

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091018\
 Data File : VL032485.D
 Acq On : 10 Sep 2018 19:26
 Operator : SY/AP
 Sample : J4820-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 239-BERRY

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 3
 Start Thrs: 0.001
 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: 0

Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL083118AIR.M

Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 31 21:33:46 2018

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.075	36	43	48	rBV3	142170	190956	1.74%	0.262%
2	3.101	48	51	61	rVB	106372	118559	1.08%	0.163%
3	3.261	92	101	113	rBV2	281109	370408	3.37%	0.508%
4	3.419	142	150	162	rVB	120494	165051	1.50%	0.227%
5	3.692	222	235	257	rBV3	136677	299692	2.73%	0.411%
6	3.930	299	309	332	rBV	1398687	2414104	21.99%	3.313%
7	4.220	389	399	408	rBV3	152152	216030	1.97%	0.296%
8	4.281	408	418	430	rVV3	315206	461541	4.21%	0.633%
9	4.441	447	468	488	rBV	2481350	4082213	37.19%	5.602%
10	5.075	650	665	687	rBV	3303713	6411297	58.41%	8.798%
11	5.178	687	697	705	rVV4	194165	386036	3.52%	0.530%
12	5.223	705	711	723	rVV3	112519	201285	1.83%	0.276%
13	5.371	748	757	767	rBV	107289	176834	1.61%	0.243%
14	5.805	875	892	907	rBV2	3916984	9203546	83.85%	12.630%
15	5.885	907	917	934	rVB2	691876	1291597	11.77%	1.772%
16	7.043	1268	1277	1289	rVB4	70563	136157	1.24%	0.187%
17	7.332	1337	1367	1382	rBV2	4804957	9262958	84.39%	12.712%
18	7.406	1385	1390	1404	rVB3	72145	132731	1.21%	0.182%
19	7.641	1450	1463	1477	rBV5	106463	228817	2.08%	0.314%
20	8.030	1576	1584	1599	rVB4	76478	152746	1.39%	0.210%
21	9.991	2180	2194	2206	rBV2	196677	419895	3.83%	0.576%
22	10.612	2371	2387	2400	rBV3	277823	578207	5.27%	0.793%
23	10.769	2420	2436	2451	rBV7	102018	287378	2.62%	0.394%
24	11.869	2757	2778	2796	rBV4	467058	1139464	10.38%	1.564%
25	12.284	2888	2907	2931	rBV	4962159	10975928	100.00%	15.062%
26	13.763	3345	3367	3381	rBV9	91563	249879	2.28%	0.343%
27	14.621	3615	3634	3656	rBV2	4644721	10526610	95.91%	14.446%
28	16.293	4139	4154	4174	rBV4	693589	1679131	15.30%	2.304%
29	16.827	4306	4320	4335	rBV6	301198	707190	6.44%	0.970%
30	16.968	4349	4364	4378	rVB2	173623	377327	3.44%	0.518%
31	17.161	4407	4424	4445	rBV3	678583	1667001	15.19%	2.288%
32	17.309	4456	4470	4489	rVB7	94705	240124	2.19%	0.330%
33	18.155	4713	4733	4754	rBV3	1680212	3892350	35.46%	5.342%
34	18.759	4911	4921	4935	rVB3	52237	128071	1.17%	0.176%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091018\
Data File : VL032485.D
Acq On : 10 Sep 2018 19:26
Operator : SY/AP
Sample : J4820-01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
239-BERRY

Integration Parameters: RTEINT.P

Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 3 Min Area: 3 % of largest Peak
Start Thrs: 0.001 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 0

Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 31 21:33:46 2018

35	19.721	5204	5220	5237	rBV3	773950	1707666	15.56%	2.343%
36	20.106	5327	5340	5349	rBV7	92964	199627	1.82%	0.274%
37	21.695	5816	5834	5854	rVB	353652	1001505	9.12%	1.374%
38	22.685	6123	6142	6163	rBV6	213857	604192	5.50%	0.829%
39	23.010	6228	6243	6266	rBV4	133066	345746	3.15%	0.474%
40	25.228	6923	6933	6948	rBV5	120878	239858	2.19%	0.329%

