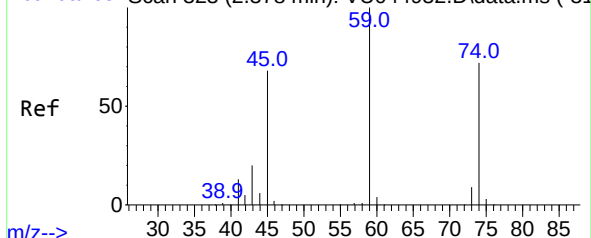
Abundance



Abundance Scan 247 (2.134 min): VU045413.D\data.ms (-15



Abundance Scan 323 (2.378 min): VU044932.D\data.ms (-31



#8

Diethyl Ether

Concen: 49.313 ug/l

RT: 2.379 min Scan# 323

Delta R.T. 0.001 min

Lab File: VU045413.D

Acq: 26 Oct 2021 20:07

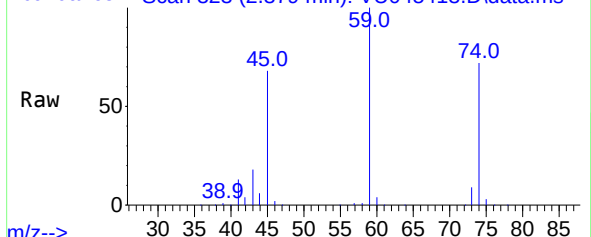
Tgt Ion: 74 Resp: 92234

Ion Ratio Lower Upper

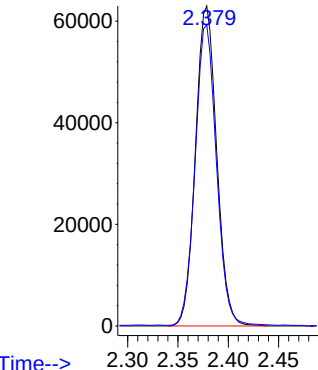
74 100

45 94.2 52.2 156.6

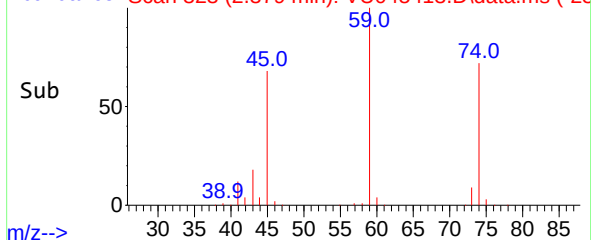
Abundance Scan 323 (2.379 min): VU045413.D\data.ms

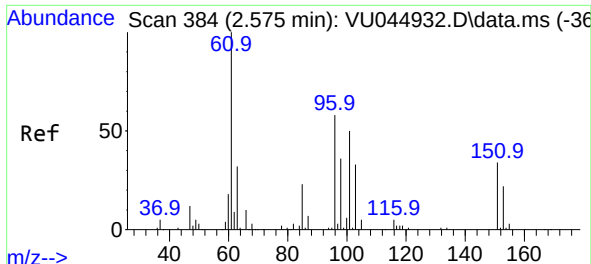


Abundance



Abundance Scan 323 (2.379 min): VU045413.D\data.ms (-23





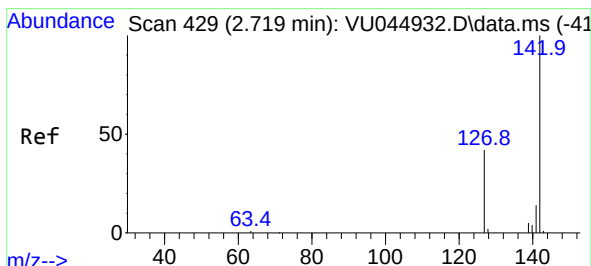
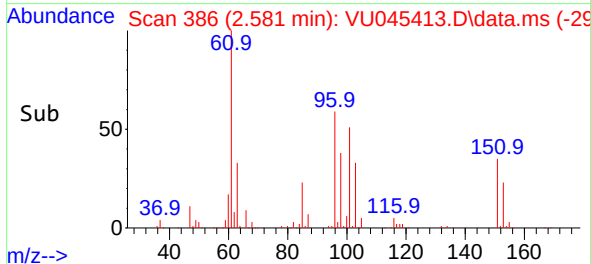
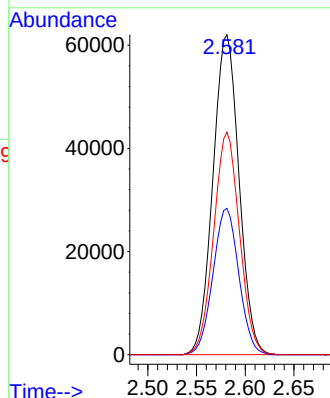
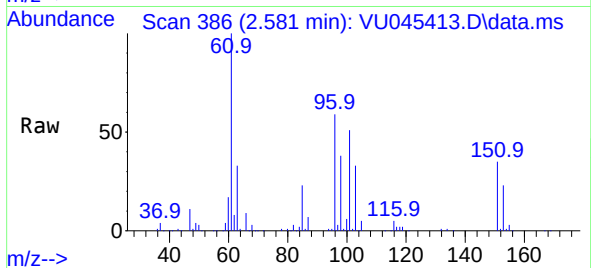
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.821 ug/l
RT: 2.581 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 11563
Ion Ratio Lower Upper
101 100
85 45.3 37.2 55.8
151 68.9 55.8 83.8

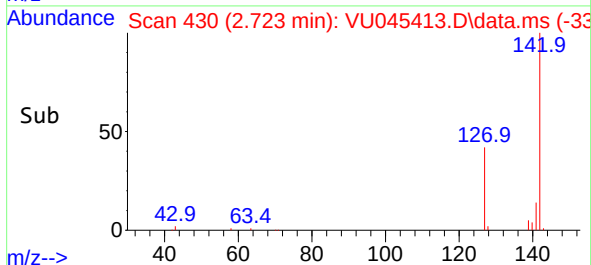
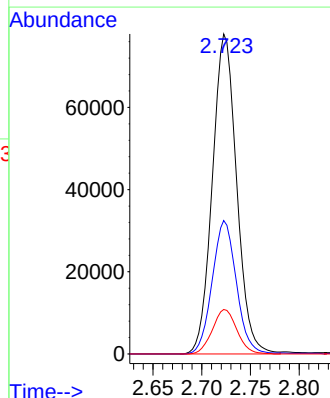
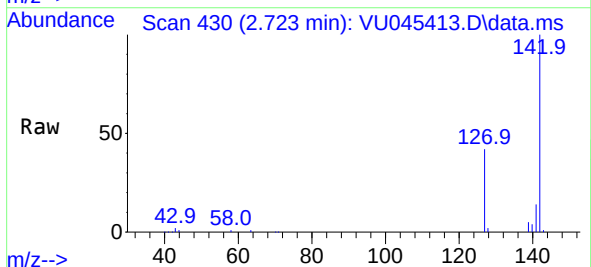
Manual Integrations
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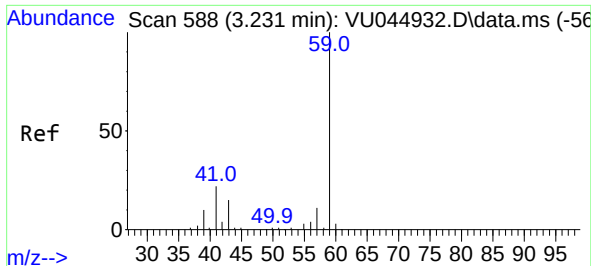
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#10
Methyl Iodide
Concen: 54.513 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.004 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

Tgt Ion:142 Resp: 135045
Ion Ratio Lower Upper
142 100
127 41.7 35.6 53.4
141 14.1 11.3 16.9





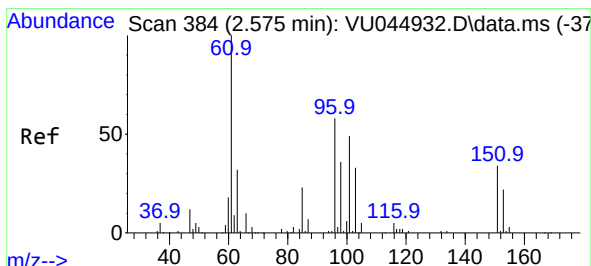
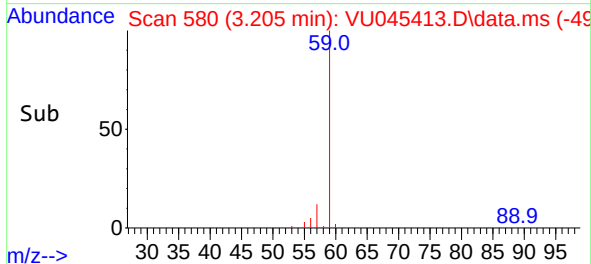
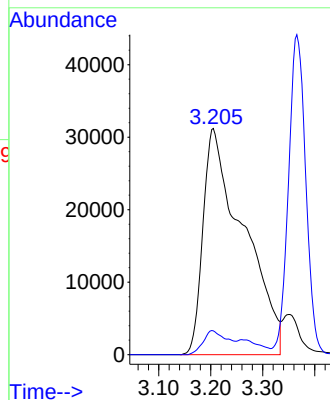
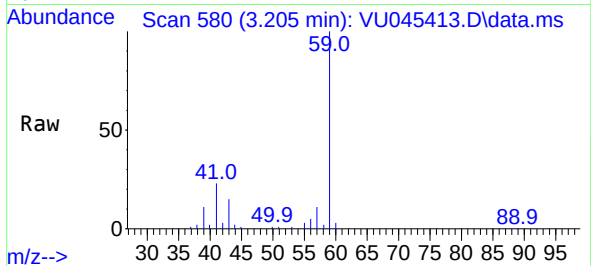
#11
Tert butyl alcohol
Concen: 182.500 ug/l
RT: 3.205 min Scan# 588
Delta R.T. -0.026 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 168245
Ion Ratio Lower Upper
59 100
57 6.4 8.3 12.5

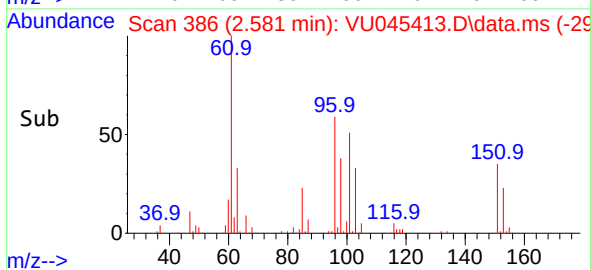
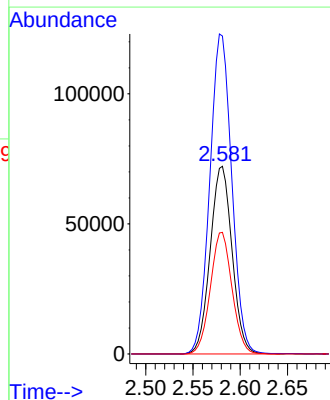
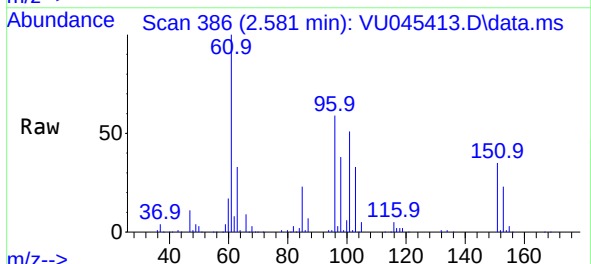
Manual Integrations
APPROVED

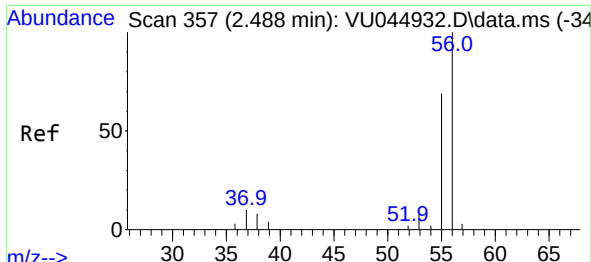
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#12
1,1-Dichloroethene
Concen: 50.831 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.006 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

Tgt Ion: 96 Resp: 116292
Ion Ratio Lower Upper
96 100
61 169.4 145.4 218.0
98 64.8 50.9 76.3





#13

Acrolein

Concen: 284.765 ug/l

RT: 2.491 min Scan# 357

Delta R.T. 0.003 min

Lab File: VU045413.D

Acq: 26 Oct 2021 20:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 5126

Ion Ratio Lower Upper

56 100

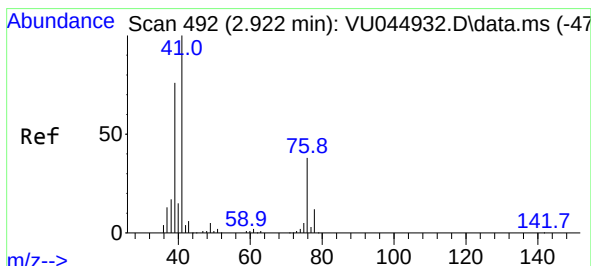
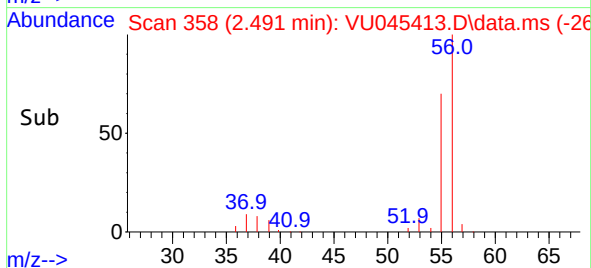
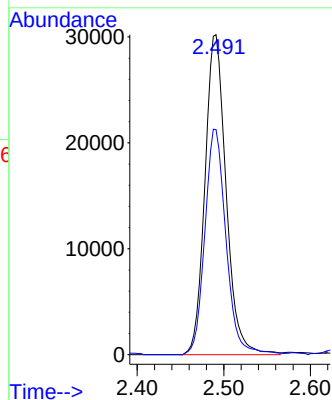
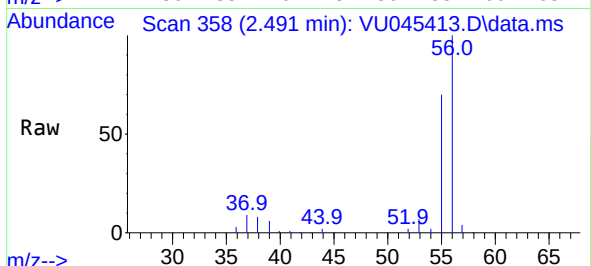
55 70.6 57.4 86.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#14

Allyl chloride

Concen: 51.012 ug/l

RT: 2.925 min Scan# 493

Delta R.T. 0.003 min

Lab File: VU045413.D

Acq: 26 Oct 2021 20:07

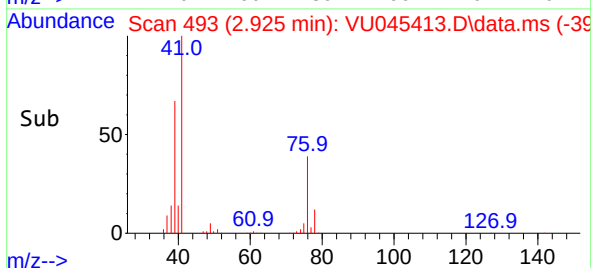
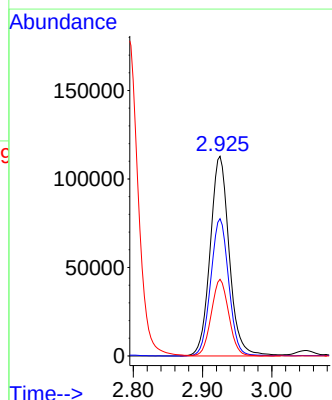
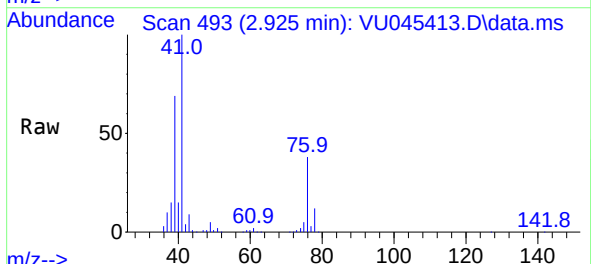
Tgt Ion: 41 Resp: 215979

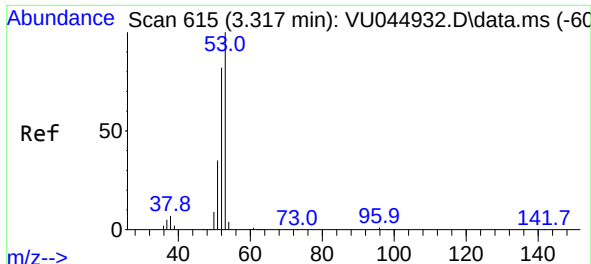
Ion Ratio Lower Upper

41 100

39 64.9 53.0 79.6

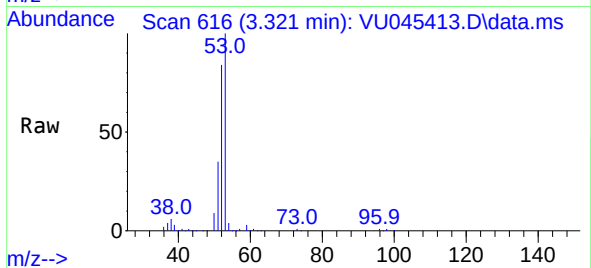
76 35.1 25.7 38.5





#15
Acrylonitrile
Concen: 233.458 ug/l
RT: 3.321 min Scan# 615
Delta R.T. 0.004 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

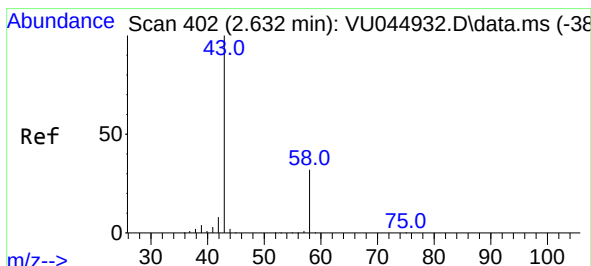
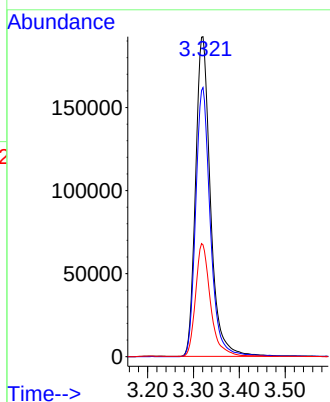
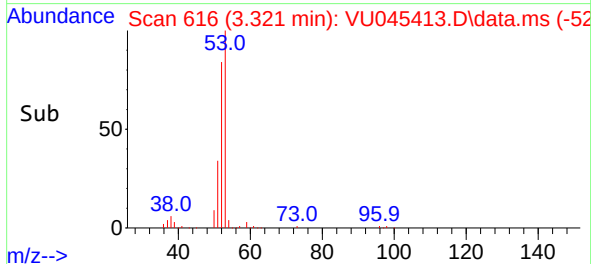
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



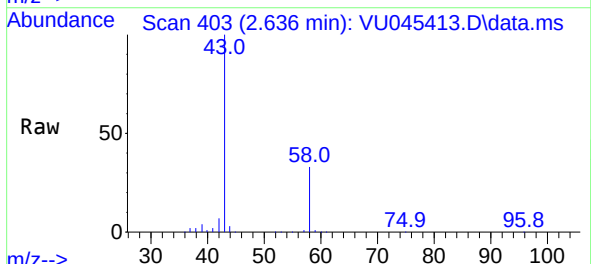
Tgt Ion: 53 Resp: 43405
Ion Ratio Lower Upper
53 100
52 83.2 66.0 99.0
51 35.2 28.6 42.8

Manual Integrations
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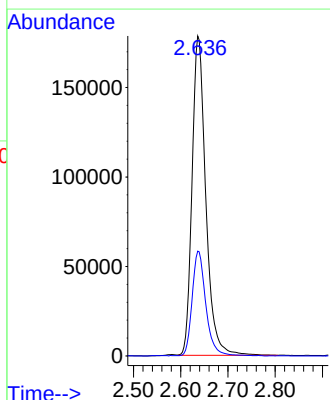
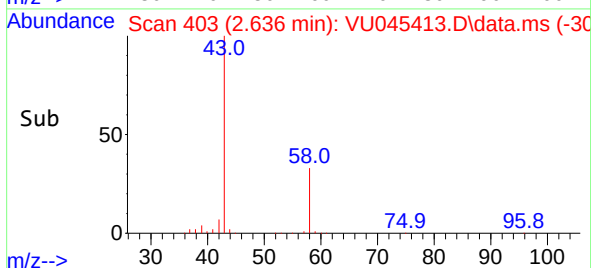
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

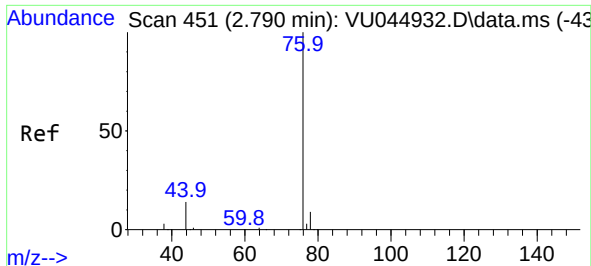


#16
Acetone
Concen: 188.623 ug/l
RT: 2.636 min Scan# 403
Delta R.T. 0.004 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07



Tgt Ion: 43 Resp: 359635
Ion Ratio Lower Upper
43 100
58 32.8 25.2 37.8





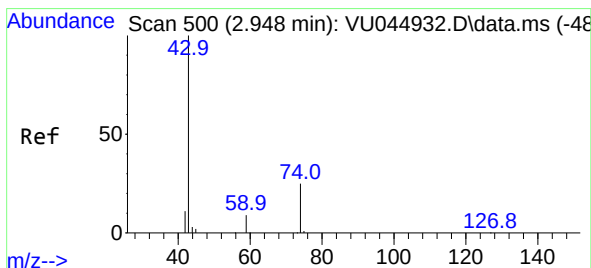
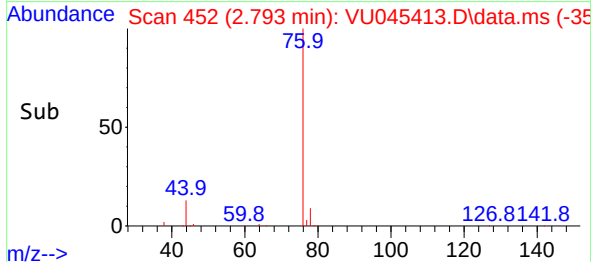
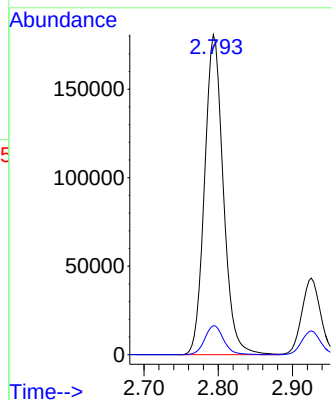
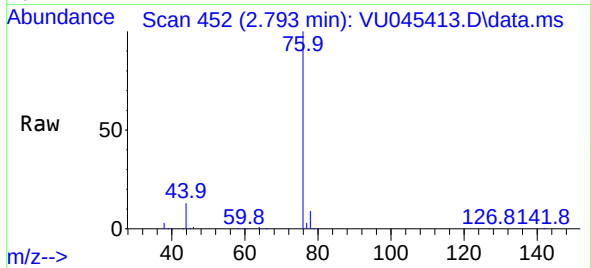
#17
Carbon Disulfide
Concen: 46.896 ug/l
RT: 2.793 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 316710
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

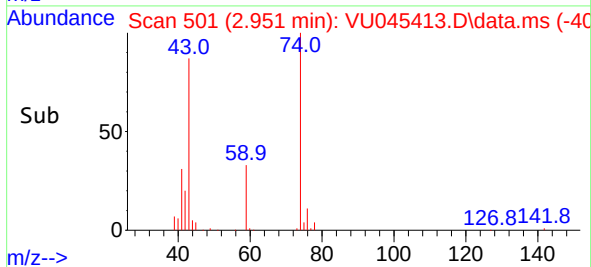
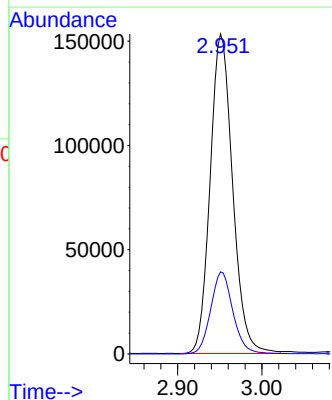
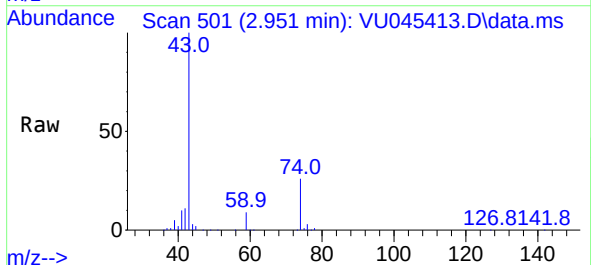
Manual Integrations
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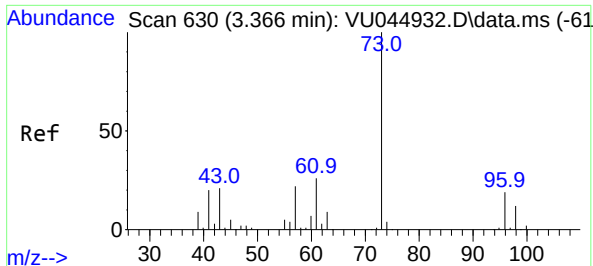
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#18
Methyl Acetate
Concen: 50.978 ug/l
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

