

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060818\
 Data File : VD058047.D
 Acq On : 9 Jun 2018 6:51
 Operator : VA/AP
 Sample : J3353-02
 Misc : 6.49g/5ml/MSVOA D/SOIL
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EPE-109-1(55-57)

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\82D060618S.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	1.227	93	102	106	rBV2	717276	2619072	100.00%	21.092%
2	3.078	285	290	294	rBV3	12426	32517	1.24%	0.262%
3	4.830	463	468	475	rBV2	9949	34572	1.32%	0.278%
4	5.313	513	517	526	rBV	18911	55695	2.13%	0.449%
5	5.539	533	540	545	rBV	168086	464075	17.72%	3.737%
6	5.638	545	550	562	rVB	146305	428996	16.38%	3.455%
7	6.012	583	588	598	rBV	187149	487094	18.60%	3.923%
8	6.681	650	656	665	rBV	250049	603669	23.05%	4.861%
9	8.699	855	861	868	rBV	369278	827830	31.61%	6.667%
10	9.467	935	939	949	rVB2	11470	35427	1.35%	0.285%
11	10.491	1038	1043	1048	rVB3	13148	36459	1.39%	0.294%
12	10.629	1052	1057	1059	rBV2	14937	31597	1.21%	0.254%
13	10.678	1059	1062	1068	rVB	470408	818386	31.25%	6.591%
14	11.042	1096	1099	1101	rVV	15270	27241	1.04%	0.219%
15	11.091	1101	1104	1109	rVB	74921	115685	4.42%	0.932%
16	11.357	1127	1131	1135	rBV2	28976	65156	2.49%	0.525%
17	11.446	1138	1140	1145	rVV	19583	36302	1.39%	0.292%
18	11.584	1152	1154	1157	rVV2	33351	47409	1.81%	0.382%
19	11.672	1160	1163	1170	rVV3	38473	89884	3.43%	0.724%
20	11.859	1176	1182	1184	rBV2	24346	55151	2.11%	0.444%
21	11.928	1184	1189	1195	rVV2	586673	998570	38.13%	8.042%
22	12.046	1198	1201	1203	rVV	63897	97043	3.71%	0.782%
23	12.086	1203	1205	1209	rVV	42711	71028	2.71%	0.572%
24	12.194	1212	1216	1220	rBV3	12224	30103	1.15%	0.242%
25	12.302	1220	1227	1229	rVV5	36560	87787	3.35%	0.707%
26	12.351	1229	1232	1236	rVV	221011	314112	11.99%	2.530%
27	12.499	1243	1247	1250	rVV2	24764	53393	2.04%	0.430%
28	12.558	1250	1253	1254	rVV2	19485	33604	1.28%	0.271%
29	12.588	1254	1256	1260	rVV	31630	57305	2.19%	0.461%
30	12.647	1260	1262	1267	rVB3	20379	33415	1.28%	0.269%
31	12.726	1267	1270	1272	rBV3	16974	34569	1.32%	0.278%
32	12.775	1272	1275	1277	rVV4	18382	37428	1.43%	0.301%
33	12.824	1277	1280	1285	rVV3	40601	89738	3.43%	0.723%
34	12.903	1285	1288	1291	rVV	738392	975576	37.25%	7.856%

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Instrument :
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Integration Parameters: RTEINT.P

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

Filtering: 5
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 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	12.952	1291	1293	1294	rVV	30536	38835	1.48%	0.313%
36	12.982	1294	1296	1299	rVV	36115	57546	2.20%	0.463%
37	13.050	1301	1303	1309	rVB3	28851	45820	1.75%	0.369%
38	13.188	1315	1317	1321	rBV2	30570	52418	2.00%	0.422%
39	13.287	1325	1327	1330	rVV	132806	172424	6.58%	1.389%
40	13.434	1336	1342	1345	rBV5	21142	63702	2.43%	0.513%
41	13.523	1345	1351	1355	rVB4	23531	62097	2.37%	0.500%
42	13.671	1364	1366	1369	rBV3	43225	56849	2.17%	0.458%
43	13.720	1369	1371	1374	rBV2	35823	53593	2.05%	0.432%
44	13.769	1374	1376	1377	rBV	21509	28228	1.08%	0.227%
45	13.799	1377	1379	1383	rVB3	29492	57369	2.19%	0.462%
46	13.858	1383	1385	1388	rVB2	30589	36740	1.40%	0.296%
47	14.055	1402	1405	1408	rBV	224763	311783	11.90%	2.511%
48	14.094	1408	1409	1411	rVV2	37655	33113	1.26%	0.267%
49	14.153	1411	1415	1417	rVV2	42976	68288	2.61%	0.550%
50	14.202	1417	1420	1424	rVB3	78972	144616	5.52%	1.165%
51	14.271	1424	1427	1429	rVB2	28182	43580	1.66%	0.351%
52	14.320	1429	1432	1435	rBV3	17239	39771	1.52%	0.320%
53	14.429	1439	1443	1445	rVV2	54027	102998	3.93%	0.829%
54	14.478	1445	1448	1449	rVV2	47827	105541	4.03%	0.850%
55	14.498	1449	1450	1453	rVV2	80101	125515	4.79%	1.011%
56	14.547	1453	1455	1458	rVV3	103218	169639	6.48%	1.366%
57	14.596	1458	1460	1467	rVB7	33996	97009	3.70%	0.781%
58	14.724	1471	1473	1476	rVV	253387	311346	11.89%	2.507%
59	14.793	1478	1480	1483	rVV3	34386	56585	2.16%	0.456%
60	14.950	1495	1496	1500	rVV4	31757	63283	2.42%	0.510%
61	15.029	1502	1504	1505	rVV2	25331	40261	1.54%	0.324%
62	15.088	1508	1510	1512	rVV	59839	80529	3.07%	0.649%
63	15.118	1512	1513	1515	rVV2	22201	34484	1.32%	0.278%
64	15.344	1533	1536	1540	rBV2	23379	37620	1.44%	0.303%

