LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060319\
Data File : VD062585.D
Acq On : 3 Jun 2019 15:02
Operator : VA/AP
Sample : K3146-01
Misc : 1.01g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : OILY-DEBRI-DRUM

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.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	1.493	4	7	23	rVB	613203	2375749	5.39%	0.790%
2	6.927	550	559	566	rBV	251035	721443	1.64%	0.240%
3	7.045	566	571	585	rVB	372031	1073204	2.43%	0.357%
4	7.459	604	613	623	rBV2	196430	587413	1.33%	0.195%
5	8.217	685	690	708	rBV	452483	1210920	2.75%	0.403%
6	10.412	907	913	920	rBV	367109	846734	1.92%	0.282%
7	12.371	1109	1112	1116	rVB	491900	810691	1.84%	0.270%
8	12.656	1134	1141	1145	rVV	693032	1759148	3.99%	0.585%
9	12.745	1147	1150	1157	rVB	1559349	2704824	6.13%	0.899%
10	13.001	1172	1176	1179	rBV2	379302	886562	2.01%	0.295%
11	13.050	1179	1181	1183	rVB	608927	705720	1.60%	0.235%
12	13.227	1193	1199	1202	rBV	1446627	2609069	5.92%	0.867%
13	13.306	1202	1207	1209	rBV	1099910	2318072	5.26%	0.771%
14	13.336	1209	1210	1215	rVB	910588	933471	2.12%	0.310%
15	13.405	1215	1217	1220	rVB	580265	846179	1.92%	0.281%
16	13.483	1220	1225	1228	rBV2	833082	2172574	4.93%	0.722%
17	13.552	1228	1232	1234	rBV	2439492	4182403	9.48%	1.391%
18	13.582	1234	1235	1237	rVB	1773215	1483227	3.36%	0.493%
19	13.670	1241	1244	1246	rBV	1711854	2435463	5.52%	0.810%
20	13.710	1246	1248	1252	rVB2	1321422	2229374	5.05%	0.741%
21	13.779	1252	1255	1257	rBV	667675	916559	2.08%	0.305%
22	13.848	1257	1262	1264	rBV	3050473	4996005	11.33%	1.661%
23	13.887	1264	1266	1267	rBV	1096356	1406768	3.19%	0.468%
24	13.936	1267	1271	1272	rBV2	2819477	4301444	9.75%	1.430%
25	13.975	1272	1275	1278	rVB	16441122	23666405	53.66%	7.868%
26	14.035	1278	1281	1282	rBV3	415687	643165	1.46%	0.214%
27	14.084	1282	1286	1288	rBV	1921250	3350743	7.60%	1.114%
28	14.123	1288	1290	1292	rVB2	821041	1100175	2.49%	0.366%
29	14.172	1292	1295	1296	rBV2	766935	1191312	2.70%	0.396%
30	14.202	1296	1298	1300	rBV	5616197	7937104	18.00%	2.639%
31	14.241	1300	1302	1309	rVB	12381182	17277172	39.17%	5.744%
32	14.330	1309	1311	1313	rBV	1363922	2291530	5.20%	0.762%
33	14.379	1313	1316	1319	rVB4	2674679	3878916	8.79%	1.290%
34	14.438	1319	1322	1325	rBV	4832404	7497605	17.00%	2.493%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060319\
Data File : VD062585.D
Acq On : 3 Jun 2019 15:02
Operator : VA/AP
Sample : K3146-01
Misc : 1.01g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : OILY-DEBRI-DRUM

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
Title : SW846 8260

35	14.527	1328	1331	1332	rBV	3493860	4338713	9.84%	1.442%
36	14.556	1332	1334	1336	rBV2	8045901	10735700	24.34%	3.569%
37	14.586	1336	1337	1340	rVB	4454758	4787140	10.85%	1.592%
38	14.655	1340	1344	1348	rBV	5490287	6837374	15.50%	2.273%
39	14.714	1348	1350	1351	rBV	1829048	2694559	6.11%	0.896%
40	14.733	1351	1352	1355	rVB	3920179	4262469	9.66%	1.417%
41	14.783	1355	1357	1358	rBV	4825155	6044534	13.70%	2.010%
42	14.812	1358	1360	1363	rVB3	2160429	2727252	6.18%	0.907%
43	14.901	1365	1369	1372	rBV	30098142	44105171	100.00%	14.664%
44	14.950	1372	1374	1376	rVB2	2986713	3773740	8.56%	1.255%
45	14.980	1376	1377	1378	rBV	1520749	1604396	3.64%	0.533%
46	15.029	1378	1382	1384	rBV3	4148027	9376842	21.26%	3.117%
47	15.127	1390	1392	1399	rBV3	4361537	11584120	26.26%	3.851%
48	15.236	1399	1403	1405	rVB4	2972845	6372612	14.45%	2.119%
49	15.285	1405	1408	1410	rBV2	3820679	7204749	16.34%	2.395%
50	15.324	1410	1412	1416	rVV3	8277145	15600806	35.37%	5.187%
51	15.383	1416	1418	1421	rVB2	6404249	8258172	18.72%	2.746%
52	15.432	1421	1423	1426	rBV2	3394776	5572926	12.64%	1.853%
53	15.551	1434	1435	1438	rVV2	526021	864805	1.96%	0.288%
54	15.669	1442	1447	1453	rVV2	7412127	20044079	45.45%	6.664%
55	15.747	1453	1455	1458	rVB2	1930595	2539903	5.76%	0.844%
56	15.807	1458	1461	1466	rVB4	1588800	2909294	6.60%	0.967%
57	15.934	1472	1474	1476	rVB	652707	657807	1.49%	0.219%
58	16.043	1484	1485	1490	rVB4	408450	613247	1.39%	0.204%
59	16.122	1490	1493	1498	rVV	1410543	2482082	5.63%	0.825%
60	16.230	1500	1504	1509	rVV6	322581	986922	2.24%	0.328%
61	16.299	1509	1511	1516	rVB4	191050	454612	1.03%	0.151%