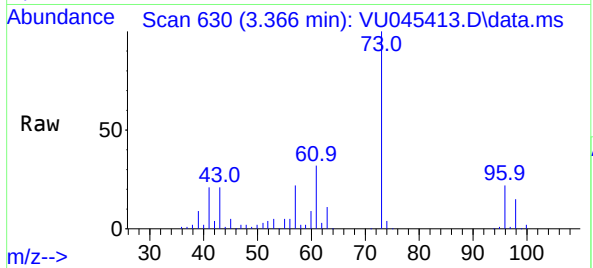
Tgt Ion: 43 Resp: 284077
Ion Ratio Lower Upper
43 100
74 25.5 19.0 28.6





#19
Methyl tert-butyl Ether
Concen: 51.319 ug/l
RT: 3.366 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

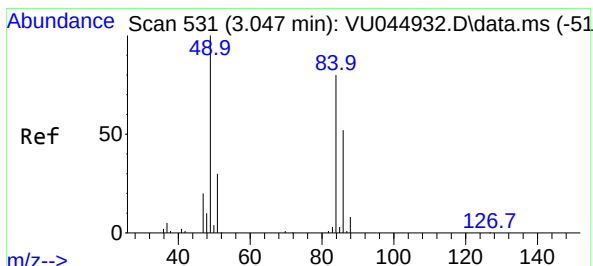
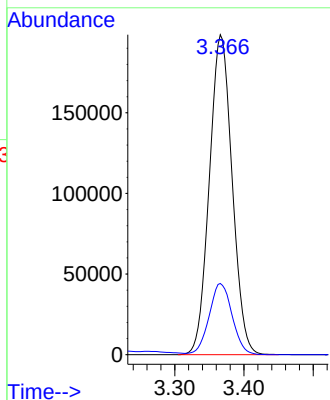
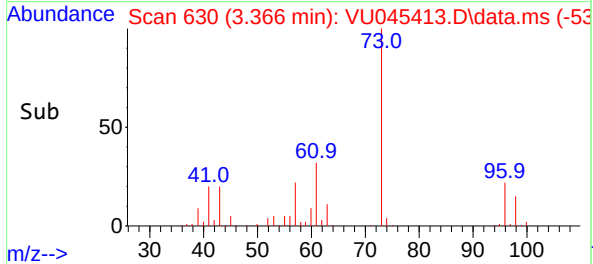
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



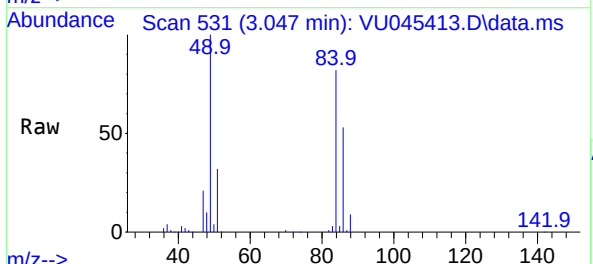
Tgt Ion: 73 Resp: 453220
Ion Ratio Lower Upper
73 100
57 22.2 18.2 27.2

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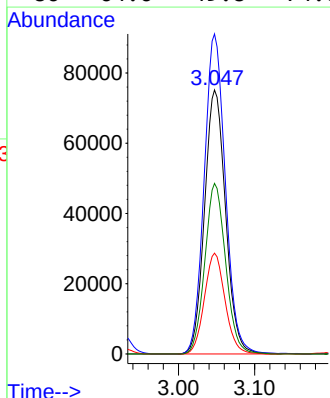
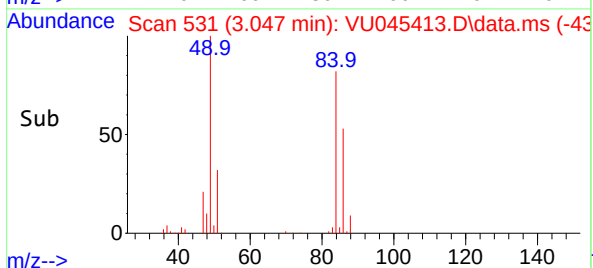
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

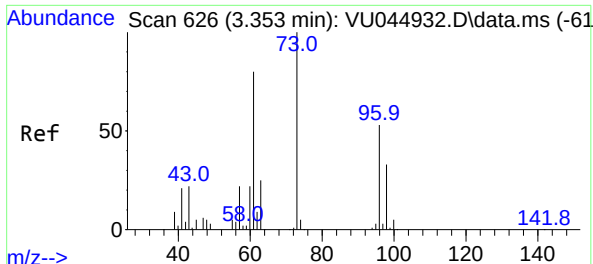


#20
Methylene Chloride
Concen: 50.358 ug/l
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07



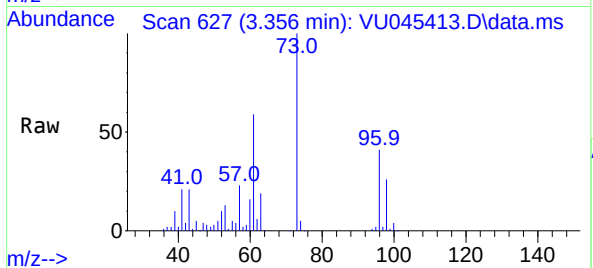
Tgt Ion: 84 Resp: 144620
Ion Ratio Lower Upper
84 100
49 121.2 104.9 157.3
51 38.2 31.8 47.8
86 64.6 49.8 74.6





#21
trans-1,2-Dichloroethene
Concen: 50.489 ug/l
RT: 3.356 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

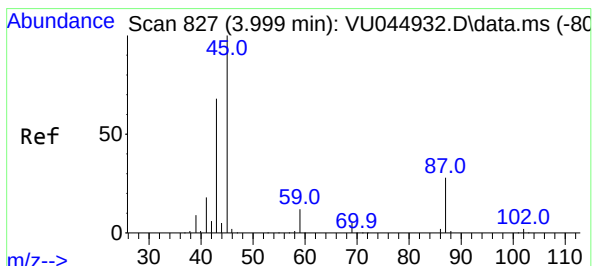
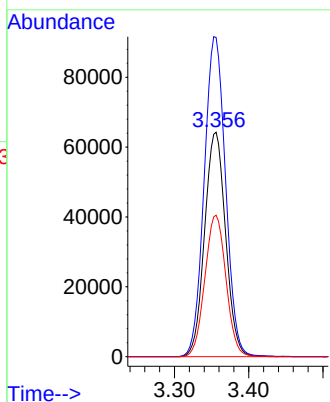
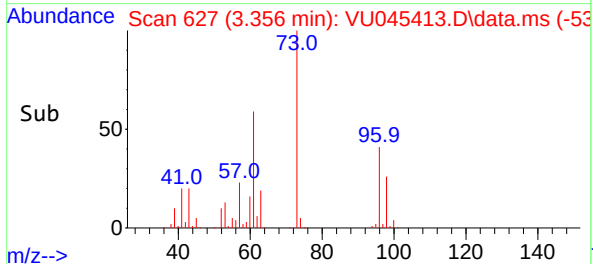
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



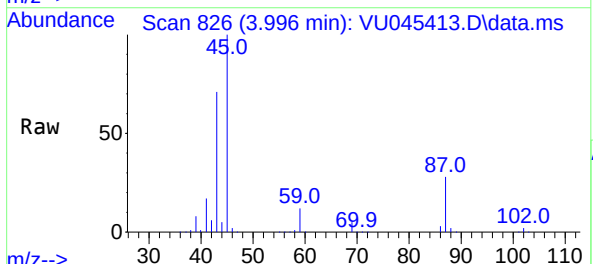
Tgt Ion: 96 Resp: 126359
Ion Ratio Lower Upper
96 100
61 142.2 123.2 184.8
98 63.0 51.0 76.6

Manual Integrations
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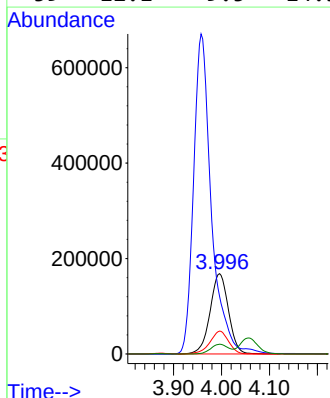
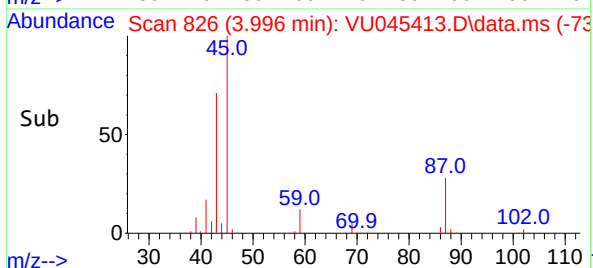
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

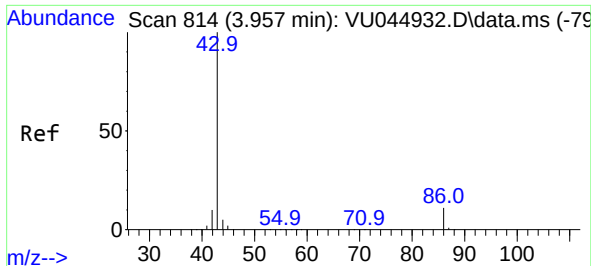


#22
Diisopropyl ether
Concen: 51.901 ug/l
RT: 3.996 min Scan# 826
Delta R.T. -0.003 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07



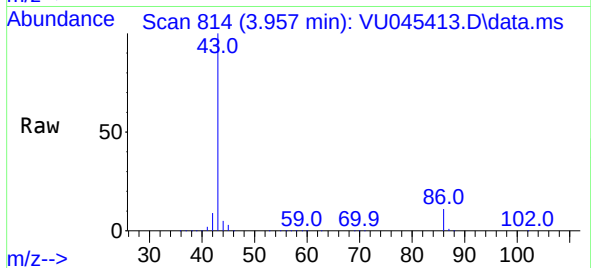
Tgt Ion: 45 Resp: 448627
Ion Ratio Lower Upper
45 100
43 70.7 62.3 93.5
87 28.4 21.0 31.4
59 12.1 9.5 14.3





#23
 Vinyl Acetate
 Concen: 243.099 ug/l
 RT: 3.957 min Scan# 814
 Delta R.T. 0.000 min
 Lab File: VU045413.D
 Acq: 26 Oct 2021 20:07

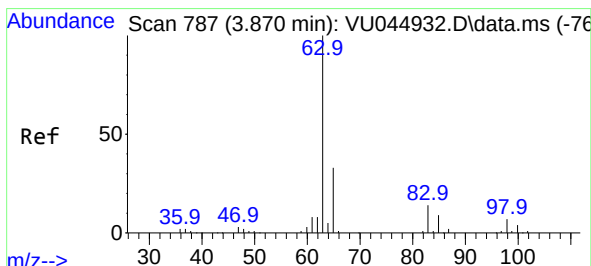
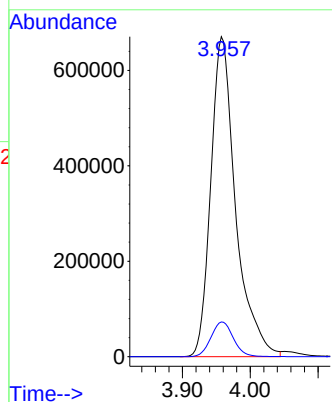
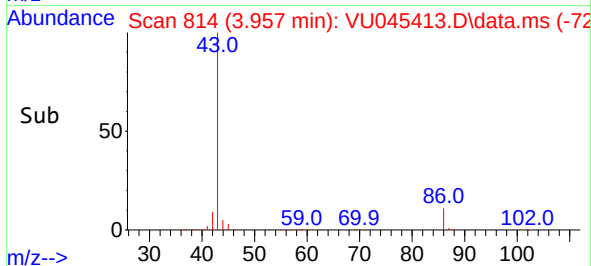
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC



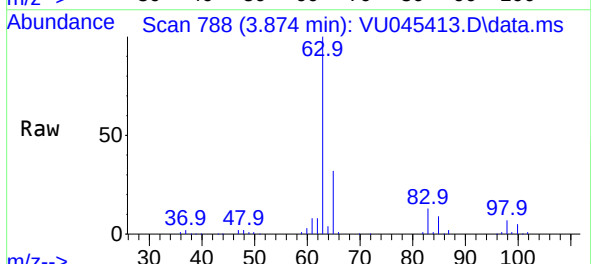
Tgt Ion: 43 Resp: 1709038
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.2 12.4

Manual Integrations
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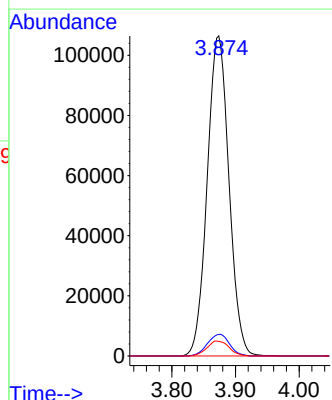
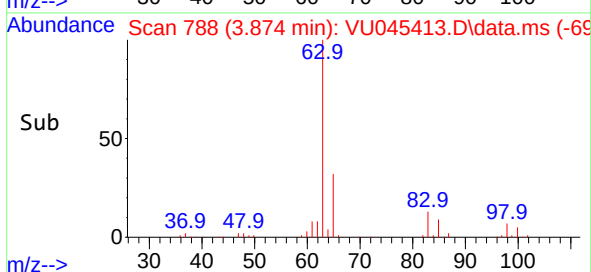
Reviewed By :John Carlone 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021

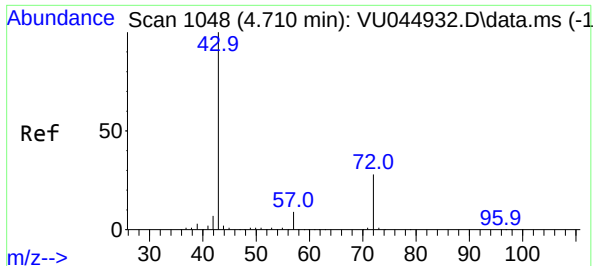


#24
 1,1-Dichloroethane
 Concen: 50.928 ug/l
 RT: 3.874 min Scan# 788
 Delta R.T. 0.004 min
 Lab File: VU045413.D
 Acq: 26 Oct 2021 20:07



Tgt Ion: 63 Resp: 252713
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.4
 100 4.5 2.1 6.3





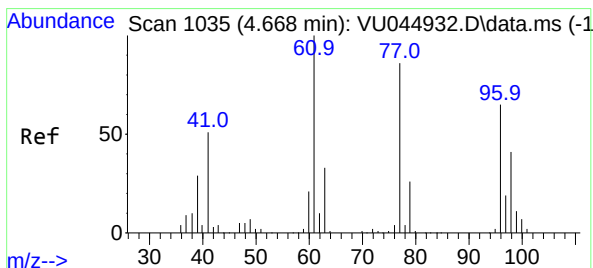
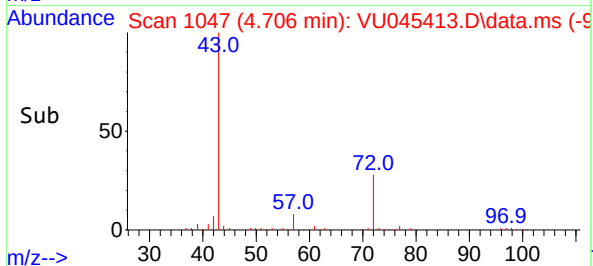
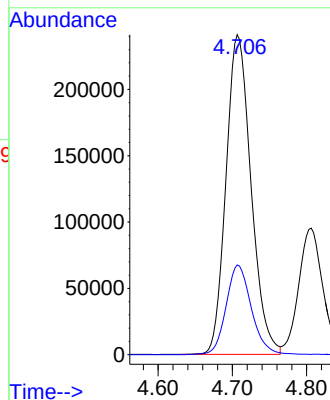
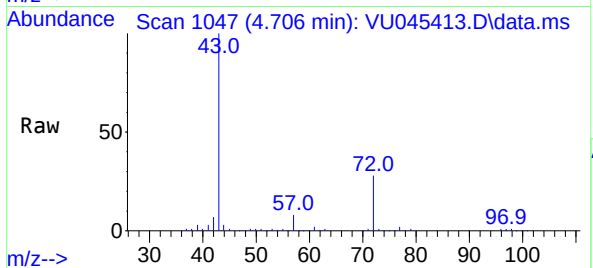
#25
2-Butanone
Concen: 208.818 ug/l
RT: 4.706 min Scan# 1047
Delta R.T. -0.004 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 565664
Ion Ratio Lower Upper
43 100
72 28.1 21.3 31.9

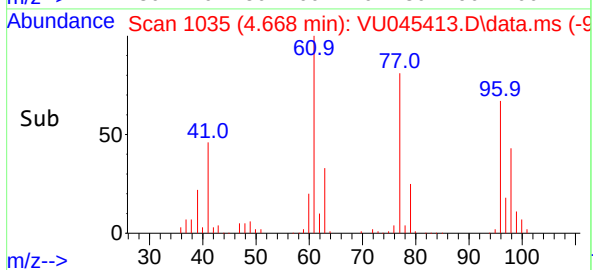
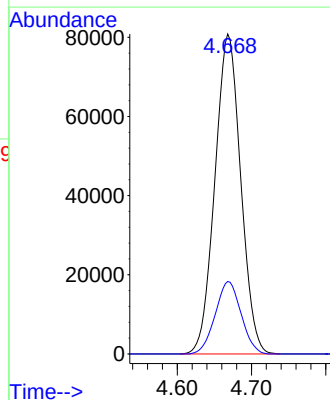
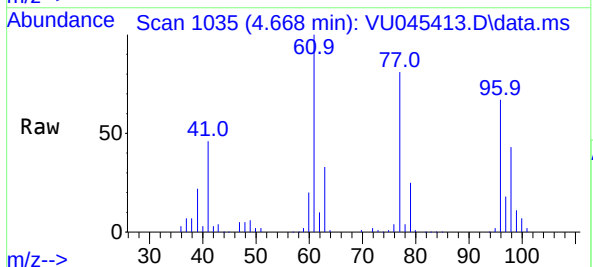
Manual Integrations
APPROVED

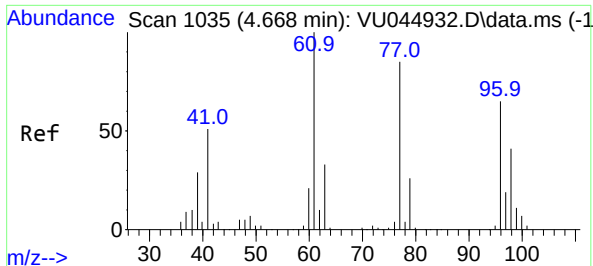
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#26
2,2-Dichloropropane
Concen: 46.533 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

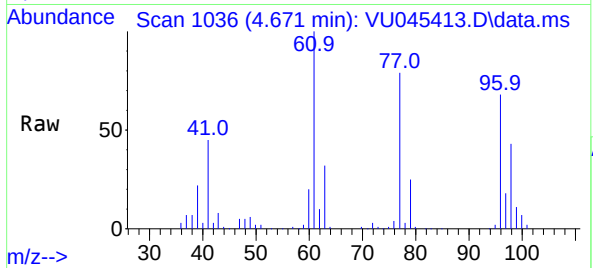
Tgt Ion: 77 Resp: 195221
Ion Ratio Lower Upper
77 100
97 22.7 10.8 32.4





#27
cis-1,2-Dichloroethene
Concen: 50.713 ug/l
RT: 4.671 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

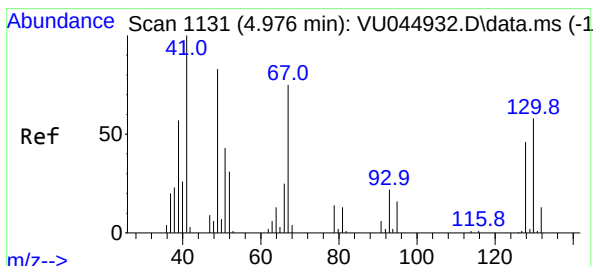
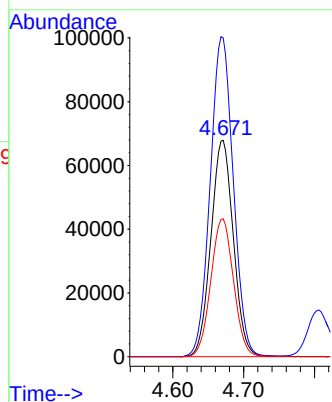
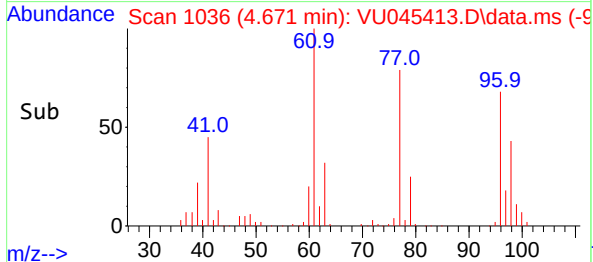
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



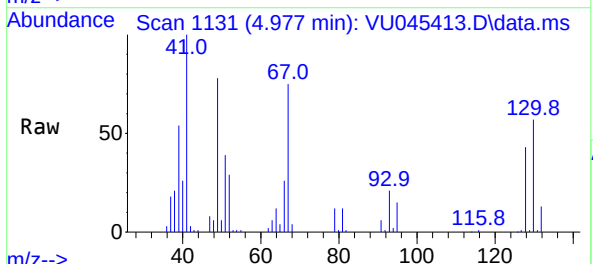
Tgt Ion: 96 Resp: 149900
Ion Ratio Lower Upper
96 100
61 151.5 0.0 313.4
98 64.3 0.0 127.0

Manual Integrations
APPROVED

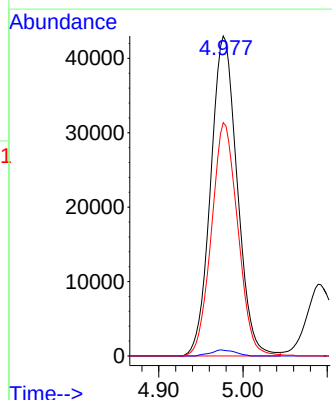
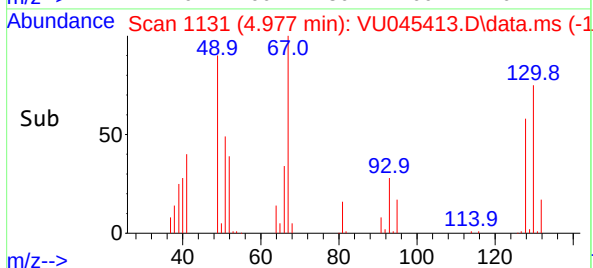
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

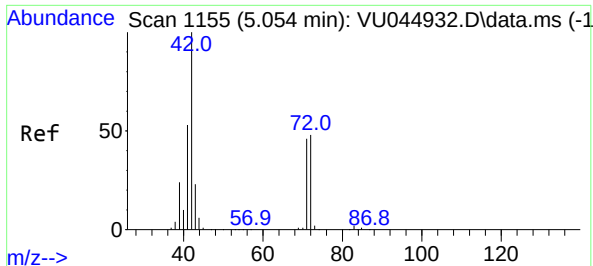


#28
Bromochloromethane
Concen: 45.702 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. 0.001 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07



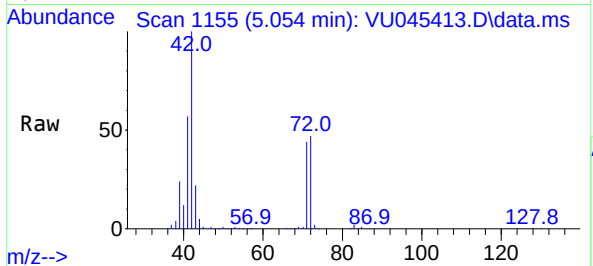
Tgt Ion: 49 Resp: 93996
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.2
130 72.3 53.4 80.2





#29
Tetrahydrofuran
Concen: 225.820 ug/l
RT: 5.054 min Scan# 1155
Delta R.T. -0.000 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

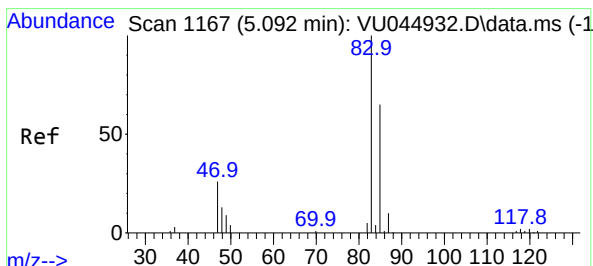
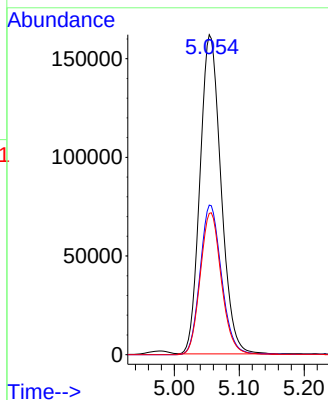
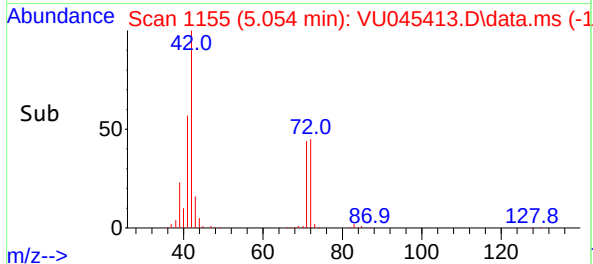
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