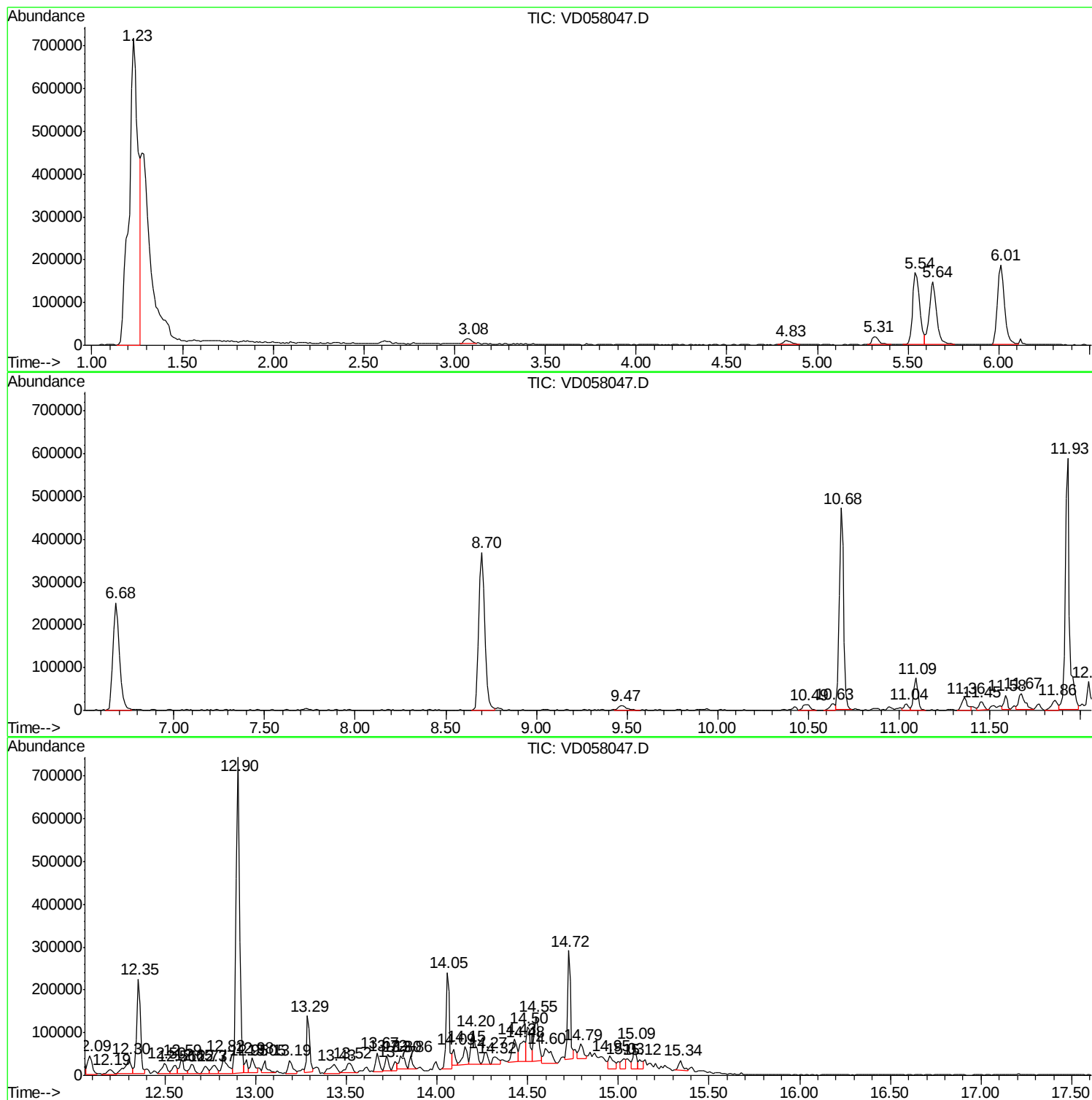
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Quant Title : SW846 8260

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



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ALS Vial : 66 Sample Multiplier: 1

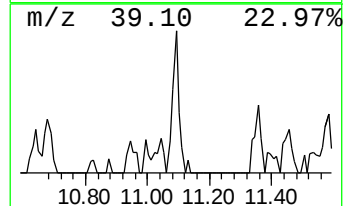
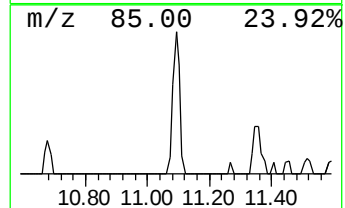
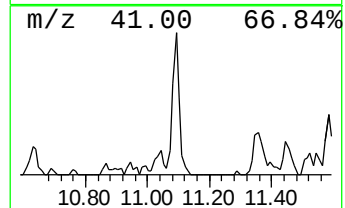
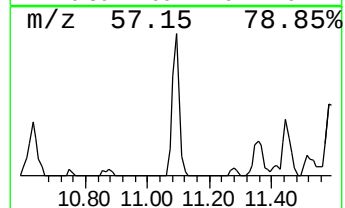
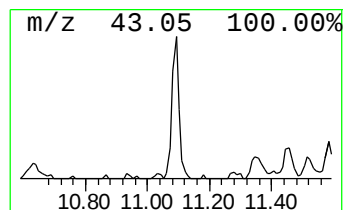
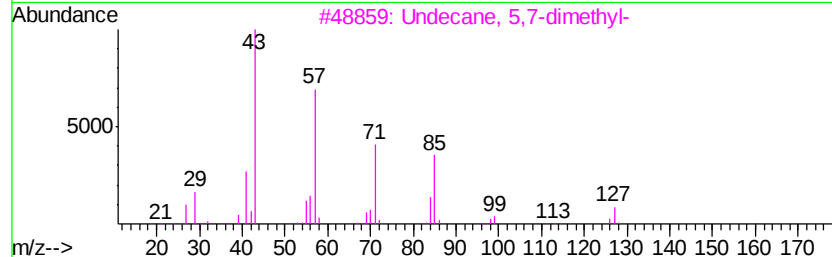
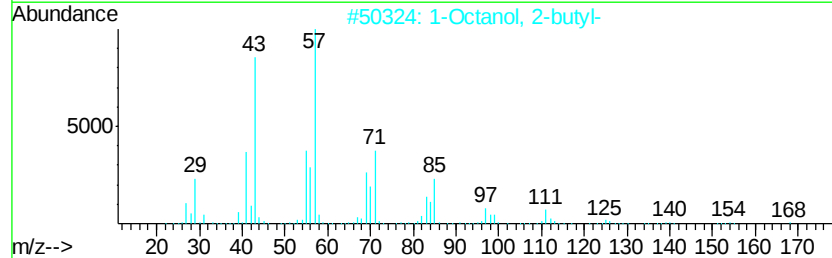
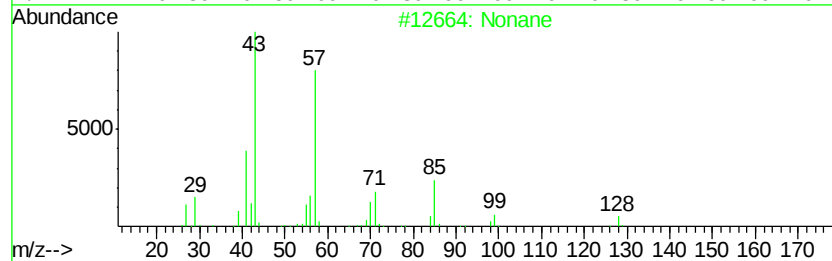
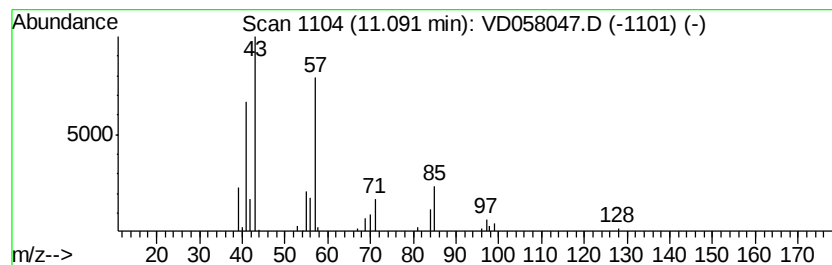
Instrument :
MSVOA_D
ClientSampleId :
EPE-109-1(55-57)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
Quant Title : SW846 8260

