

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040919\
 Data File : VD061686.D
 Acq On : 9 Apr 2019 20:29
 Operator : VA/AP
 Sample : K2316-03
 Misc : 5.06g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20190171-COMP-CS-3

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.513	5	9	28	rVB	350958	1401934	25.52%	3.337%
2	3.245	179	185	188	rBV	62304	178656	3.25%	0.425%
3	3.294	188	190	197	rVV	50261	108269	1.97%	0.258%
4	3.413	197	202	216	rVB	62191	165787	3.02%	0.395%
5	3.856	241	247	257	rBV2	27068	97252	1.77%	0.231%
6	6.100	470	475	479	rBV	20418	57569	1.05%	0.137%
7	6.966	556	563	570	rBV	284961	925817	16.85%	2.204%
8	7.084	570	575	586	rVB	315690	911738	16.60%	2.170%
9	7.488	609	616	636	rBV	1874013	5493834	100.00%	13.077%
10	7.724	636	640	646	rVB	32785	100359	1.83%	0.239%
11	8.256	687	694	707	rBV	475395	1256356	22.87%	2.991%
12	8.896	750	759	765	rBV4	34417	124637	2.27%	0.297%
13	9.585	823	829	840	rVB	71394	207224	3.77%	0.493%
14	9.762	840	847	851	rBV2	121319	364535	6.64%	0.868%
15	10.392	903	911	912	rBV	227805	499322	9.09%	1.189%
16	10.432	912	915	922	rVV	508090	1392237	25.34%	3.314%
17	10.540	922	926	933	rVV	385665	887317	16.15%	2.112%
18	10.953	963	968	975	rVB	20994	55670	1.01%	0.133%
19	11.229	991	996	1006	rBV4	64179	205978	3.75%	0.490%
20	11.514	1020	1025	1031	rBV2	31801	70549	1.28%	0.168%
21	11.662	1033	1040	1042	rBV2	37481	97577	1.78%	0.232%
22	11.770	1047	1051	1056	rVB3	33671	89630	1.63%	0.213%
23	11.859	1056	1060	1065	rBV2	43228	123702	2.25%	0.294%
24	12.085	1079	1083	1085	rBV	49193	81592	1.49%	0.194%
25	12.144	1085	1089	1092	rVV	66246	126604	2.30%	0.301%
26	12.194	1092	1094	1101	rVB4	35849	81172	1.48%	0.193%
27	12.391	1110	1114	1115	rBV	573036	991932	18.06%	2.361%
28	12.420	1115	1117	1124	rVB	555213	951790	17.32%	2.266%
29	12.538	1126	1129	1134	rBV	472015	852623	15.52%	2.030%
30	12.676	1139	1143	1150	rVB	790143	1683204	30.64%	4.007%
31	12.765	1150	1152	1156	rVB	74468	124775	2.27%	0.297%
32	12.834	1156	1159	1164	rBV	226010	410677	7.48%	0.978%
33	12.922	1164	1168	1169	rBV	81146	149761	2.73%	0.356%
34	13.011	1174	1177	1180	rBV2	119480	275437	5.01%	0.656%

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35	13.070	1180	1183	1185	rVV	381914	581059	10.58%	1.383%
36	13.109	1185	1187	1190	rVV	592058	894426	16.28%	2.129%
37	13.158	1190	1192	1195	rVB2	158913	258444	4.70%	0.615%
38	13.237	1195	1200	1203	rBV2	223597	446161	8.12%	1.062%
39	13.326	1206	1209	1214	rVB3	210569	512028	9.32%	1.219%
40	13.424	1214	1219	1222	rVB	1215131	2012670	36.64%	4.791%
41	13.483	1222	1225	1231	rBV3	200258	766697	13.96%	1.825%
42	13.572	1231	1234	1239	rVV2	350389	788881	14.36%	1.878%
43	13.670	1241	1244	1247	rVV2	359913	656202	11.94%	1.562%
44	13.729	1247	1250	1252	rVV	626058	982424	17.88%	2.338%
45	13.779	1252	1255	1258	rVB2	546145	838120	15.26%	1.995%
46	13.857	1258	1263	1266	rBV2	696163	1191917	21.70%	2.837%
47	13.907	1266	1268	1270	rVV3	150178	240364	4.38%	0.572%
48	13.946	1270	1272	1274	rVV2	236635	411409	7.49%	0.979%
49	13.985	1274	1276	1278	rVV2	167073	264473	4.81%	0.630%
50	14.025	1278	1280	1283	rVB3	177688	278324	5.07%	0.662%
51	14.074	1283	1285	1286	rBV2	79405	107281	1.95%	0.255%
52	14.143	1289	1292	1294	rBV3	114311	213025	3.88%	0.507%
53	14.212	1294	1299	1301	rBV2	222129	456747	8.31%	1.087%
54	14.251	1301	1303	1308	rVB2	544467	956812	17.42%	2.278%
55	14.340	1308	1312	1314	rBV	141604	242084	4.41%	0.576%
56	14.389	1314	1317	1318	rBV2	108992	178004	3.24%	0.424%
57	14.428	1318	1321	1322	rVV	336155	465180	8.47%	1.107%
58	14.507	1326	1329	1330	rVV	179100	263285	4.79%	0.627%
59	14.537	1330	1332	1334	rVV	295015	465064	8.47%	1.107%
60	14.606	1337	1339	1341	rBV	154218	223370	4.07%	0.532%
61	14.635	1341	1342	1348	rVB3	244158	465446	8.47%	1.108%
62	14.724	1348	1351	1352	rBV	165339	244034	4.44%	0.581%
63	14.743	1352	1353	1355	rVB	120498	121218	2.21%	0.289%
64	14.793	1355	1358	1359	rBV2	250107	379578	6.91%	0.904%
65	14.822	1359	1361	1363	rVB	195583	230315	4.19%	0.548%
66	14.861	1363	1365	1367	rVB3	110888	154955	2.82%	0.369%
67	14.901	1367	1369	1373	rBV3	203788	502053	9.14%	1.195%
68	15.029	1379	1382	1384	rBV3	105316	210358	3.83%	0.501%
69	15.068	1384	1386	1388	rVB	188181	205100	3.73%	0.488%
70	15.127	1388	1392	1394	rBV3	101142	242820	4.42%	0.578%
71	15.236	1399	1403	1406	rVB5	80644	183550	3.34%	0.437%

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72	15.295	1406	1409	1411	rBV4	130535	214887	3.91%	0.511%
73	15.334	1411	1413	1414	rBV	127186	164087	2.99%	0.391%
74	15.354	1414	1415	1417	rVV	136514	140596	2.56%	0.335%
75	15.393	1417	1419	1421	rVB	144367	192505	3.50%	0.458%
76	15.442	1421	1424	1426	rBV4	204031	336091	6.12%	0.800%
77	15.492	1426	1429	1433	rVB3	273505	453890	8.26%	1.080%
78	15.659	1443	1446	1447	rBV2	77027	178222	3.24%	0.424%
79	15.688	1447	1449	1451	rVB	165909	221449	4.03%	0.527%
80	15.757	1454	1456	1457	rBV2	89038	107792	1.96%	0.257%
81	15.787	1457	1459	1460	rBV	179004	210339	3.83%	0.501%
82	15.915	1469	1472	1474	rBV2	51455	108702	1.98%	0.259%
83	16.003	1479	1481	1484	rVB2	56735	93383	1.70%	0.222%
84	16.053	1484	1486	1491	rVB5	46706	99723	1.82%	0.237%
85	16.141	1491	1495	1499	rBV2	77539	175242	3.19%	0.417%
86	16.240	1502	1505	1510	rVB4	69515	144462	2.63%	0.344%
87	16.535	1532	1535	1539	rVB	169150	241772	4.40%	0.575%
88	16.732	1551	1555	1563	rVB	514619	748765	13.63%	1.782%