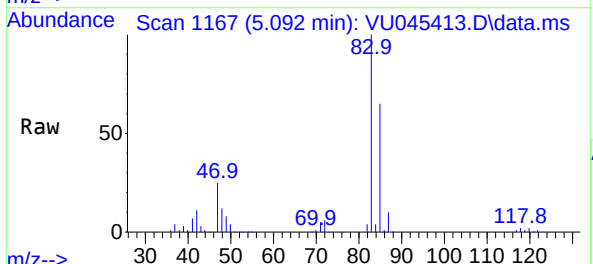
Tgt Ion: 42 Resp: 36414
Ion Ratio Lower Upper
42 100
72 47.9 36.2 54.4
71 44.8 34.1 51.1

Manual Integrations
APPROVED

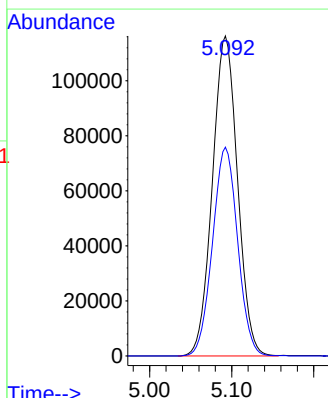
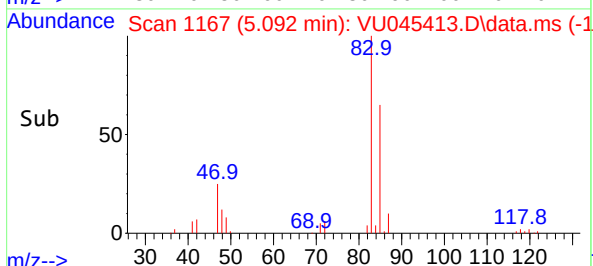
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

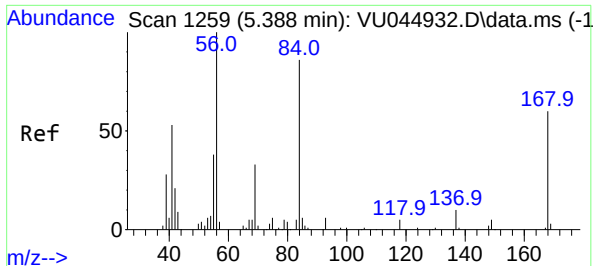


#30
Chloroform
Concen: 49.552 ug/l
RT: 5.092 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07



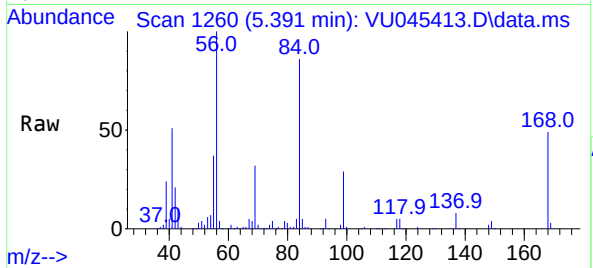
Tgt Ion: 83 Resp: 247828
Ion Ratio Lower Upper
83 100
85 65.3 52.1 78.1





#31
Cyclohexane
Concen: 48.524 ug/l
RT: 5.391 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

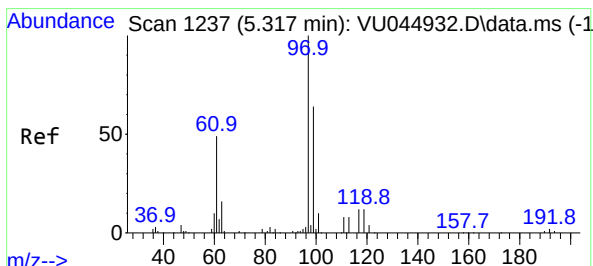
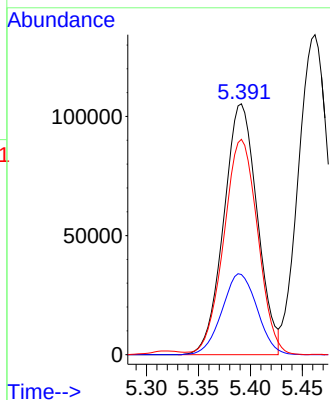
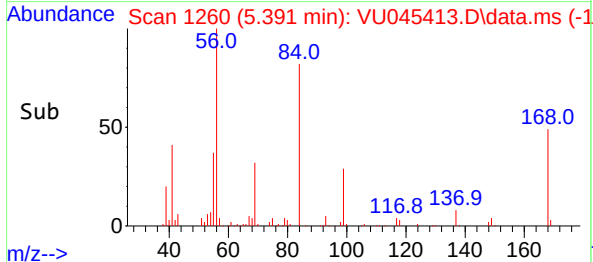
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



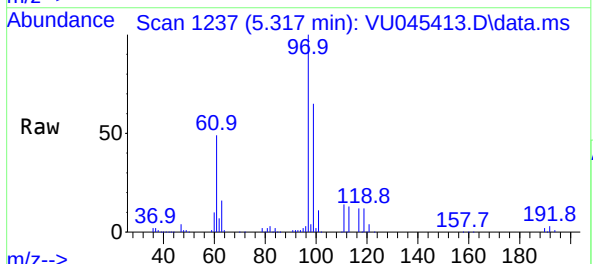
Tgt Ion: 56 Resp: 23675
Ion Ratio Lower Upper
56 100
69 31.9 25.2 37.8
84 84.6 66.4 99.6

Manual Integrations
APPROVED

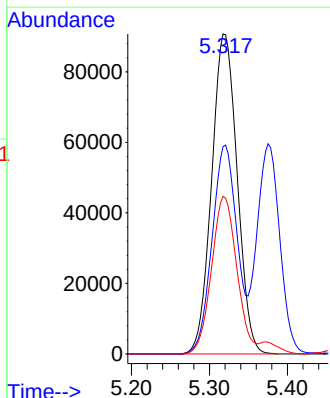
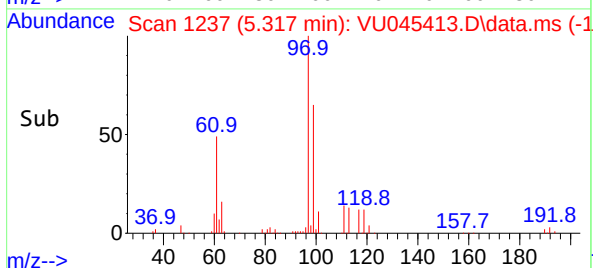
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

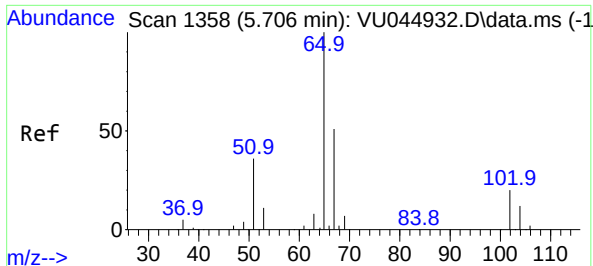


#32
1,1,1-Trichloroethane
Concen: 50.023 ug/l
RT: 5.317 min Scan# 1237
Delta R.T. 0.000 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07



Tgt Ion: 97 Resp: 206428
Ion Ratio Lower Upper
97 100
99 64.8 50.9 76.3
61 48.9 40.7 61.1





#33

1,2-Dichloroethane-d4

Concen: 54.721 ug/l

RT: 5.703 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU045413.D

Acq: 26 Oct 2021 20:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 17576

Ion Ratio Lower Upper

65 100

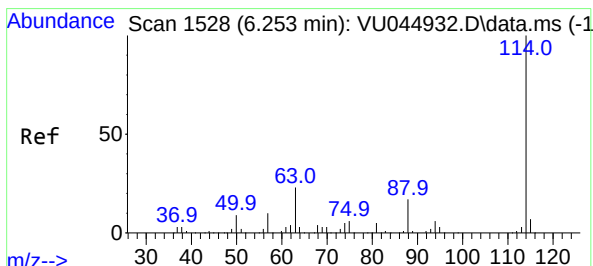
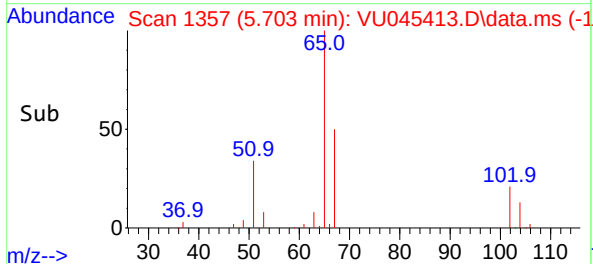
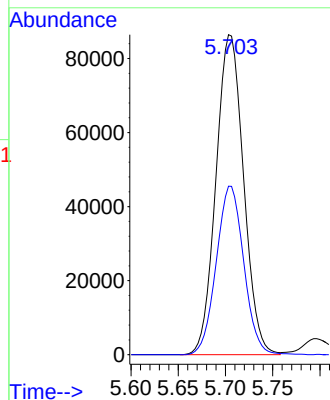
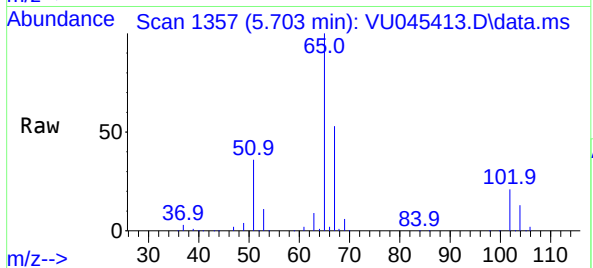
67 52.4 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU045413.D

Acq: 26 Oct 2021 20:07

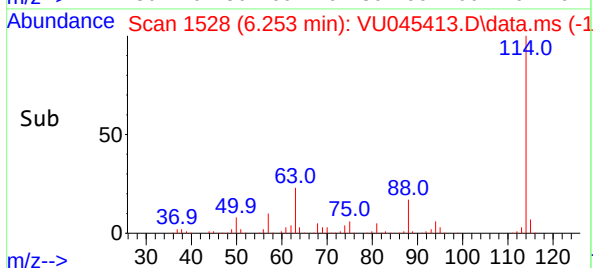
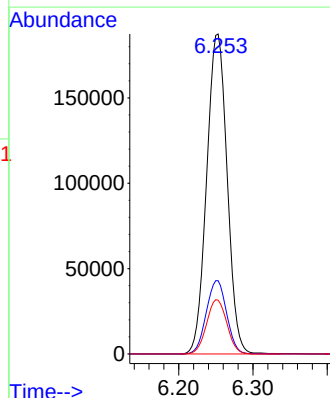
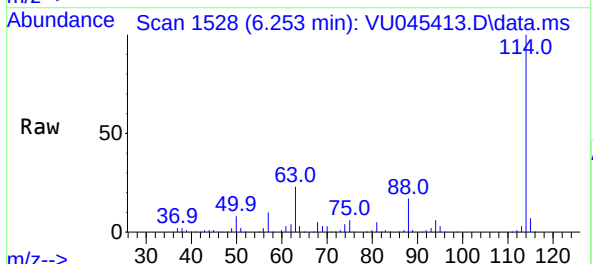
Tgt Ion:114 Resp: 358821

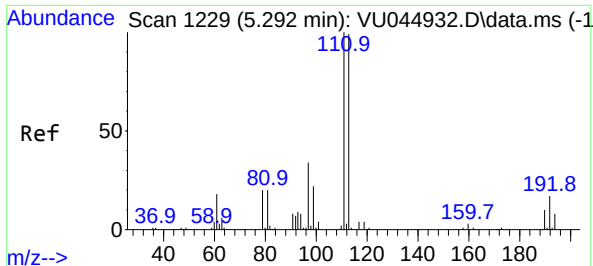
Ion Ratio Lower Upper

114 100

63 22.9 0.0 47.8

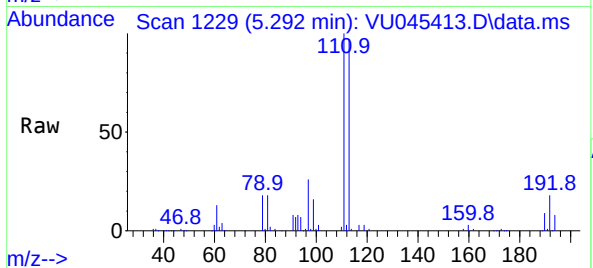
88 16.8 0.0 32.8





#35
Dibromofluoromethane
Concen: 56.207 ug/l
RT: 5.292 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

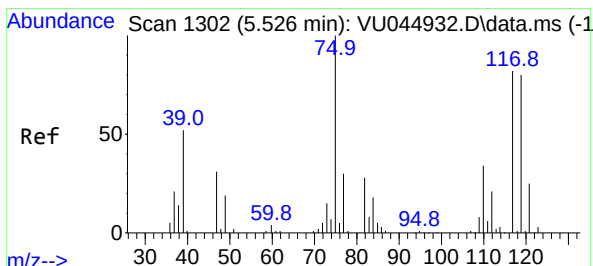
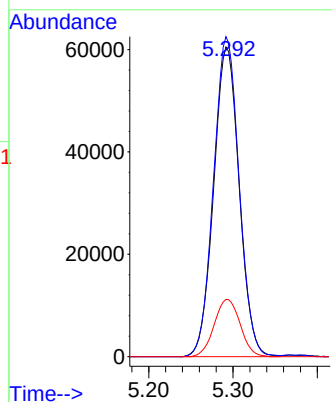
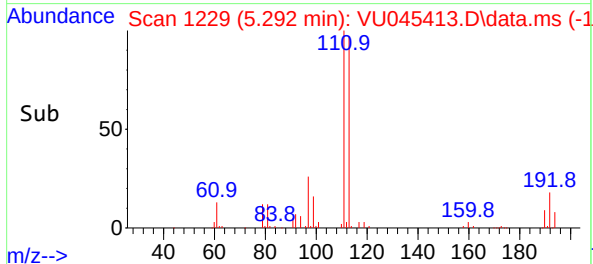
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 127228
Ion Ratio Lower Upper
113 100
111 103.3 84.1 126.1
192 18.8 14.8 22.2

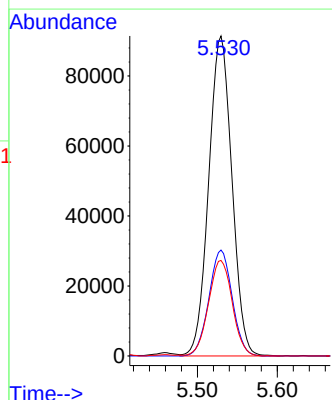
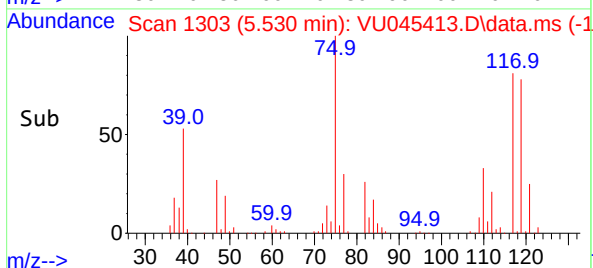
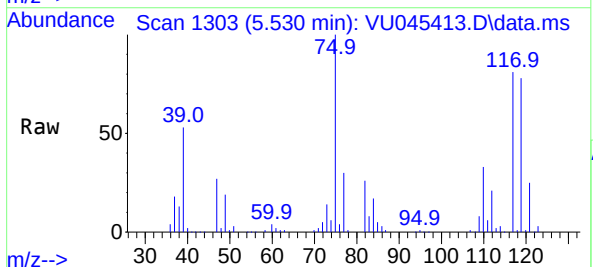
Manual Integrations
APPROVED

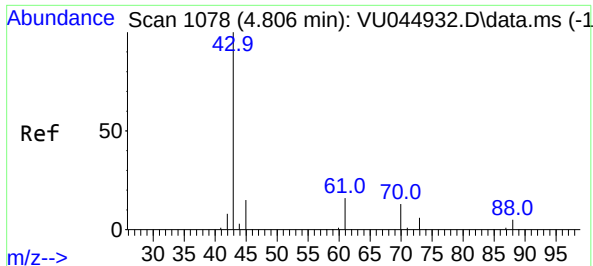
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#36
1,1-Dichloropropene
Concen: 49.083 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.004 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

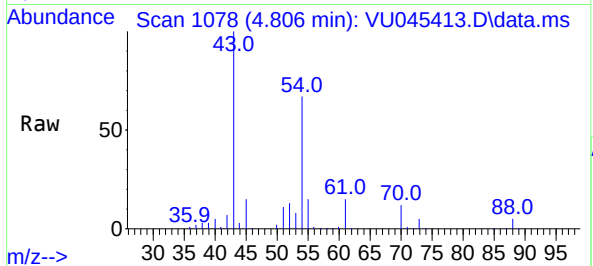
Tgt Ion: 75 Resp: 184181
Ion Ratio Lower Upper
75 100
110 33.2 16.3 48.9
77 30.6 25.0 37.4





#37
Ethyl Acetate
Concen: 43.655 ug/l
RT: 4.806 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

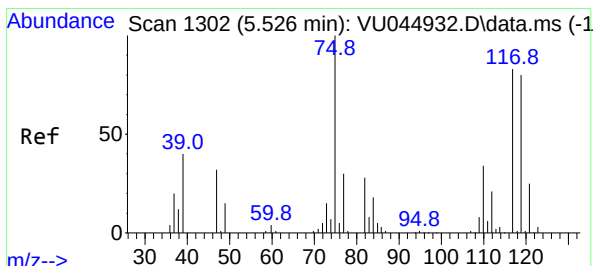
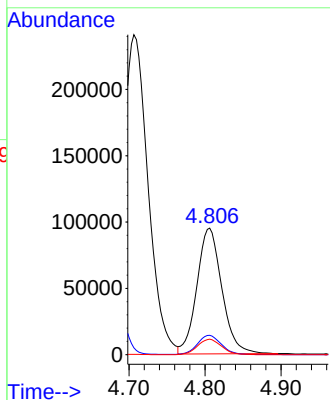
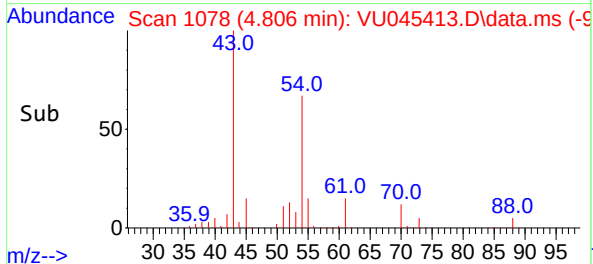
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 21674
Ion Ratio Lower Upper
43 100
61 14.6 10.9 16.3
70 11.8 8.2 12.4

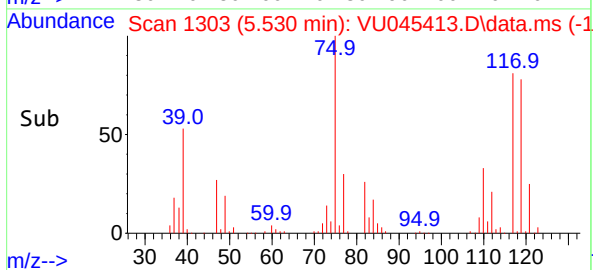
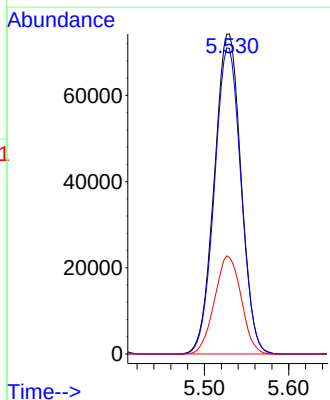
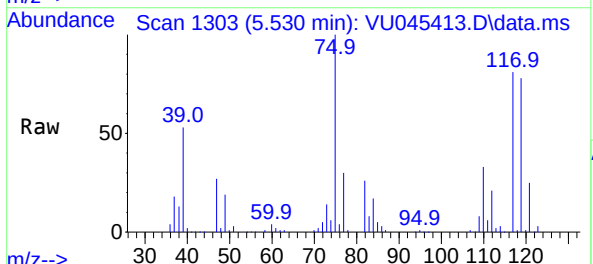
Manual Integrations
APPROVED

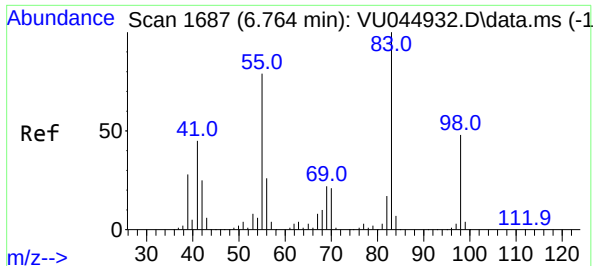
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#38
Carbon Tetrachloride
Concen: 50.260 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.004 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

Tgt Ion:117 Resp: 163196
Ion Ratio Lower Upper
117 100
119 95.5 77.4 116.2
121 30.2 24.5 36.7





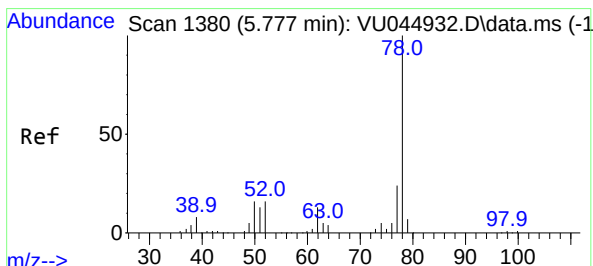
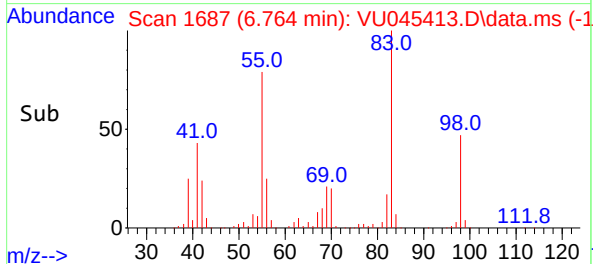
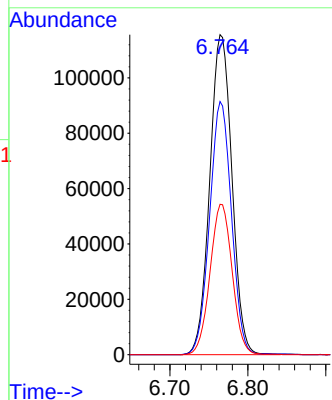
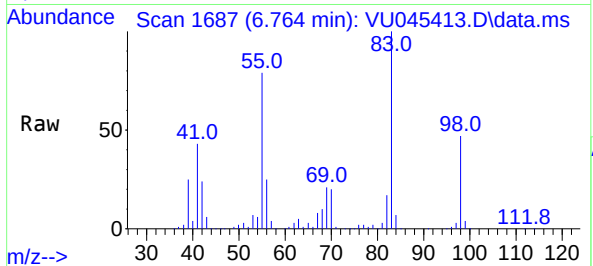
#39
Methylcyclohexane
Concen: 49.616 ug/l
RT: 6.764 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 22855
Ion Ratio Lower Upper
83 100
55 79.1 66.2 99.4
98 47.0 37.5 56.3

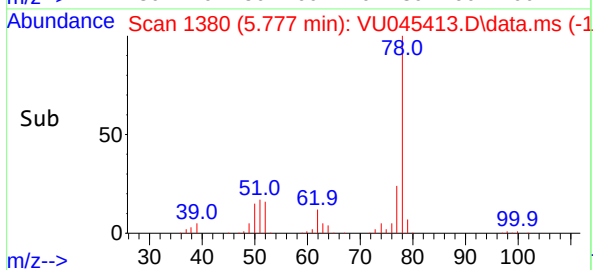
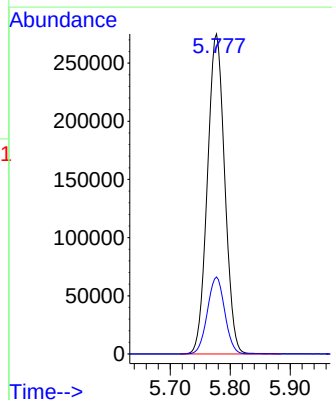
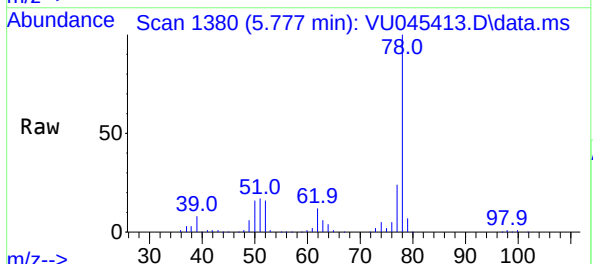
Manual Integrations
APPROVED