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

Peak Number 2 Nonane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	7.07 ug/l	115685	Chlorobenzene-d5	10.68
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonane		128 C9H20	000111-84-2 78
2	1-Octanol, 2-butyl-		186 C12H26O	003913-02-8 72
3	Undecane, 5,7-dimethyl-		184 C13H28	017312-83-3 64
4	Undecane, 5,6-dimethyl-		184 C13H28	017615-91-7 59
5	Decane, 2,5,6-trimethyl-		184 C13H28	062108-23-0 53



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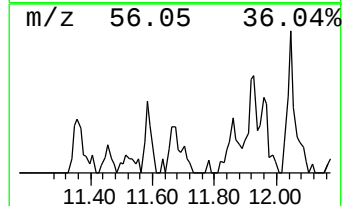
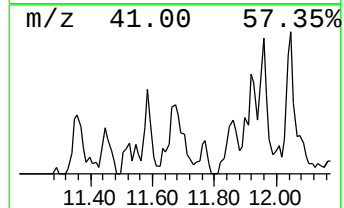
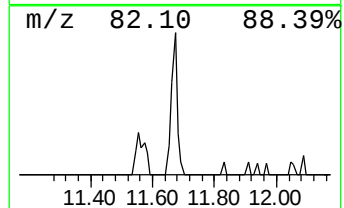
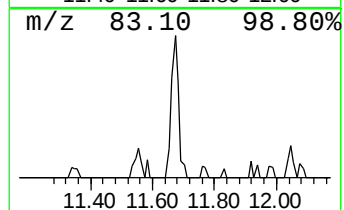
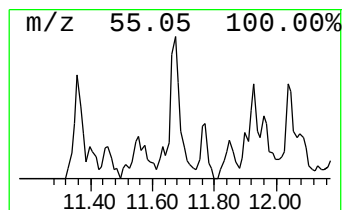
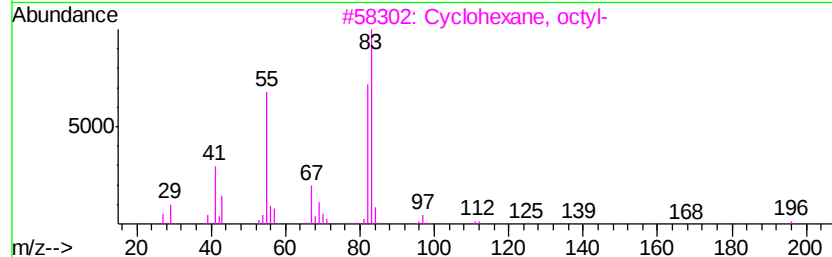
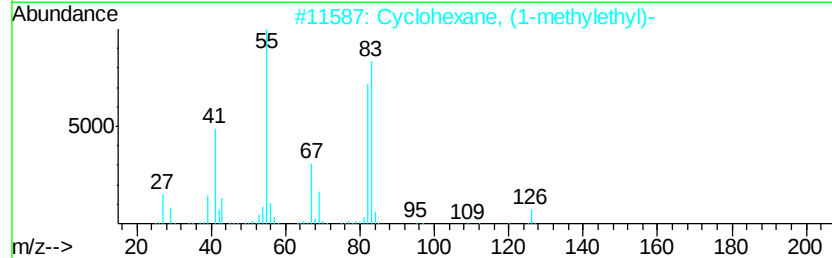
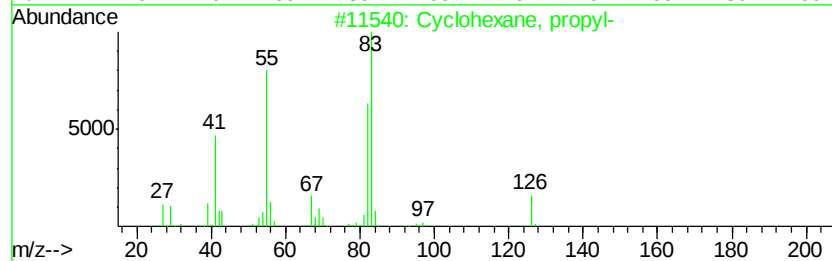
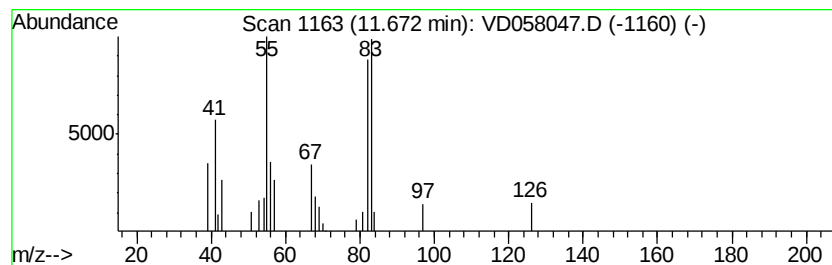
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
Quant Title : SW846 8260