Sum of corrected areas: 300781169

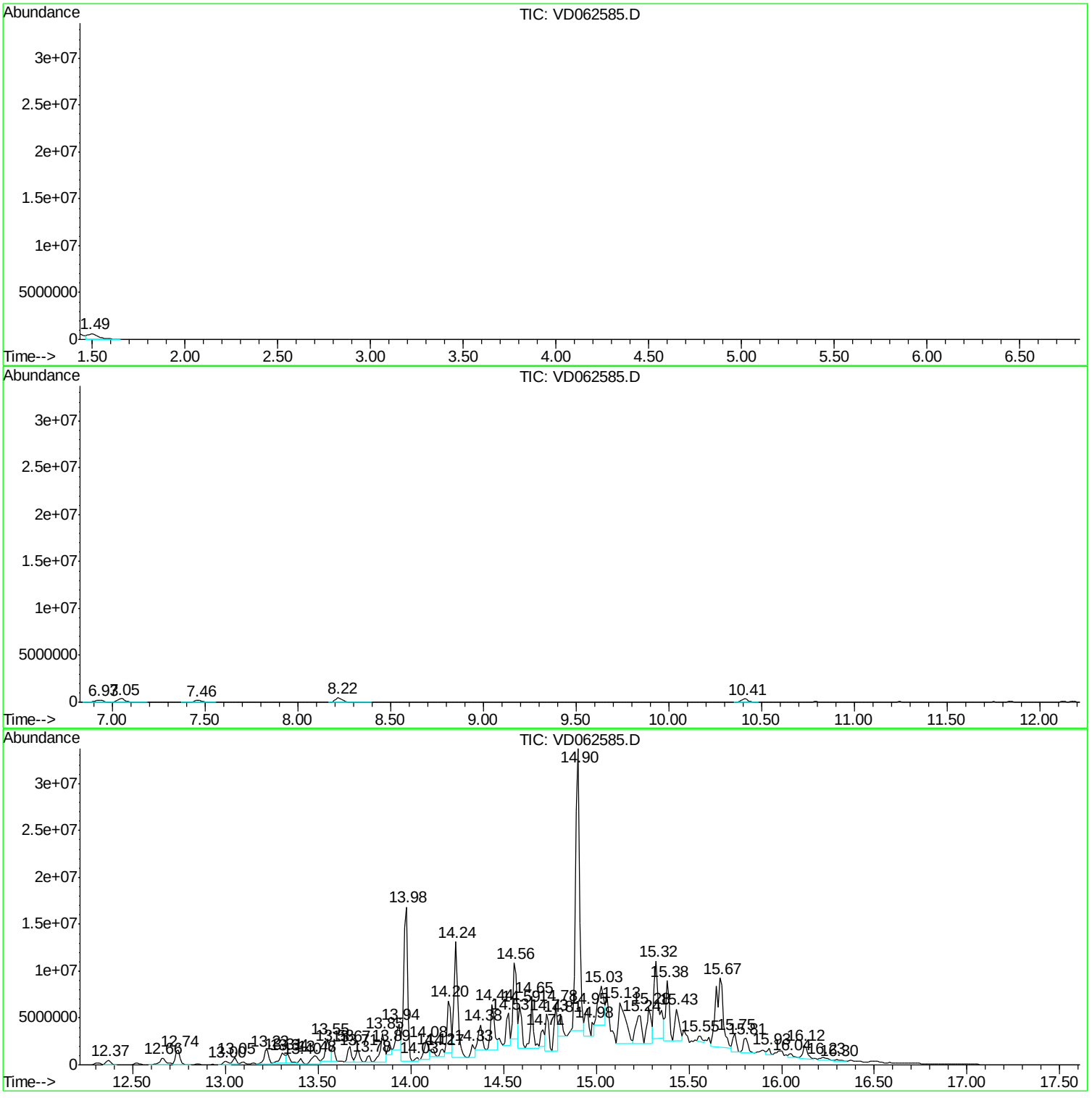
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD060319\
Data File : VD062585.D
Acq On : 3 Jun 2019 15:02
Operator : VA/AP
Sample : K3146-01
Misc : 1.01g/5ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : OILY-DEBRI-DRUM

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060319\
Data File : VD062585.D
Acq On : 3 Jun 2019 15:02
Operator : VA/AP
Sample : K3146-01
Misc : 1.01g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : OILY-DEBRI-DRUM

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
Quant Title : SW846 8260

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

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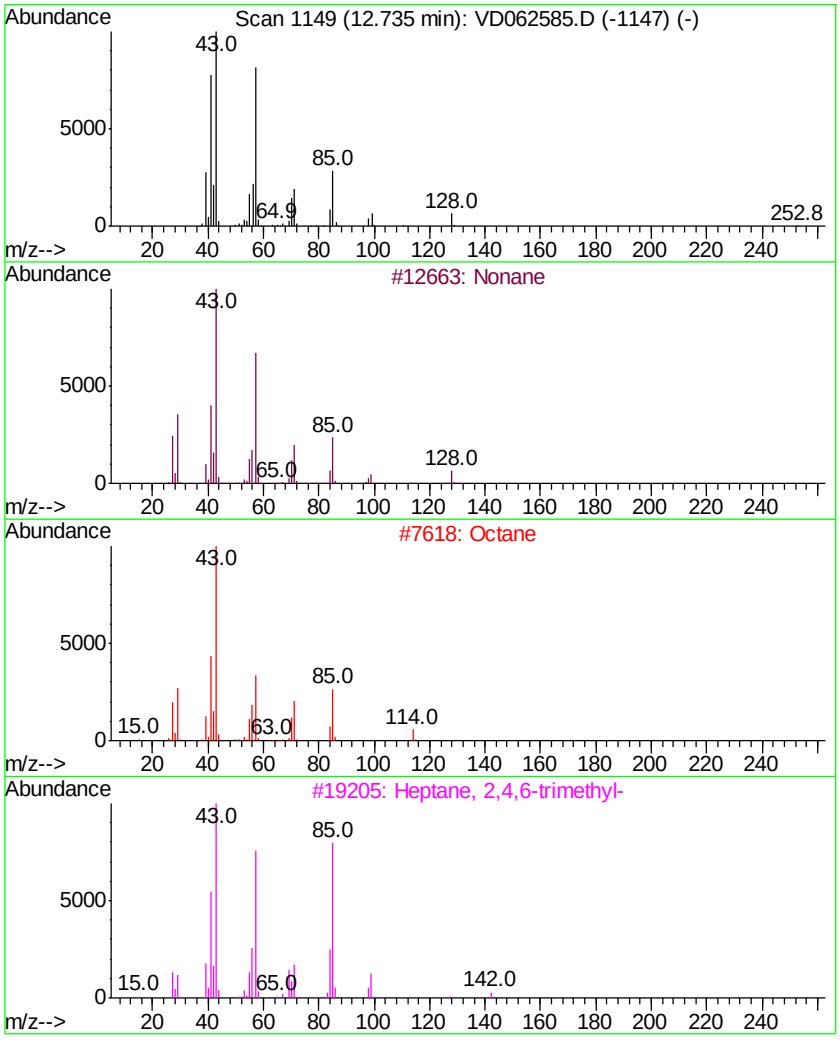
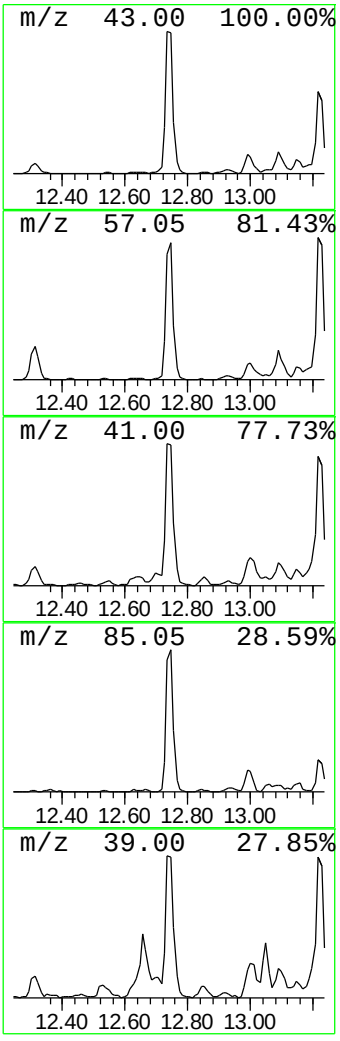
Peak Number 2 Nonane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	166.82 ug/l	2704820	Chlorobenzene-d5	12.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	90
2	Octane	114	C8H18	000111-65-9	53
3	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	53
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	50
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	47





