

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102620\
 Data File : VX019128.D
 Acq On : 26 Oct 2020 19:16
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

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 10/27/2020 6:55:35 PM

Quant Time: Oct 27 05:41:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102620W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 26 19:43:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	167377	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	272114	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	256593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	141433	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	294216	147.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	295.34%	
35) Dibromofluoromethane	5.46	113	265483	157.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	314.30%	
50) Toluene-d8	8.70	98	1026322	157.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	314.50%	
62) 4-Bromofluorobenzene	11.12	95	386684	167.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	335.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	199779	150.685	ug/l	99
3) Chloromethane	1.31	50	202673	143.216	ug/l	98
4) Vinyl Chloride	1.39	62	260825	145.494	ug/l	100
5) Bromomethane	1.62	94	108603	95.640	ug/l	99
6) Chloroethane	1.70	64	181834	149.183	ug/l	99
7) Trichlorofluoromethane	1.91	101	466202	151.207	ug/l	99
8) Diethyl Ether	2.17	74	180758	148.680	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	230134	149.103	ug/l	100
10) Methyl Iodide	2.49	142	301601	149.181	ug/l	98
11) Tert butyl alcohol	3.04	59	297775	731.860	ug/l	100
12) 1,1-Dichloroethene	2.35	96	239267	153.031	ug/l	100
13) Acrolein	2.27	56	135026	751.956	ug/l	98
14) Allyl chloride	2.70	41	301596	150.071	ug/l	99
15) Acrylonitrile	3.12	53	616717	759.900	ug/l	100
16) Acetone	2.42	43	461906	716.889	ug/l	99
17) Carbon Disulfide	2.54	76	664640	153.722	ug/l	100
18) Methyl Acetate	2.75	43	227621	143.641	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	820195	153.042	ug/l	99
20) Methylene Chloride	2.83	84	271282	144.156	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	279998	151.766	ug/l	96
22) Diisopropyl ether	3.82	45	660502	153.819	ug/l	99
23) Vinyl Acetate	3.78	43	2941768	781.031	ug/l	99
24) 1,1-Dichloroethane	3.67	63	434903	152.991	ug/l	99
25) 2-Butanone	4.64	43	764877	743.376	ug/l	99
26) 2,2-Dichloropropane	4.54	77	403286	150.765	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	315849	152.568	ug/l	98
28) Bromochloromethane	4.98	49	192191	156.379	ug/l	97
29) Tetrahydrofuran	5.09	42	498004	761.338	ug/l	100
30) Chloroform	5.18	83	485864	153.302	ug/l	98
31) Cyclohexane	5.55	56	368475	148.676	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	443720	157.077	ug/l	99
36) 1,1-Dichloropropene	5.77	75	365155	153.358	ug/l	99
37) Ethyl Acetate	4.79	43	305898	148.817	ug/l	99
38) Carbon Tetrachloride	5.76	117	390475	159.369	ug/l	94

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Manual Integrations
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Quant Time: Oct 27 05:41:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102620W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	459118	156.854	ug/l	98
40) Benzene	6.11	78	1078968	153.905	ug/l	100
41) Methacrylonitrile	5.01	41	161436	152.949	ug/l	99
42) 1,2-Dichloroethane	6.16	62	362283	153.358	ug/l	100
43) Isopropyl Acetate	6.41	43	518728	154.232	ug/l	99
44) Trichloroethene	7.18	130	312478	154.897	ug/l	96
45) 1,2-Dichloropropane	7.49	63	254302	155.361	ug/l	99
46) Dibromomethane	7.63	93	194729	156.858	ug/l	99
47) Bromodichloromethane	7.87	83	391817	162.402	ug/l	99
48) Methyl methacrylate	7.74	41	247994	157.606	ug/l	100
49) 1,4-Dioxane	7.72	88	135591	3205.633	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1568753	798.099	ug/l	99
52) Toluene	8.77	92	724031	159.179	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	444910	166.936	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	463230	162.863	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	289593	159.966	ug/l	99
56) Ethyl methacrylate	9.16	69	433923	167.849	ug/l	99
57) 1,3-Dichloropropane	9.35	76	459258	155.759	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1086086	777.262	ug/l	100
59) 2-Hexanone	9.48	43	1209196	810.219	ug/l	100
60) Dibromochloromethane	9.57	129	336032	150.723	ug/l	99
61) 1,2-Dibromoethane	9.65	107	312884	162.492	ug/l	100
64) Tetrachloroethene	9.32	164	281369	142.854	ug/l	96
65) Chlorobenzene	10.12	112	800410	156.113	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	293843	160.442	ug/l	99
67) Ethyl Benzene	10.24	91	1373840	153.442	ug/l	98
68) m/p-Xylenes	10.34	106	1092633	316.036	ug/l	99
69) o-Xylene	10.68	106	535819	161.725	ug/l	96
70) Styrene	10.70	104	926846	167.824	ug/l	99
71) Bromoform	10.84	173	264171	151.019	ug/l #	99
73) Isopropylbenzene	11.00	105	1429221	150.998	ug/l	100
74) N-amyl acetate	10.88	43	468554	157.649	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	443506	149.874	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	383188m	139.208	ug/l	
77) Bromobenzene	11.24	156	374212	157.495	ug/l	98
78) n-propylbenzene	11.35	91	1611668	151.941	ug/l	99
79) 2-Chlorotoluene	11.41	91	933642	150.248	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1212612	155.717	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	160082	167.094	ug/l	98
82) 4-Chlorotoluene	11.49	91	1133980	154.157	ug/l	98
83) tert-Butylbenzene	11.76	119	1184105	155.189	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1232391	156.261	ug/l	98
85) sec-Butylbenzene	11.93	105	1424098	155.232	ug/l	99
86) p-Isopropyltoluene	12.05	119	1361666	160.595	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	693714	157.009	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	692944	150.461	ug/l	99
89) n-Butylbenzene	12.37	91	1227080	158.400	ug/l	99
90) Hexachloroethane	12.58	117	244904	173.057	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	656769	152.102	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	99204	155.488	ug/l	94

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Mon Oct 26 19:43:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	475509	158.766	ug/l	100
94) Hexachlorobutadiene	13.76	225	205777	153.992	ug/l	98
95) Naphthalene	13.82	128	1511794	159.574	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	468779	159.417	ug/l	97

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

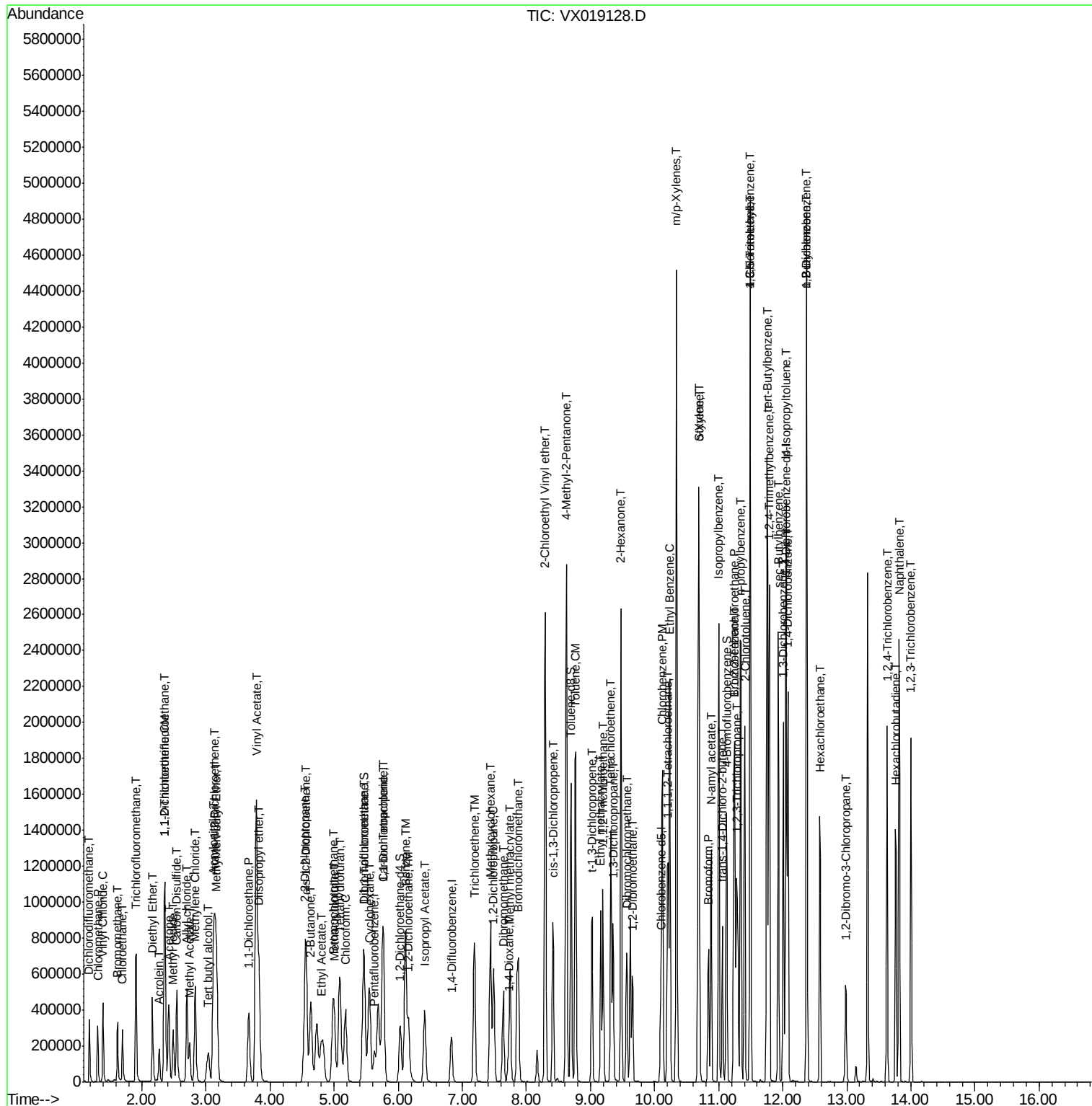
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Data File : VX019128.D
Acq On : 26 Oct 2020 19:16
Operator : JC/SP
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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

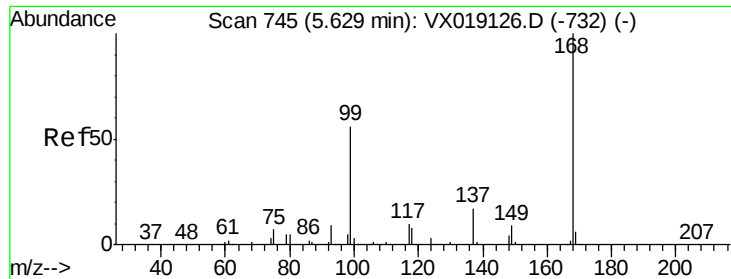
Instrument :
MSVOA_X
ClientSampleID :
VSTDICC150

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#1

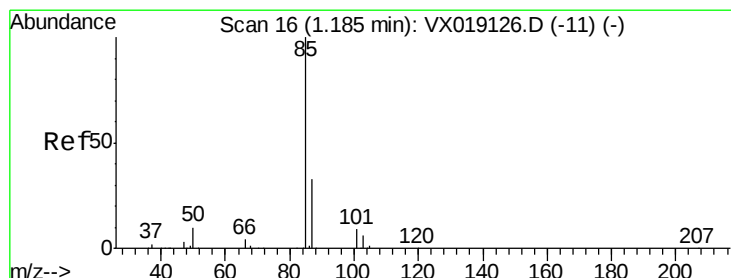
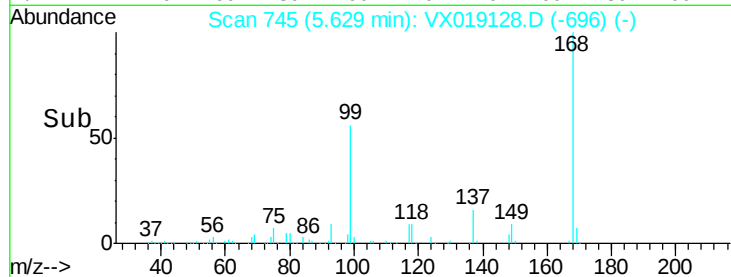
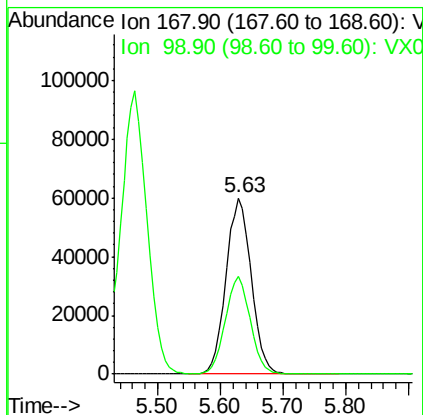
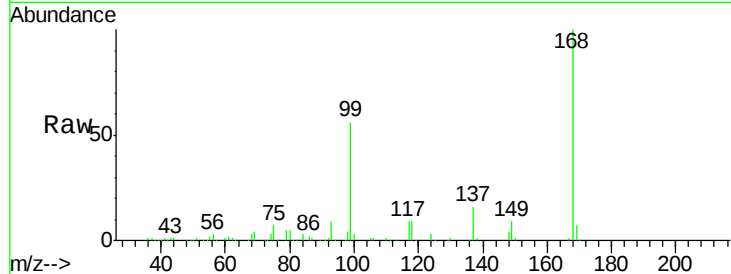
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: VX019128.D
 Acq: 26 Oct 2020 19:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
168	100		
99	55.5	44.4	66.6

Manual Integrations
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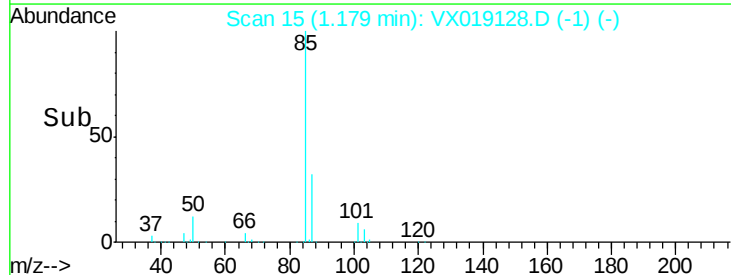
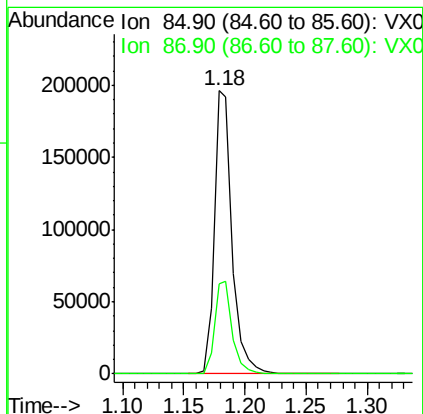
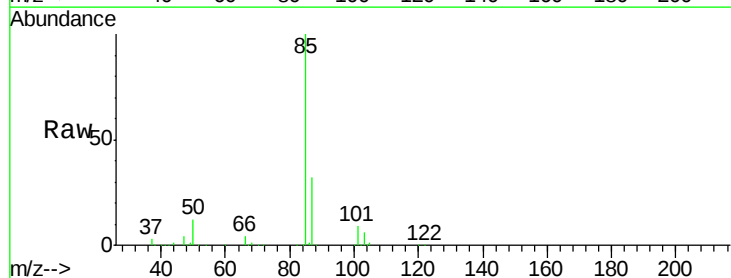
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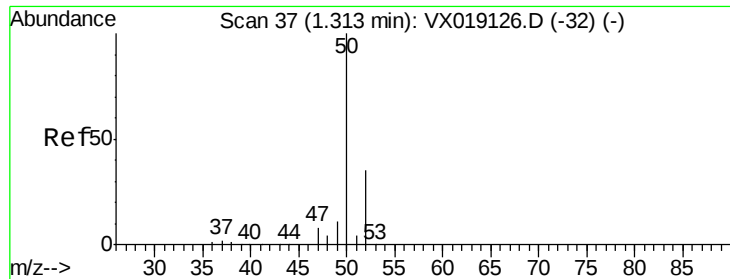


#2

Dichlorodifluoromethane
 Concen: 150.685 ug/l
 RT: 1.18 min Scan# 15
 Delta R.T. -0.01 min
 Lab File: VX019128.D
 Acq: 26 Oct 2020 19:16

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.0	16.3	48.9





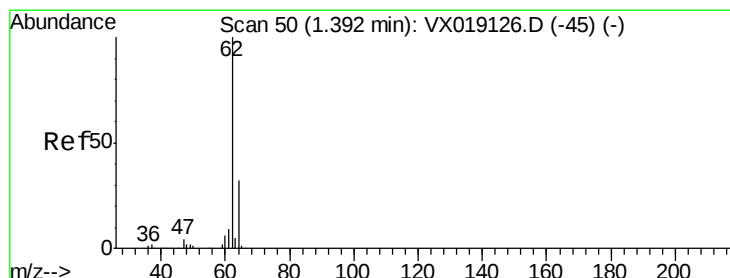
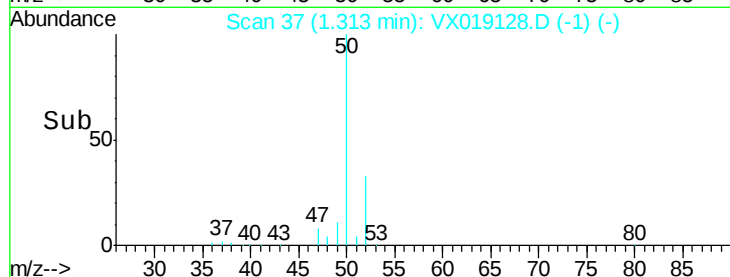
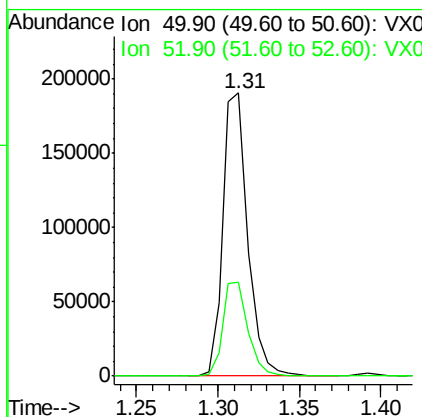
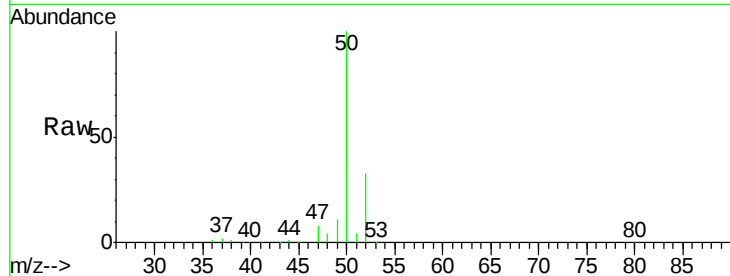
#3
Chloromethane
Concen: 143.216 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 50 Resp: 202673
Ion Ratio Lower Upper
50 100
52 33.3 27.7 41.5

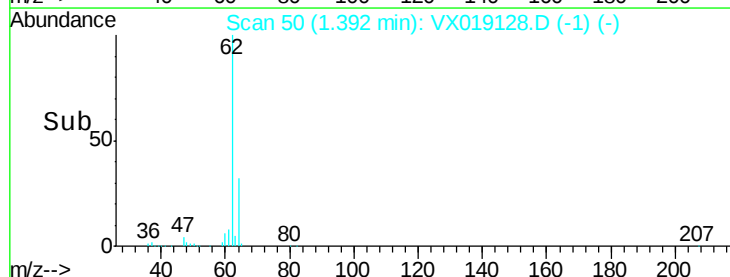
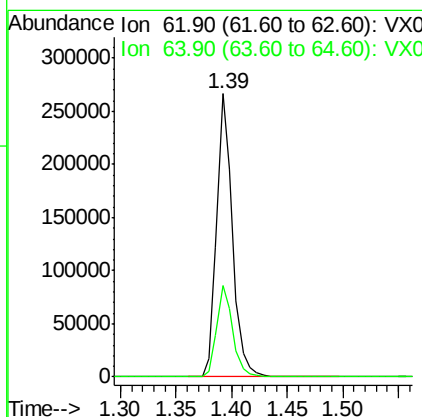
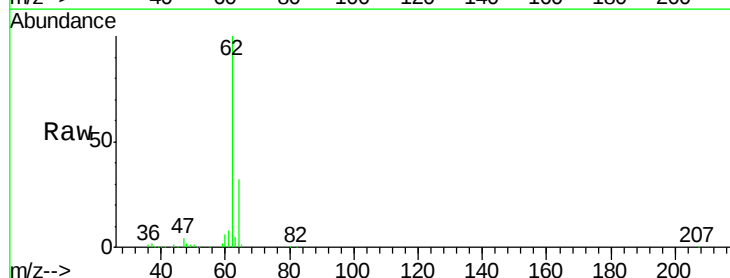
Manual Integrations
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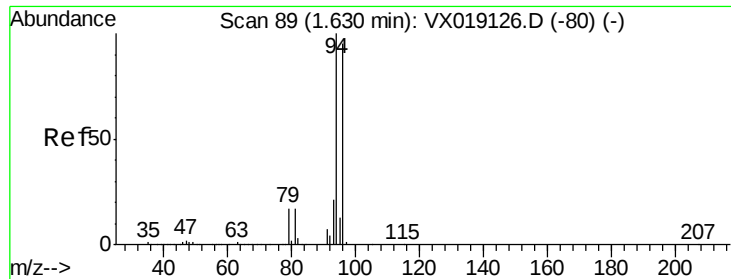
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#4
Vinyl Chloride
Concen: 145.494 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Tgt Ion: 62 Resp: 260825
Ion Ratio Lower Upper
62 100
64 32.4 26.0 39.0





#5

Bromomethane

Concen: 95.640 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 108603

Ion Ratio Lower Upper

94 100

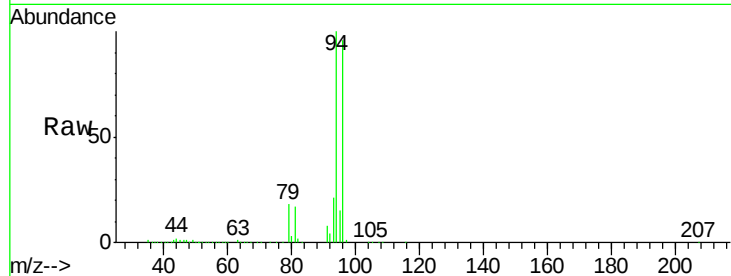
96 96.3 76.3 114.5

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

120000

100000

80000

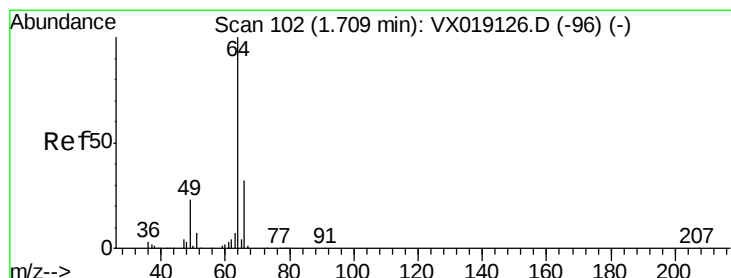
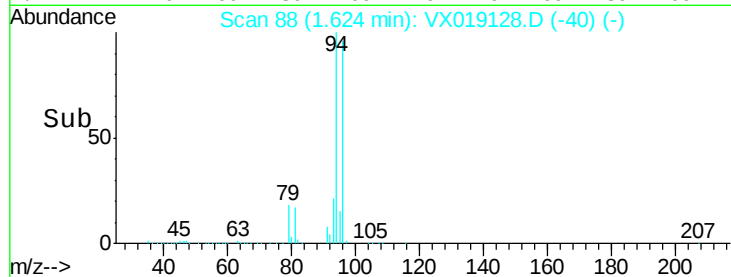
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40000

20000

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Time-->



#6

Chloroethane

Concen: 149.183 ug/l

RT: 1.70 min Scan# 100

Delta R.T. -0.01 min

Lab File: VX019128.D

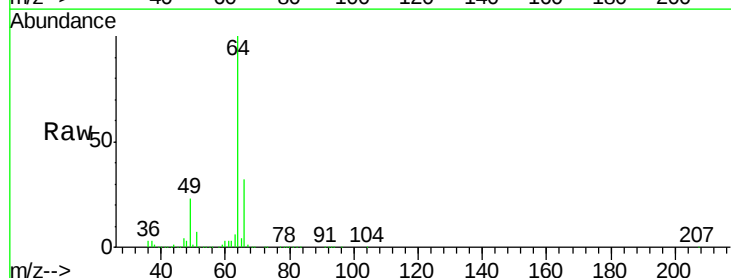
Acq: 26 Oct 2020 19:16

Tgt Ion: 64 Resp: 181834

Ion Ratio Lower Upper

64 100

66 32.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

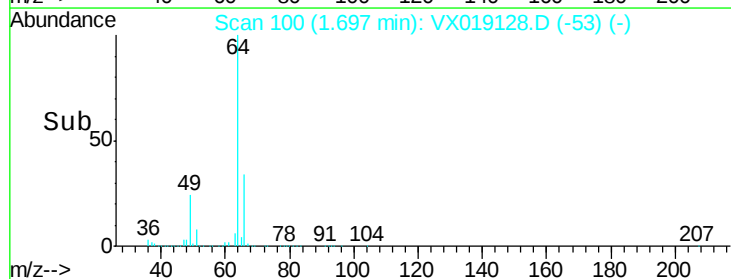
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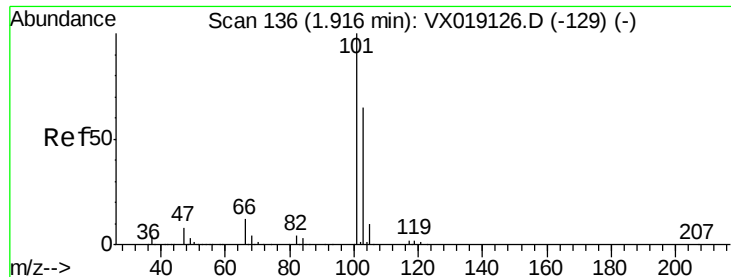
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#7

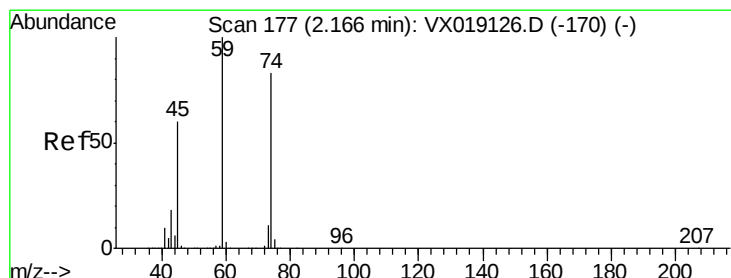
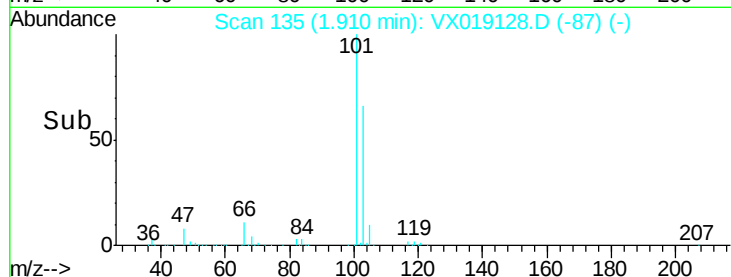
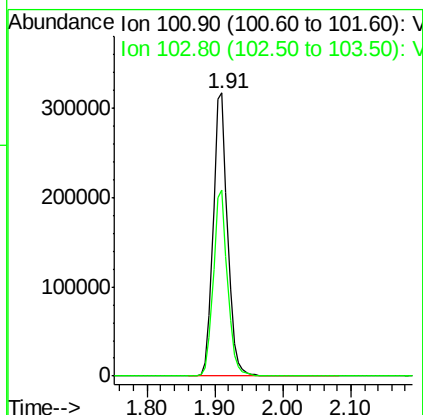
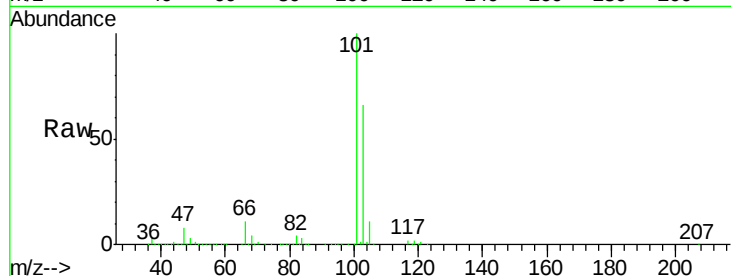
Trichlorofluoromethane
 Concen: 151.207 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.01 min
 Lab File: VX019128.D
 Acq: 26 Oct 2020 19:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.6	51.8	77.6

Manual Integrations
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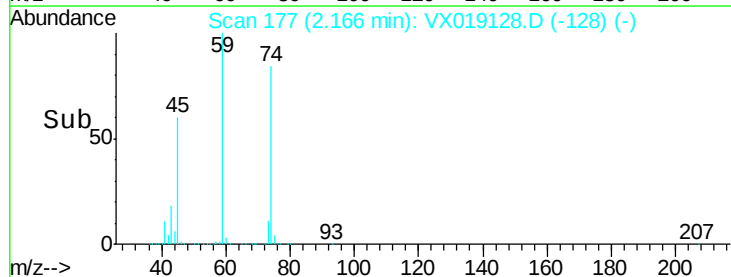
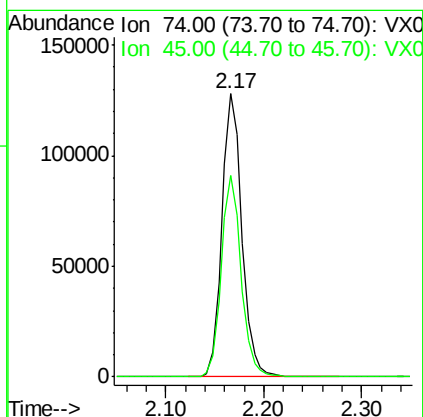
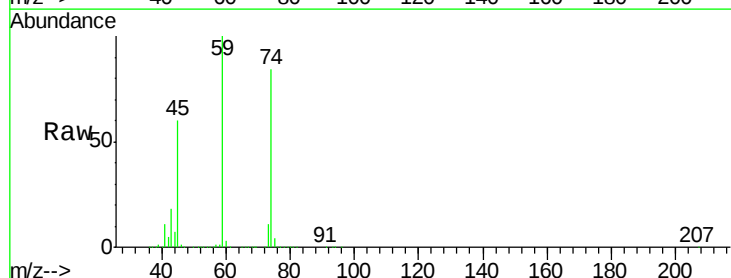
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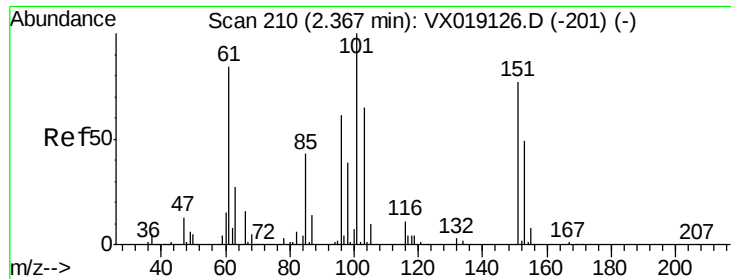


#8

Diethyl Ether
 Concen: 148.680 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX019128.D
 Acq: 26 Oct 2020 19:16

Tgt Ion	Ratio	Lower	Upper
74	100		
45	71.7	36.1	108.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 149.103 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Instrument :

MSVOA_X

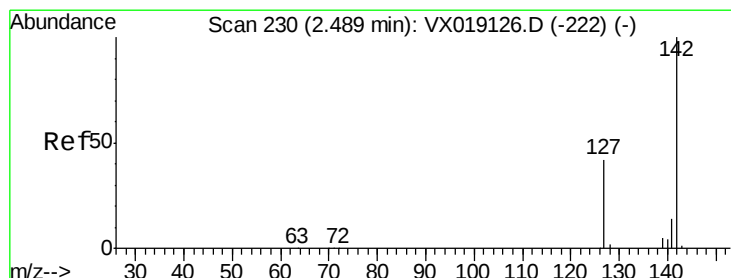
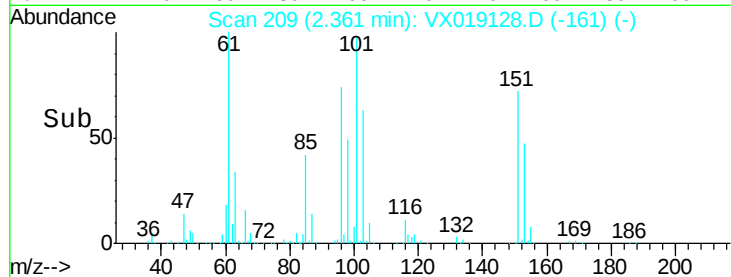
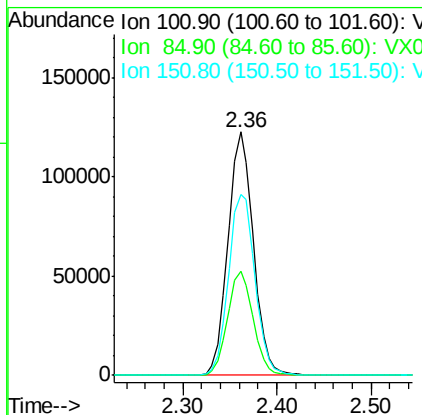
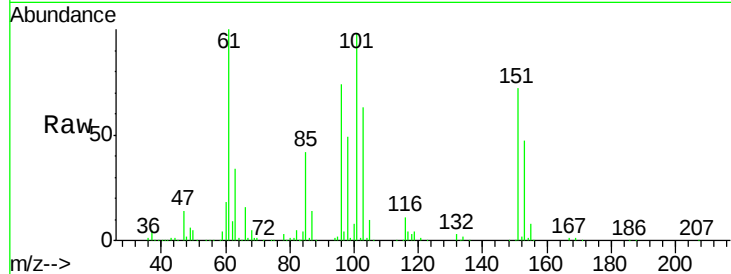
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	230134
Ion Ratio	Lower	Upper	
101	100		
85	43.2	34.7	52.1
151	77.5	61.7	92.5