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

Peak Number 3 Cyclohexane, propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	5.49 ug/l	89884	Chlorobenzene-d5	10.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, propyl-	126	C9H18	001678-92-8	86
2		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	83
3		Cyclohexane, octyl-	196	C14H28	001795-15-9	72
4		Cyclohexane, undecyl-	238	C17H34	054105-66-7	64
5		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	59



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Misc : 6.49g/5ml/MSVOA D/SOIL
ALS Vial : 66 Sample Multiplier: 1

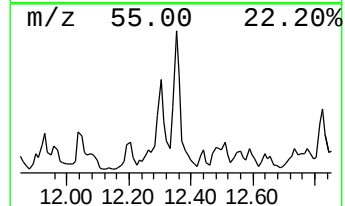
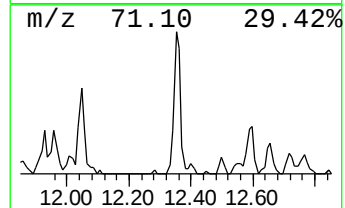
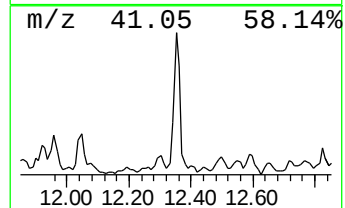
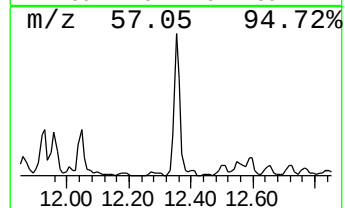
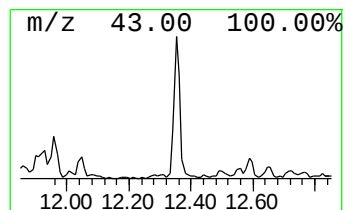
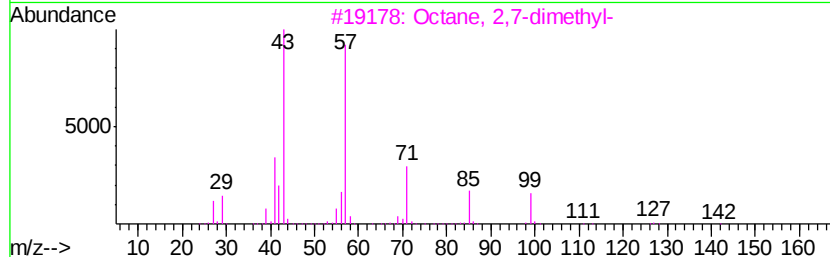
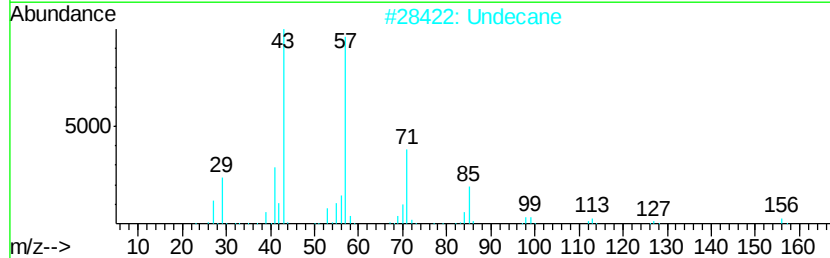
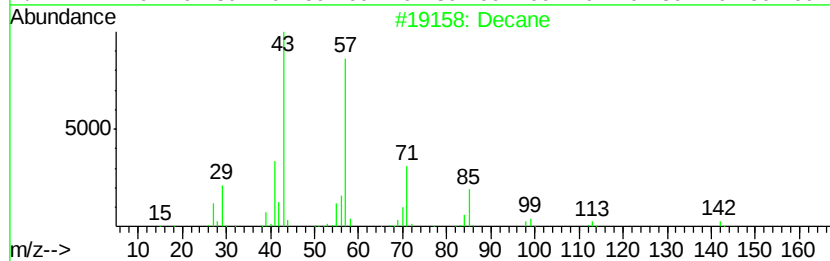
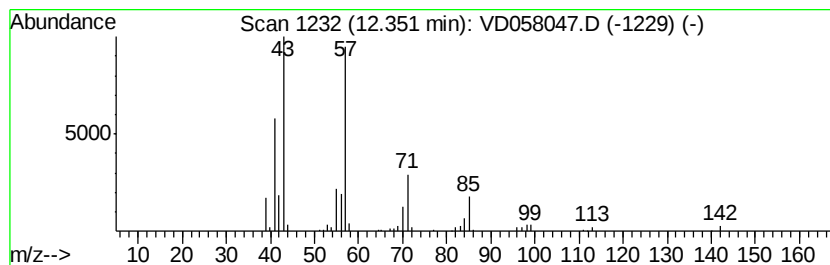
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Decane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	16.10 ug/l	314112	1,4-Dichlorobenzene-d4	12.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane		142 C10H22	000124-18-5 94
2	Undecane		156 C11H24	001120-21-4 72
3	Octane, 2,7-dimethyl-		142 C10H22	001072-16-8 64
4	Oxalic acid, isohexyl pentyl ester		244 C13H24O4	1000309-32-8 64
5	Octane		114 C8H18	000111-65-9 64