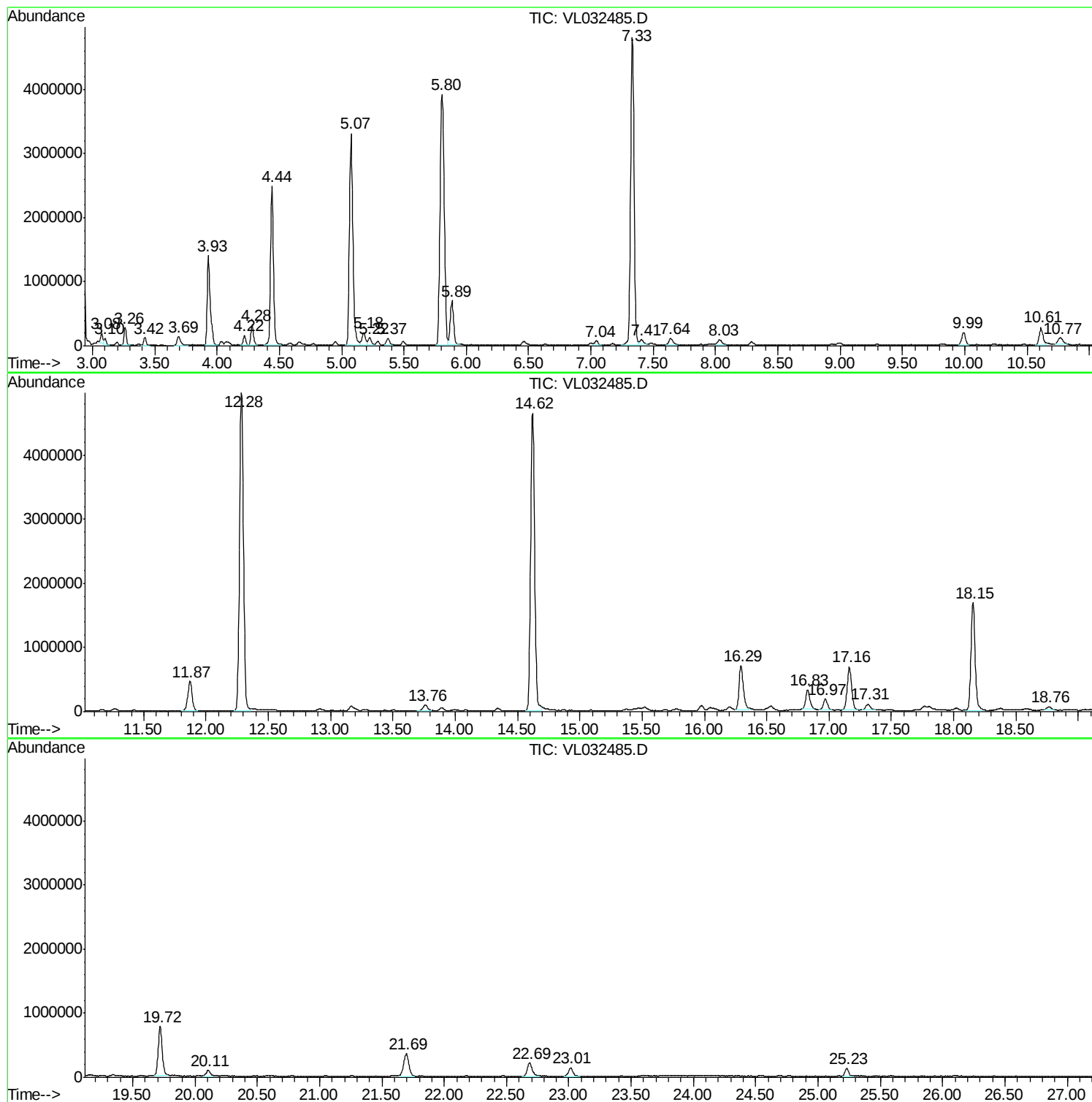
Sum of corrected areas: 72869707

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL091018\
Data File : VL032485.D
Acq On : 10 Sep 2018 19:26
Operator : SY/AP
Sample : J4820-01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
239-BERRY