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060319\
Data File : VD062585.D
Acq On : 3 Jun 2019 15:02
Operator : VA/AP
Sample : K3146-01
Misc : 1.01g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : OILY-DEBRI-DRUM

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
Quant Title : SW846 8260

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

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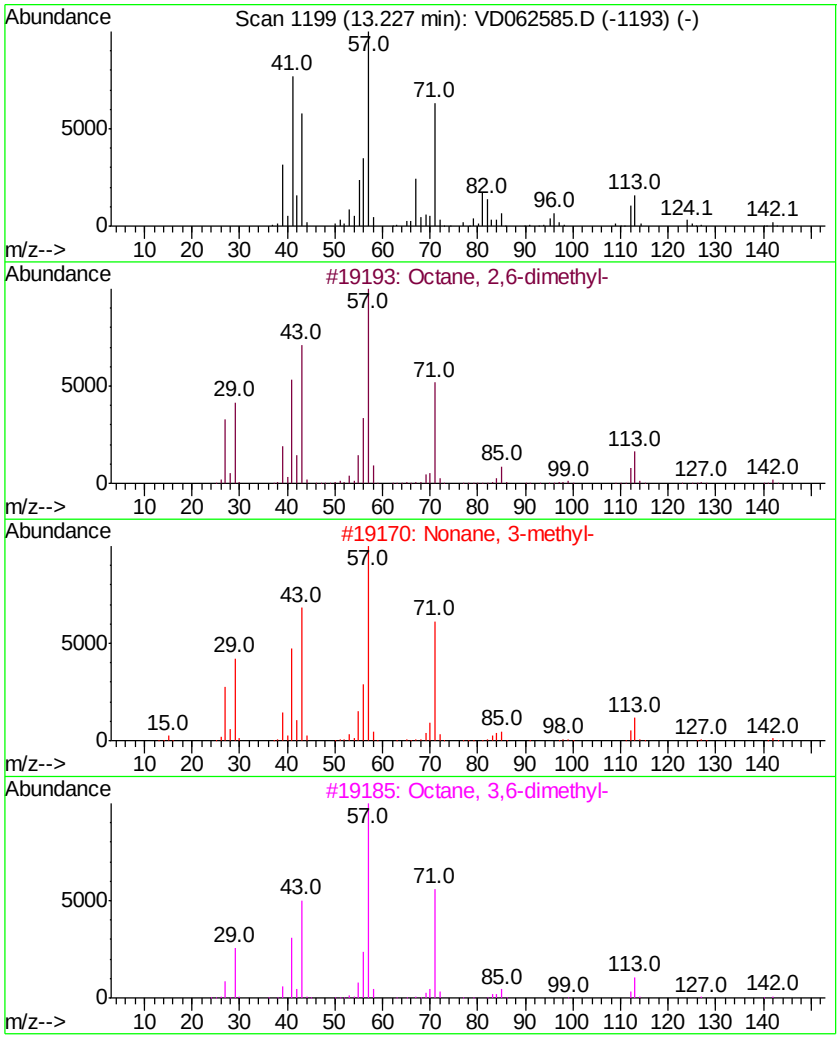
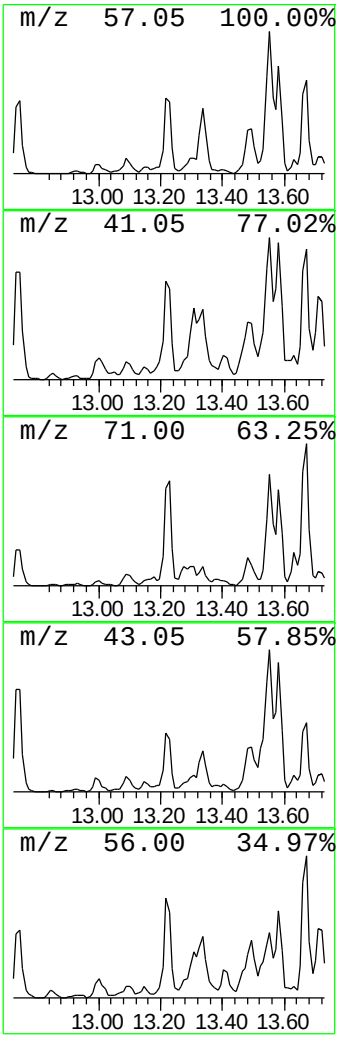
Peak Number 3 Octane, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	160.92 ug/l	2609070	Chlorobenzene-d5	12.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	70
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	68
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
4	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	53
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060319\
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Acq On : 3 Jun 2019 15:02
Operator : VA/AP
Sample : K3146-01
Misc : 1.01g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : OILY-DEBRI-DRUM