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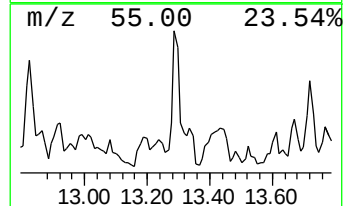
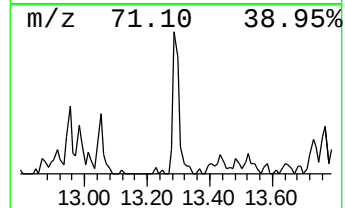
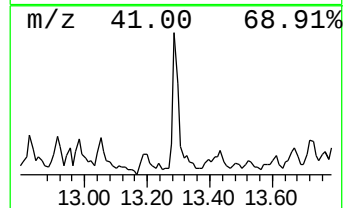
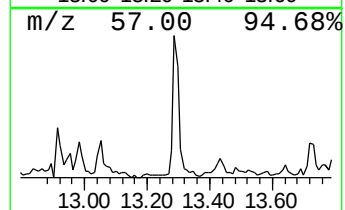
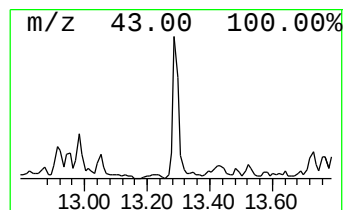
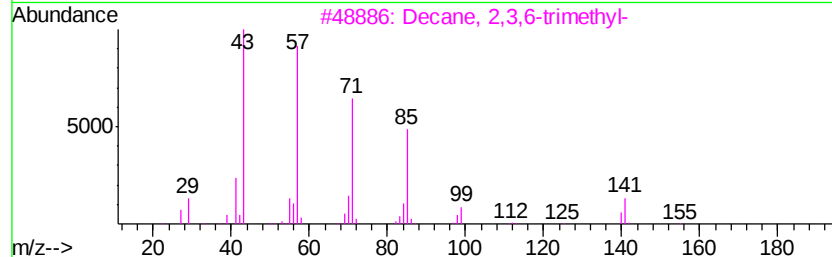
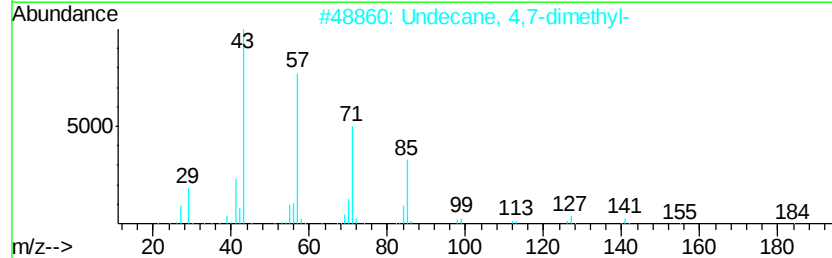
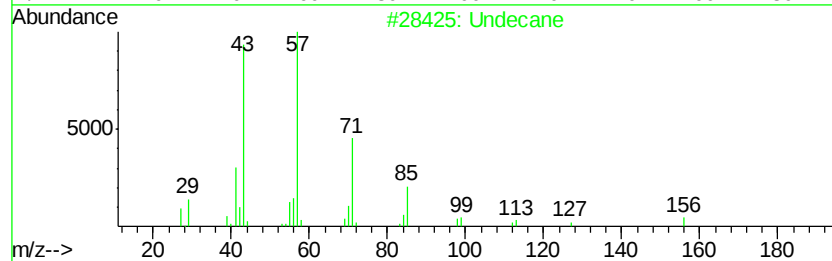
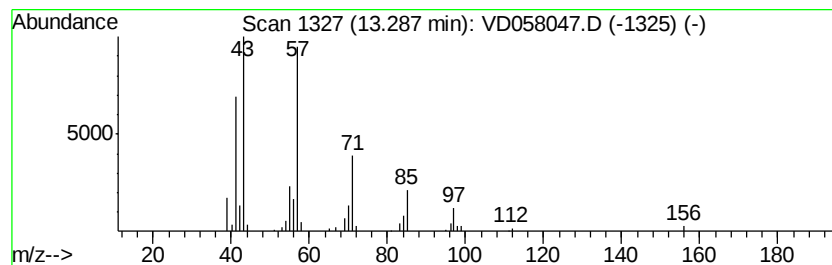
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Undecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.29	8.84 ug/l	172424	1,4-Dichlorobenzene-d4	12.90	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	90
2	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	72
3	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	72
4	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	72
5	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	59



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EPE-109-1(55-57)

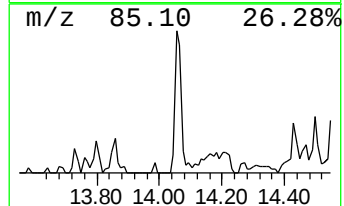
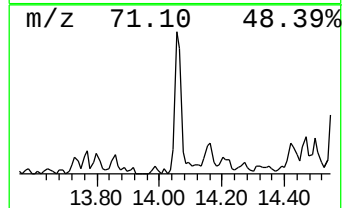
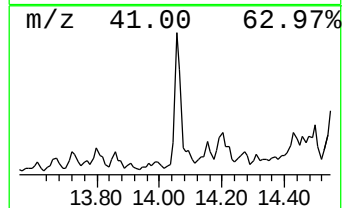
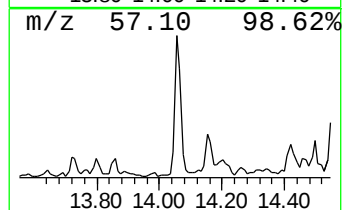
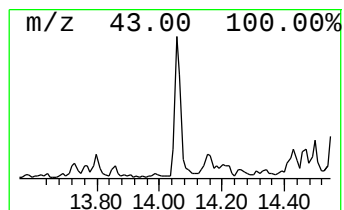
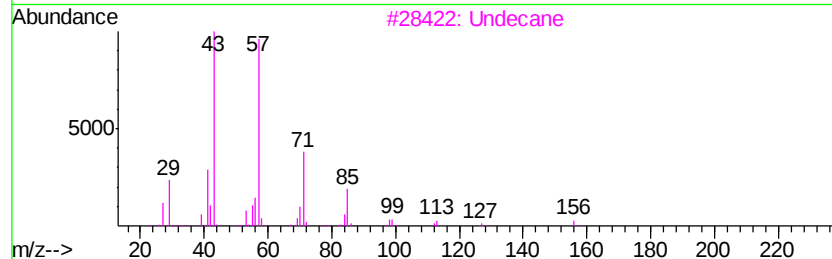
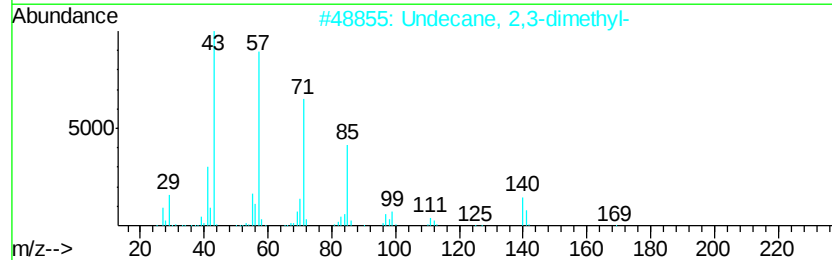
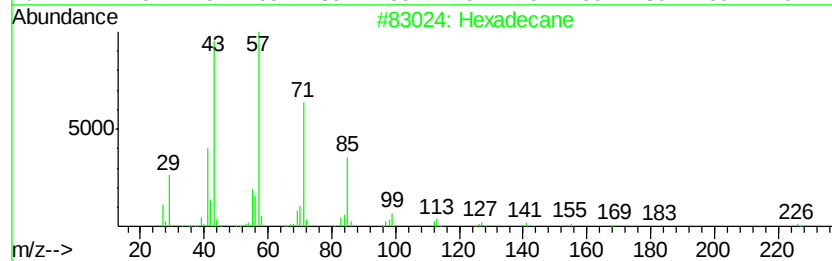
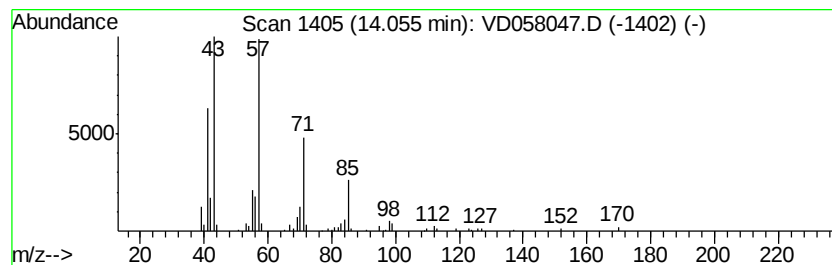
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Quant Title : SW846 8260