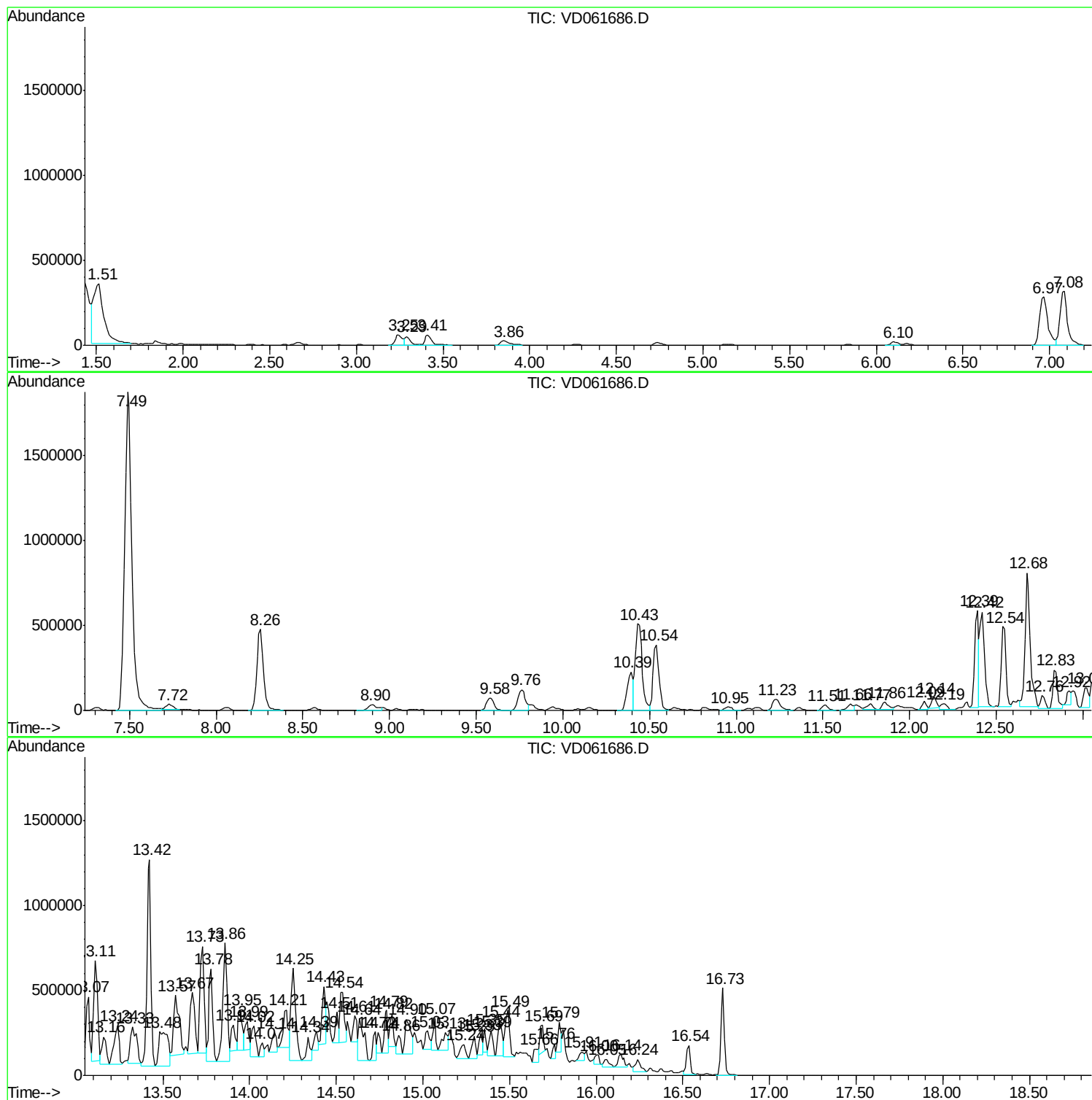
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Instrument :
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20190171-COMP-CS-3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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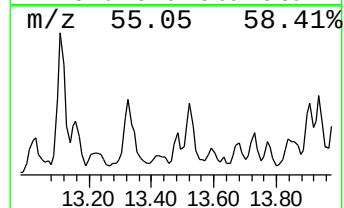
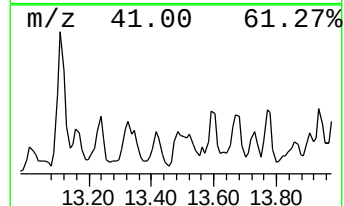
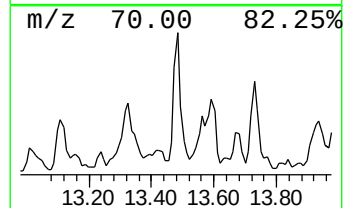
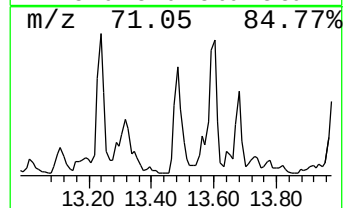
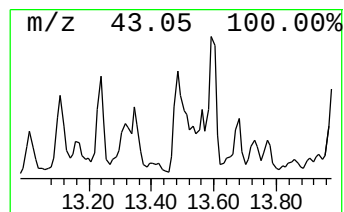
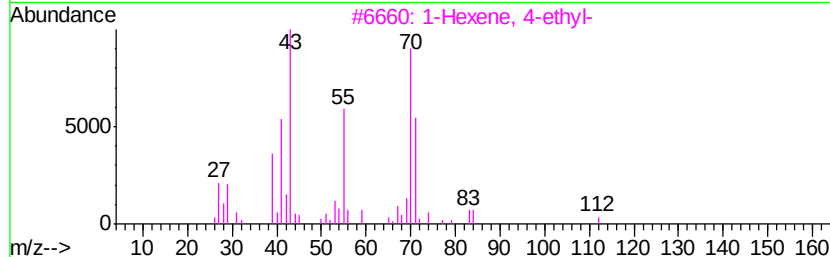
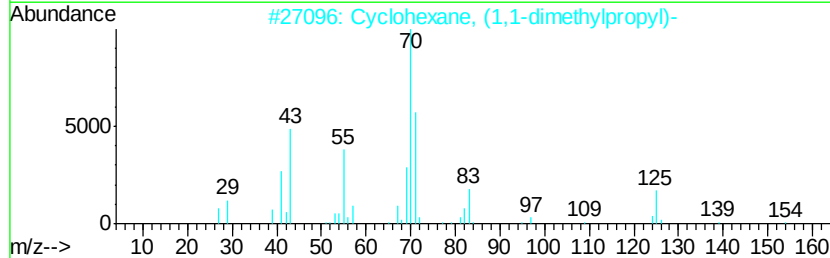
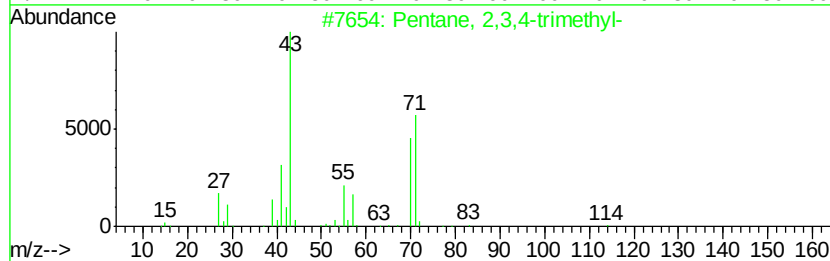
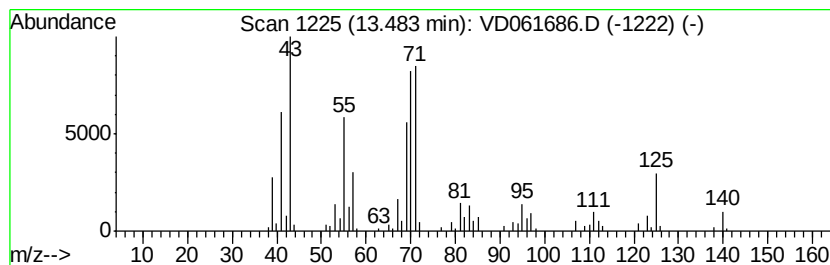
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Pentane, 2,3,4-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	82.43 ug/l	766697	1,4-Dichlorobenzene-d4	14.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	50
2		Cyclohexane, (1,1-dimethylpropyl)-	154	C11H22	031797-64-5	47
3		1-Hexene, 4-ethyl-	112	C8H16	016746-85-3	43
4		2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	38
5		Dodecane, 4-methyl-	184	C13H28	006117-97-1	38