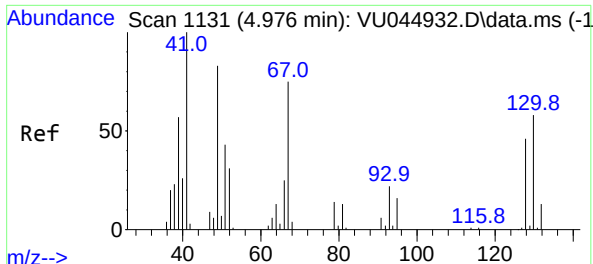
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#40
Benzene
Concen: 49.471 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

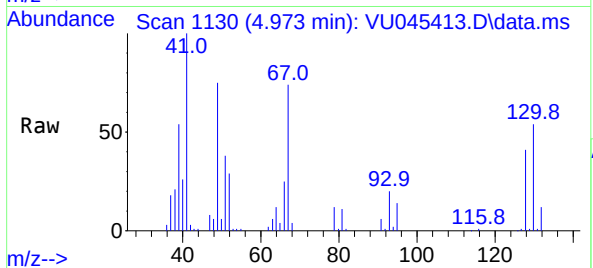
Tgt Ion: 78 Resp: 552885
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7





#41
Methacrylonitrile
Concen: 47.605 ug/l
RT: 4.973 min Scan# 1131
Delta R.T. -0.003 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

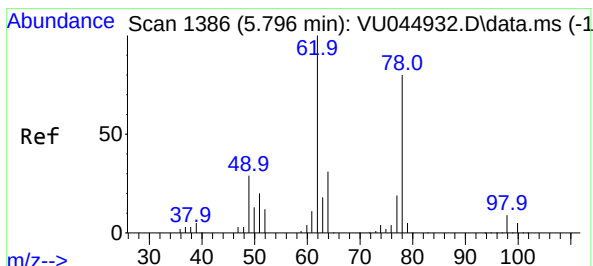
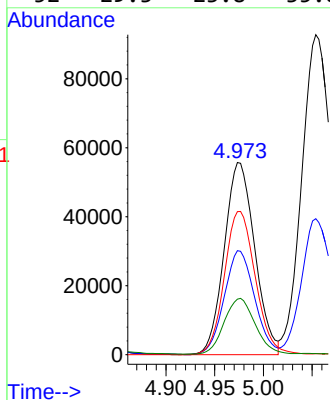
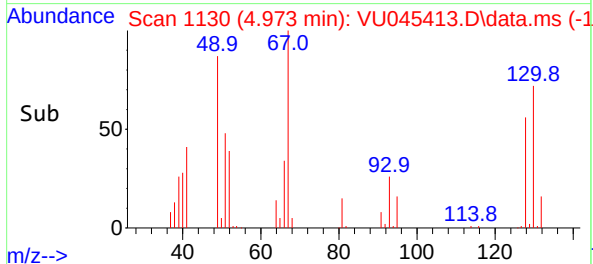
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 121670
Ion Ratio Lower Upper
41 100
39 54.1 44.4 66.6
67 75.7 58.1 87.1
52 29.3 23.8 35.8

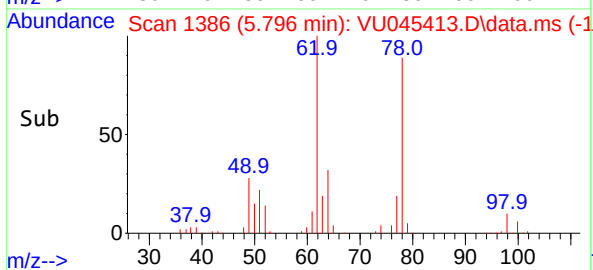
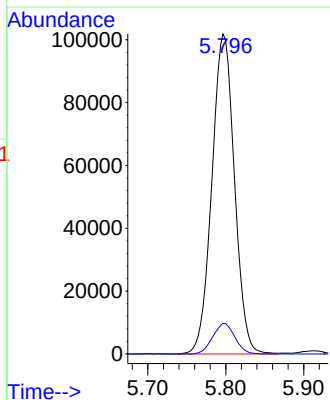
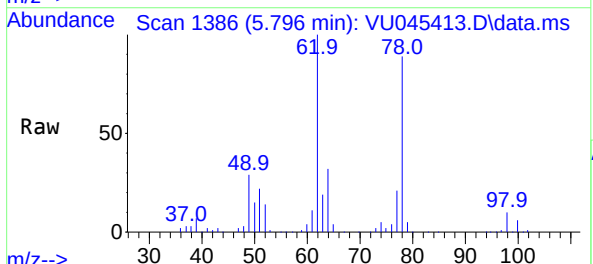
Manual Integrations
APPROVED

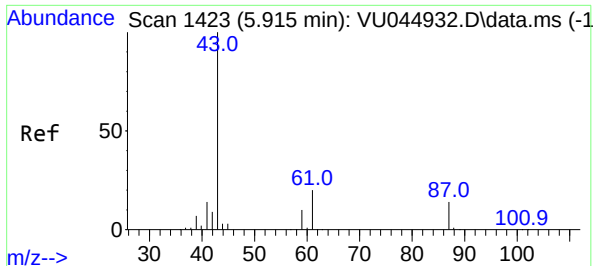
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#42
1,2-Dichloroethane
Concen: 46.651 ug/l
RT: 5.796 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

Tgt Ion: 62 Resp: 204924
Ion Ratio Lower Upper
62 100
98 9.3 0.0 17.8





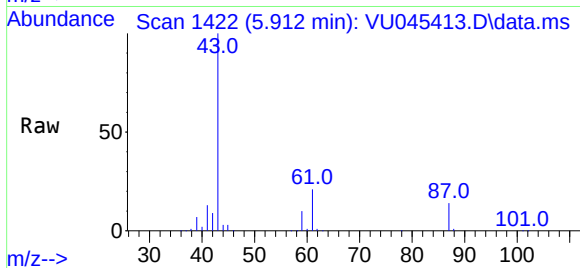
#43
Isopropyl Acetate
Concen: 45.961 ug/l
RT: 5.912 min Scan# 1423
Delta R.T. -0.003 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC



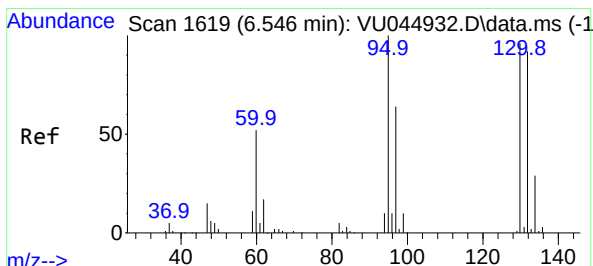
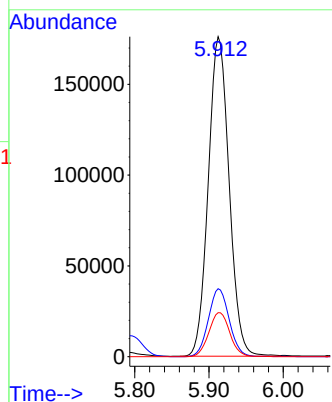
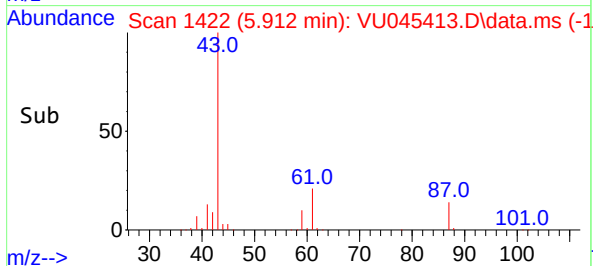
Tgt Ion: 43 Resp: 343300
Ion Ratio Lower Upper
43 100
61 21.3 16.1 24.1
87 13.9 10.3 15.5

Manual Integrations

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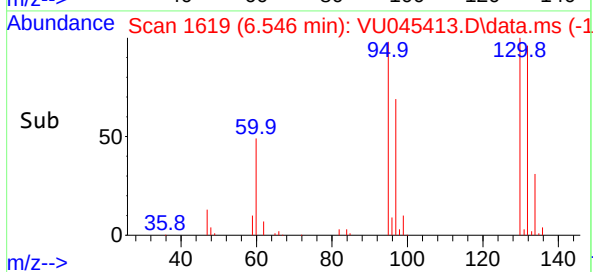
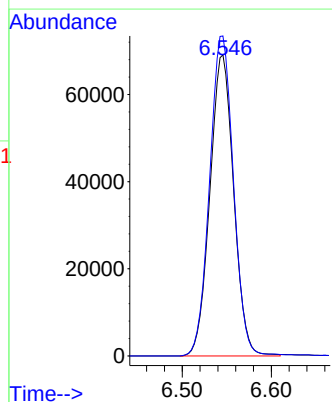
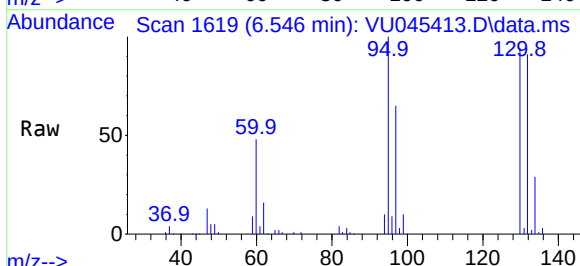
Reviewed By :John Carlone 10/27/2021

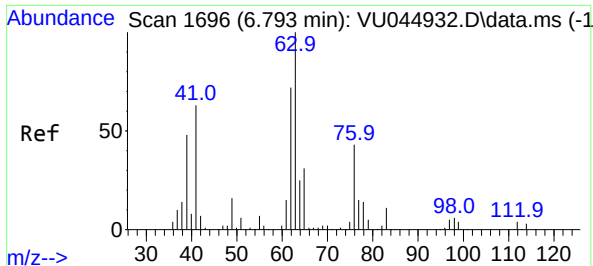
Supervised By :Mahesh Dadoda 10/27/2021



#44
Trichloroethene
Concen: 48.555 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

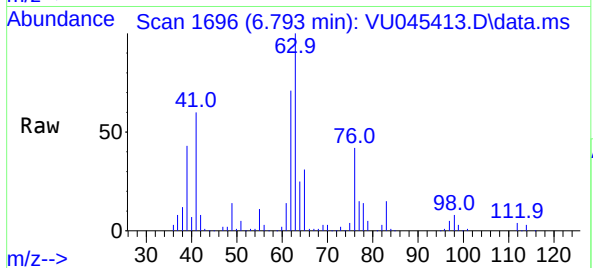
Tgt Ion:130 Resp: 127942
Ion Ratio Lower Upper
130 100
95 106.3 0.0 209.0





#45
1,2-Dichloropropane
Concen: 49.370 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. 0.000 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

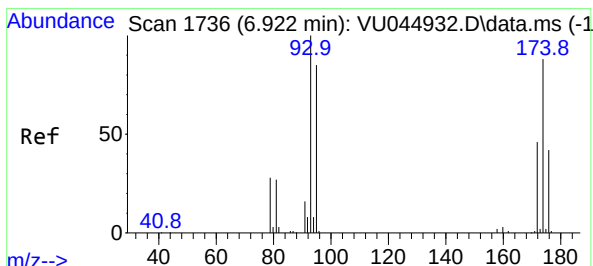
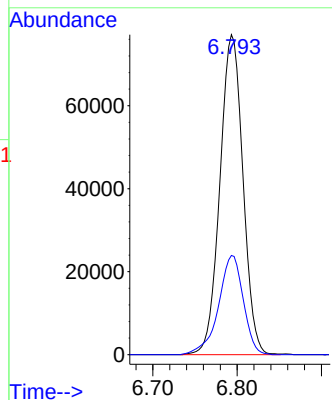
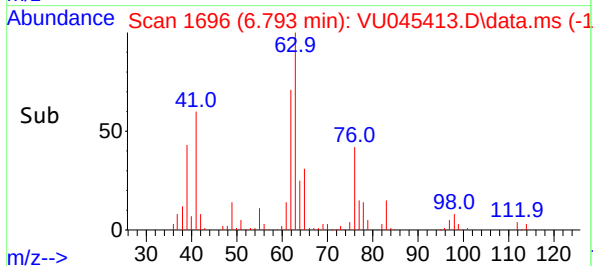
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 146285
Ion Ratio Lower Upper
63 100
65 31.0 23.9 35.9

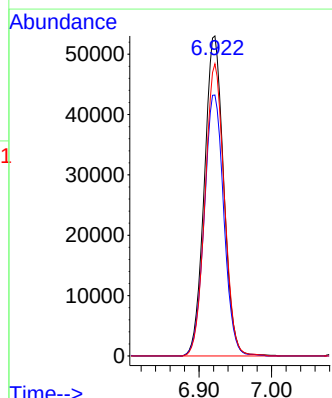
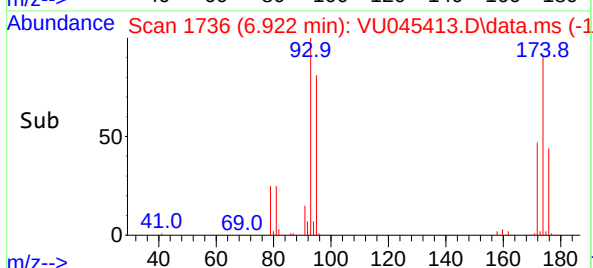
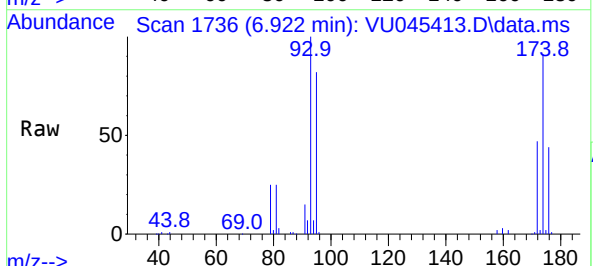
Manual Integrations
APPROVED

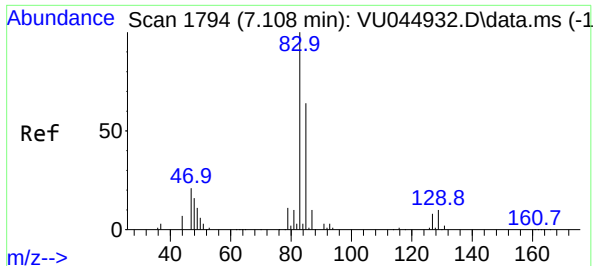
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#46
Dibromomethane
Concen: 49.089 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

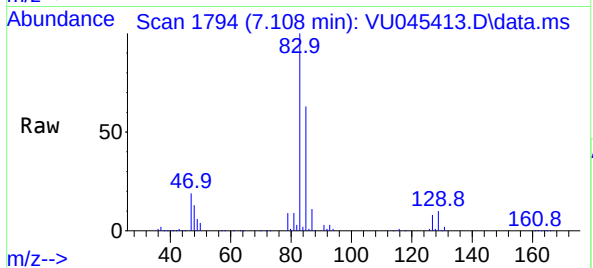
Tgt Ion: 93 Resp: 97985
Ion Ratio Lower Upper
93 100
95 82.6 65.6 98.4
174 90.9 70.7 106.1





#47
Bromodichloromethane
Concen: 49.960 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

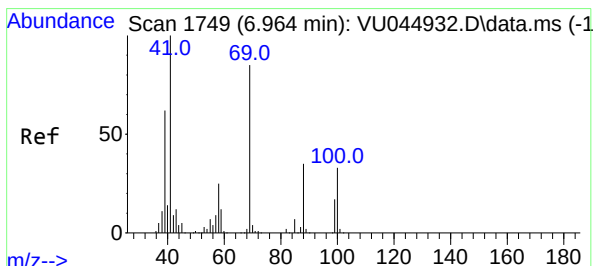
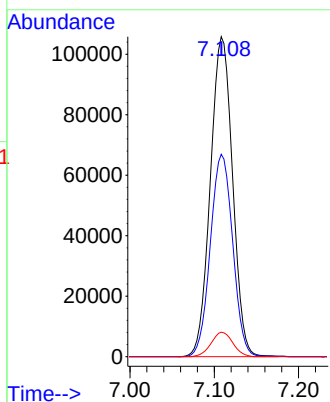
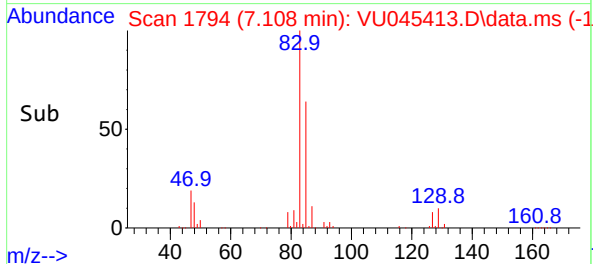
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



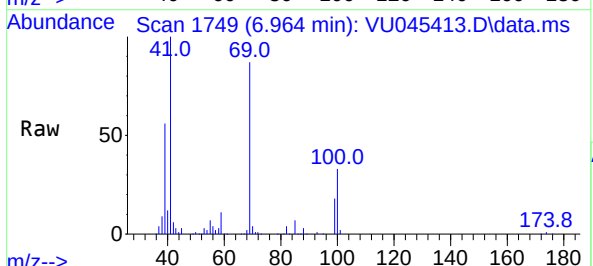
Tgt Ion: 83 Resp: 193624
Ion Ratio Lower Upper
83 100
85 63.2 51.6 77.4
127 7.6 6.2 9.4

Manual Integrations
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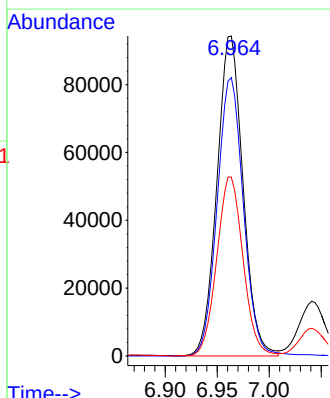
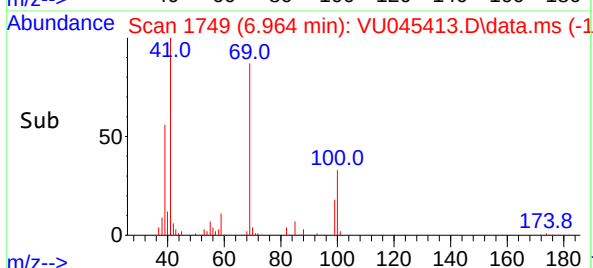
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

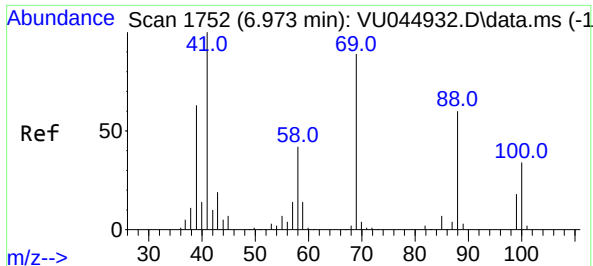


#48
Methyl methacrylate
Concen: 45.353 ug/l
RT: 6.964 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07



Tgt Ion: 41 Resp: 164890
Ion Ratio Lower Upper
41 100
69 87.6 65.6 98.4
39 56.4 46.2 69.4





#49

1,4-Dioxane

Concen: 868.489 ug/l

RT: 7.002 min Scan# 11

Delta R.T. 0.029 min

Lab File: VU045413.D

Acq: 26 Oct 2021 20:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

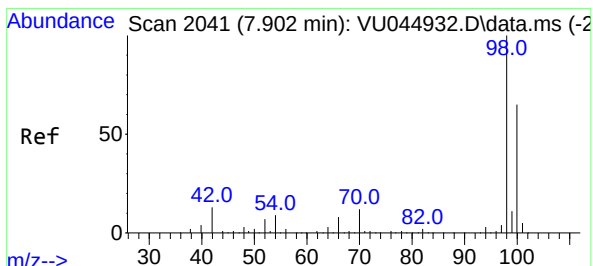
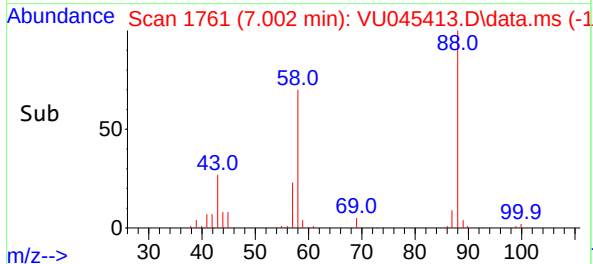
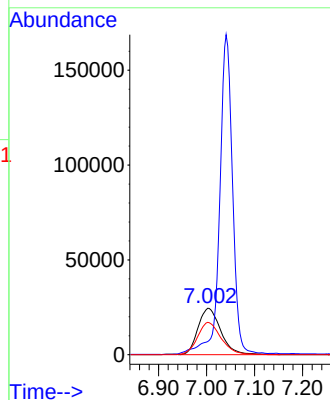
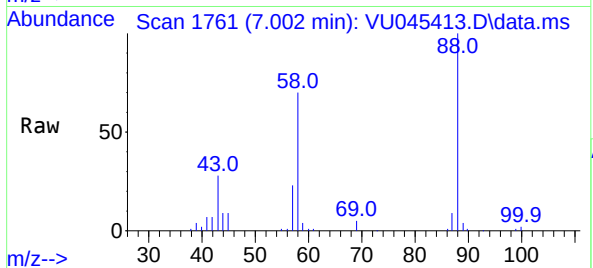
Tgt Ion: 88 Resp: 80875
 Ion Ratio Lower Upper
 88 100
 43 0.0 25.8 38.6
 58 72.1 61.3 91.9

Manual Integrations

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Reviewed By :John Carlone 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#50

Toluene-d8

Concen: 54.856 ug/l

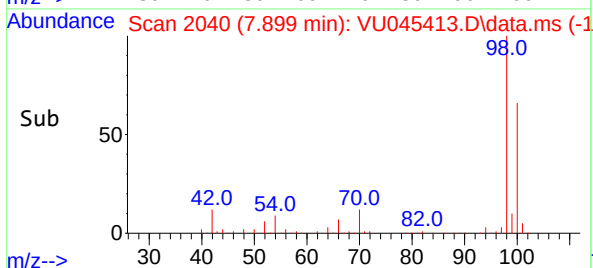
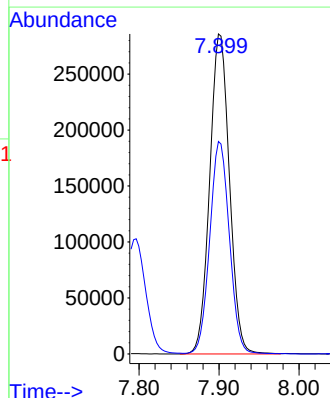
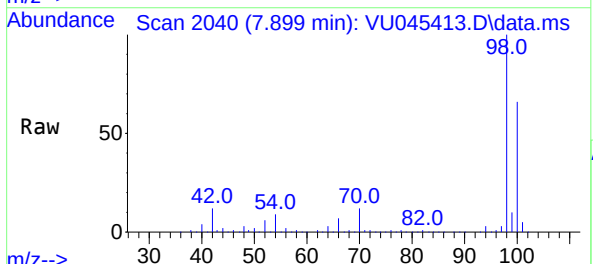
RT: 7.899 min Scan# 2040

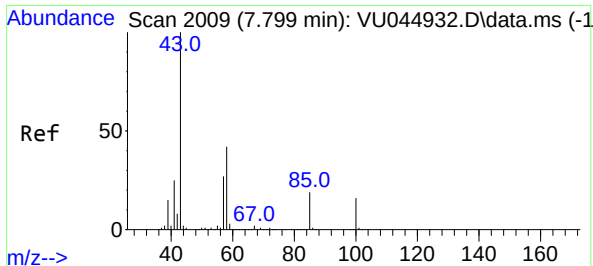
Delta R.T. -0.003 min

Lab File: VU045413.D

Acq: 26 Oct 2021 20:07

Tgt Ion: 98 Resp: 490617
 Ion Ratio Lower Upper
 98 100
 100 66.2 52.5 78.7





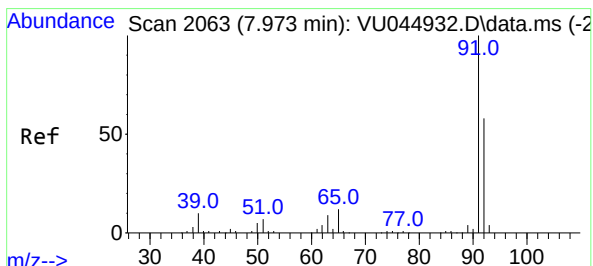
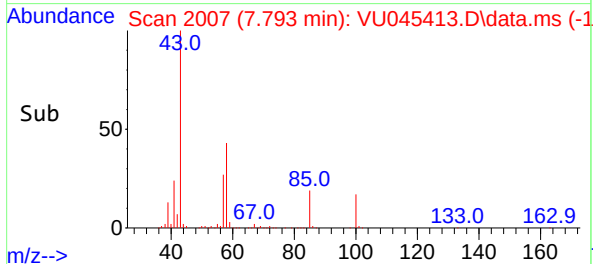
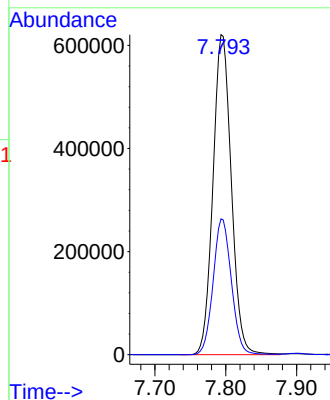
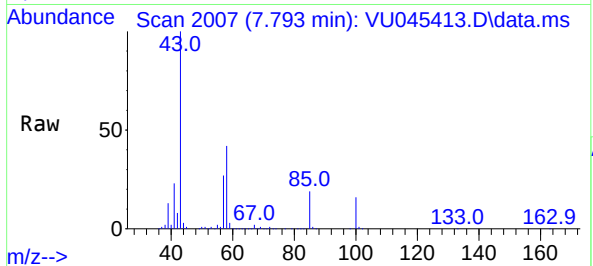
#51
4-Methyl-2-Pentanone
Concen: 204.848 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. -0.006 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 111392
Ion Ratio Lower Upper
43 100
58 42.3 32.4 48.6