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
Quant Title : SW846 8260

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

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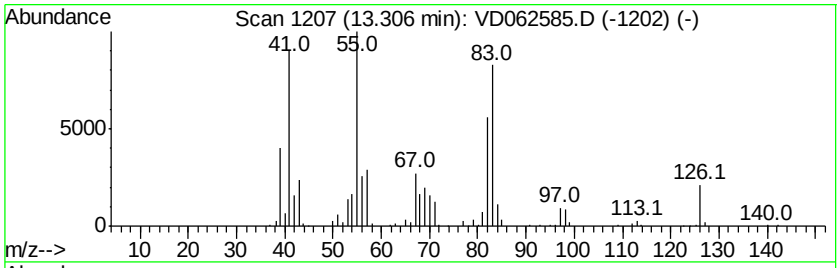
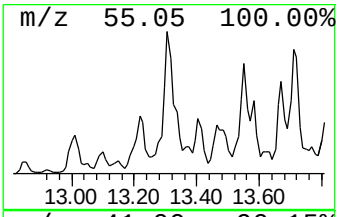
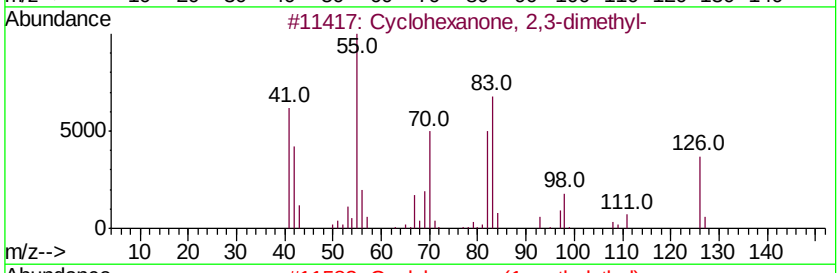
Peak Number 4 Cyclohexanone, 2,3-dimethyl- Concentration Rank 6

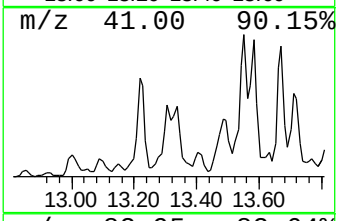
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	142.97 ug/l	2318070	Chlorobenzene-d5	12.37

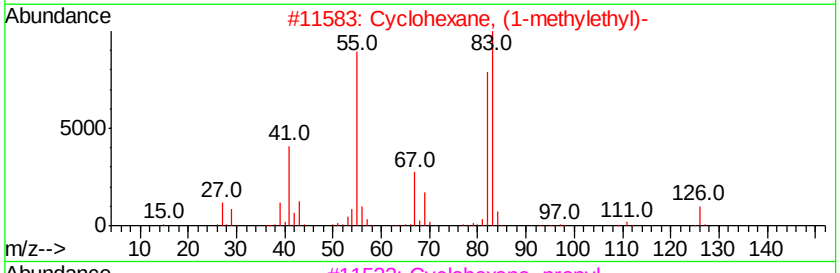
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	78
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	58
4	Cyclopropane, 1,1,2,2-tetramethyl-	98	C7H14	004127-47-3	49
5	Ethanone, 1-cyclohexyl-	126	C8H14O	000823-76-7	49

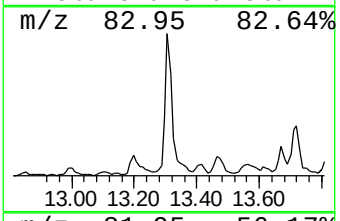


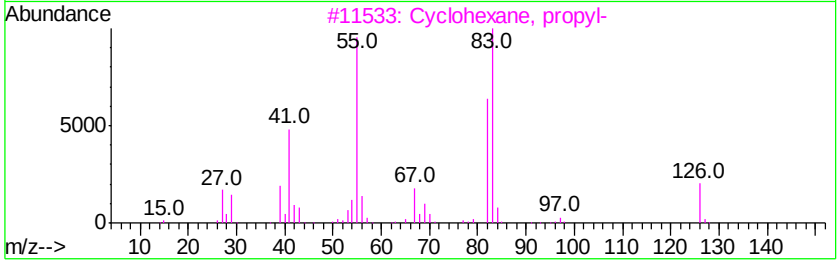


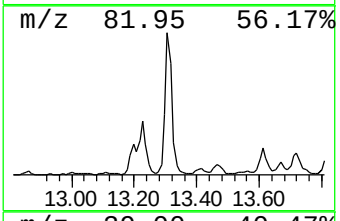


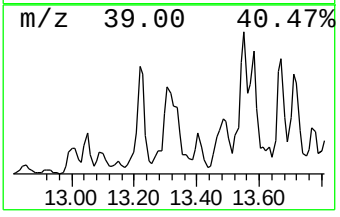












Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060319\
Data File : VD062585.D
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ClientSampleId : OILY-DEBRI-DRUM

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
Quant Title : SW846 8260

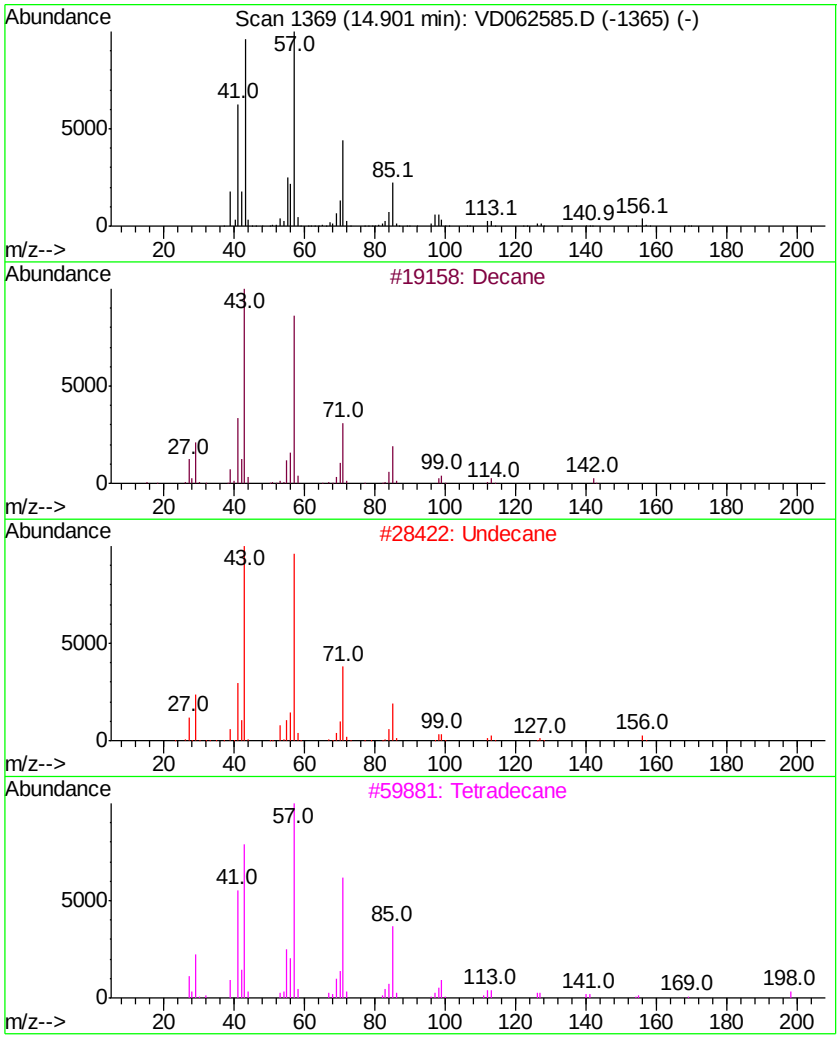
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