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

Peak Number 6 Hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	15.98 ug/l	311783	1,4-Dichlorobenzene-d4	12.90

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	83
2	Undecane, 2,3-dimethyl-		184	C13H28	017312-77-5	83
3	Undecane		156	C11H24	001120-21-4	83
4	Dodecane		170	C12H26	000112-40-3	83
5	Decane, 2,3,6-trimethyl-		184	C13H28	062238-12-4	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD060818\
Data File : VD058047.D
Acq On : 9 Jun 2018 6:51
Operator : VA/AP
Sample : J3353-02
Misc : 6.49g/5ml/MSVOA D/SOIL
ALS Vial : 66 Sample Multiplier: 1

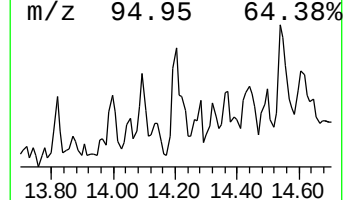
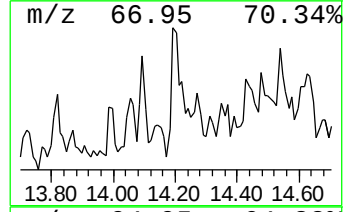
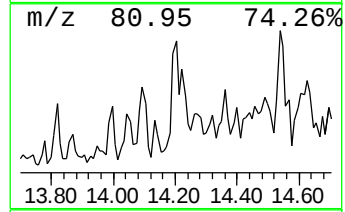
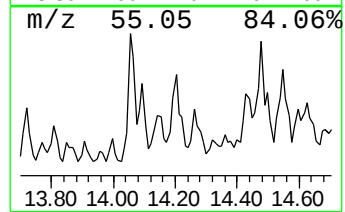
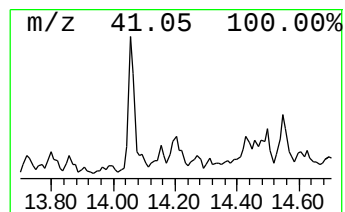
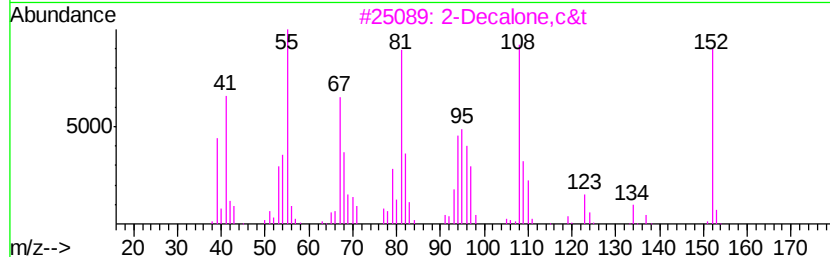
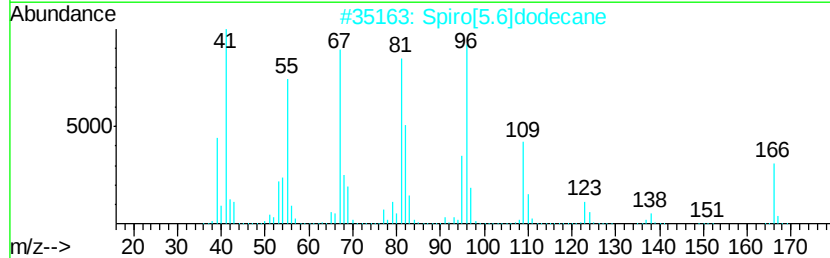
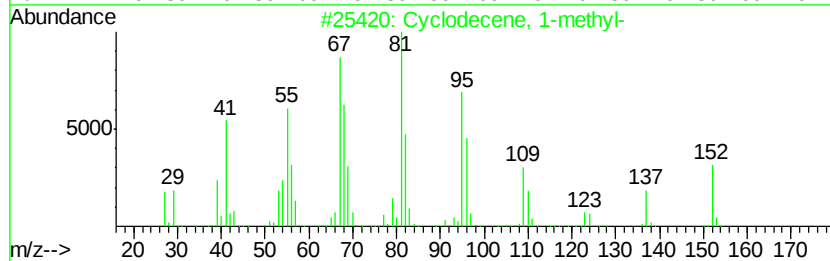
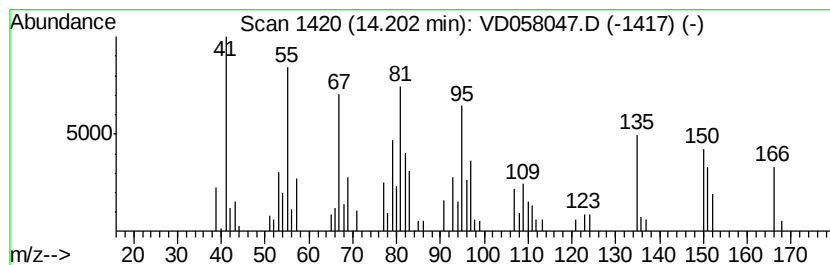
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ClientSampleID :
EPE-109-1(55-57)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
Quant Title : SW846 8260