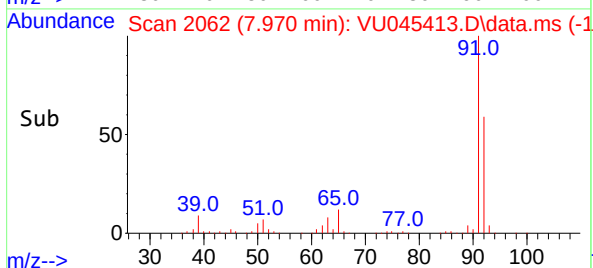
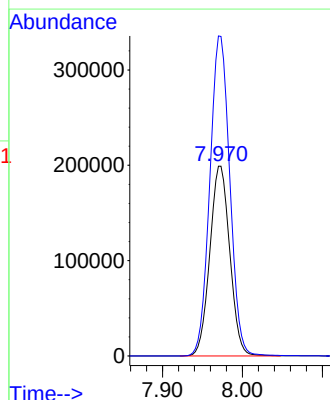
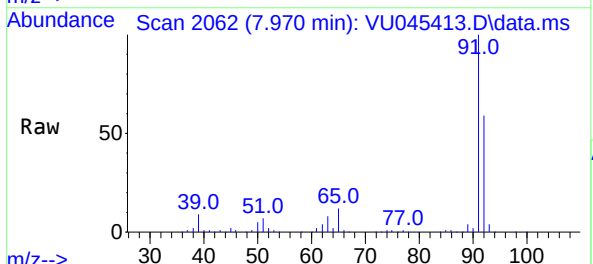
Manual Integrations
APPROVED

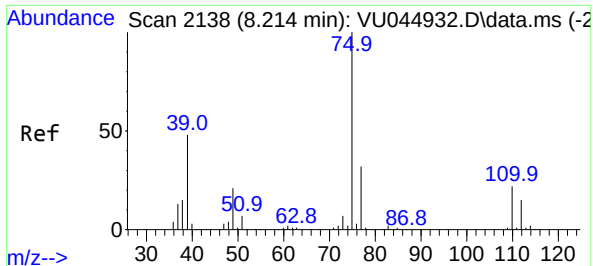
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#52
Toluene
Concen: 49.299 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. -0.003 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

Tgt Ion: 92 Resp: 344830
Ion Ratio Lower Upper
92 100
91 169.0 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 49.041 ug/l

RT: 8.211 min Scan# 2138

Delta R.T. -0.003 min

Lab File: VU045413.D

Acq: 26 Oct 2021 20:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 21734

Ion Ratio Lower Upper

75 100

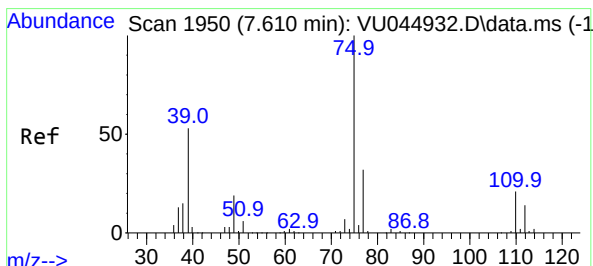
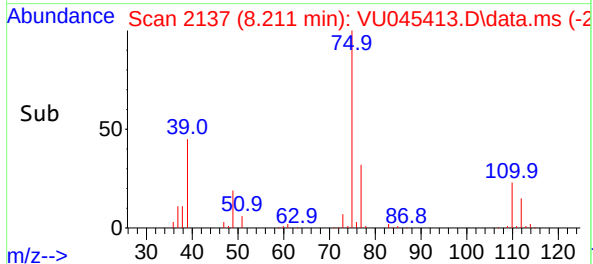
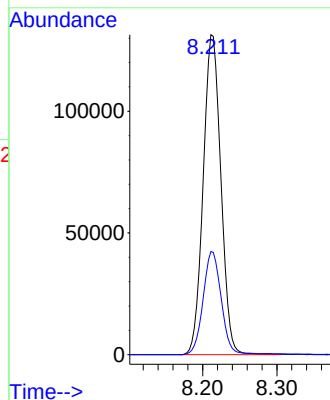
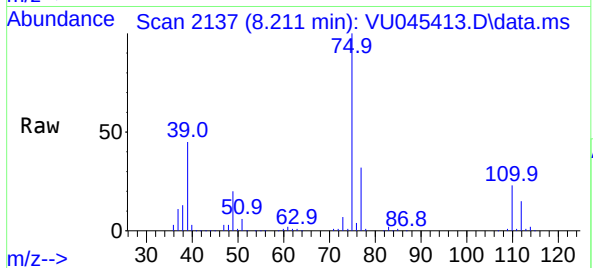
77 32.2 25.6 38.4

Manual Integrations

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Reviewed By :John Carlone 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#54

cis-1,3-Dichloropropene

Concen: 50.828 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU045413.D

Acq: 26 Oct 2021 20:07

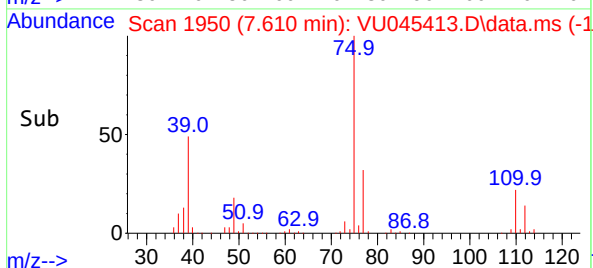
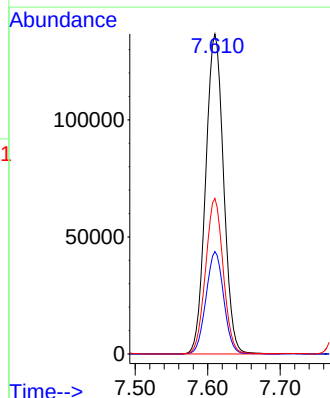
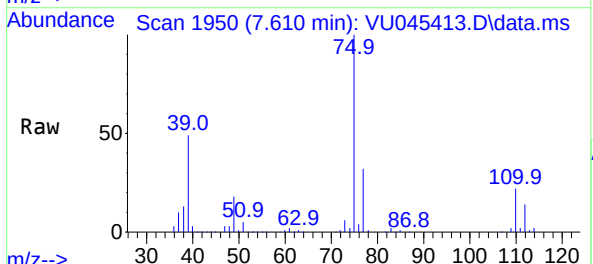
Tgt Ion: 75 Resp: 234645

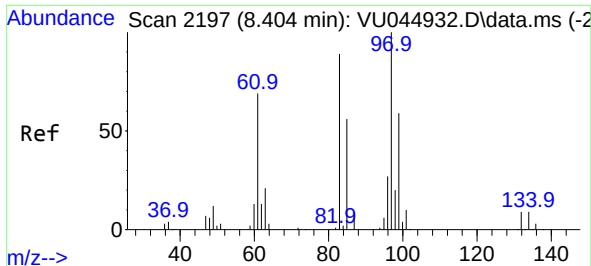
Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.6

39 48.6 41.4 62.2





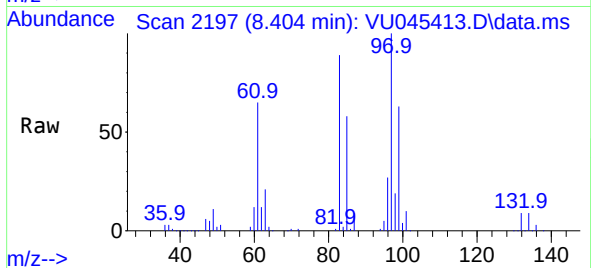
#55
1,1,2-Trichloroethane
Concen: 47.323 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC



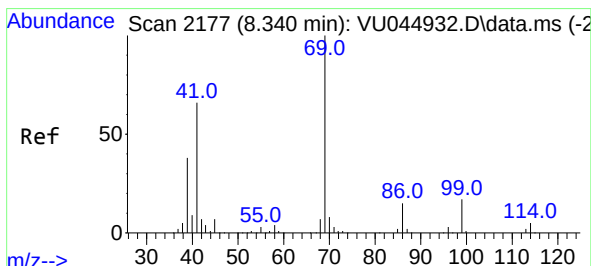
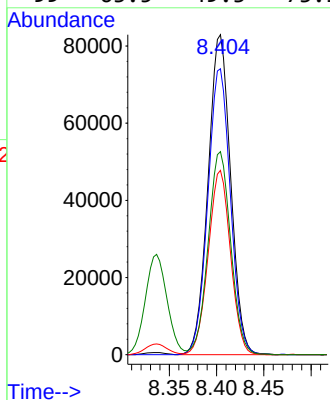
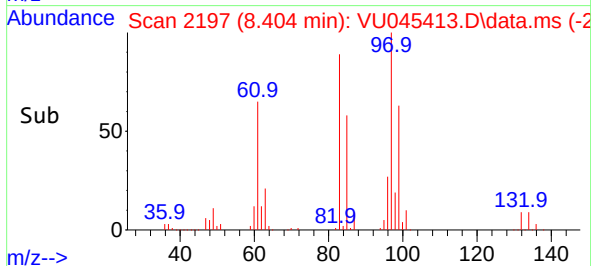
Tgt Ion: 97 Resp: 137922
Ion Ratio Lower Upper
97 100
83 89.4 69.7 104.5
85 57.6 44.8 67.2
99 63.5 49.3 73.9

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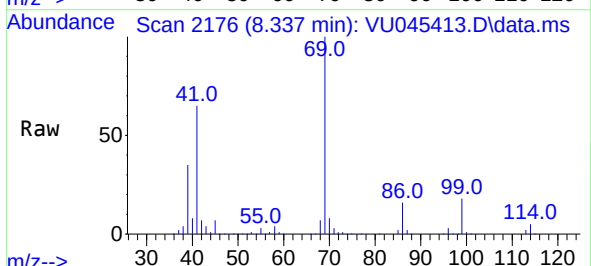
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Reviewed By :John Carlone 10/27/2021

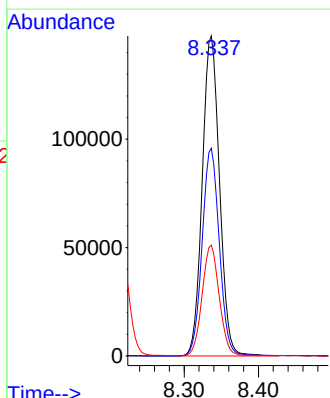
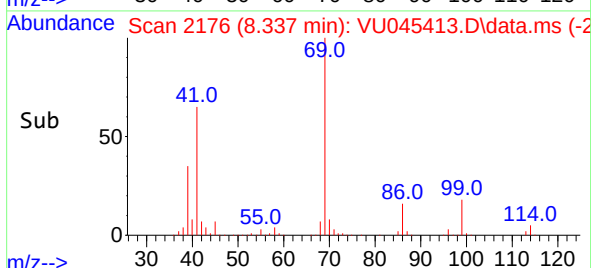
Supervised By :Mahesh Dadoda 10/27/2021

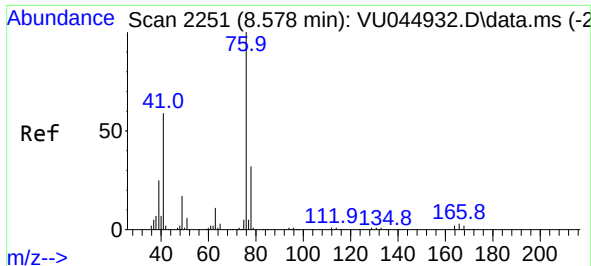


#56
Ethyl methacrylate
Concen: 42.335 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. -0.003 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07



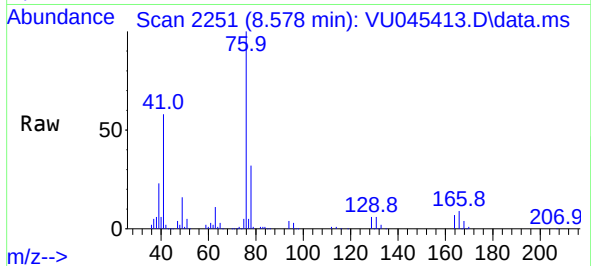
Tgt Ion: 69 Resp: 237935
Ion Ratio Lower Upper
69 100
41 64.8 53.5 80.3
39 34.1 31.1 46.7





#57
1,3-Dichloropropane
Concen: 47.276 ug/l
RT: 8.578 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

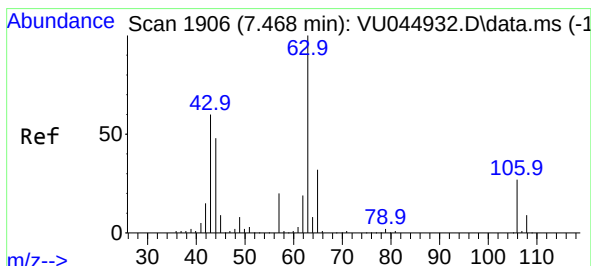
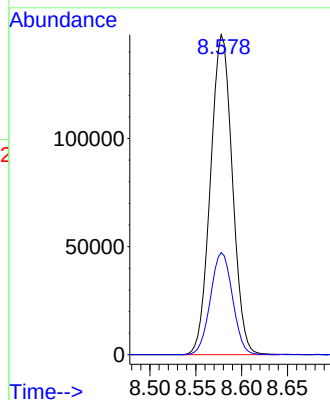
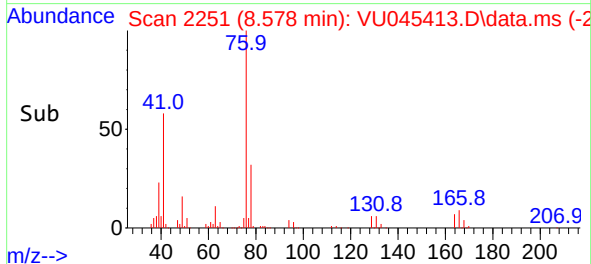
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



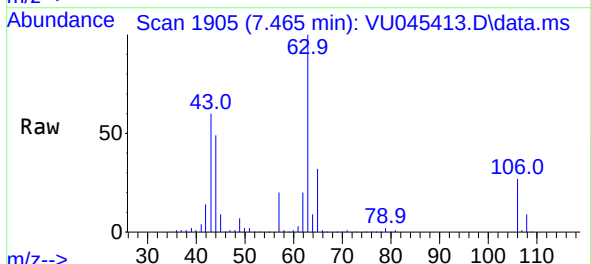
Tgt Ion: 76 Resp: 24590
Ion Ratio Lower Upper
76 100
78 32.2 25.7 38.5

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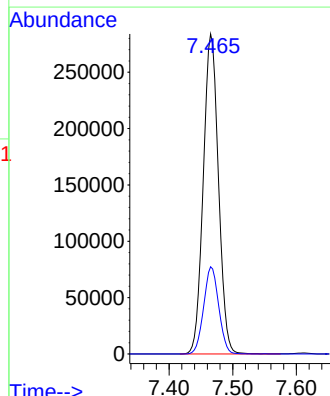
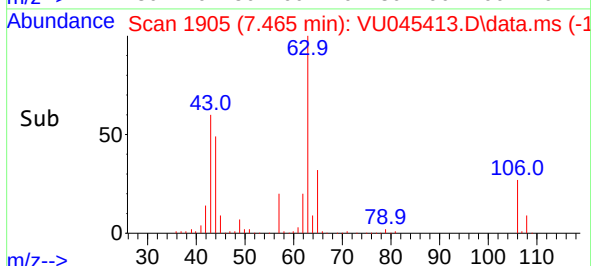
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

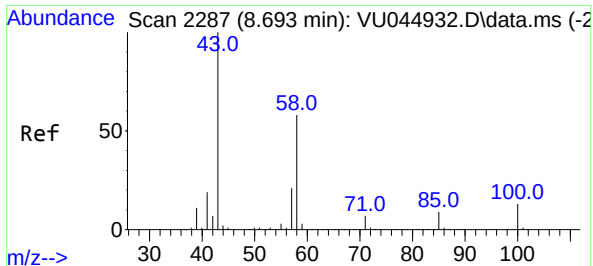


#58
2-Chloroethyl Vinyl ether
Concen: 259.091 ug/l
RT: 7.465 min Scan# 1905
Delta R.T. -0.003 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07



Tgt Ion: 63 Resp: 470210
Ion Ratio Lower Upper
63 100
106 27.0 20.5 30.7





#59

2-Hexanone

Concen: 193.612 ug/l

RT: 8.690 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU045413.D

Acq: 26 Oct 2021 20:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 85735

Ion Ratio Lower Upper

43 100

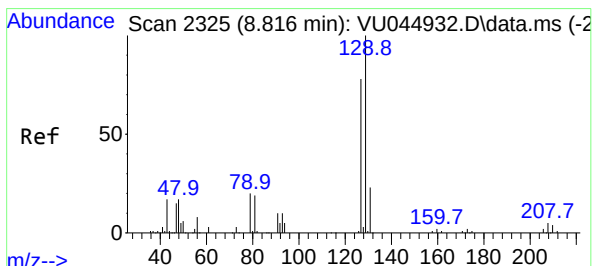
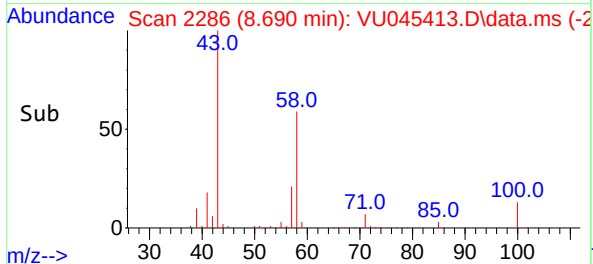
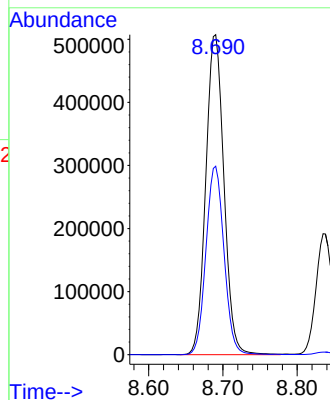
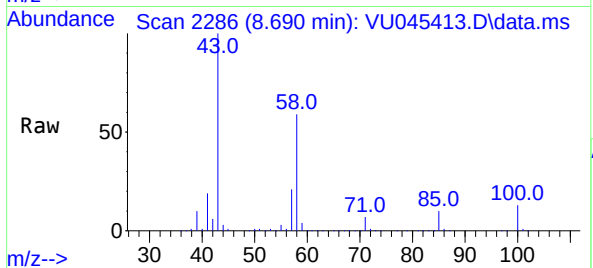
58 58.8 28.0 84.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#60

Dibromochloromethane

Concen: 43.925 ug/l

RT: 8.812 min Scan# 2324

Delta R.T. -0.004 min

Lab File: VU045413.D

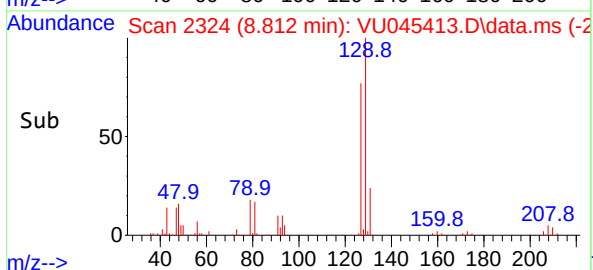
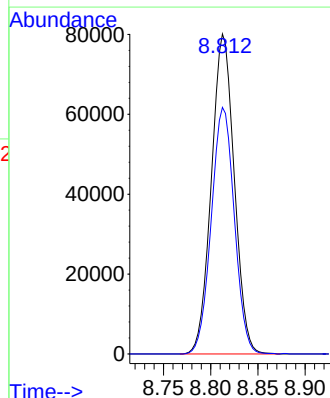
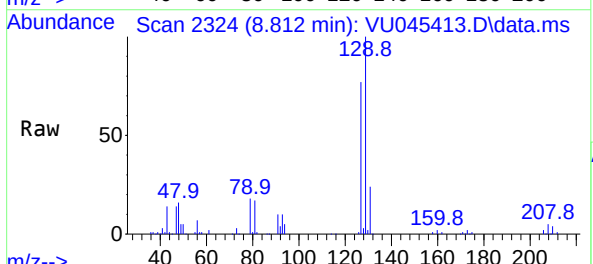
Acq: 26 Oct 2021 20:07

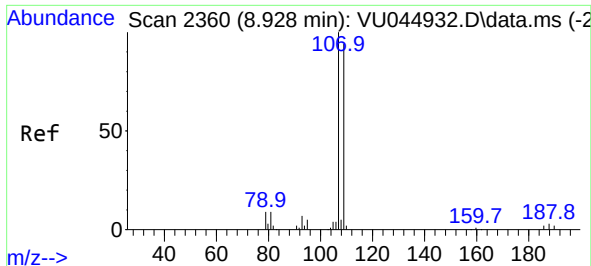
Tgt Ion:129 Resp: 134885

Ion Ratio Lower Upper

129 100

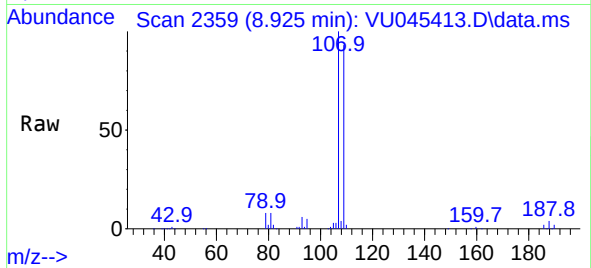
127 77.5 39.0 117.0





#61
1,2-Dibromoethane
Concen: 47.856 ug/l
RT: 8.925 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

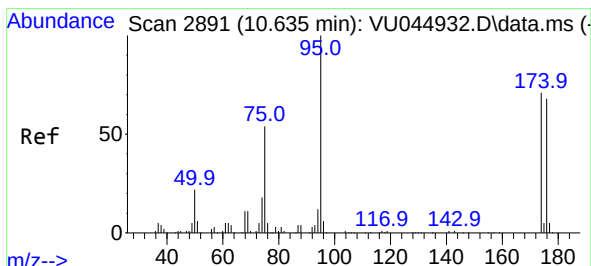
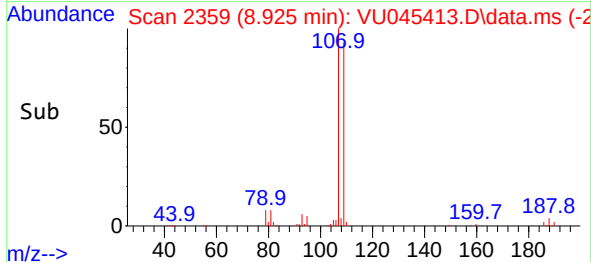
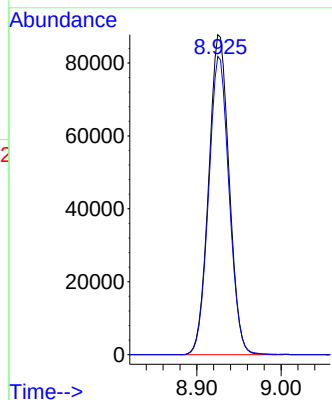
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 14825
Ion Ratio Lower Upper
107 100
109 93.1 74.8 112.2

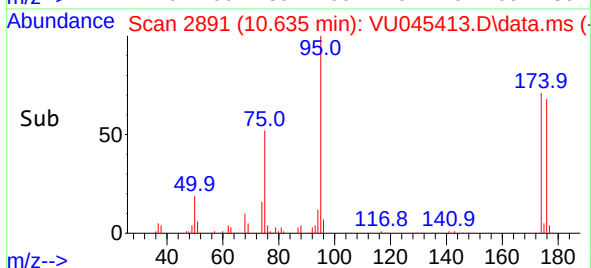
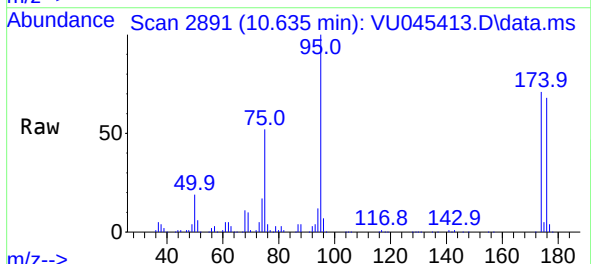
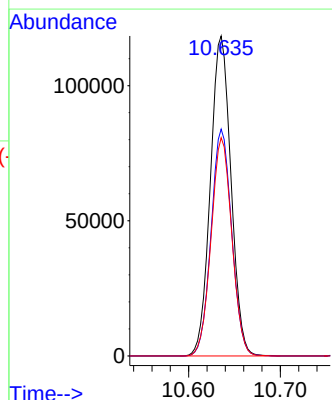
Manual Integrations
APPROVED