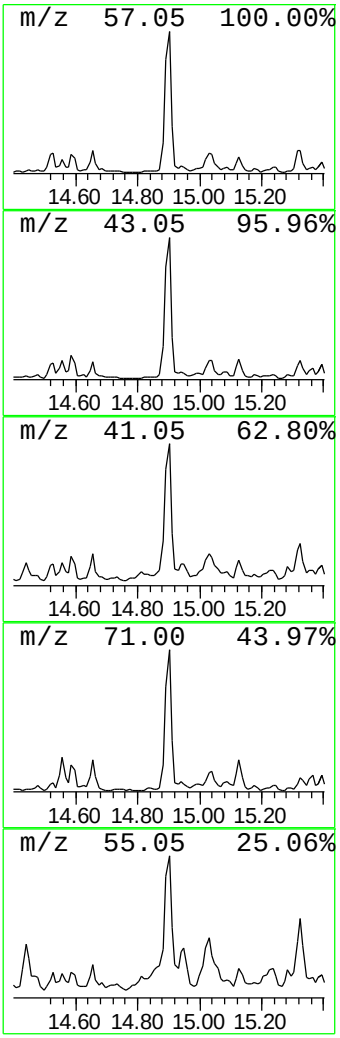
****

Peak Number 5 Decane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	508.28 ug/l	44105200	1,4-Dichlorobenzene-d4	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	90
2	Undecane	156	C11H24	001120-21-4	87
3	Tetradecane	198	C14H30	000629-59-4	78
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72
5	Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	64





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ClientSampleId : OILY-DEBRI-DRUM

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
Quant Title : SW846 8260

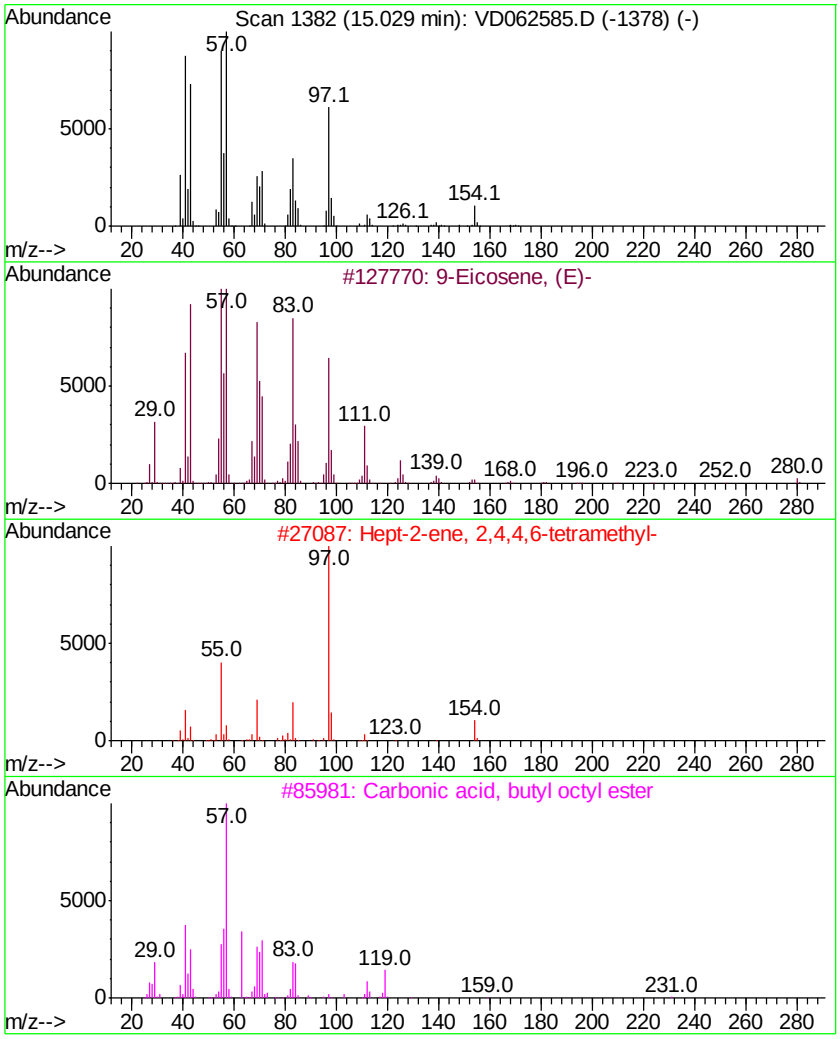
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

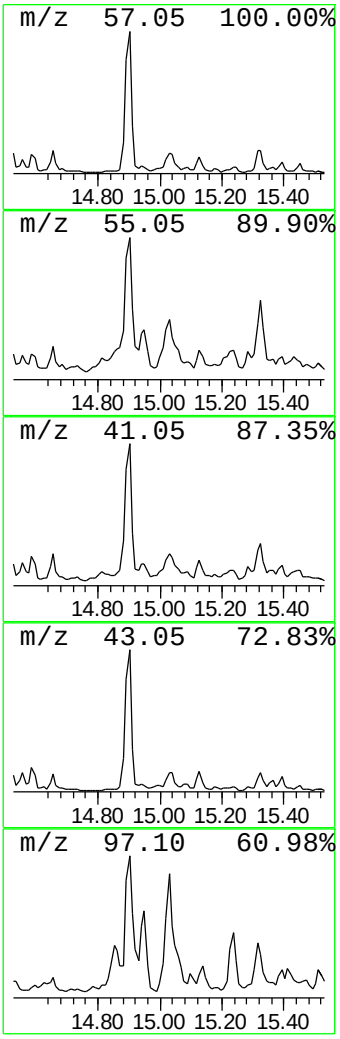
****

Peak Number 6 unknown15.03 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	108.06 ug/l	9376840	1,4-Dichlorobenzene-d4	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-	280	C20H40	074685-29-3	43
2	Hept-2-ene, 2,4,4,6-tetramethyl-	154	C11H22	103982-58-7	38
3	Carbonic acid, butyl octyl ester	230	C13H26O3	1000314-63-5	38
4	Cycloheptane, methyl-	112	C8H16	004126-78-7	38
5	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	30