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#10

Methyl Iodide

Concen: 149.181 ug/l

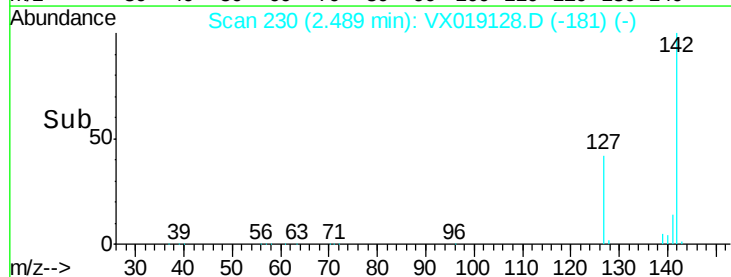
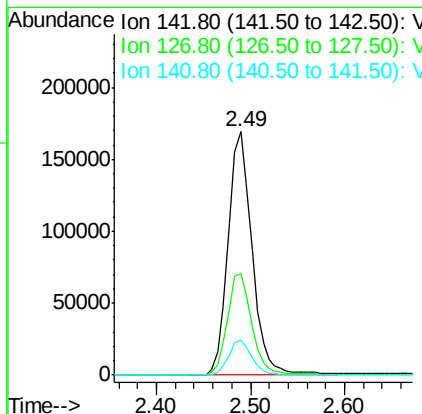
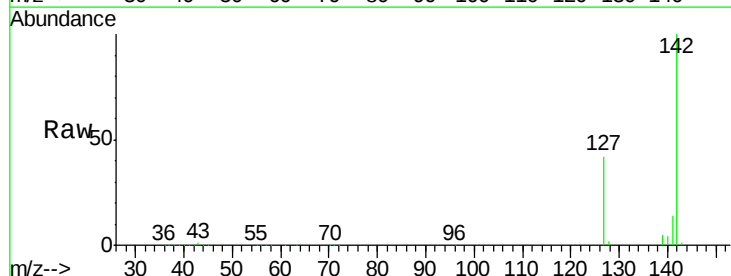
RT: 2.49 min Scan# 230

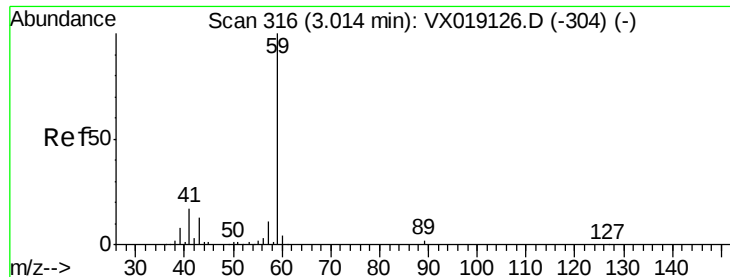
Delta R.T. 0.00 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Tgt Ion:	142	Resp:	301601
Ion Ratio	Lower	Upper	
142	100		
127	42.7	33.1	49.7
141	14.1	11.4	17.0





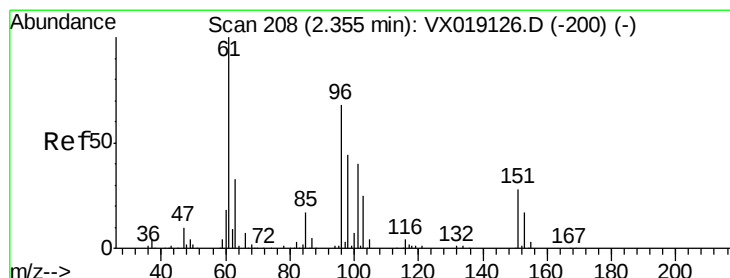
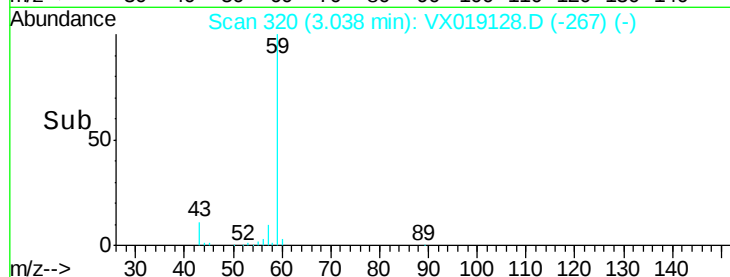
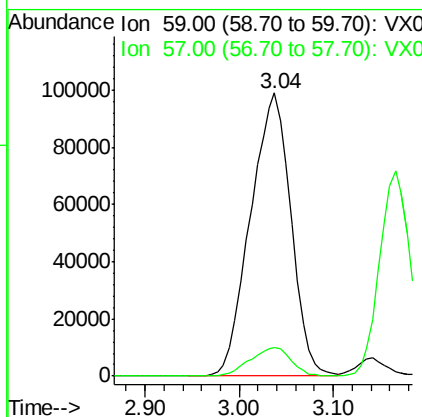
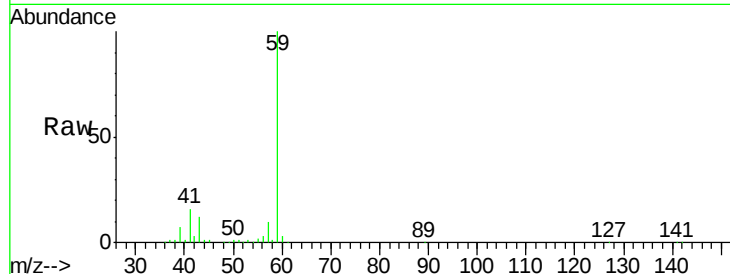
#11
Tert butyl alcohol
Concen: 731.860 ug/l
RT: 3.04 min Scan# 320
Delta R.T. 0.02 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	59.00	Resp	297775
Ion Ratio	100	Lower	Upper
59	100		
57	10.3	8.2	12.4

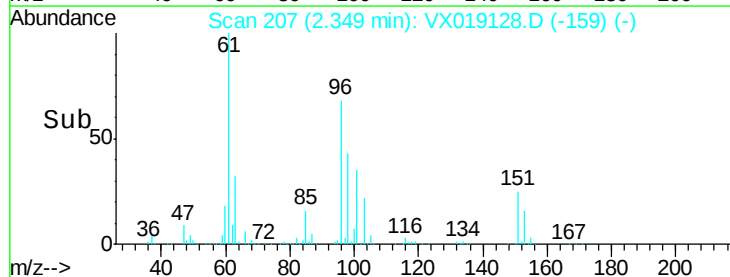
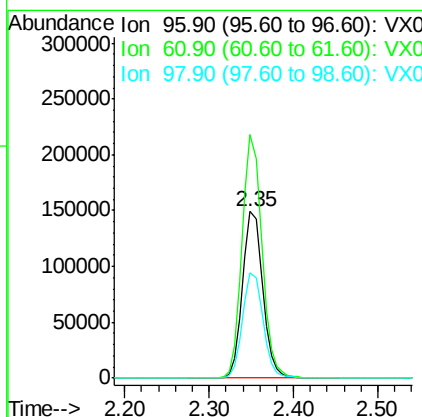
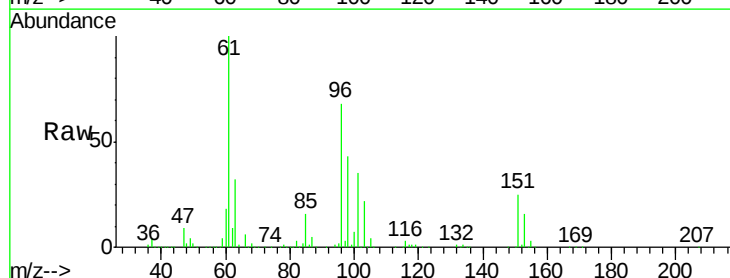
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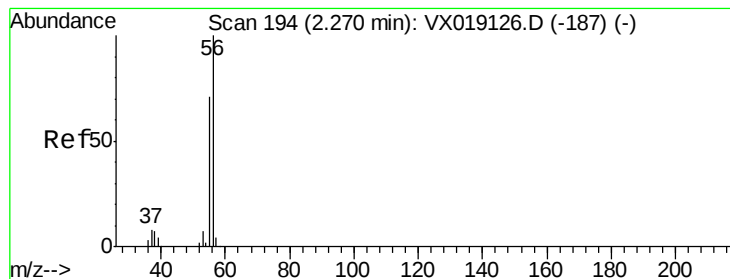
MMDadoda
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#12
1,1-Dichloroethene
Concen: 153.031 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Tgt Ion	96	Resp	239267
Ion Ratio	100	Lower	Upper
96	100		
61	146.2	117.0	175.4
98	63.5	51.2	76.8





#13

Acrolein

Concen: 751.956 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 135026

Ion Ratio Lower Upper

56 100

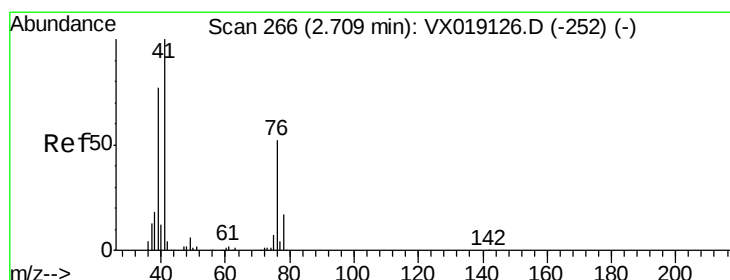
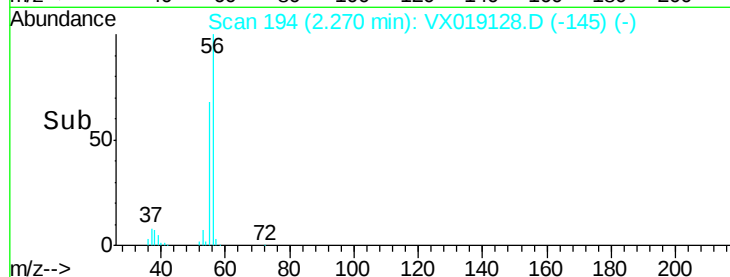
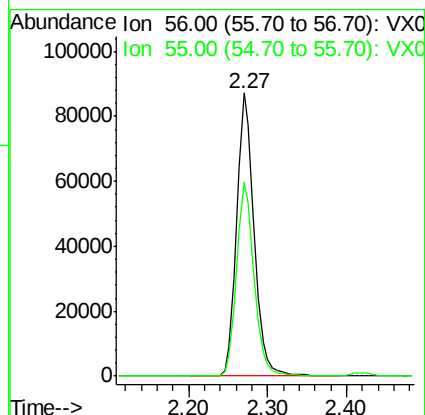
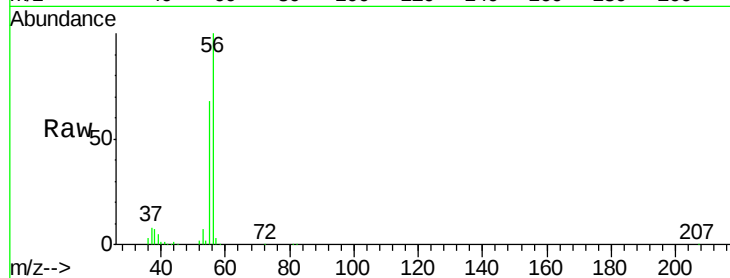
55 68.4 55.9 83.9

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#14

Allyl chloride

Concen: 150.071 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

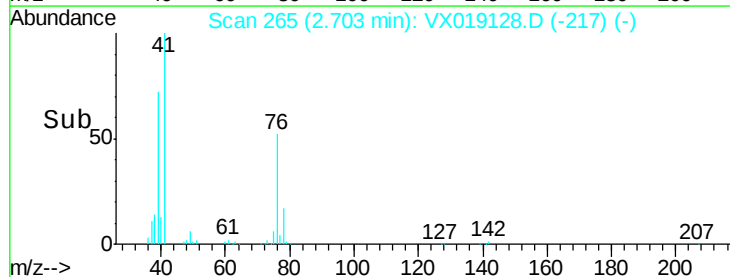
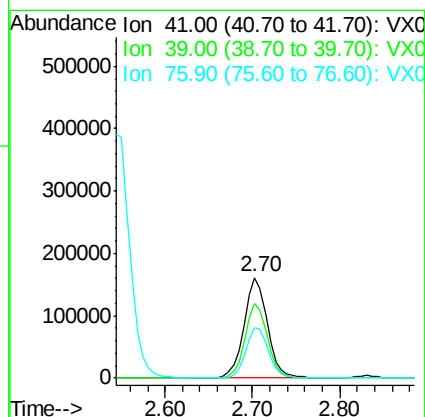
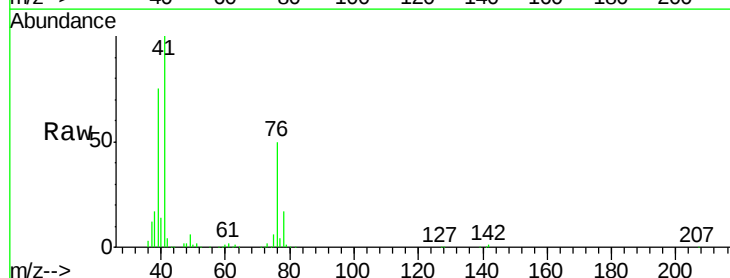
Tgt Ion: 41 Resp: 301596

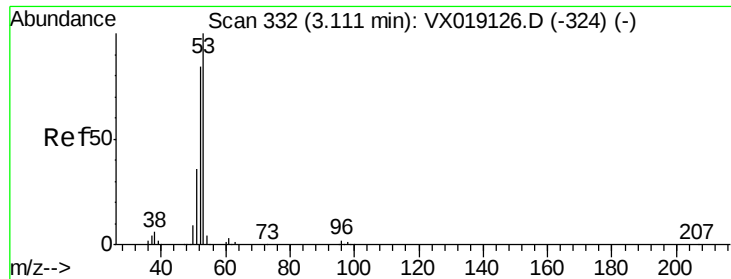
Ion Ratio Lower Upper

41 100

39 70.7 57.0 85.4

76 48.0 37.6 56.4





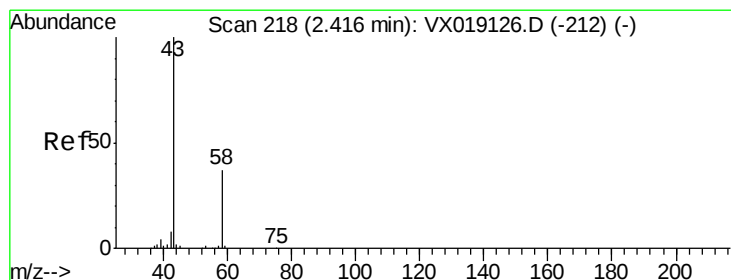
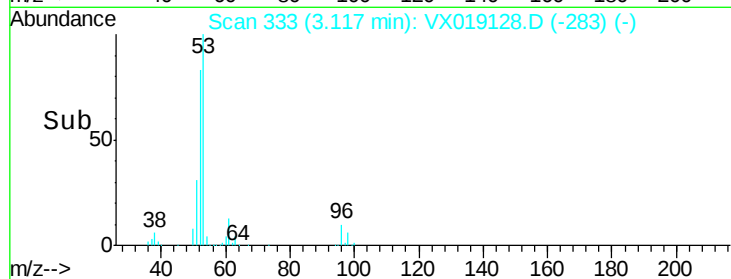
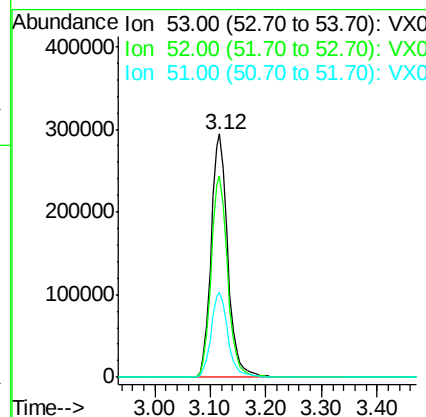
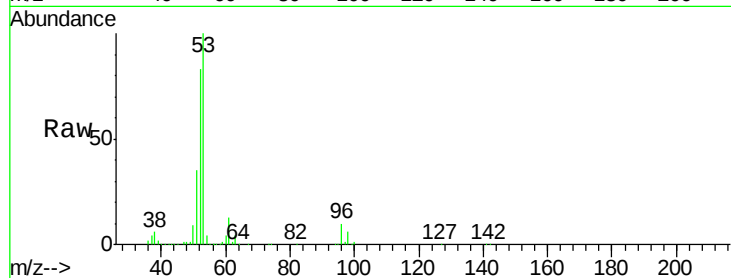
#15
 Acrylonitrile
 Concen: 759.900 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.01 min
 Lab File: VX019128.D
 Acq: 26 Oct 2020 19:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:	53	Resp:	616717
Ion Ratio	Lower	Upper	
53	100		
52	82.2	65.8	98.8
51	35.5	28.5	42.7

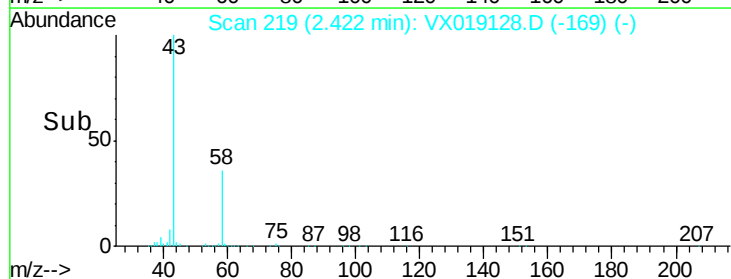
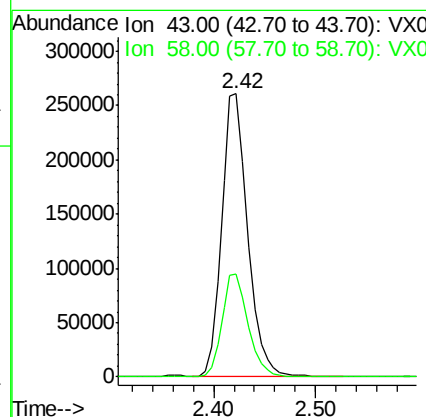
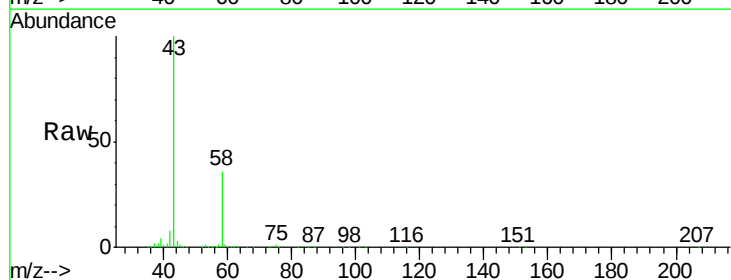
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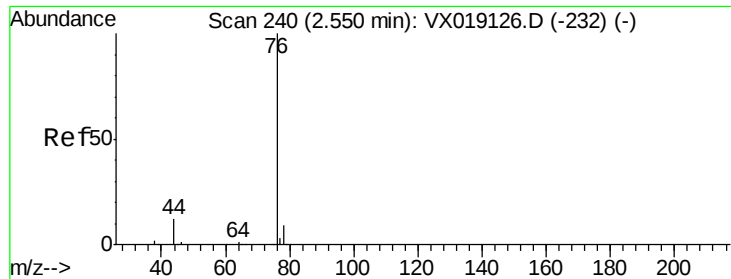
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#16
 Acetone
 Concen: 716.889 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. 0.01 min
 Lab File: VX019128.D
 Acq: 26 Oct 2020 19:16

Tgt Ion:	43	Resp:	461906
Ion Ratio	Lower	Upper	
43	100		
58	36.3	29.4	44.0





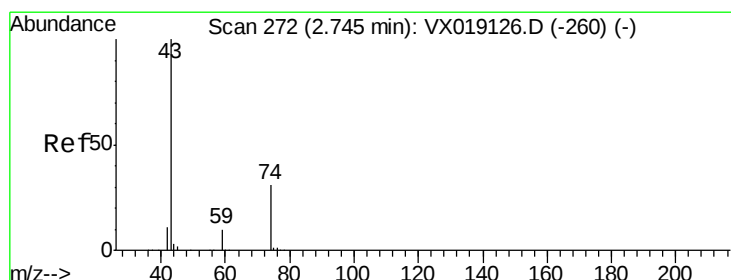
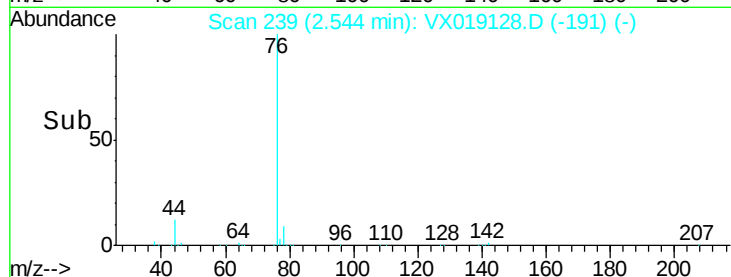
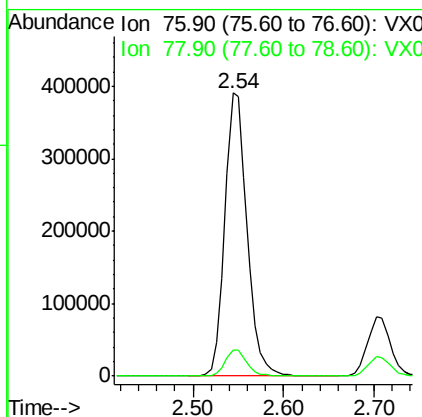
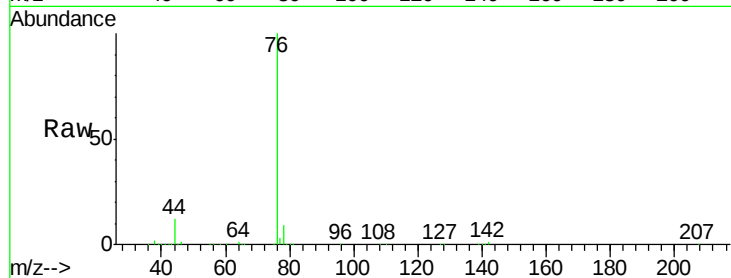
#17
Carbon Disulfide
Concen: 153.722 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.2	10.8

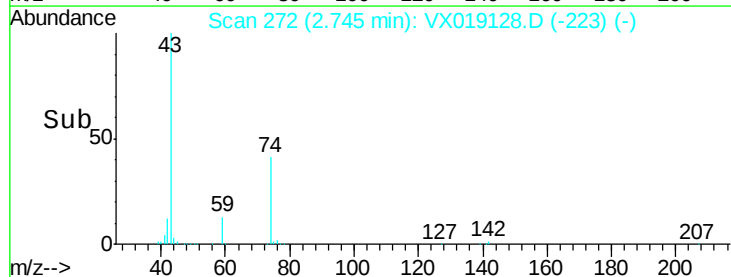
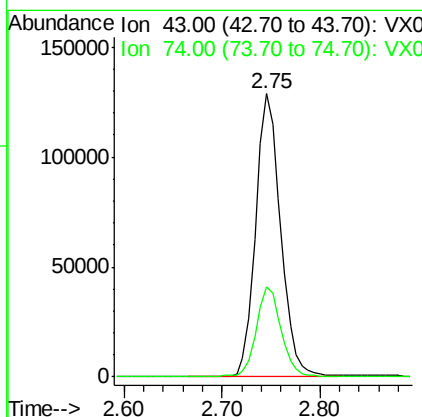
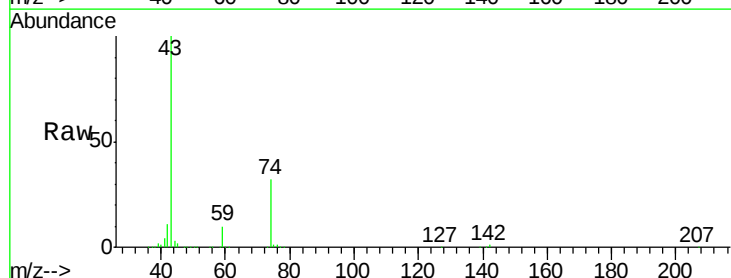
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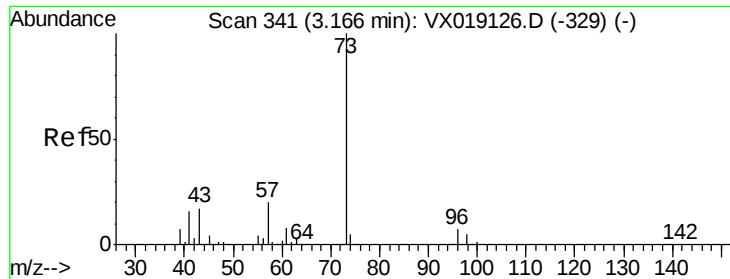
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#18
Methyl Acetate
Concen: 143.641 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Tgt Ion	Ratio	Lower	Upper
43	100		
74	31.9	25.3	37.9





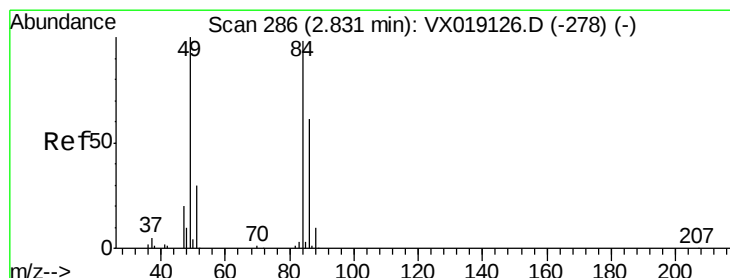
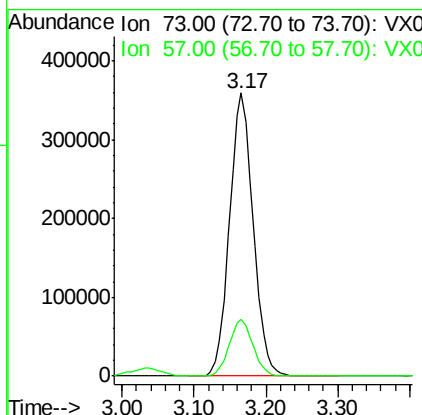
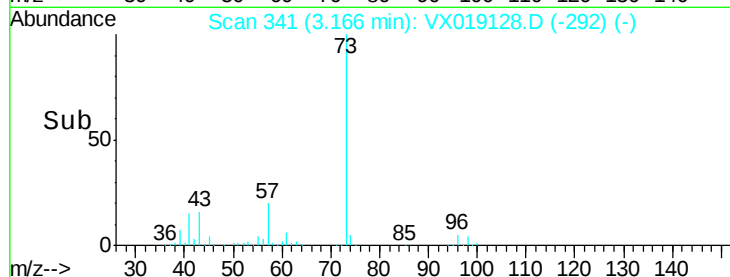
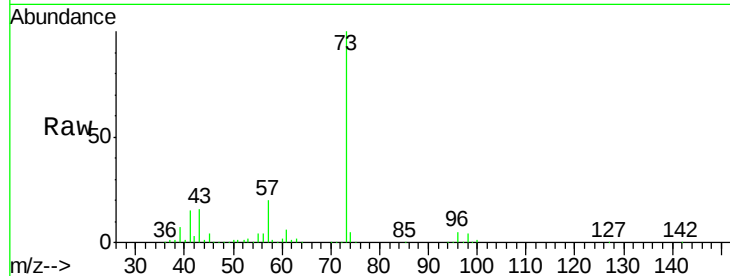
#19
Methyl tert-butyl Ether
Concen: 153.042 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.9	16.2	24.2

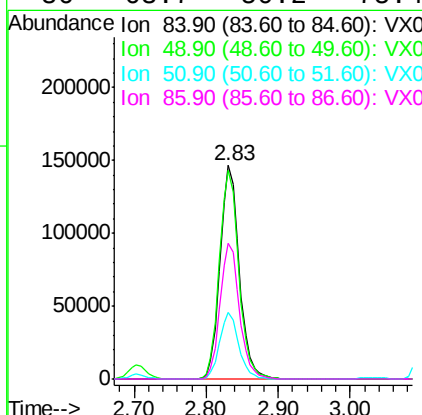
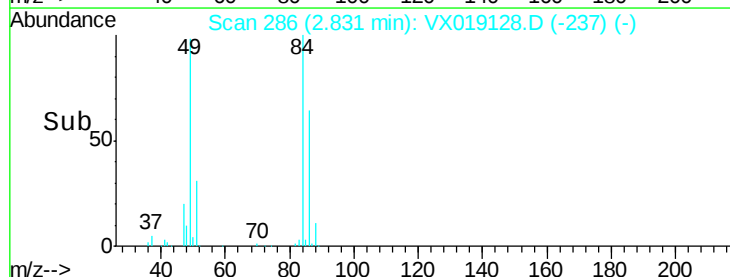
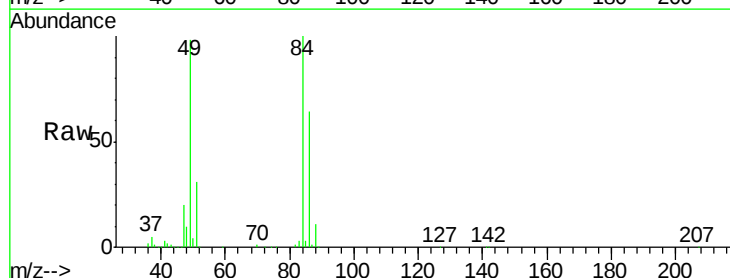
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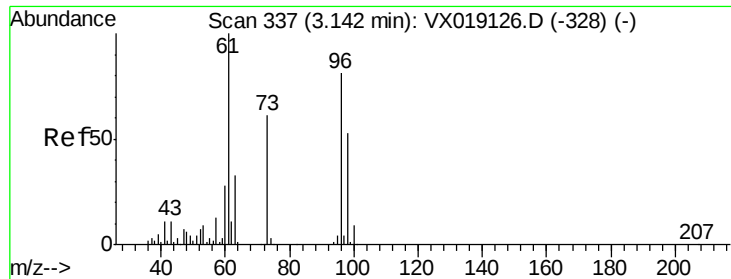
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#20
Methylene Chloride
Concen: 144.156 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Tgt Ion	Ratio	Lower	Upper
84	100		
49	97.8	82.0	123.0
51	30.9	24.2	36.4
86	63.7	50.2	75.4





#21

trans-1,2-Dichloroethene

Concen: 151.766 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Instrument :

MSVOA_X

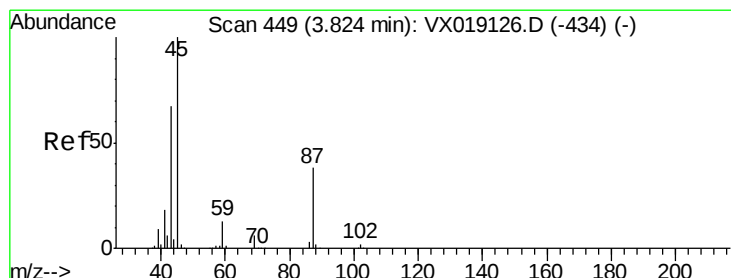
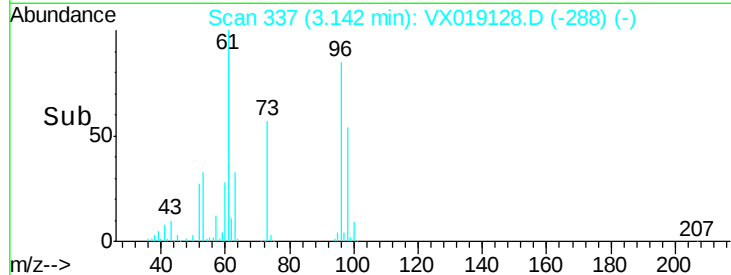
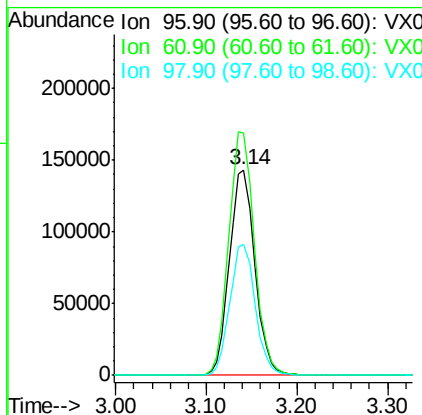
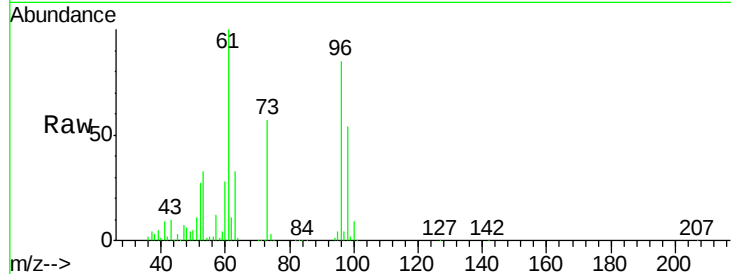
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	279998
Ion	Ratio	Lower	Upper
96	100		
61	118.0	98.8	148.2
98	63.7	52.6	79.0