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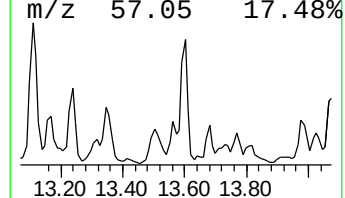
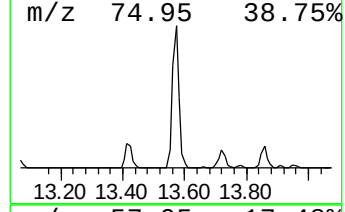
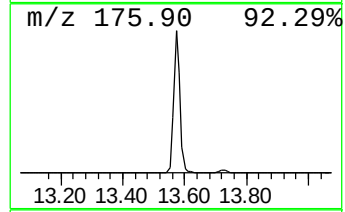
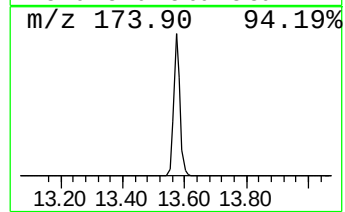
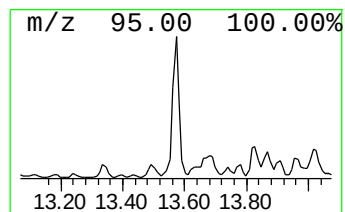
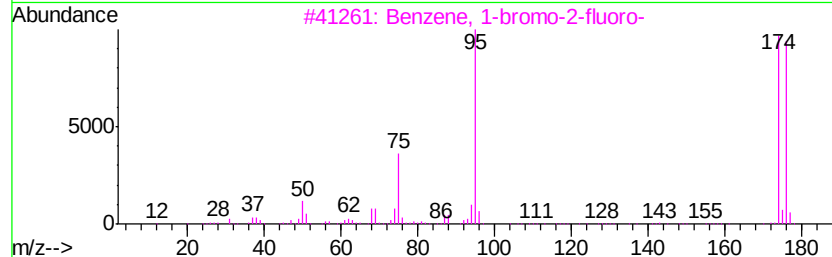
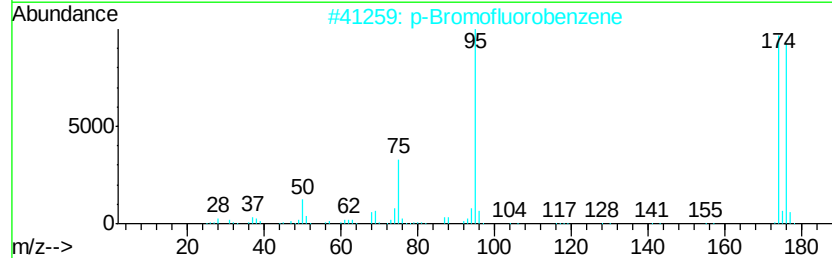
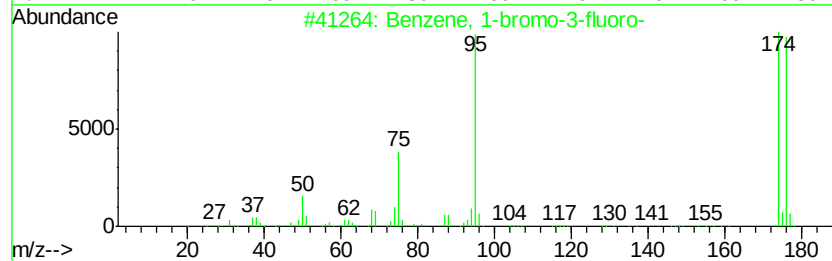
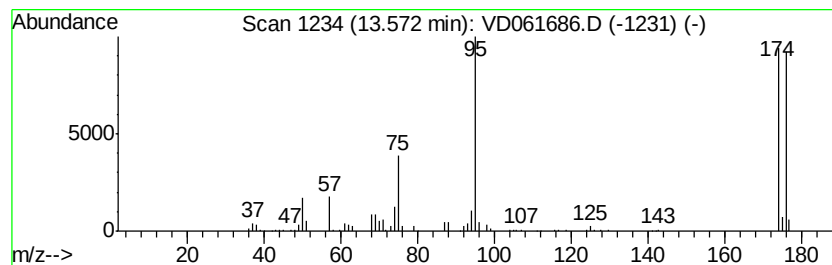
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-bromo-3-fluoro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	84.81 ug/l	788881	1,4-Dichlorobenzene-d4	14.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-bromo-3-fluoro-	174	C6H4BrF	001073-06-9	95
2		p-Bromofluorobenzene	174	C6H4BrF	000460-00-4	94
3		Benzene, 1-bromo-2-fluoro-	174	C6H4BrF	001072-85-1	94
4		4(1H)-Pyrimidinone, 5-bromo-	174	C4H3BrN2O	019808-30-1	37
5		Benzaldehyde, 2,6-difluoro-3,4-d...	174	C7H4F2O3	152434-98-5	14