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060319\
Data File : VD062585.D
Acq On : 3 Jun 2019 15:02
Operator : VA/AP
Sample : K3146-01
Misc : 1.01g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : OILY-DEBRI-DRUM

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
Quant Title : SW846 8260

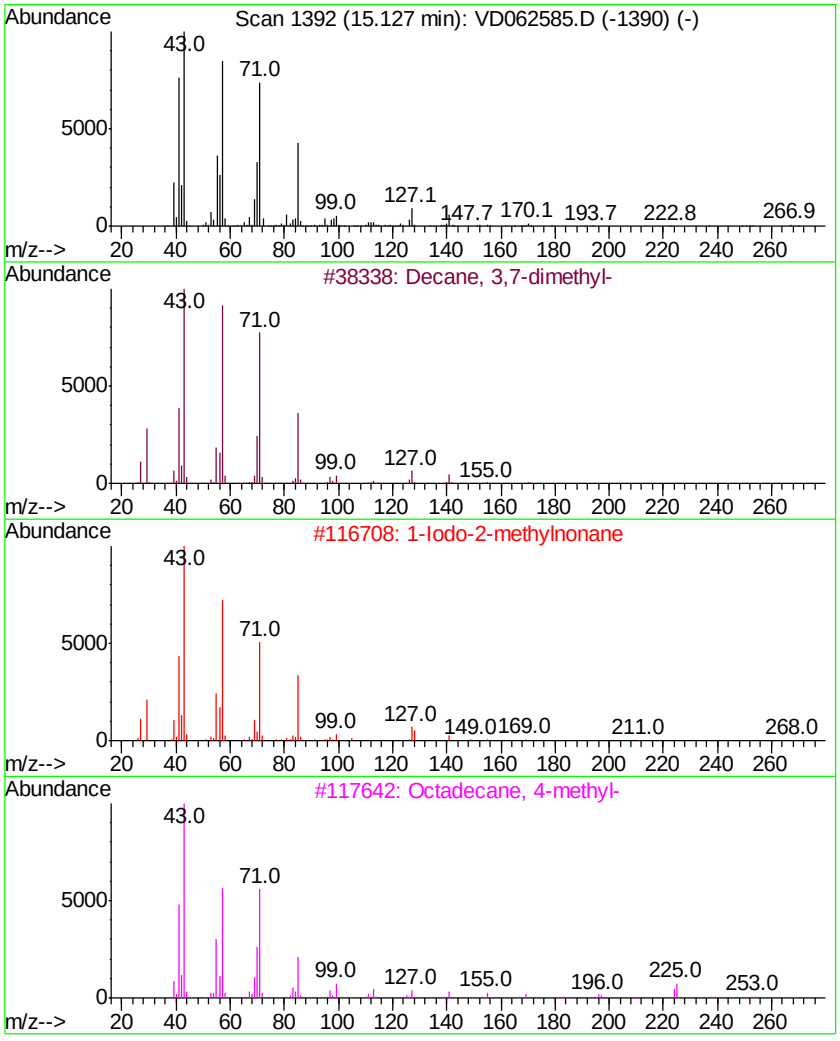
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

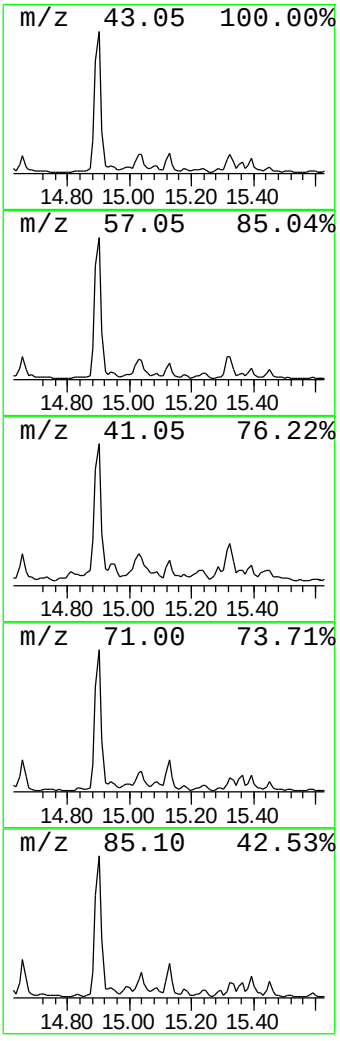
****

Peak Number 7 Decane, 3,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	133.50 ug/l	11584100	1,4-Dichlorobenzene-d4	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	87
2	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	86
3	Octadecane, 4-methyl-	268	C19H40	010544-95-3	72
4	Undecane, 4-methyl-	170	C12H26	002980-69-0	68
5	2-Bromononane	206	C9H19Br	002216-35-5	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060319\
Data File : VD062585.D
Acq On : 3 Jun 2019 15:02
Operator : VA/AP
Sample : K3146-01
Misc : 1.01g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : OILY-DEBRI-DRUM