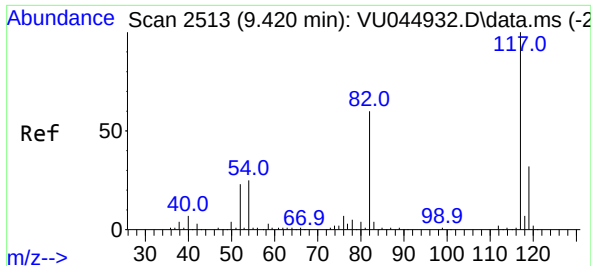
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#62
4-Bromofluorobenzene
Concen: 49.878 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

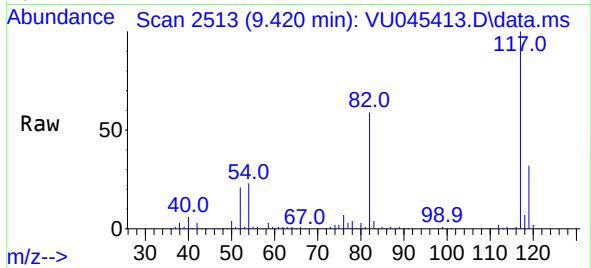
Tgt Ion: 95 Resp: 184171
Ion Ratio Lower Upper
95 100
174 70.9 0.0 146.6
176 68.5 0.0 141.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

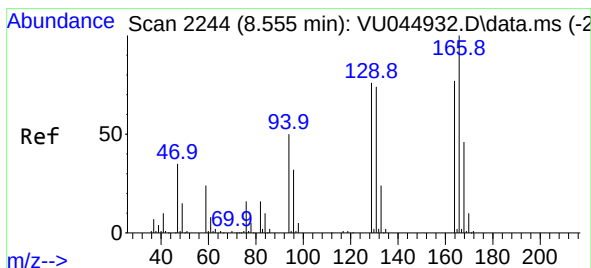
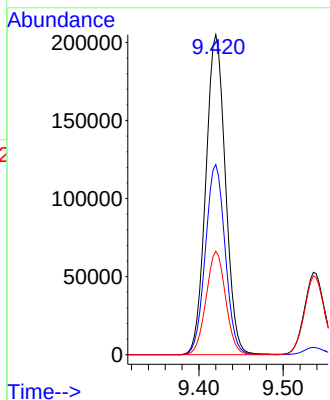
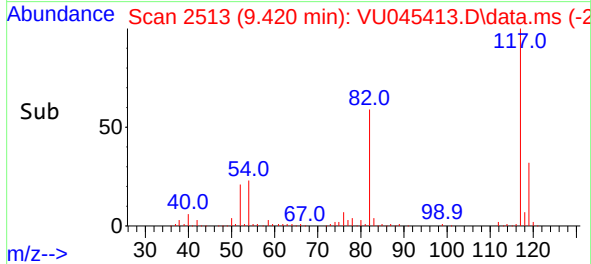
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



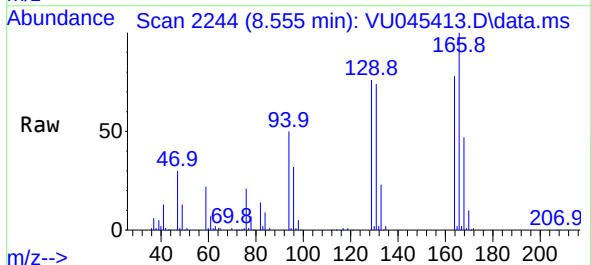
Tgt Ion:117 Resp: 332204
Ion Ratio Lower Upper
117 100
82 59.4 47.8 71.8
119 32.3 25.8 38.6

Manual Integrations
APPROVED

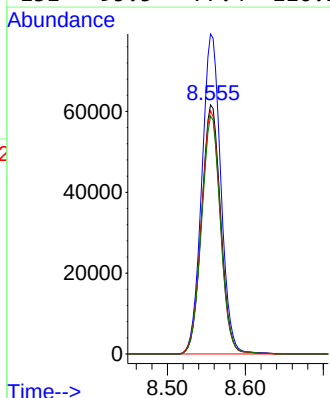
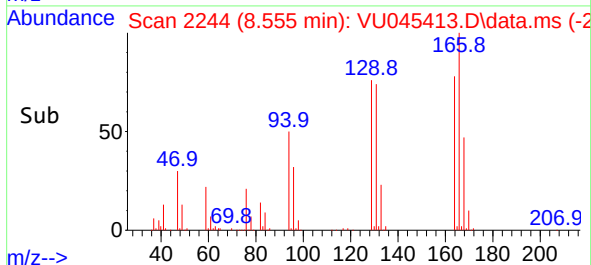
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

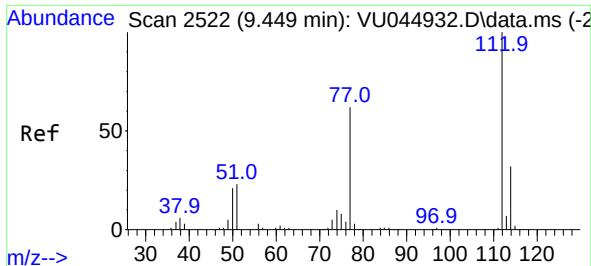


#64
Tetrachloroethene
Concen: 48.581 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07



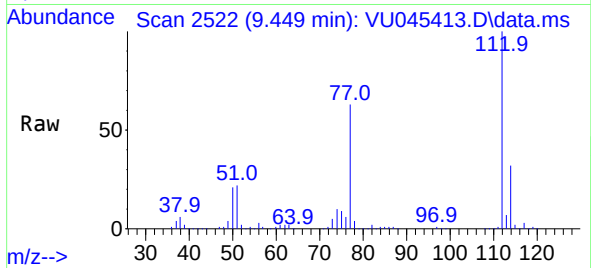
Tgt Ion:164 Resp: 105335
Ion Ratio Lower Upper
164 100
166 128.5 102.8 154.2
129 97.7 79.4 119.2
131 95.5 77.4 116.2





#65
Chlorobenzene
Concen: 49.332 ug/l
RT: 9.449 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

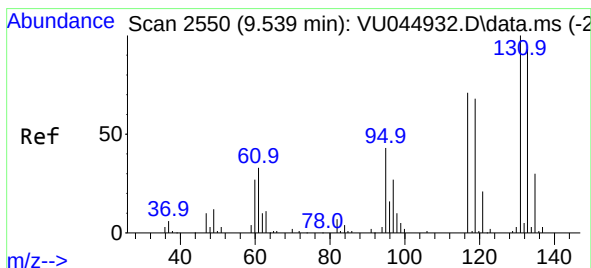
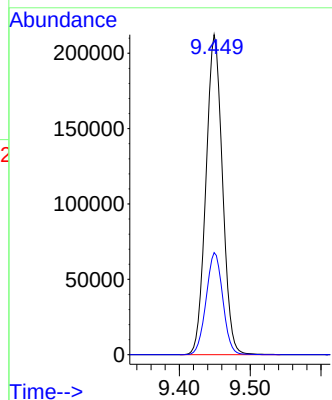
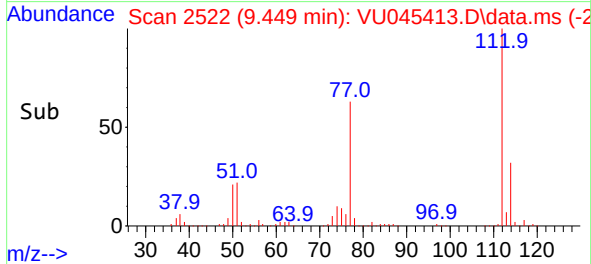
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



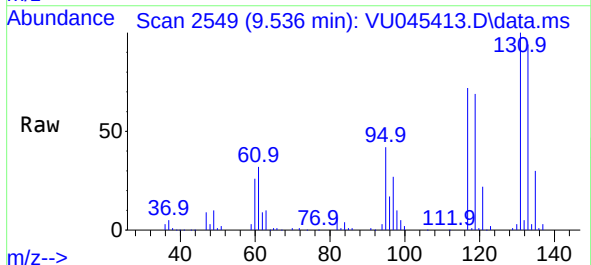
Tgt Ion:112 Resp: 34359
Ion Ratio Lower Upper
112 100
114 31.9 25.9 38.9

Manual Integrations
APPROVED

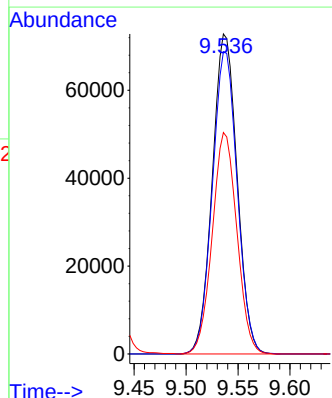
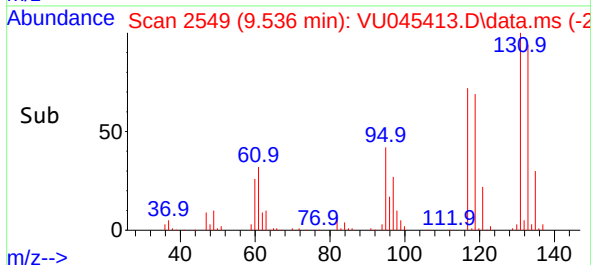
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

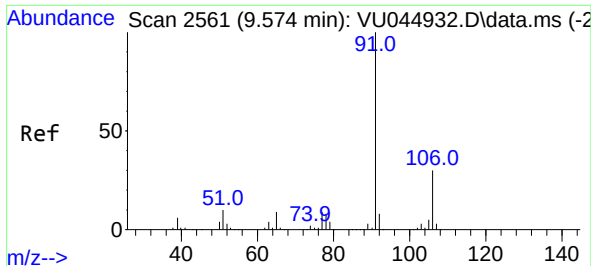


#66
1,1,1,2-Tetrachloroethane
Concen: 49.609 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. -0.003 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07



Tgt Ion:131 Resp: 120632
Ion Ratio Lower Upper
131 100
133 95.1 48.1 144.3
119 68.8 34.1 102.3





#67

Ethyl Benzene

Concen: 50.092 ug/l

RT: 9.571 min Scan# 2561

Delta R.T. -0.003 min

Lab File: VU045413.D

Acq: 26 Oct 2021 20:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 642000

Ion Ratio Lower Upper

91 100

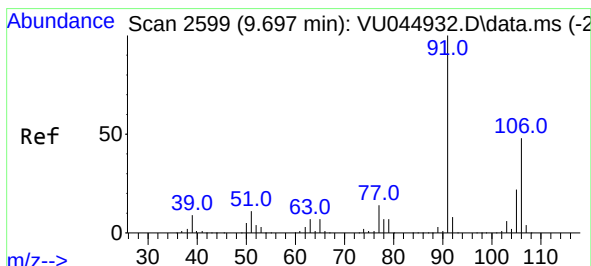
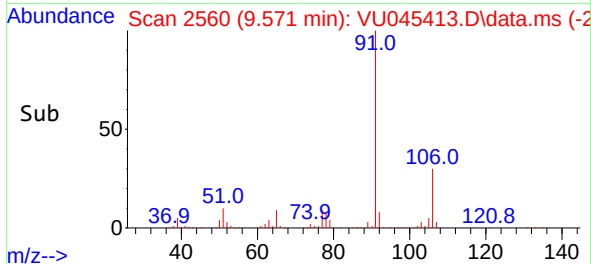
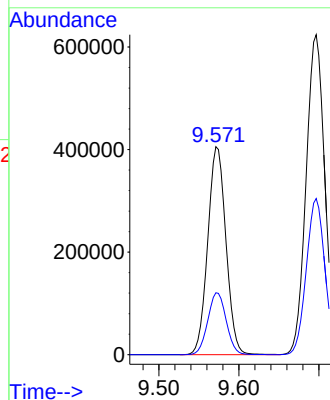
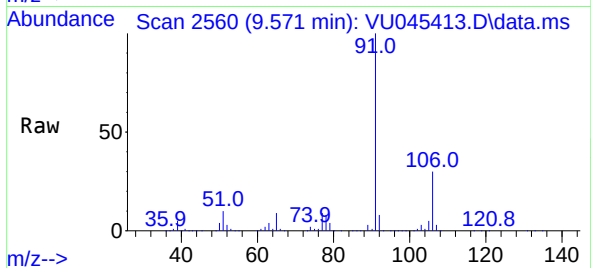
106 29.8 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#68

m/p-Xylenes

Concen: 98.526 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. -0.000 min

Lab File: VU045413.D

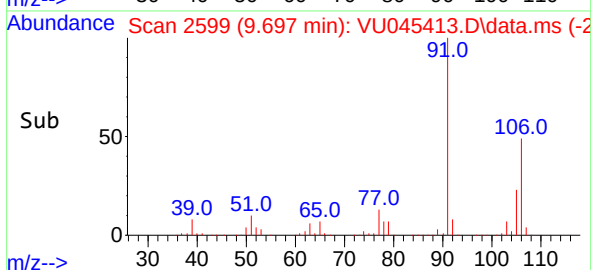
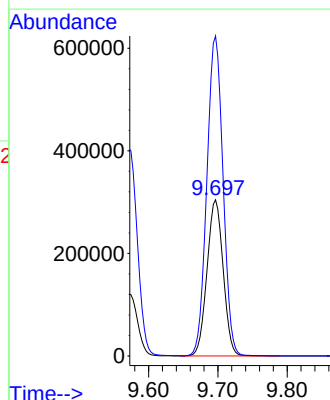
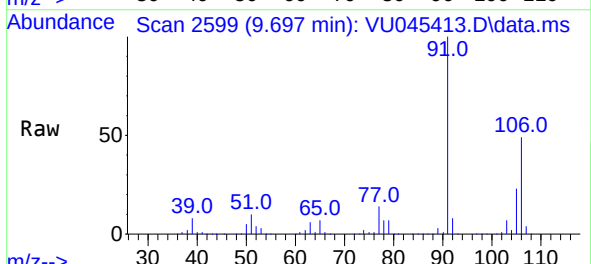
Acq: 26 Oct 2021 20:07

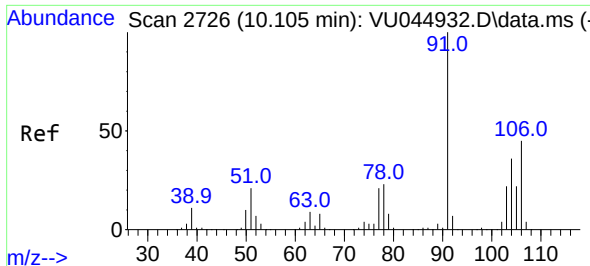
Tgt Ion:106 Resp: 490587

Ion Ratio Lower Upper

106 100

91 205.7 164.2 246.2





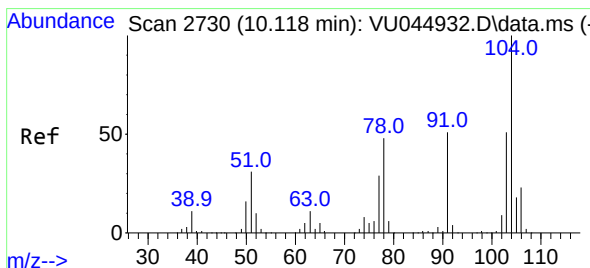
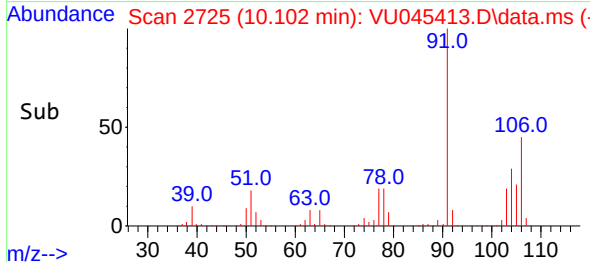
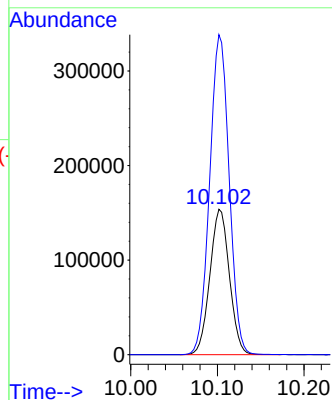
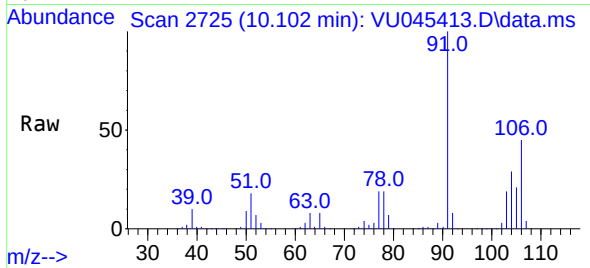
#69
o-Xylene
Concen: 48.788 ug/l
RT: 10.102 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 241100
Ion Ratio Lower Upper
106 100
91 219.6 108.9 326.7

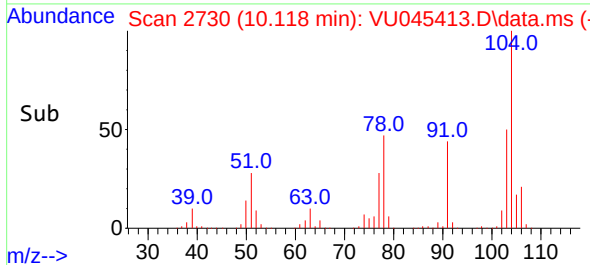
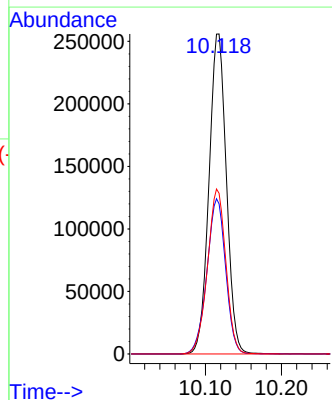
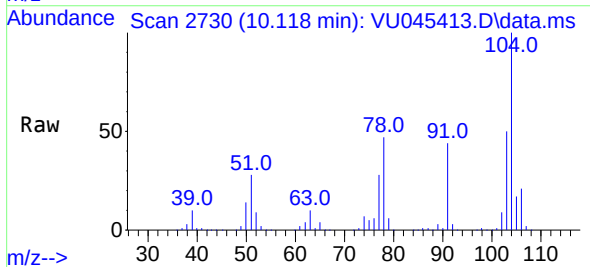
Manual Integrations
APPROVED

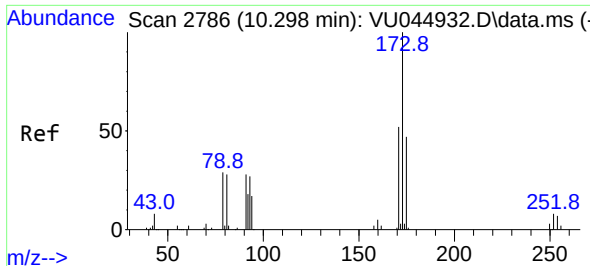
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#70
Styrene
Concen: 49.041 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

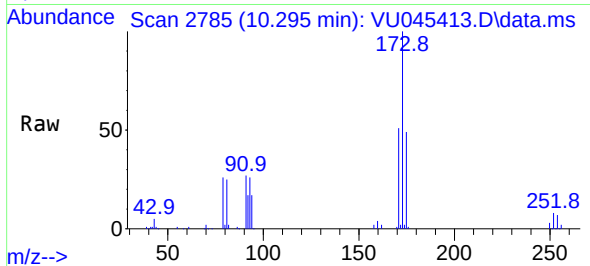
Tgt Ion:104 Resp: 406573
Ion Ratio Lower Upper
104 100
78 52.1 41.4 62.0
103 54.5 43.5 65.3





#71
Bromoform
Concen: 42.735 ug/l
RT: 10.295 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

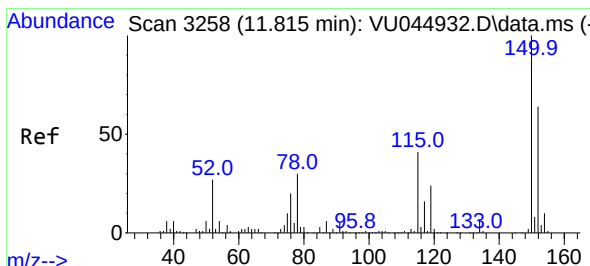
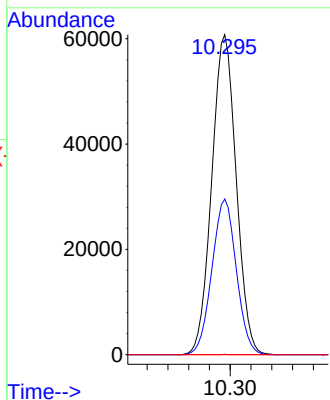
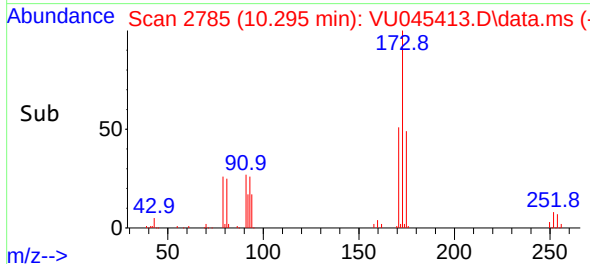
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



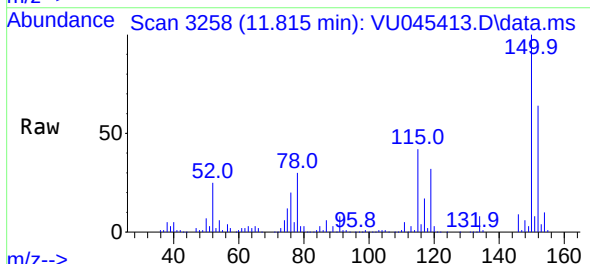
Tgt Ion:173 Resp: 99239
Ion Ratio Lower Upper
173 100
175 48.5 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

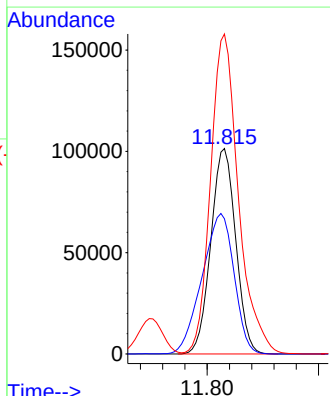
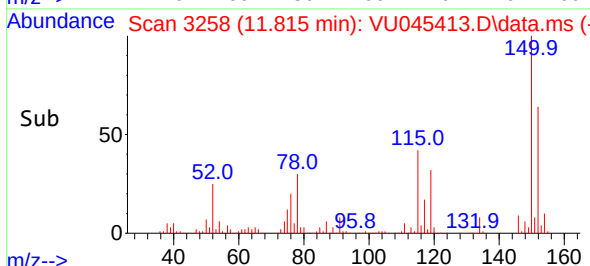
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

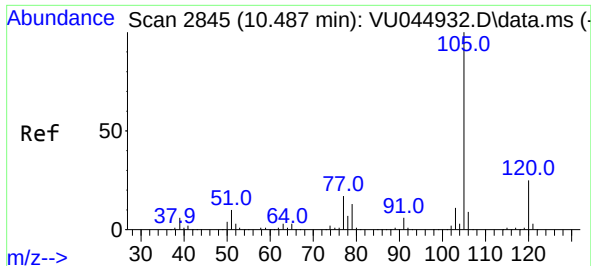


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07



Tgt Ion:152 Resp: 157421
Ion Ratio Lower Upper
152 100
115 88.0 43.5 130.7
150 174.2 0.0 350.0





#73
Isopropylbenzene
Concen: 53.368 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.001 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

Instrument :

MSVOA_U

ClientSampleId :

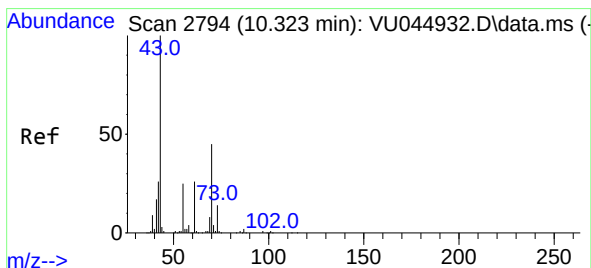
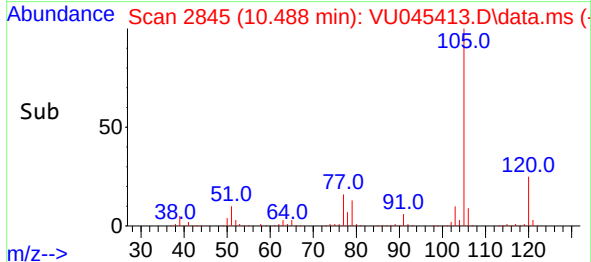
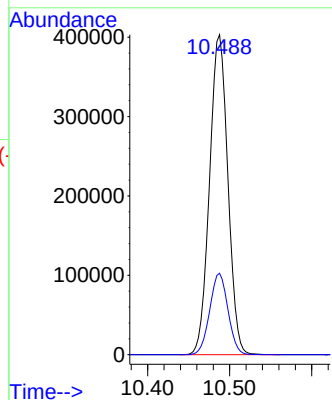
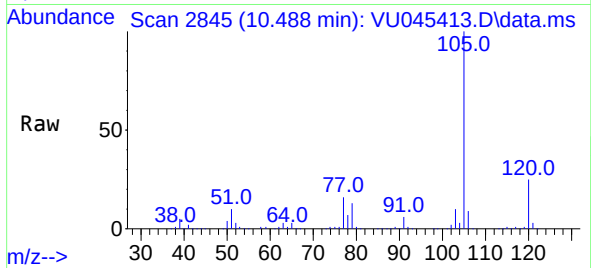
VSTDCCC050EC