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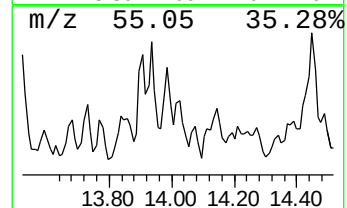
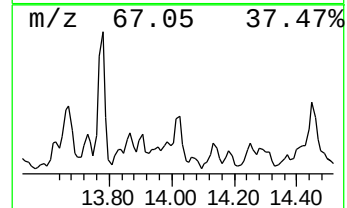
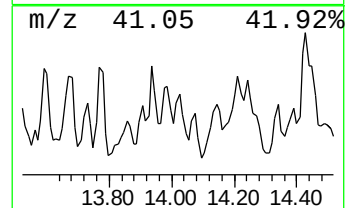
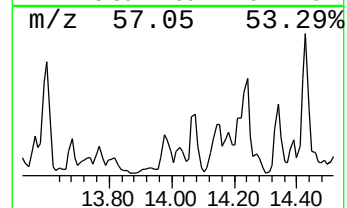
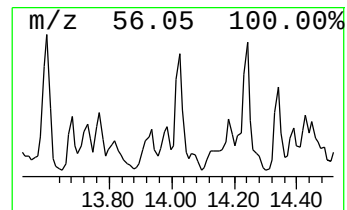
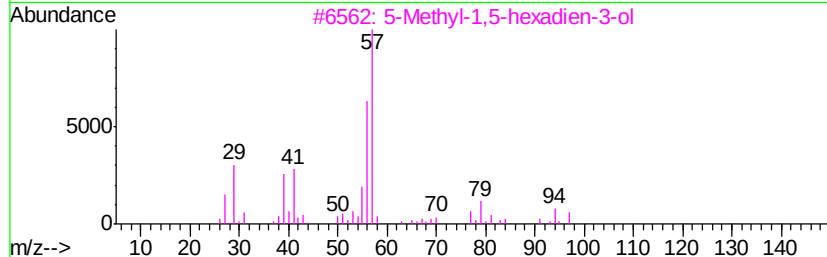
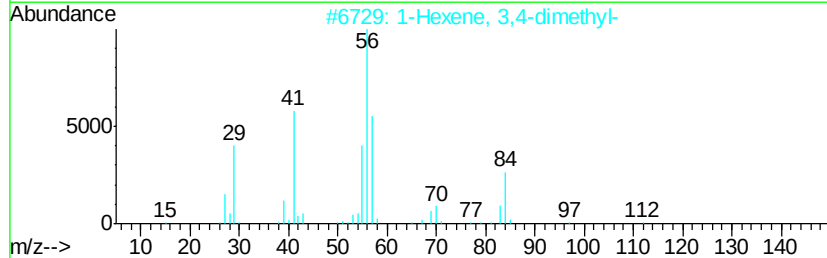
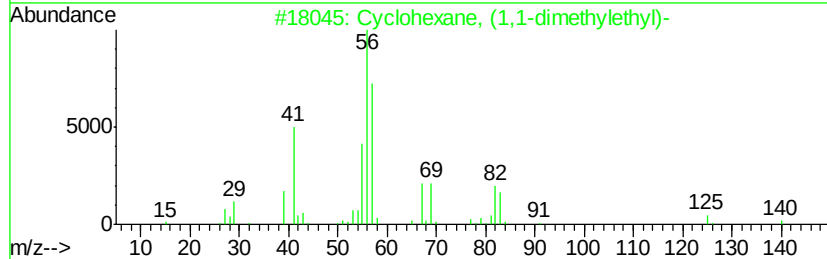
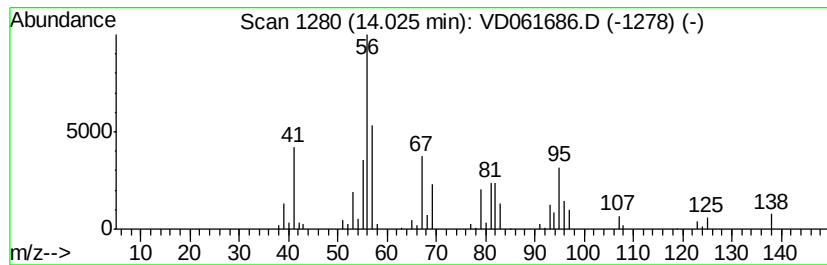
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown14.02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	29.92 ug/l	278324	1,4-Dichlorobenzene-d4	14.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, (1,1-dimethylethyl)-	140 C10H20	003178-22-1 32
2		1-Hexene, 3,4-dimethyl-	112 C8H16	016745-94-1 27
3		5-Methyl-1,5-hexadien-3-ol	112 C7H12O	017123-61-4 25
4		Piperidin-4-carboxylic acid	129 C6H11NO2	000498-94-2 23
5		Tridecane, 7-methylene-	196 C14H28	019780-80-4 17



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ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
20190171-COMP-CS-3

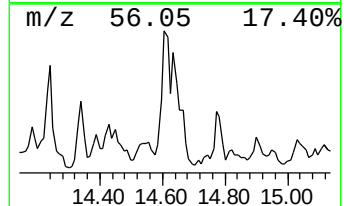
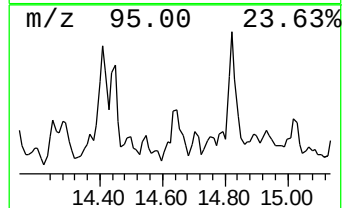
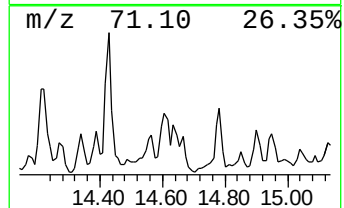
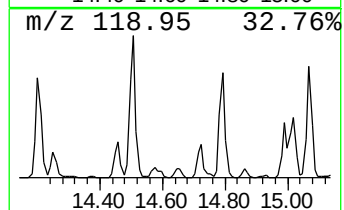
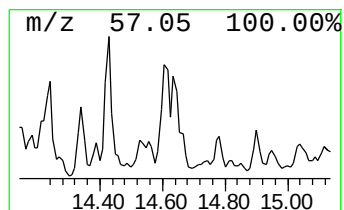
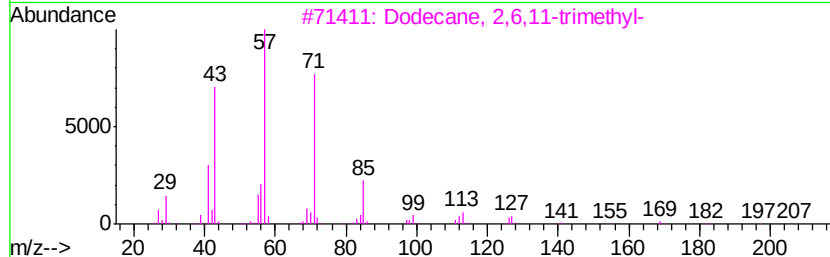
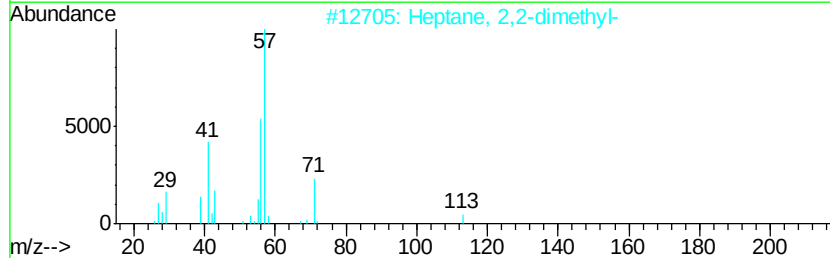
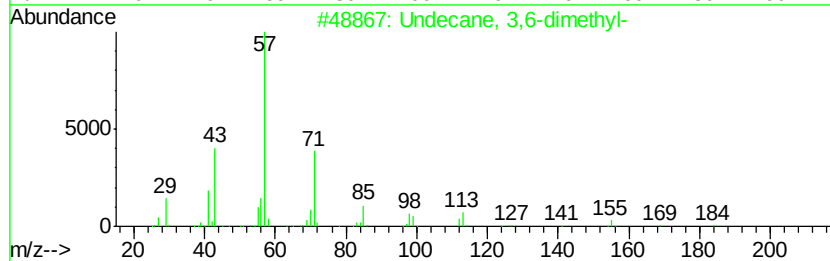
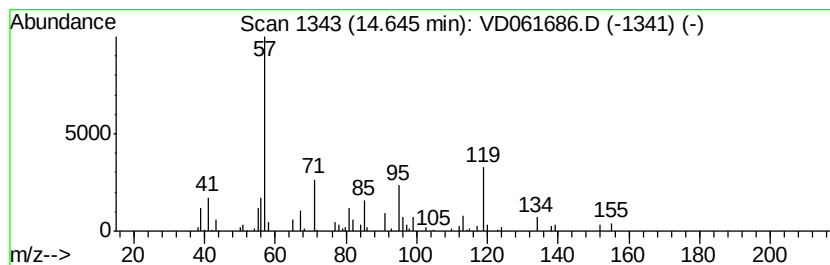
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown14.64 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	50.04 ug/l	465446	1,4-Dichlorobenzene-d4	14.54