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#22

Diisopropyl ether

Concen: 153.819 ug/l

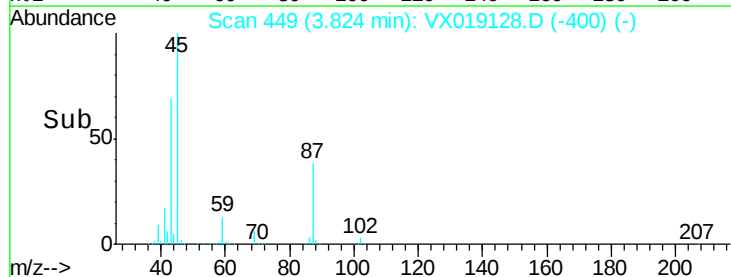
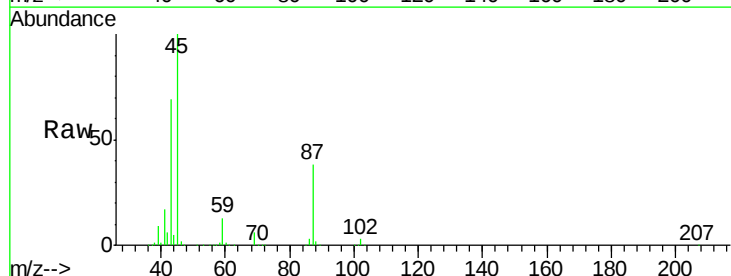
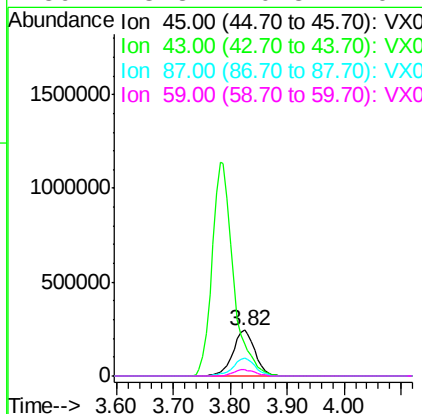
RT: 3.82 min Scan# 449

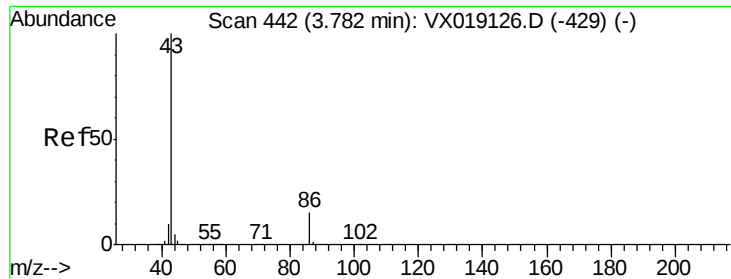
Delta R.T. -0.00 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Tgt Ion:	45	Resp:	660502
Ion	Ratio	Lower	Upper
45	100		
43	68.9	54.4	81.6
87	37.8	30.2	45.2
59	13.3	10.8	16.2





#23

Vinyl Acetate

Concen: 781.031 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 2941768

Ion Ratio Lower Upper

43 100

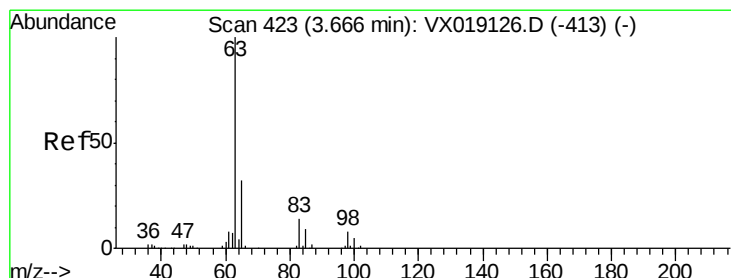
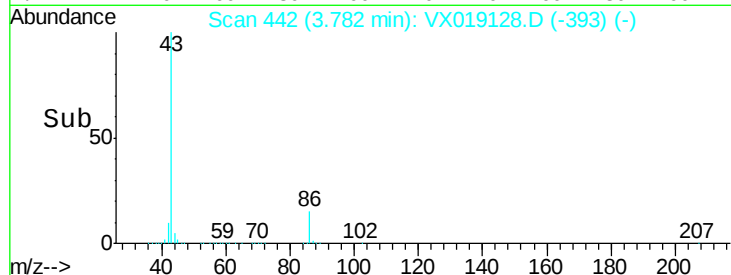
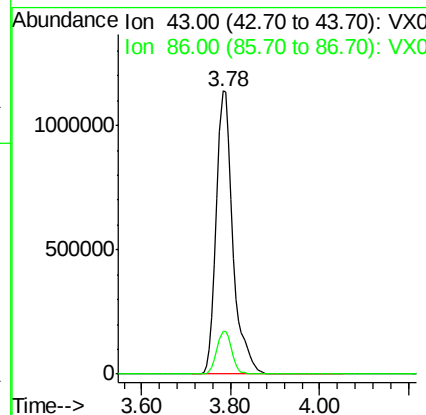
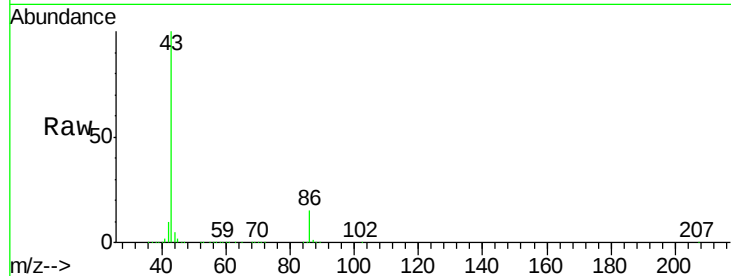
86 15.3 11.9 17.9

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#24

1,1-Dichloroethane

Concen: 152.991 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

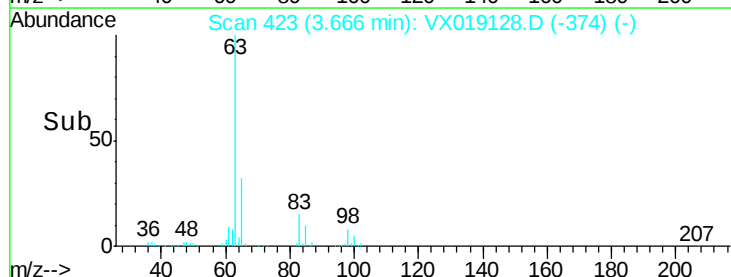
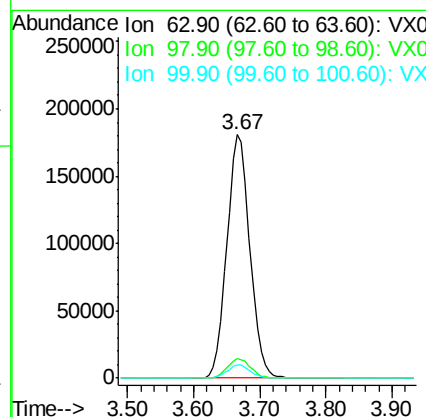
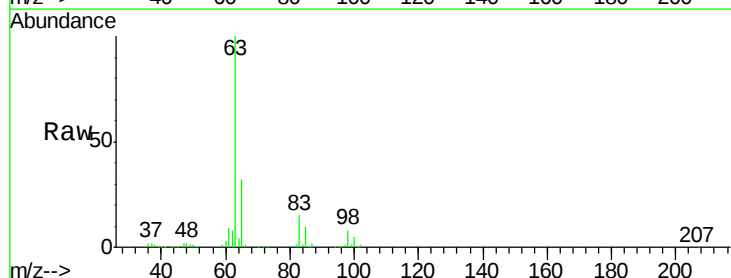
Tgt Ion: 63 Resp: 434903

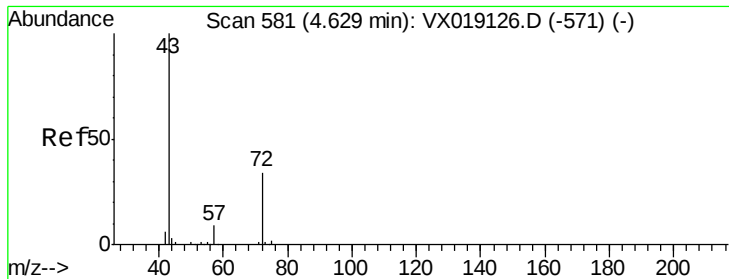
Ion Ratio Lower Upper

63 100

98 8.1 3.9 11.5

100 5.3 2.5 7.4





#25

2-Butanone

Concen: 743.376 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 764877

Ion Ratio Lower Upper

43 100

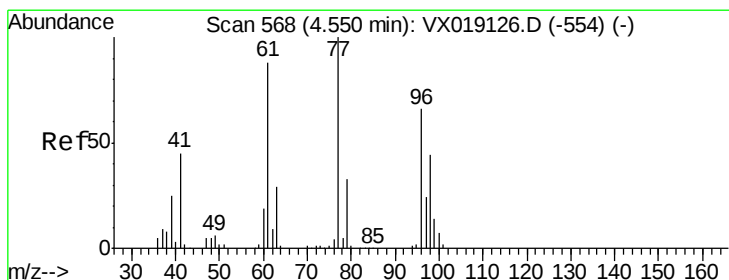
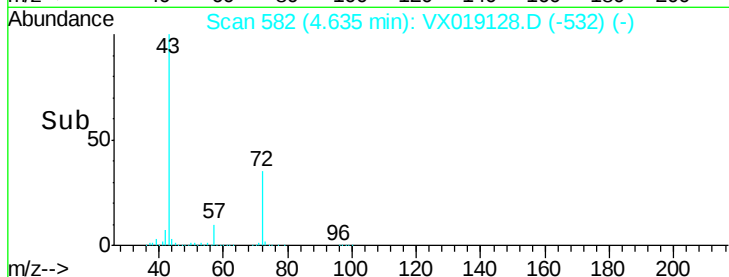
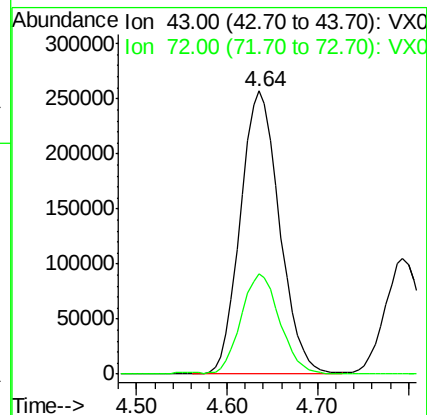
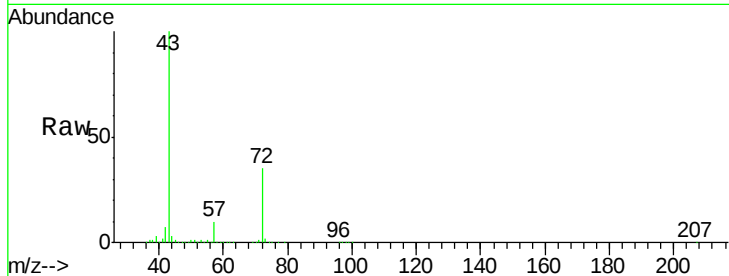
72 35.2 27.5 41.3

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10/27/2020 6:55:35 PM



#26

2,2-Dichloropropane

Concen: 150.765 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX019128.D

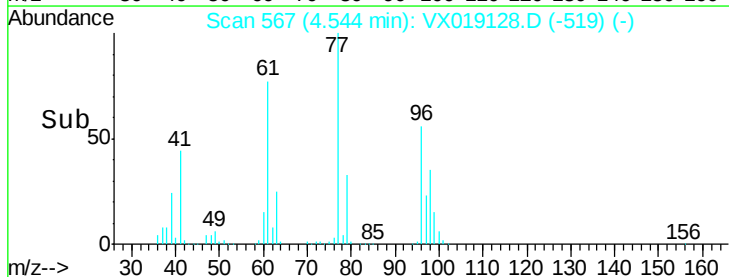
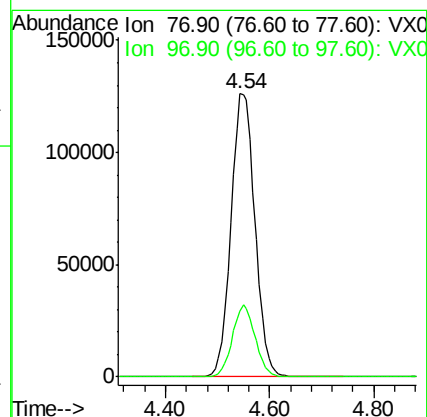
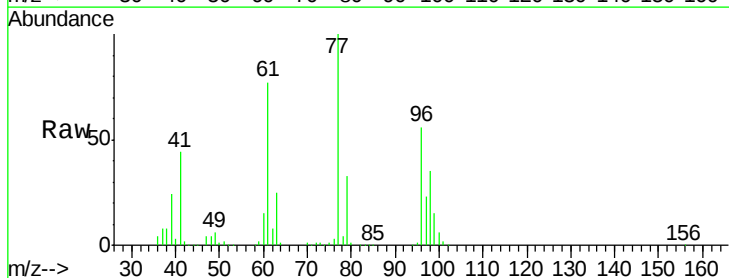
Acq: 26 Oct 2020 19:16

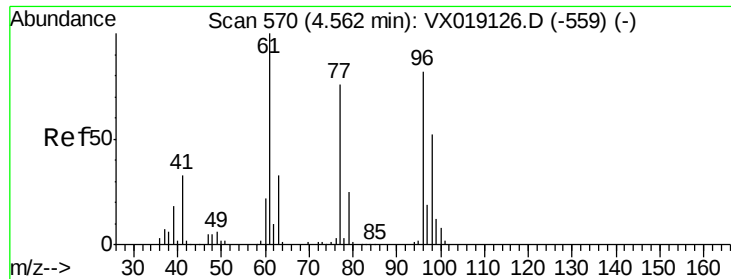
Tgt Ion: 77 Resp: 403286

Ion Ratio Lower Upper

77 100

97 24.1 11.9 35.7





#27

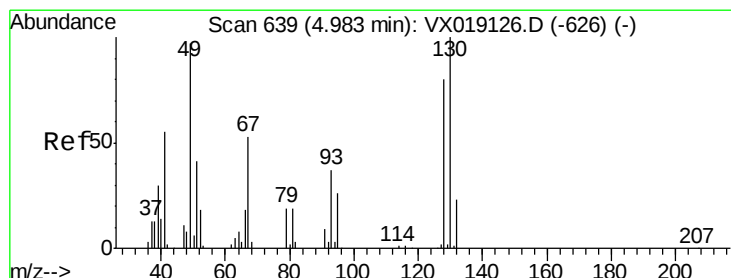
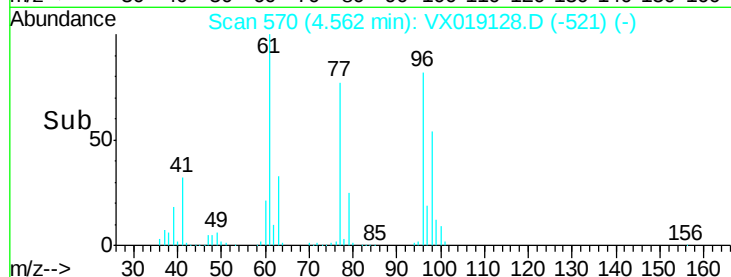
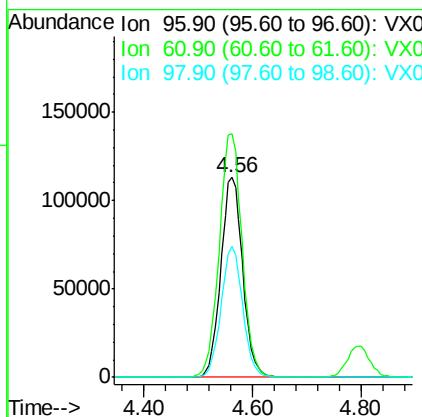
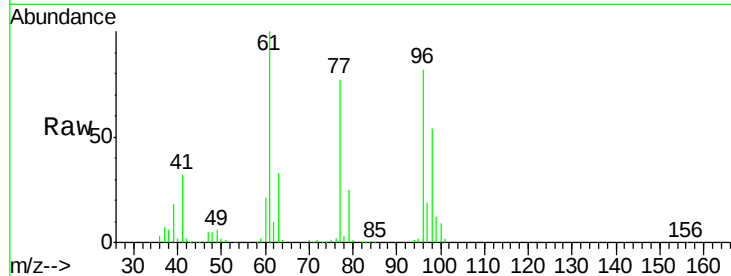
cis-1,2-Dichloroethene
Concen: 152.568 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	127.5	0.0	260.0	
98	64.7	0.0	131.6	

Manual Integrations
APPROVED

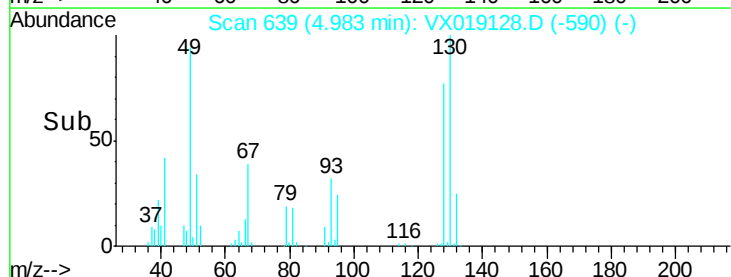
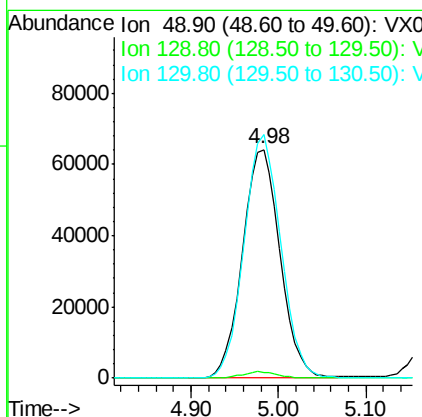
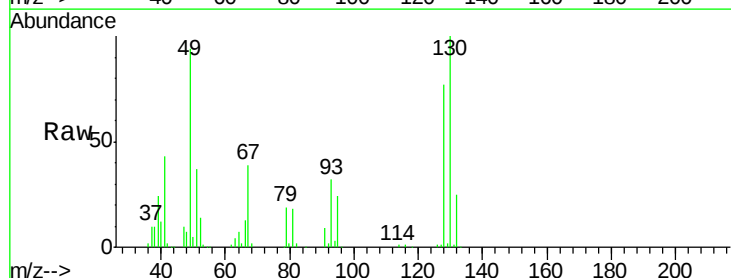
MMDadoda
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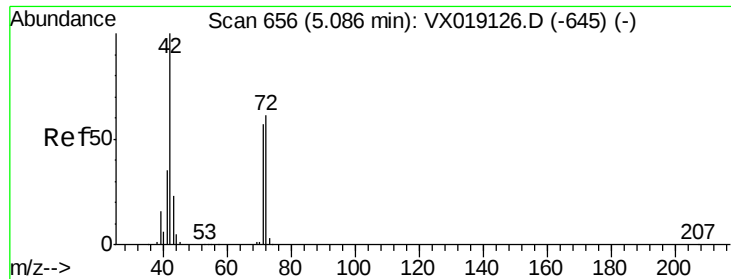


#28

Bromochloromethane
Concen: 156.379 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.6	0.0	5.2	
130	104.6	81.1	121.7	





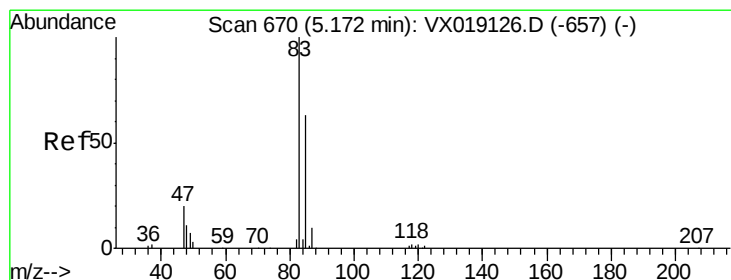
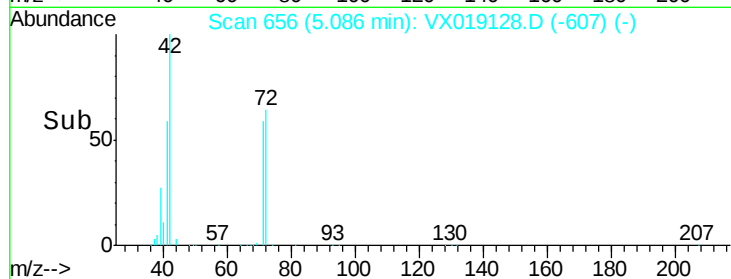
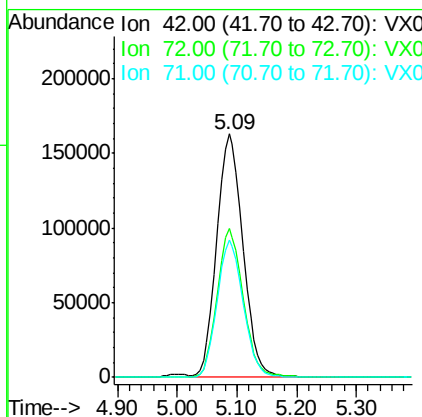
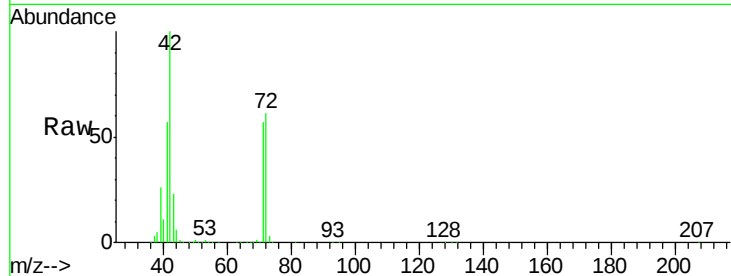
#29
Tetrahydrofuran
Concen: 761.338 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
42	100		
72	60.9	49.0	73.6
71	56.2	44.9	67.3

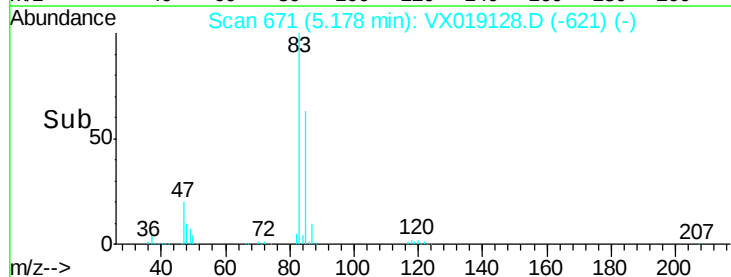
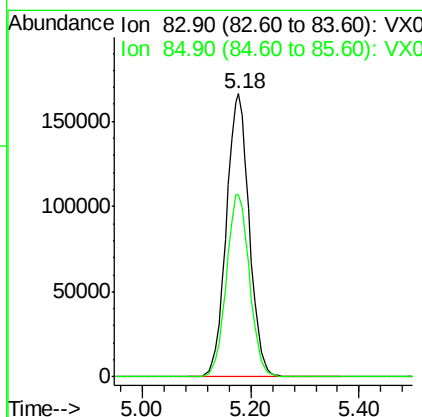
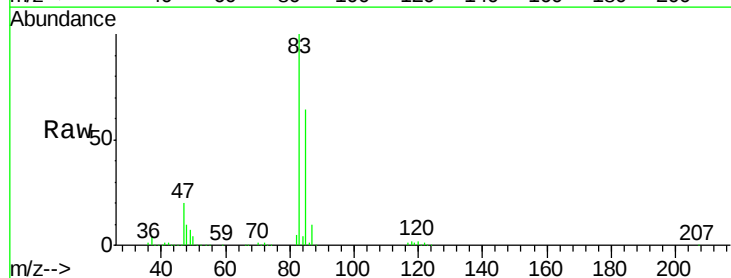
Manual Integrations
APPROVED

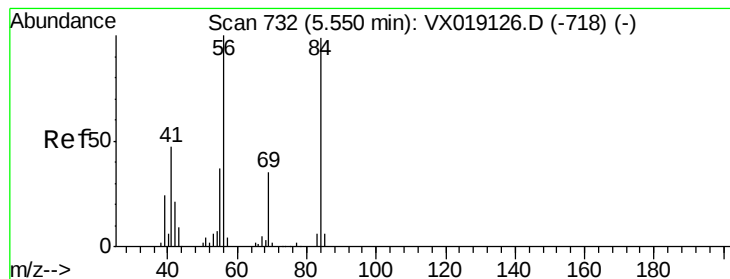
MMDadoda
10/27/2020 6:55:35 PM



#30
Chloroform
Concen: 153.302 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.01 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.3	75.5





#31

Cyclohexane

Concen: 148.676 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 368475

Ion Ratio Lower Upper

56 100

69 33.9 28.1 42.1

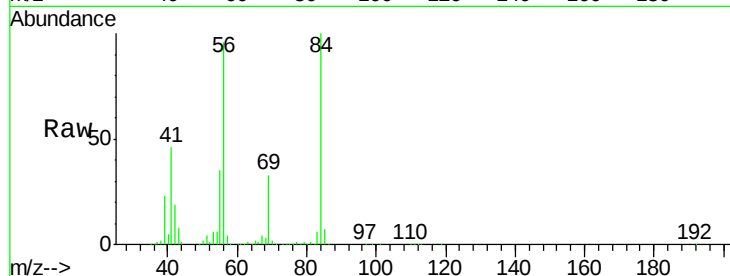
84 101.9 79.0 118.6

Manual Integrations

APPROVED

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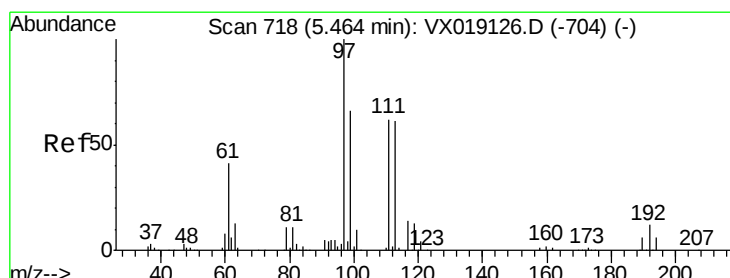
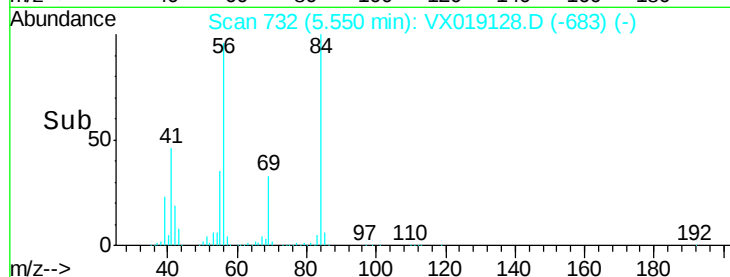
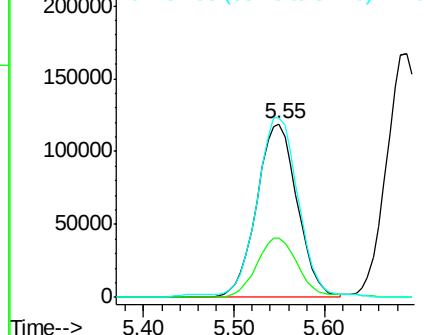
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 157.077 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

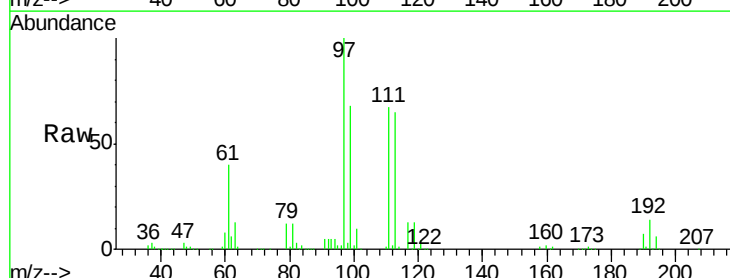
Tgt Ion: 97 Resp: 443720

Ion Ratio Lower Upper

97 100

99 64.4 51.8 77.8

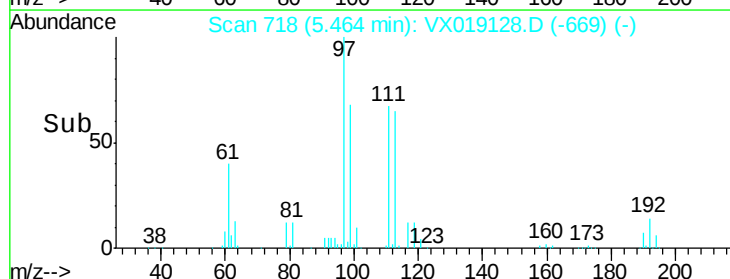
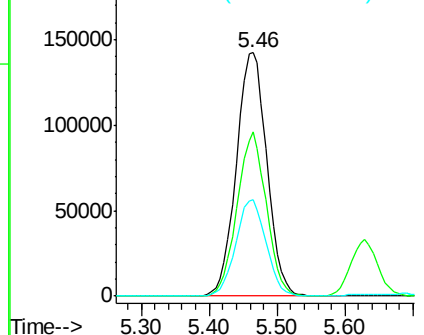
61 39.4 32.5 48.7

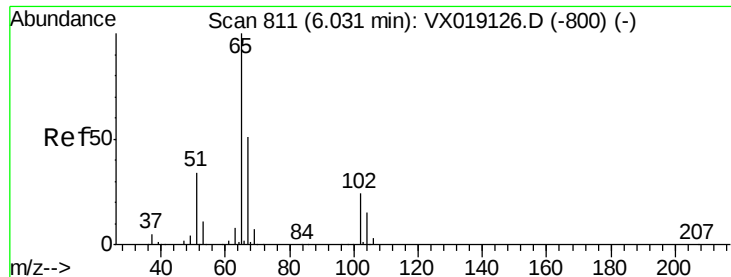


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 147.666 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 65 Resp: 294216

Ion Ratio Lower Upper

65 100

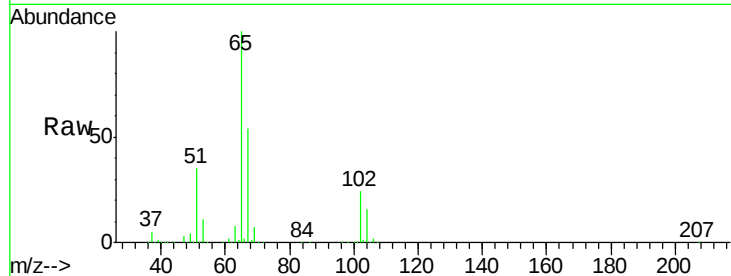
67 52.9 0.0 104.0

Manual Integrations

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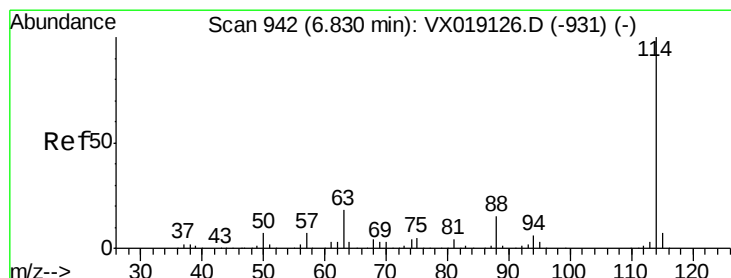
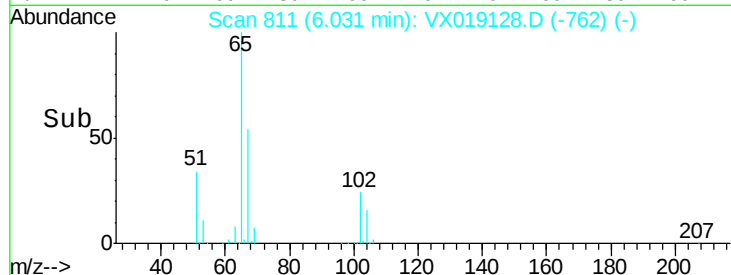
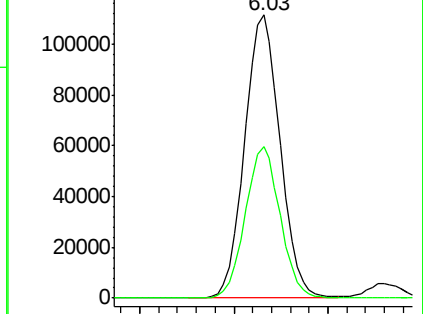
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