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 31 21:33:46 2018

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL091018\
Data File : VL032485.D
Acq On : 10 Sep 2018 19:26
Operator : SY/AP
Sample : J4820-01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

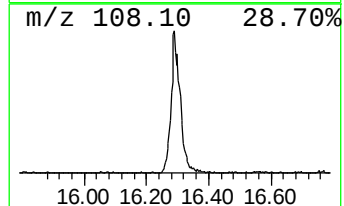
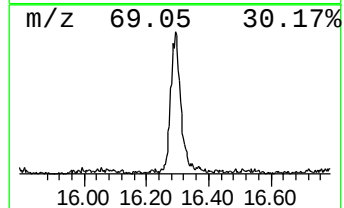
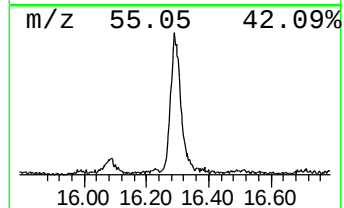
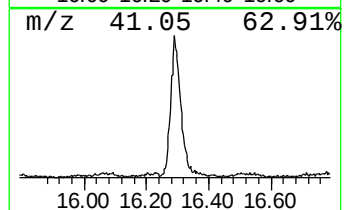
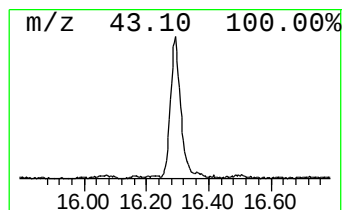
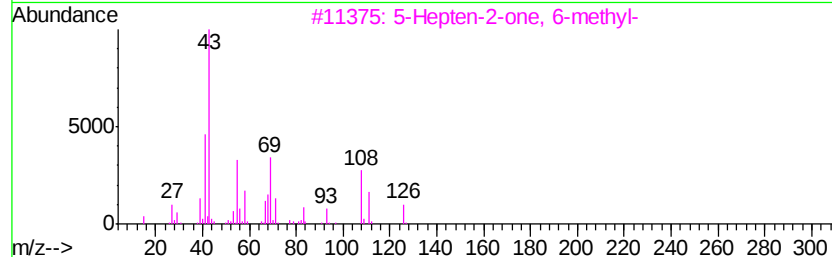
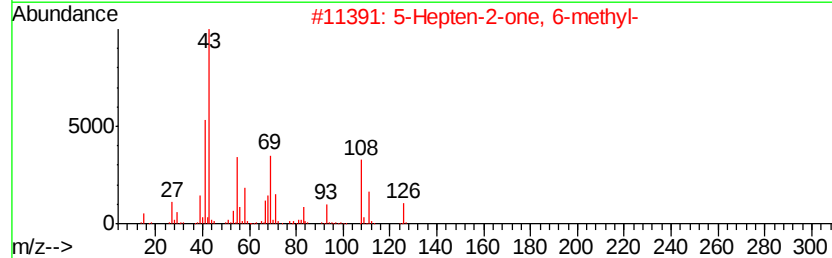
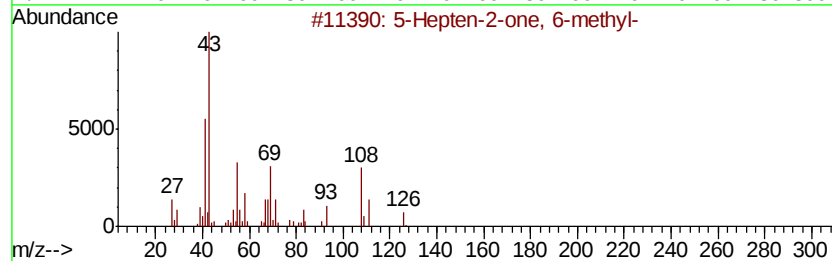
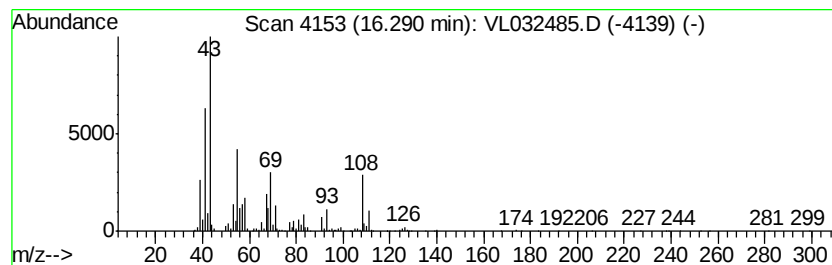
Instrument :
MSVOA_L
ClientSampleId :
239-BERRY