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	47	
2	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	38	
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	38	
4	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	38	
5	Methane, isocyanato-	57	C2H3NO	000624-83-9	35	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040919\
Data File : VD061686.D
Acq On : 9 Apr 2019 20:29
Operator : VA/AP
Sample : K2316-03
Misc : 5.06g/5ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

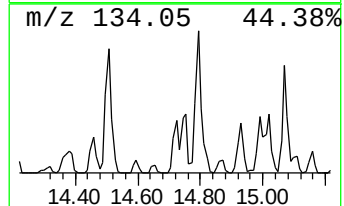
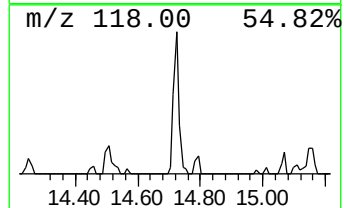
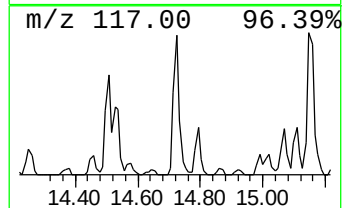
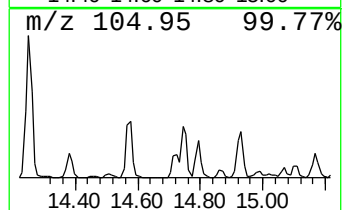
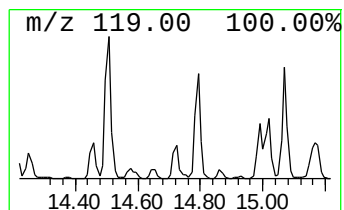
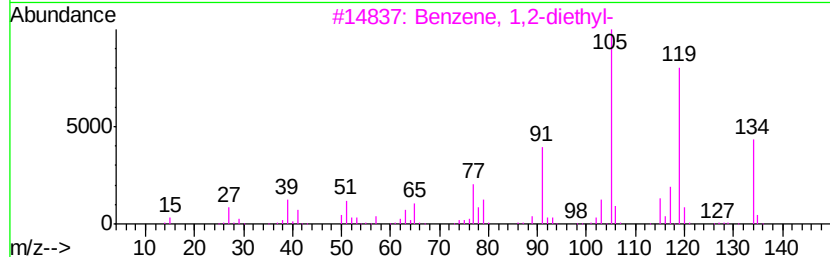
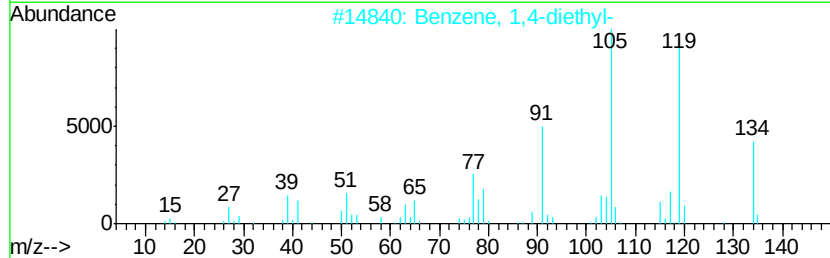
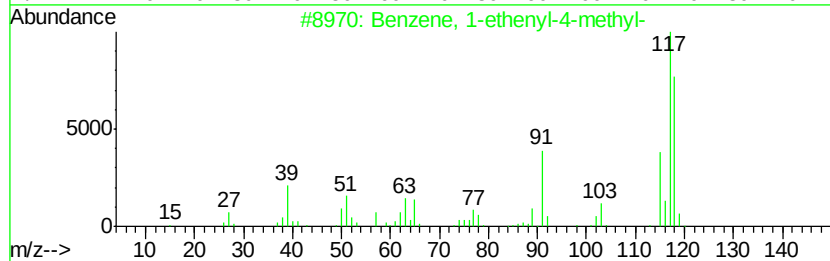
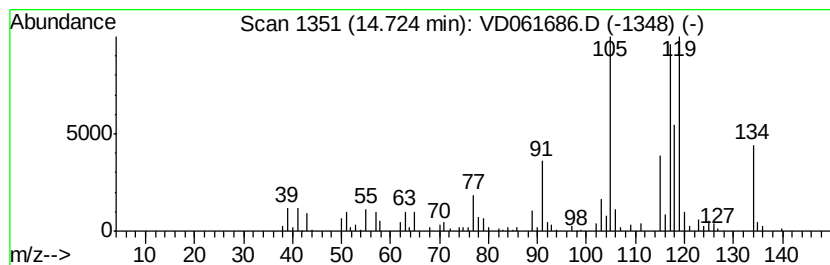
Instrument :
MSVOA_D
ClientSampleId :
20190171-COMP-CS-3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 1-ethenyl-4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	26.24 ug/l	244034	1,4-Dichlorobenzene-d4	14.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-ethenyl-4-methyl-	118 C9H10	000622-97-9 81
2		Benzene, 1,4-diethyl-	134 C10H14	000105-05-5 55
3		Benzene, 1,2-diethyl-	134 C10H14	000135-01-3 55
4		Benzene, 1,3-diethyl-	134 C10H14	000141-93-5 50
5		Benzene, cyclopropyl-	118 C9H10	000873-49-4 42