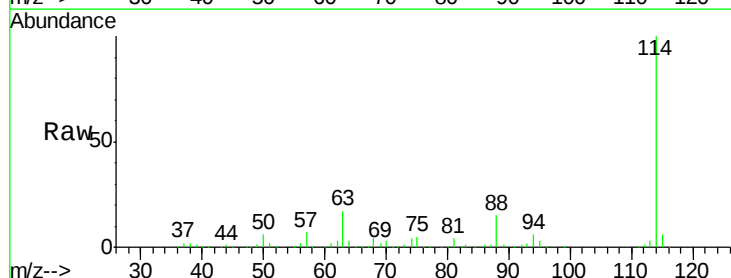
Tgt Ion: 114 Resp: 272114

Ion Ratio Lower Upper

114 100

63 17.4 0.0 36.4

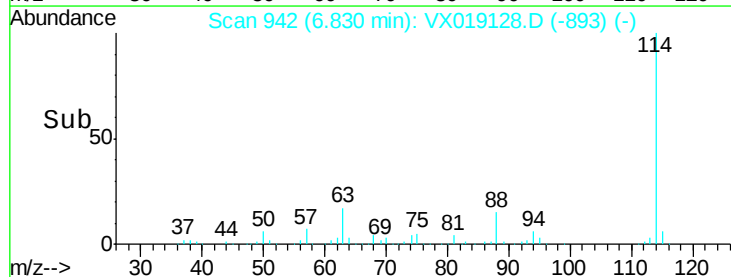
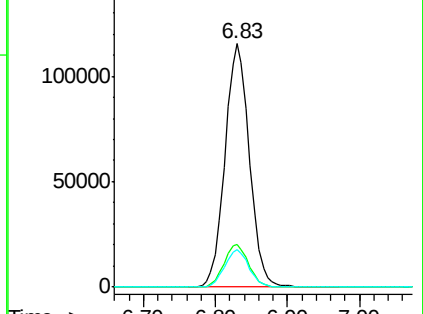
88 15.3 0.0 30.8

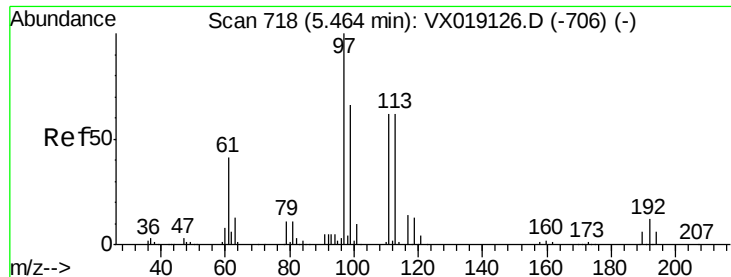


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





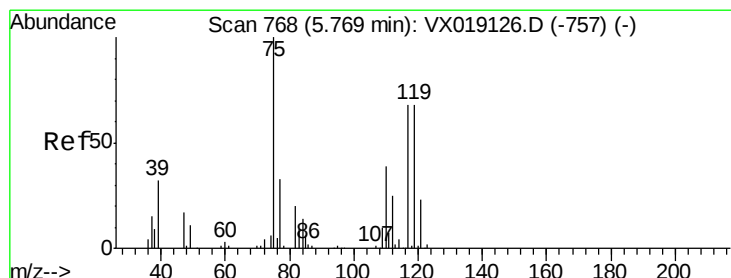
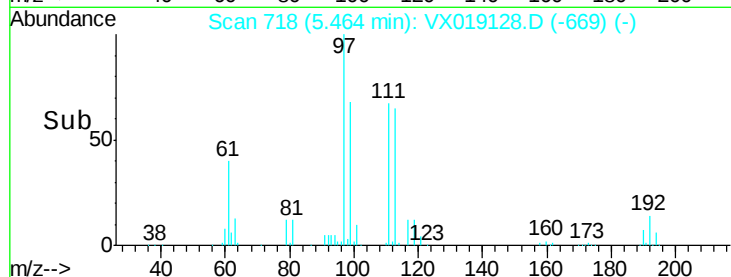
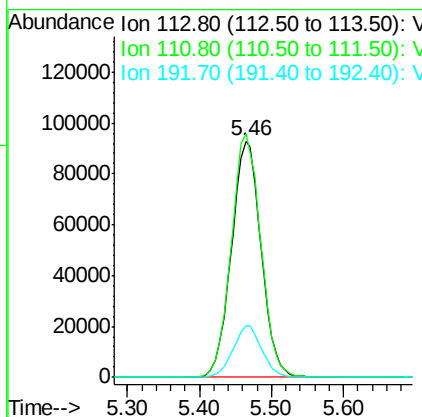
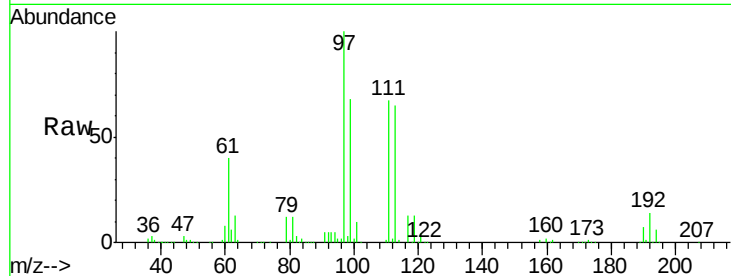
#35
Dibromofluoromethane
Concen: 157.154 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
113	100	265483		
111	102.7	81.8	122.6	
192	21.2	16.1	24.1	

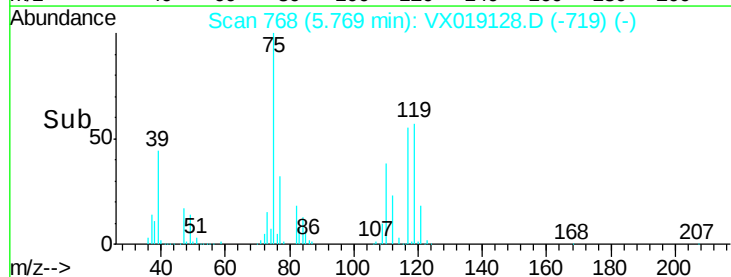
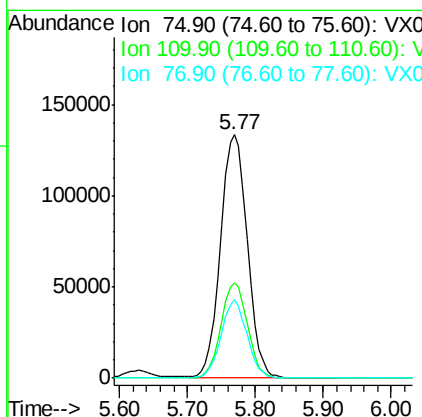
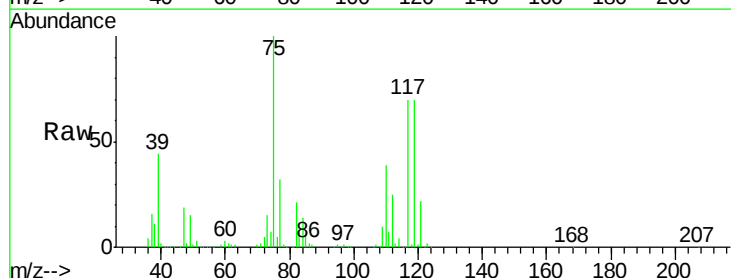
Manual Integrations
APPROVED

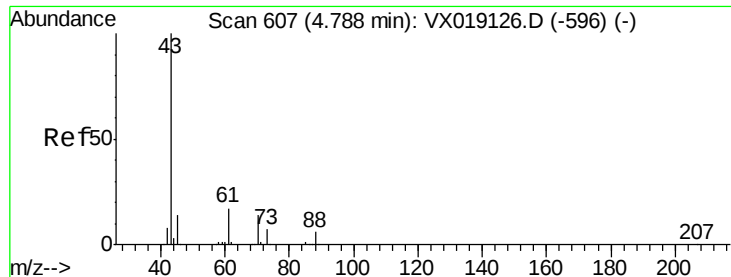
MMDadoda
10/27/2020 6:55:35 PM



#36
1,1-Dichloropropene
Concen: 153.358 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	365155		
110	38.8	19.3	57.9	
77	31.0	25.4	38.0	





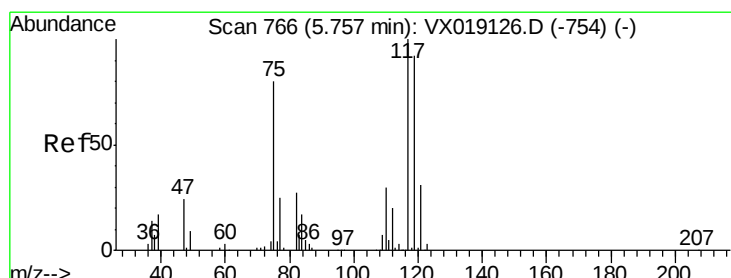
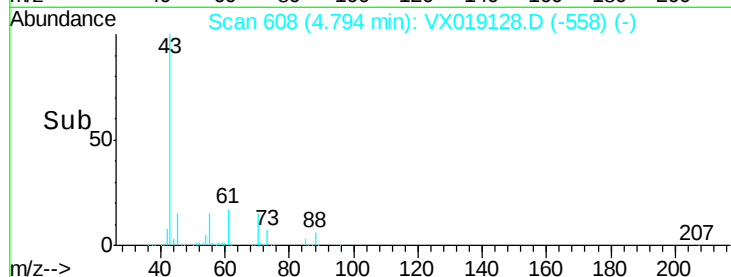
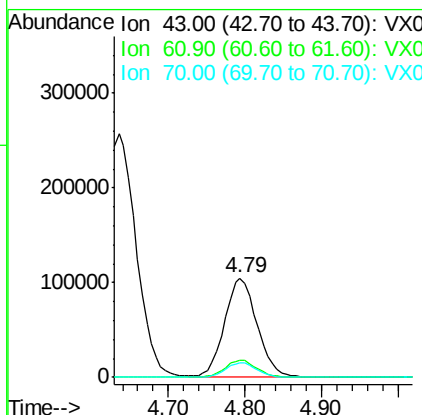
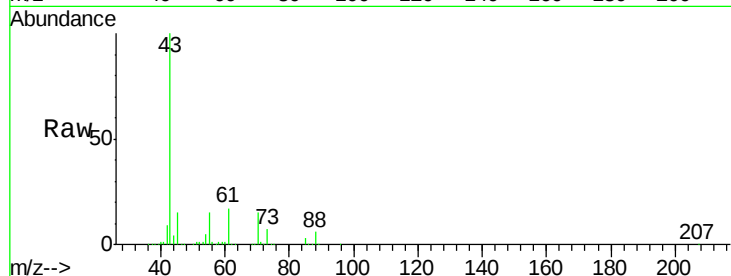
#37
Ethyl Acetate
Concen: 148.817 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.2	13.6	20.4
70	14.5	11.0	16.6

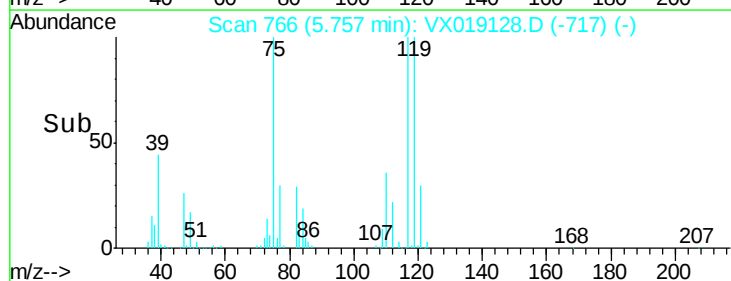
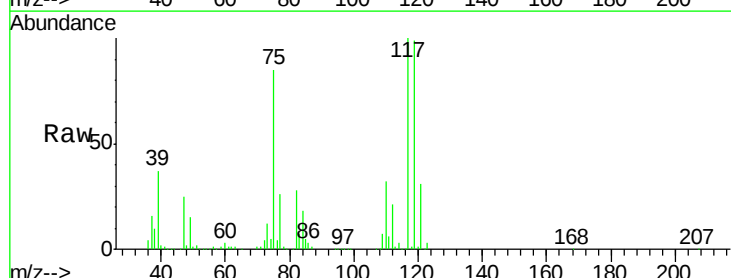
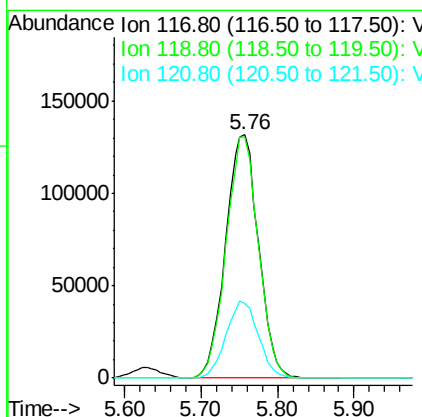
Manual Integrations
APPROVED

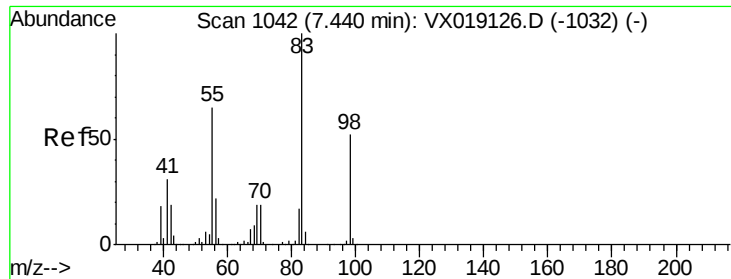
MMDadoda
10/27/2020 6:55:35 PM



#38
Carbon Tetrachloride
Concen: 159.369 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.1	73.5	110.3
121	30.6	24.3	36.5





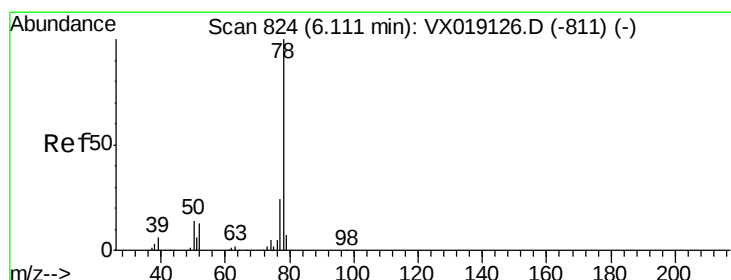
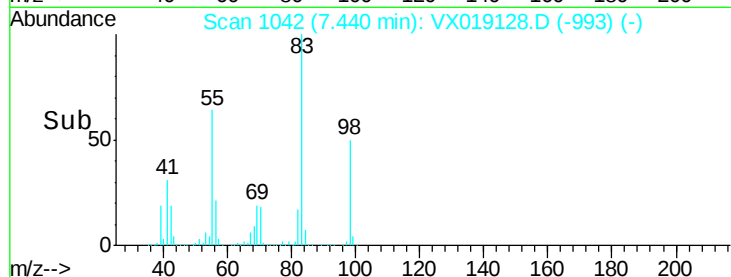
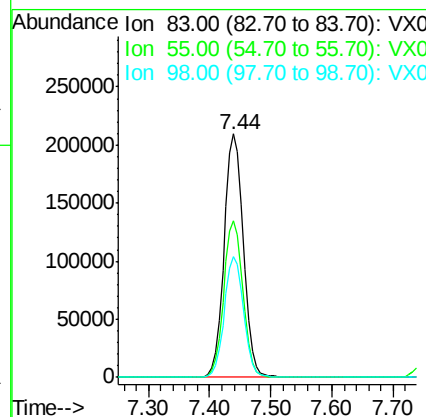
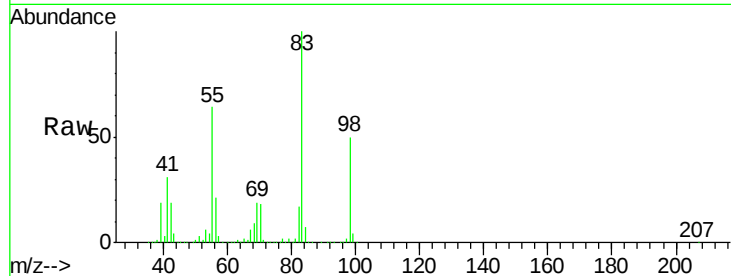
#39
Methvlcvclohexane
Concen: 156.854 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
55	64.5	51.7	77.5
98	49.7	41.9	62.9

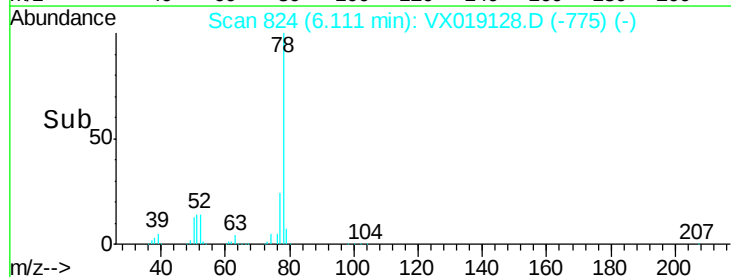
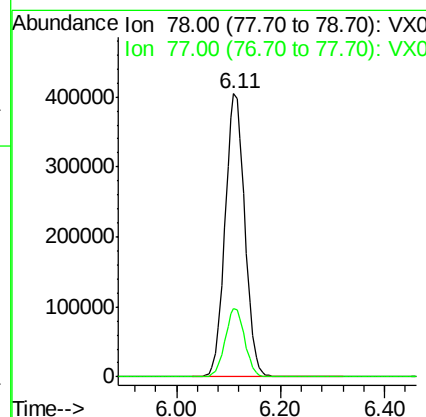
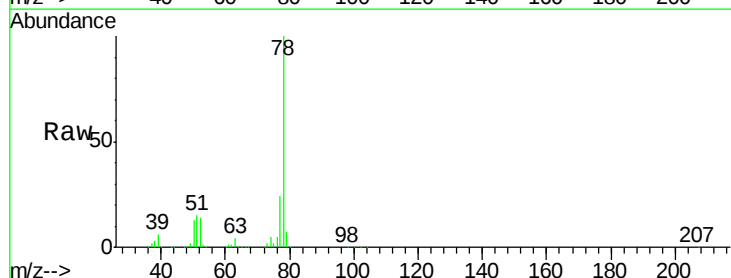
Manual Integrations
APPROVED

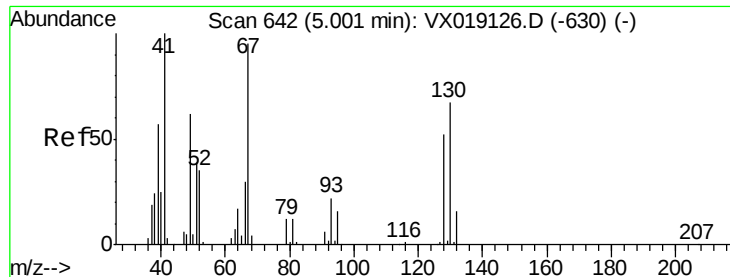
MMDadoda
10/27/2020 6:55:35 PM



#40
Benzene
Concen: 153.905 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.5	29.3





#41

Methacrylonitrile

Concen: 152.949 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 41 Resp: 161436

Ion Ratio Lower Upper

41 100

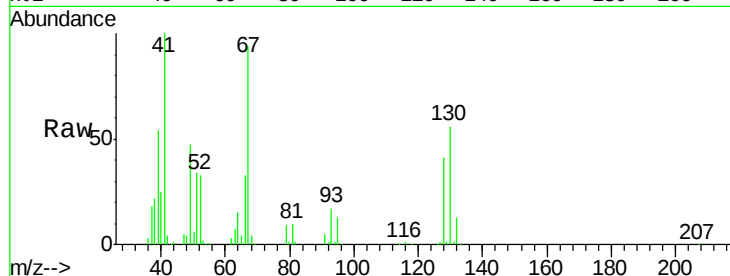
39 54.7 44.7 67.1

67 95.8 75.3 112.9

52 35.1 27.8 41.8

Manual Integrations
APPROVED

MMDadoda
10/27/2020 6:55:35 PM

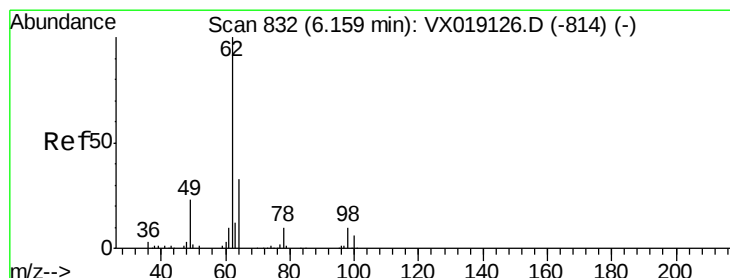
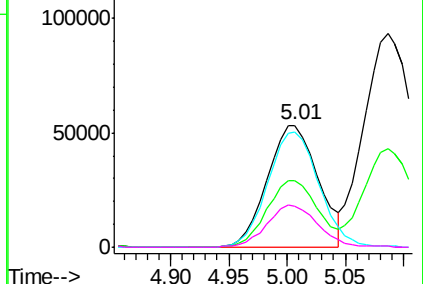
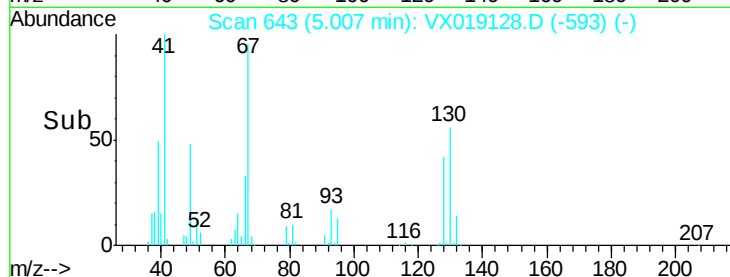


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 153.358 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX019128.D

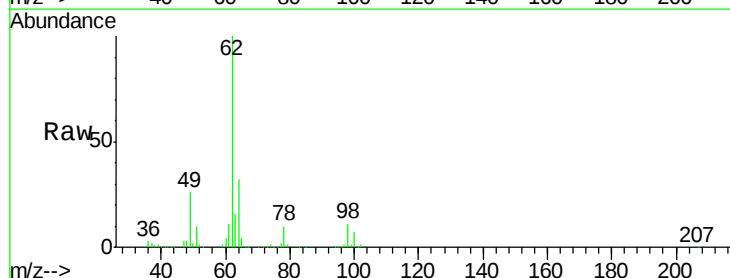
Acq: 26 Oct 2020 19:16

Tgt Ion: 62 Resp: 362283

Ion Ratio Lower Upper

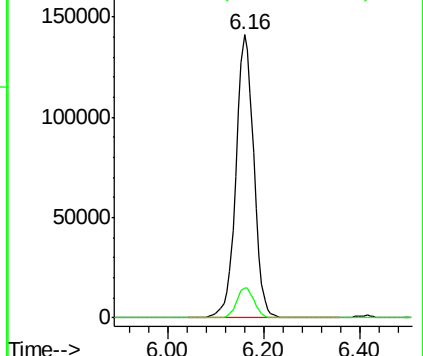
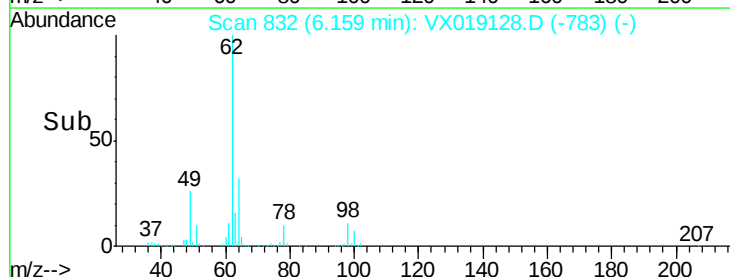
62 100

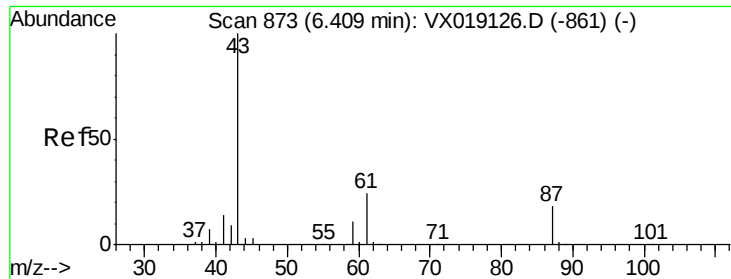
98 10.6 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

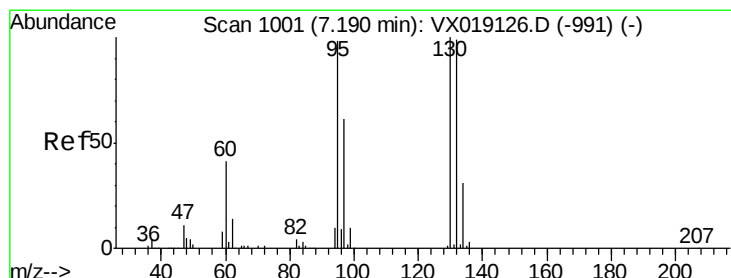
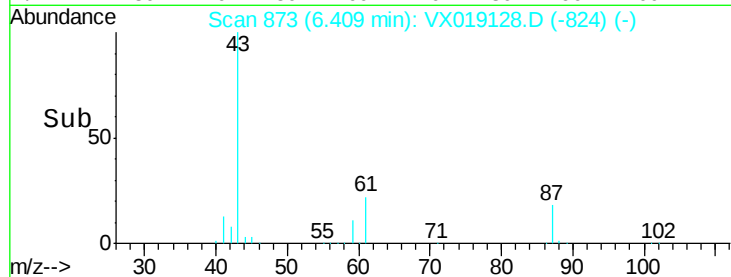
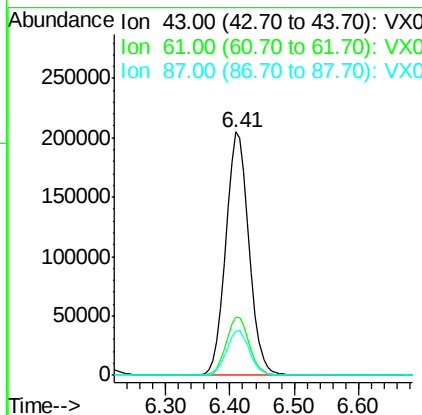
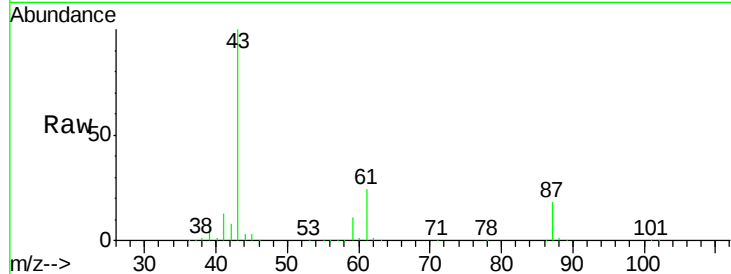
Isopropyl Acetate
 Concen: 154.232 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: VX019128.D
 Acq: 26 Oct 2020 19:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	24.0	19.0	28.4
87	18.3	14.3	21.5

Manual Integrations
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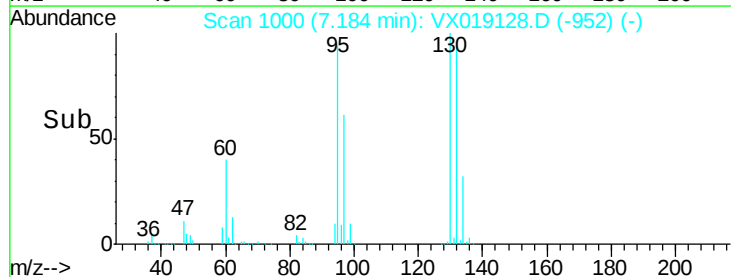
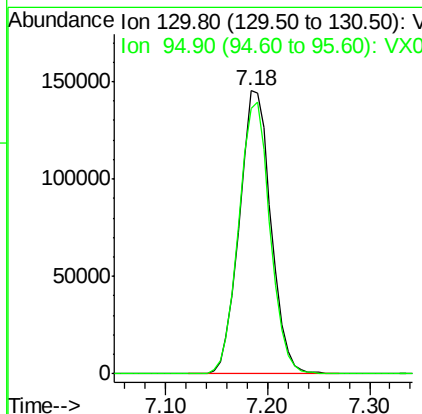
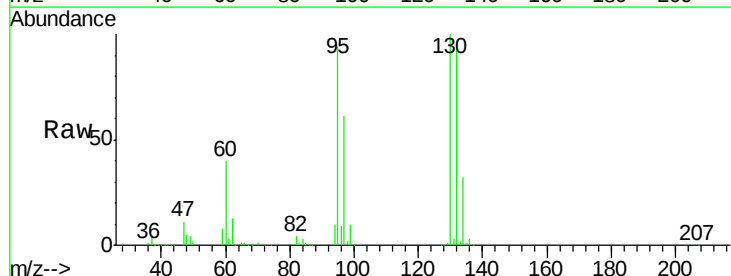
MMDadoda
 10/27/2020 6:55:35 PM

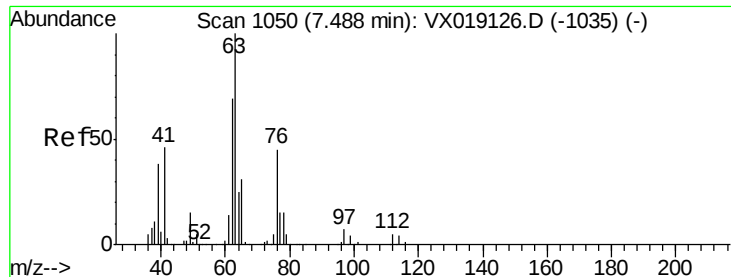


#44

Trichloroethene
 Concen: 154.897 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX019128.D
 Acq: 26 Oct 2020 19:16

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.0	0.0	195.6





#45

1,2-Dichloropropane

Concen: 155.361 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 63 Resp: 254302

Ion Ratio Lower Upper

63 100

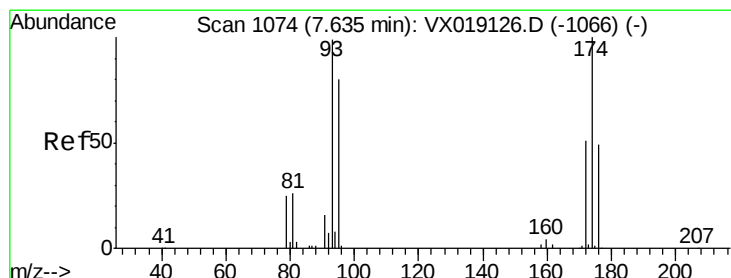
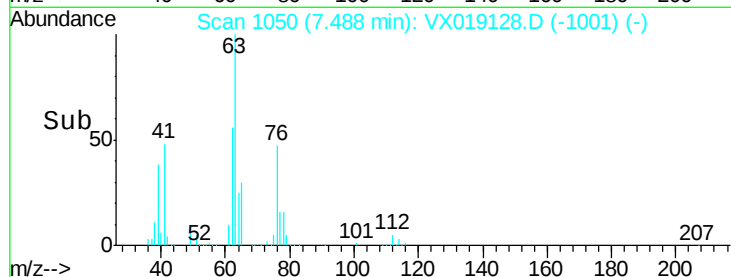
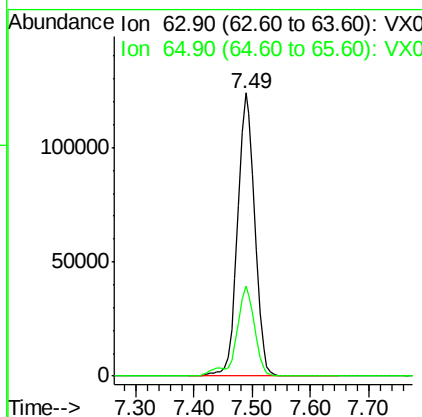
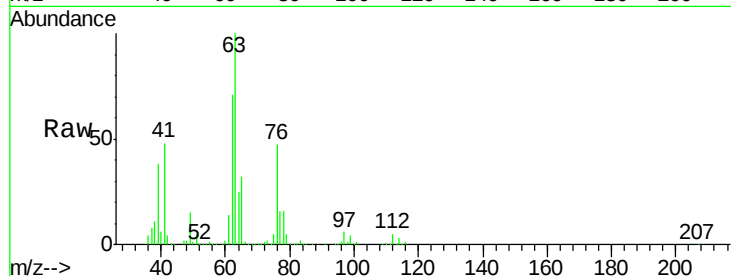
65 31.8 25.0 37.4

Manual Integrations

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#46

Dibromomethane

Concen: 156.858 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

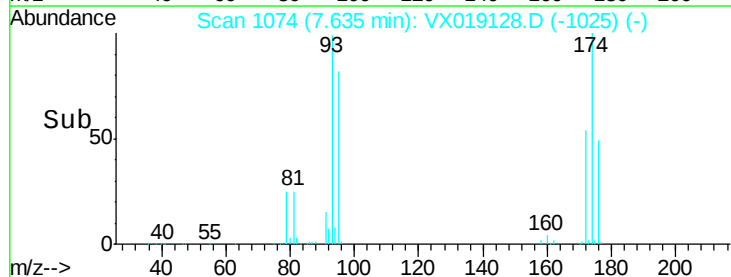
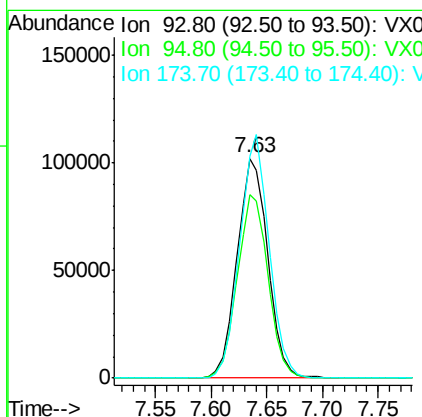
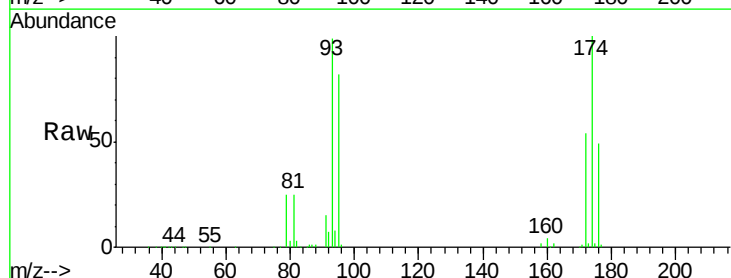
Tgt Ion: 93 Resp: 194729