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 31 21:33:46 2018

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

Peak Number 3 5-Hepten-2-one, 6-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.29	1.53 ppbv	1679130	Chlorobenzene-d5	12.28	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Hepten-2-one, 6-methyl-	126	C8H14O	000110-93-0	70
2	5-Hepten-2-one, 6-methyl-	126	C8H14O	000110-93-0	70
3	5-Hepten-2-one, 6-methyl-	126	C8H14O	000110-93-0	38
4	3-Octen-2-one, (E)-	126	C8H14O	018402-82-9	32
5	1-Hepten-6-one, 2-methyl-	126	C8H14O	010408-15-8	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL091018\
Data File : VL032485.D
Acq On : 10 Sep 2018 19:26
Operator : SY/AP
Sample : J4820-01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
239-BERRY

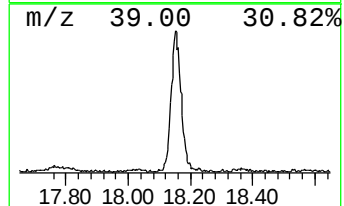
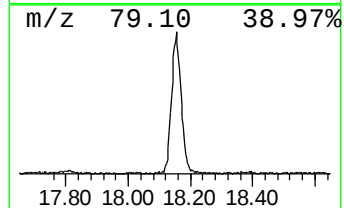
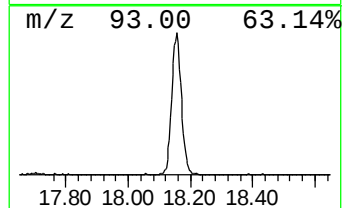
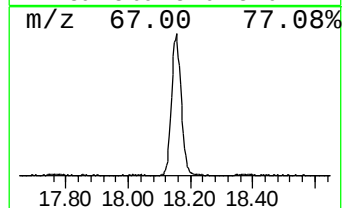
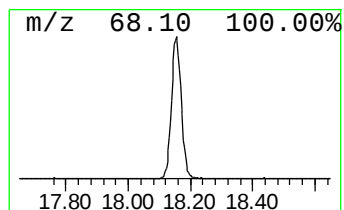
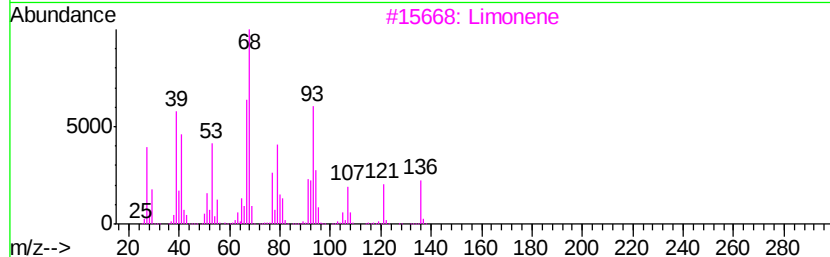
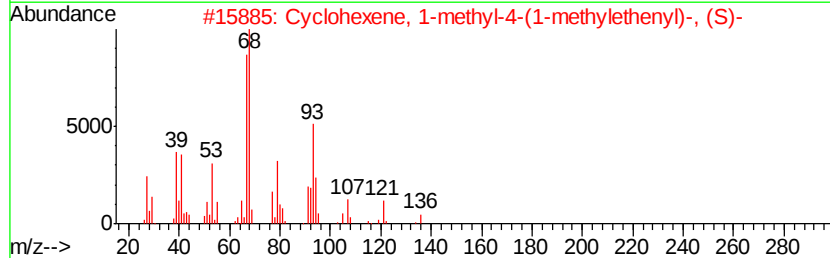
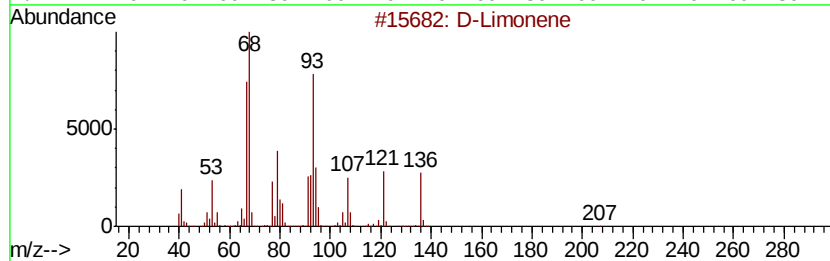
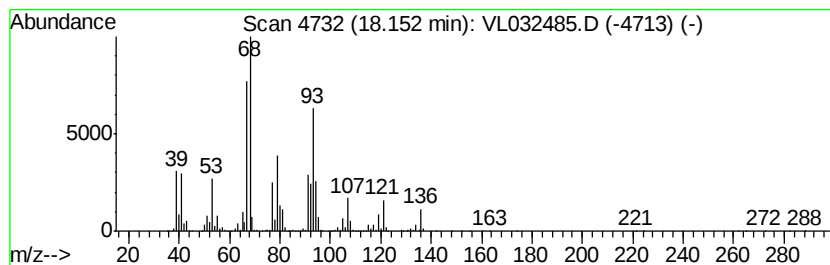
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 31 21:33:46 2018