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040919\
Data File : VD061686.D
Acq On : 9 Apr 2019 20:29
Operator : VA/AP
Sample : K2316-03
Misc : 5.06g/5ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

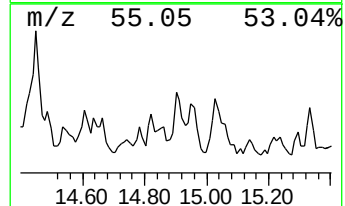
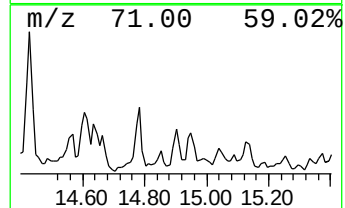
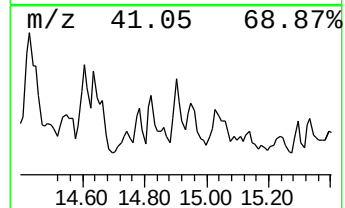
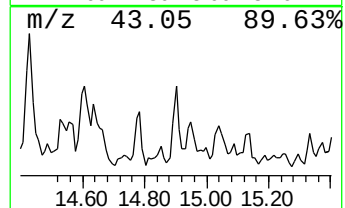
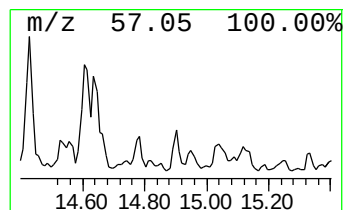
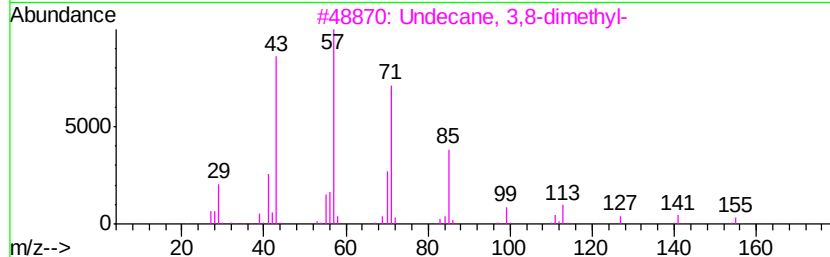
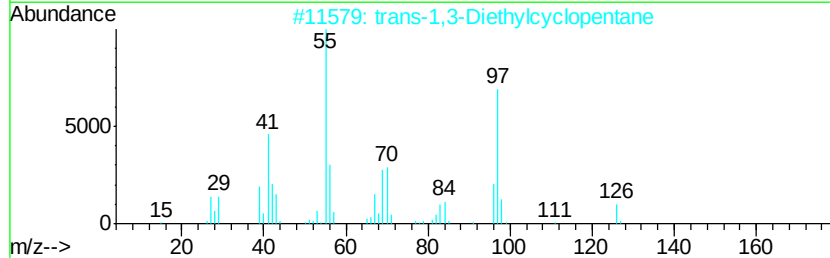
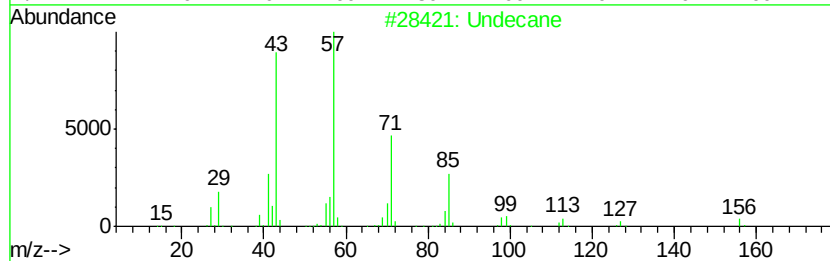
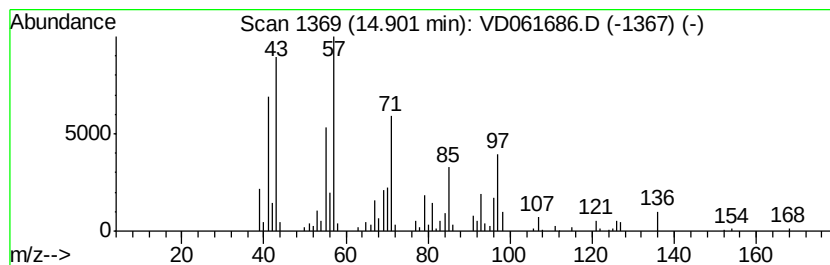
Instrument :
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ClientSampleId :
20190171-COMP-CS-3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Undecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	53.98 ug/l	502053	1,4-Dichlorobenzene-d4	14.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane		156 C11H24	001120-21-4 50
2	trans-1,3-Diethylcyclopentane		126 C9H18	1000113-87-1 50
3	Undecane, 3,8-dimethyl-		184 C13H28	017301-30-3 47
4	Heneicosane		296 C21H44	000629-94-7 47
5	Tetradecane		198 C14H30	000629-59-4 43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040919\
Data File : VD061686.D
Acq On : 9 Apr 2019 20:29
Operator : VA/AP
Sample : K2316-03
Misc : 5.06g/5ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