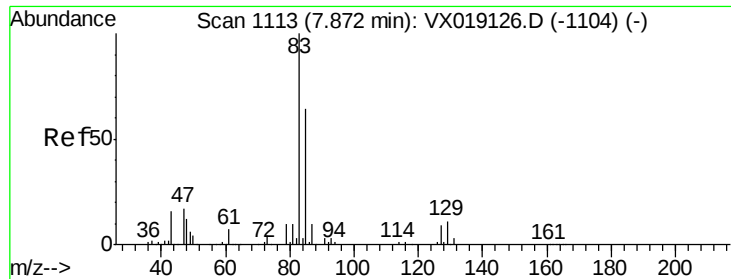
Ion Ratio Lower Upper

93 100

95 83.9 66.6 100.0

174 106.8 84.5 126.7





#47

Bromodichloromethane

Concen: 162.402 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Instrument :

MSVOA_X

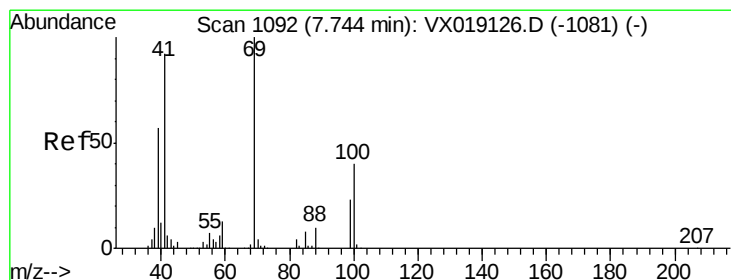
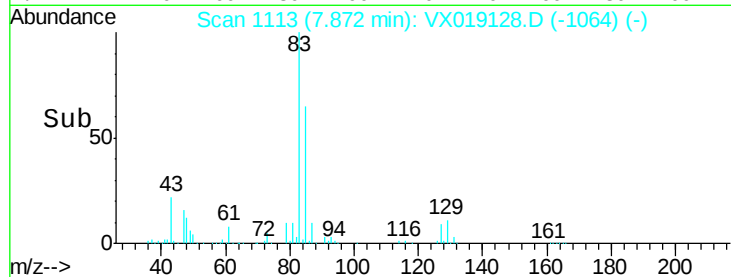
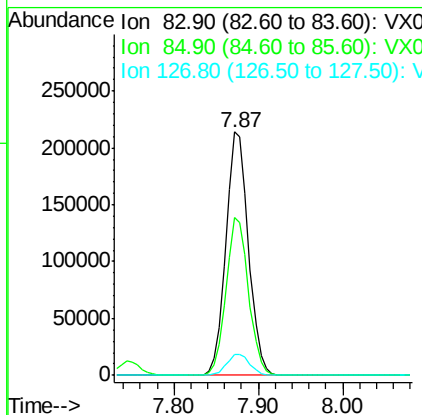
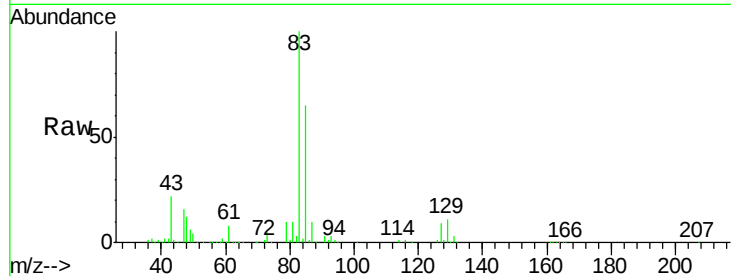
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	391817
Ion Ratio	Lower	Upper	
83	100		
85	64.7	51.2	76.8
127	8.8	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 157.606 ug/l

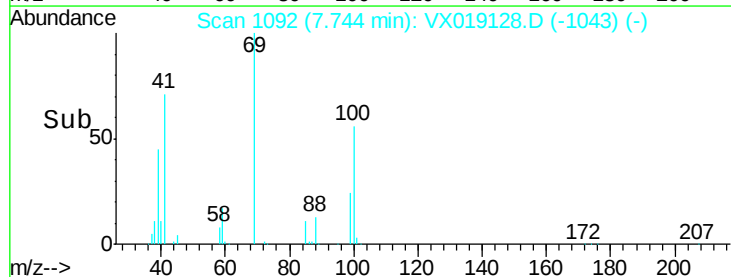
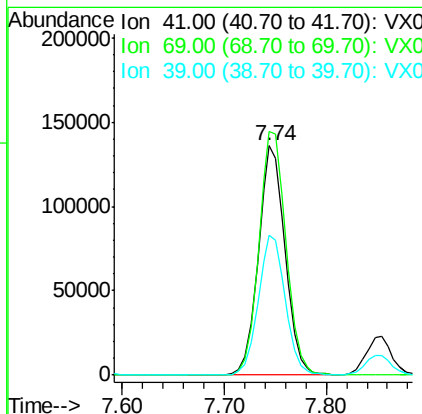
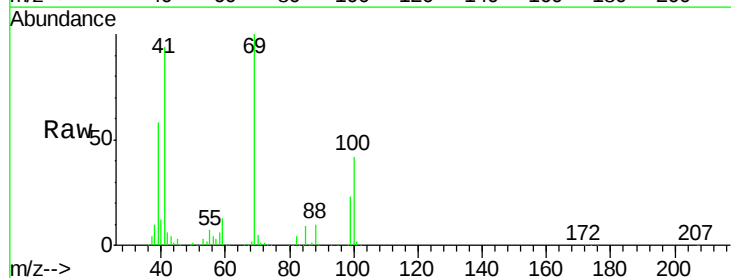
RT: 7.74 min Scan# 1092

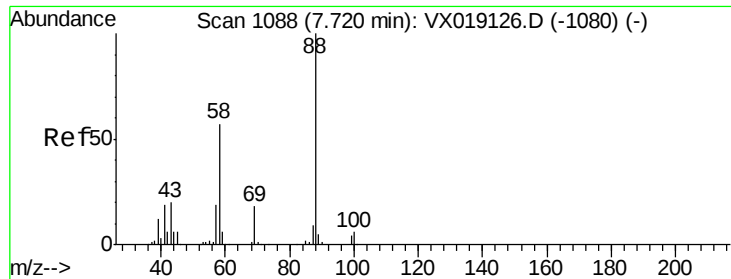
Delta R.T. -0.00 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Tgt Ion:	41	Resp:	247994
Ion Ratio	Lower	Upper	
41	100		
69	107.9	86.3	129.5
39	61.9	49.7	74.5





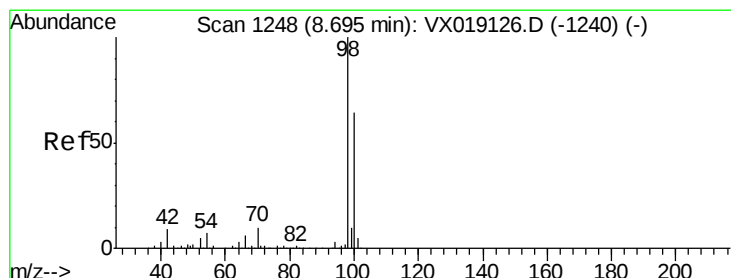
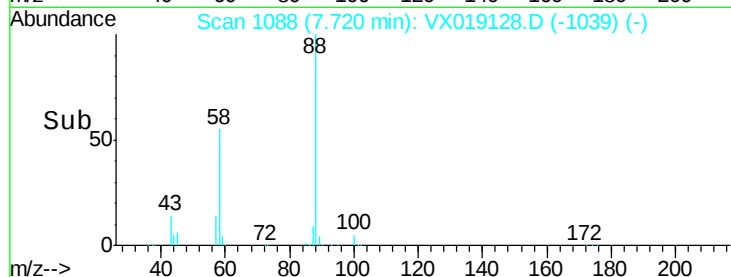
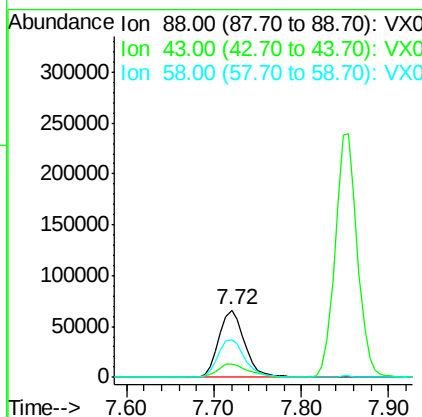
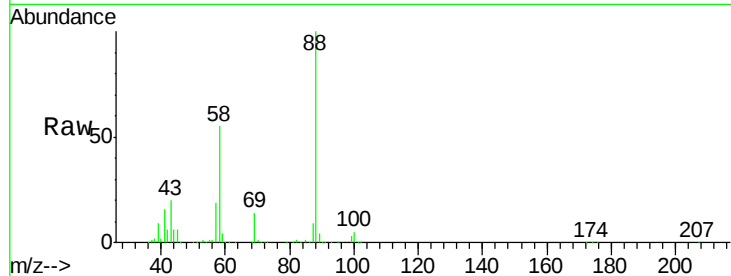
#49
1,4-Dioxane
Concen: 3205.633 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
88	100		
43	24.3	19.7	29.5
58	58.6	47.8	71.6

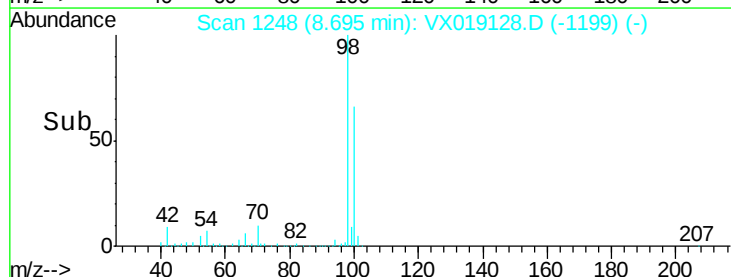
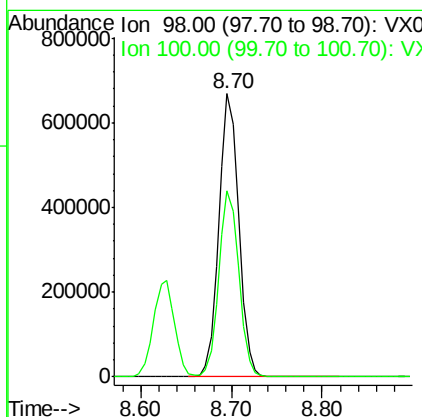
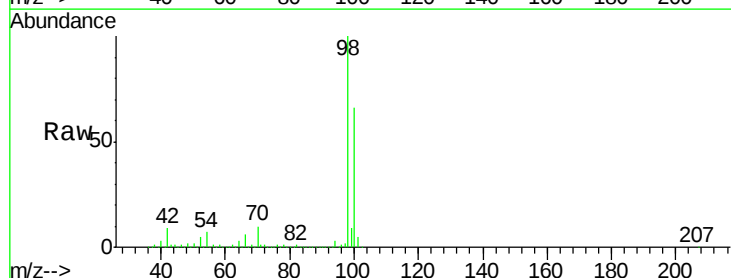
Manual Integrations
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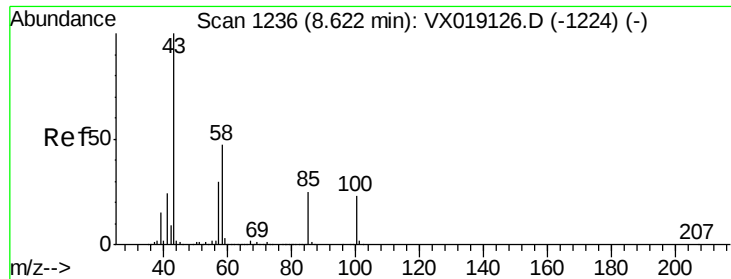
MMDadoda
10/27/2020 6:55:35 PM



#50
Toluene-d8
Concen: 157.248 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 798.099 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 1568753

Ion Ratio Lower Upper

43 100

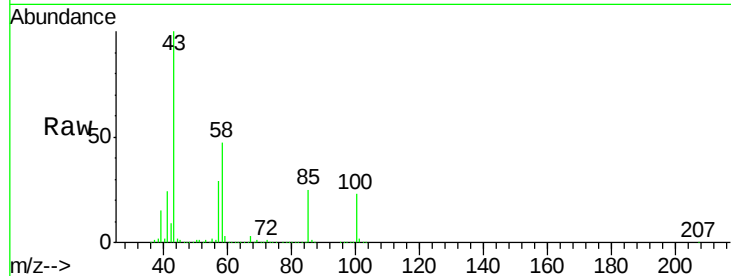
58 47.6 37.3 55.9

Manual Integrations

APPROVED

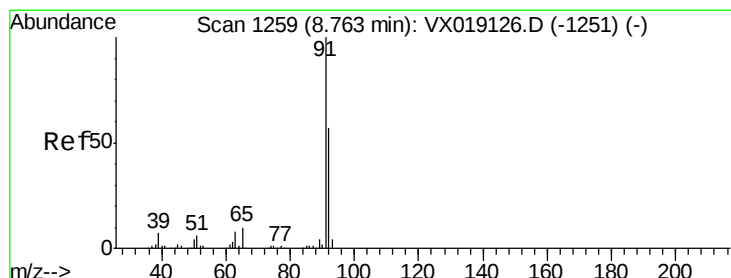
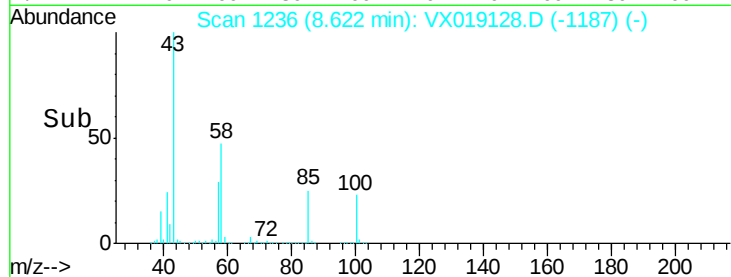
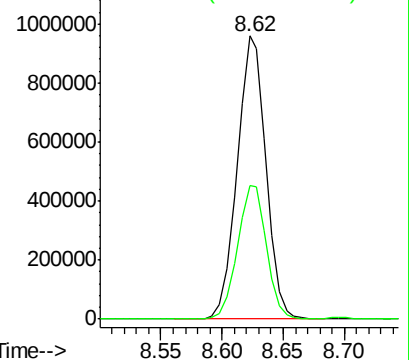
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 159.179 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX019128.D

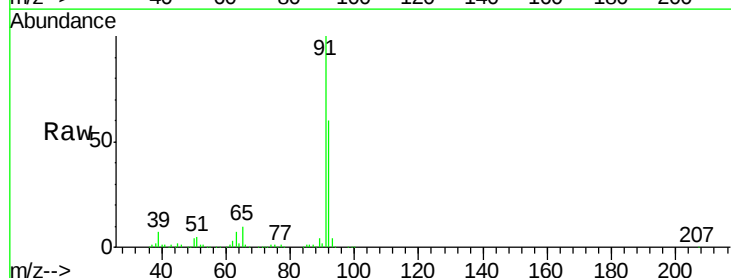
Acq: 26 Oct 2020 19:16

Tgt Ion: 92 Resp: 724031

Ion Ratio Lower Upper

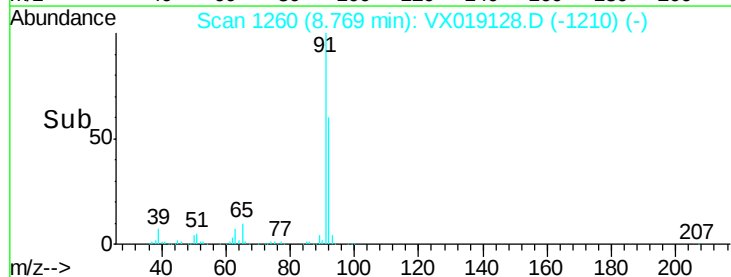
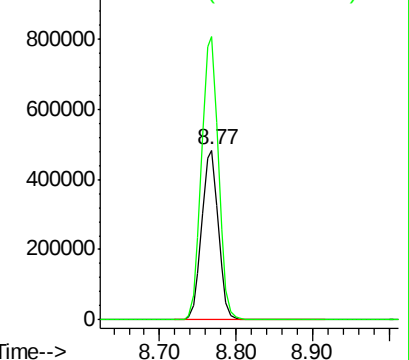
92 100

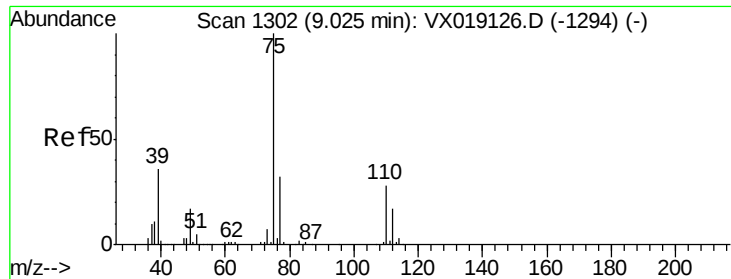
91 170.6 138.4 207.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





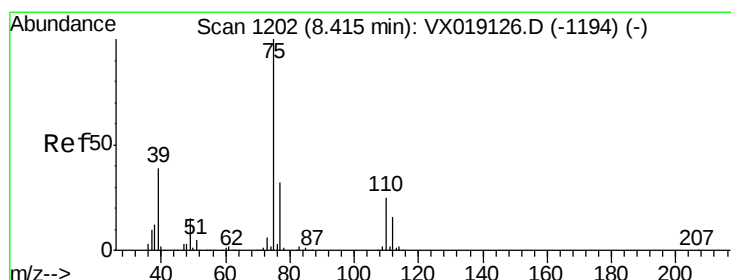
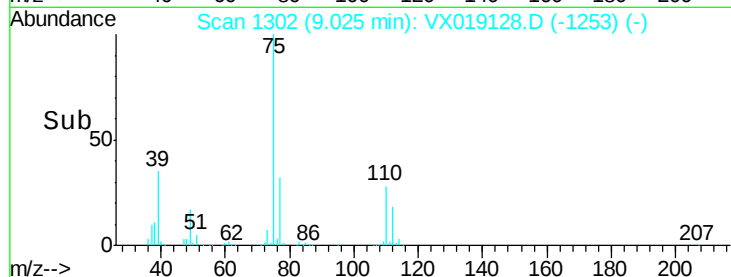
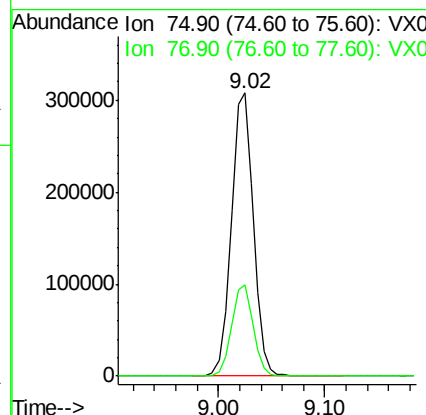
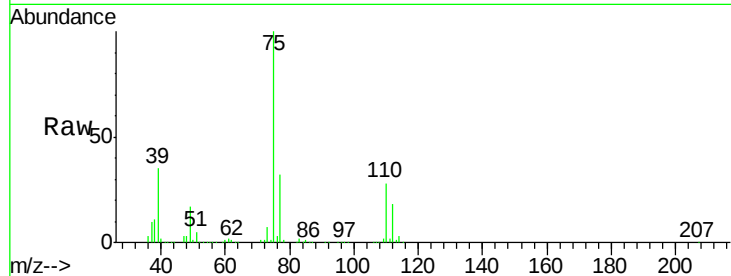
#53
 t-1,3-Dichloropropene
 Concen: 166.936 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX019128.D
 Acq: 26 Oct 2020 19:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion: 75 Resp: 444910
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.4 38.2

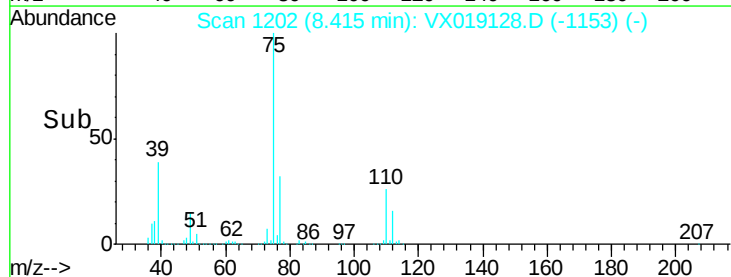
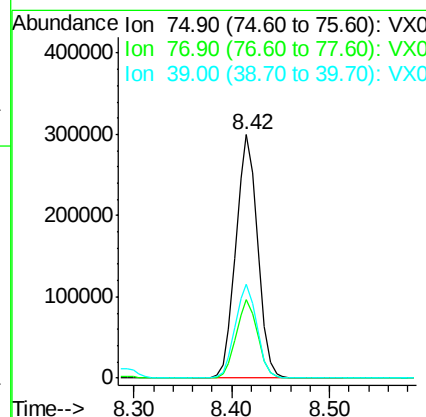
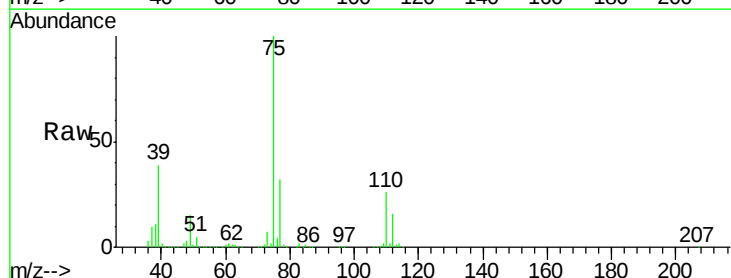
Manual Integrations
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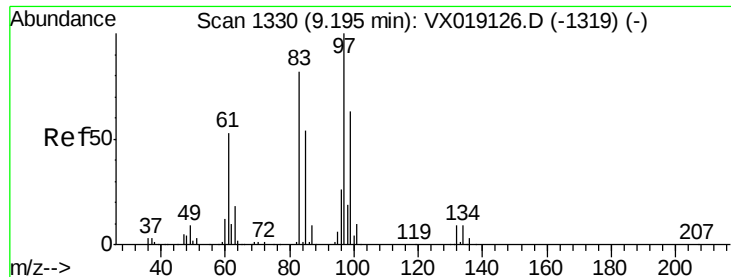
MMDadoda
 10/27/2020 6:55:35 PM



#54
 cis-1,3-Dichloropropene
 Concen: 162.863 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX019128.D
 Acq: 26 Oct 2020 19:16

Tgt Ion: 75 Resp: 463230
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.4 38.2
 39 38.6 31.0 46.6





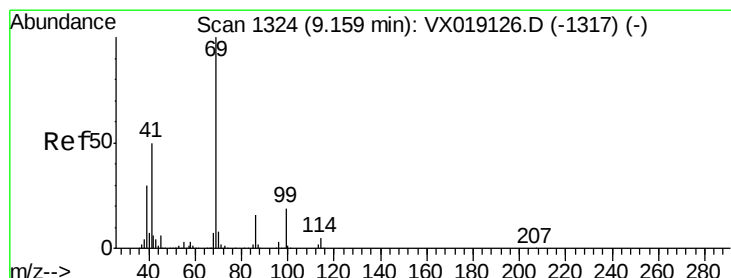
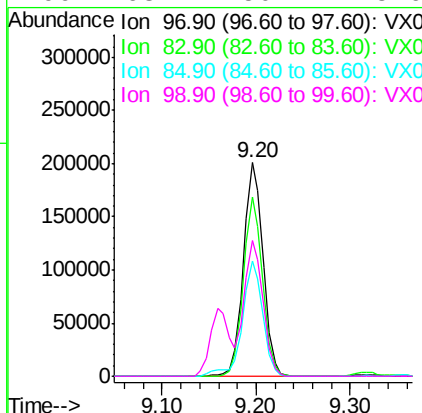
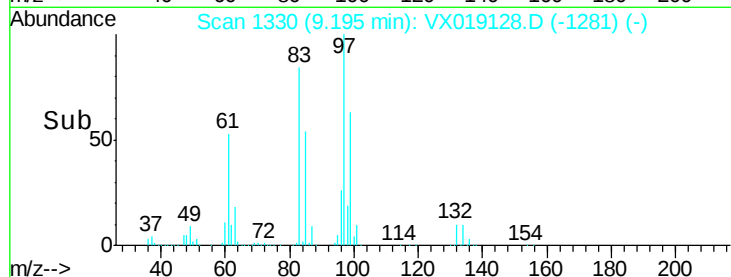
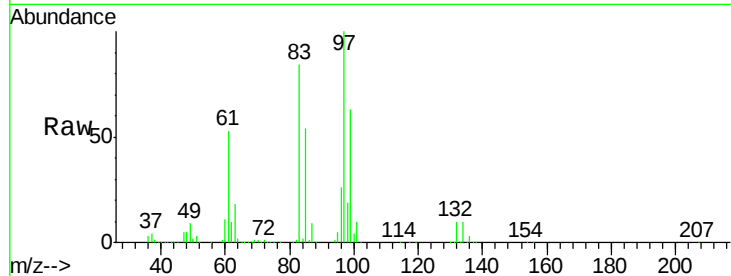
#55
 1,1,2-Trichloroethane
 Concen: 159.966 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019128.D
 Acq: 26 Oct 2020 19:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		289593		
83	83.6	65.6	98.4		
85	53.8	43.4	65.2		
99	63.2	50.4	75.6		

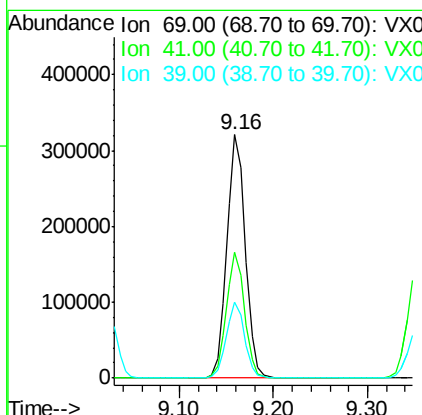
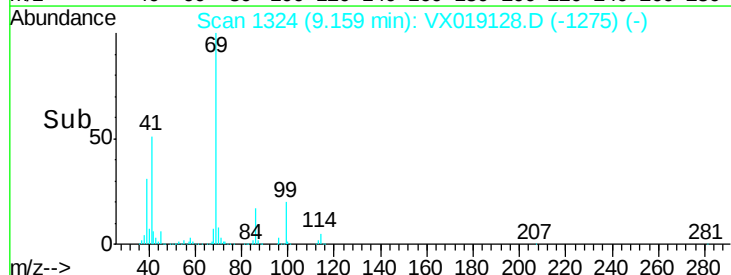
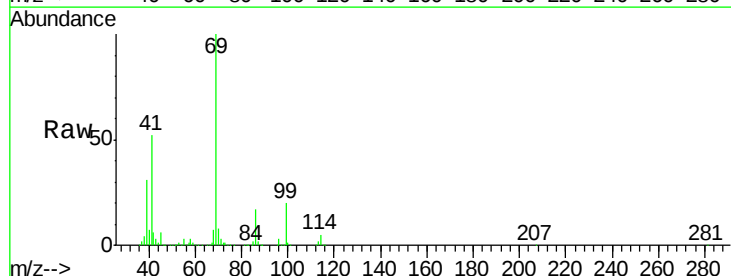
Manual Integrations
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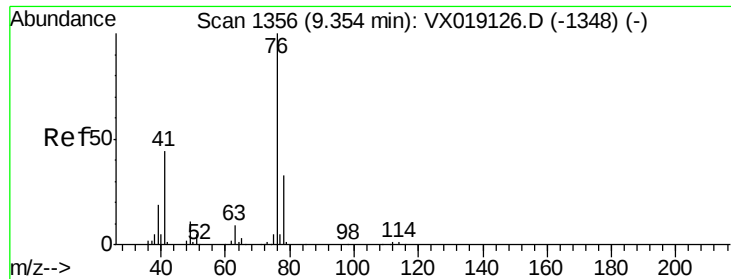
MMDadoda
 10/27/2020 6:55:35 PM



#56
 Ethyl methacrylate
 Concen: 167.849 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019128.D
 Acq: 26 Oct 2020 19:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		433923		
41	51.0	40.3	60.5		
39	31.0	24.6	37.0		





#57

1,3-Dichloropropane

Concen: 155.759 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 459258

Ion Ratio Lower Upper

76 100

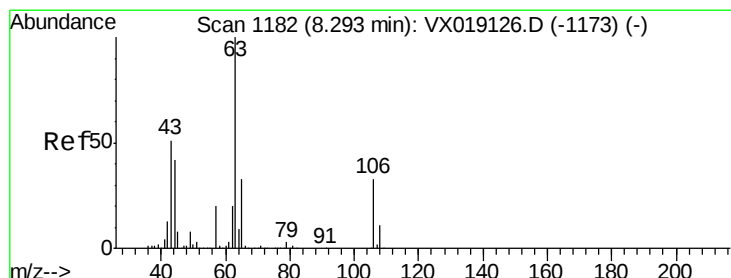
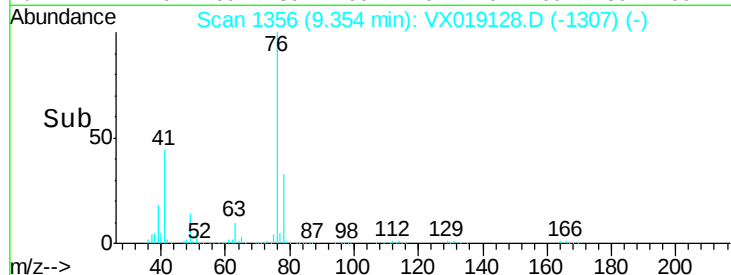
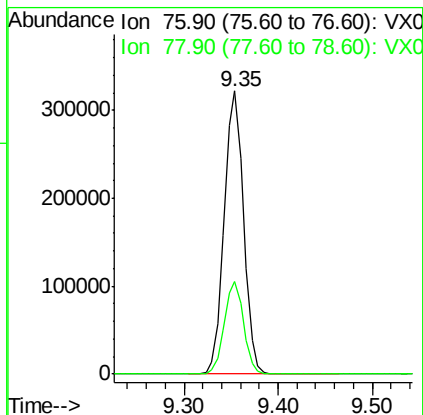
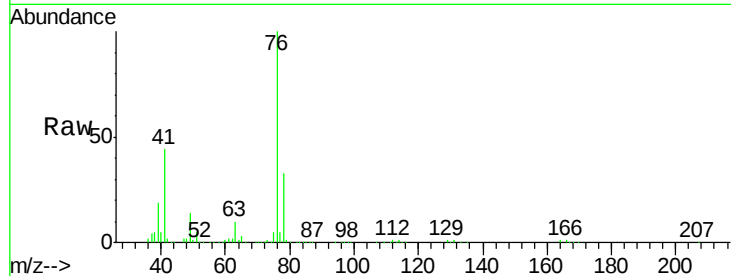
78 32.7 26.2 39.2

Manual Integrations

APPROVED

MMDadoda

10/27/2020 6:55:35 PM



#58

2-Chloroethyl Vinyl ether

Concen: 777.262 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX019128.D

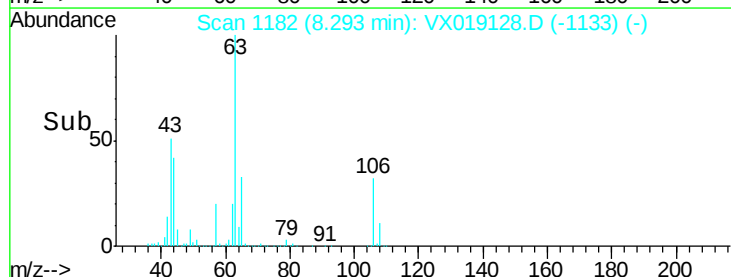
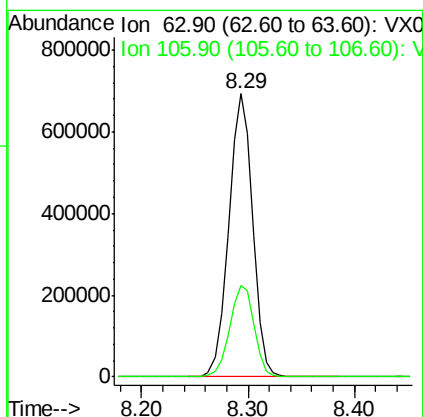
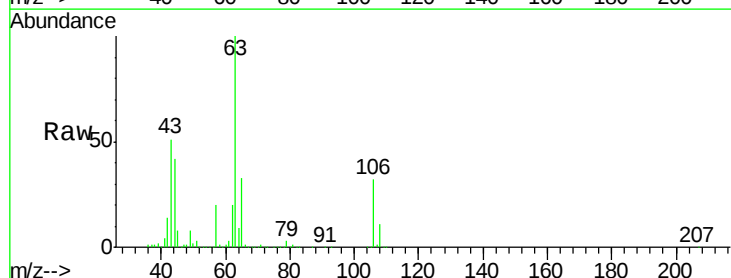
Acq: 26 Oct 2020 19:16