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

Peak Number 7 Cyclodecene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	7.41 ug/l	144616	1,4-Dichlorobenzene-d4	12.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclodecene, 1-methyl-	152 C11H20	066633-38-3 50
2		Spiro[5.6]dodecane	166 C12H22	000181-15-7 46
3		2-Decalone,c&t	152 C10H16O	004832-17-1 45
4		Naphthalene, decahydro-1,5-dimet...	166 C12H22	066552-62-3 43
5		trans,trans-1,6-Dimethylspiro[4....	166 C12H22	1000111-72-1 43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD060818\
Data File : VD058047.D
Acq On : 9 Jun 2018 6:51
Operator : VA/AP
Sample : J3353-02
Misc : 6.49g/5ml/MSVOA D/SOIL
ALS Vial : 66 Sample Multiplier: 1

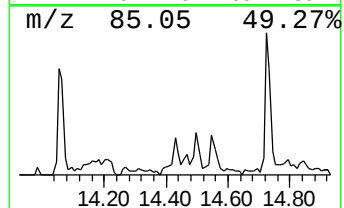
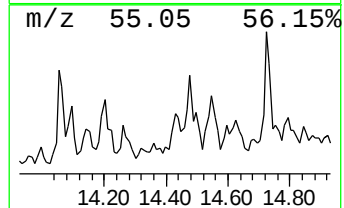
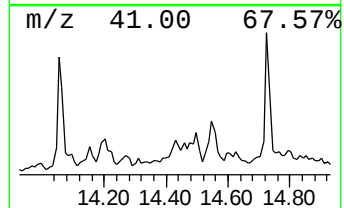
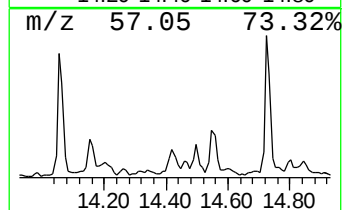
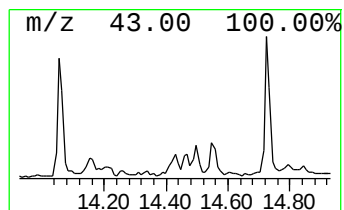
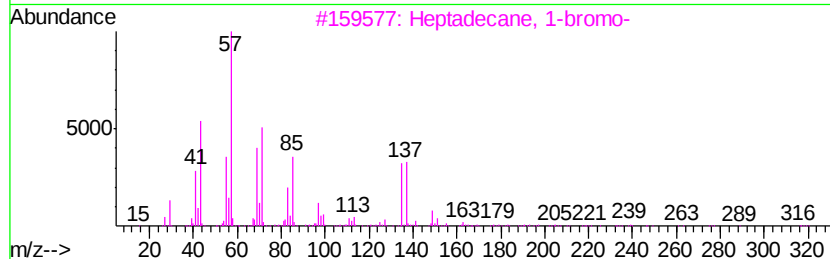
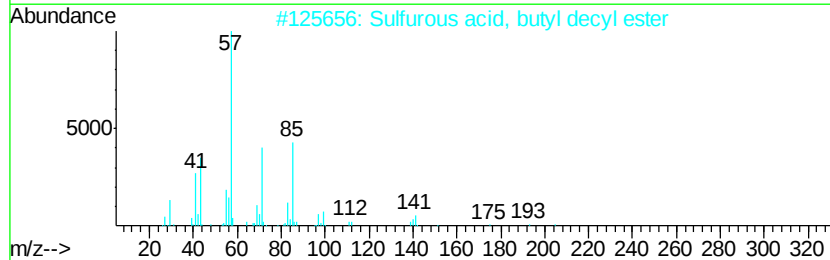
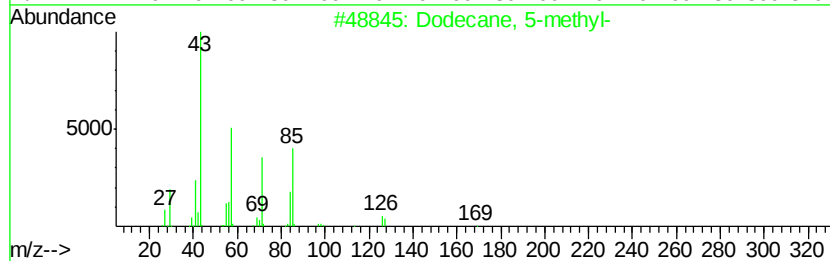
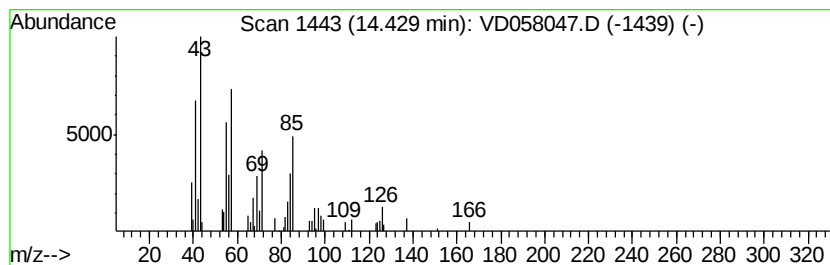
Instrument :
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ClientSampleId :
EPE-109-1(55-57)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
Quant Title : SW846 8260

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

Peak Number 8 Dodecane, 5-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	5.28 ug/l	102998	1,4-Dichlorobenzene-d4	12.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane, 5-methyl-	184 C13H28	017453-93-9	59
2	Sulfurous acid, butyl decyl ester	278 C14H30O3S	1000309-17-7	47
3	Heptadecane, 1-bromo-	318 C17H35Br	003508-00-7	43
4	Hexadecane, 1-bromo-	304 C16H33Br	000112-82-3	43
5	Tridecane, 1-bromo-	262 C13H27Br	000765-09-3	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD060818\
Data File : VD058047.D
Acq On : 9 Jun 2018 6:51
Operator : VA/AP
Sample : J3353-02
Misc : 6.49g/5ml/MSVOA D/SOIL
ALS Vial : 66 Sample Multiplier: 1