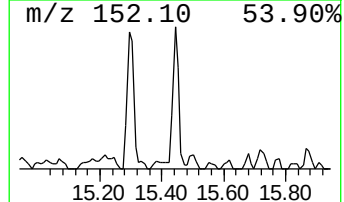
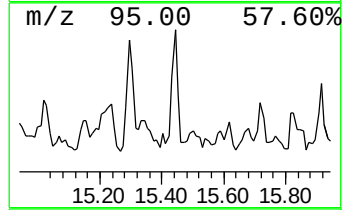
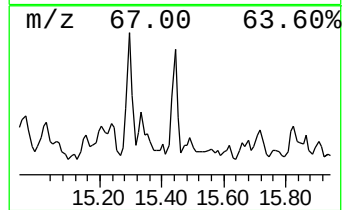
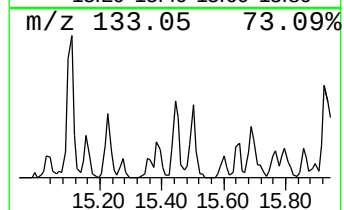
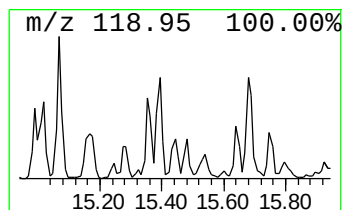
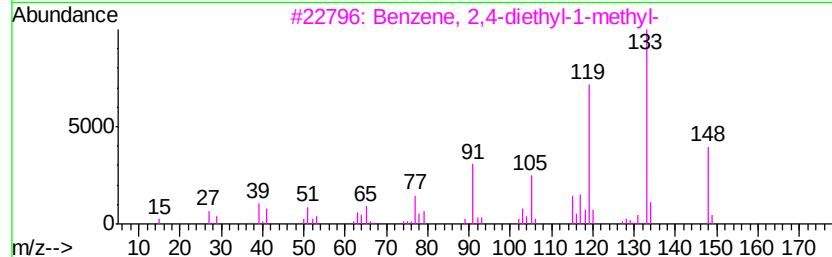
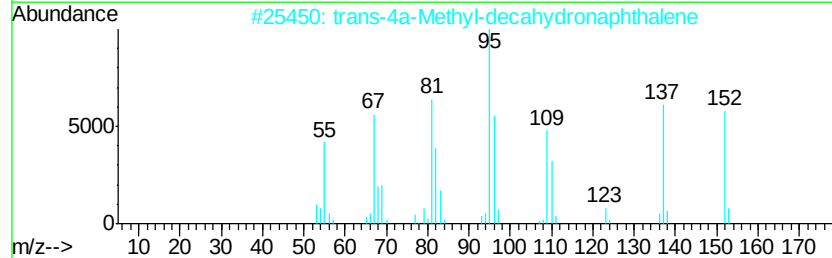
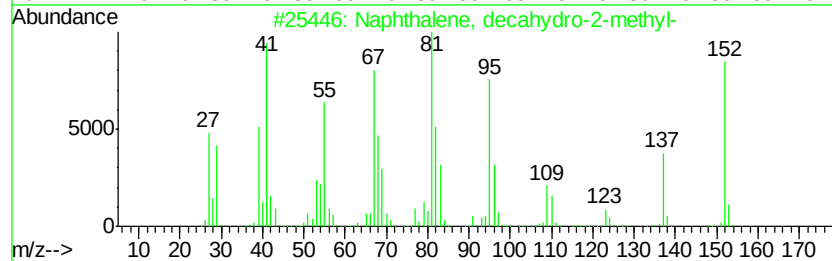
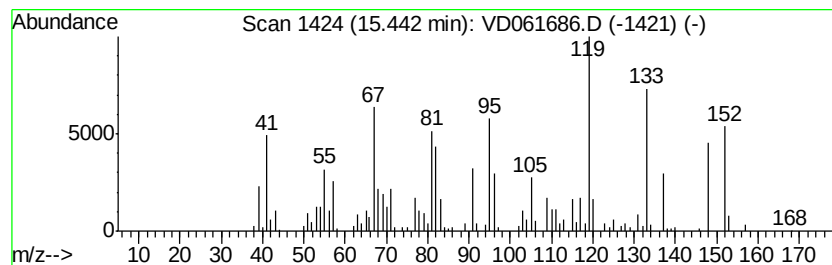
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ClientSampleId :
20190171-COMP-CS-3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown15.44 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	36.13 ug/l	336091	1,4-Dichlorobenzene-d4	14.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, decahydro-2-methyl-	152 C11H20	002958-76-1 49
2		trans-4a-Methyl-decahydronaphtha...	152 C11H20	002547-27-5 46
3		Benzene, 2,4-diethyl-1-methyl-	148 C11H16	001758-85-6 38
4		Decalin, anti-1-methyl-, cis-	152 C11H20	1000158-89-0 30
5		o-Cymene	134 C10H14	000527-84-4 25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040919\
Data File : VD061686.D
Acq On : 9 Apr 2019 20:29
Operator : VA/AP
Sample : K2316-03
Misc : 5.06g/5ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
20190171-COMP-CS-3

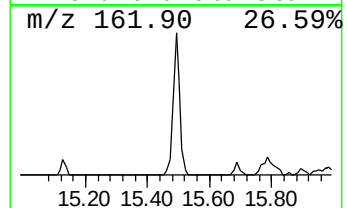
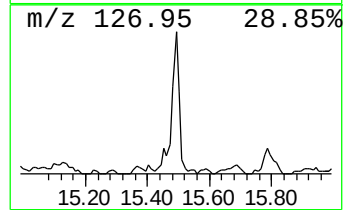
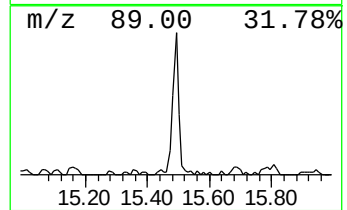
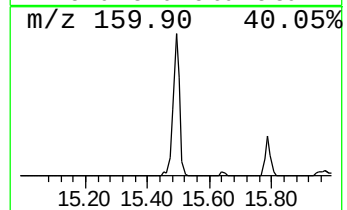
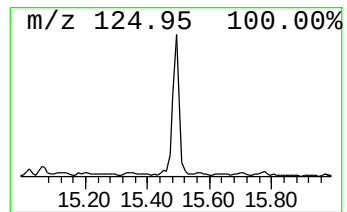
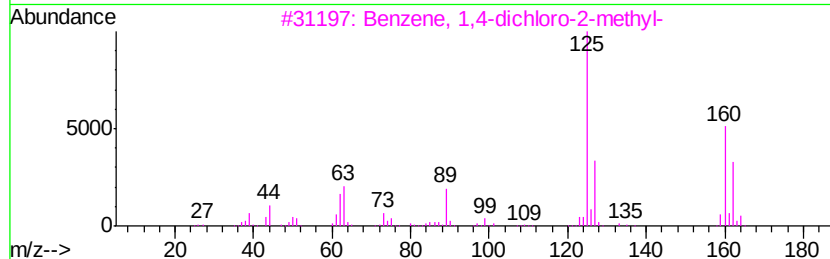
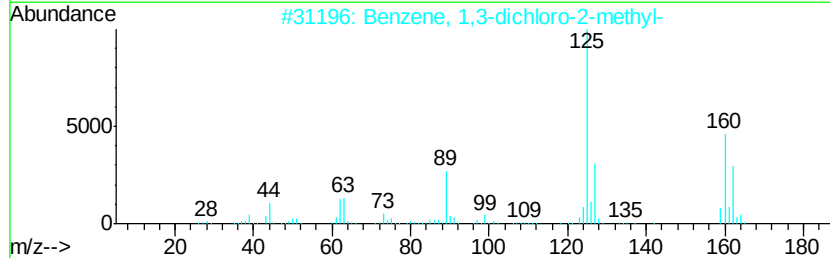
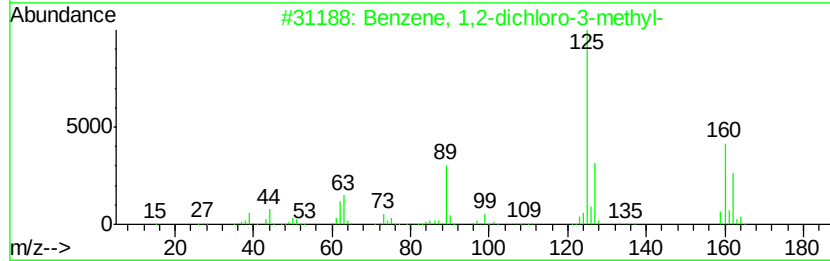
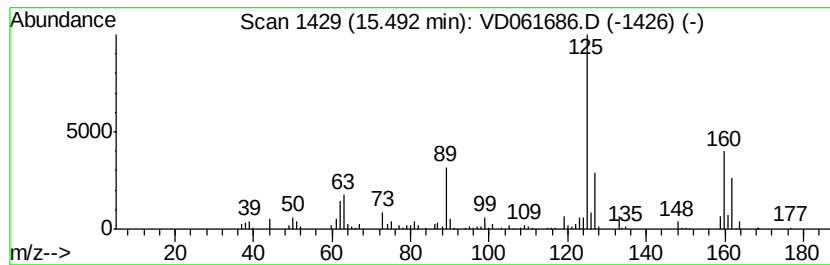
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzene, 1,2-dichloro-3-met... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	48.80 ug/l	453890	1,4-Dichlorobenzene-d4	14.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	98
2		Benzene, 1,3-dichloro-2-methyl-	160	C7H6Cl2	000118-69-4	97
3		Benzene, 1,4-dichloro-2-methyl-	160	C7H6Cl2	019398-61-9	96
4		Benzene, 1,3-dichloro-5-methyl-	160	C7H6Cl2	025186-47-4	95
5		Benzene, 2,4-dichloro-1-methyl-	160	C7H6Cl2	000095-73-8	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040919\
Data File : VD061686.D
Acq On : 9 Apr 2019 20:29
Operator : VA/AP
Sample : K2316-03
Misc : 5.06g/5ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
20190171-COMP-CS-3