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
Quant Title : SW846 8260

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

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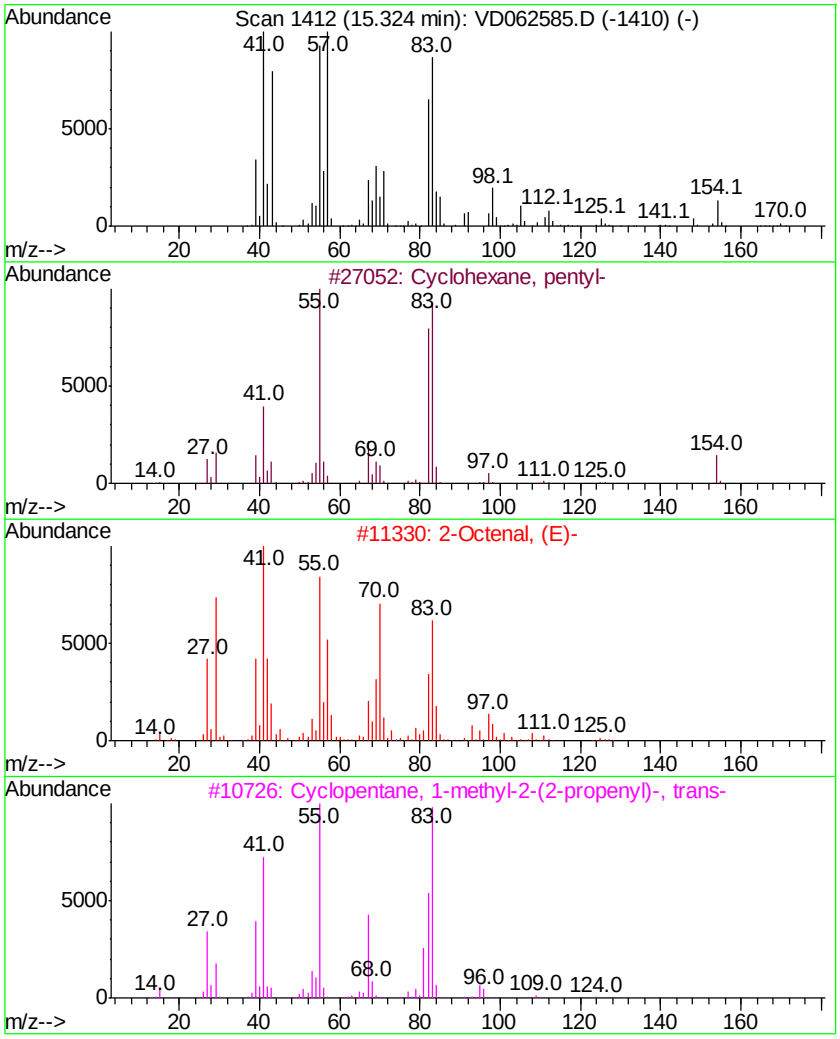
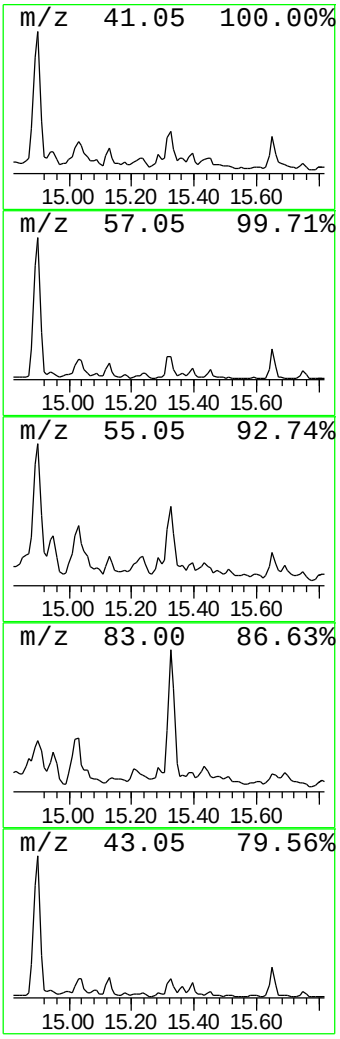
Peak Number 8 Cyclohexane, pentyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	179.79 ug/l	15600800	1,4-Dichlorobenzene-d4	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
2	2-Octenal, (E)-	126	C8H14O	002548-87-0	49
3	Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	43
4	Cyclohexane, methyl-	98	C7H14	000108-87-2	43
5	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060319\
Data File : VD062585.D
Acq On : 3 Jun 2019 15:02
Operator : VA/AP
Sample : K3146-01
Misc : 1.01g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : OILY-DEBRI-DRUM

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
Quant Title : SW846 8260

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

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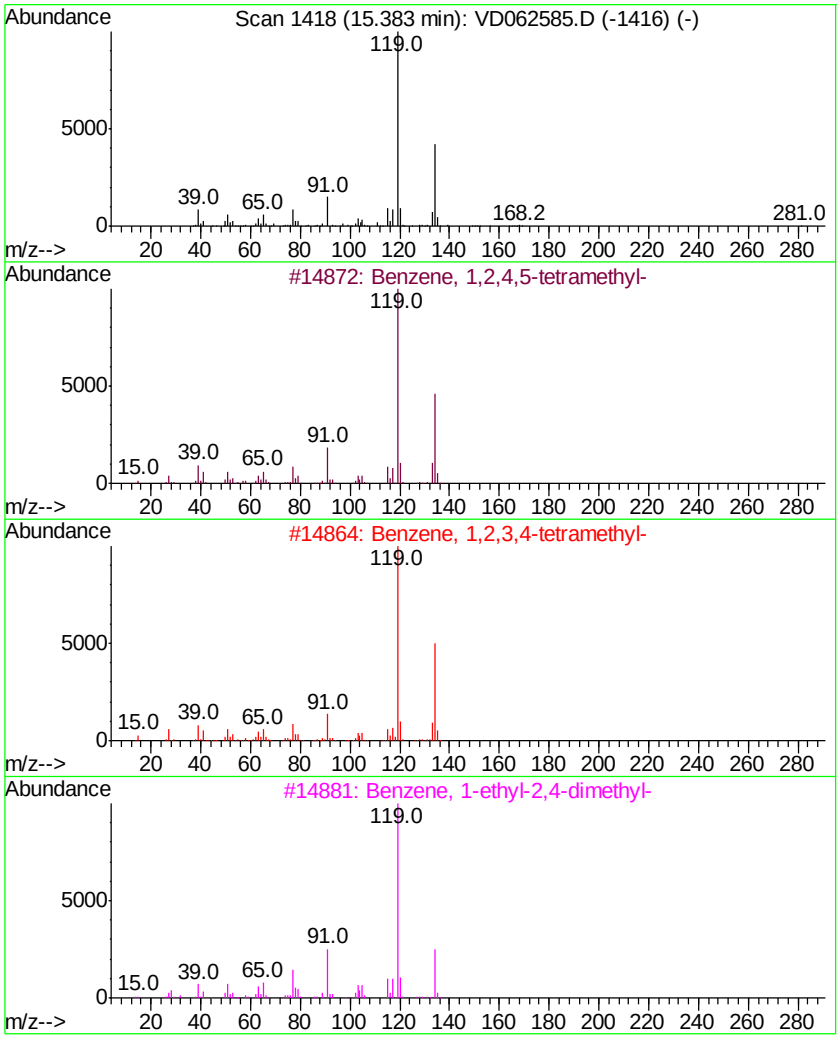
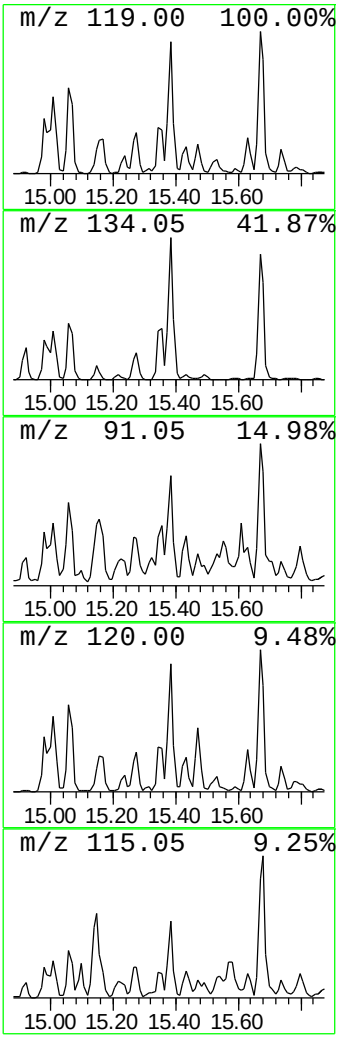
Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.38	95.17 ug/l	8258170	1,4-Dichlorobenzene-d4	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060319\
Data File : VD062585.D
Acq On : 3 Jun 2019 15:02
Operator : VA/AP
Sample : K3146-01
Misc : 1.01g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : OILY-DEBRI-DRUM