Tgt Ion:105 Resp: 62563
Ion Ratio Lower Upper
105 100
120 25.3 12.8 38.3

Manual Integrations

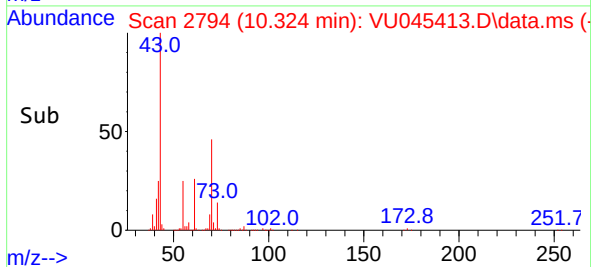
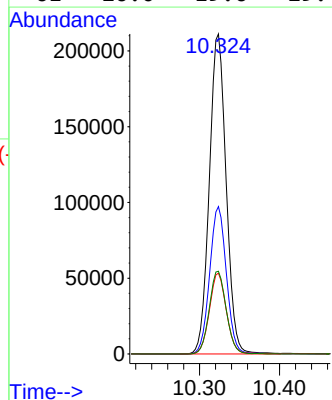
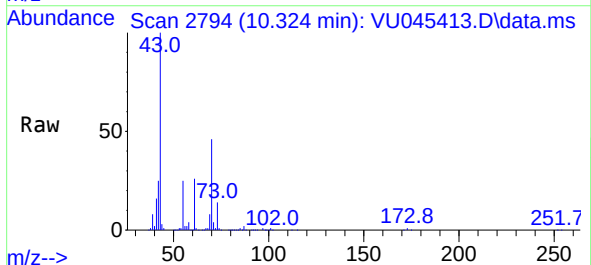
APPROVED

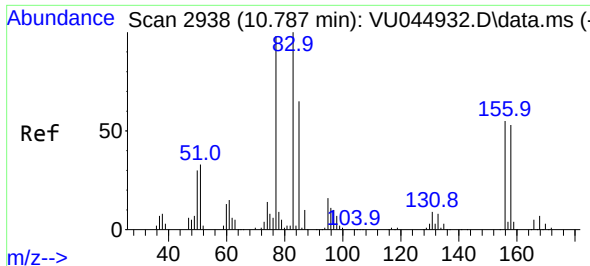
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#74
N-ethyl acetate
Concen: 52.330 ug/l
RT: 10.324 min Scan# 2794
Delta R.T. 0.001 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

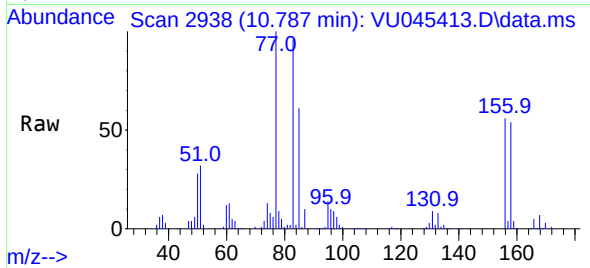
Tgt Ion: 43 Resp: 308892
Ion Ratio Lower Upper
43 100
70 46.0 35.1 52.7
55 25.5 20.5 30.7
61 26.0 19.6 29.4





#75
1,1,2,2-Tetrachloroethane
Concen: 48.256 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

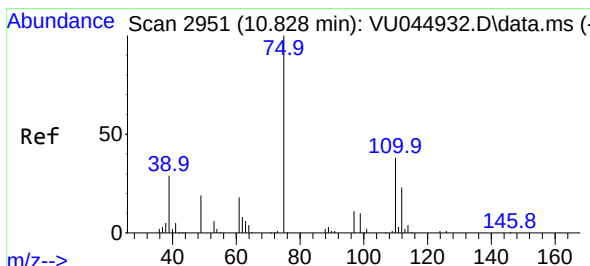
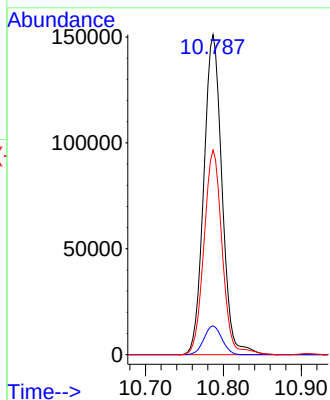
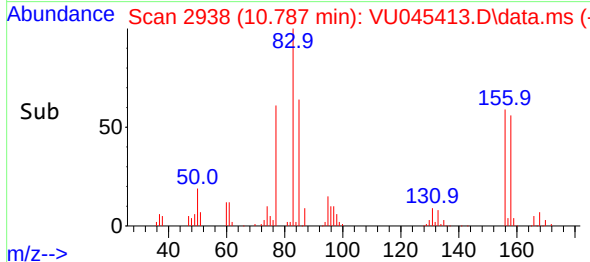
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



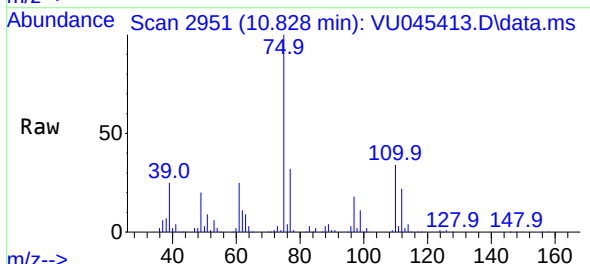
Tgt Ion: 83 Resp: 244769
Ion Ratio Lower Upper
83 100
131 8.9 4.3 13.1
85 63.9 31.9 95.5

Manual Integrations
APPROVED

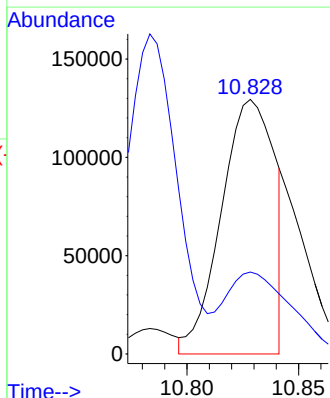
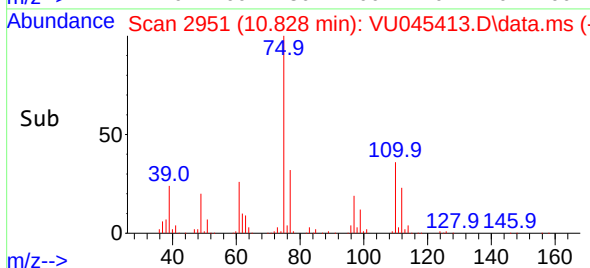
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

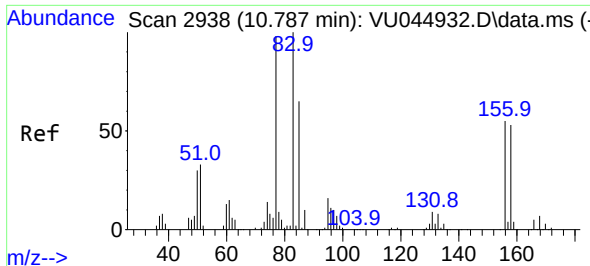


#76
1,2,3-Trichloropropane
Concen: 46.616 ug/l m
RT: 10.828 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07



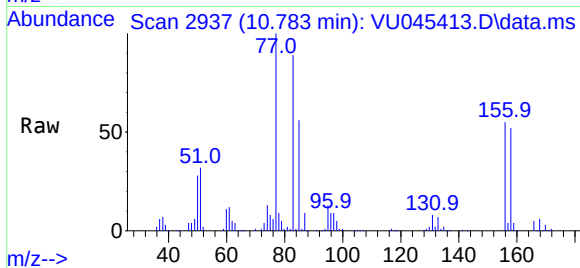
Tgt Ion: 75 Resp: 214045
Ion Ratio Lower Upper
75 100
77 39.3 17.9 53.7





#77
Bromobenzene
Concen: 50.326 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.004 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

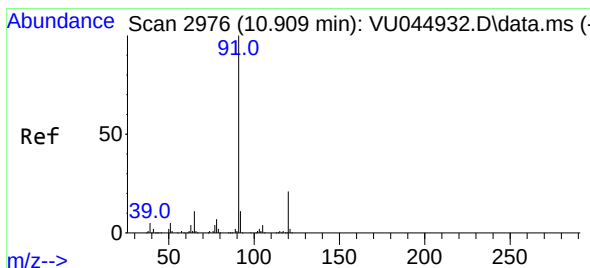
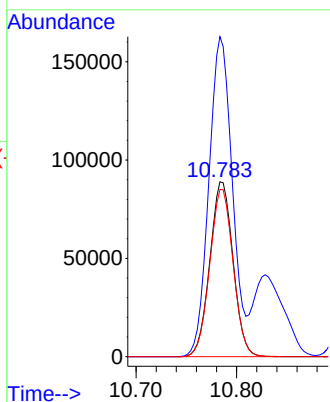
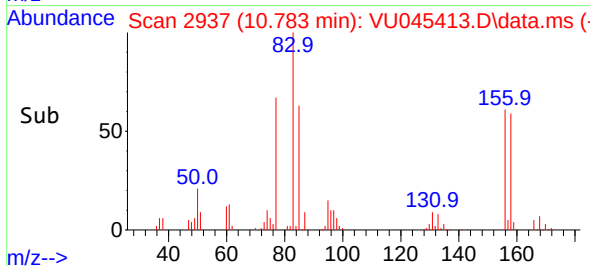
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



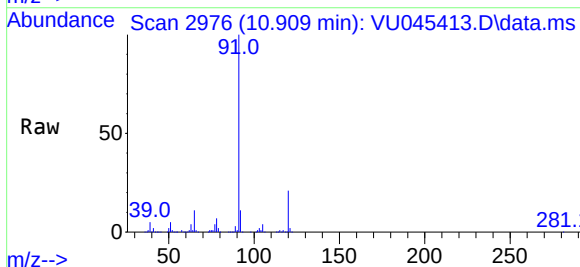
Tgt Ion:156 Resp: 142461
Ion Ratio Lower Upper
156 100
77 183.8 91.1 273.4
158 96.4 48.2 144.6

Manual Integrations
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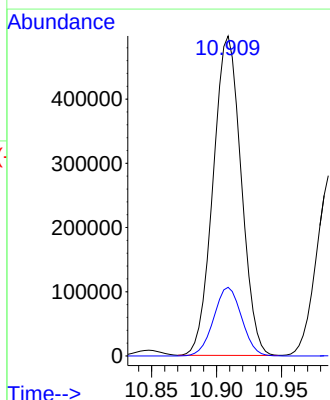
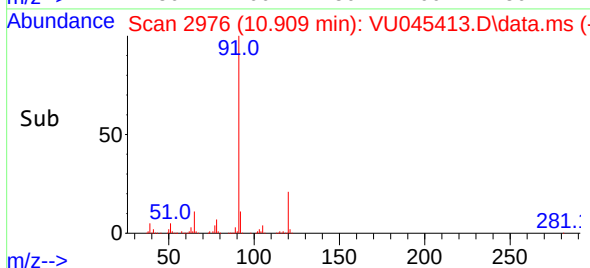
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

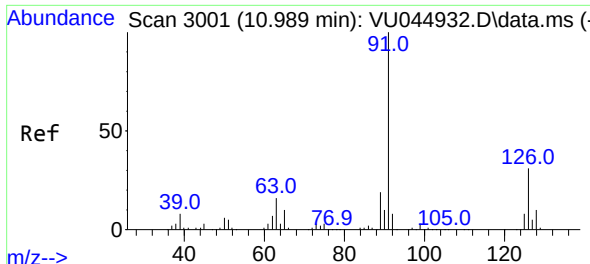


#78
n-propylbenzene
Concen: 52.213 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07



Tgt Ion: 91 Resp: 745911
Ion Ratio Lower Upper
91 100
120 21.4 10.8 32.4





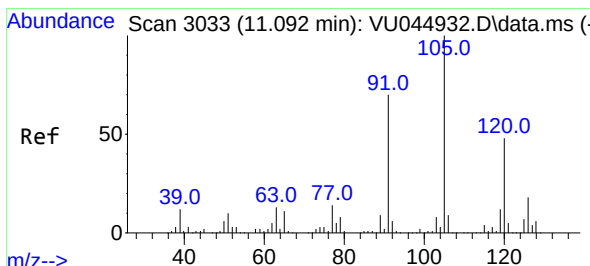
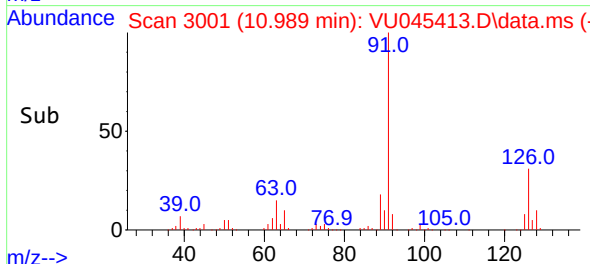
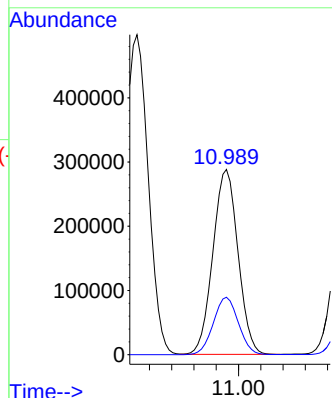
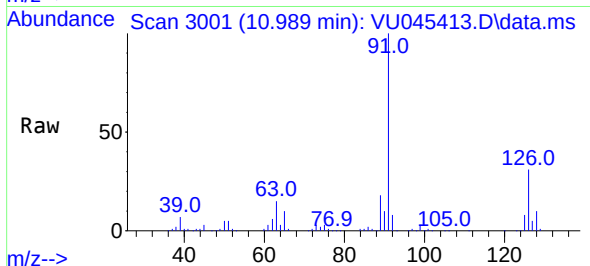
#79
2-Chlorotoluene
Concen: 50.291 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 450344
Ion Ratio Lower Upper
91 100
126 31.0 15.7 47.0

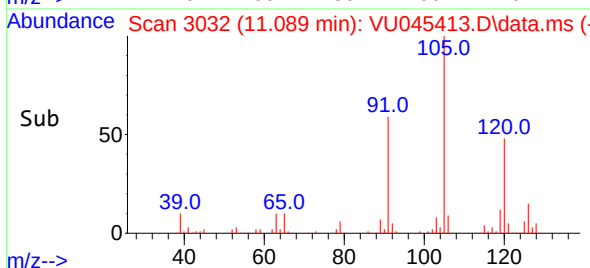
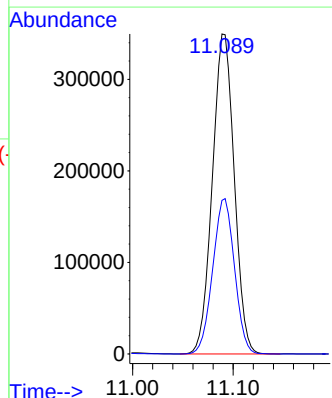
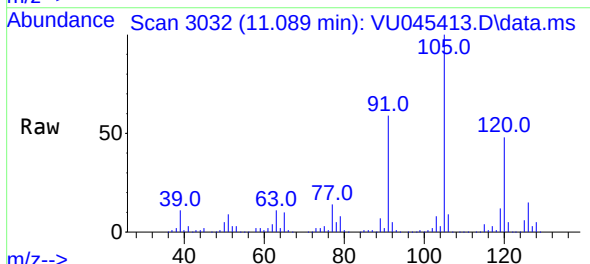
Manual Integrations
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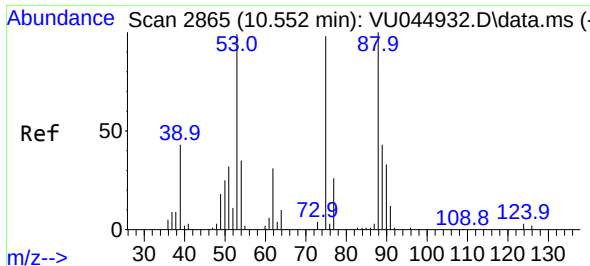
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#80
1,3,5-Trimethylbenzene
Concen: 51.457 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.003 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

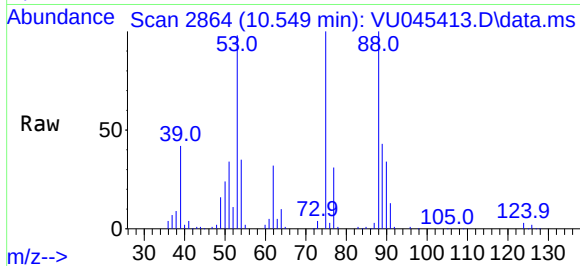
Tgt Ion:105 Resp: 528449
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 48.721 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.003 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

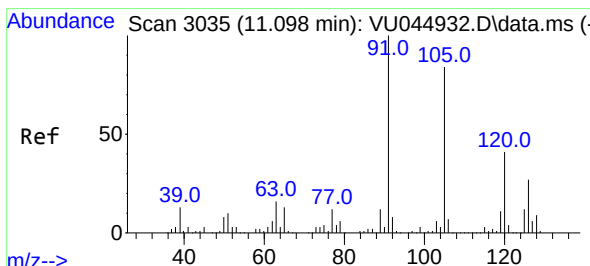
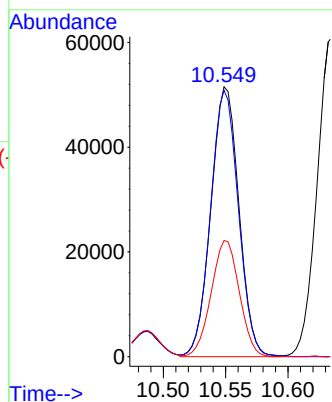
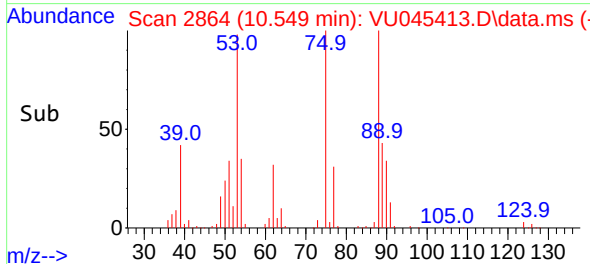
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



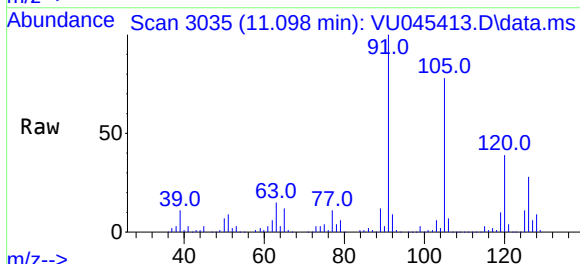
Tgt Ion: 75 Resp: 8061
Ion Ratio Lower Upper
75 100
53 98.3 82.0 123.0
89 43.2 34.2 51.4

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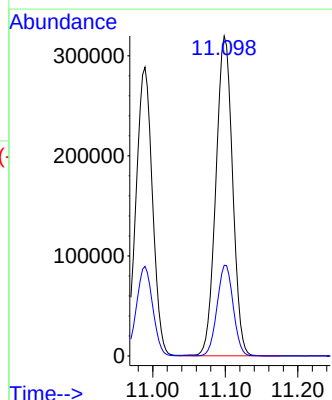
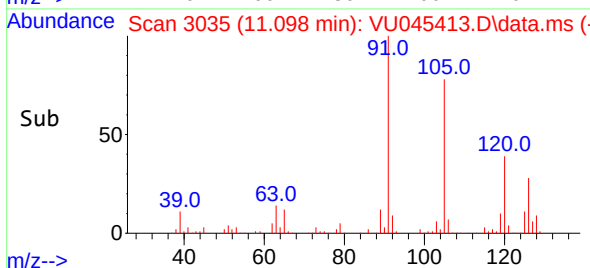
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

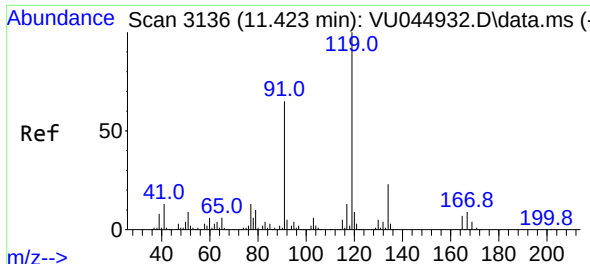


#82
4-Chlorotoluene
Concen: 50.418 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07



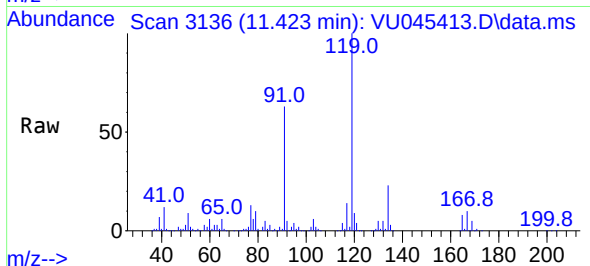
Tgt Ion: 91 Resp: 510314
Ion Ratio Lower Upper
91 100
126 27.4 13.8 41.4





#83
tert-Butylbenzene
Concen: 51.862 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

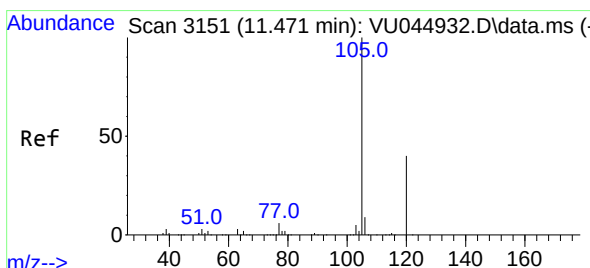
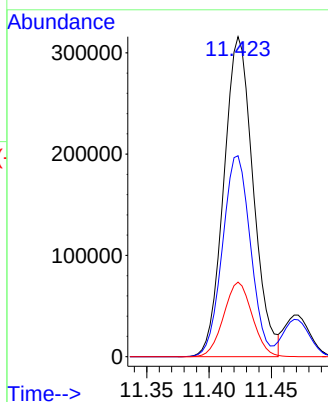
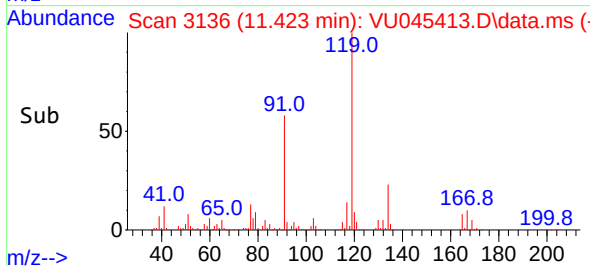
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



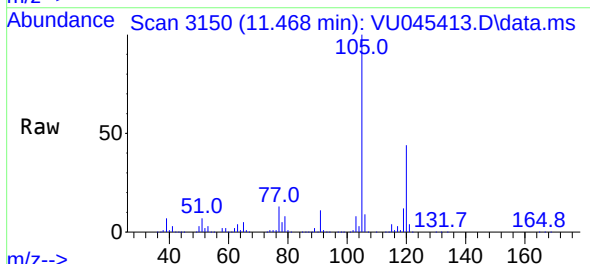
Tgt Ion:119 Resp: 51805
Ion Ratio Lower Upper
119 100
91 59.9 30.4 91.2
134 22.6 11.5 34.5

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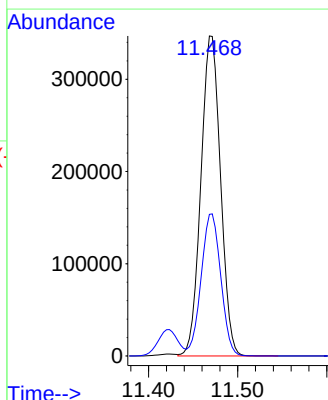
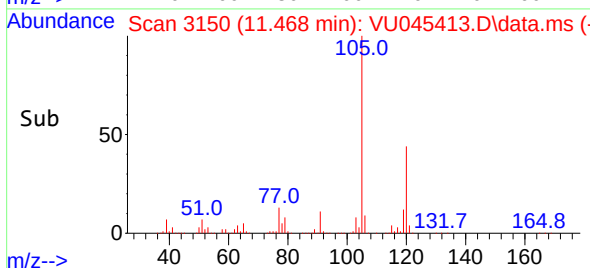
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

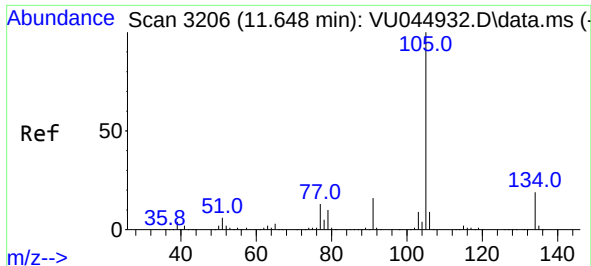


#84
1,2,4-Trimethylbenzene
Concen: 52.242 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07