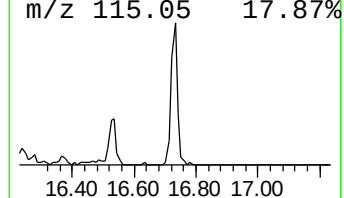
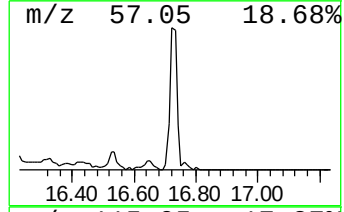
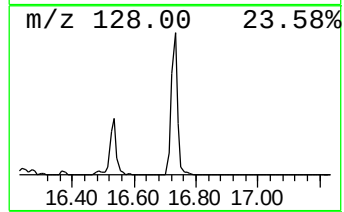
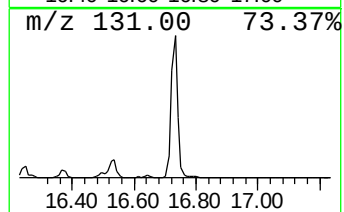
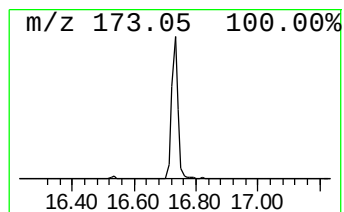
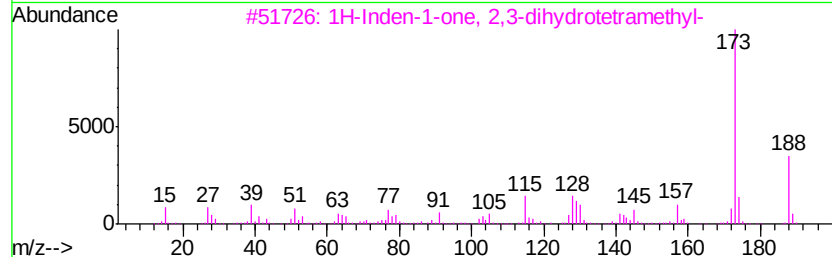
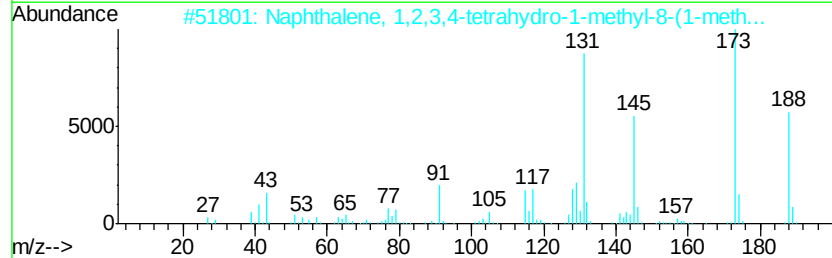
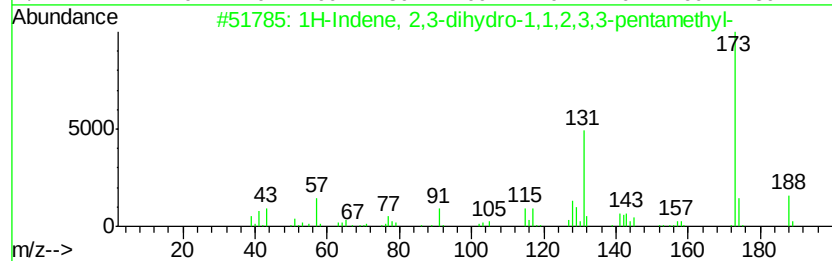
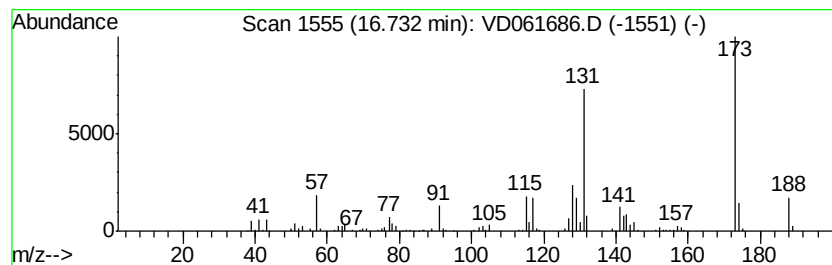
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	80.50 ug/l	748765	1,4-Dichlorobenzene-d4	14.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,1,2,3,3...	188	C14H20	001203-17-4	97
2		Naphthalene, 1,2,3,4-tetrahydro-...	188	C14H20	081603-43-2	56
3		1H-Inden-1-one, 2,3-dihydro-1,1,2,3,3...	188	C13H16O	089907-33-5	49
4		1H-Inden-1-one, 2,3-dihydro-3,3,...	188	C13H16O	054789-23-0	46
5		1H-Inden-1-one, 2,3-dihydro-3,3,...	188	C13H16O	054789-22-9	43



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD040919\
Data File : VD061686.D
Acq On : 9 Apr 2019 20:29
Operator : VA/AP
Sample : K2316-03
Misc : 5.06g/5ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
20190171-COMP-CS-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Pentane, 2,3,4-tr...	13.48	82.4	ug/l	766697	4	14.54	465064	50.0
Benzene, 1-bromo-...	13.57	84.8	ug/l	788881	4	14.54	465064	50.0
unknown14.02	14.02	29.9	ug/l	278324	4	14.54	465064	50.0
unknown14.64	14.64	50.0	ug/l	465446	4	14.54	465064	50.0
Benzene, 1-etheny...	14.72	26.2	ug/l	244034	4	14.54	465064	50.0
Undecane	14.90	54.0	ug/l	502053	4	14.54	465064	50.0
unknown15.44	15.44	36.1	ug/l	336091	4	14.54	465064	50.0
Benzene, 1,2-dich...	15.49	48.8	ug/l	453890	4	14.54	465064	50.0
1H-Indene, 2,3-di...	16.73	80.5	ug/l	748765	4	14.54	465064	50.0