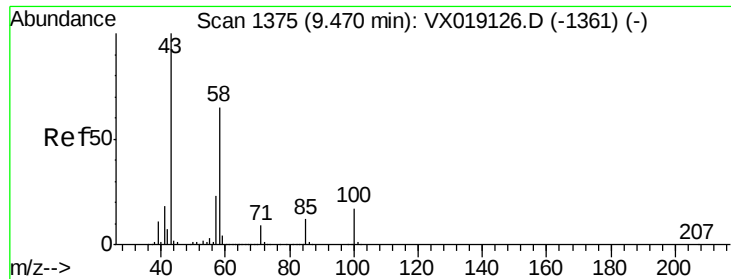
Tgt Ion: 63 Resp: 1086086

Ion Ratio Lower Upper

63 100

106 33.1 26.2 39.4





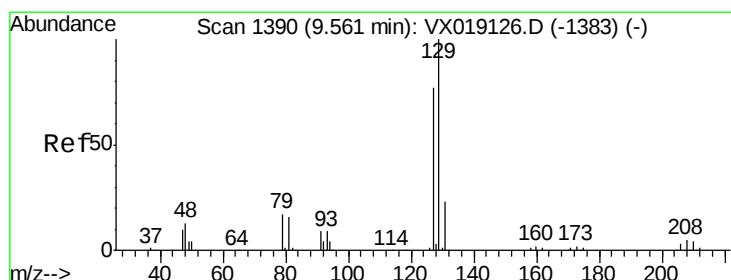
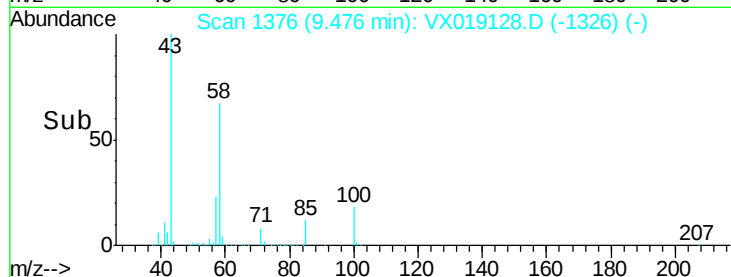
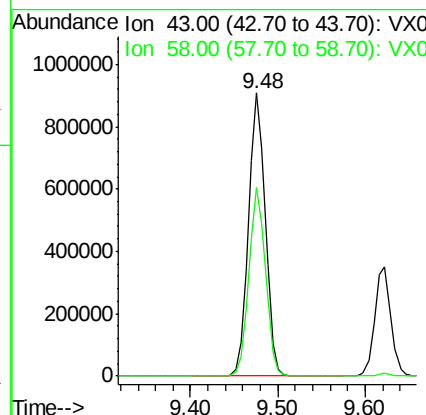
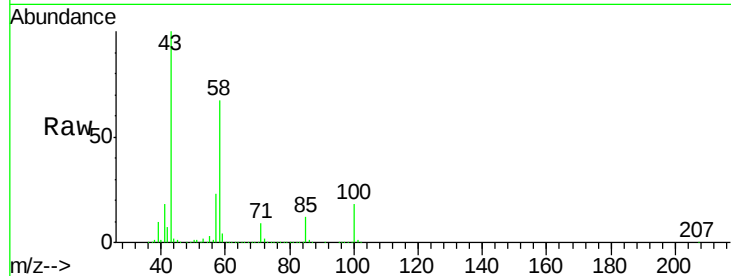
#59
2-Hexanone
Concen: 810.219 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 1209196
Ion Ratio Lower Upper
43 100
58 65.9 33.1 99.3

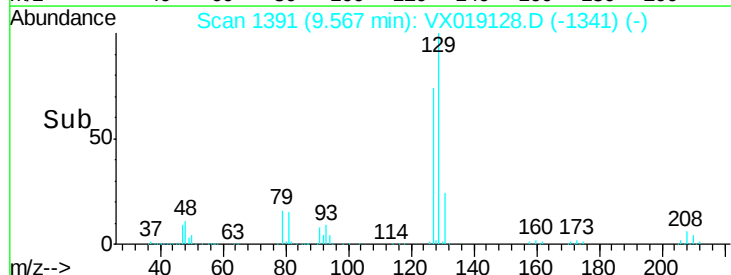
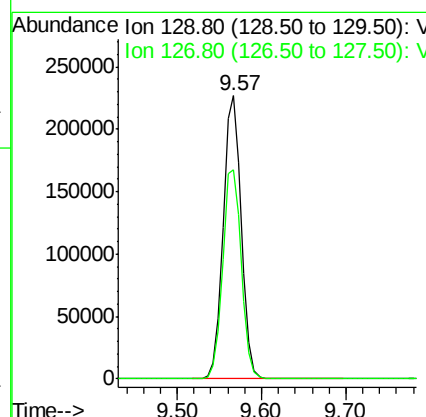
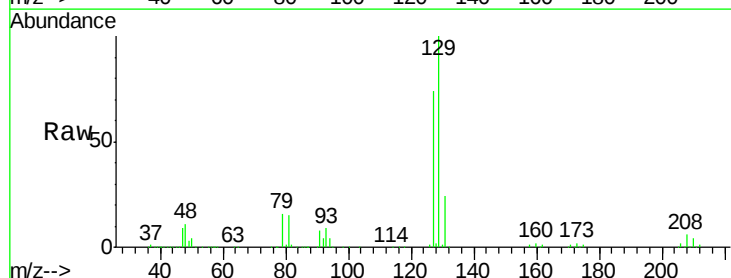
Manual Integrations
APPROVED

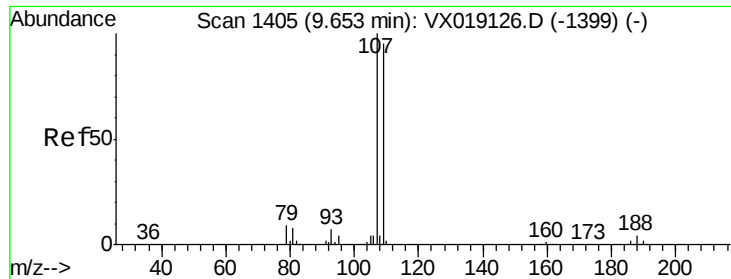
MMDadoda
10/27/2020 6:55:35 PM



#60
Dibromochloromethane
Concen: 150.723 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.01 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Tgt Ion: 129 Resp: 336032
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 162.492 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 107 Resp: 312884

Ion Ratio Lower Upper

107 100

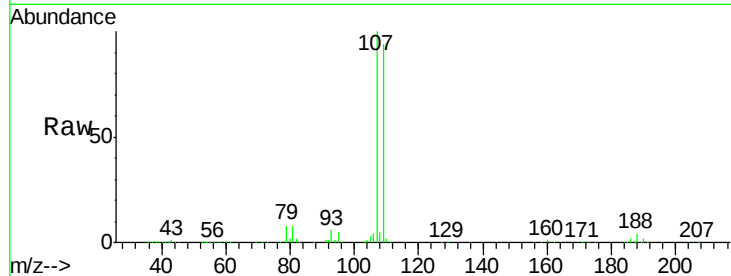
109 94.4 75.7 113.5

Manual Integrations

APPROVED

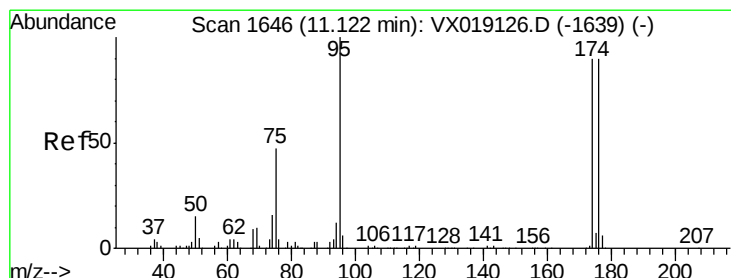
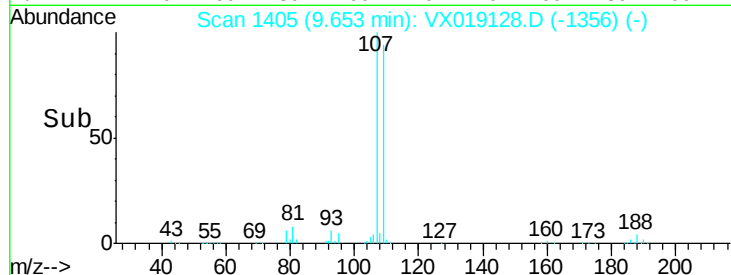
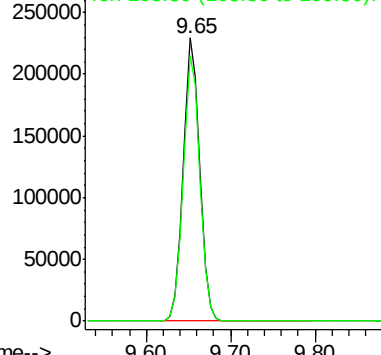
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 167.919 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

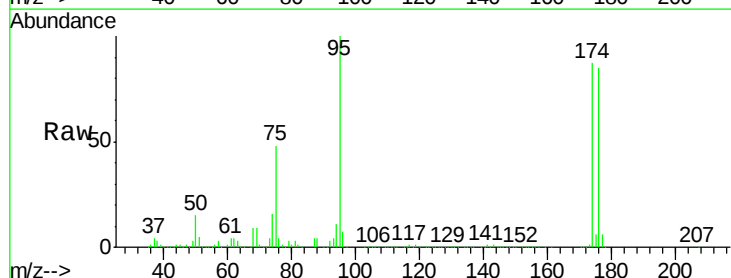
Tgt Ion: 95 Resp: 386684

Ion Ratio Lower Upper

95 100

174 88.3 0.0 169.6

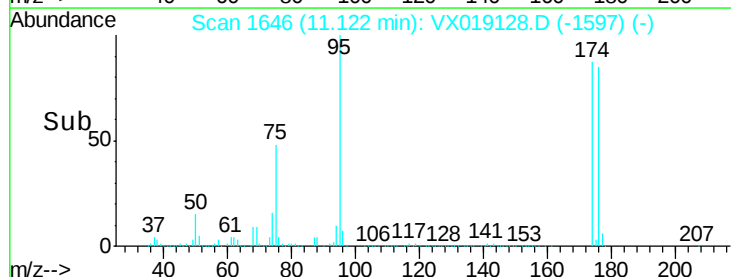
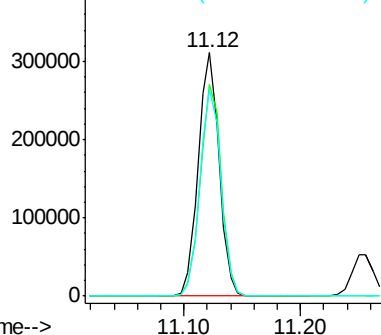
176 85.9 0.0 169.2

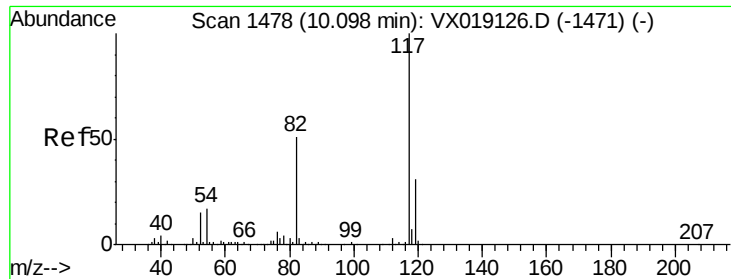


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





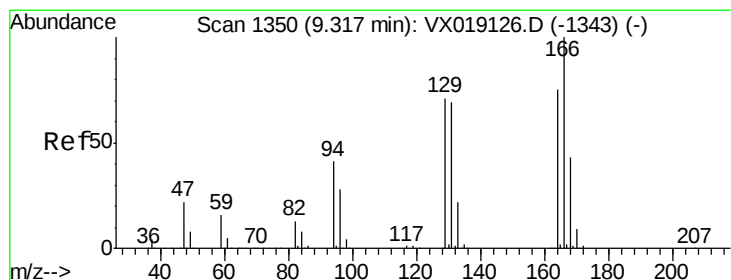
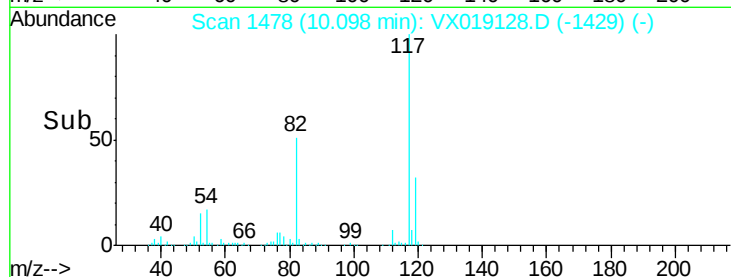
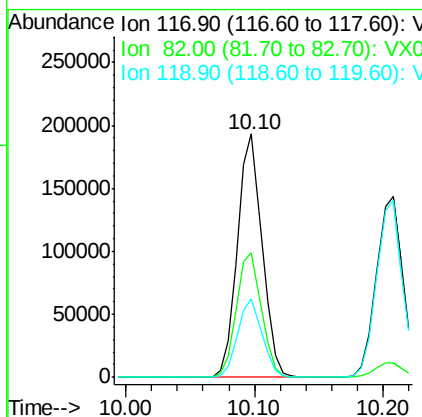
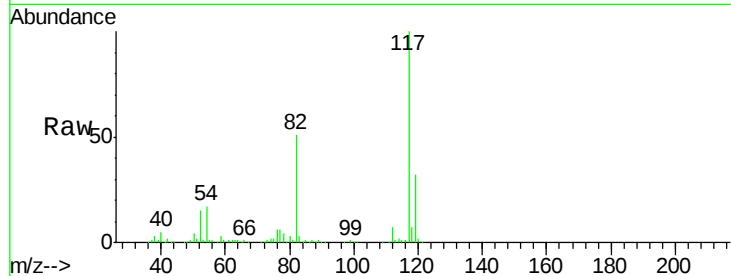
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
117	100	256593		
82	51.1	40.6	60.8	
119	32.5	24.7	37.1	

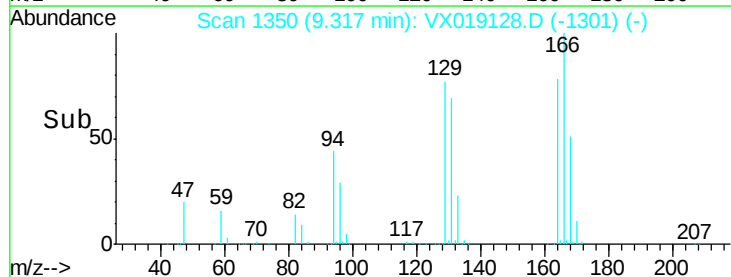
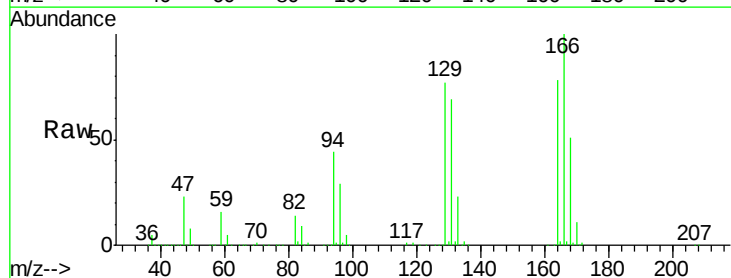
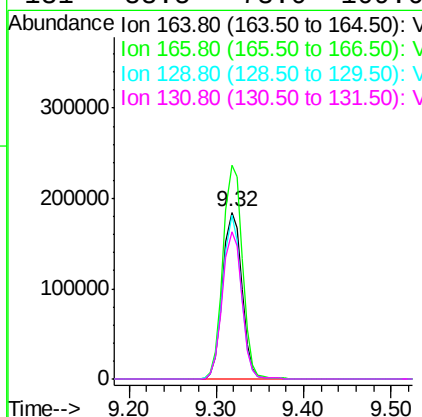
Manual Integrations
APPROVED

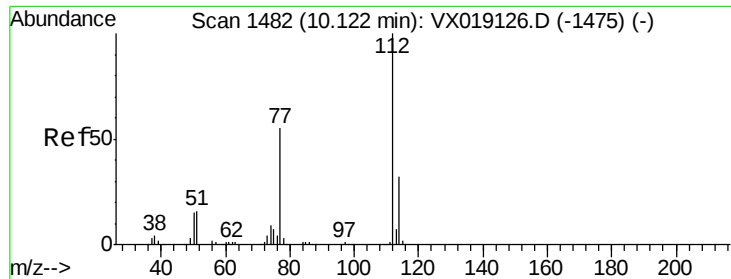
MMDadoda
10/27/2020 6:55:35 PM



#64
Tetrachloroethene
Concen: 142.854 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	281369		
166	128.1	106.4	159.6	
129	98.2	75.9	113.9	
131	88.5	73.0	109.6	





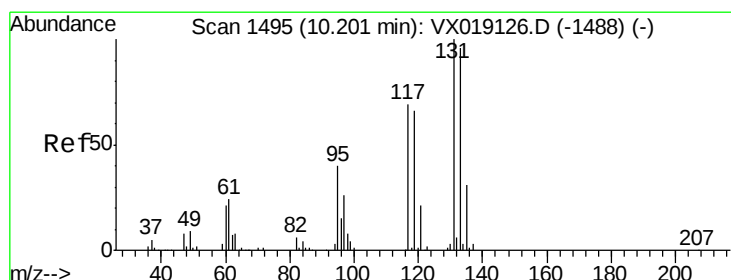
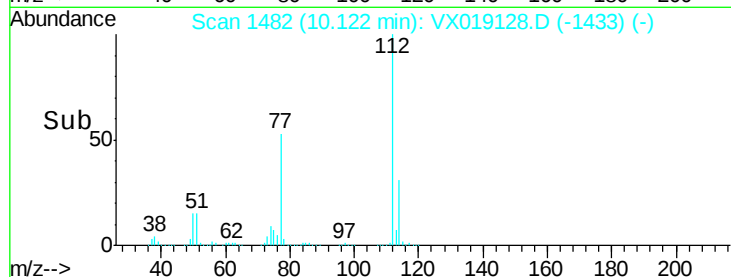
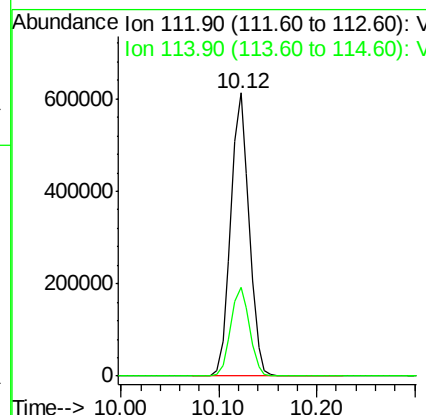
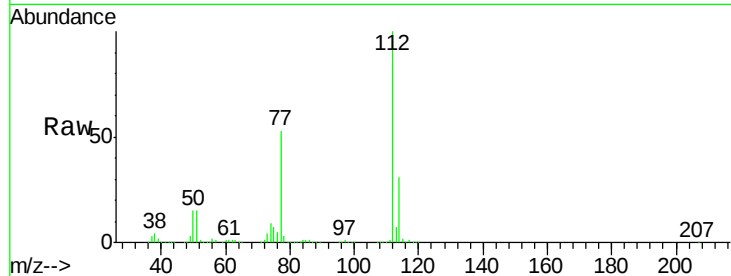
#65
Chlorobenzene
Concen: 156.113 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:112 Resp: 800410
Ion Ratio Lower Upper
112 100
114 31.3 25.7 38.5

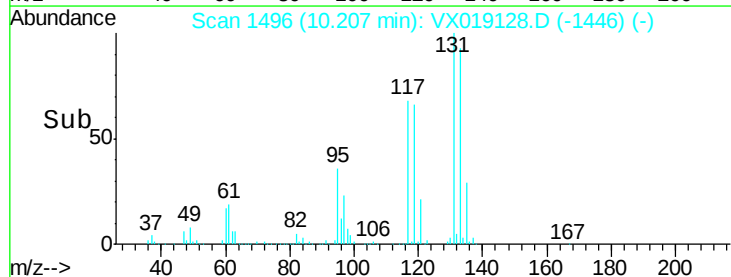
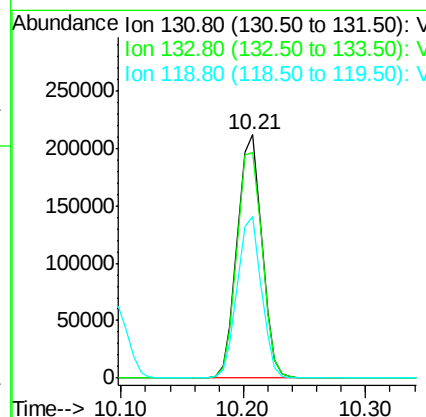
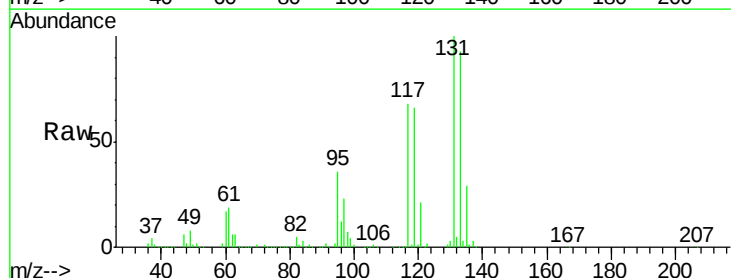
Manual Integrations
APPROVED

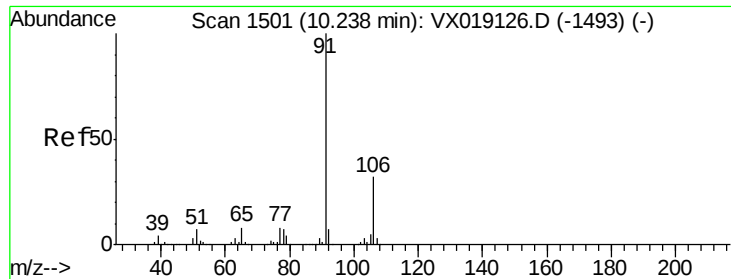
MMDadoda
10/27/2020 6:55:35 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 160.442 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.01 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Tgt Ion:131 Resp: 293843
Ion Ratio Lower Upper
131 100
133 96.2 47.9 143.7
119 65.7 33.4 100.1





#67

Ethyl Benzene

Concen: 153.442 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1373840

Ion Ratio Lower Upper

91 100

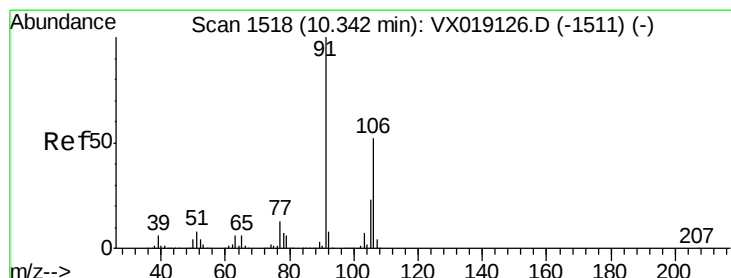
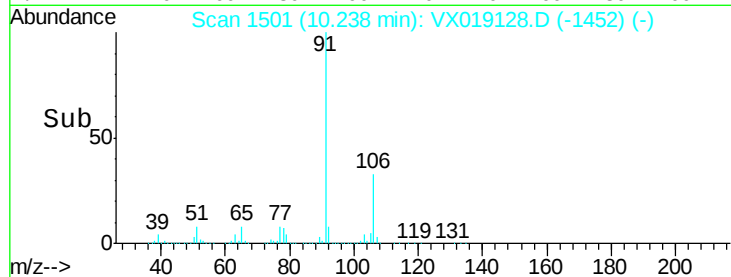
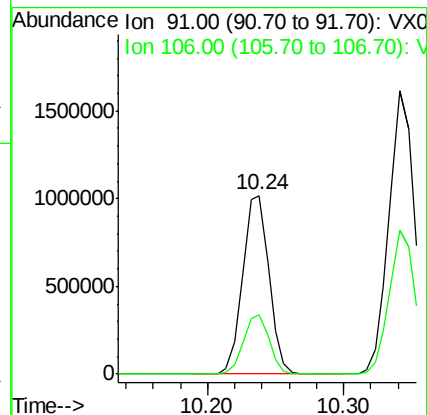
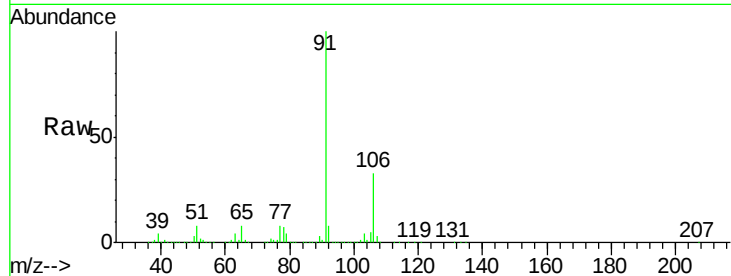
106 33.1 25.4 38.2

Manual Integrations

APPROVED

MMDadoda

10/27/2020 6:55:35 PM



#68

m/p-Xylenes

Concen: 316.036 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019128.D

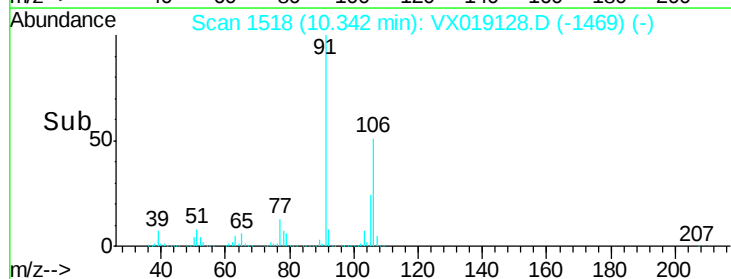
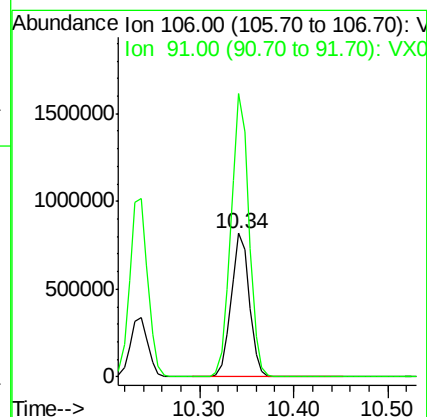
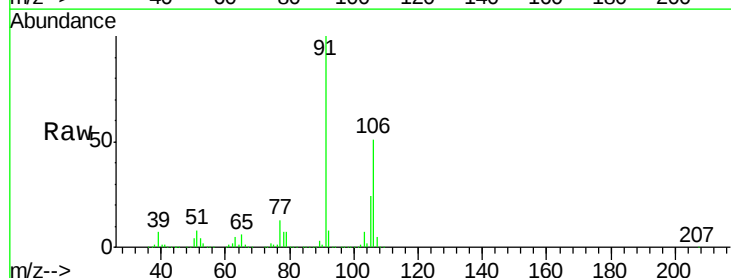
Acq: 26 Oct 2020 19:16

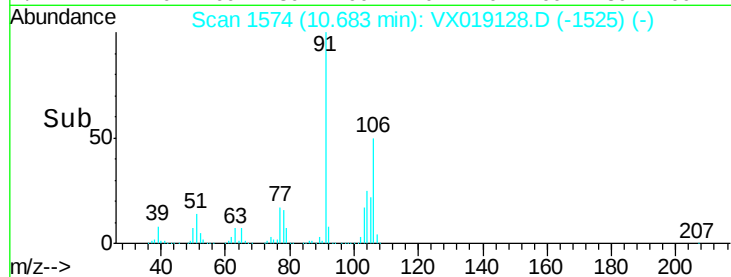
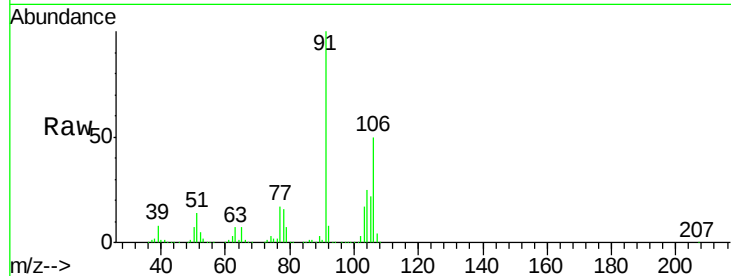
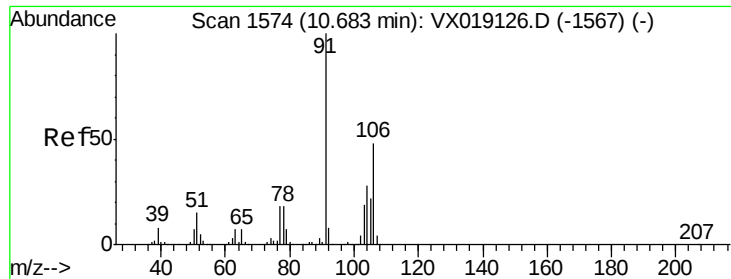
Tgt Ion: 106 Resp: 1092633

Ion Ratio Lower Upper

106 100

91 195.2 157.4 236.0





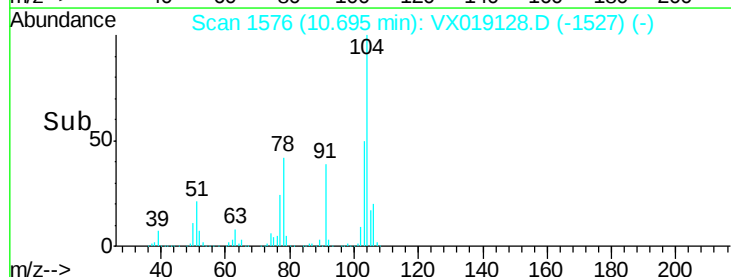
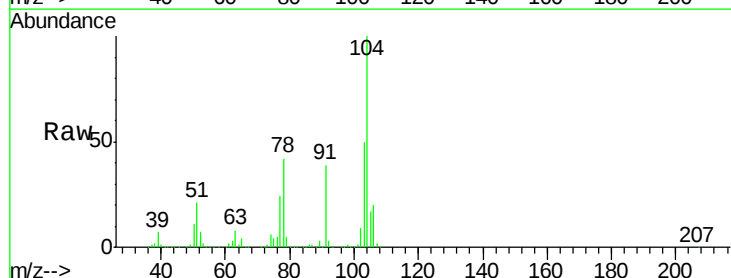
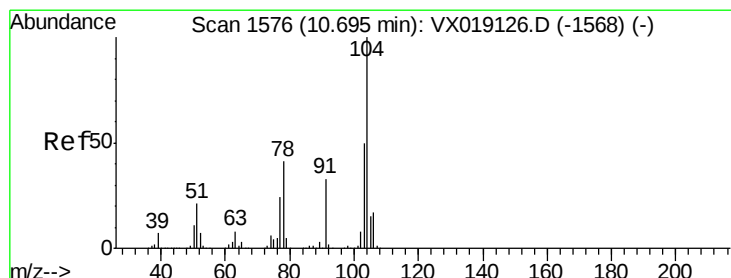
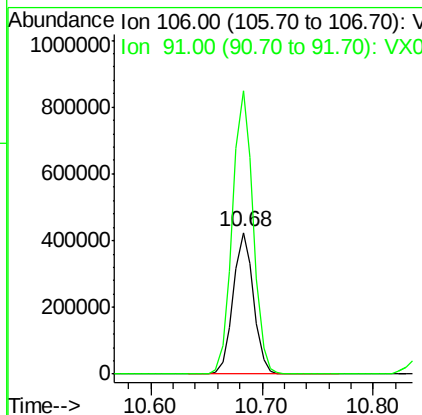
#69
o-Xylene
Concen: 161.725 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Tot Ion	Ratio	Resp	Lower	Upper
106	100	535819		
91	202.7	104.5	313.3	

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

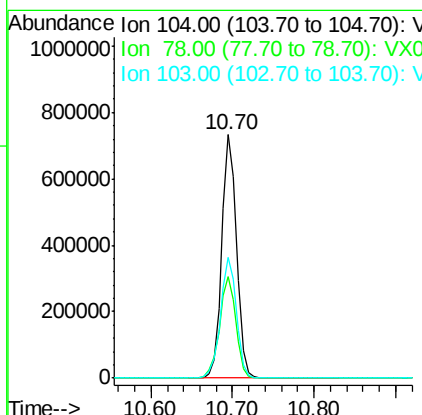
Manual Integrations
APPROVED

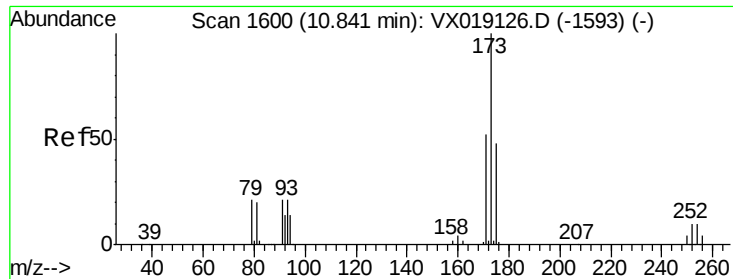
MMDadoda
10/27/2020 6:55:35 PM



#70
Styrene
Concen: 167.824 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	926846		
78	46.3	37.8	56.6	
103	53.9	43.7	65.5	





#71

Bromoform

Concen: 151.019 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Instrument :