Tgt Ion:105 Resp: 530781
Ion Ratio Lower Upper
105 100
120 44.3 22.4 67.3





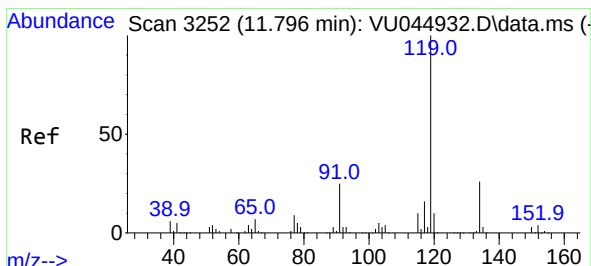
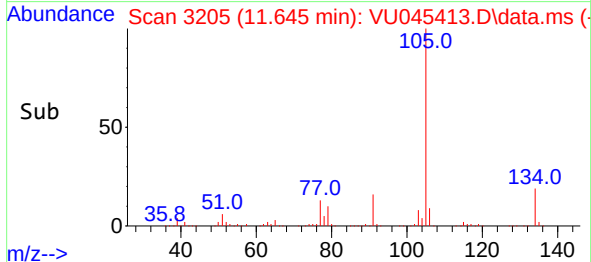
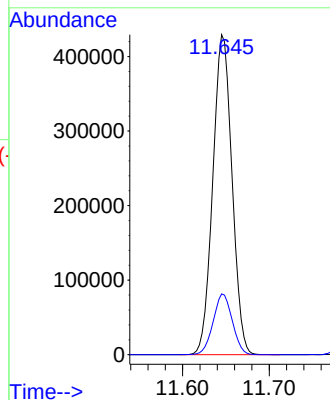
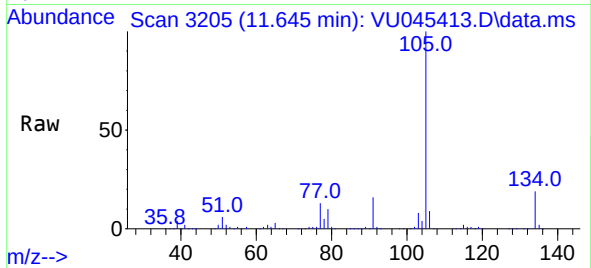
#85
 sec-Butylbenzene
 Concen: 51.404 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU045413.D
 Acq: 26 Oct 2021 20:07

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 66125
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.3 28.0

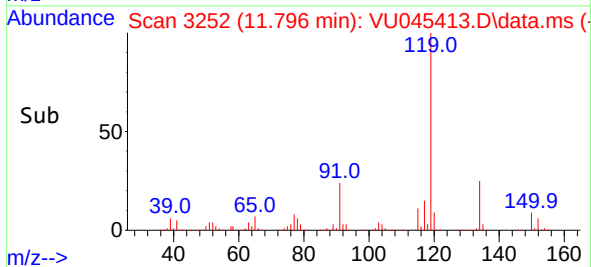
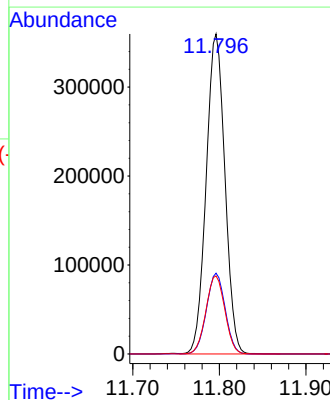
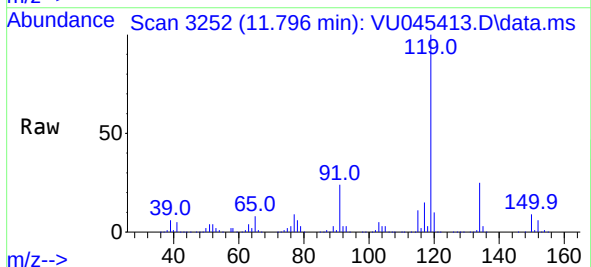
Manual Integrations
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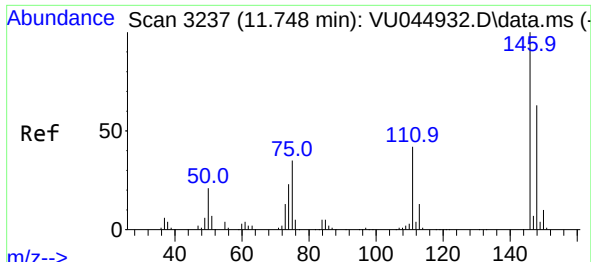
Reviewed By :John Carlone 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021



#86
 p-Isopropyltoluene
 Concen: 52.205 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU045413.D
 Acq: 26 Oct 2021 20:07

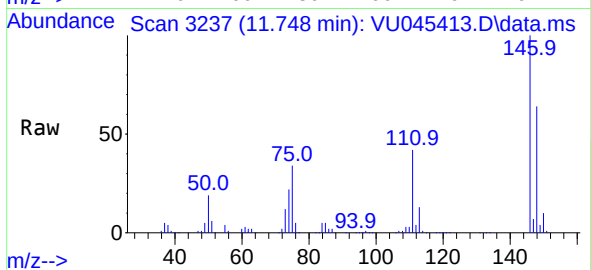
Tgt Ion:119 Resp: 540201
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.8 38.3
 91 24.7 12.2 36.6





#87
1,3-Dichlorobenzene
Concen: 49.368 ug/l
RT: 11.748 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

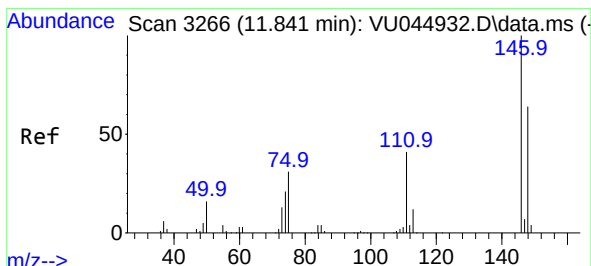
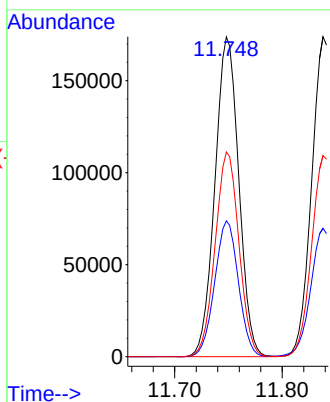
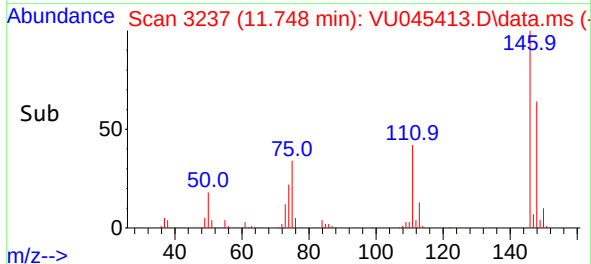
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



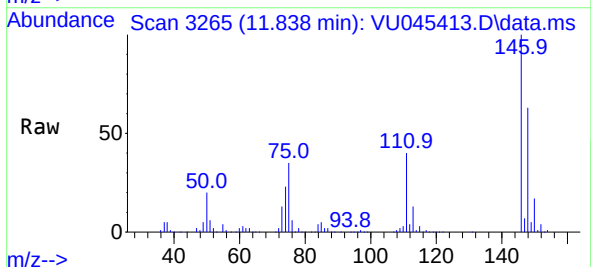
Tgt Ion:146 Resp: 267624
Ion Ratio Lower Upper
146 100
111 42.3 21.2 63.6
148 64.0 32.1 96.3

Manual Integrations
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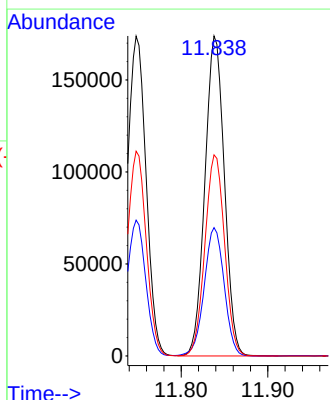
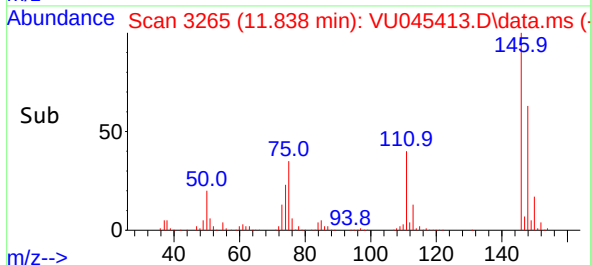
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

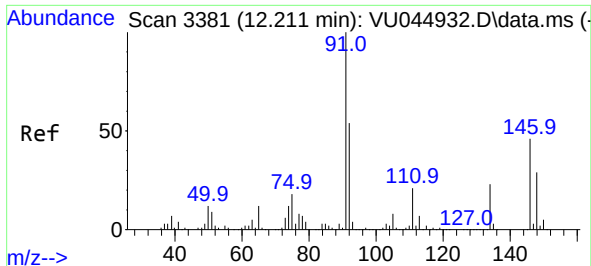


#88
1,4-Dichlorobenzene
Concen: 48.926 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. -0.003 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07



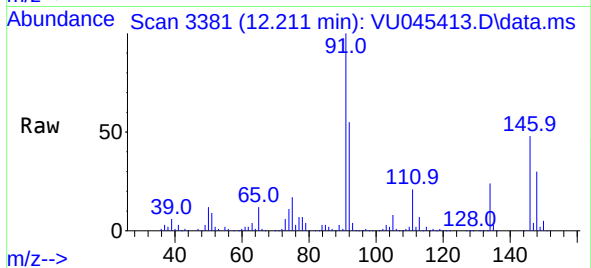
Tgt Ion:146 Resp: 271321
Ion Ratio Lower Upper
146 100
111 41.2 20.3 61.0
148 63.7 31.8 95.3





#89
n-Butylbenzene
Concen: 52.700 ug/l
RT: 12.211 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

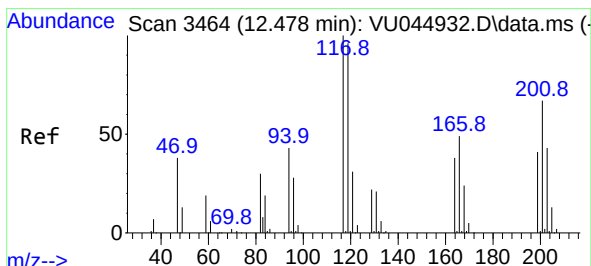
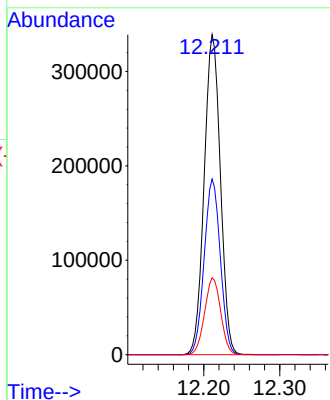
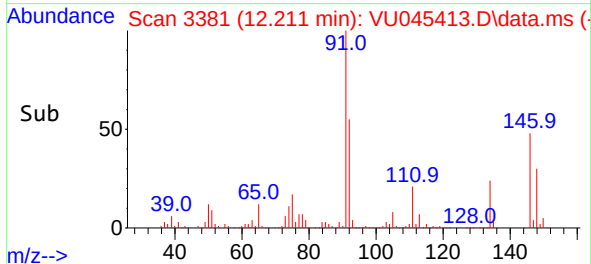
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 50227
Ion Ratio Lower Upper
91 100
92 54.5 26.8 80.4
134 23.8 11.8 35.4

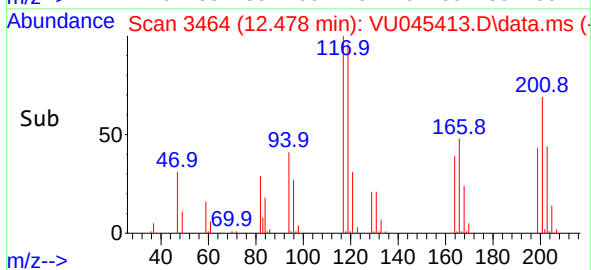
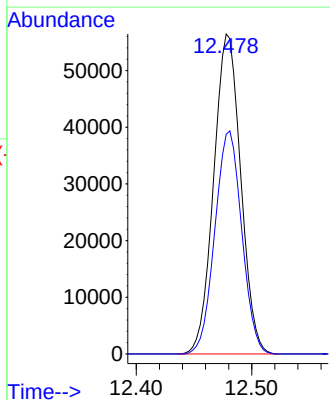
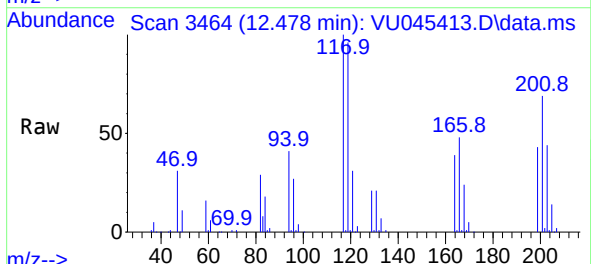
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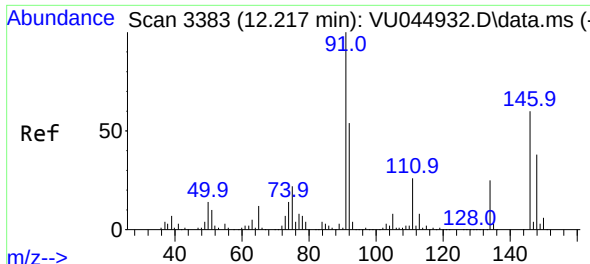
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#90
Hexachloroethane
Concen: 49.190 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. -0.000 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

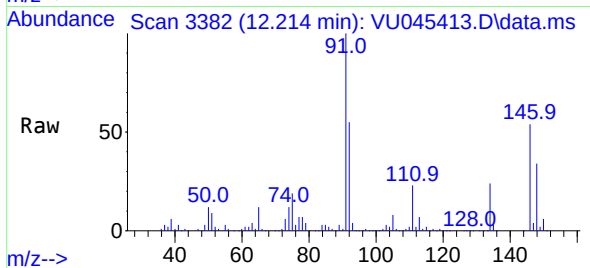
Tgt Ion:117 Resp: 91915
Ion Ratio Lower Upper
117 100
201 69.2 34.8 104.3





#91
1,2-Dichlorobenzene
Concen: 50.024 ug/l
RT: 12.214 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

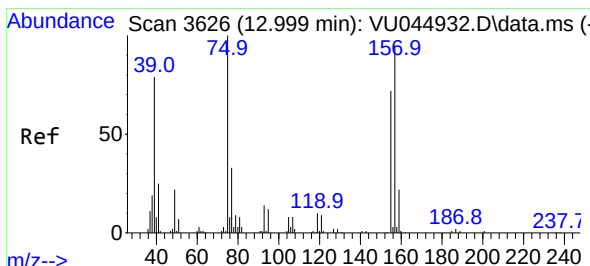
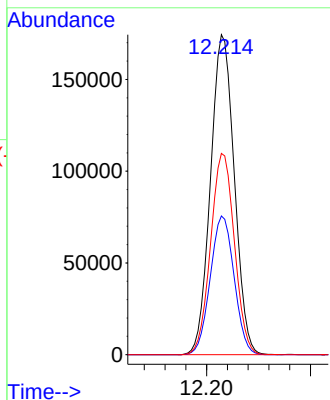
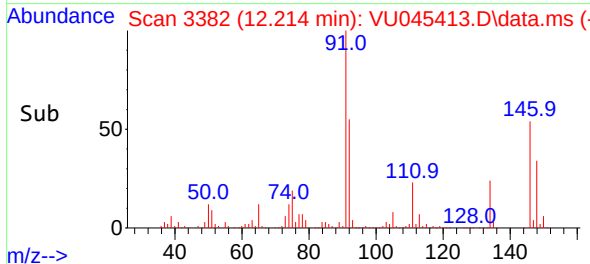
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 27721
Ion Ratio Lower Upper
146 100
111 43.5 21.4 64.3
148 63.0 31.8 95.3

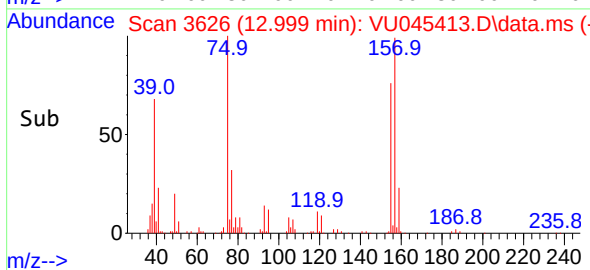
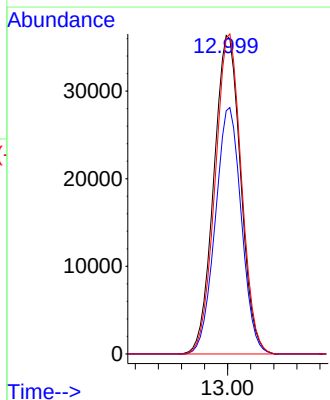
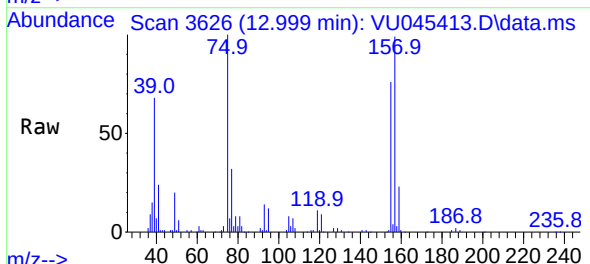
Manual Integrations
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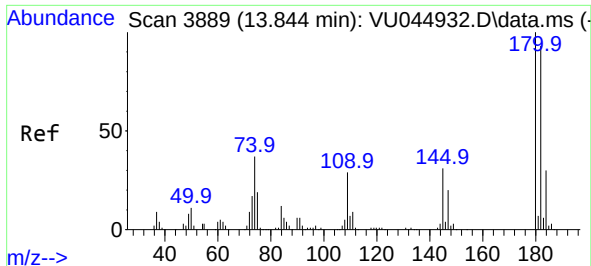
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.075 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. -0.000 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

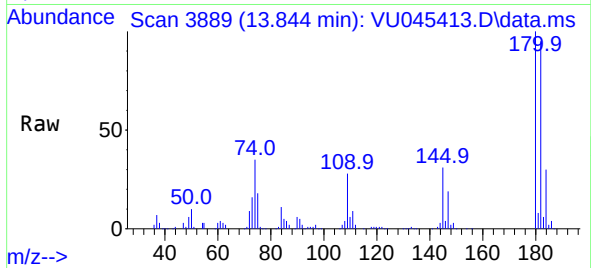
Tgt Ion: 75 Resp: 58734
Ion Ratio Lower Upper
75 100
155 75.3 36.9 110.6
157 98.1 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 57.402 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

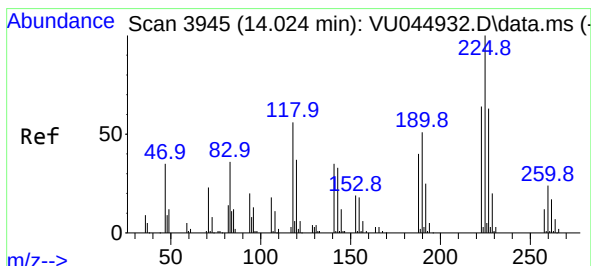
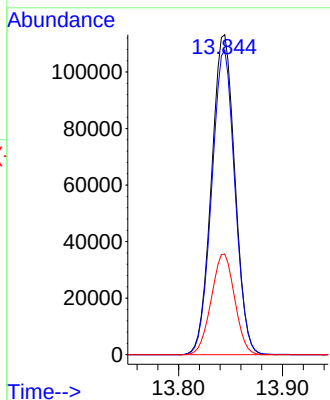
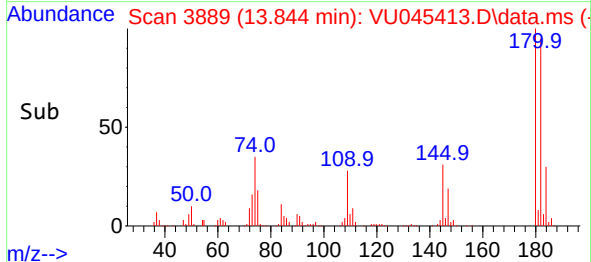
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



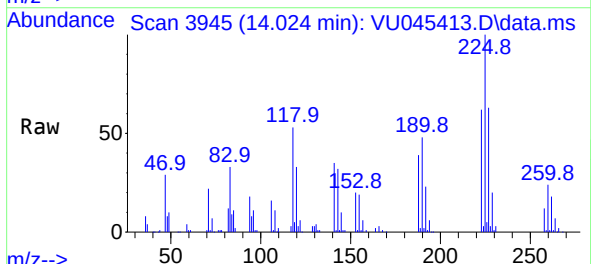
Tgt Ion:180 Resp: 177272
Ion Ratio Lower Upper
180 100
182 94.2 47.4 142.3
145 31.5 15.4 46.2

Manual Integrations
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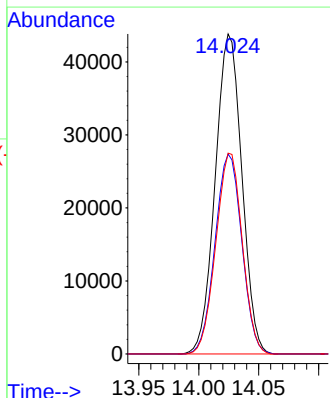
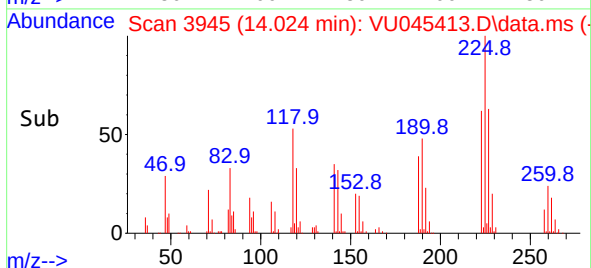
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

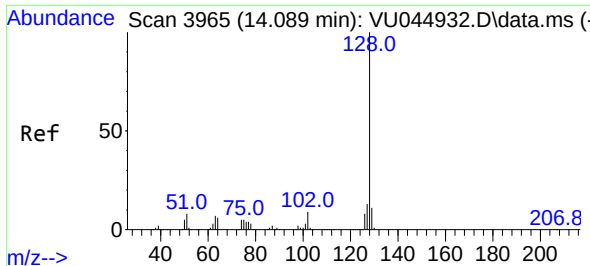


#94
Hexachlorobutadiene
Concen: 52.466 ug/l
RT: 14.024 min Scan# 3945
Delta R.T. 0.000 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07



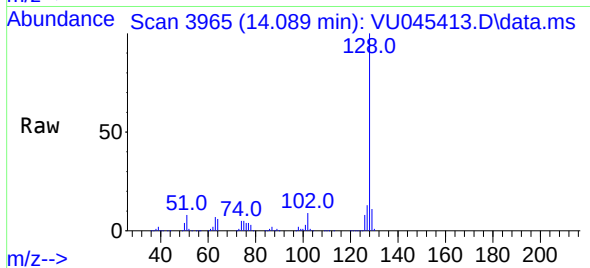
Tgt Ion:225 Resp: 67637
Ion Ratio Lower Upper
225 100
223 62.7 31.1 93.3
227 62.2 31.4 94.3





#95
Naphthalene
Concen: 59.726 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07

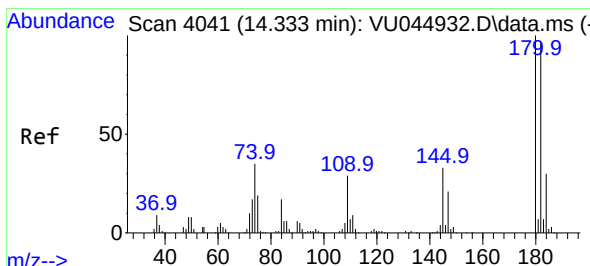
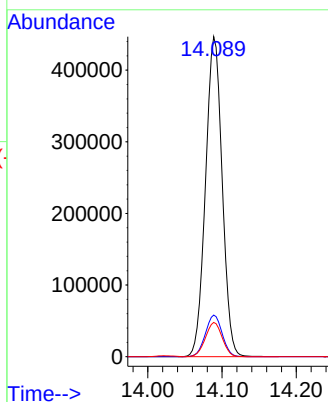
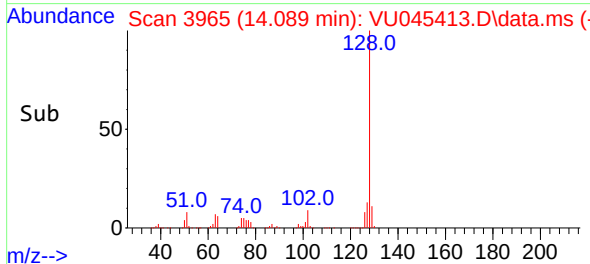
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



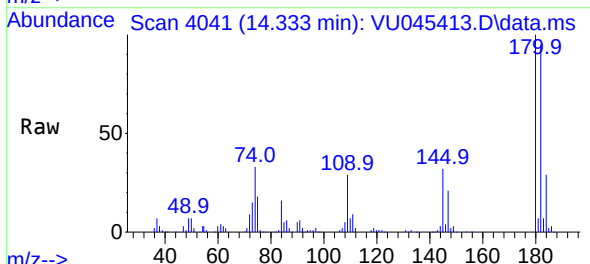
Tgt Ion:128 Resp: 693720
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.8 8.6 13.0

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#96
1,2,3-Trichlorobenzene
Concen: 58.997 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU045413.D
Acq: 26 Oct 2021 20:07



Tgt Ion:180 Resp: 182982
Ion Ratio Lower Upper
180 100
182 94.5 47.1 141.4
145 32.4 16.4 49.2