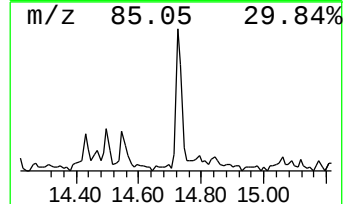
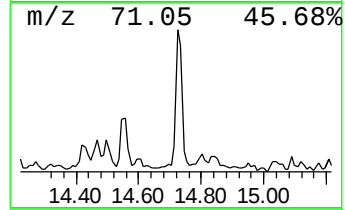
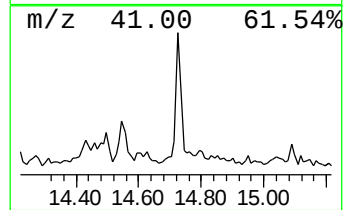
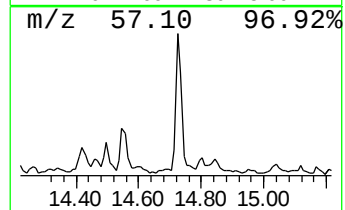
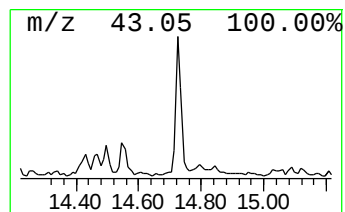
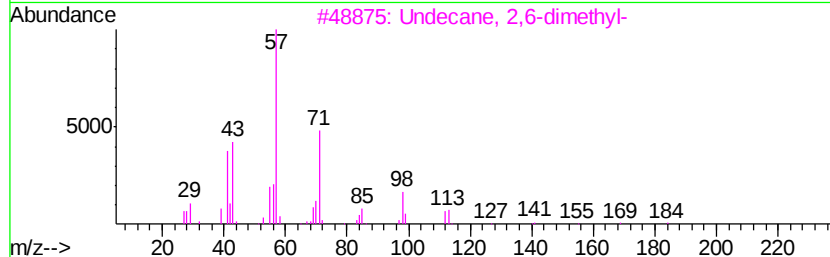
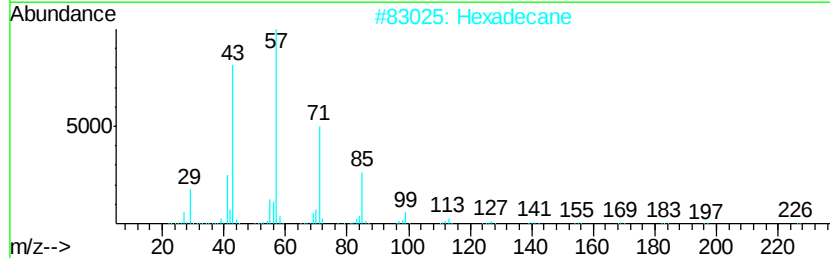
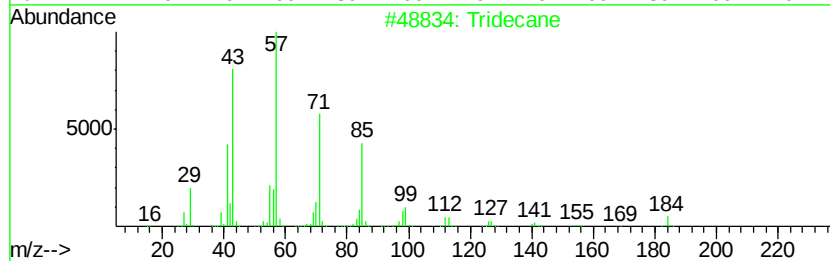
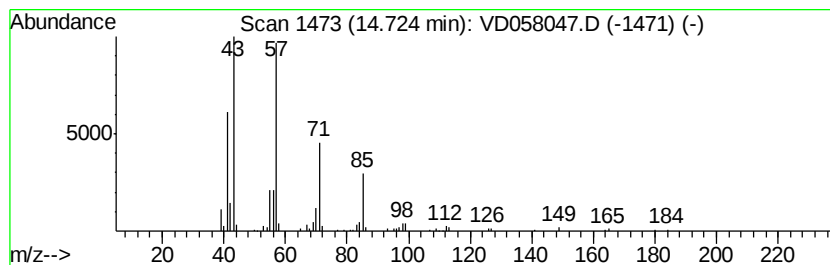
Instrument :
MSVOA_D
ClientSampleId :
EPE-109-1(55-57)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
Quant Title : SW846 8260

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

Peak Number 9 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	15.96 ug/l	311346	1,4-Dichlorobenzene-d4	12.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tridecane	184 C13H28	000629-50-5	95
2	Hexadecane	226 C16H34	000544-76-3	86
3	Undecane, 2,6-dimethyl-	184 C13H28	017301-23-4	76
4	Decane, 2,9-dimethyl-	170 C12H26	001002-17-1	72
5	Dodecane	170 C12H26	000112-40-3	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD060818\
Data File : VD058047.D
Acq On : 9 Jun 2018 6:51
Operator : VA/AP
Sample : J3353-02
Misc : 6.49g/5ml/MSVOA_D/SOIL
ALS Vial : 66 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EPE-109-1(55-57)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.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
Nonane	11.09	7.1	ug/l	115685	3	10.68	818386	50.0
Cyclohexane, propyl-	11.67	5.5	ug/l	89884	3	10.68	818386	50.0
Decane	12.35	16.1	ug/l	314112	4	12.90	975576	50.0
Undecane	13.29	8.8	ug/l	172424	4	12.90	975576	50.0
Hexadecane	14.05	16.0	ug/l	311783	4	12.90	975576	50.0
Cyclodecene, 1-me...	14.20	7.4	ug/l	144616	4	12.90	975576	50.0
Dodecane, 5-methyl-	14.43	5.3	ug/l	102998	4	12.90	975576	50.0
Tridecane	14.72	16.0	ug/l	311346	4	12.90	975576	50.0