MSVOA_X

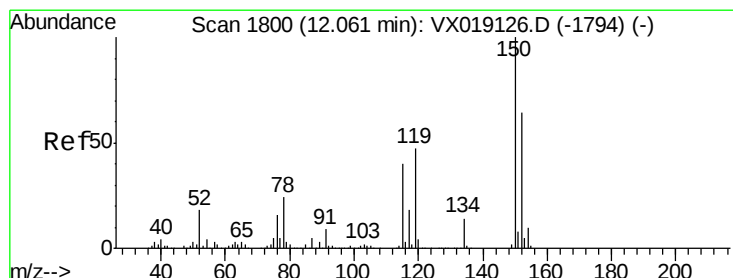
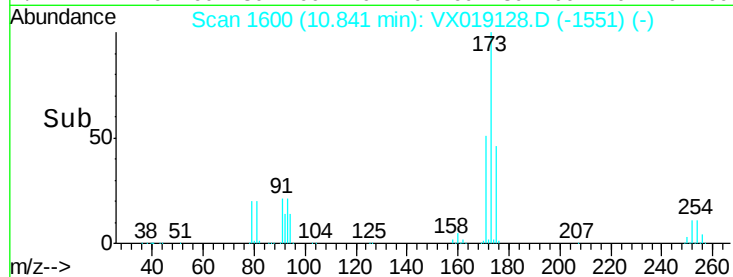
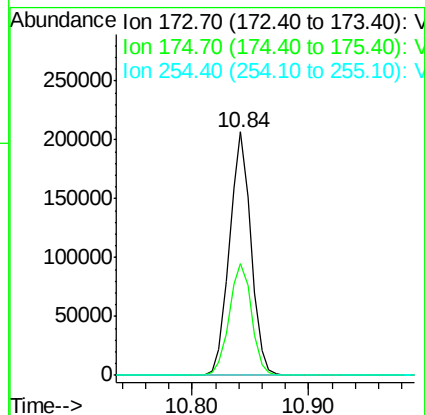
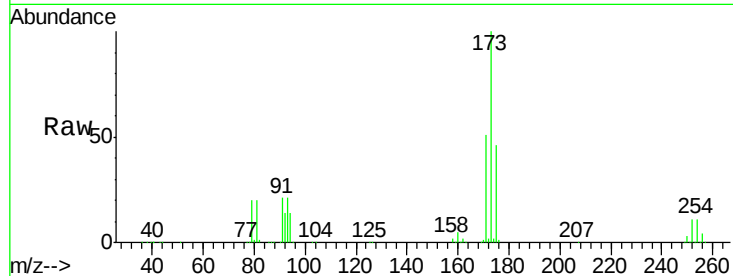
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.6	24.1	72.3
254	0.1	0.1	0.1

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

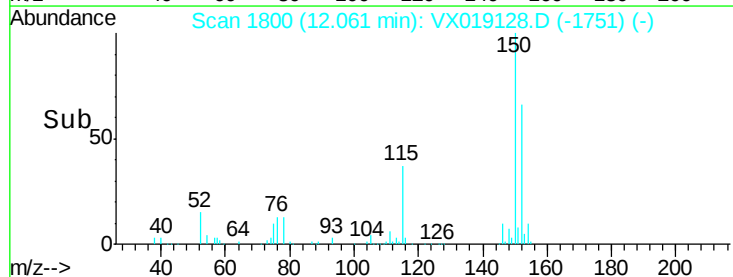
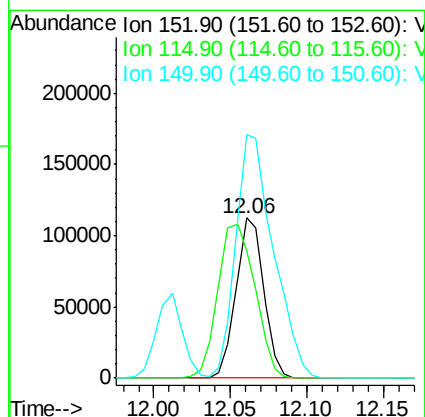
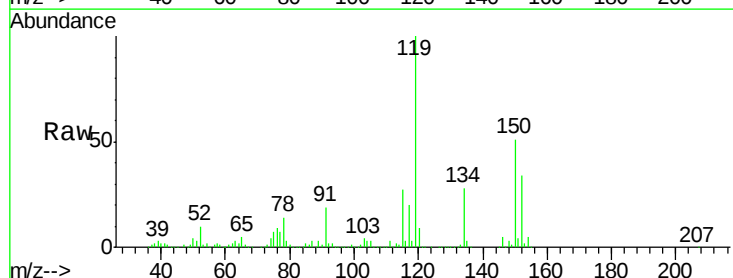
RT: 12.06 min Scan# 1800

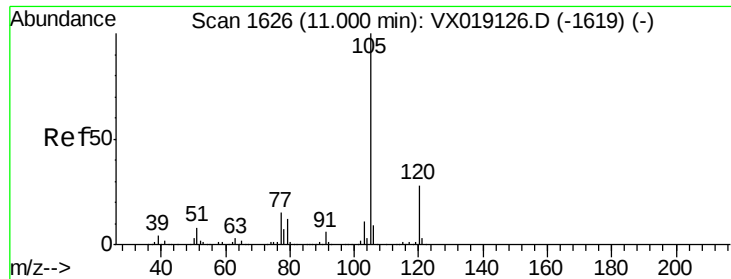
Delta R.T. -0.00 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	129.5	40.8	122.2
150	205.9	0.0	350.4





#73

Isopropylbenzene

Concen: 150.998 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 1429221

Ion Ratio Lower Upper

105 100

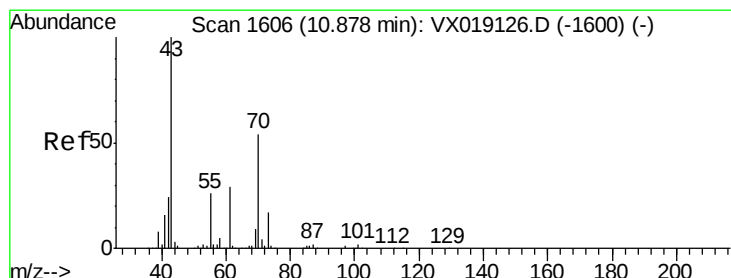
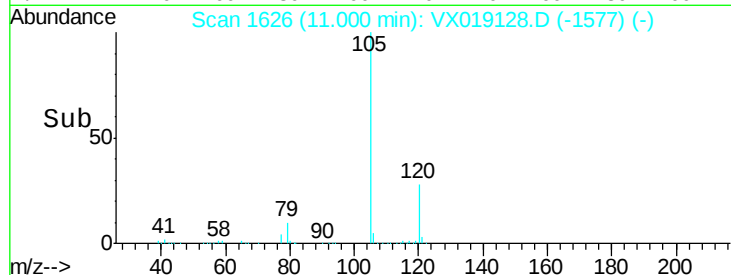
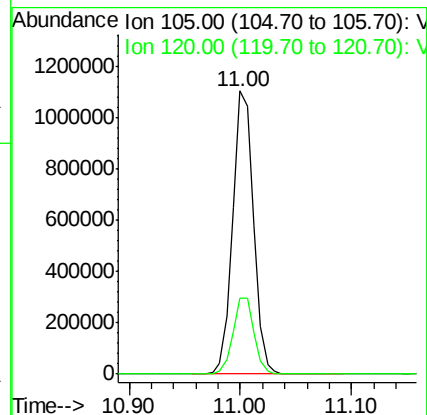
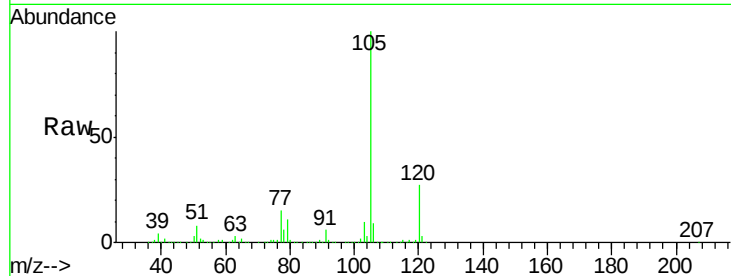
120 27.0 13.6 40.8

Manual Integrations

APPROVED

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10/27/2020 6:55:35 PM



#74

N-ethyl acetate

Concen: 157.649 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Tgt Ion: 43 Resp: 468554

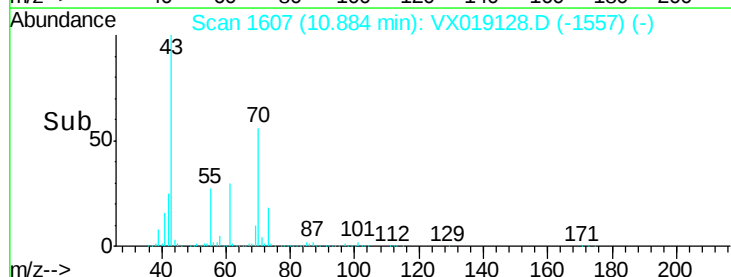
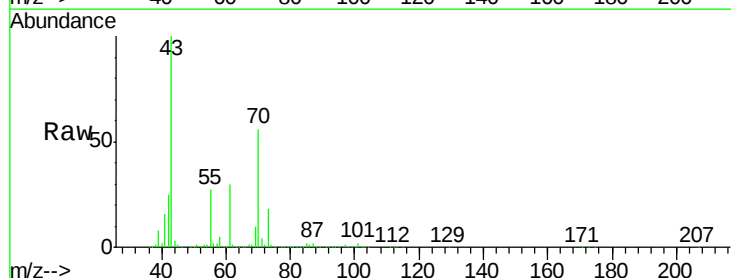
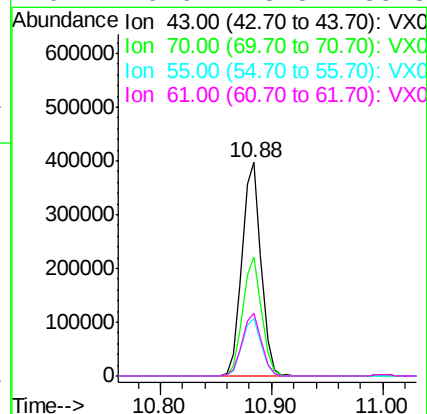
Ion Ratio Lower Upper

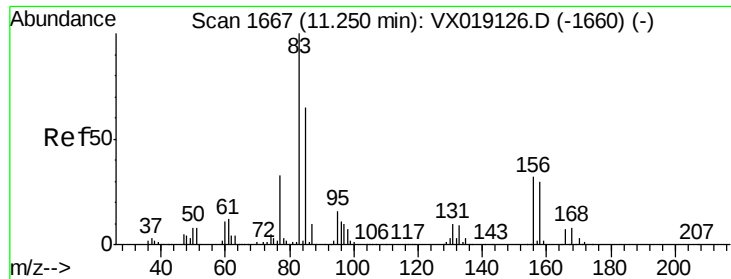
43 100

70 55.2 43.9 65.9

55 27.1 21.5 32.3

61 29.6 23.5 35.3





#75

1,1,2,2-Tetrachloroethane

Concen: 149.874 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 83 Resp: 443506

Ion Ratio Lower Upper

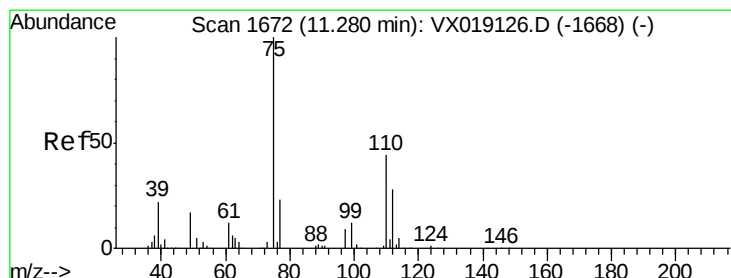
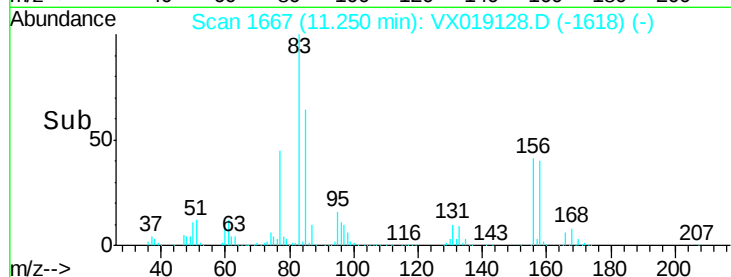
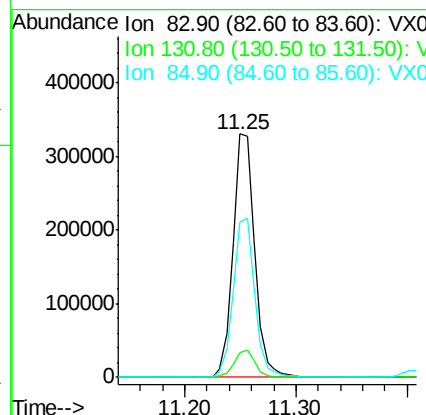
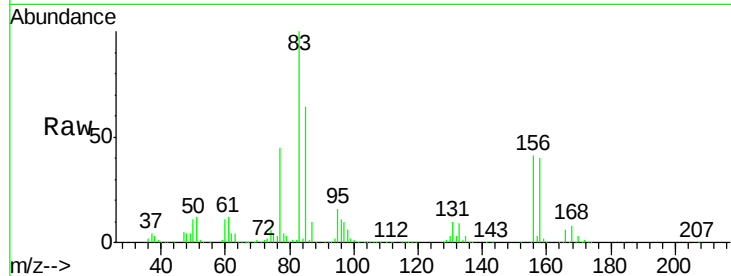
83 100

131 10.9 5.1 15.4

85 65.1 32.3 96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 139.208 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019128.D

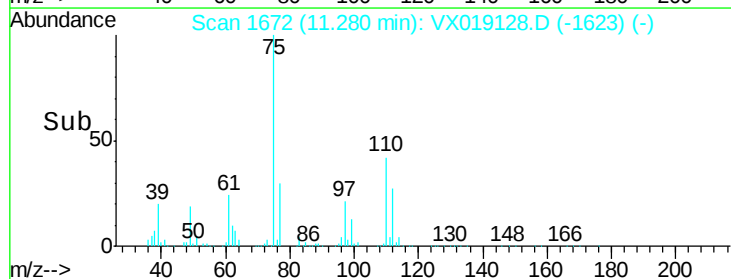
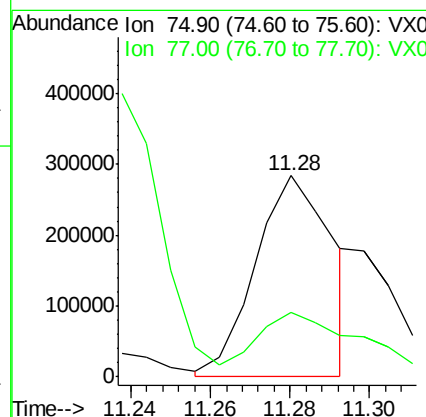
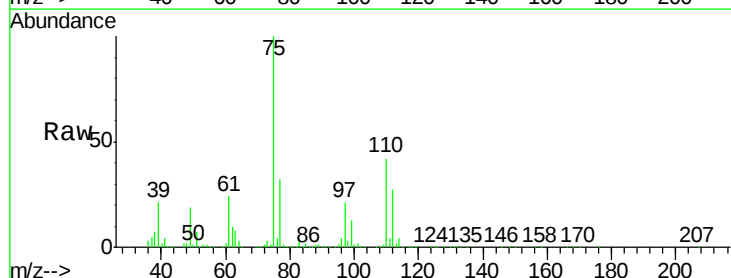
Acq: 26 Oct 2020 19:16

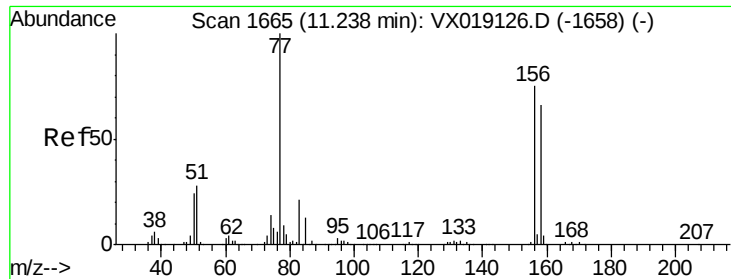
Tgt Ion: 75 Resp: 383188

Ion Ratio Lower Upper

75 100

77 43.8 20.4 61.3





#77

Bromobenzene

Concen: 157.495 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Instrument :

MSVOA_X

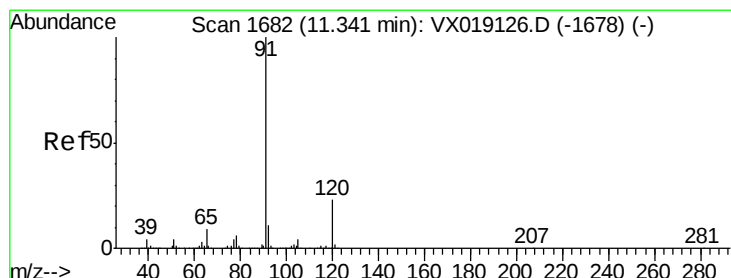
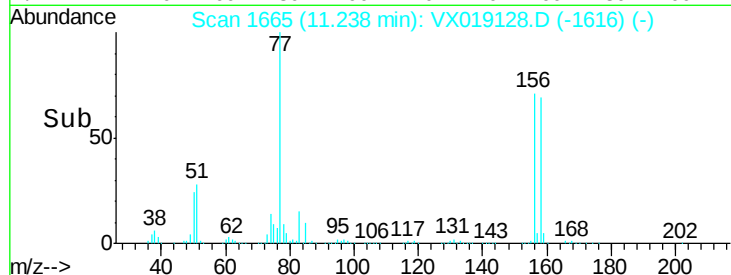
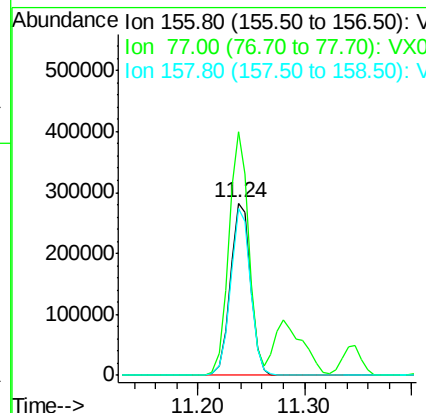
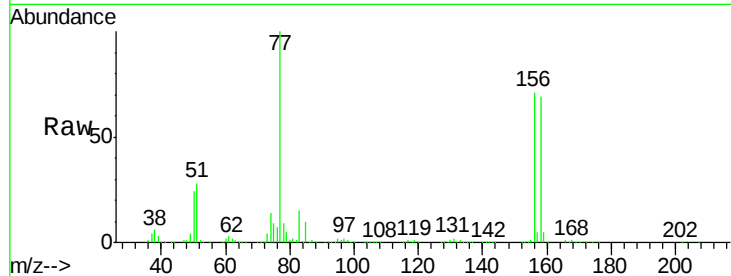
ClientSampleId :

VSTDIC150

Tot Ion	Ion	Ratio	Lower	Upper
374212	156	100		
	77	139.9	71.7	215.0
	158	95.4	46.9	140.8

Manual Integrations
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#78

n-propylbenzene

Concen: 151.941 ug/l

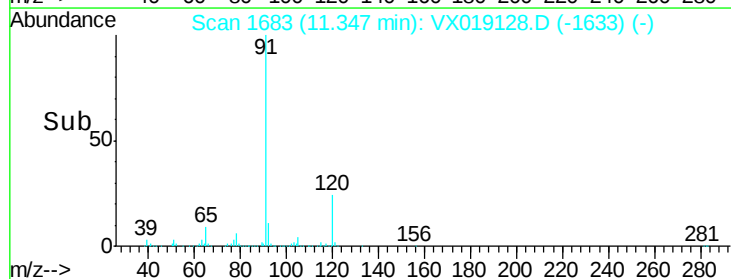
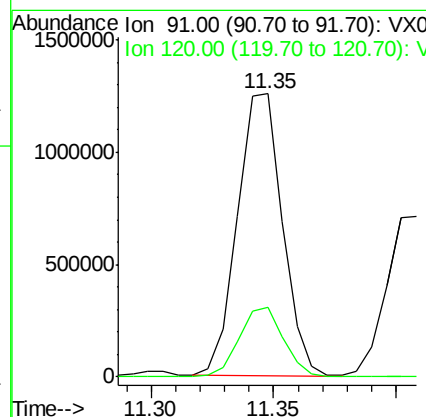
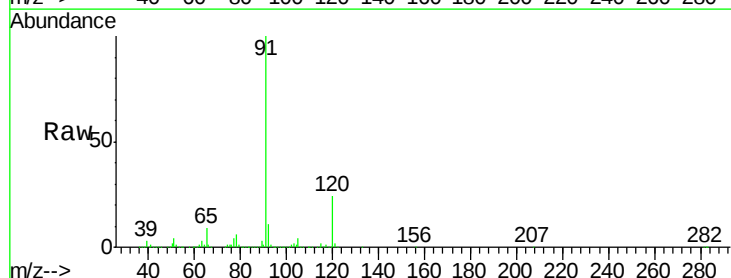
RT: 11.35 min Scan# 1683

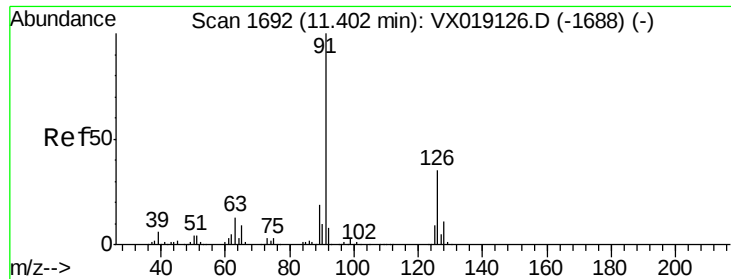
Delta R.T. 0.01 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Tgt Ion	Ion	Ratio	Lower	Upper
1611668	91	100		
	120	24.3	12.0	36.0





#79

2-Chlorotoluene

Concen: 150.248 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 933642

Ion Ratio Lower Upper

91 100

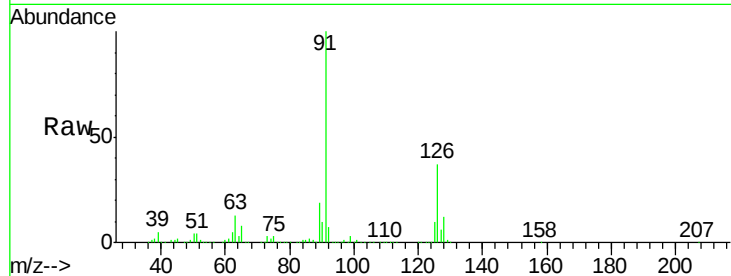
126 36.1 17.8 53.4

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX019128.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX019128.D (-1688) (-)

1500000

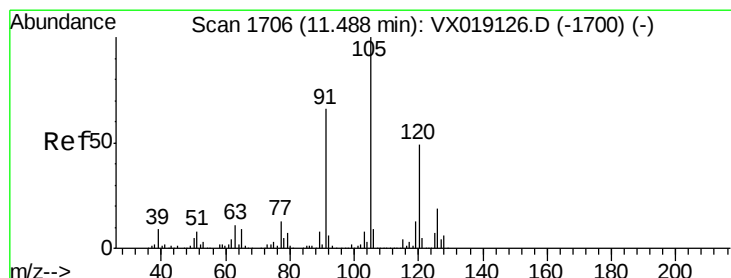
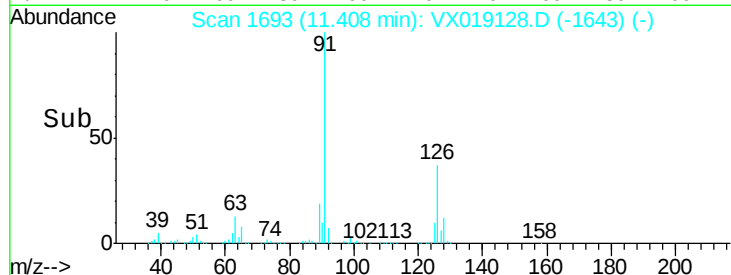
1000000

500000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 155.717 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX019128.D

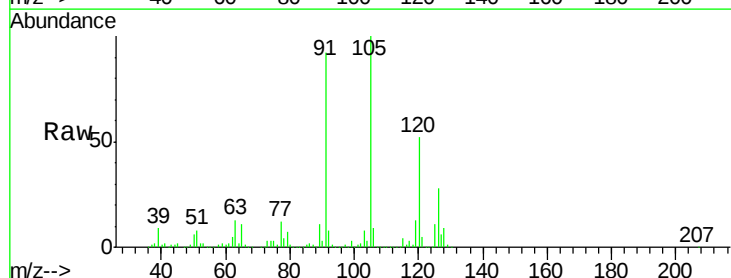
Acq: 26 Oct 2020 19:16

Tgt Ion: 105 Resp: 1212612

Ion Ratio Lower Upper

105 100

120 51.1 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VX019128.D (-1657) (-)

Ion 120.00 (119.70 to 120.70): VX019128.D (-1657) (-)

1000000

800000

600000

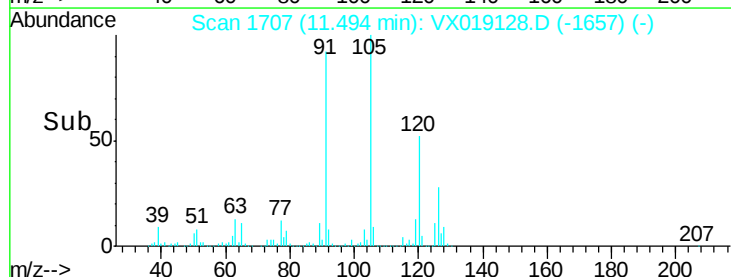
400000

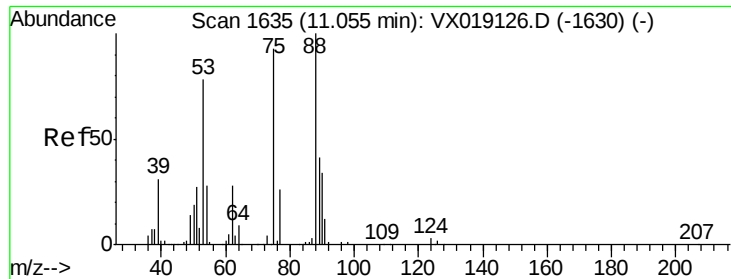
200000

0

11.45 11.50 11.55

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 167.094 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Instrument :

MSVOA_X

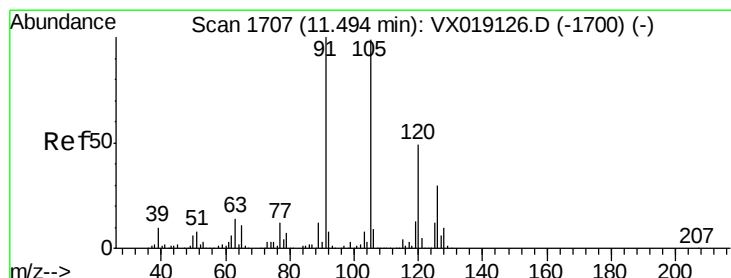
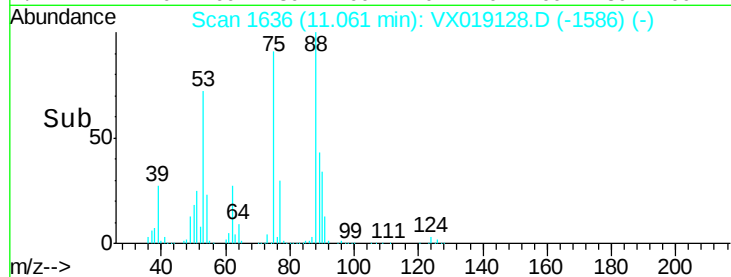
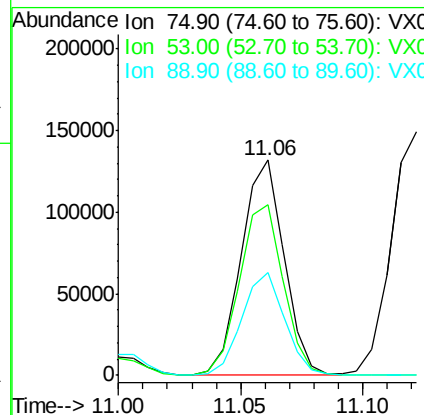
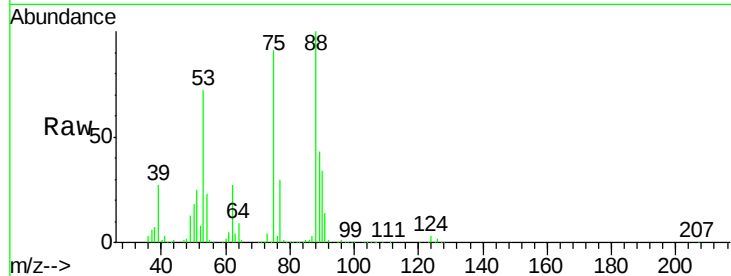
ClientSampleId :

VSTDIC150

Tot Ion:	75	Resp:	160082
Ion Ratio	Lower	Upper	
75	100		
53	81.3	67.6	101.4
89	47.8	38.0	57.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 154.157 ug/l

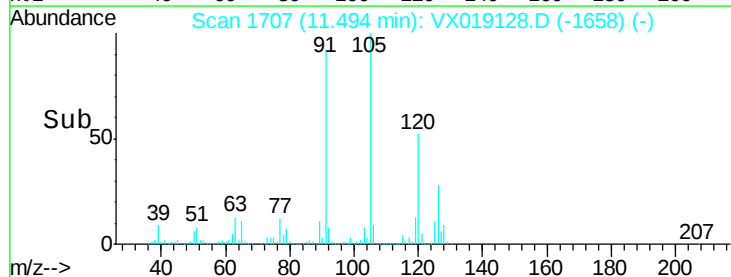
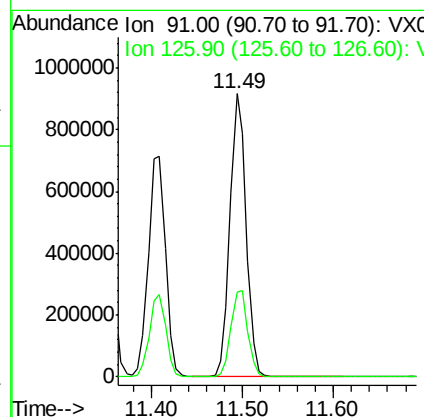
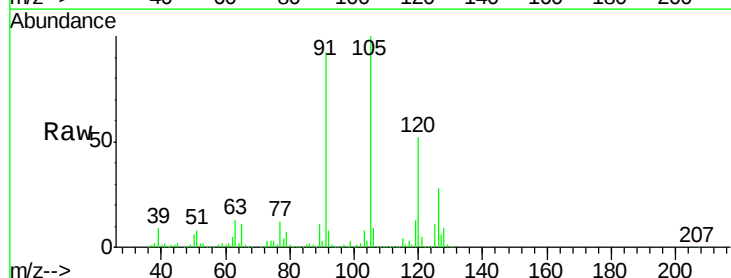
RT: 11.49 min Scan# 1707

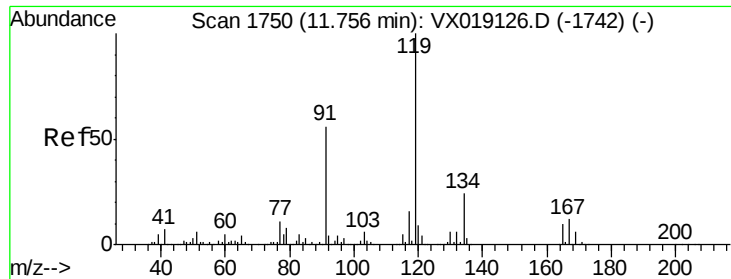
Delta R.T. -0.00 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Tgt Ion:	91	Resp:	1133980
Ion Ratio	Lower	Upper	
91	100		
126	32.0	15.5	46.5





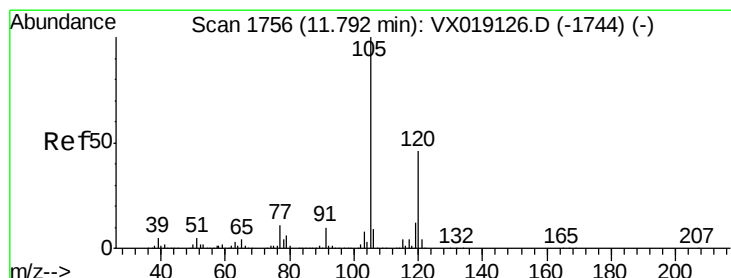
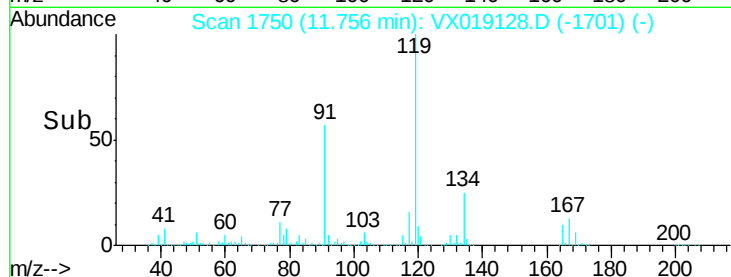
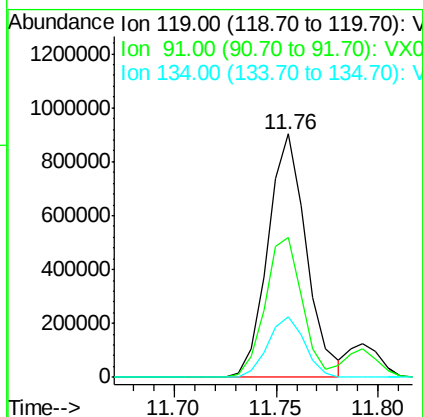
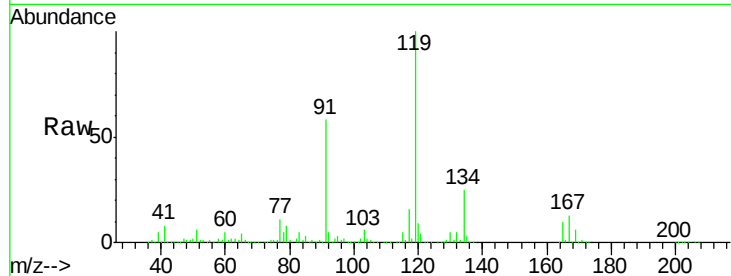
#83
tert-Butylbenzene
Concen: 155.189 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.2	27.9	83.6
134	23.9	11.9	35.5