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
Quant Title : SW846 8260

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

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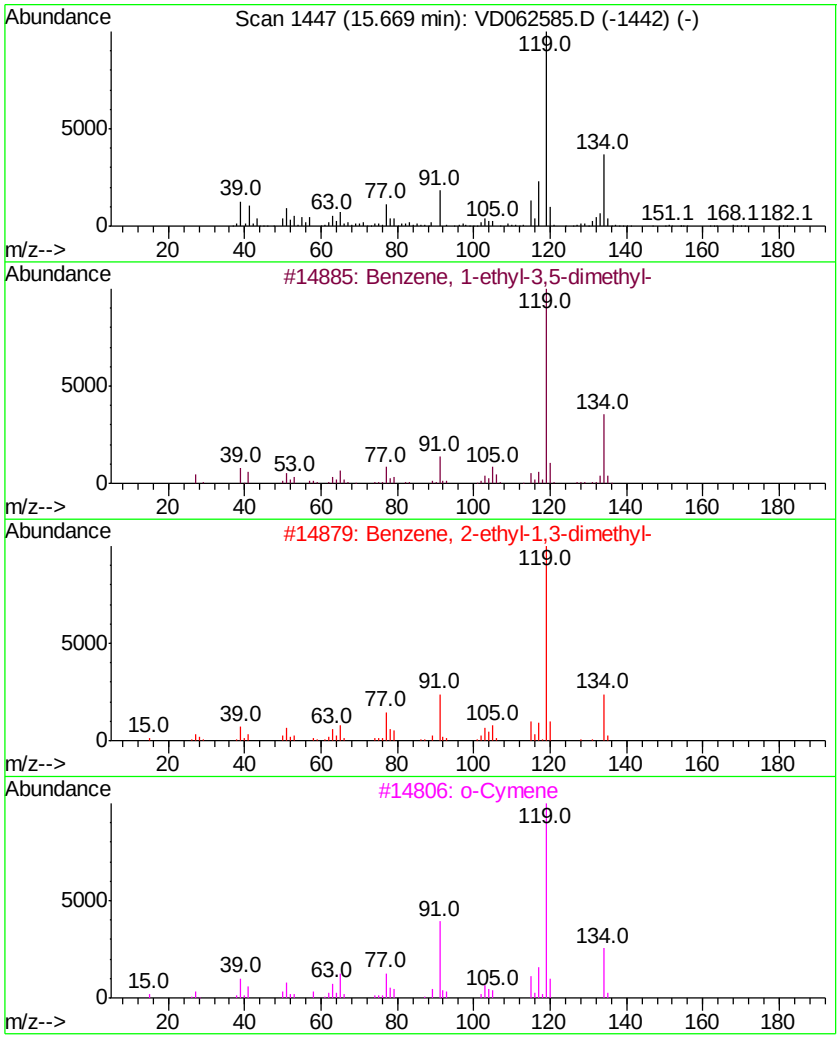
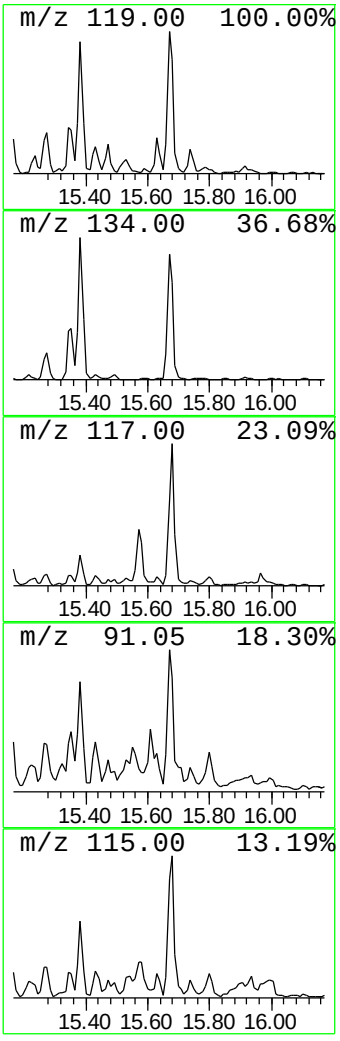
Peak Number 10 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	230.99 ug/l	20044100	1,4-Dichlorobenzene-d4	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87
3	o-Cymene	134	C10H14	000527-84-4	87
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	83
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD060319\
Data File : VD062585.D
Acq On : 3 Jun 2019 15:02
Operator : VA/AP
Sample : K3146-01
Misc : 1.01g/5ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : OILY-DEBRI-DRUM

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
Quant Title : SW846 8260

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Nonane	12.74	166.8	ug/l	2704820	3	12.37	810691	50.0
Octane, 2,6-dimet...	13.23	160.9	ug/l	2609070	3	12.37	810691	50.0
Cyclohexanone, 2,...	13.31	143.0	ug/l	2318070	3	12.37	810691	50.0
Decane	14.90	508.3	ug/l	44105200	4	14.52	4338710	50.0
unknown15.03	15.03	108.1	ug/l	9376840	4	14.52	4338710	50.0
Decane, 3,7-dimet...	15.13	133.5	ug/l	11584100	4	14.52	4338710	50.0
Cyclohexane, pentyl-	15.32	179.8	ug/l	15600800	4	14.52	4338710	50.0
Benzene, 1,2,4,5-...	15.38	95.2	ug/l	8258170	4	14.52	4338710	50.0
Benzene, 1-ethyl-...	15.67	231.0	ug/l	20044100	4	14.52	4338710	50.0