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

Peak Number 5 D-Limonene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	3.55 ppbv	3892350	Chlorobenzene-d5	12.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D-Limonene	136	C10H16	005989-27-5	98
2		Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	93
3		Limonene	136	C10H16	000138-86-3	91
4		Limonene	136	C10H16	000138-86-3	87
5		D-Limonene	136	C10H16	005989-27-5	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL091018\
Data File : VL032485.D
Acq On : 10 Sep 2018 19:26
Operator : SY/AP
Sample : J4820-01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

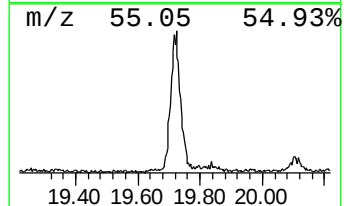
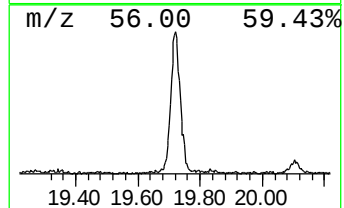
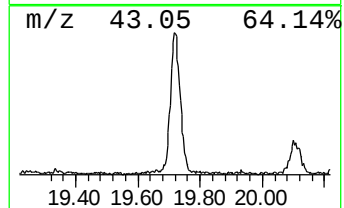
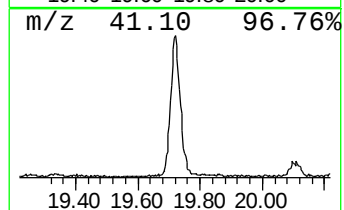
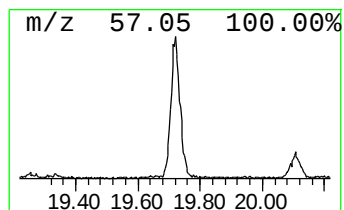
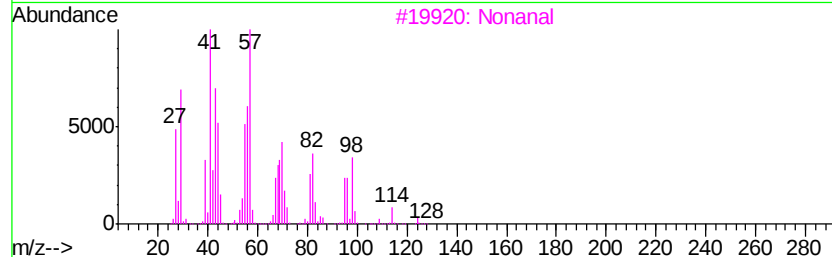
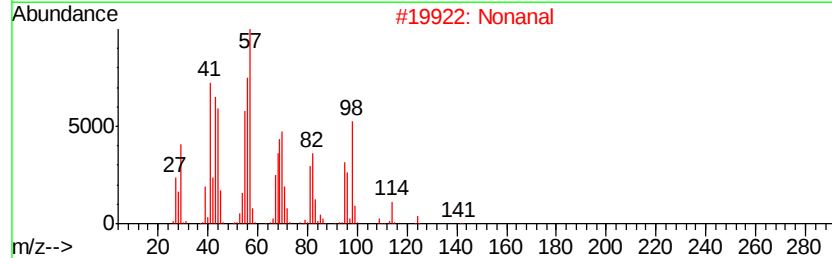
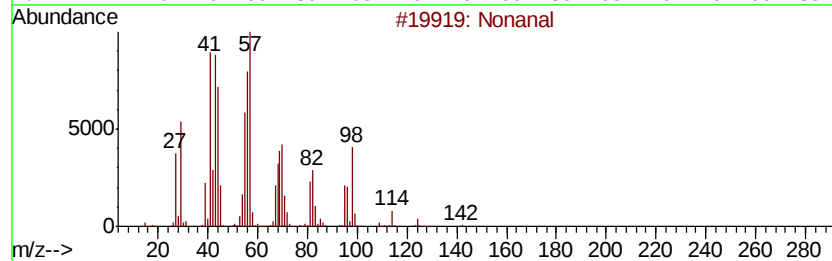
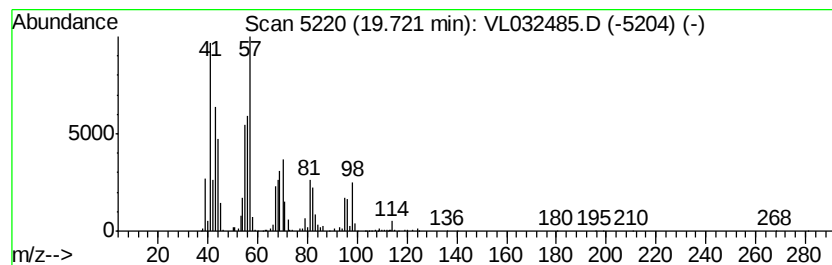
Instrument :
MSVOA_L
ClientSampleId :
239-BERRY

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 31 21:33:46 2018

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

Peak Number 6 Nonanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	1.56 ppbv	1707670	Chlorobenzene-d5	12.28
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonanal		142 C9H18O	000124-19-6 90
2	Nonanal		142 C9H18O	000124-19-6 83
3	Nonanal		142 C9H18O	000124-19-6 64
4	2-Hepten-1-ol, (E)-		114 C7H14O	033467-76-4 38
5	Heptane, 2-chloro-		134 C7H15Cl	001001-89-4 27



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091018\
Data File : VL032485.D
Acq On : 10 Sep 2018 19:26
Operator : SY/AP
Sample : J4820-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
239-BERRY

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 31 21:33:46 2018

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
5-Hepten-2-one, 6...	16.29	1.5	ppbv	1679130	3	12.28	10975900	10.0
D-Limonene	18.15	3.5	ppbv	3892350	3	12.28	10975900	10.0
Nonanal	19.72	1.6	ppbv	1707670	3	12.28	10975900	10.0