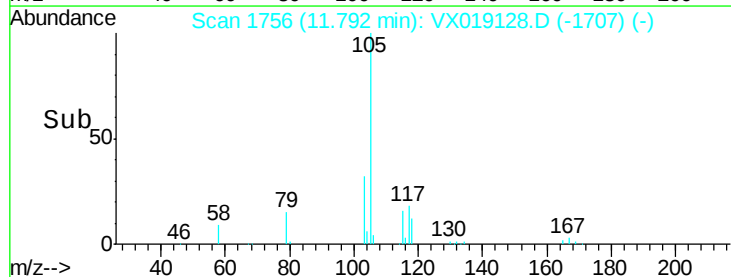
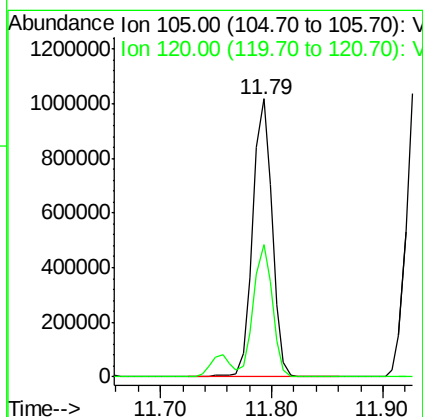
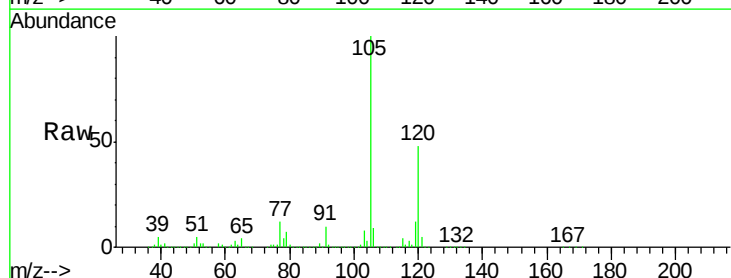
Manual Integrations
APPROVED

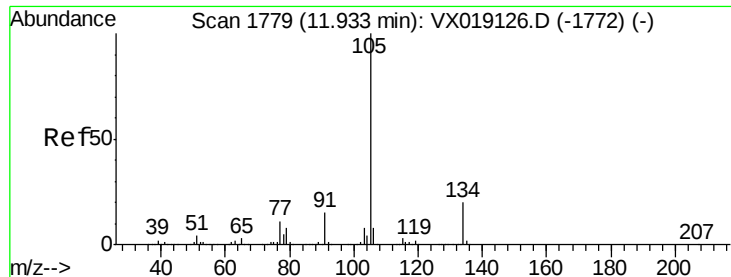
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 156.261 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	22.9	68.5





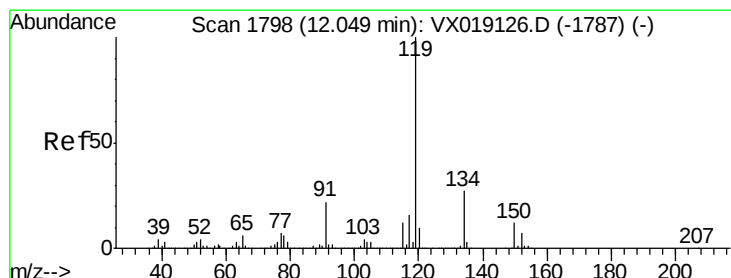
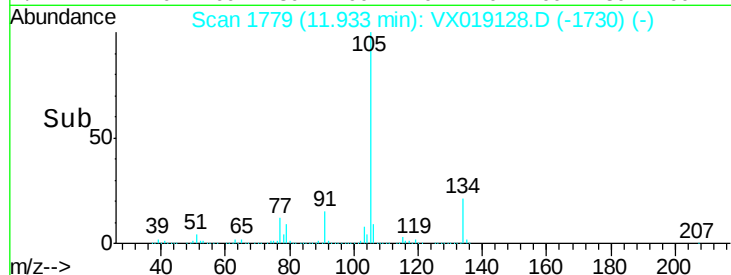
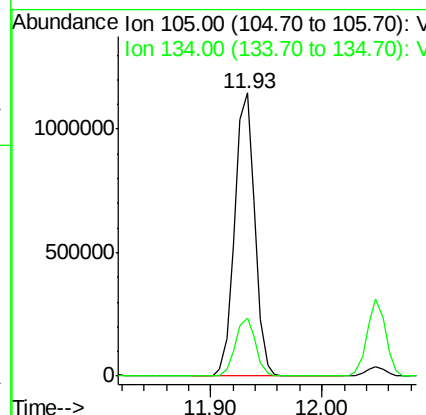
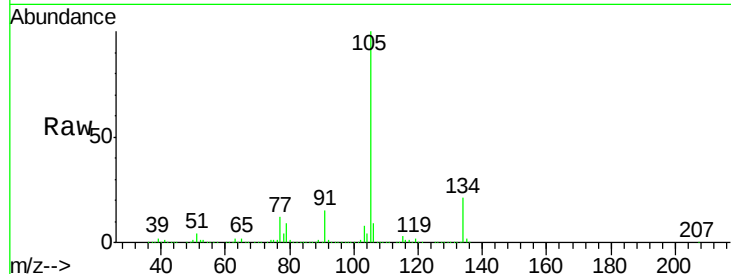
#85
 sec-Butylbenzene
 Concen: 155.232 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX019128.D
 Acq: 26 Oct 2020 19:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:105 Resp: 1424098
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.4

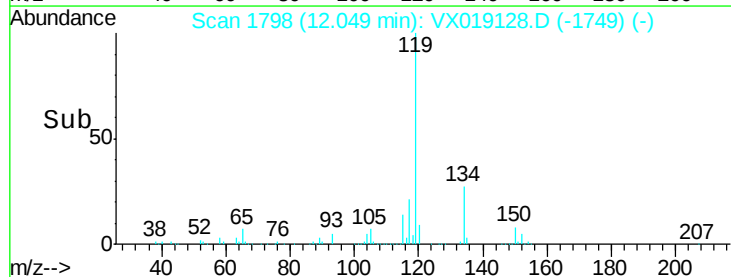
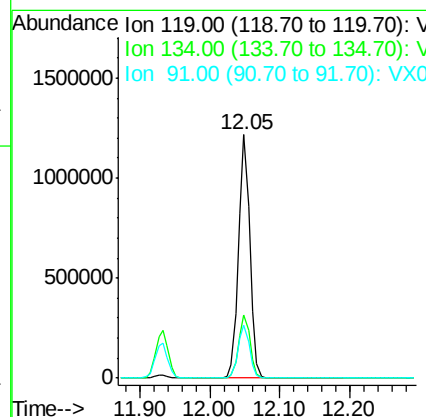
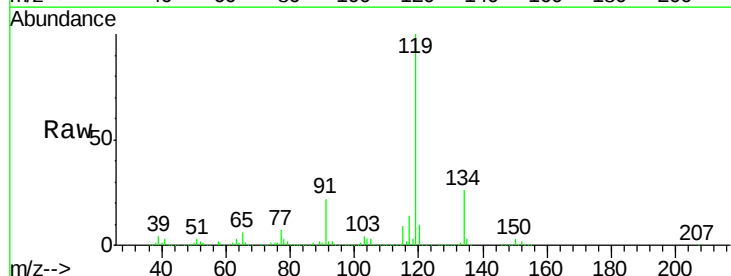
Manual Integrations
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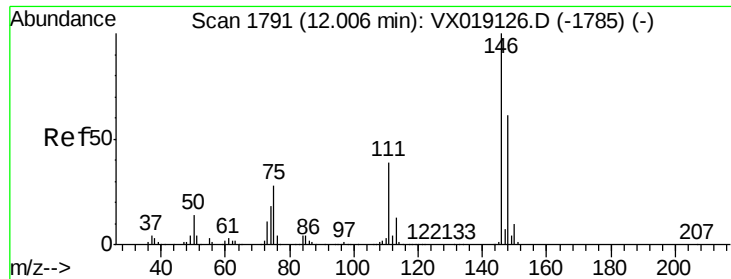
MMDadoda
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#86
 p-Isopropyltoluene
 Concen: 160.595 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019128.D
 Acq: 26 Oct 2020 19:16

Tgt Ion:119 Resp: 1361666
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.4 40.1
 91 22.3 11.5 34.5





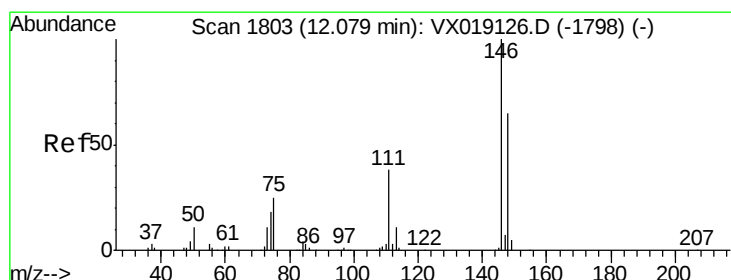
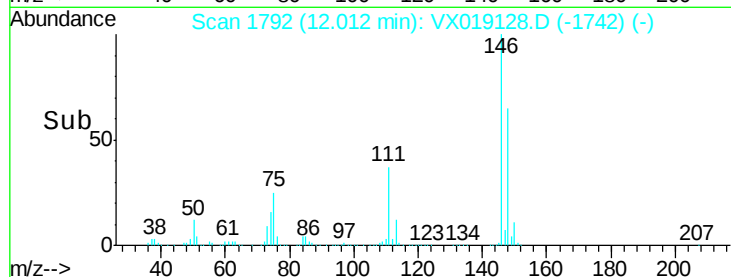
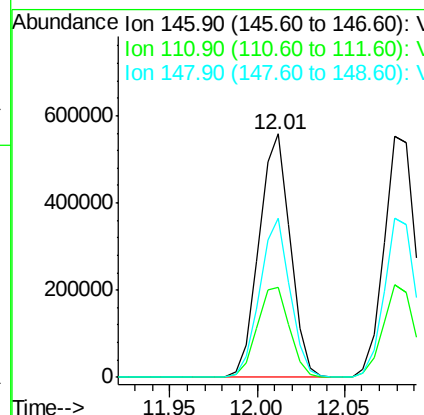
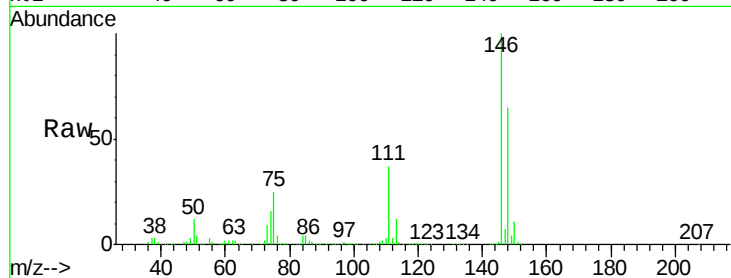
#87
 1,3-Dichlorobenzene
 Concen: 157.009 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019128.D
 Acq: 26 Oct 2020 19:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.5	58.5
148	63.6	31.9	95.5

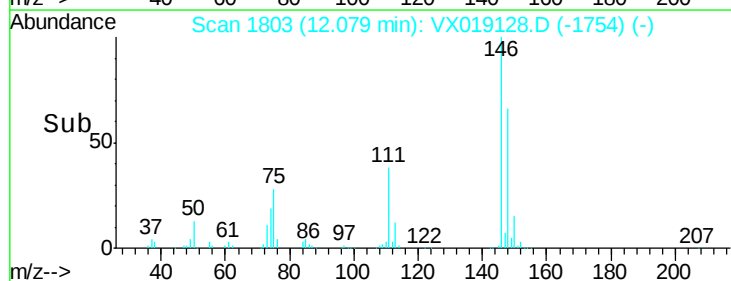
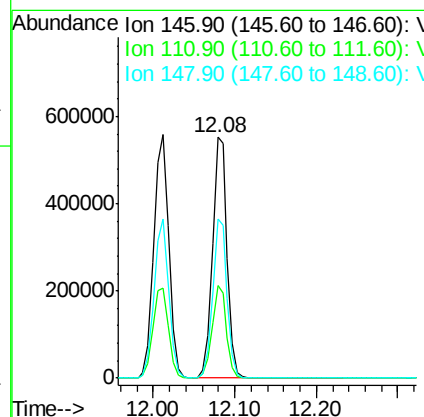
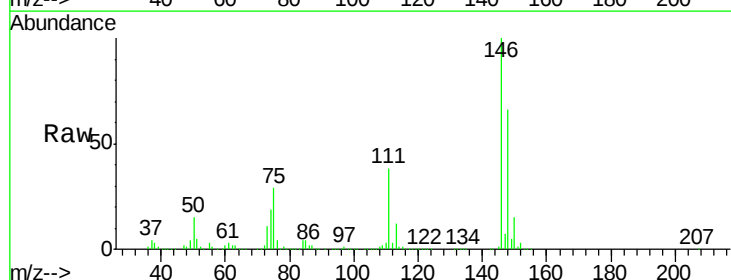
Manual Integrations
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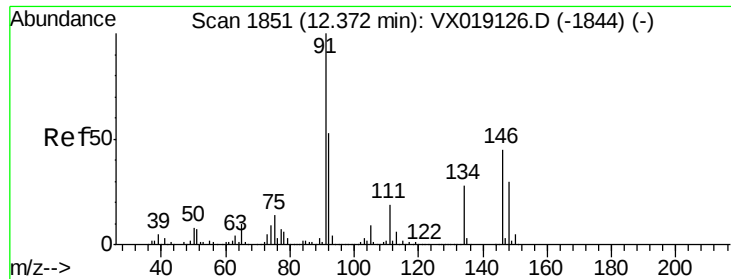
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 150.461 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019128.D
 Acq: 26 Oct 2020 19:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.4	58.1
148	65.2	32.5	97.4





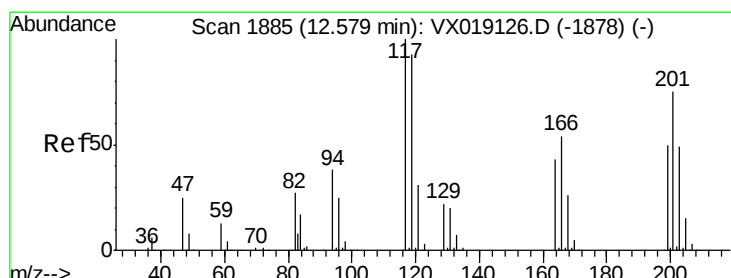
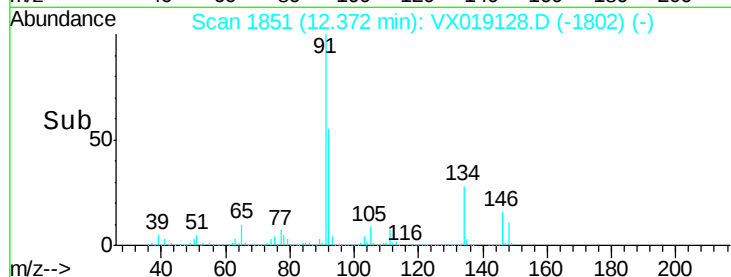
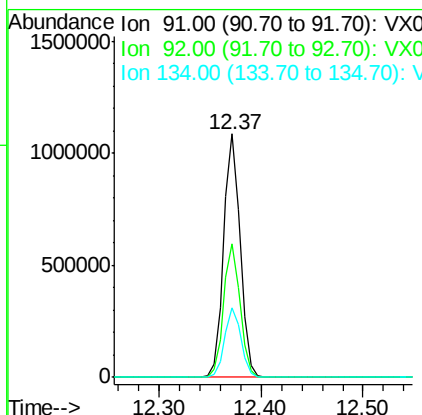
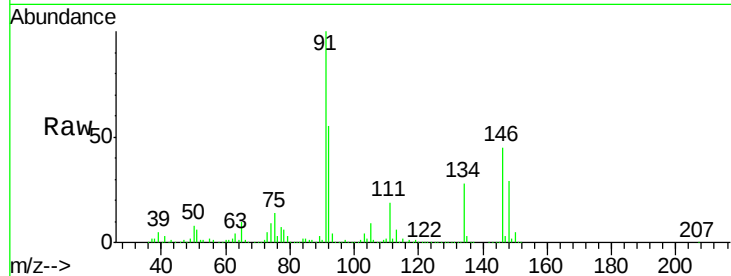
#89
n-Butylbenzene
Concen: 158.400 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 1227080
Ion Ratio Lower Upper
91 100
92 54.6 26.8 80.4
134 28.2 13.8 41.4

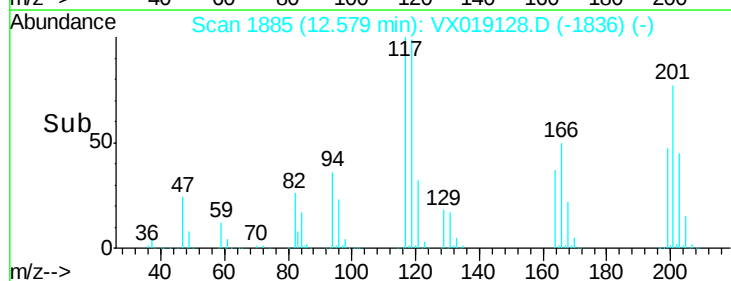
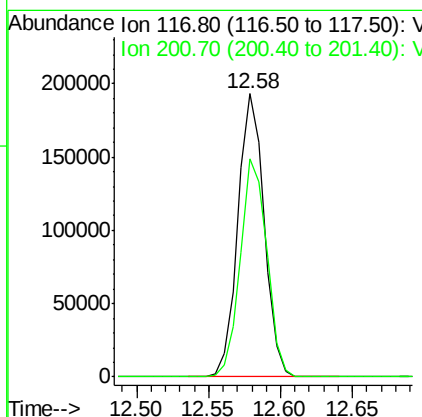
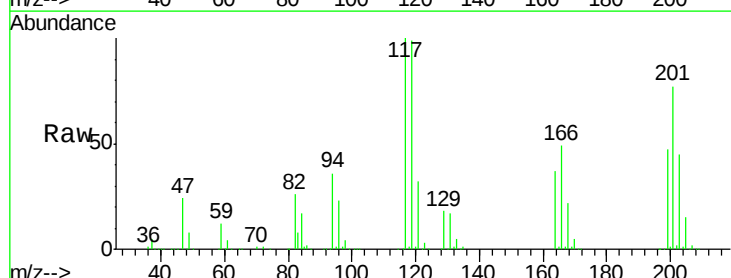
Manual Integrations
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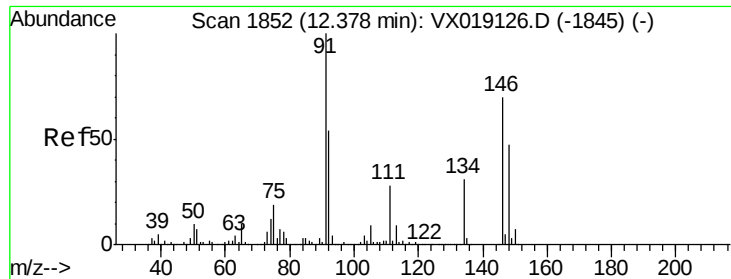
MMDadoda
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#90
Hexachloroethane
Concen: 173.057 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Tgt Ion: 117 Resp: 244904
Ion Ratio Lower Upper
117 100
201 77.7 39.1 117.2





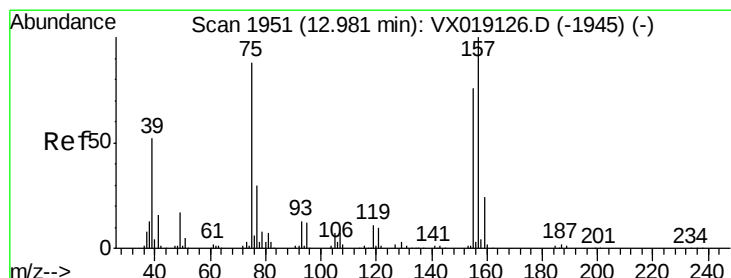
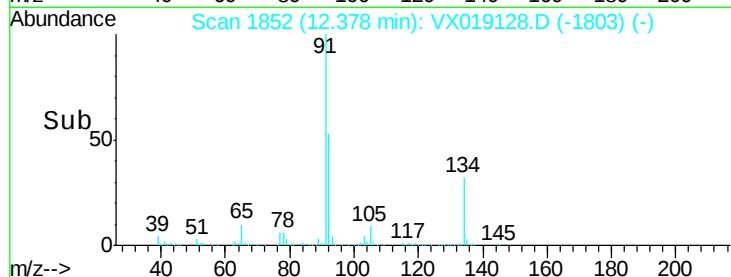
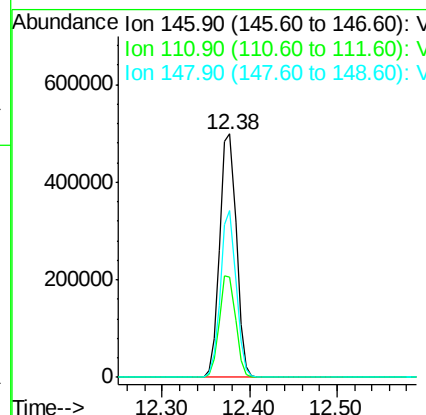
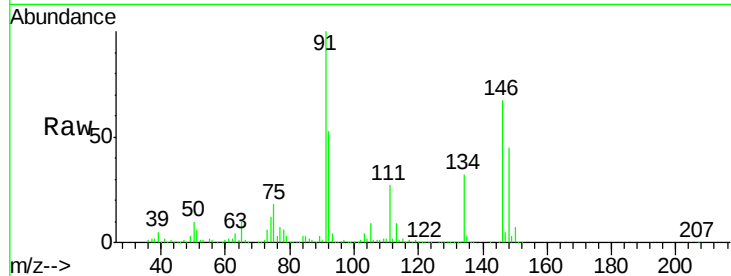
#91
1,2-Dichlorobenzene
Concen: 152.102 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.4	61.3
148	64.0	32.8	98.3

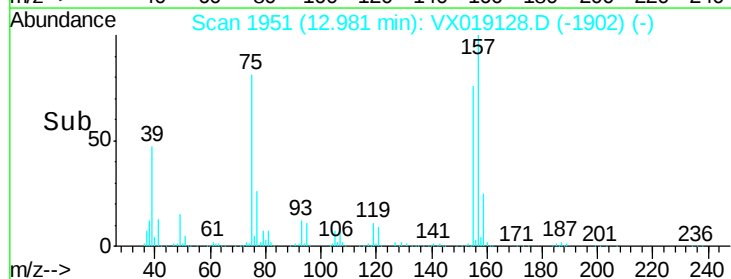
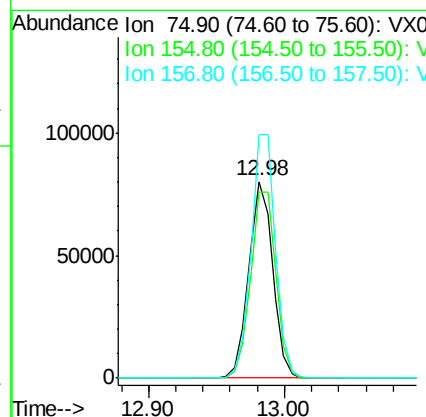
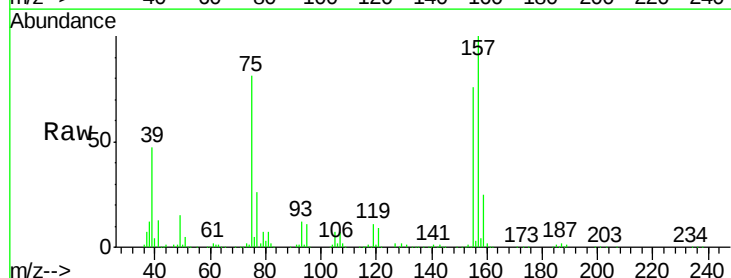
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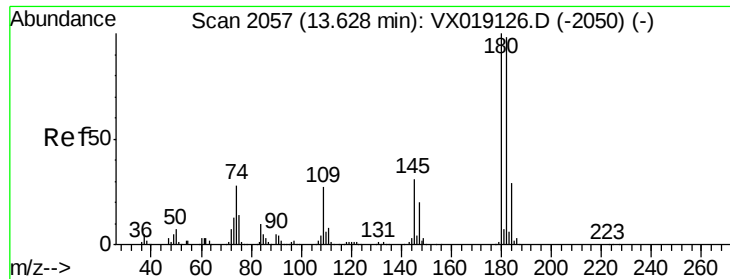
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#92
1,2-Dibromo-3-Chloropropane
Concen: 155.488 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. -0.00 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.4	47.1	141.4
157	126.3	60.1	180.2





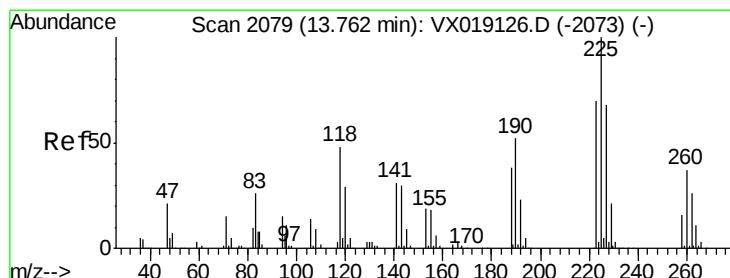
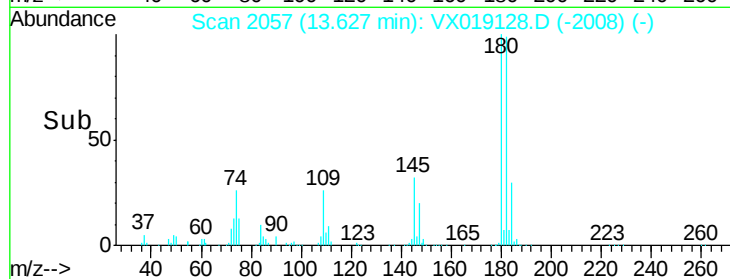
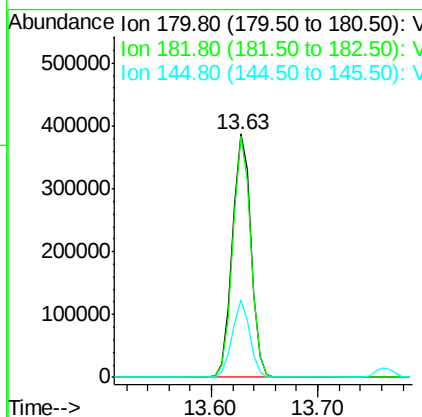
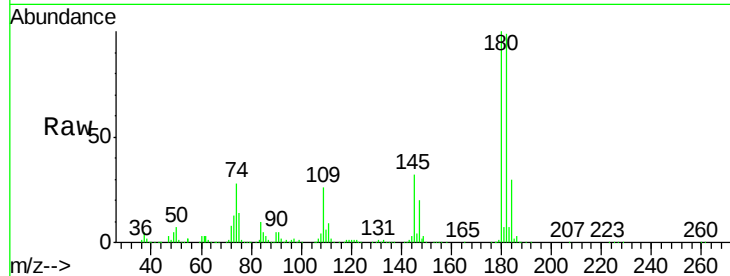
#93
 1,2,4-Trichlorobenzene
 Concen: 158.766 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019128.D
 Acq: 26 Oct 2020 19:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100	475509		
182	95.9	47.8	143.4	
145	30.1	15.0	45.1	

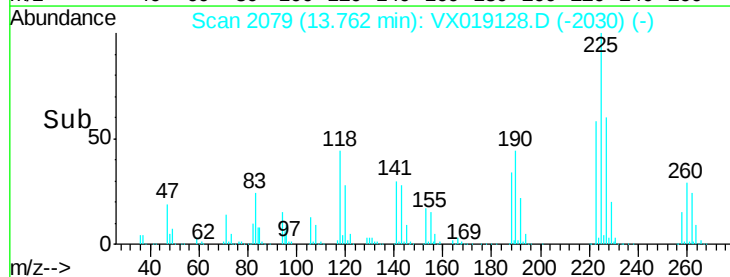
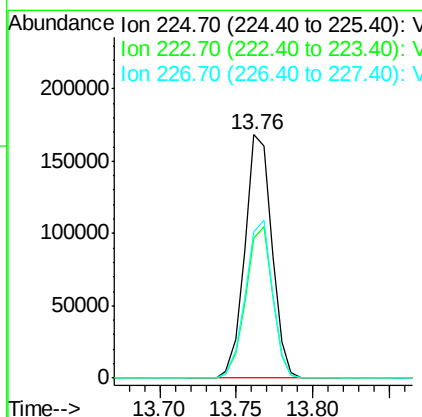
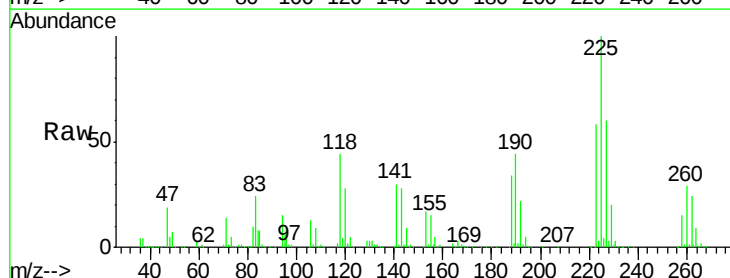
Manual Integrations
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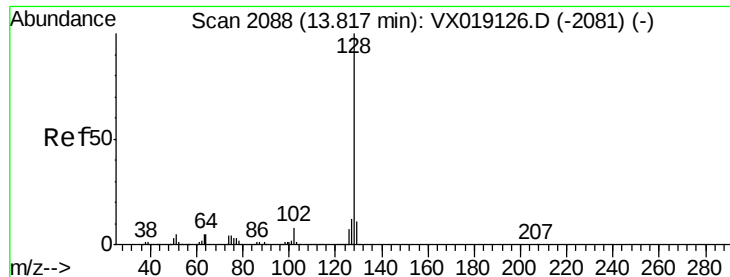
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#94
 Hexachlorobutadiene
 Concen: 153.992 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019128.D
 Acq: 26 Oct 2020 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	205777		
223	61.9	32.1	96.5	
227	64.6	32.0	96.0	





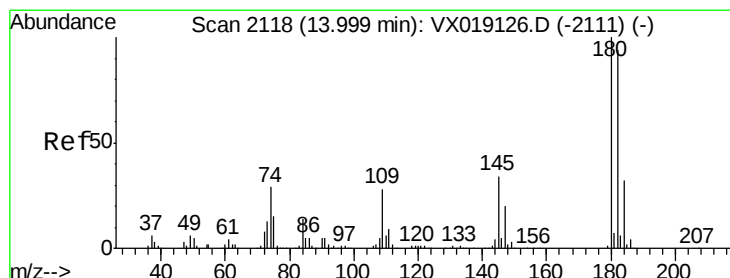
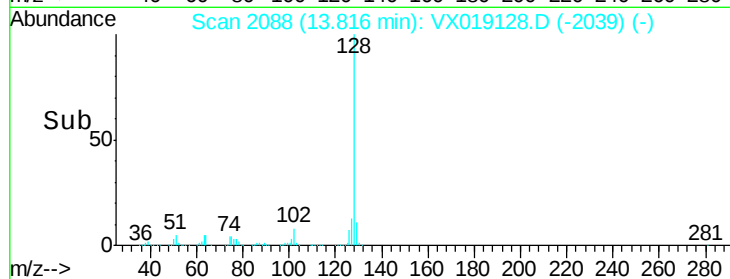
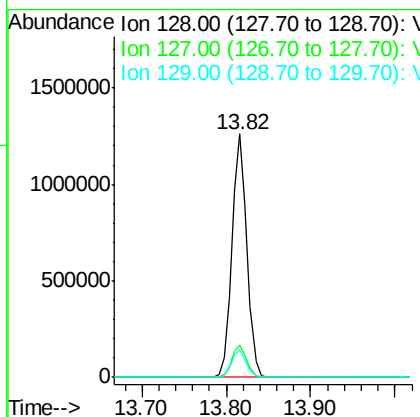
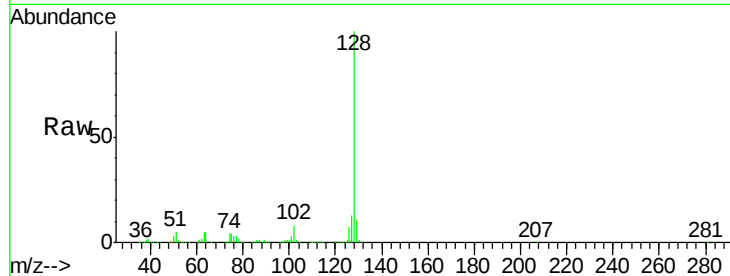
#95
Naphthalene
Concen: 159.574 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:128 Resp: 1511794
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.2 8.8 13.2

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 159.417 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Tgt Ion:180 Resp: 468779
Ion Ratio Lower Upper
180 100
182 92.1 47.6 142.9
145 31.6 15.9 47.7

